

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001916.D
 Acq On : 09 Mar 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 2:56:49 PM

Quant Time: Mar 10 12:23:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	166899	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	308307	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	275924	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	124867	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	91316	51.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.73	113	86145	51.17	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.18	98	359164	50.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.48	95	123342	49.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	66241	42.997	ug/l	98
3) Chloromethane	2.12	50	97079	46.738	ug/l	99
4) Vinyl Chloride	2.26	62	98747	46.739	ug/l	97
5) Bromomethane	2.66	94	65987	53.935	ug/l	99
6) Chloroethane	2.80	64	64118	48.312	ug/l	95
7) Trichlorofluoromethane	3.13	101	133268	46.511	ug/l	97
8) Diethyl Ether	3.54	74	55813	49.423	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	88859	48.216	ug/l	99
10) Methyl Iodide	4.10	142	102552	48.119	ug/l	99
11) Tert butyl alcohol	4.97	59	42107	224.817	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	87858	47.347	ug/l	94
13) Acrolein	3.74	56	47863	191.162	ug/l	98
14) Allyl chloride	4.49	41	163936	49.834	ug/l	99
15) Acrylonitrile	5.18	53	139864	231.771	ug/l	99
16) Acetone	3.96	43	105654	203.590	ug/l	99
17) Carbon Disulfide	4.21	76	288002	46.170	ug/l	98
18) Methyl Acetate	4.49	43	60301	45.223	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	246140	48.948	ug/l	95
20) Methylene Chloride	4.73	84	107346	48.264	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	102246	48.546	ug/l	95
22) Diisopropyl ether	6.13	45	343851	50.992	ug/l	98
23) Vinyl Acetate	6.08	43	1086034	245.674	ug/l	99
24) 1,1-Dichloroethane	6.04	63	181748	49.771	ug/l	100
25) 2-Butanone	7.00	43	173539	219.895	ug/l	100
26) 2,2-Dichloropropane	7.00	77	145170	48.436	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	114003	49.760	ug/l	98
28) Bromochloromethane	7.35	49	88821	53.963	ug/l	99
29) Tetrahydrofuran	7.36	42	118690	226.477	ug/l	100
30) Chloroform	7.52	83	171821	50.082	ug/l	99
31) Cyclohexane	7.79	56	181710	46.410	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	144829	50.085	ug/l	98
36) 1,1-Dichloropropene	7.93	75	141363	47.647	ug/l	99
37) Ethyl Acetate	7.09	43	80330	46.586	ug/l	100
38) Carbon Tetrachloride	7.91	117	122862	48.477	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	186560	47.410	ug/l	96
40) Benzene	8.17	78	427453	48.609	ug/l	99
41) Methacrylonitrile	7.32	41	36712m	47.308	ug/l	
42) 1,2-Dichloroethane	8.25	62	110539	48.782	ug/l	99
43) Isopropyl Acetate	8.28	43	152299	46.651	ug/l	99
44) Trichloroethene	8.94	130	104415	48.754	ug/l	96
45) 1,2-Dichloropropane	9.22	63	109594	49.577	ug/l	97
46) Dibromomethane	9.31	93	54557	47.892	ug/l	99
47) Bromodichloromethane	9.50	83	132275	49.916	ug/l	100
48) Methyl methacrylate	9.30	41	68266	47.125	ug/l	95
49) 1,4-Dioxane	9.30	88	13682	876.519	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	393997	234.309	ug/l	100
52) Toluene	10.25	92	262214	49.085	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	142499	49.358	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	169003	49.173	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	81135	48.666	ug/l	98
56) Ethyl methacrylate	10.51	69	119473	48.891	ug/l	99
57) 1,3-Dichloropropane	10.79	76	141995	47.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	194943	224.988	ug/l	99
59) 2-Hexanone	10.83	43	268558	223.761	ug/l	99
60) Dibromochloromethane	10.99	129	86803	49.411	ug/l	98
61) 1,2-Dibromoethane	11.09	107	74867	47.408	ug/l	99
64) Tetrachloroethene	10.72	164	82640	47.759	ug/l	96
65) Chlorobenzene	11.52	112	265333	48.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	90020	49.930	ug/l	99
67) Ethyl Benzene	11.59	91	498716	48.638	ug/l	98
68) m/p-Xylenes	11.70	106	370088	97.627	ug/l	100
69) o-Xylene	12.03	106	177142	49.578	ug/l	98
70) Styrene	12.04	104	305627	49.943	ug/l	99
71) Bromoform	12.20	173	47278	48.353	ug/l #	99
73) Isopropylbenzene	12.33	105	473123	49.635	ug/l	100
74) N-amyl acetate	12.14	43	139891	47.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	97639	47.500	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	67346m	45.454	ug/l	
77) Bromobenzene	12.61	156	99394	49.216	ug/l	98
78) n-propylbenzene	12.67	91	586065	49.837	ug/l	100
79) 2-Chlorotoluene	12.75	91	323187	49.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	393232	50.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34900	47.580	ug/l	98
82) 4-Chlorotoluene	12.85	91	333512	49.302	ug/l	100
83) tert-Butylbenzene	13.08	119	331110	50.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	389291	49.988	ug/l	99
85) sec-Butylbenzene	13.25	105	479368	49.898	ug/l	100
86) p-Isopropyltoluene	13.37	119	414740	50.045	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	194276	49.091	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	195243	48.631	ug/l	99
89) n-Butylbenzene	13.70	91	426371	49.590	ug/l	99
90) Hexachloroethane	13.96	117	79095	50.592	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	177061	49.248	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14695	45.813	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	112525	48.261	ug/l	98
94) Hexachlorobutadiene	15.11	225	54928	48.320	ug/l	99
95) Naphthalene	15.23	128	260856	47.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	99188	48.290	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

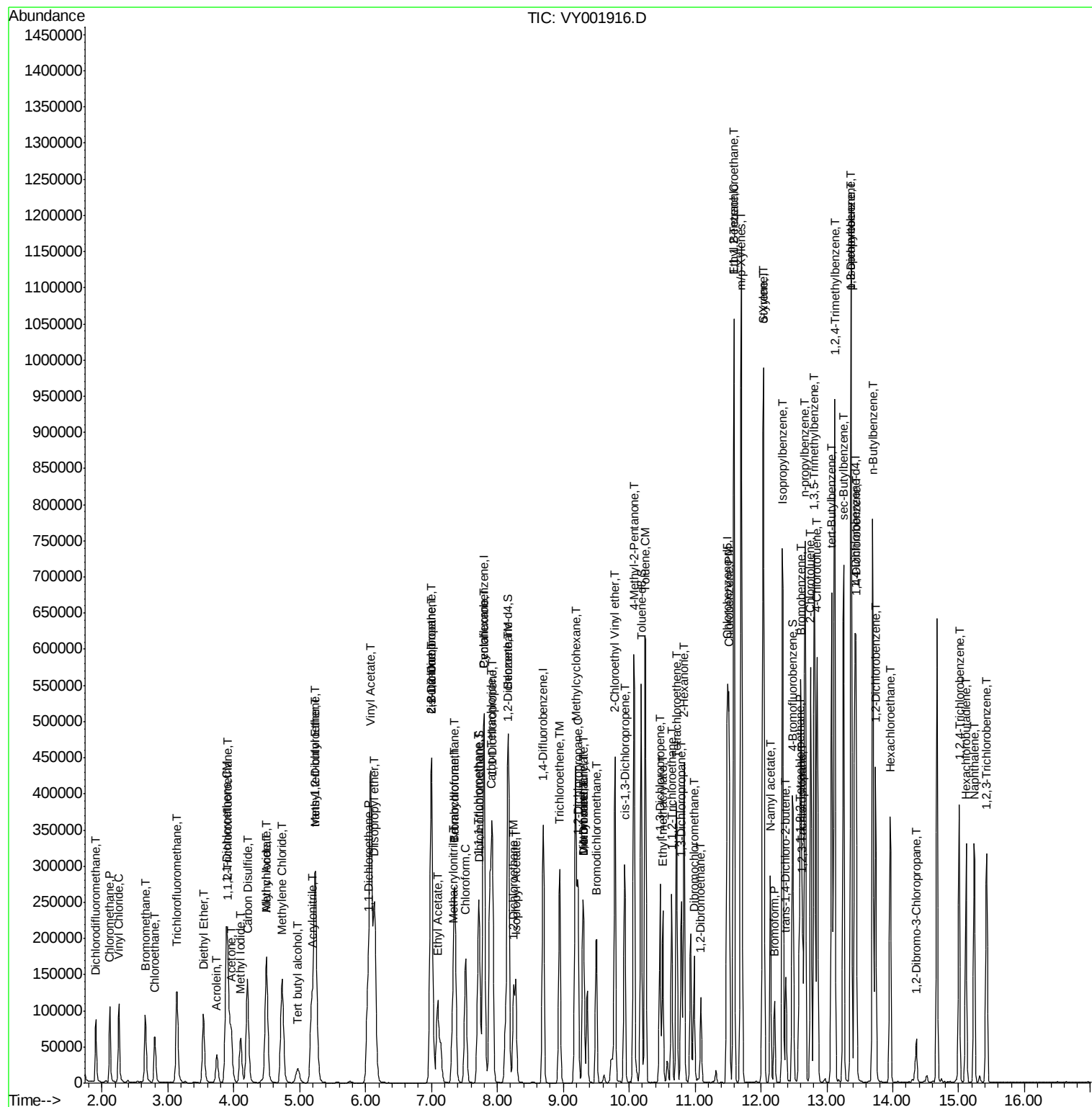
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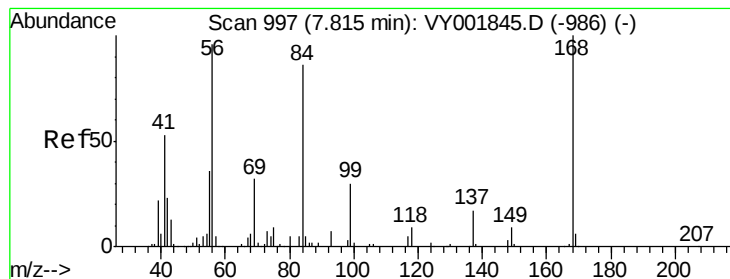
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 166899

Ion Ratio Lower Upper

168 100

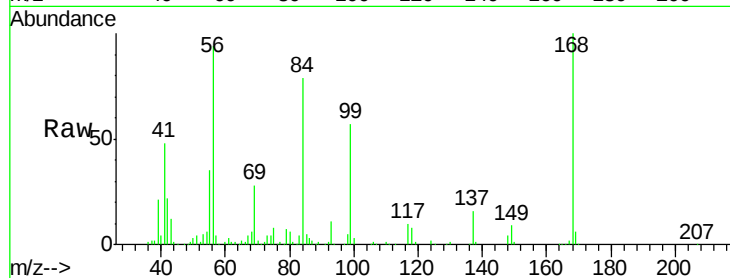
99 56.9 46.7 70.1

Manual Integrations

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3/10/2020 2:56:49 PM



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

80000

60000

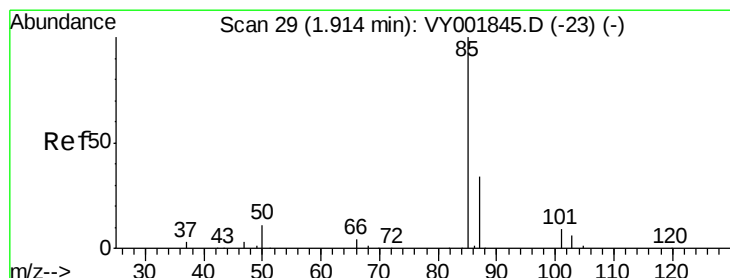
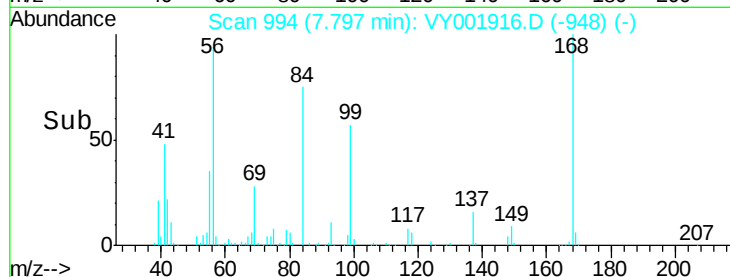
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.997 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001916.D

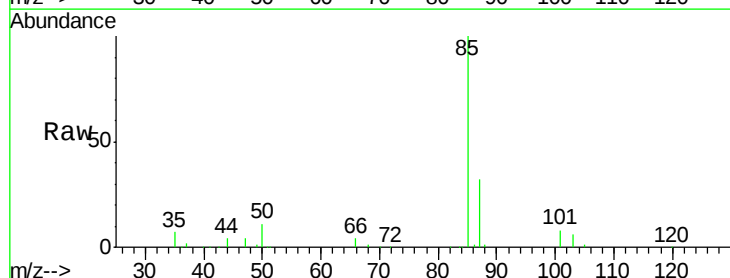
Acq: 09 Mar 2020 18:16

Tgt Ion: 85 Resp: 66241

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

50000

40000

30000

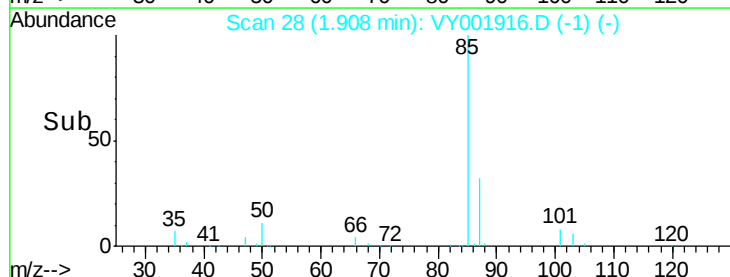
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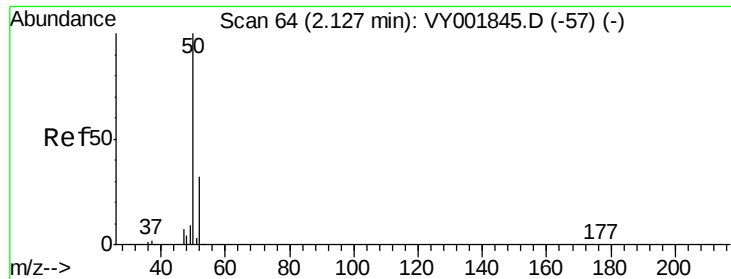
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.738 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 97079

Ion Ratio Lower Upper

50 100

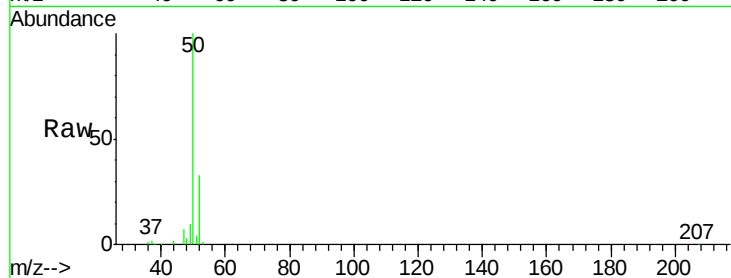
52 32.5 25.8 38.6

Manual Integrations

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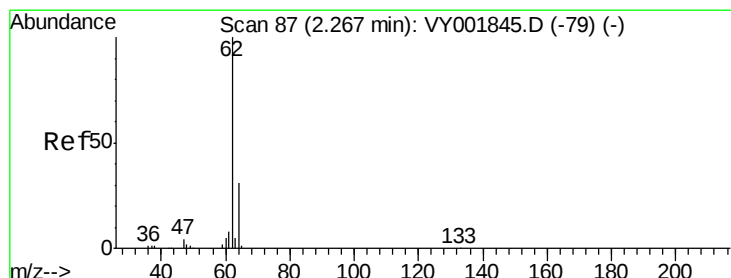
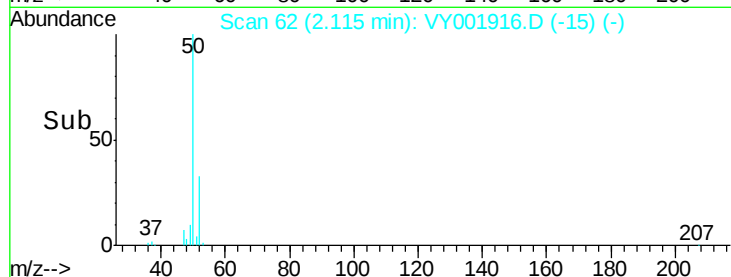
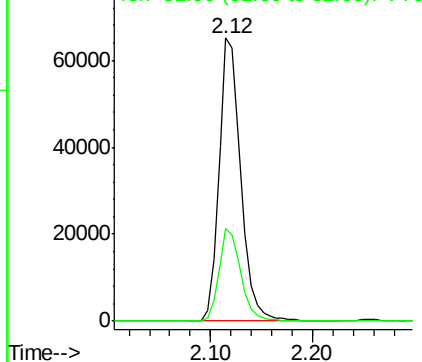
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.739 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001916.D

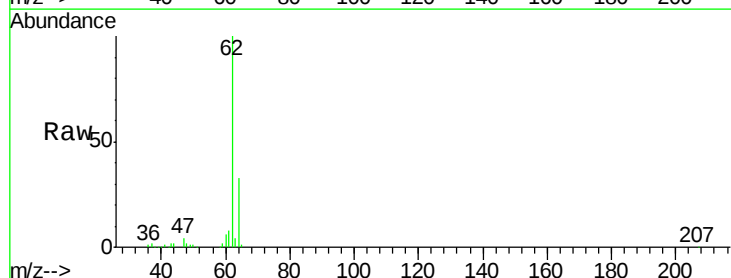
Acq: 09 Mar 2020 18:16

Tgt Ion: 62 Resp: 98747

Ion Ratio Lower Upper

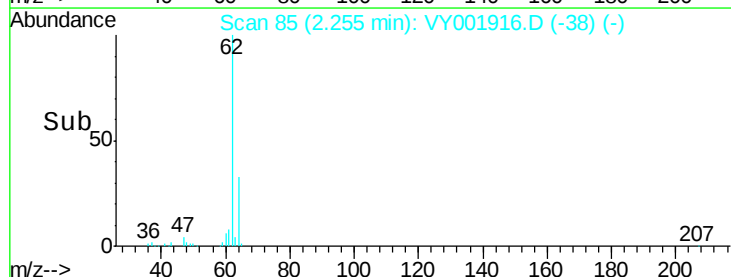
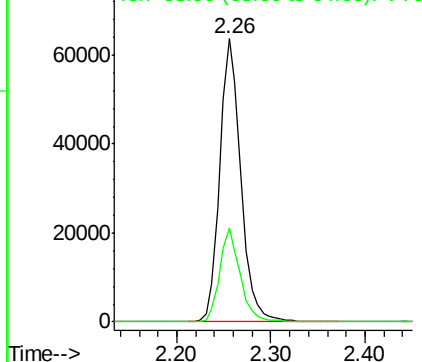
62 100

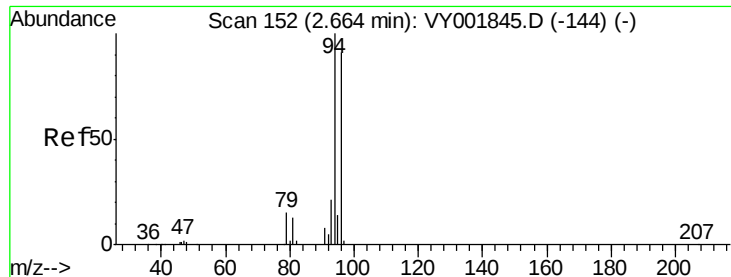
64 33.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.935 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65987

Ion Ratio Lower Upper

94 100

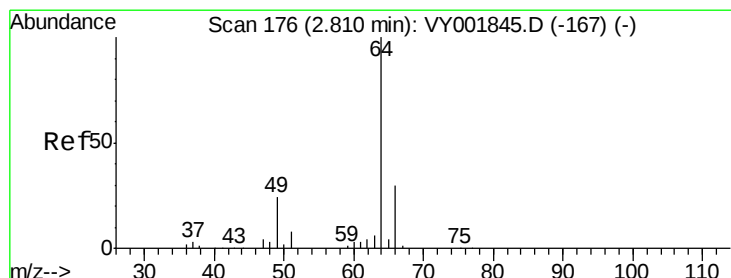
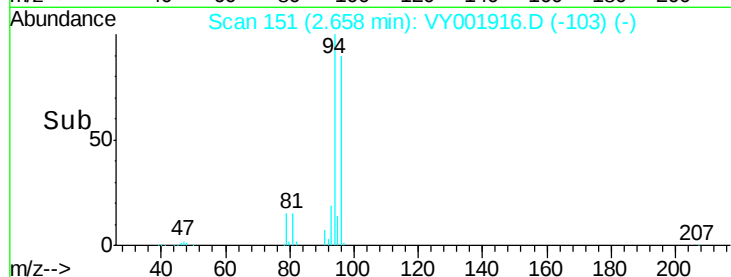
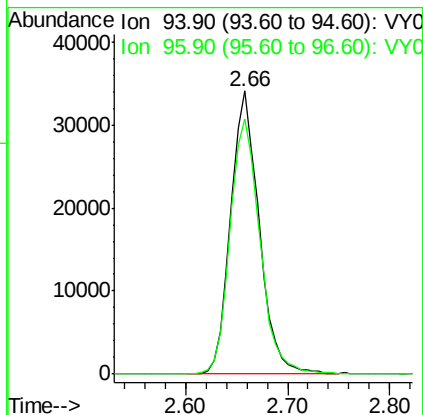
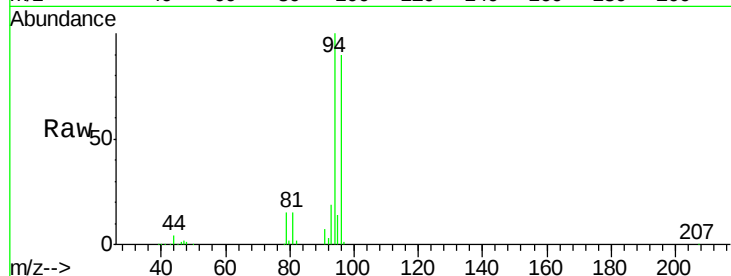
96 90.2 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 48.312 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001916.D

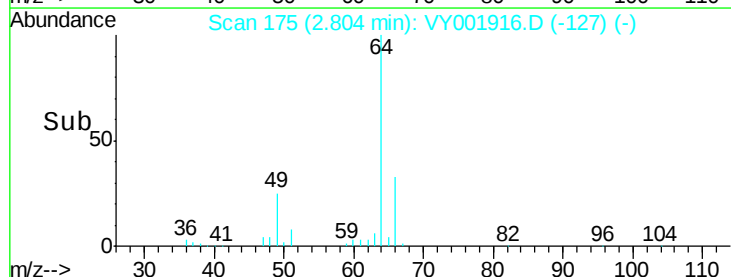
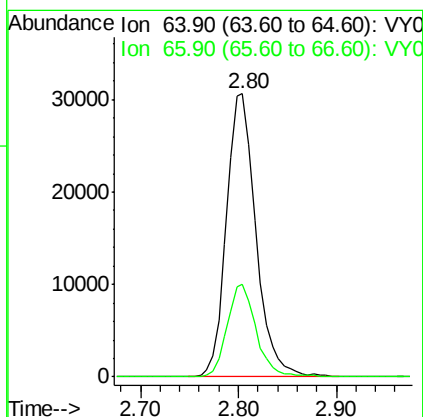
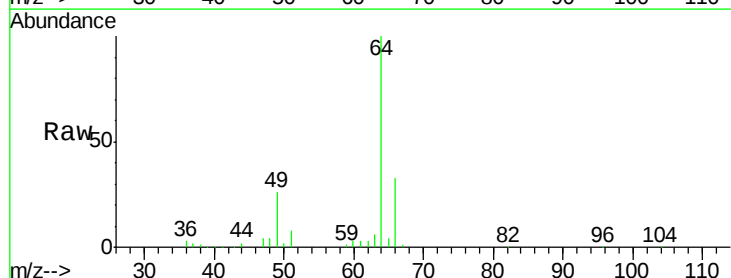
Acq: 09 Mar 2020 18:16

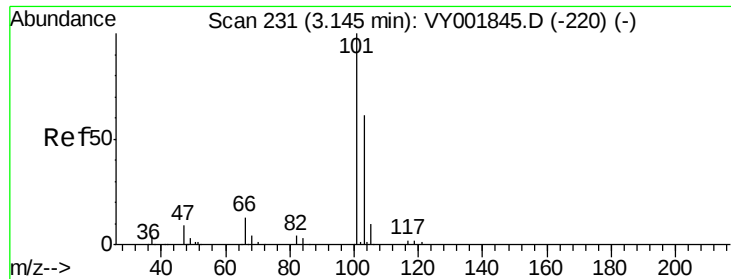
Tgt Ion: 64 Resp: 64118

Ion Ratio Lower Upper

64 100

66 32.8 23.8 35.8





#7

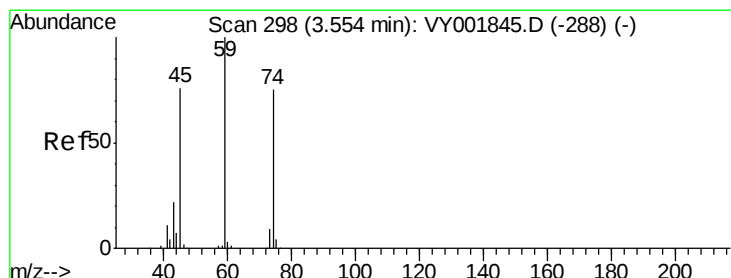
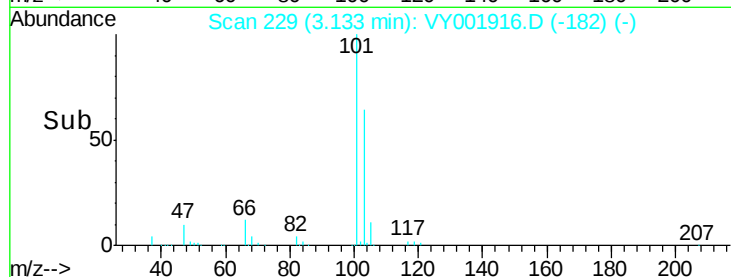
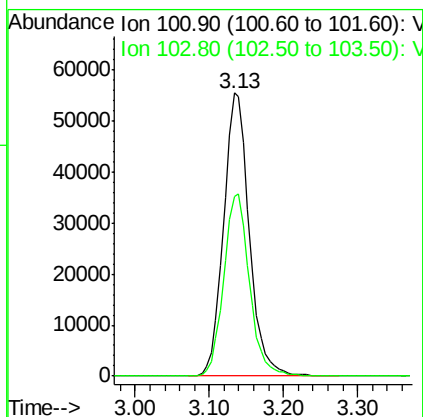
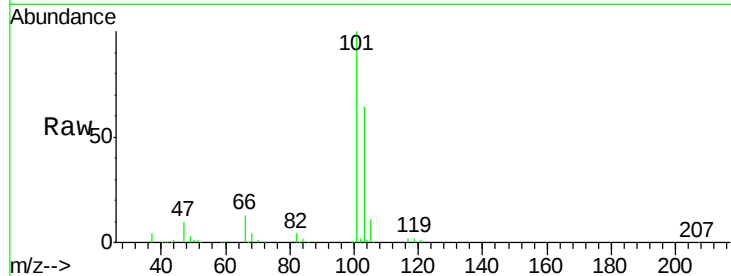
Trichlorofluoromethane
Concen: 46.511 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.1	73.7

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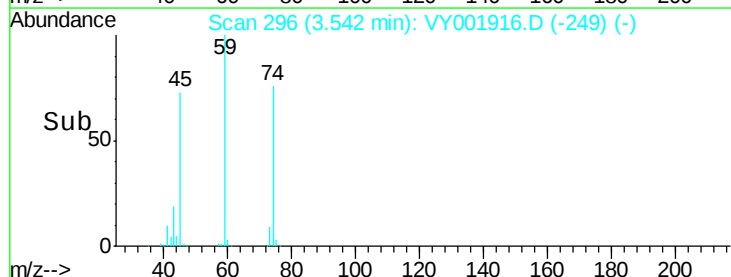
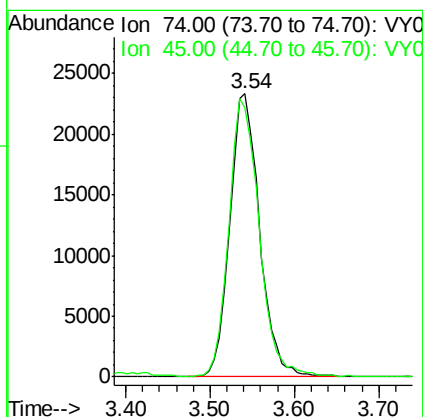
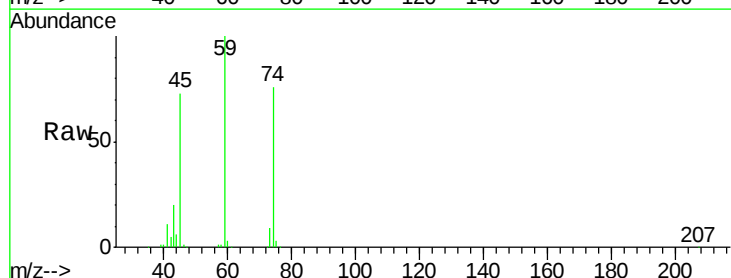
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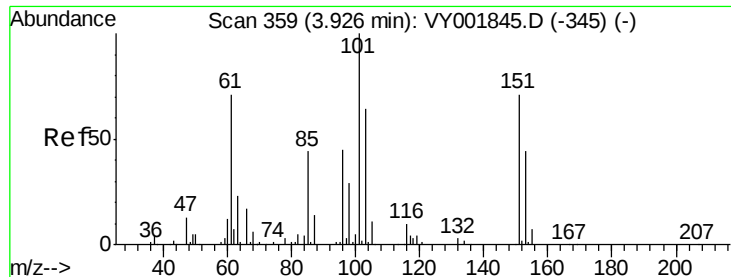


#8

Diethyl Ether
Concen: 49.423 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	50.5	151.5





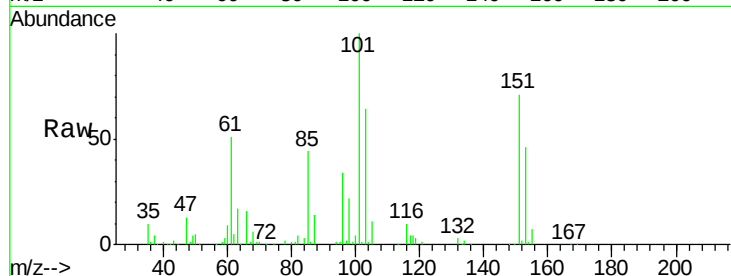
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.216 ug/l
 RT: 3.91 min Scan# 357
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

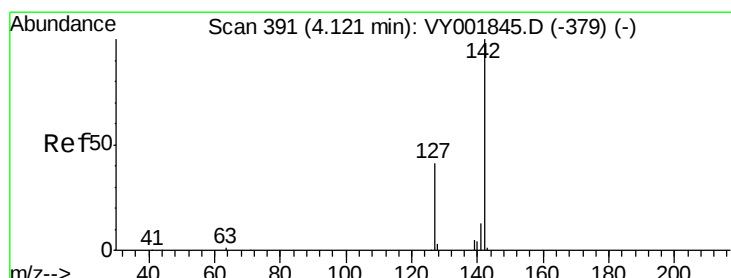
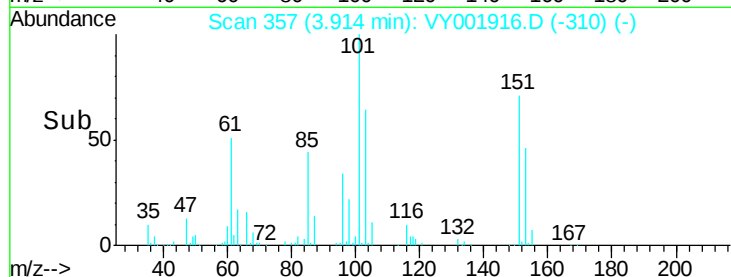
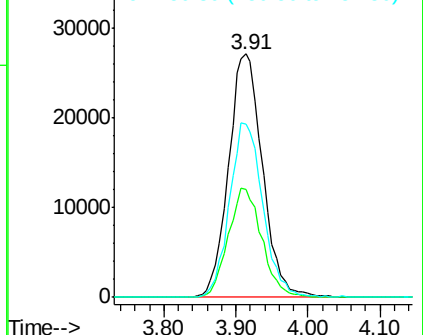
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.3	52.9
151	70.4	57.0	85.4

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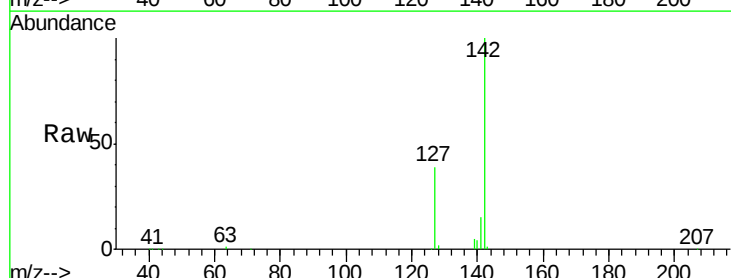


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

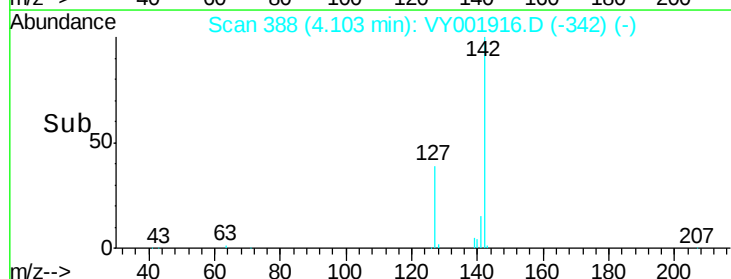
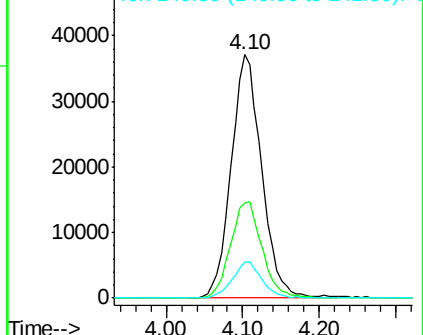


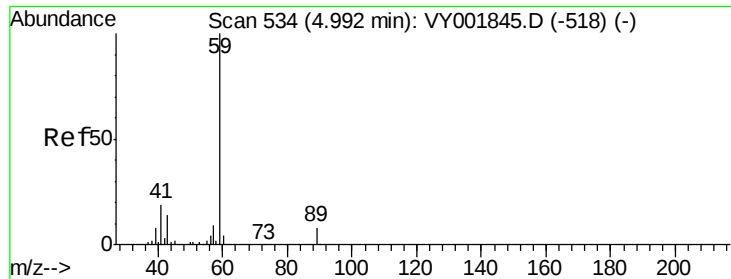
#10
 Methyl Iodide
 Concen: 48.119 ug/l
 RT: 4.10 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.0	32.7	49.1
141	14.4	11.0	16.6



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





#11

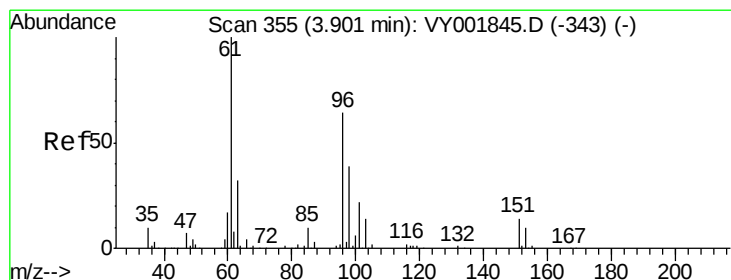
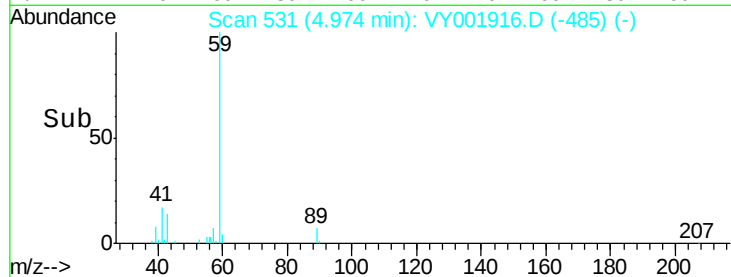
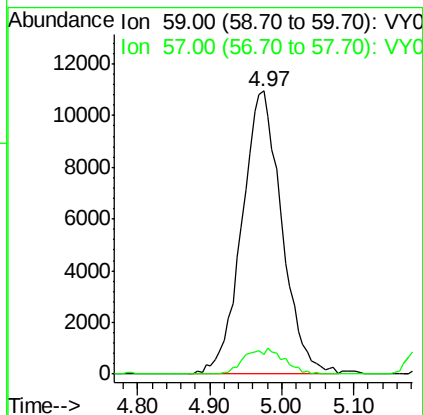
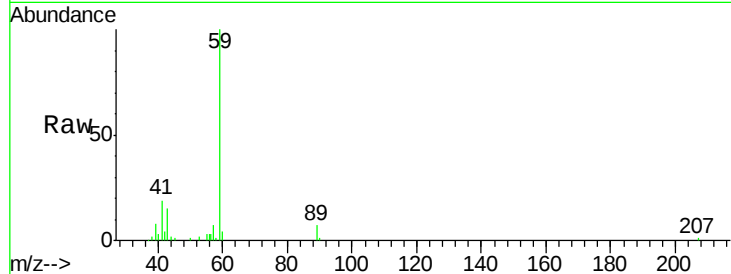
Tert butyl alcohol
 Concen: 224.817 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 42107
 Ion Ratio Lower Upper
 59 100
 57 4.6 7.4 11.2#

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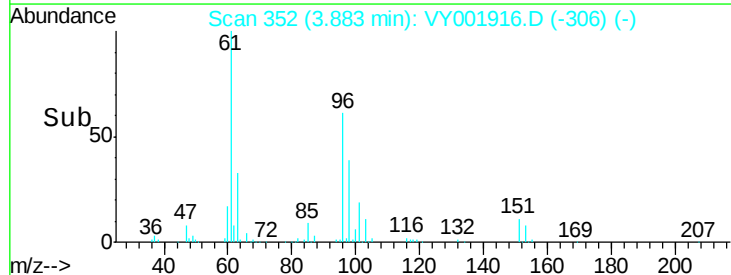
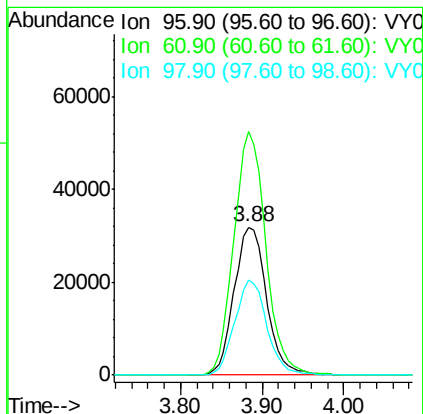
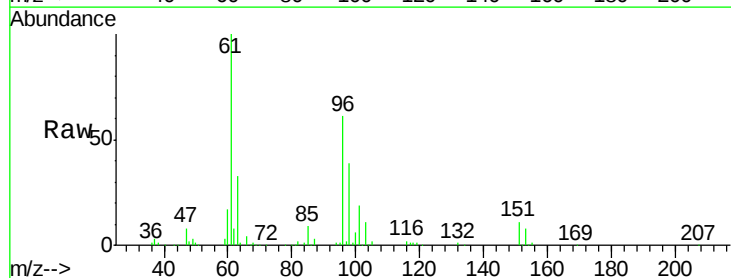
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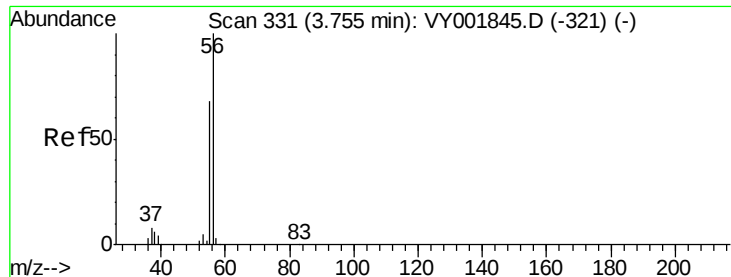


#12

1,1-Dichloroethene
 Concen: 47.347 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion: 96 Resp: 87858
 Ion Ratio Lower Upper
 96 100
 61 164.9 124.8 187.2
 98 64.3 49.2 73.8





#13

Acrolein

Concen: 191.162 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 47863

Ion Ratio Lower Upper

56 100

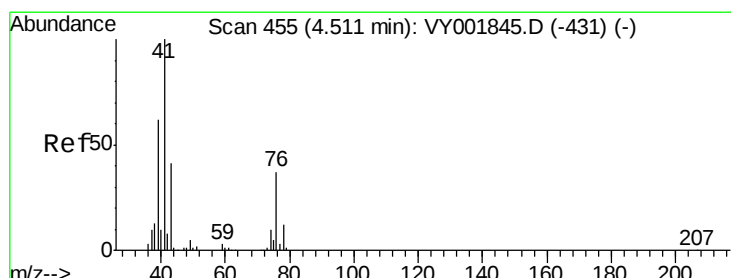
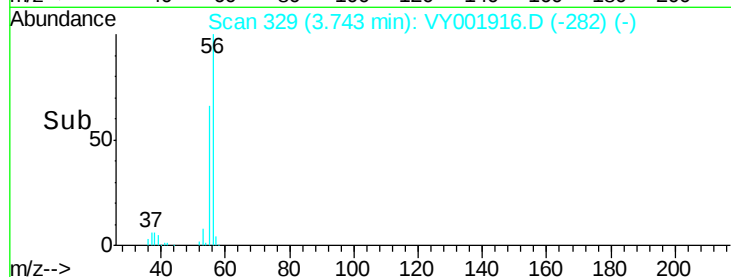
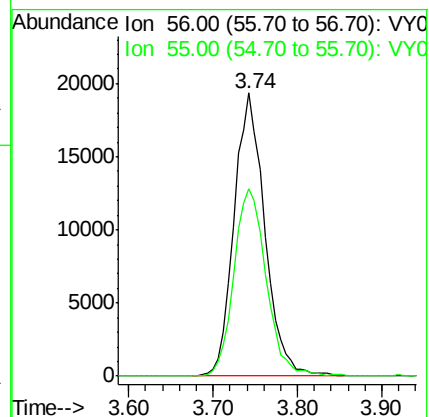
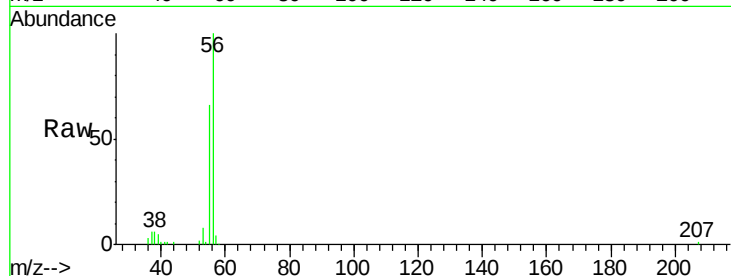
55 69.3 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 49.834 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

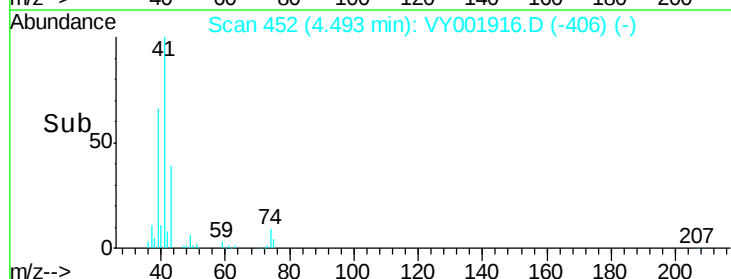
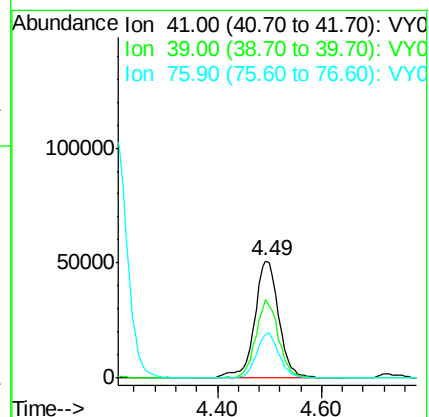
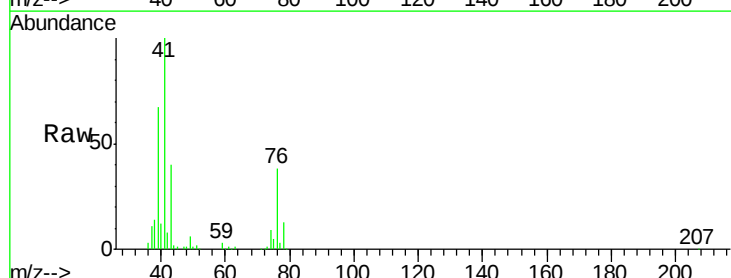
Tgt Ion: 41 Resp: 163936

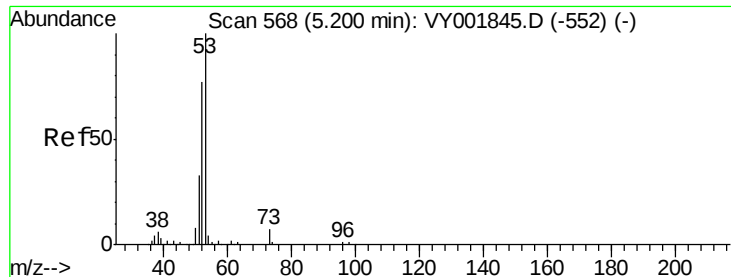
Ion Ratio Lower Upper

41 100

39 62.5 49.0 73.6

76 35.5 28.9 43.3





#15

Acrylonitrile

Concen: 231.771 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

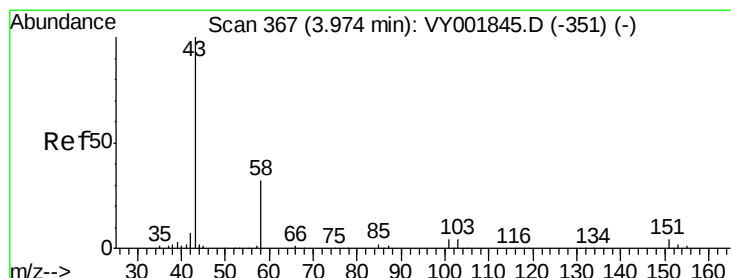
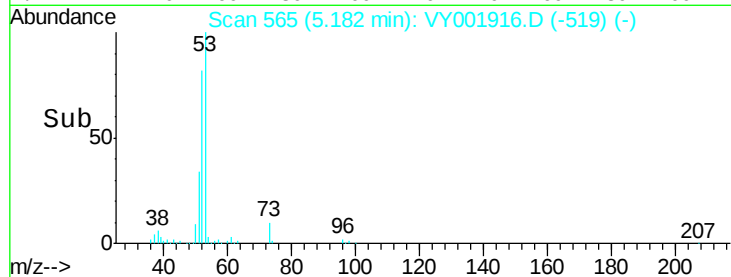
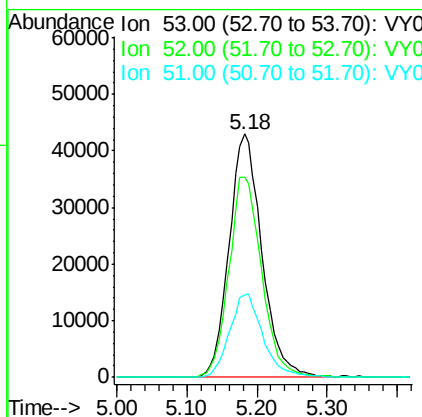
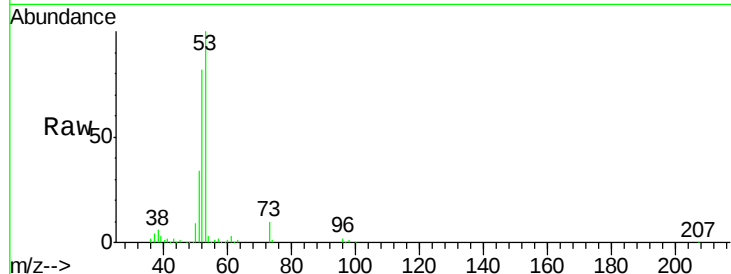
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	139864
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.1	97.7
51	35.0	27.5	41.3

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#16

Acetone

Concen: 203.590 ug/l

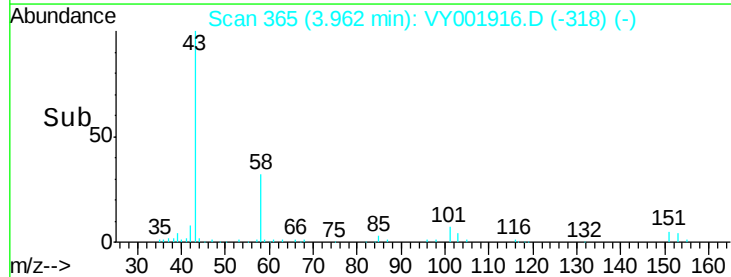
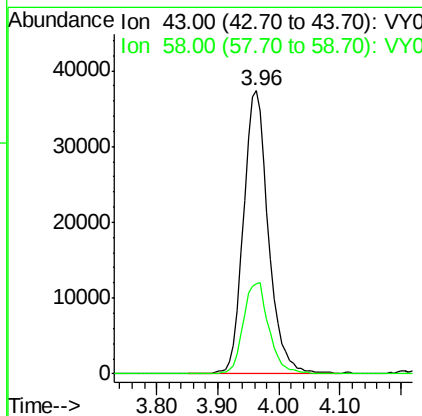
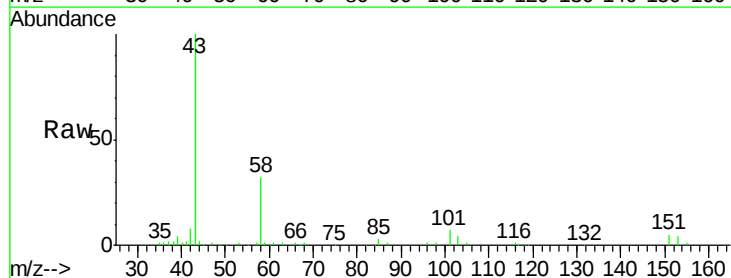
RT: 3.96 min Scan# 365

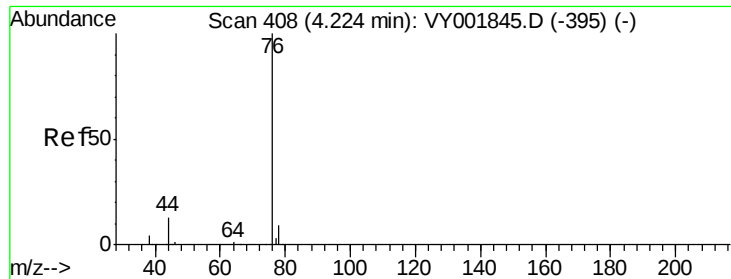
Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Tgt Ion	43	Resp	105654
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.9	38.9





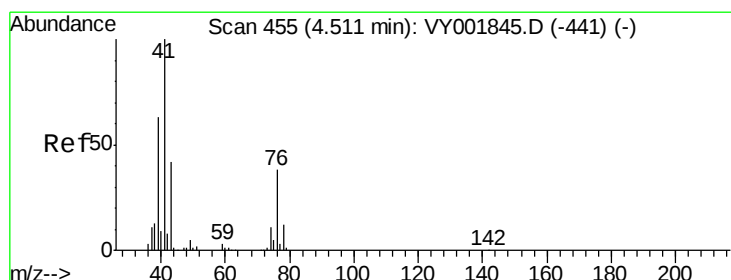
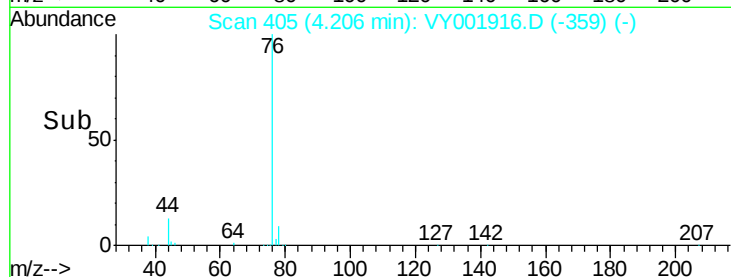
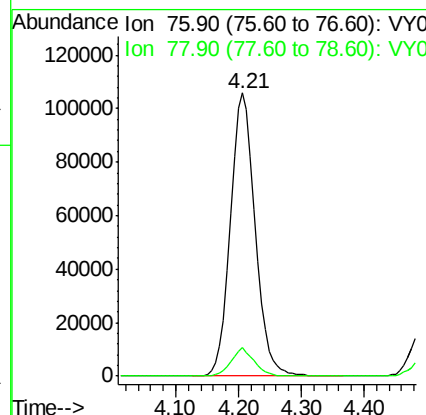
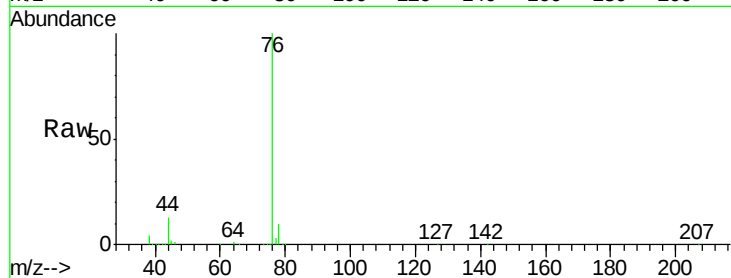
#17
Carbon Disulfide
Concen: 46.170 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.2

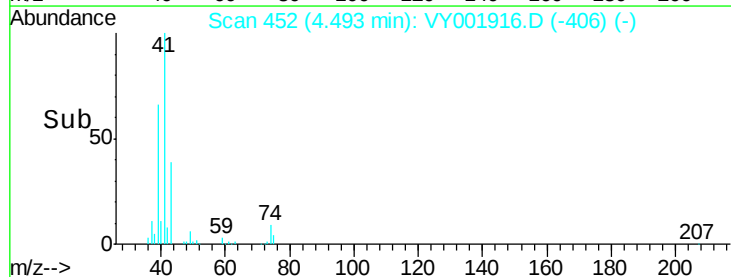
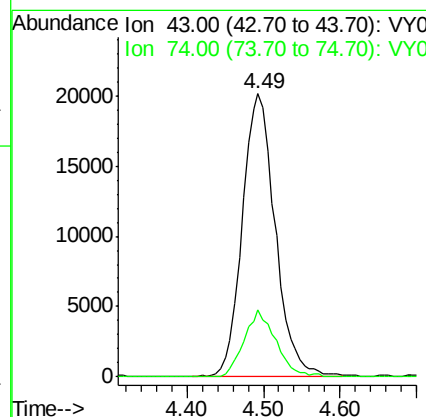
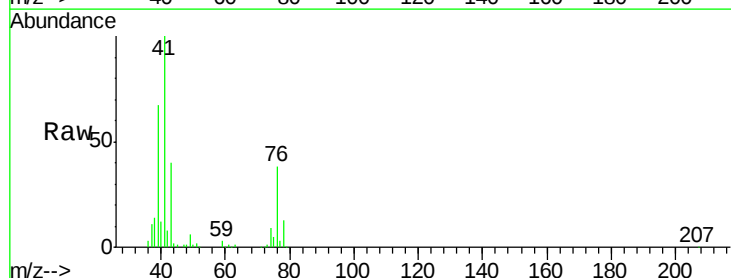
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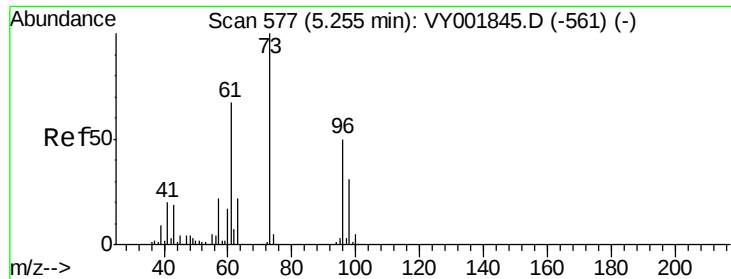
MMDadoda
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#18
Methyl Acetate
Concen: 45.223 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.0	28.6





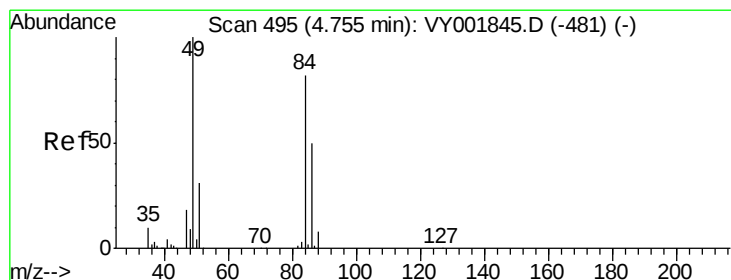
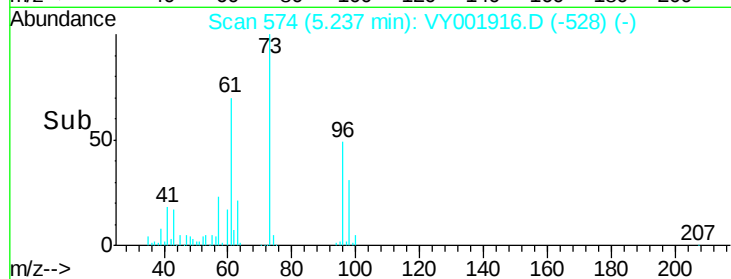
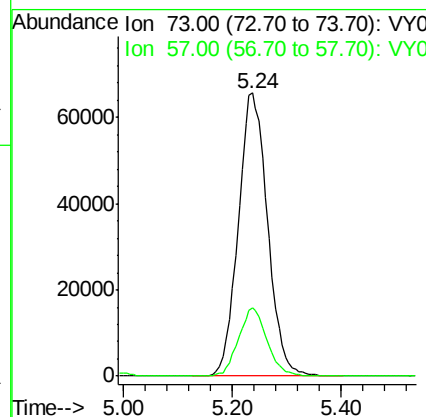
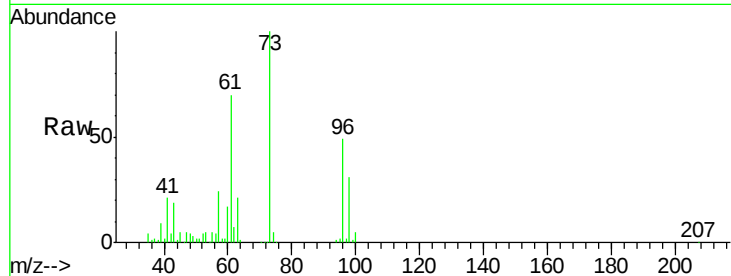
#19
Methvl tert-butvl Ether
Concen: 48.948 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 246140
Ion Ratio Lower Upper
73 100
57 24.4 17.4 26.2

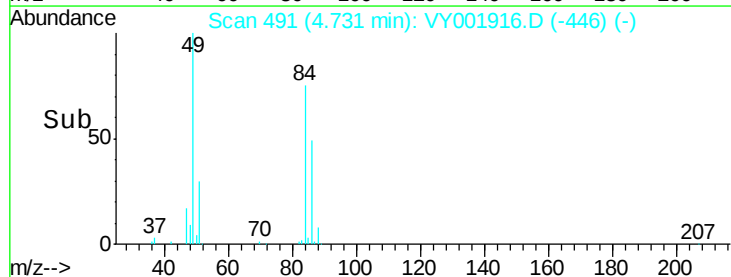
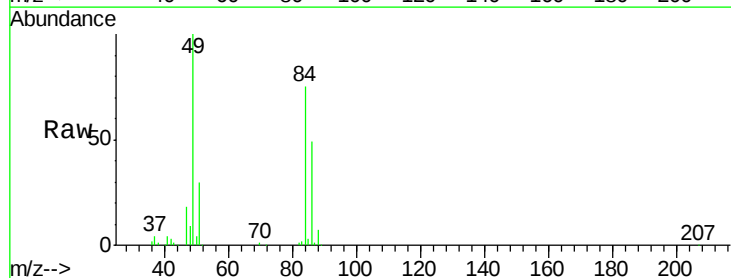
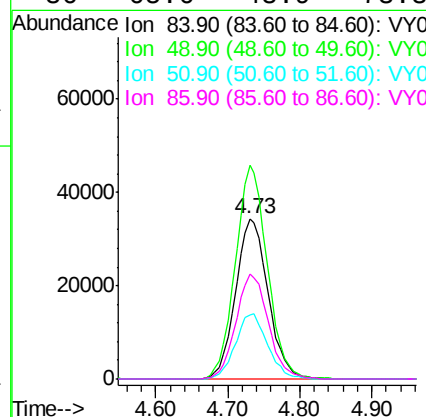
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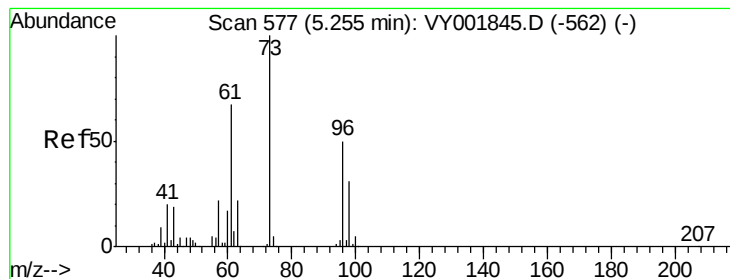
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#20
Methylene Chloride
Concen: 48.264 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion: 84 Resp: 107346
Ion Ratio Lower Upper
84 100
49 133.4 98.2 147.2
51 39.9 30.2 45.2
86 65.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 48.546 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 102246

Ion Ratio Lower Upper

96 100

61 142.8 107.7 161.5

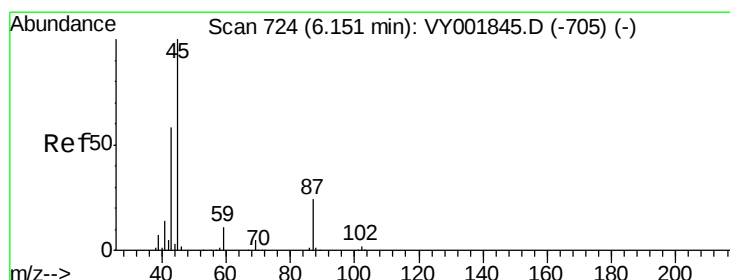
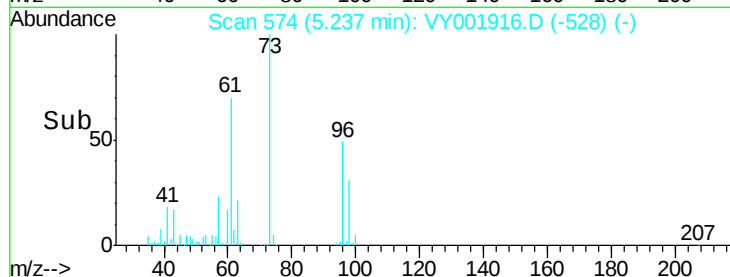
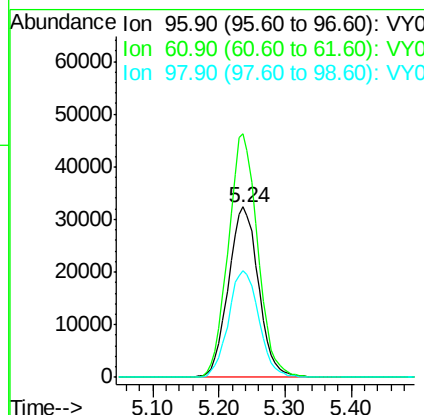
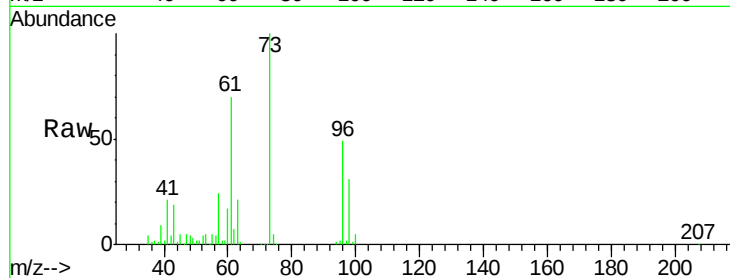
98 62.3 49.3 73.9

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#22

Diisopropyl ether

Concen: 50.992 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Tgt Ion: 45 Resp: 343851

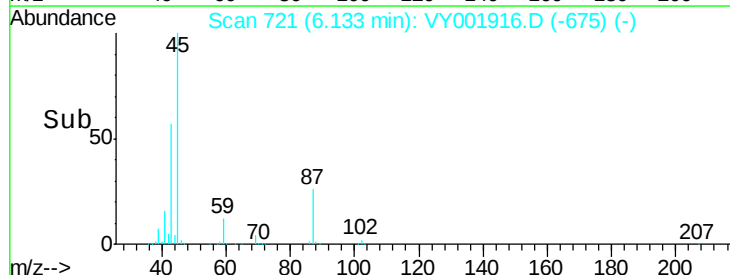
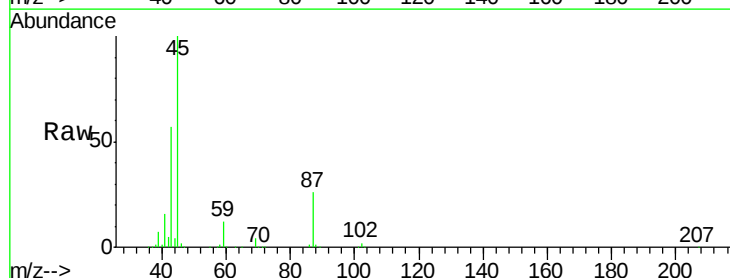
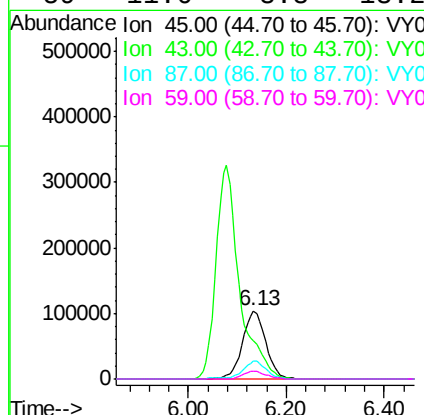
Ion Ratio Lower Upper

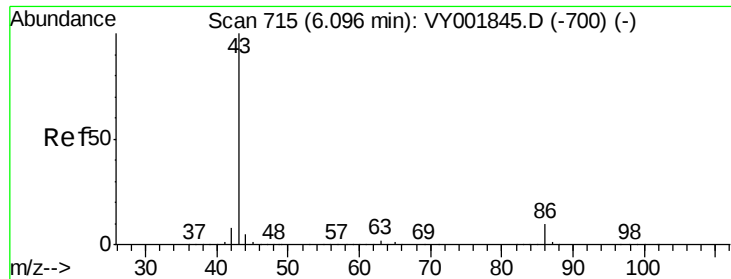
45 100

43 56.9 47.2 70.8

87 25.5 19.8 29.8

59 11.6 8.8 13.2





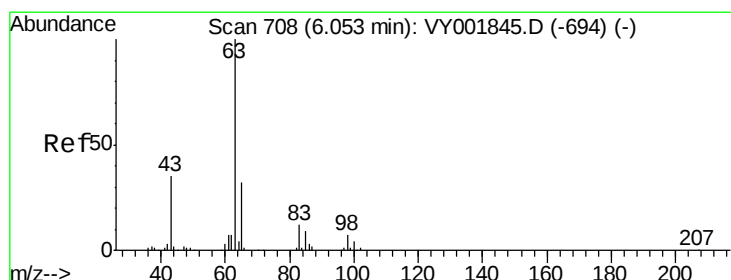
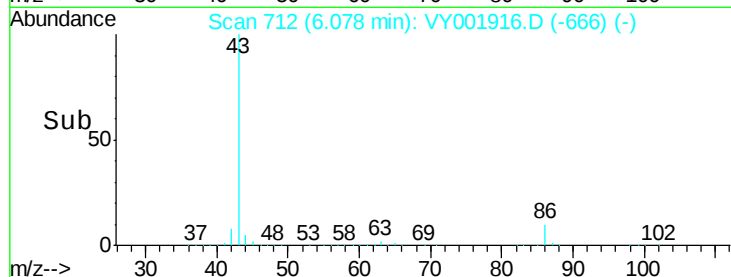
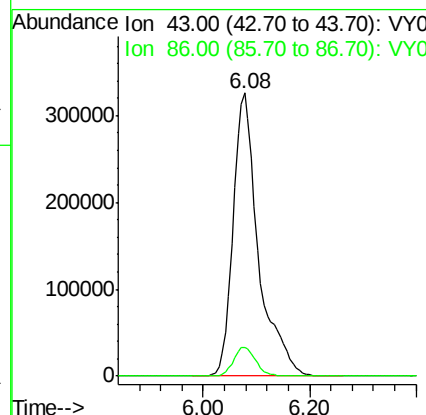
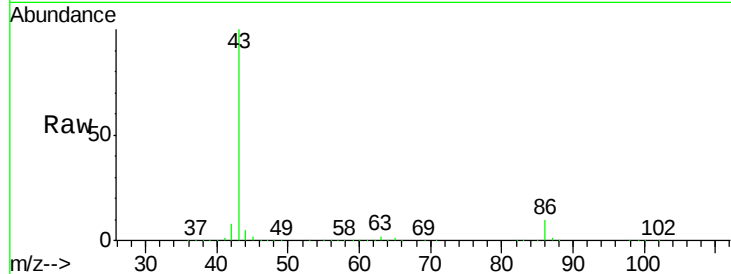
#23
 Vinyl Acetate
 Concen: 245.674 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1086034
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

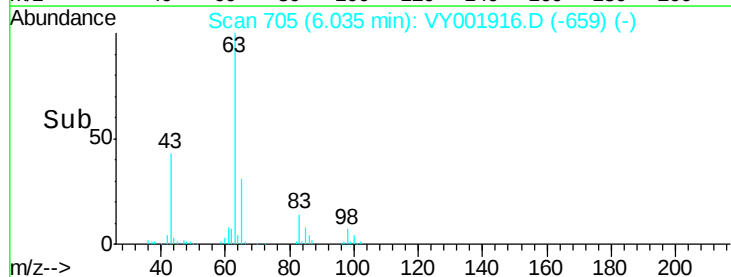
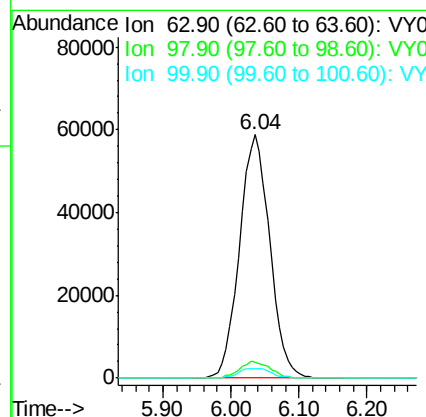
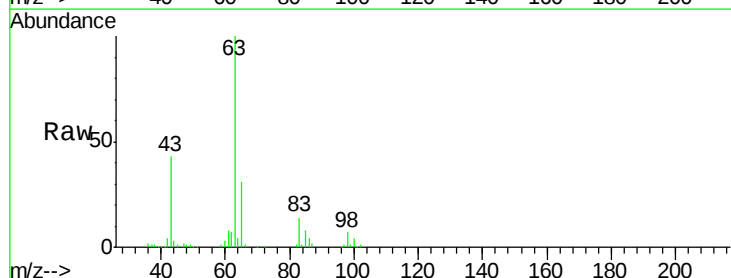
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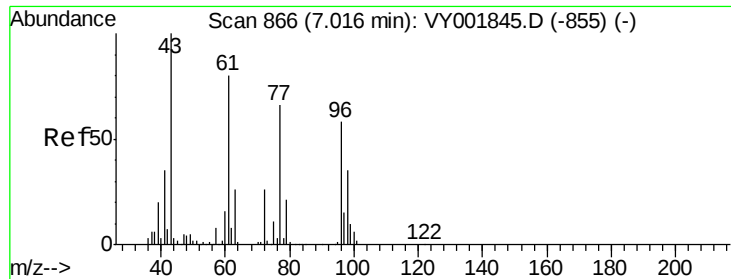
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#24
 1,1-Dichloroethane
 Concen: 49.771 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion: 63 Resp: 181748
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.0 2.0 6.0





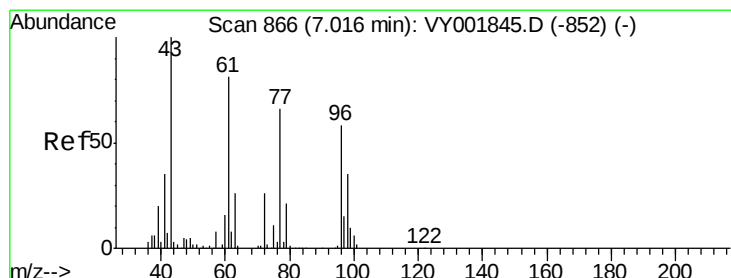
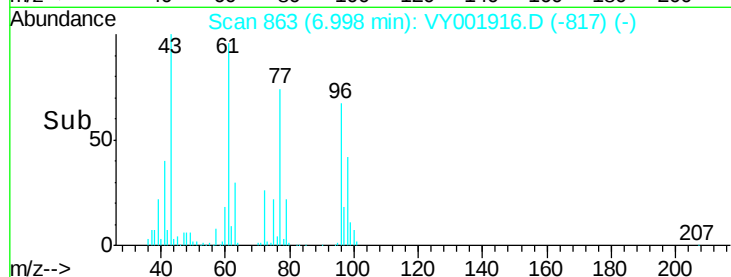
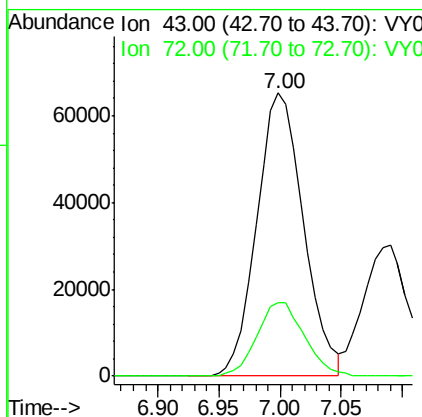
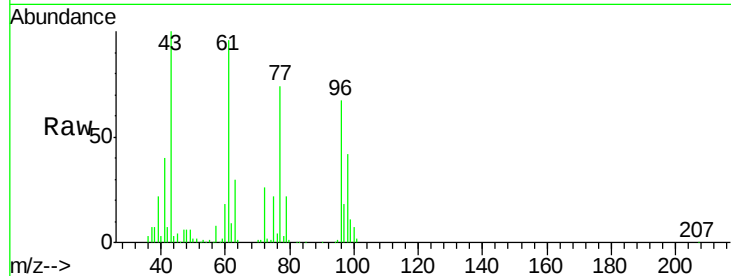
#25
2-Butanone
Concen: 219.895 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 173539
Ion Ratio Lower Upper
43 100
72 25.9 20.9 31.3

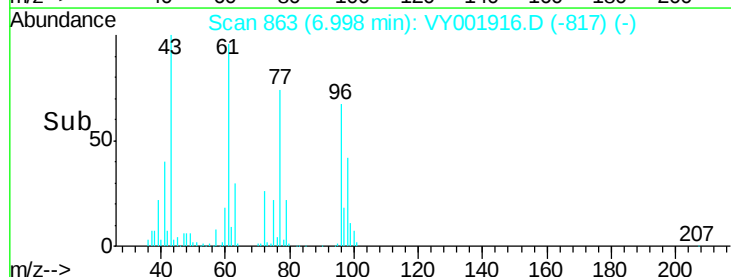
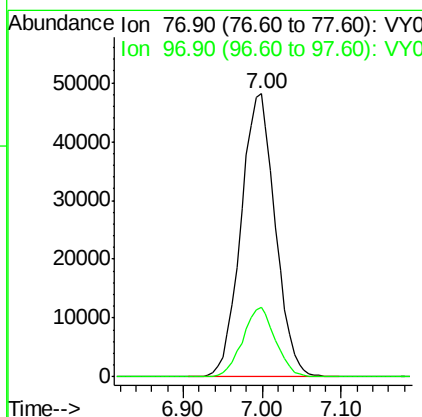
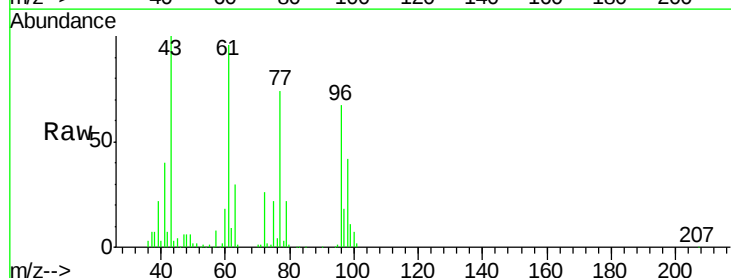
Manual Integrations
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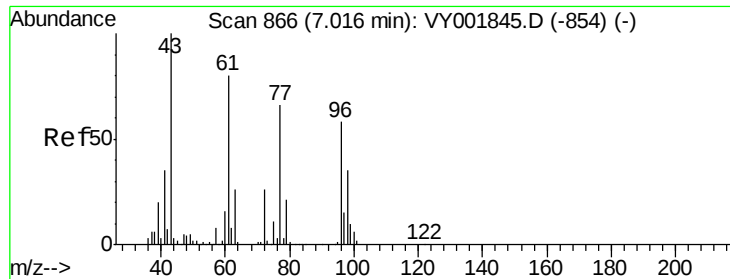
MMDadoda
3/10/2020 2:56:49 PM



#26
2,2-Dichloropropane
Concen: 48.436 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion: 77 Resp: 145170
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7





#27

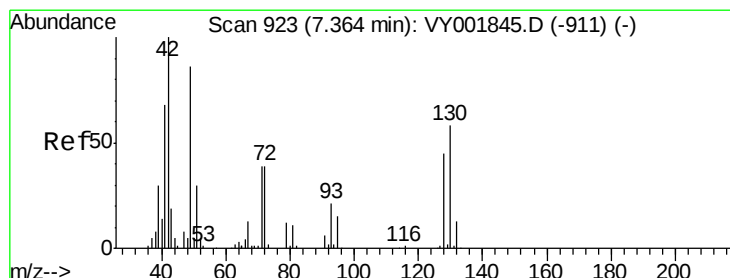
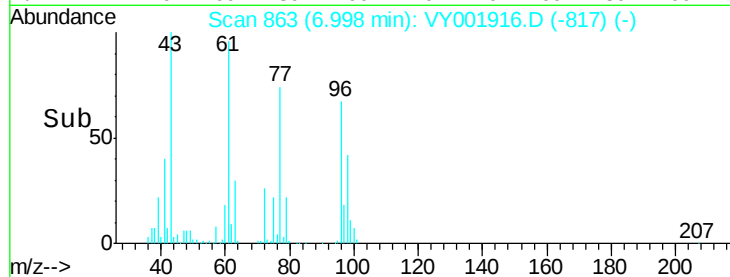
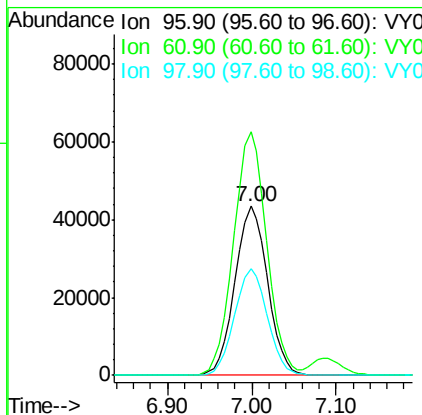
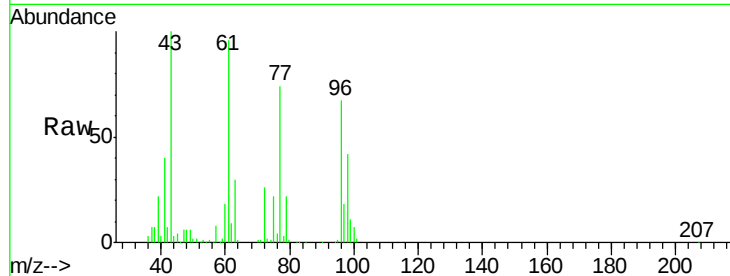
cis-1,2-Dichloroethene
Concen: 49.760 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	288.2
98	63.4	0.0	129.0

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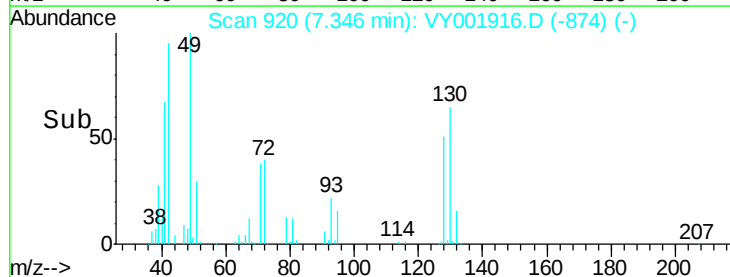
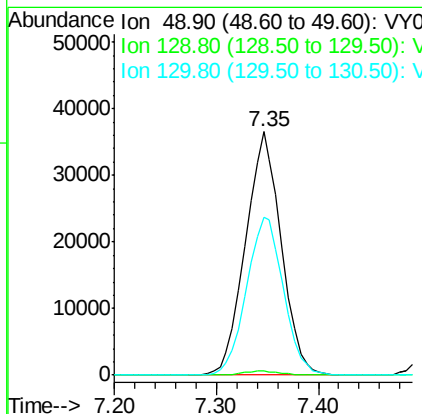
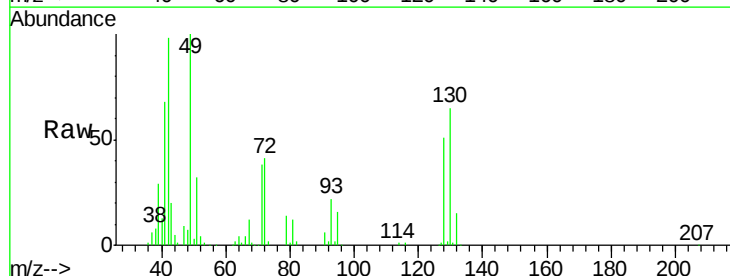
MMDadoda
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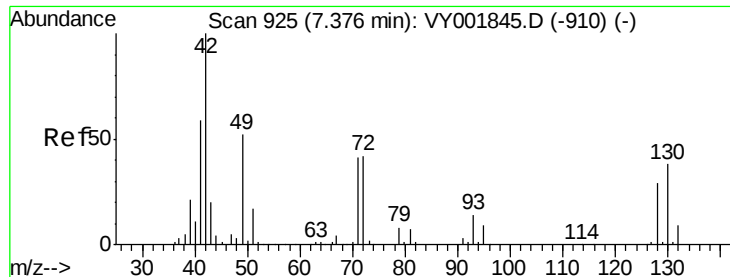


#28

Bromochloromethane
Concen: 53.963 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	66.9	54.4	81.6





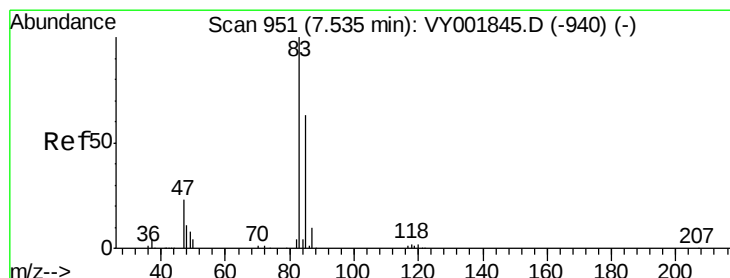
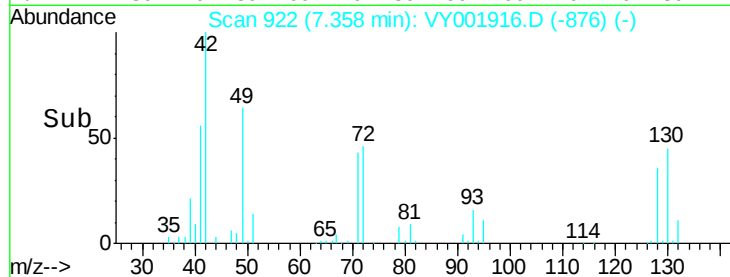
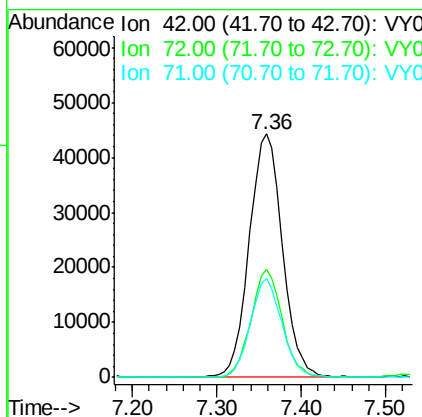
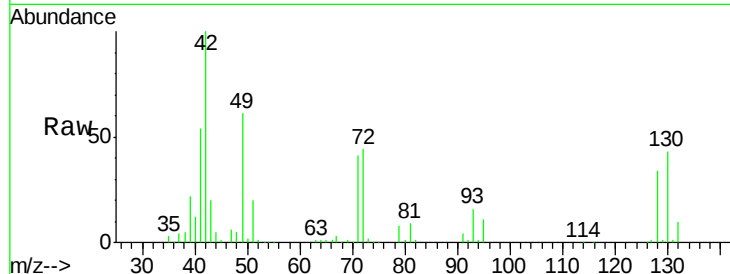
#29
Tetrahydrofuran
Concen: 226.477 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.5	50.3
71	38.7	31.3	46.9

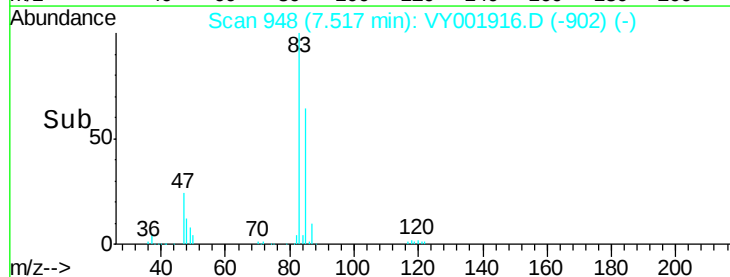
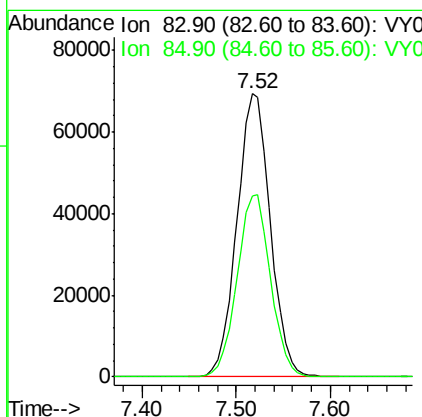
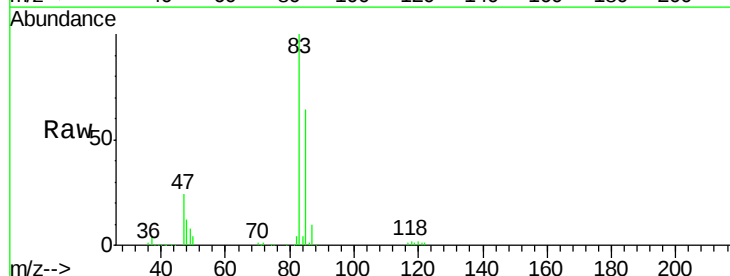
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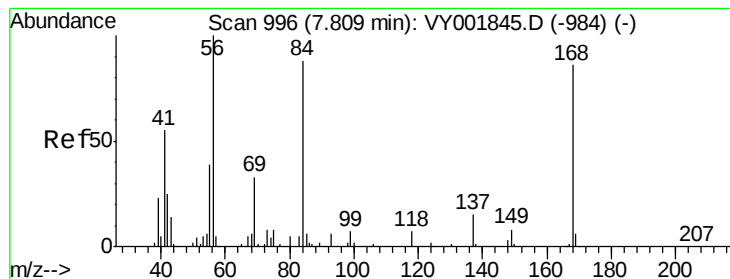
MMDadoda
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#30
Chloroform
Concen: 50.082 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.7	76.1





#31

Cvclohexane

Concen: 46.410 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 181710

Ion Ratio Lower Upper

56 100

69 32.7 26.7 40.1

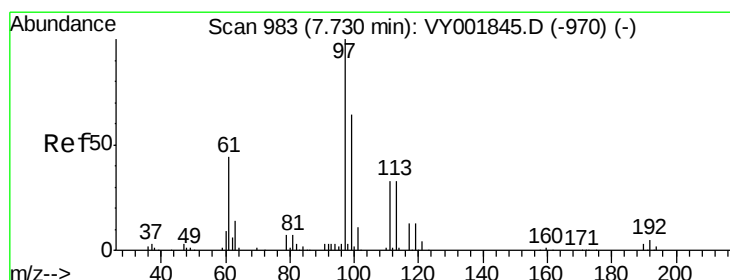
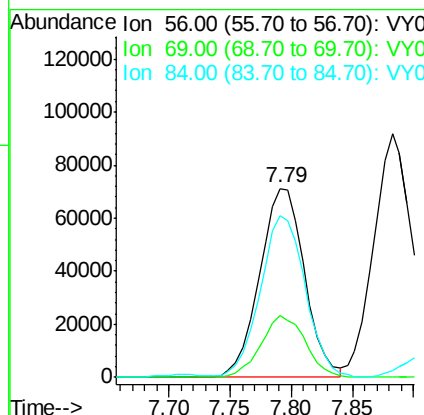
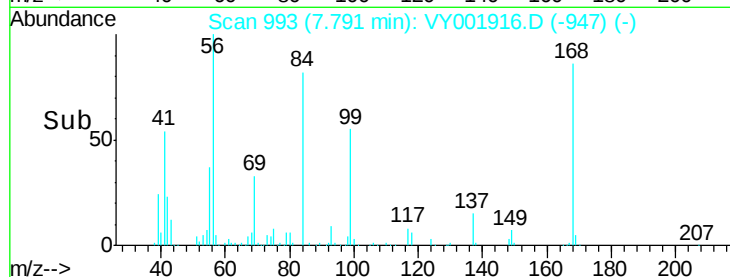
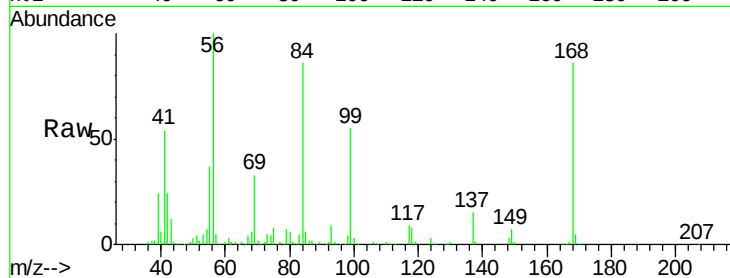
84 84.7 70.4 105.6

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#32

1,1,1-Trichloroethane

Concen: 50.085 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

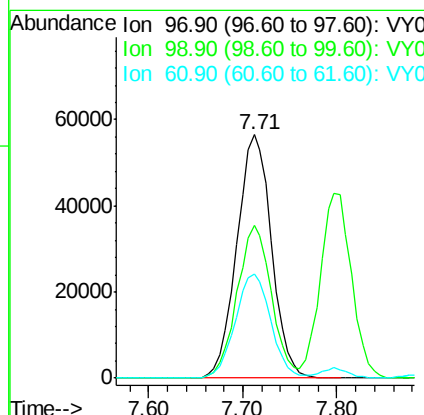
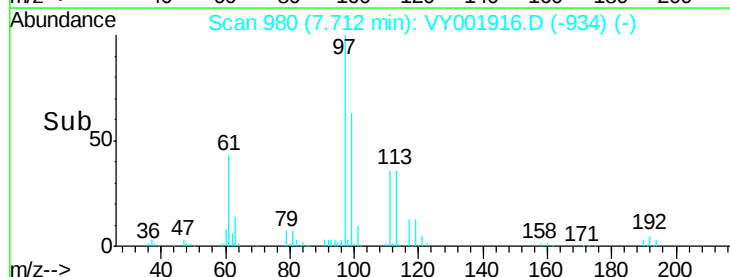
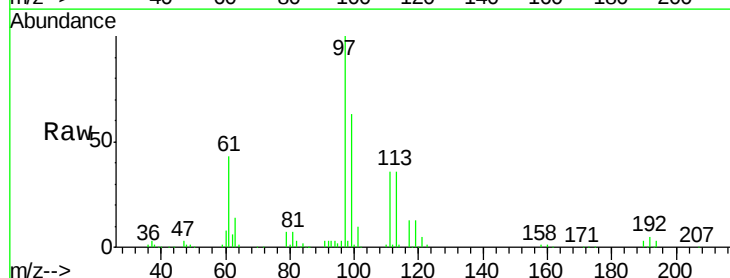
Tgt Ion: 97 Resp: 144829

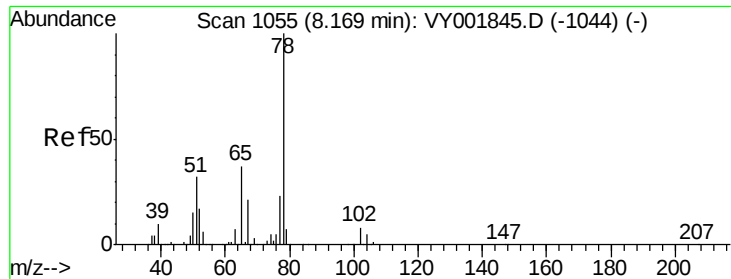
Ion Ratio Lower Upper

97 100

99 62.5 52.0 78.0

61 44.0 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 51.251 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 91316

Ion Ratio Lower Upper

65 100

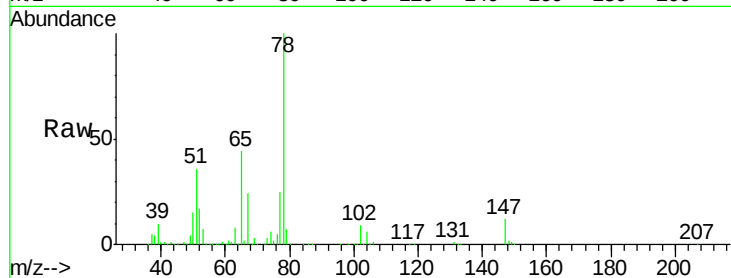
67 55.6 0.0 110.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VY001916.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001916.D (-1006) (-)

8.15

40000

30000

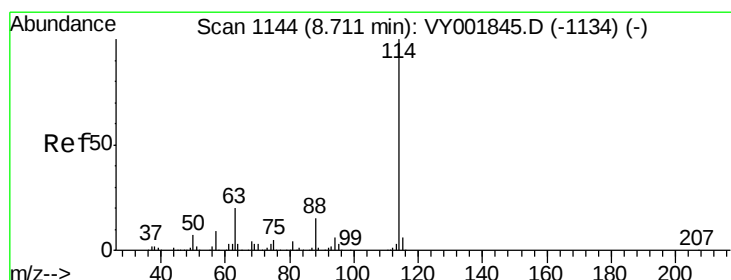
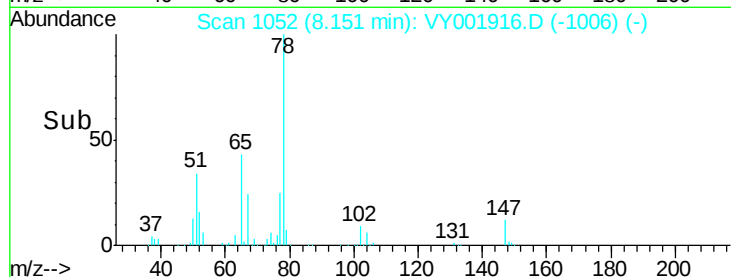
20000

10000

0

8.05 8.10 8.15 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

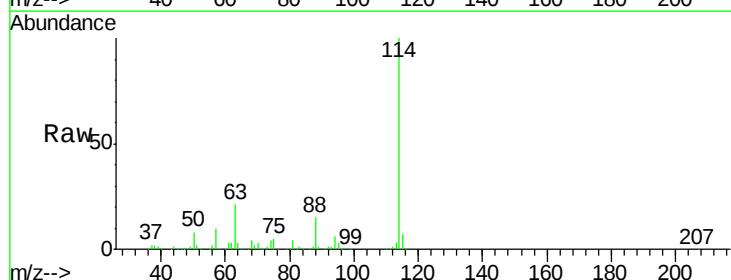
Tgt Ion: 114 Resp: 308307

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VY001916.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001916.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001916.D (-1095) (-)

8.69

200000

150000

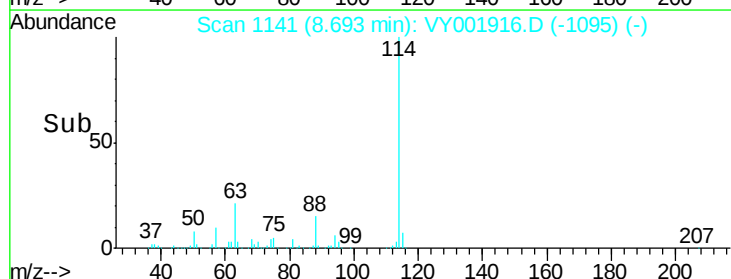
100000

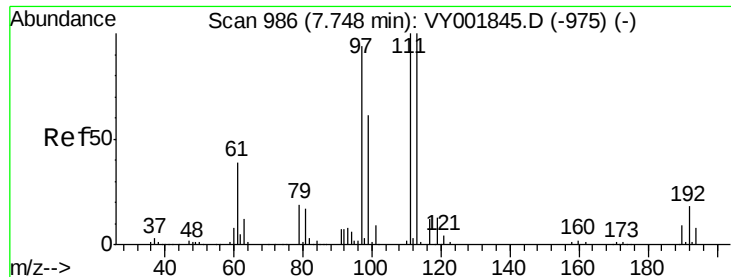
50000

0

8.60 8.70 8.80

Time-->





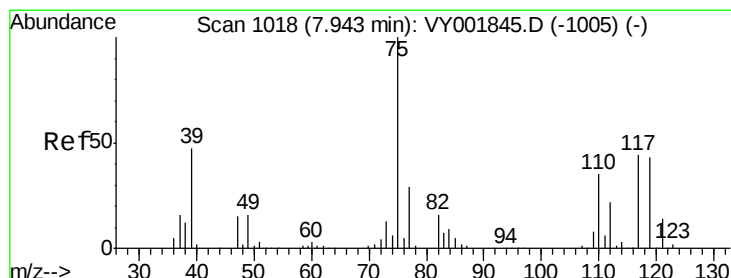
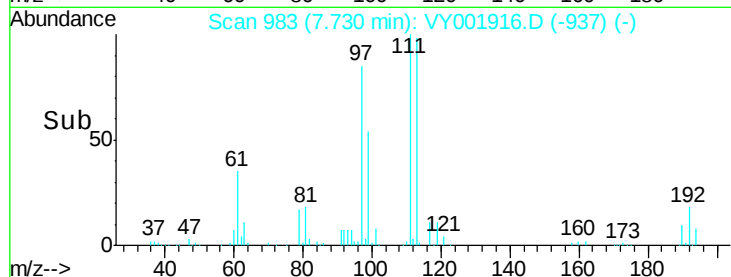
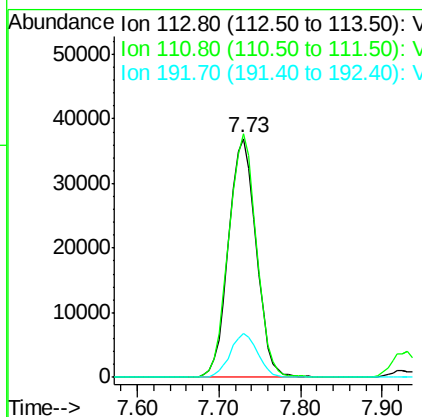
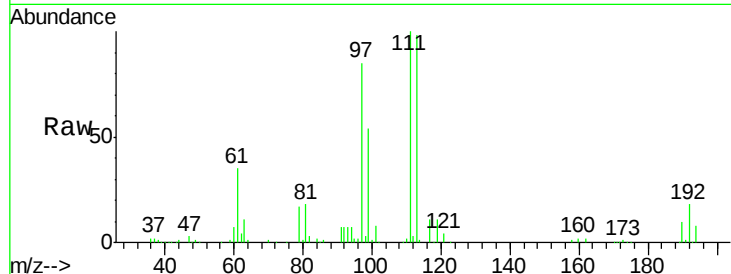
#35
 Dibromofluoromethane
 Concen: 51.170 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	18.4	14.2	21.2

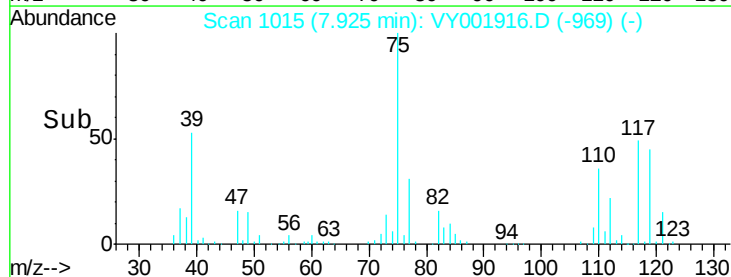
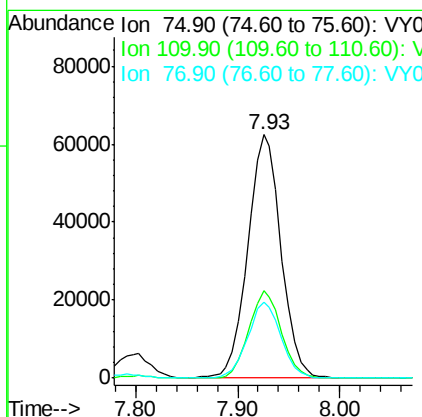
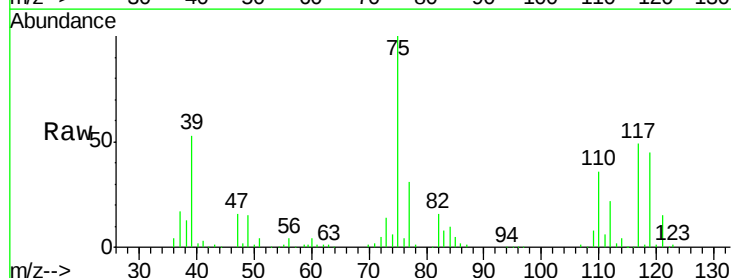
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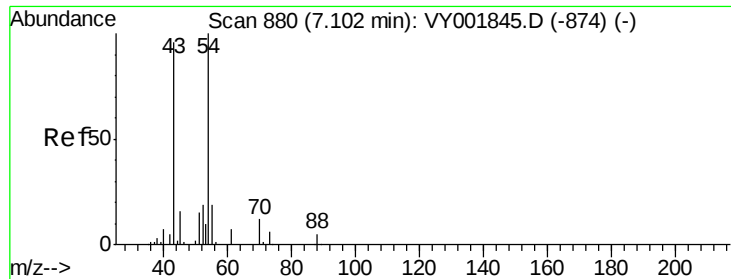
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 47.647 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	31.4	24.2	36.2





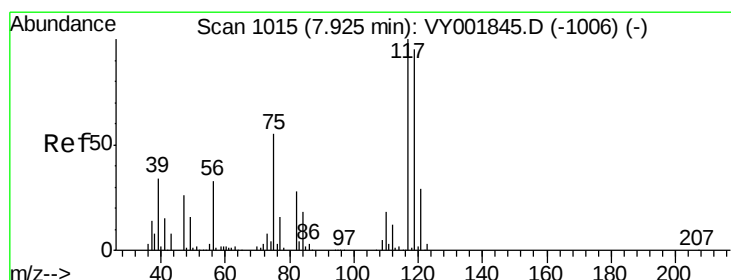
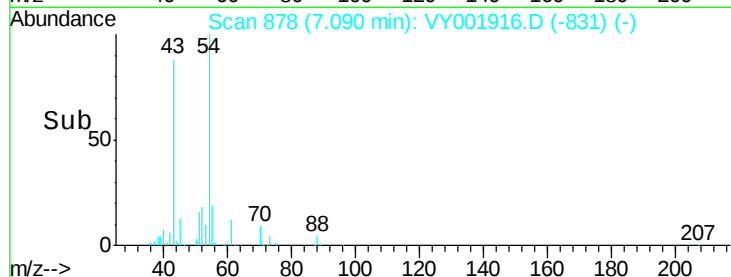
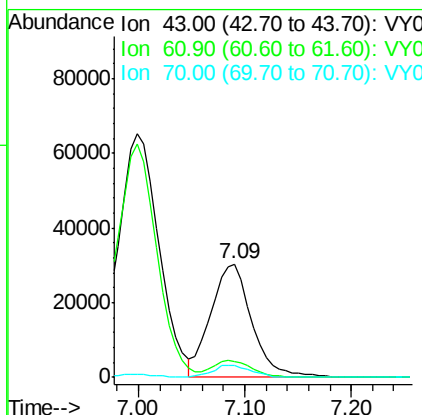
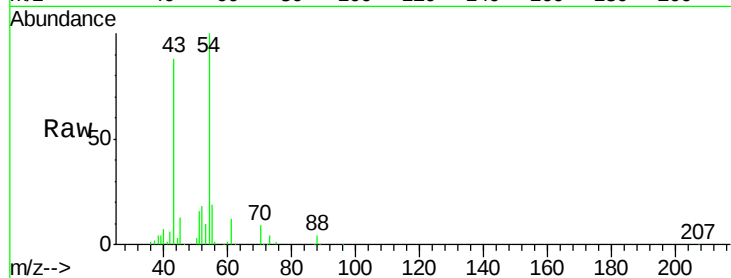
#37
Ethyl Acetate
Concen: 46.586 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.0	8.2	12.4

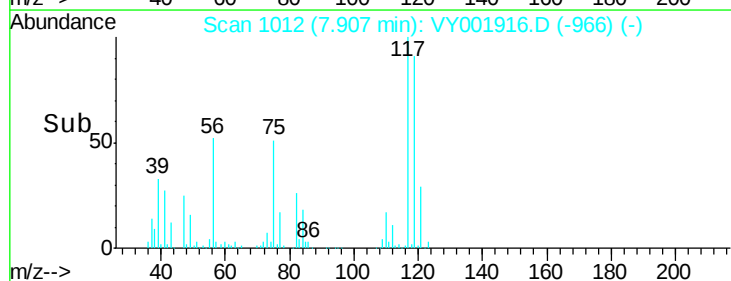
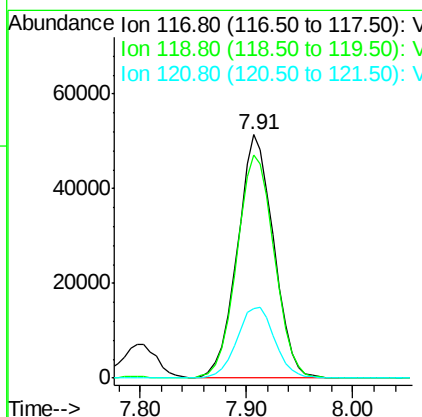
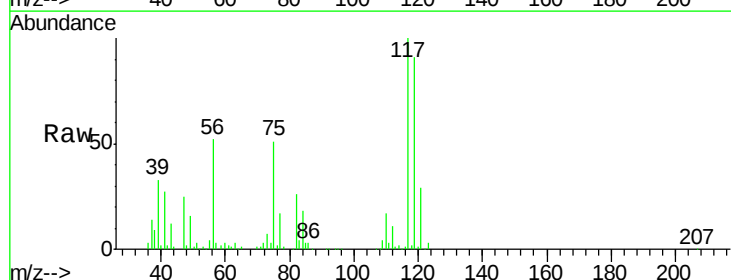
Manual Integrations
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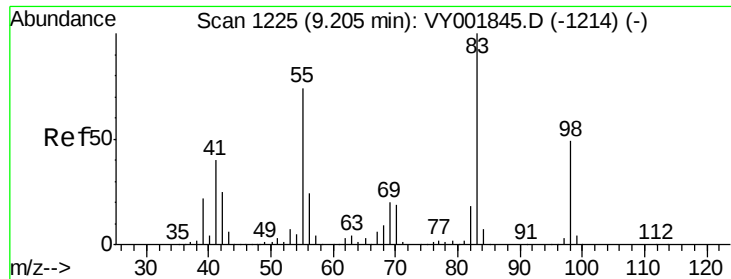
MMDadoda
3/10/2020 2:56:49 PM



#38
Carbon Tetrachloride
Concen: 48.477 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.3	114.5
121	28.7	23.5	35.3





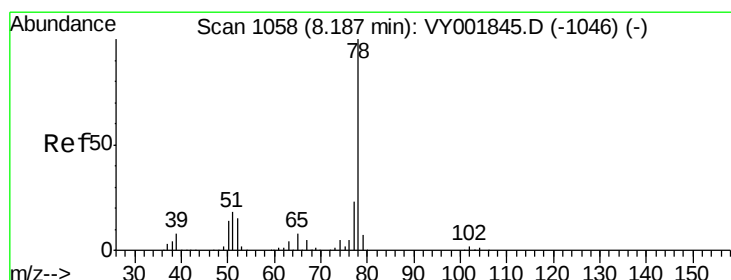
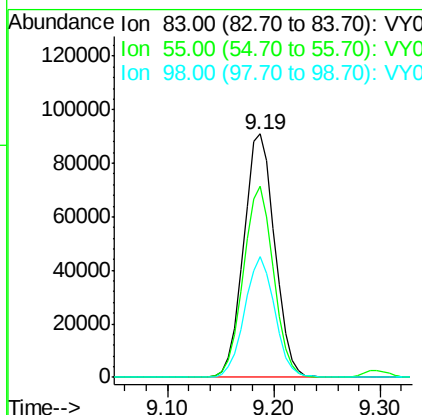
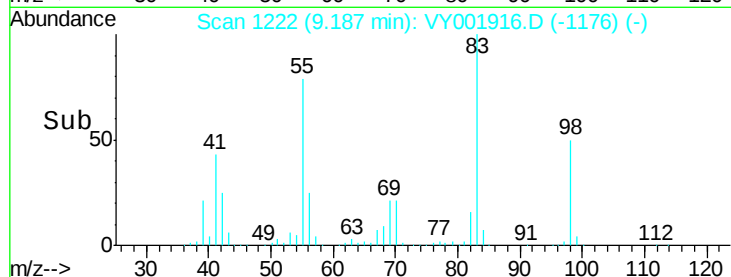
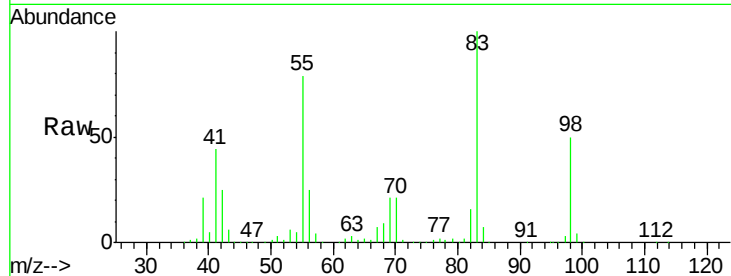
#39
Methvlcvclohexane
Concen: 47.410 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	83	Resp:	186560
Ion	Ratio	Lower	Upper
83	100		
55	78.5	59.4	89.0
98	49.6	38.9	58.3

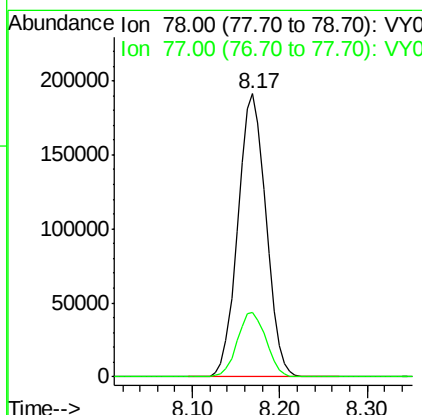
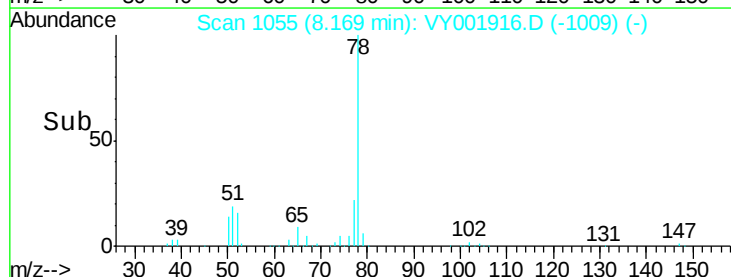
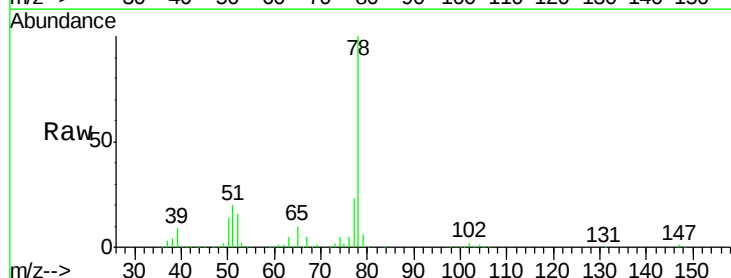
Manual Integrations
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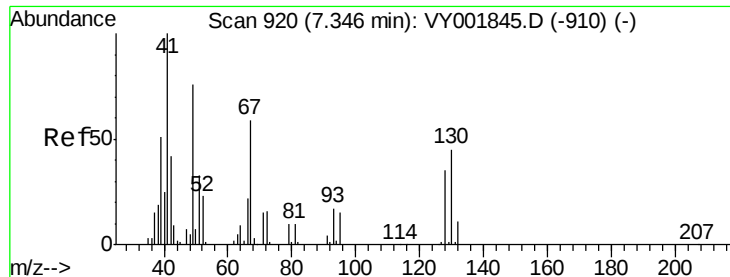
MMDadoda
3/10/2020 2:56:49 PM



#40
Benzene
Concen: 48.609 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion:	78	Resp:	427453
Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1





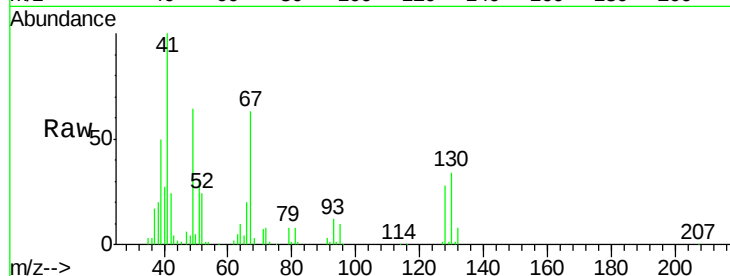
#41
Methacrylonitrile
Concen: 47.308 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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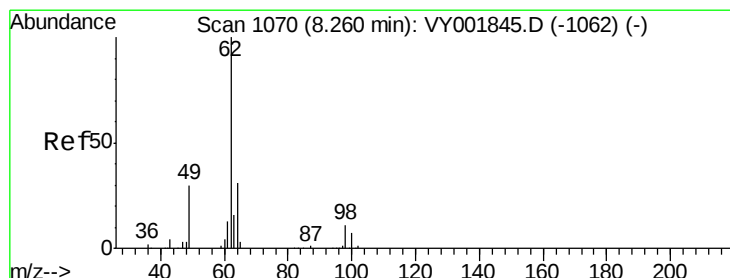
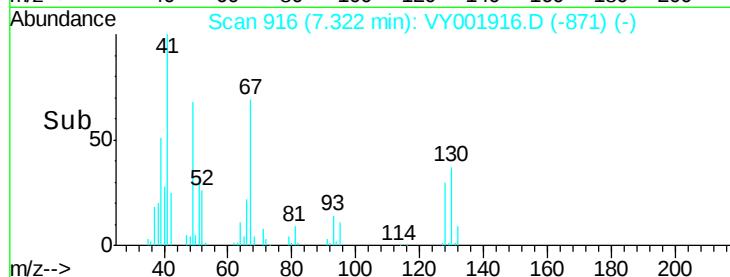
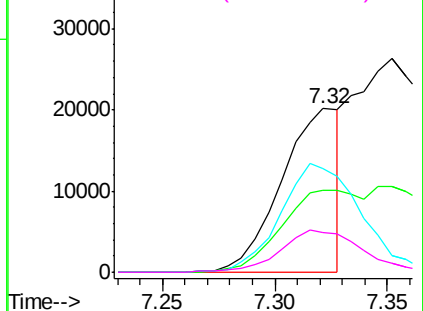


Abundance Ion 41.00 (40.70 to 41.70): VY001845.D (-910) (-)

Ion 39.00 (38.70 to 39.70): VY001845.D (-910) (-)

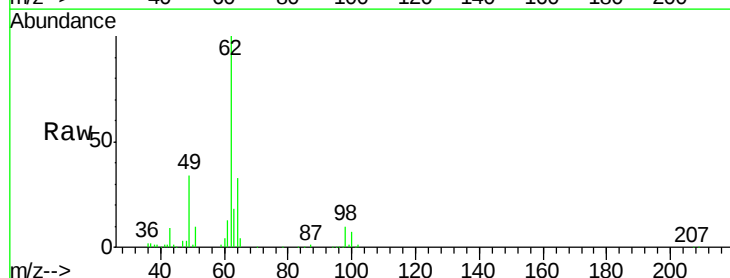
Ion 67.00 (66.70 to 67.70): VY001845.D (-910) (-)

Ion 52.00 (51.70 to 52.70): VY001845.D (-910) (-)



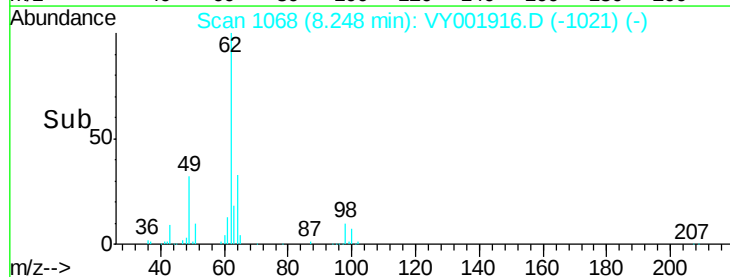
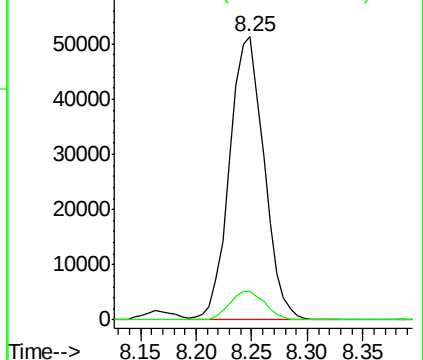
#42
1,2-Dichloroethane
Concen: 48.782 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

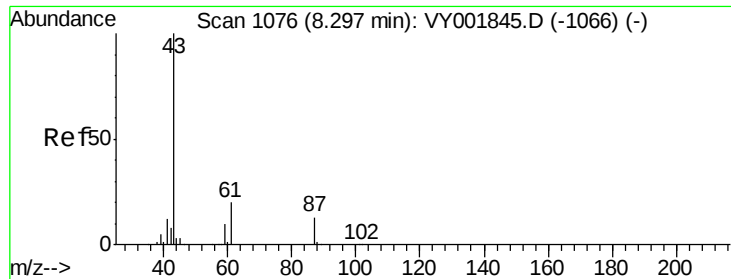
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VY001845.D (-1062) (-)

Ion 97.90 (97.60 to 98.60): VY001845.D (-1062) (-)





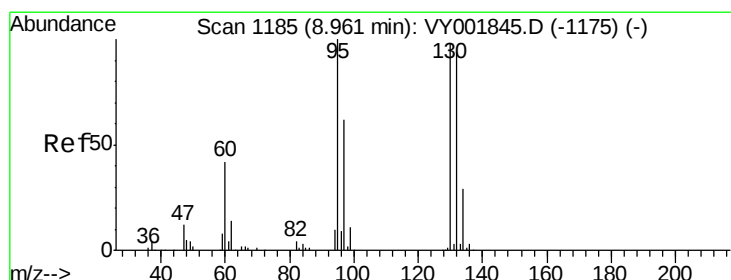
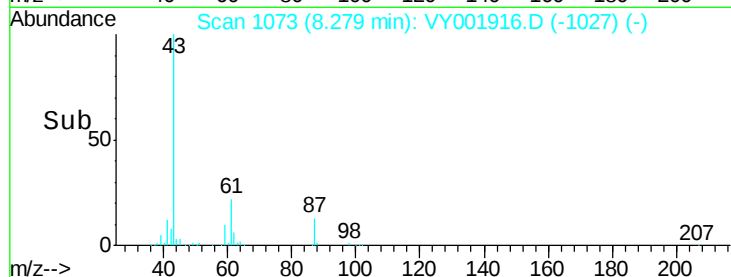
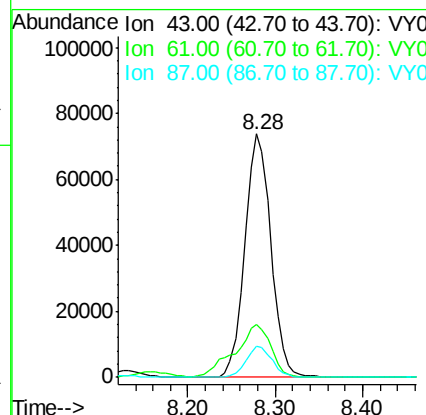
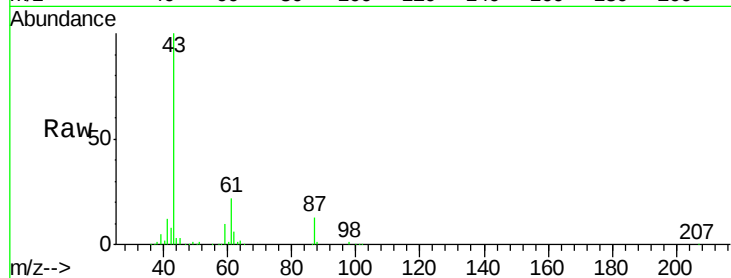
#43
Isopropyl Acetate
Concen: 46.651 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.8	35.6
87	12.9	10.9	16.3

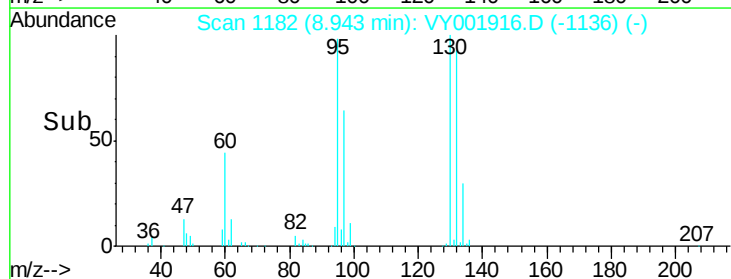
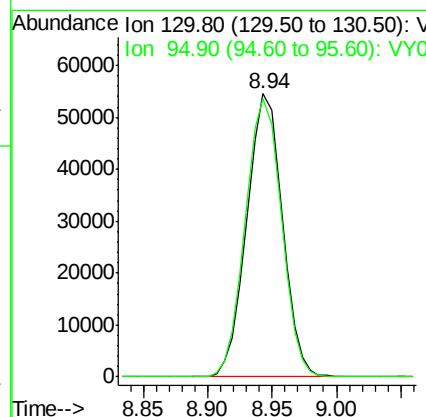
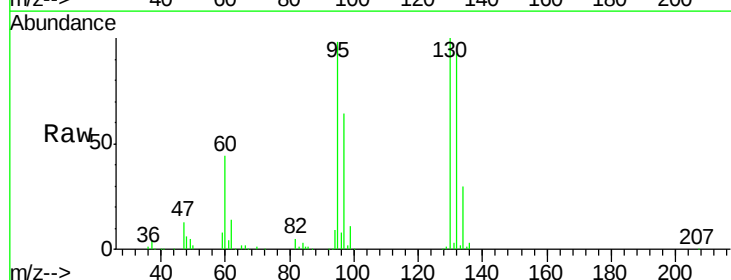
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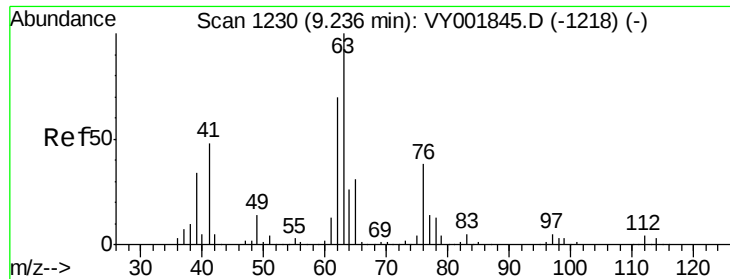
MMDadoda
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#44
Trichloroethene
Concen: 48.754 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	204.6





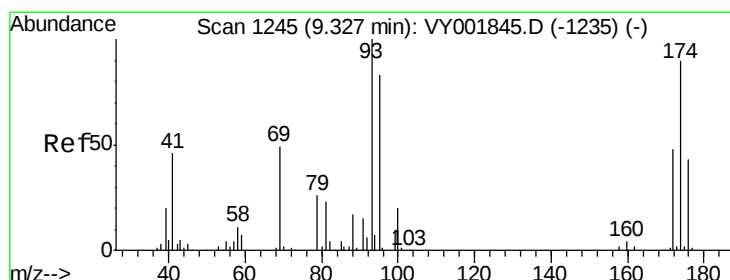
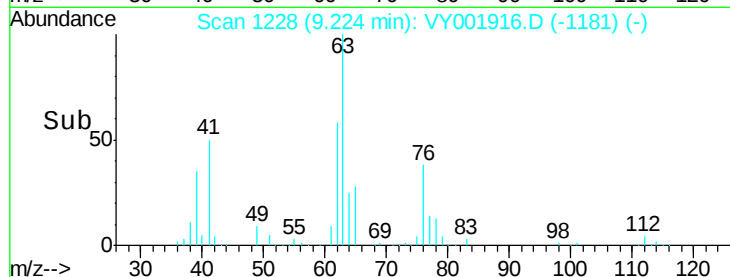
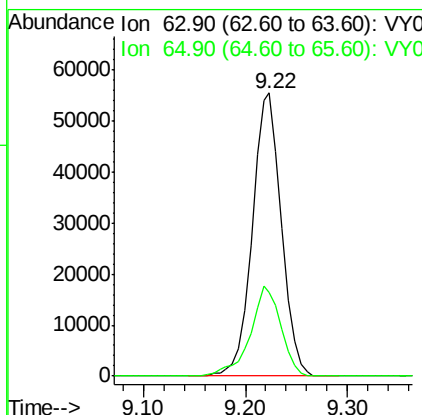
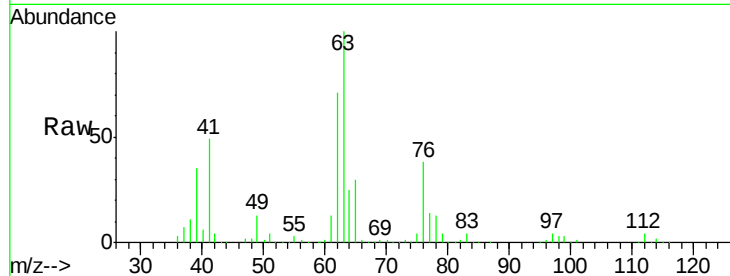
#45
 1,2-Dichloropropane
 Concen: 49.577 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 109594
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.9 37.3

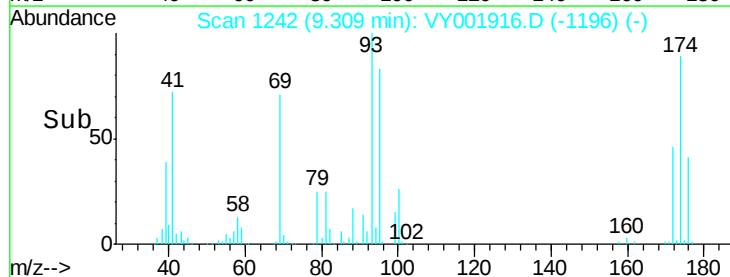
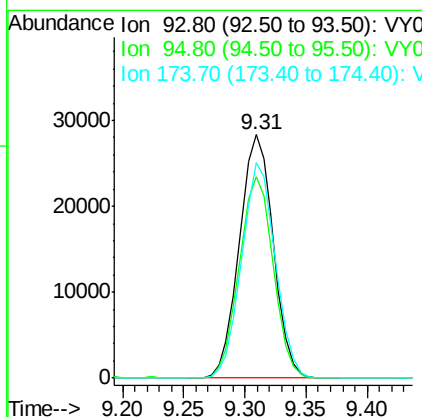
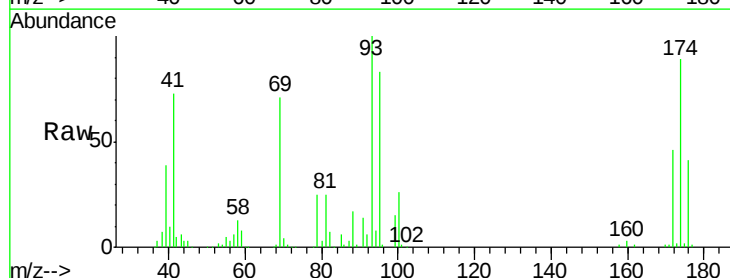
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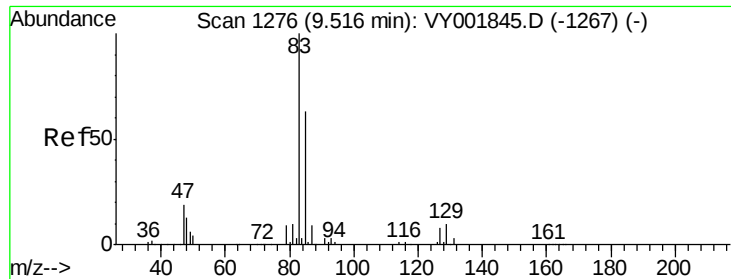
MMDadoda
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#46
 Dibromomethane
 Concen: 47.892 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion: 93 Resp: 54557
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.4
 174 88.0 71.8 107.8





#47

Bromodichloromethane

Concen: 49.916 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

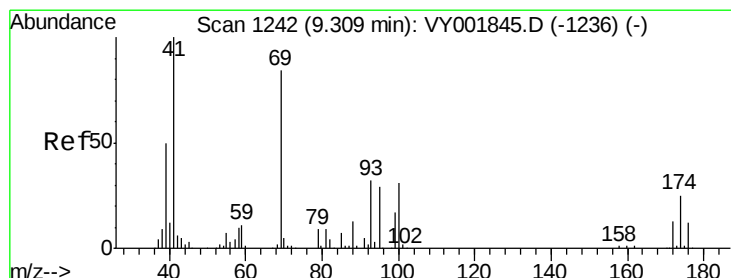
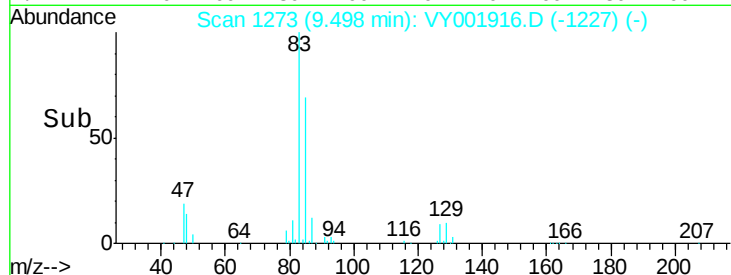
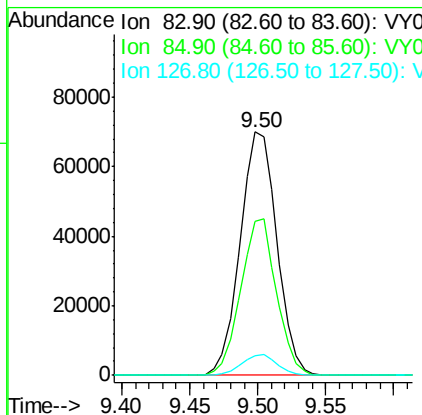
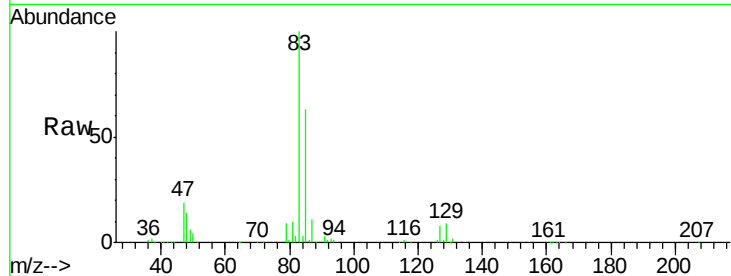
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	132275
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.6	76.0
127	8.3	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.125 ug/l

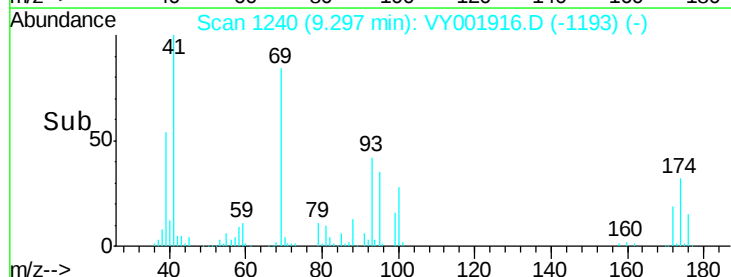
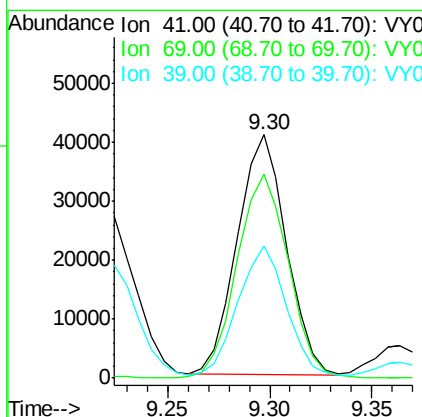
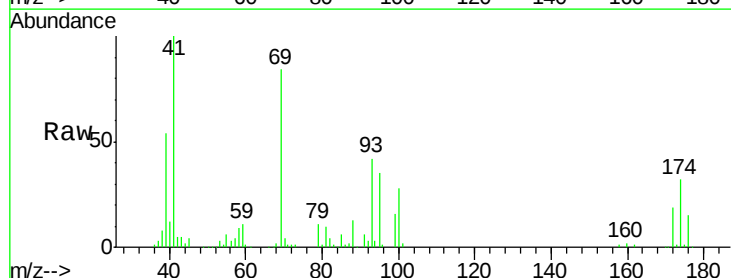
RT: 9.30 min Scan# 1240

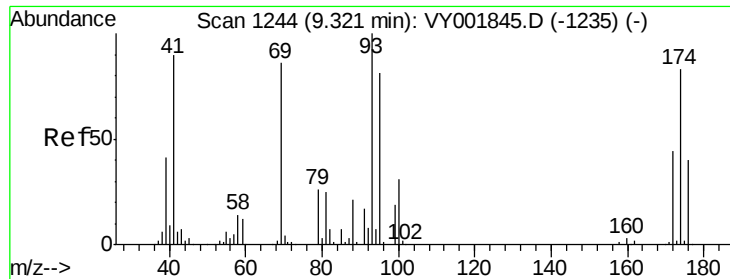
Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Tgt Ion:	41	Resp:	68266
Ion Ratio	Lower	Upper	
41	100		
69	88.6	69.0	103.6
39	55.1	39.1	58.7





#49

1,4-Dioxane

Concen: 876.519 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 13682

Ion Ratio Lower Upper

88 100

43 33.6 25.0 37.6

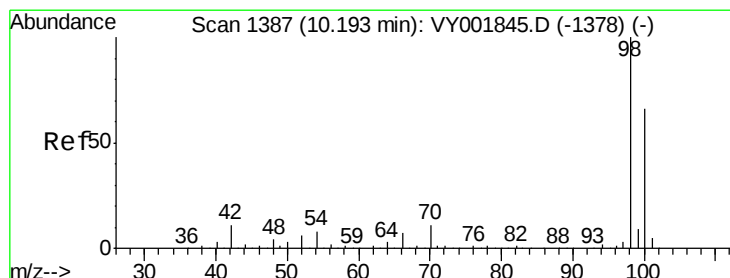
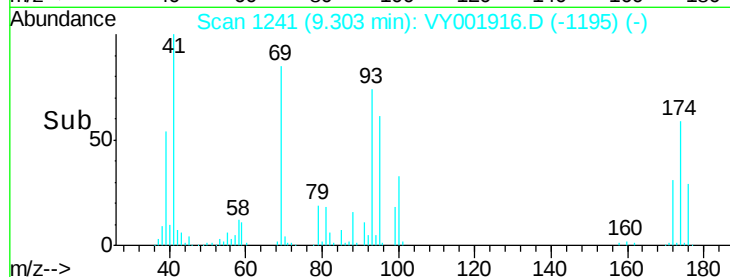
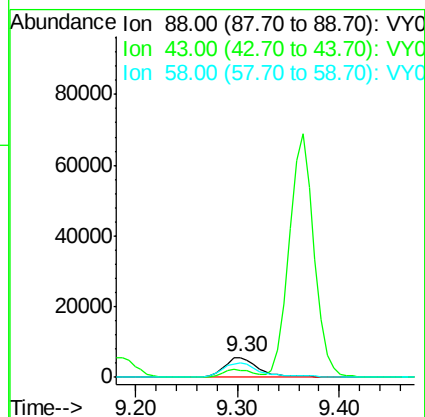
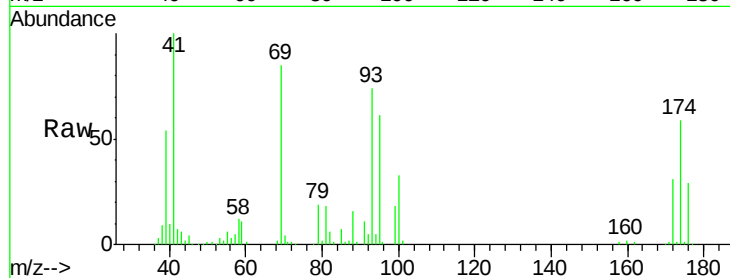
58 79.0 58.9 88.3

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#50

Toluene-d8

Concen: 50.593 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001916.D

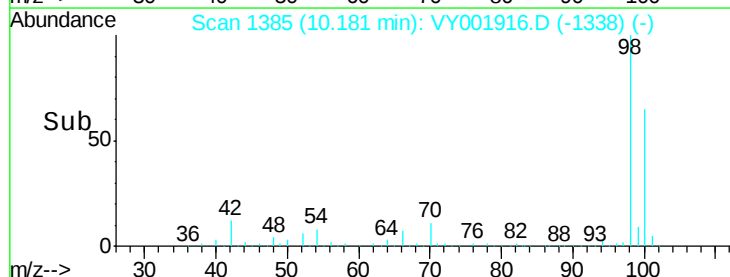
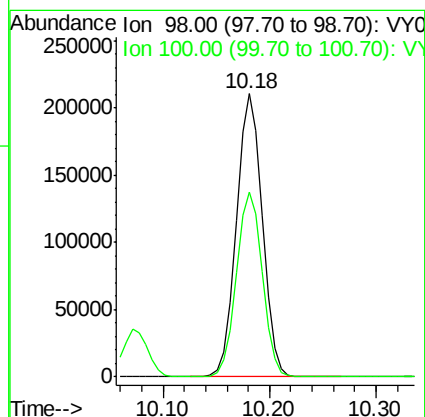
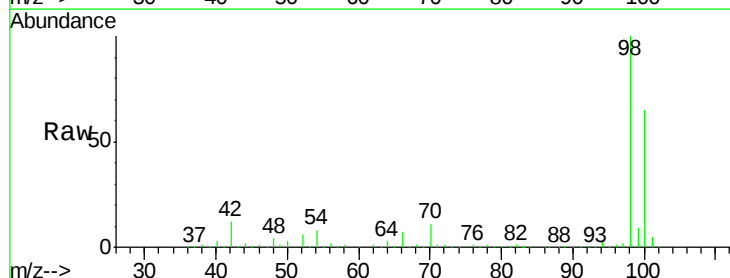
Acq: 09 Mar 2020 18:16

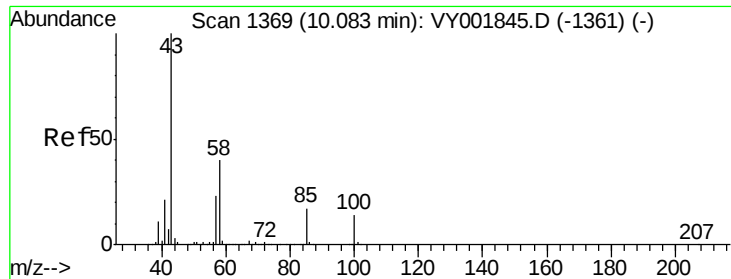
Tgt Ion: 98 Resp: 359164

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 234.309 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 393997

Ion Ratio Lower Upper

43 100

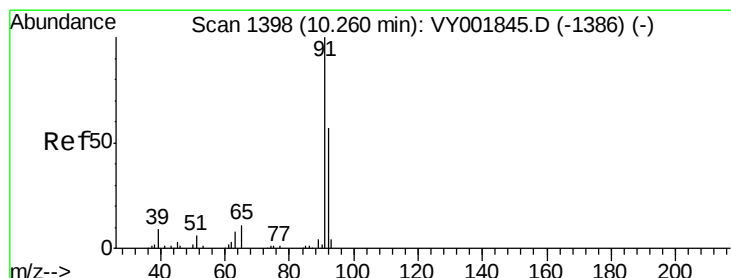
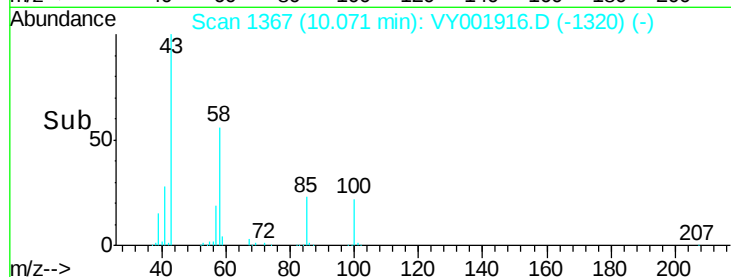
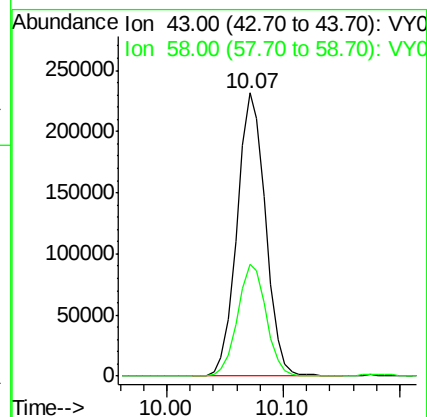
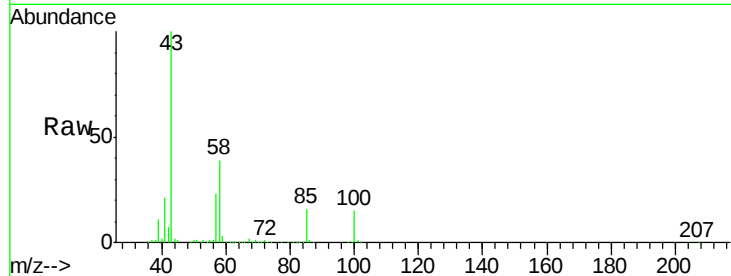
58 39.7 32.0 48.0

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#52

Toluene

Concen: 49.085 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001916.D

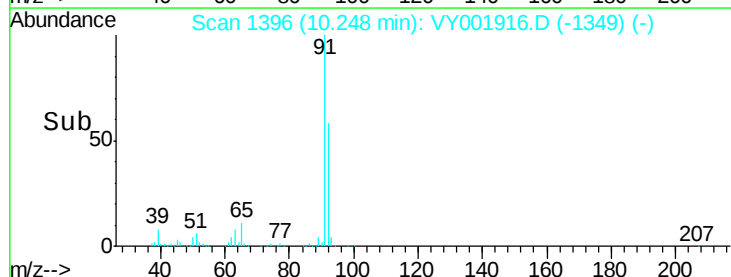
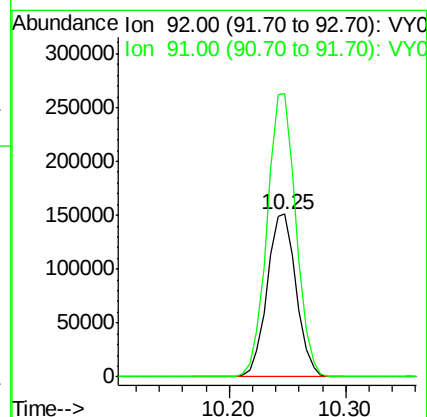
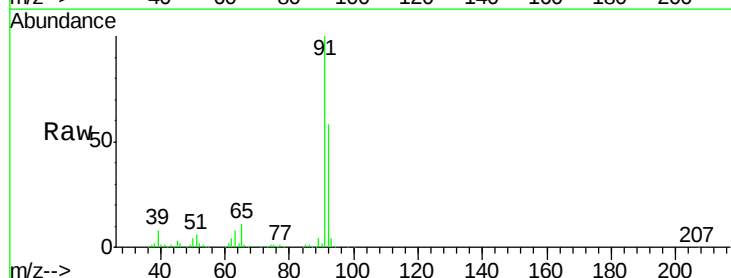
Acq: 09 Mar 2020 18:16

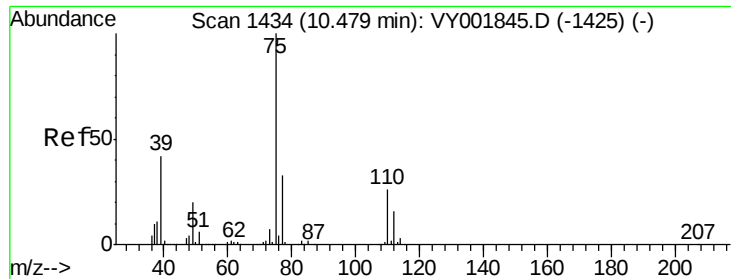
Tgt Ion: 92 Resp: 262214

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0





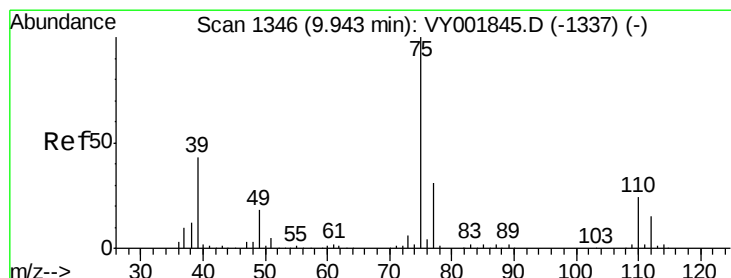
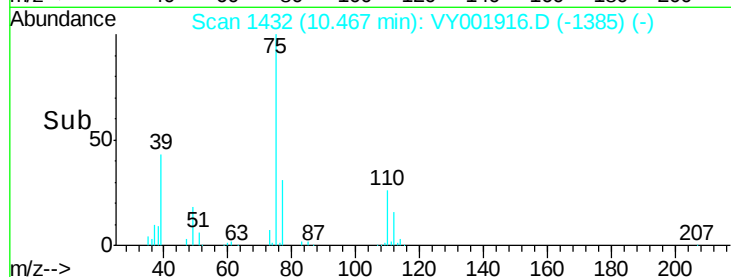
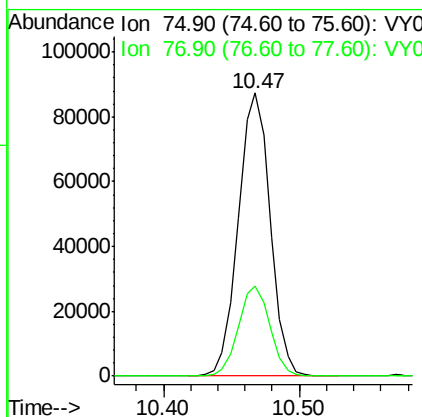
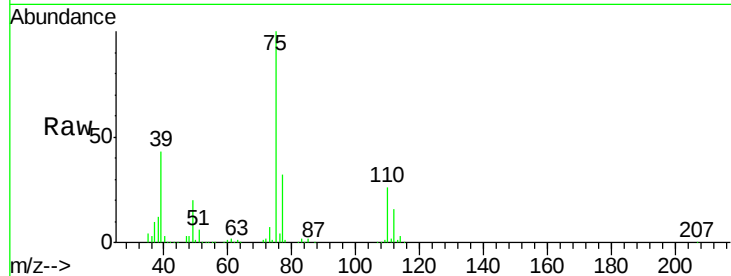
#53
t-1,3-Dichloropropene
Concen: 49.358 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 142499
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5

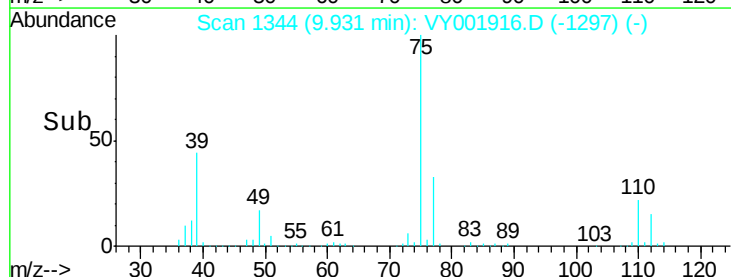
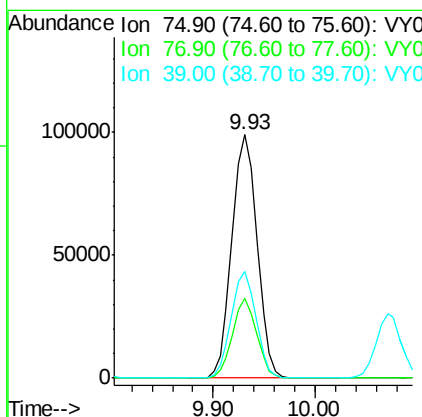
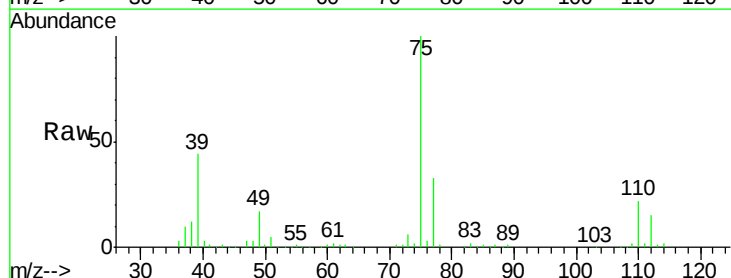
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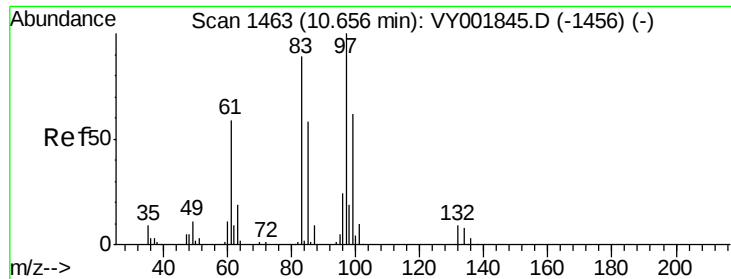
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#54
cis-1,3-Dichloropropene
Concen: 49.173 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion: 75 Resp: 169003
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7
39 43.8 34.7 52.1





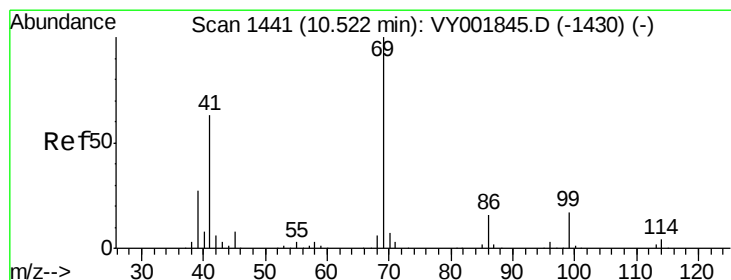
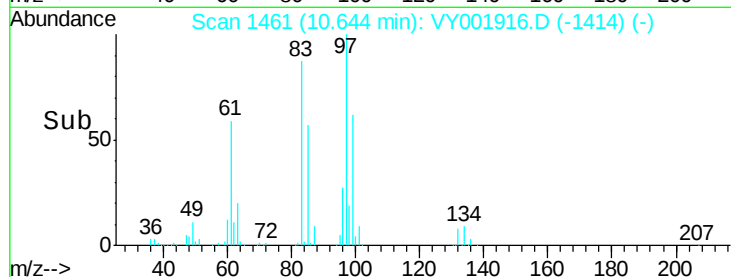
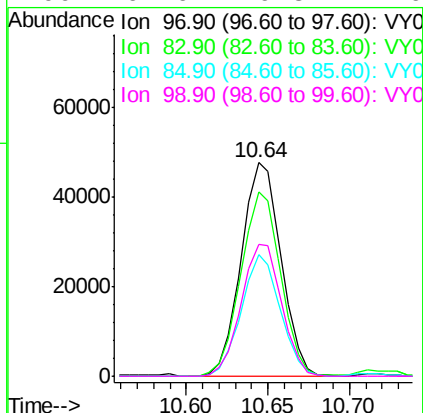
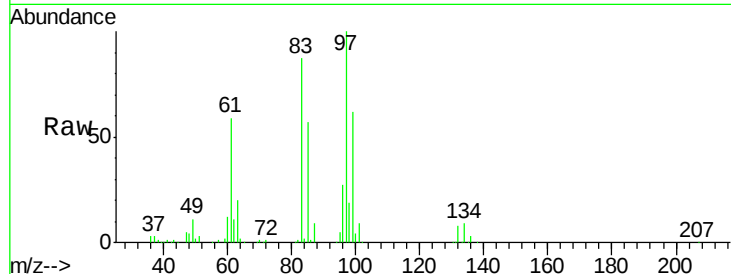
#55
1,1,2-Trichloroethane
Concen: 48.666 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.6	107.4
85	57.1	46.6	69.8
99	61.6	49.8	74.6

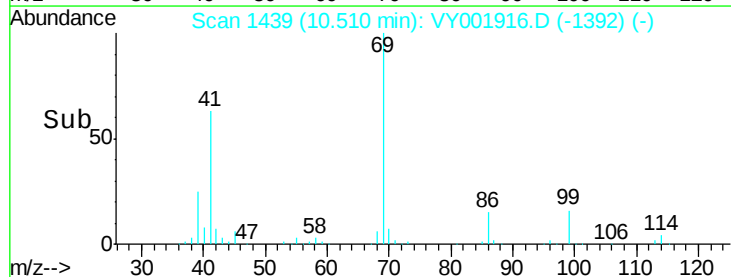
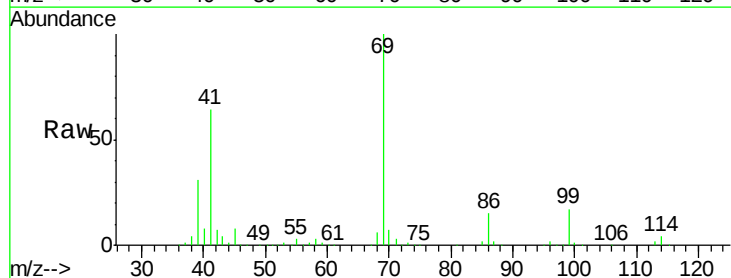
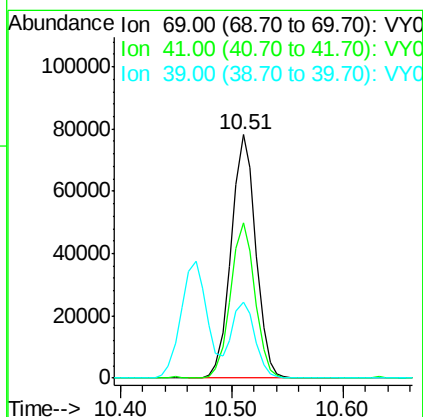
Manual Integrations
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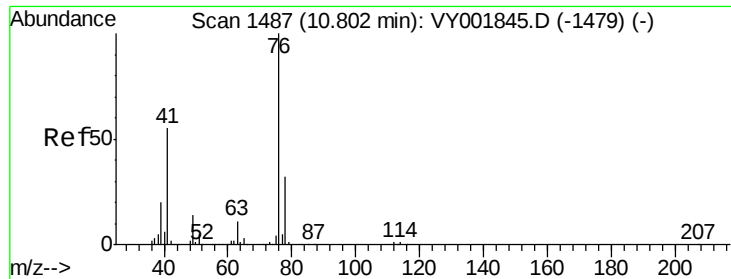
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#56
Ethyl methacrylate
Concen: 48.891 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.9	74.9
39	29.2	23.0	34.6





#57

1,3-Dichloropropane

Concen: 47.781 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 141995

Ion Ratio Lower Upper

76 100

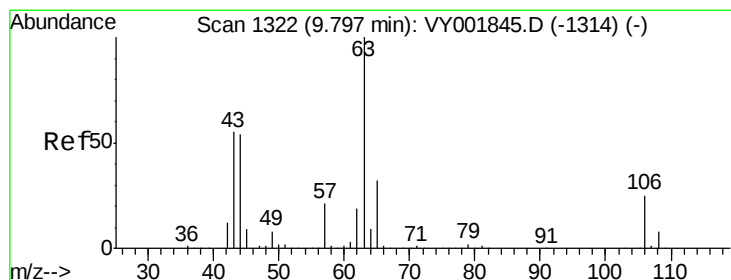
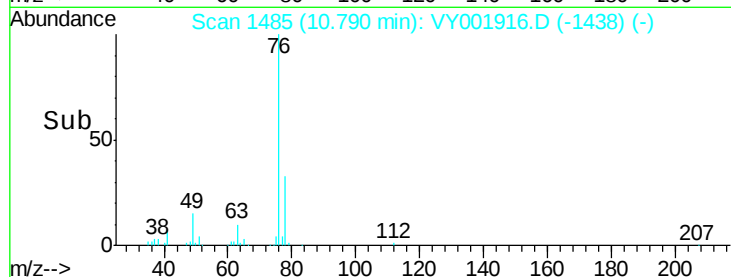
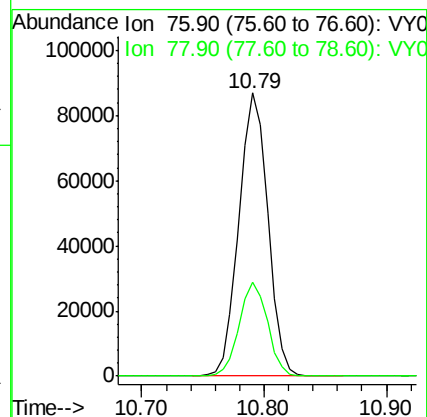
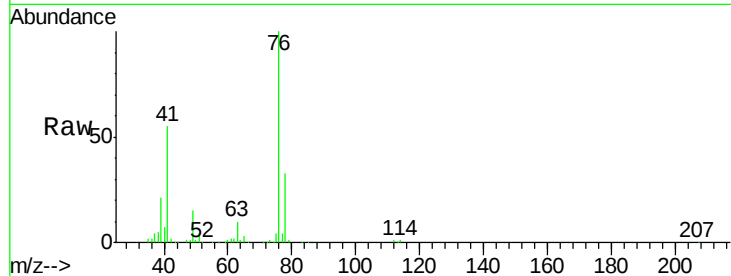
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 224.988 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY001916.D

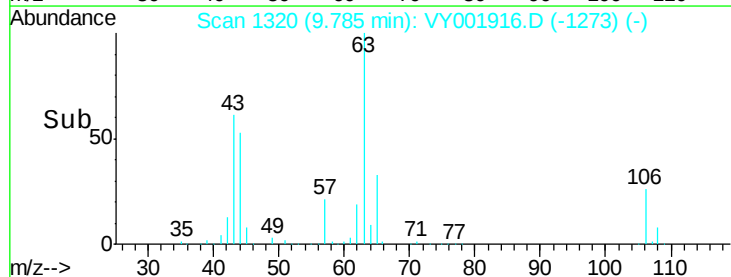
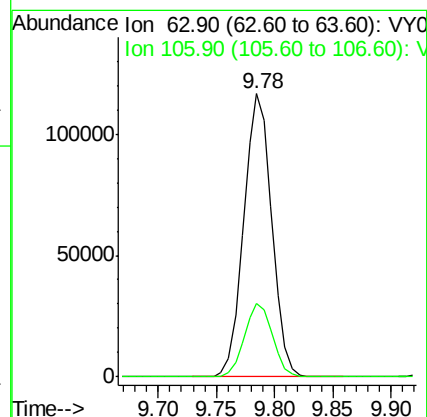
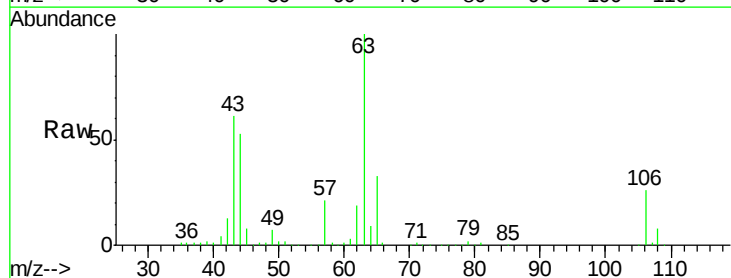
Acq: 09 Mar 2020 18:16

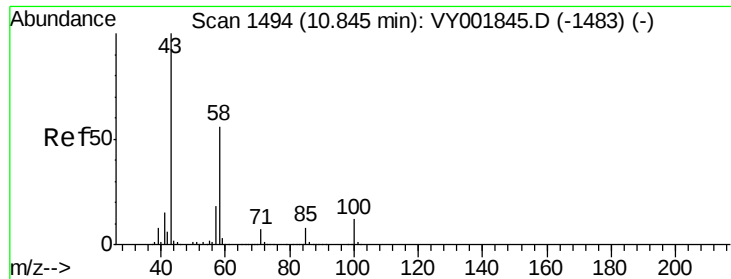
Tgt Ion: 63 Resp: 194943

Ion Ratio Lower Upper

63 100

106 26.0 21.3 31.9





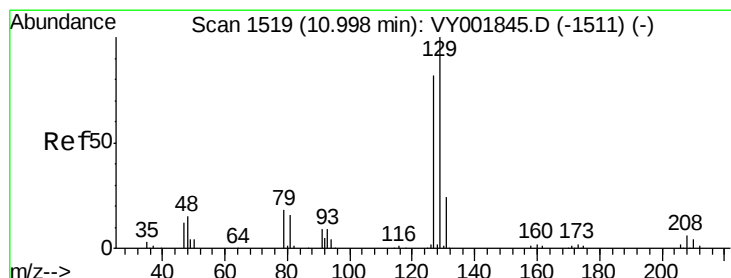
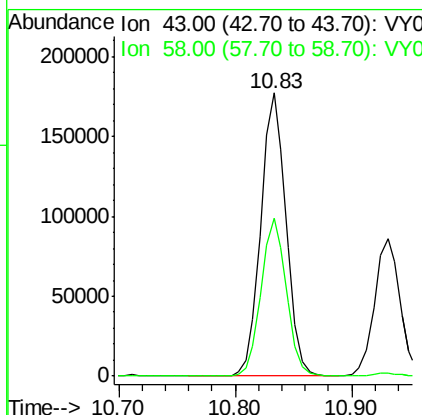
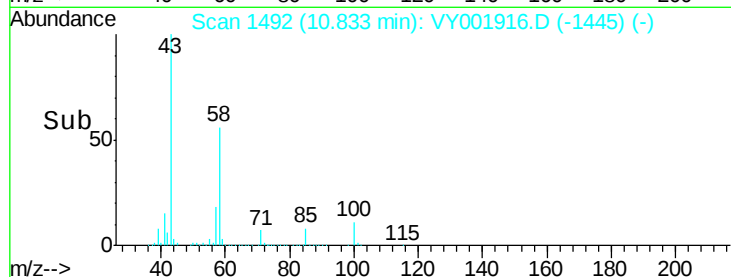
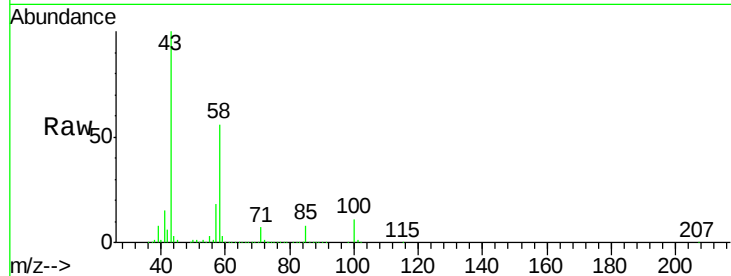
#59
2-Hexanone
Concen: 223.761 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 268558
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3

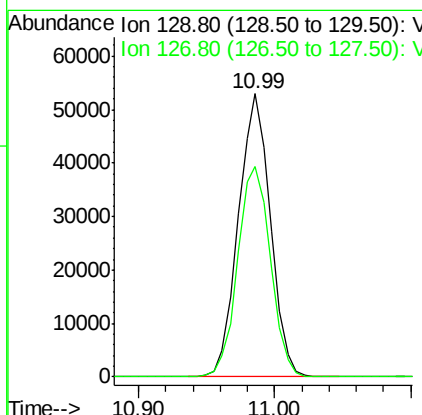
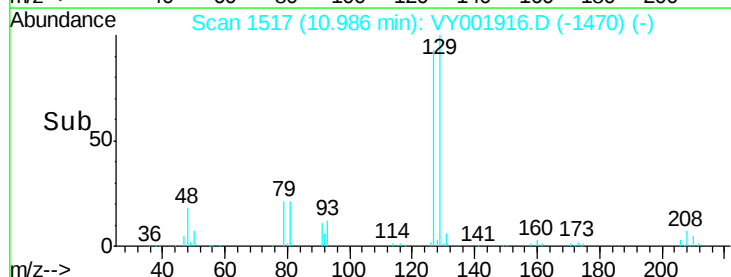
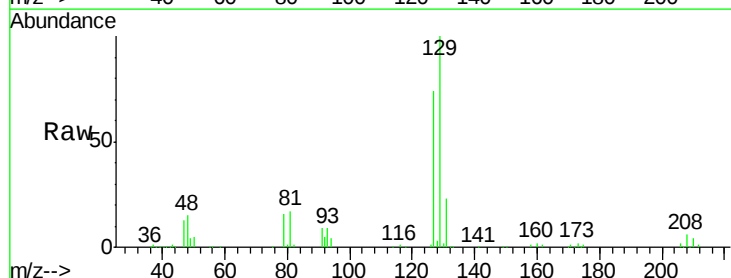
Manual Integrations
APPROVED

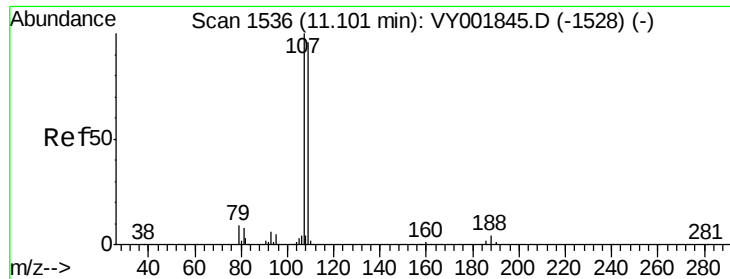
MMDadoda
3/10/2020 2:56:49 PM



#60
Dibromochloromethane
Concen: 49.411 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion: 129 Resp: 86803
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0





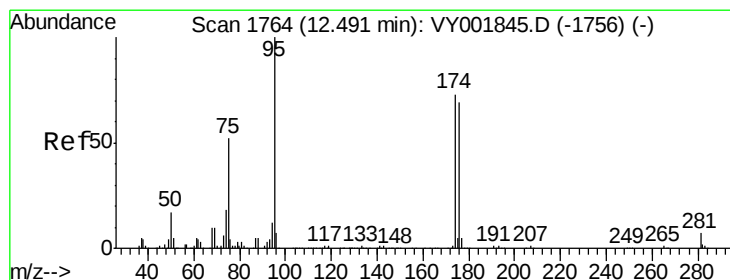
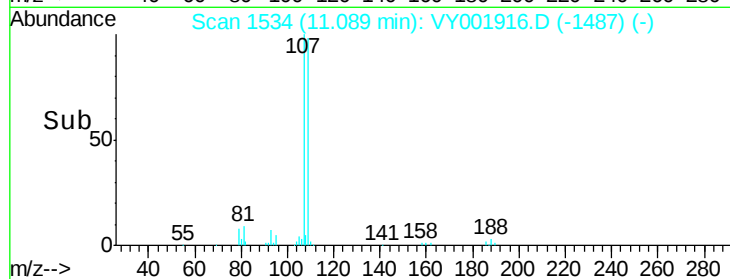
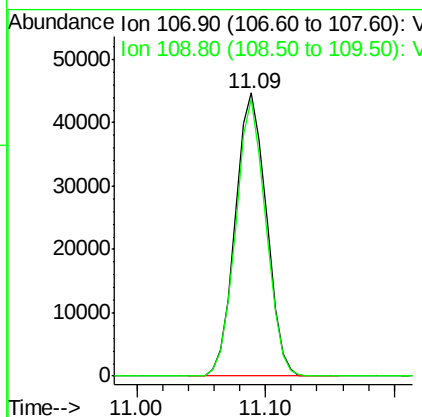
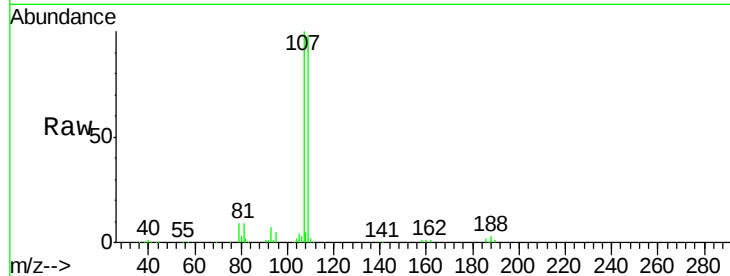
#61
 1,2-Dibromoethane
 Concen: 47.408 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 74867
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0

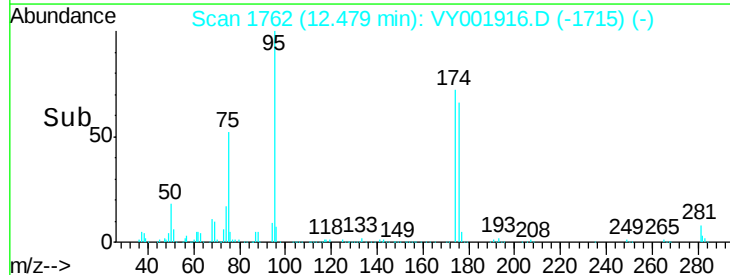
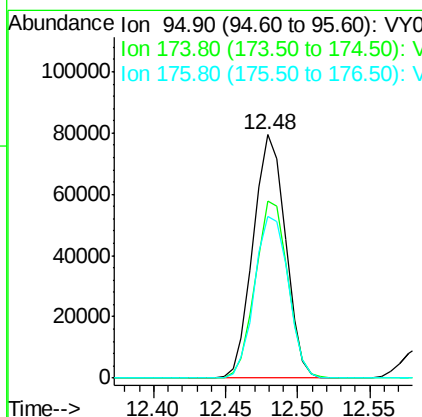
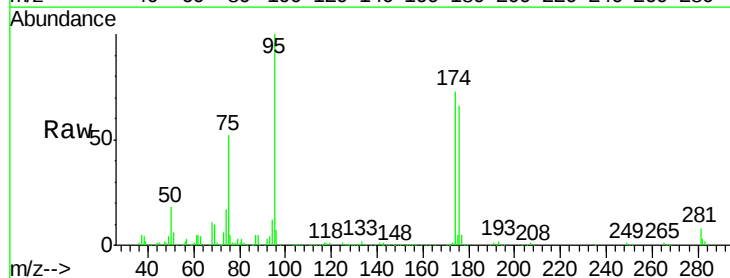
Manual Integrations
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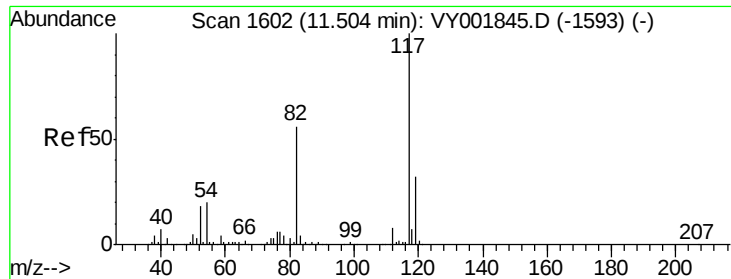
MMDadoda
 3/10/2020 2:56:49 PM



#62
 4-Bromofluorobenzene
 Concen: 49.968 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion: 95 Resp: 123342
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 145.0
 176 69.1 0.0 137.4





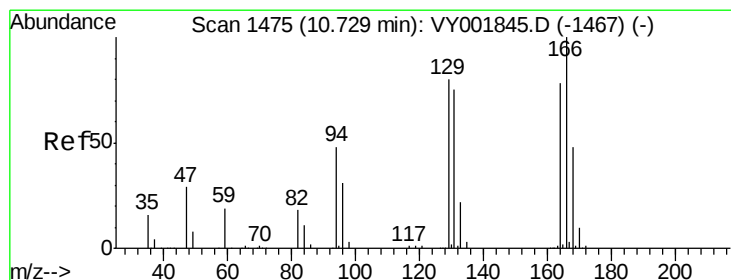
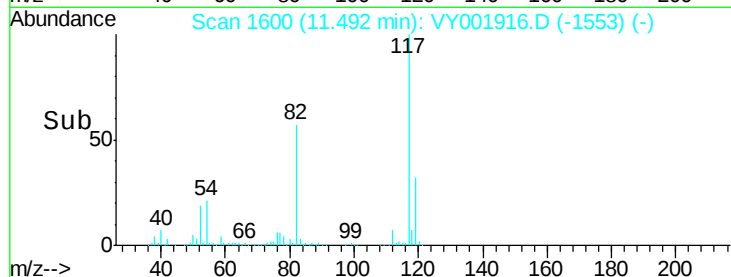
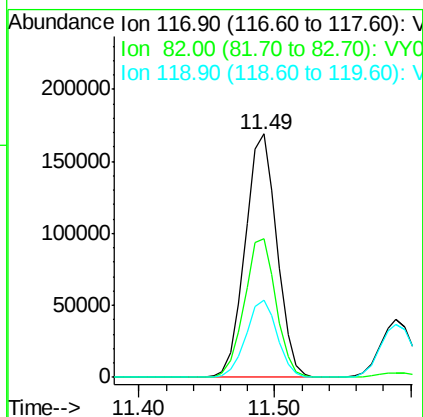
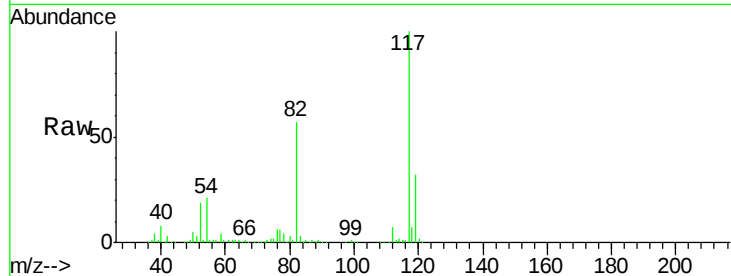
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.5	66.7
119	31.9	25.7	38.5

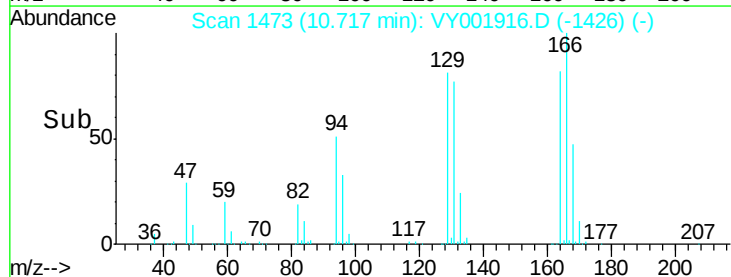
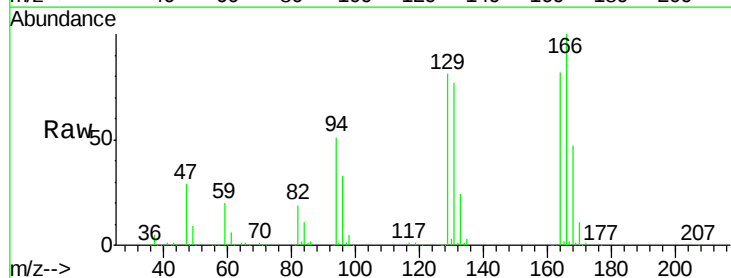
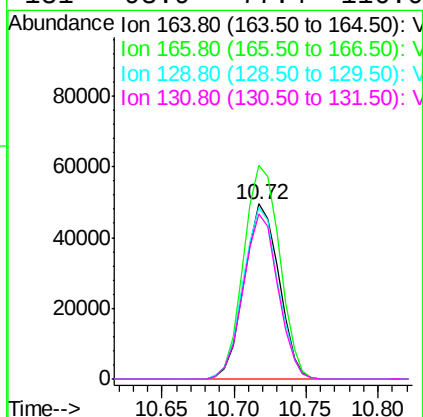
Manual Integrations
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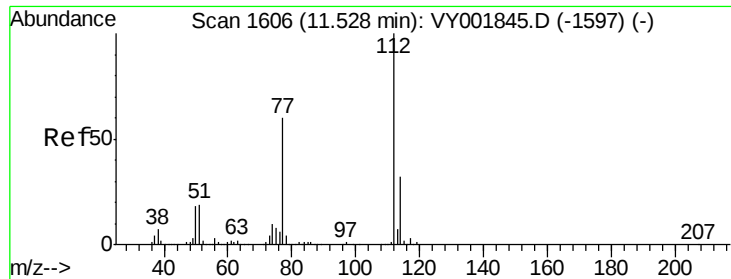
MMDadoda
3/10/2020 2:56:49 PM



#64
Tetrachloroethene
Concen: 47.759 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	102.6	154.0
129	98.2	82.3	123.5
131	93.9	77.4	116.0





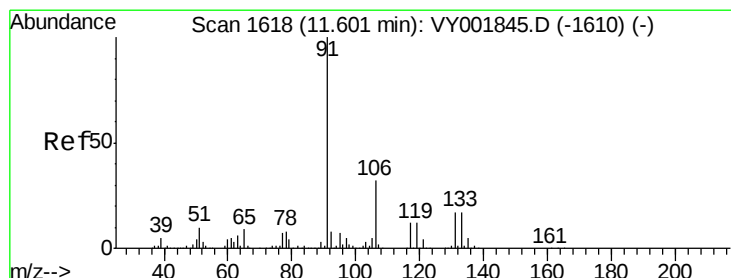
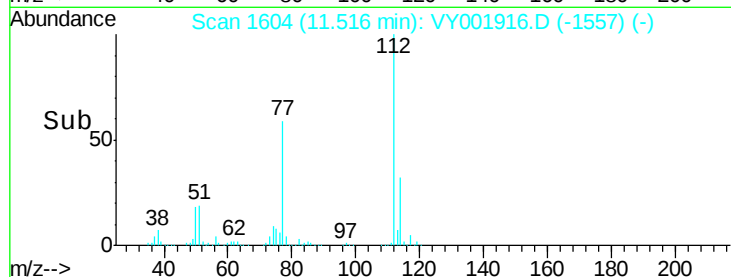
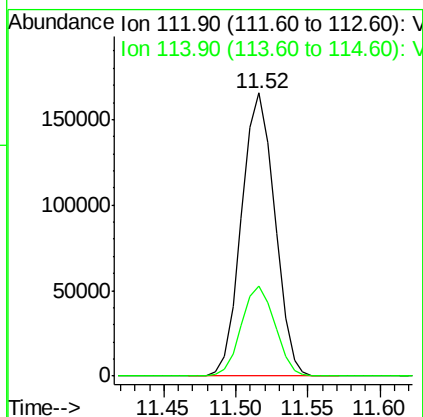
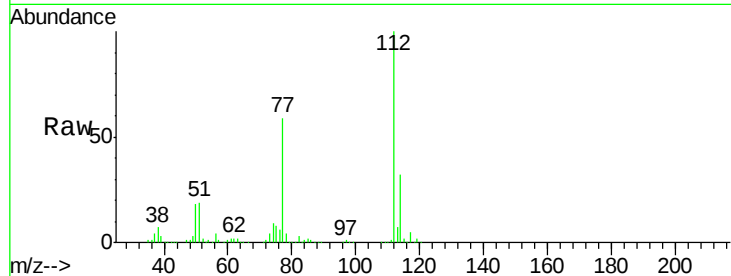
#65
Chlorobenzene
Concen: 48.261 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.9	38.9

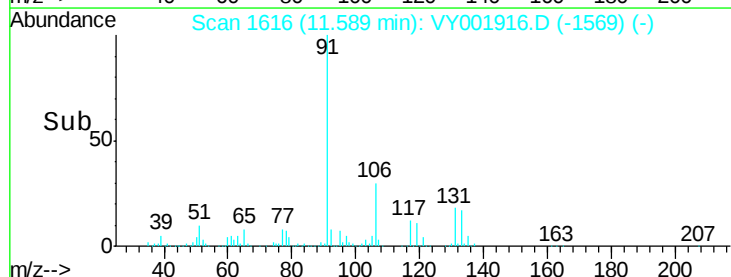
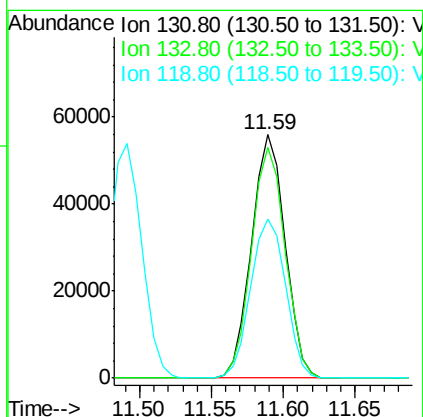
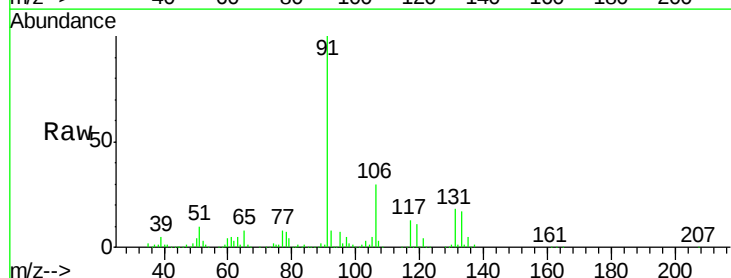
Manual Integrations
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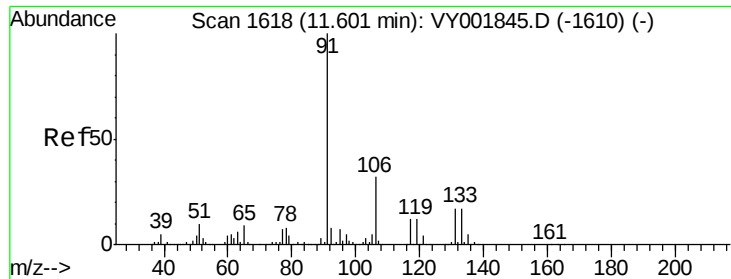
MMDadoda
3/10/2020 2:56:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.930 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.1	141.3
119	68.1	34.5	103.6





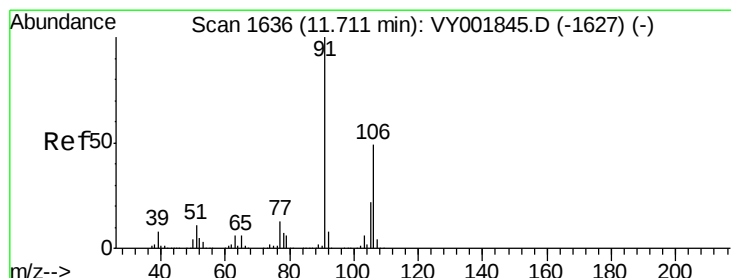
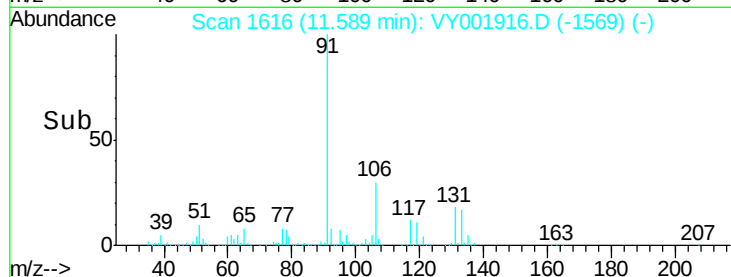
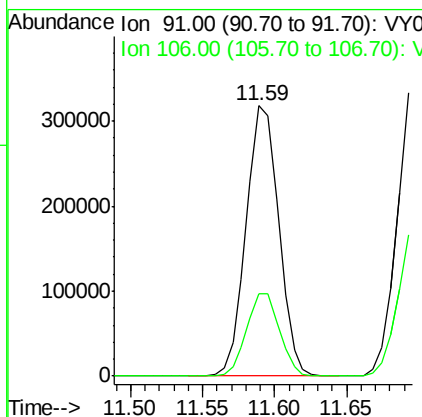
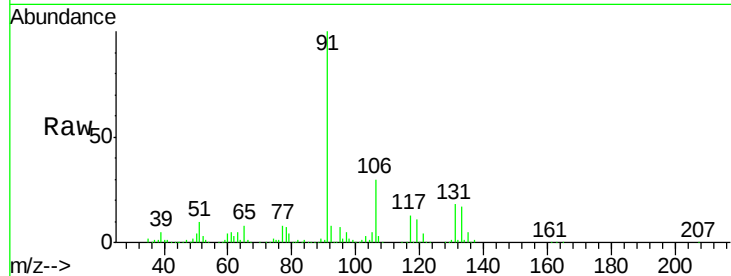
#67
Ethyl Benzene
Concen: 48.638 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 498716
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

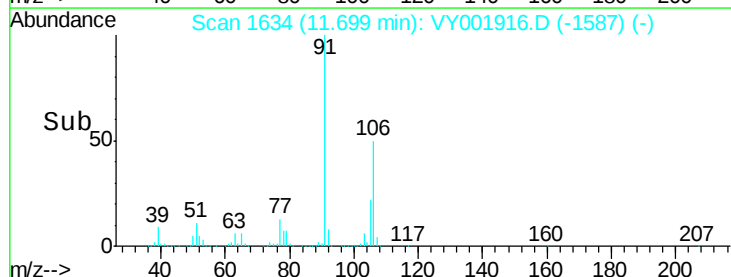
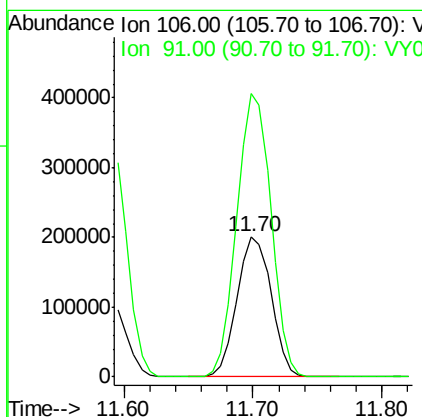
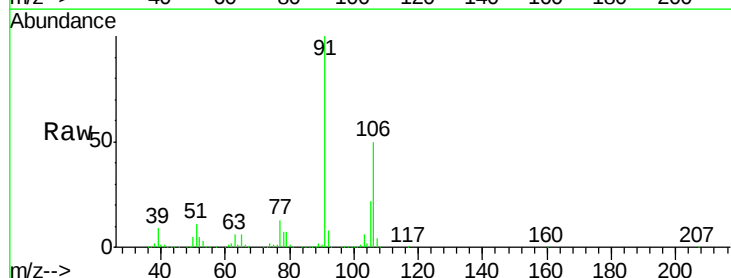
Manual Integrations
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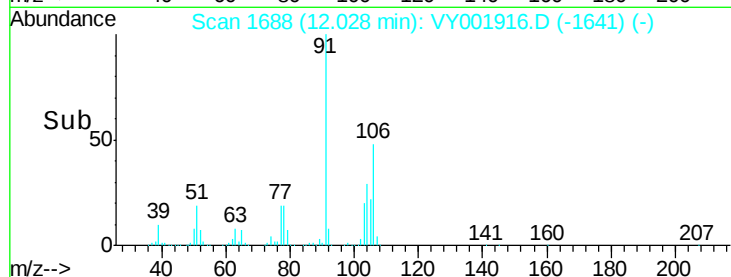
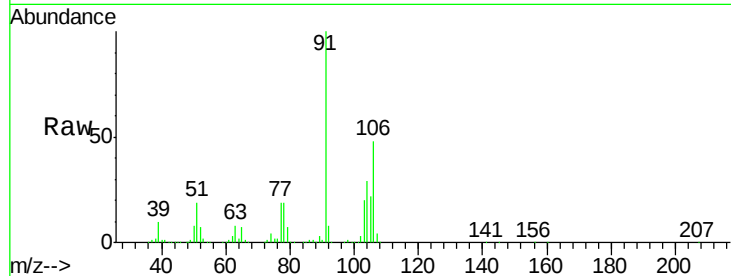
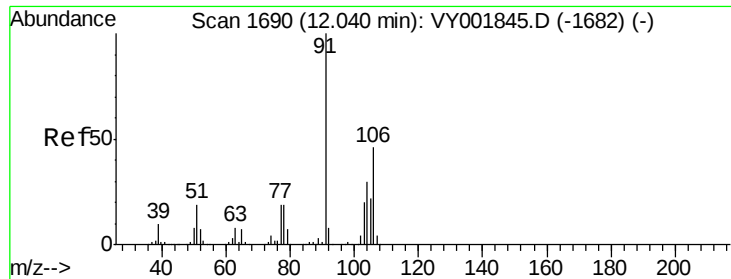
MMDadoda
3/10/2020 2:56:49 PM



#68
m/p-Xylenes
Concen: 97.627 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion: 106 Resp: 370088
Ion Ratio Lower Upper
106 100
91 202.2 161.3 241.9





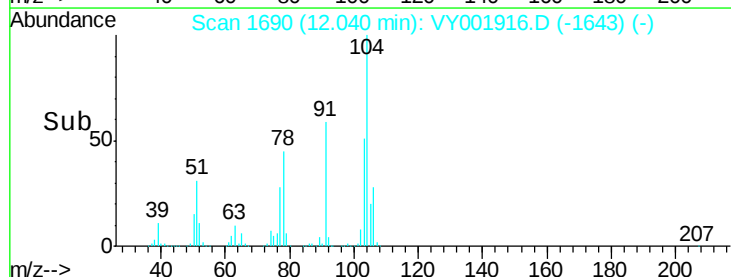
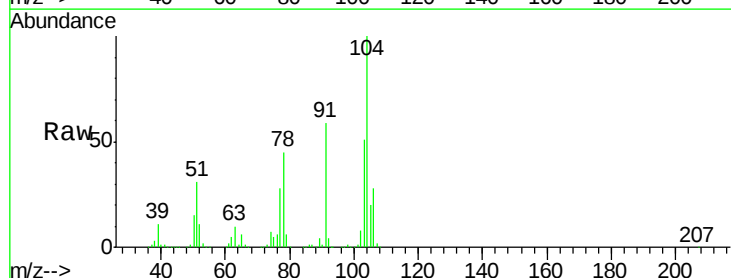
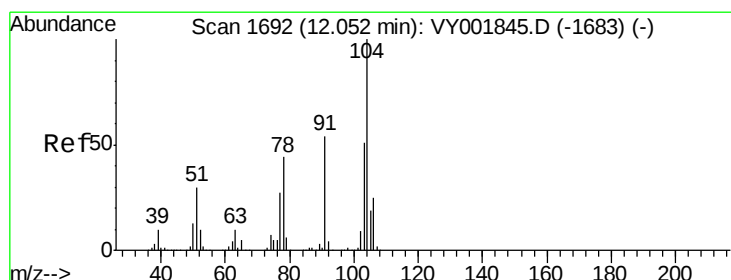
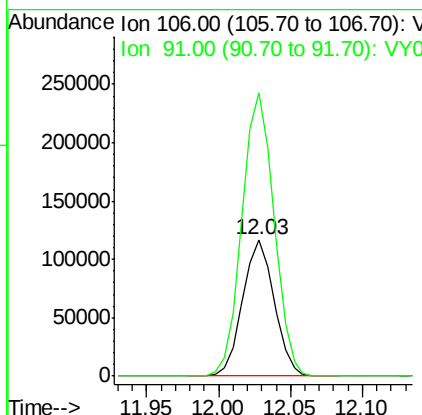
#69
o-Xylene
Concen: 49.578 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tot Ion:106 Resp: 177142
Ion Ratio Lower Upper
106 100
91 211.0 106.8 320.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

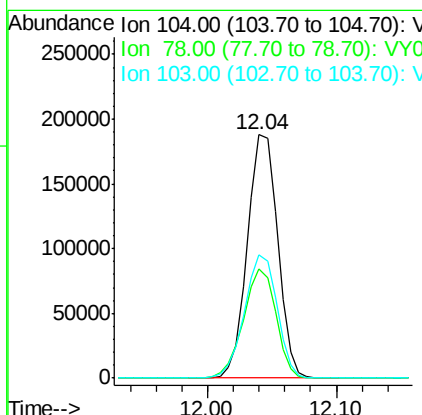
Manual Integrations
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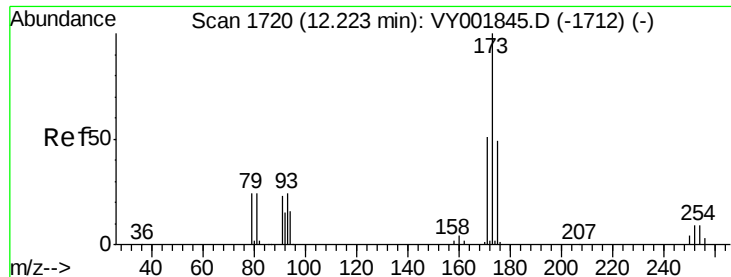
MMDadoda
3/10/2020 2:56:49 PM



#70
Styrene
Concen: 49.943 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion:104 Resp: 305627
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.6 42.9 64.3





#71

Bromoform

Concen: 48.353 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.02 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 47278

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

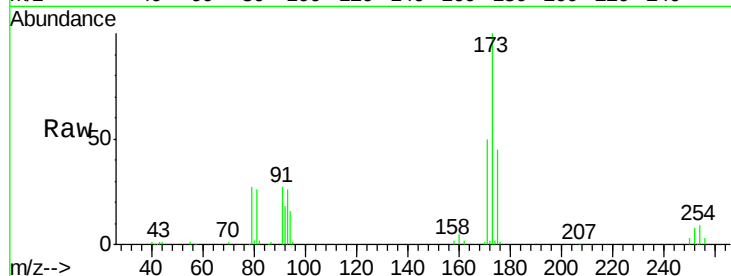
254 0.0 0.0 0.0

Manual Integrations

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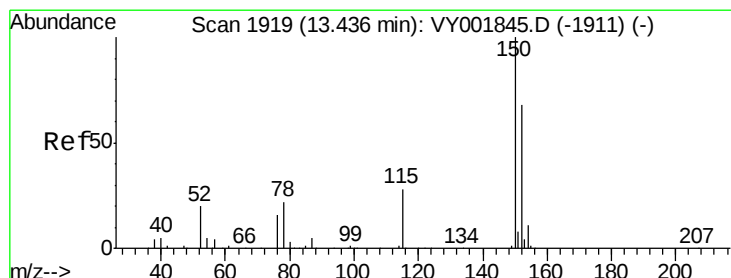
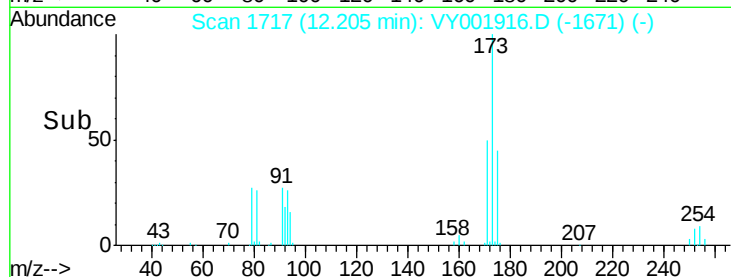
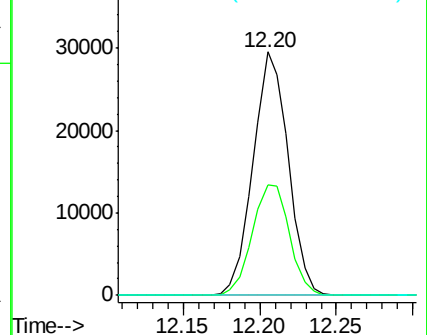
3/10/2020 2:56:49 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

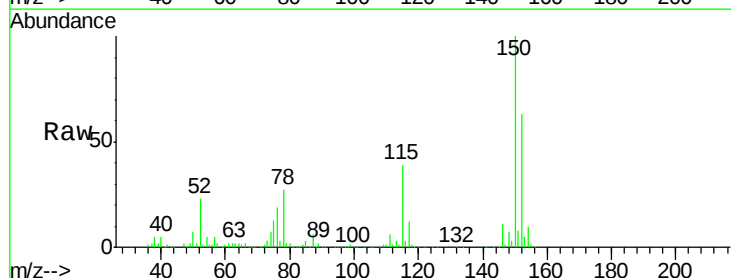
Tgt Ion:152 Resp: 124867

Ion Ratio Lower Upper

152 100

115 62.6 29.9 89.7

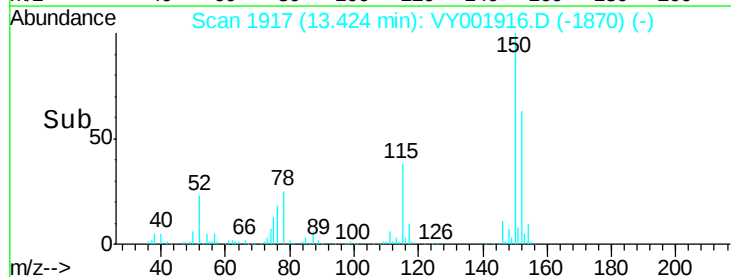
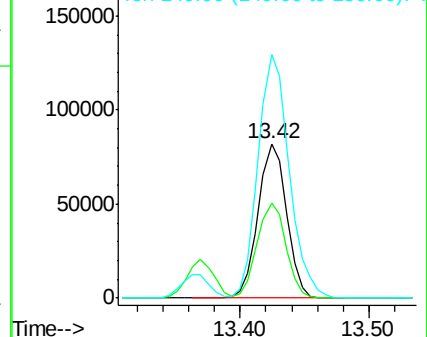
150 173.2 0.0 340.6

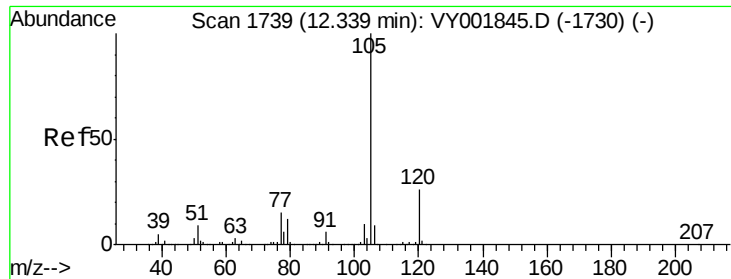


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





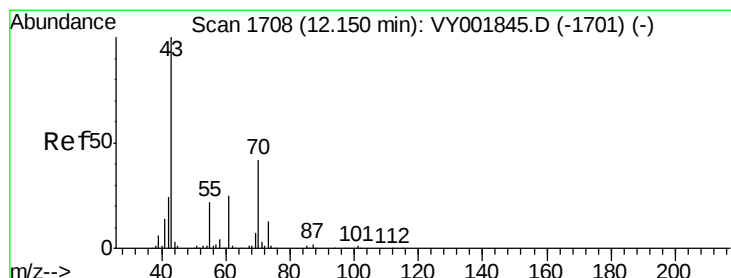
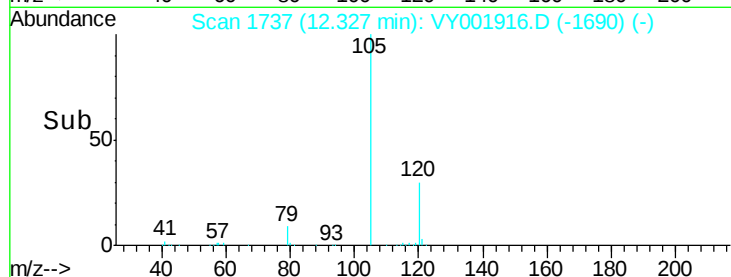
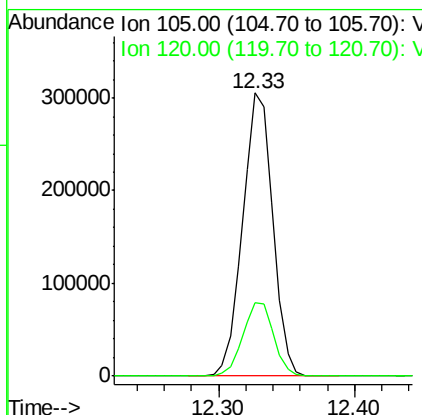
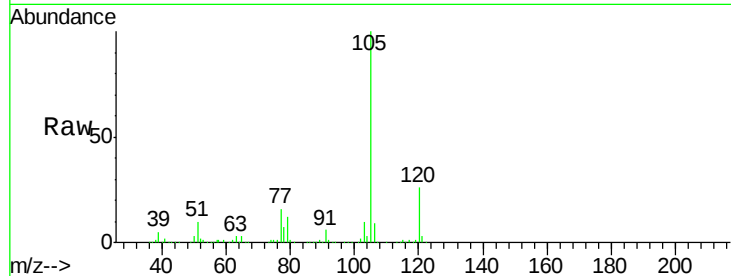
#73
Isopropylbenzene
Concen: 49.635 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

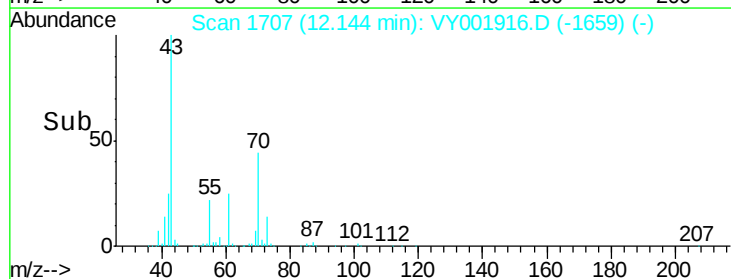
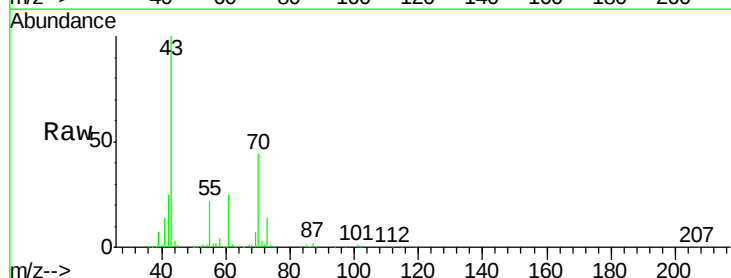
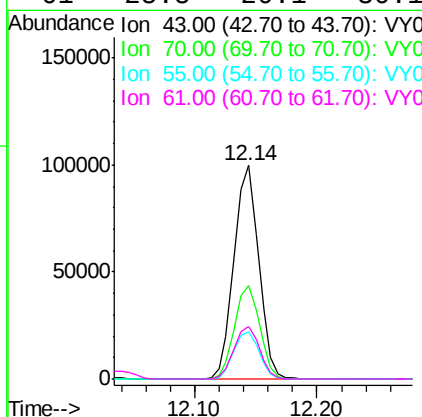
Manual Integrations
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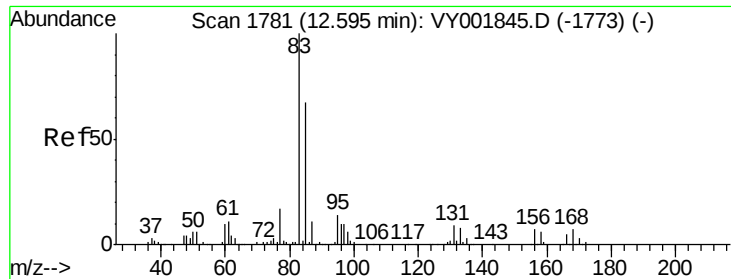
MMDadoda
3/10/2020 2:56:49 PM



#74
N-ethyl acetate
Concen: 47.751 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	34.7	52.1
55	23.1	18.2	27.4
61	25.5	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.500 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

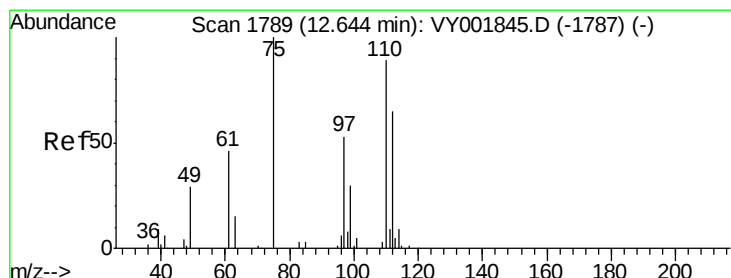
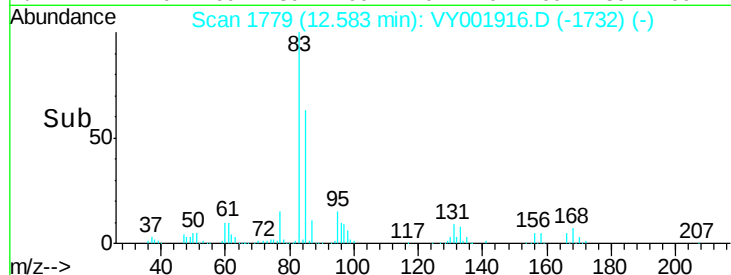
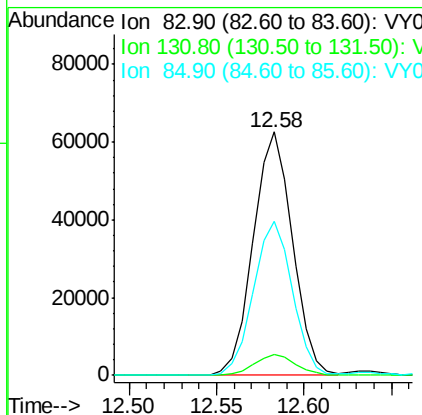
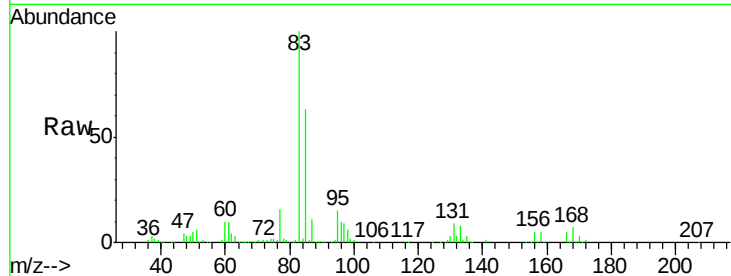
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	97639
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.6	13.8
85	62.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.454 ug/l m

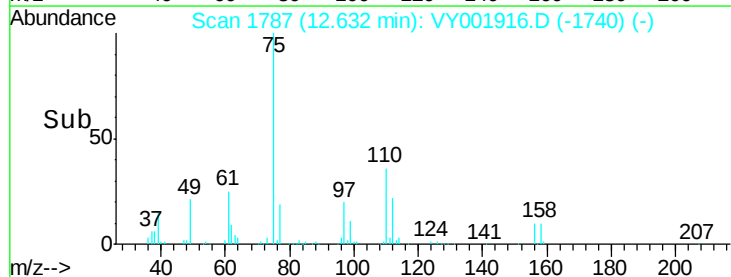
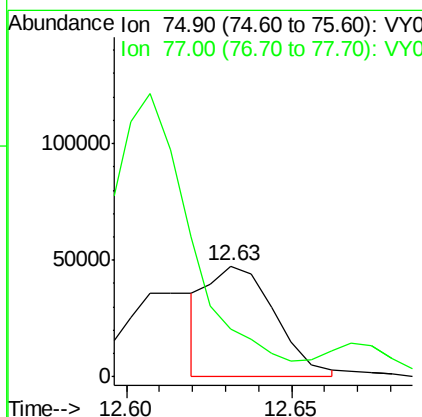
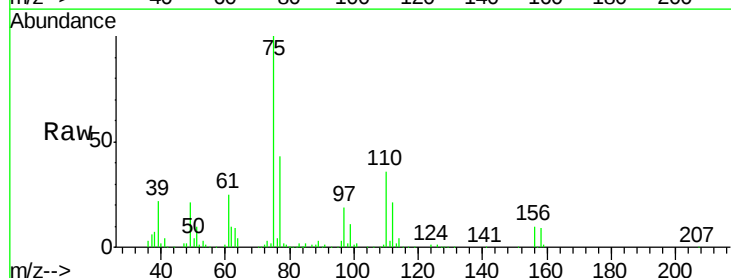
RT: 12.63 min Scan# 1787

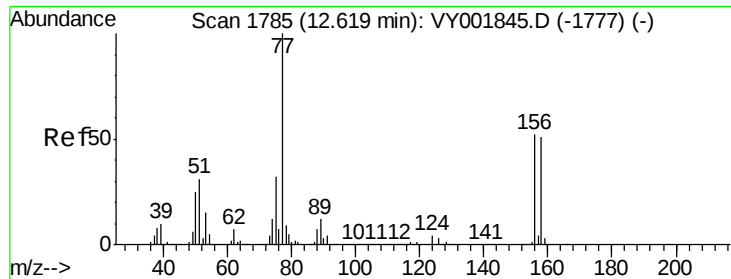
Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Tgt Ion:	75	Resp:	67346
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.216 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 99394

Ion Ratio Lower Upper

156 100

77 214.4 109.0 327.0

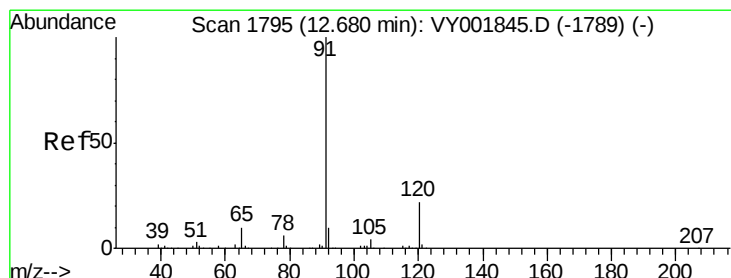
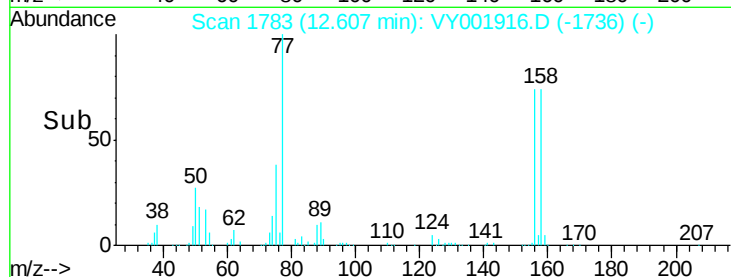
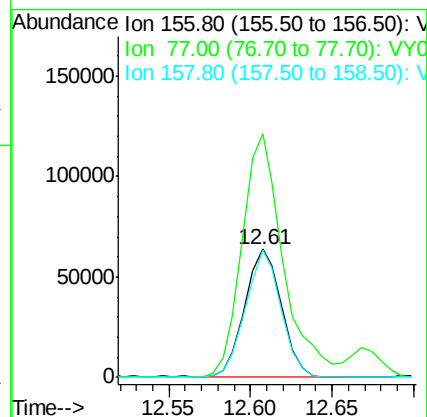
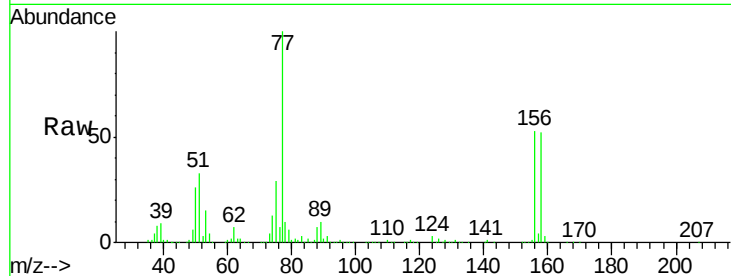
158 96.6 48.9 146.8

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#78

n-propylbenzene

Concen: 49.837 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY001916.D

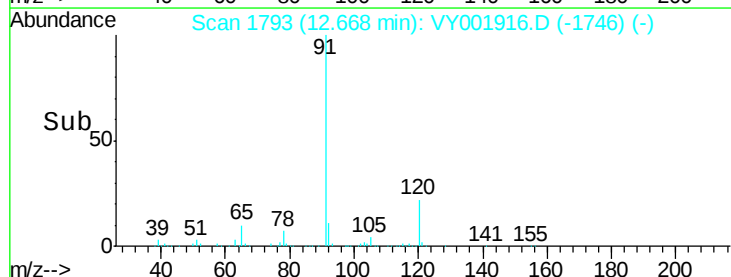
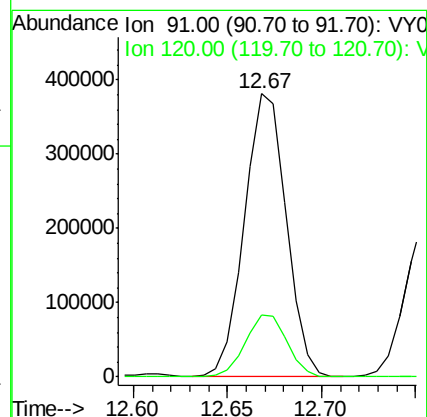
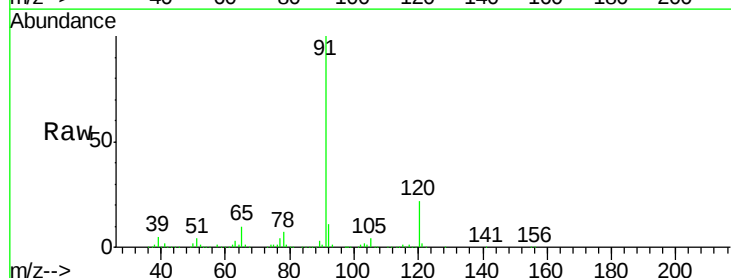
Acq: 09 Mar 2020 18:16

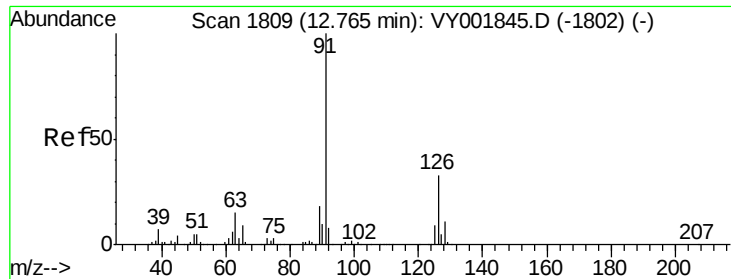
Tgt Ion: 91 Resp: 586065

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.744 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 323187

Ion Ratio Lower Upper

91 100

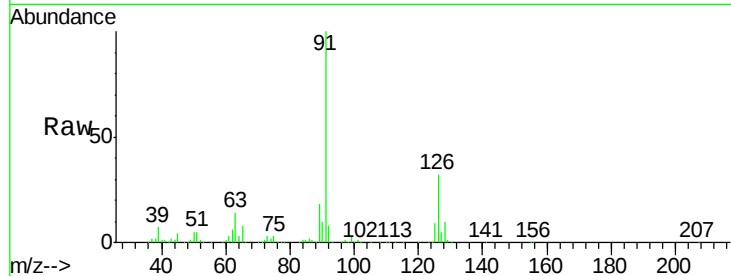
126 32.7 16.3 48.8

Manual Integrations

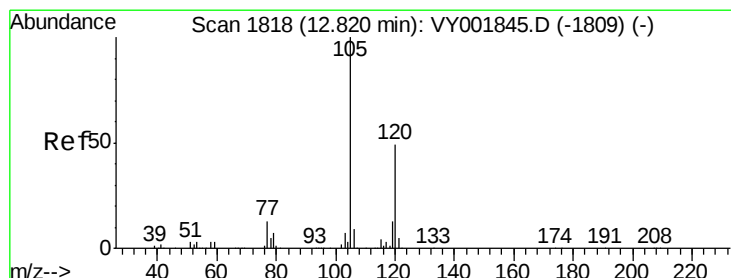
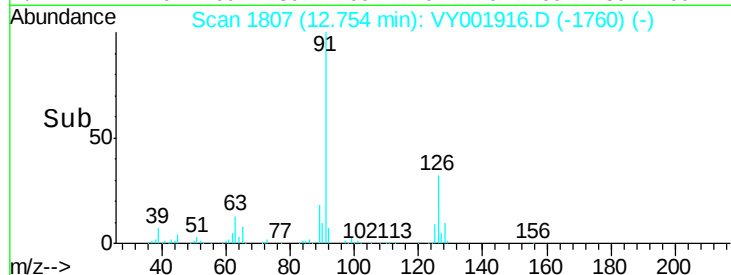
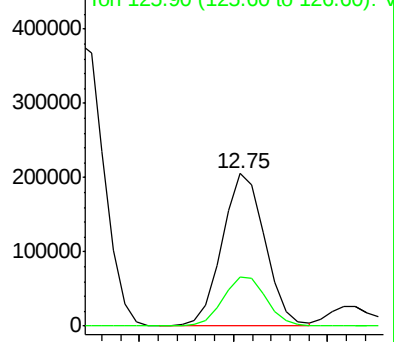
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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.111 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY001916.D

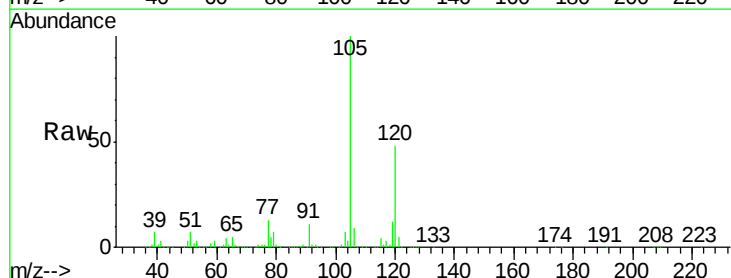
Acq: 09 Mar 2020 18:16

Tgt Ion: 105 Resp: 393232

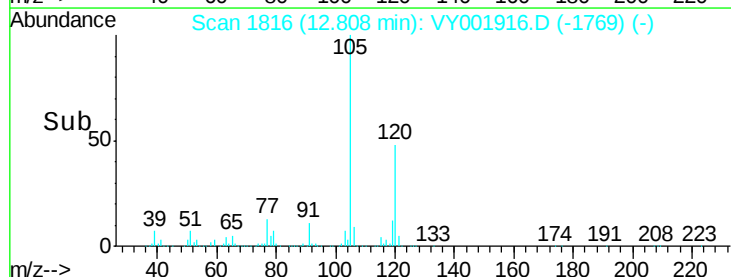
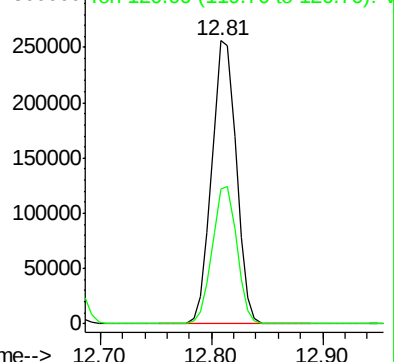
Ion Ratio Lower Upper

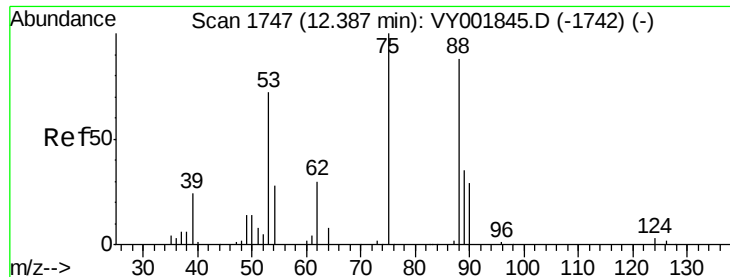
105 100

120 48.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.580 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

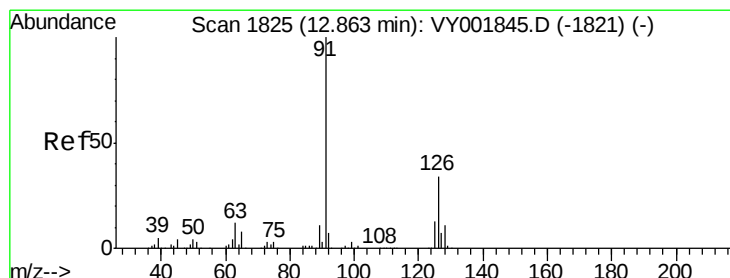
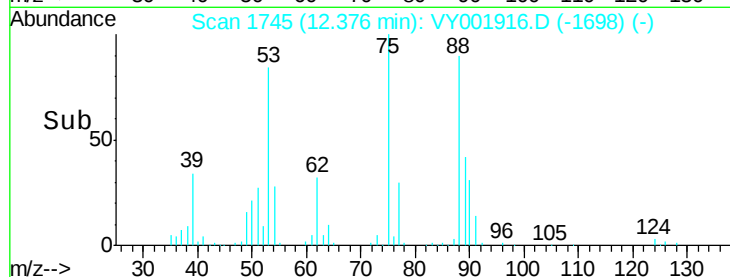
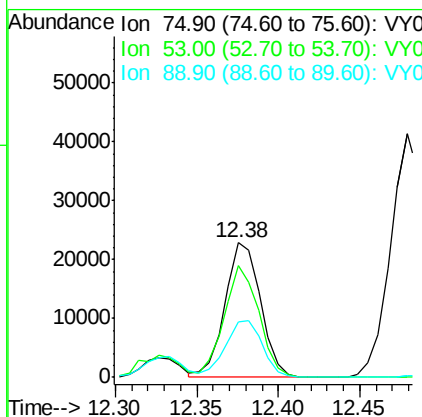
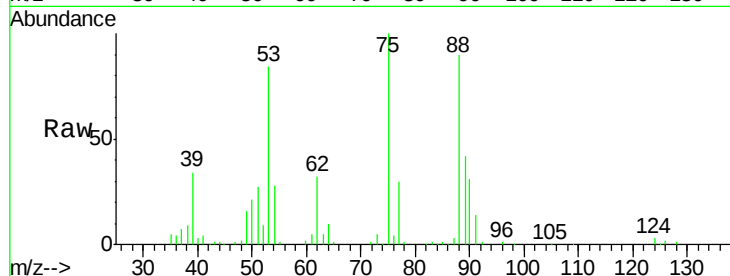
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	34900
Ion Ratio	Lower	Upper	
75	100		
53	80.4	65.4	98.0
89	43.4	36.0	54.0

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#82

4-Chlorotoluene

Concen: 49.302 ug/l

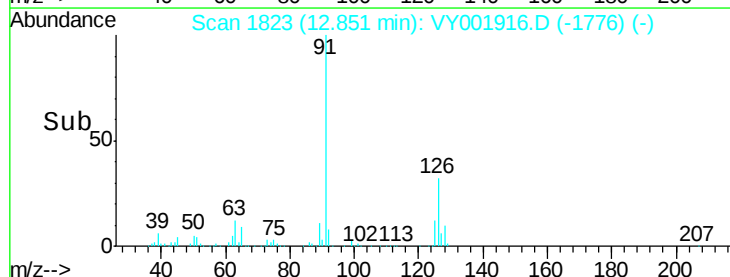
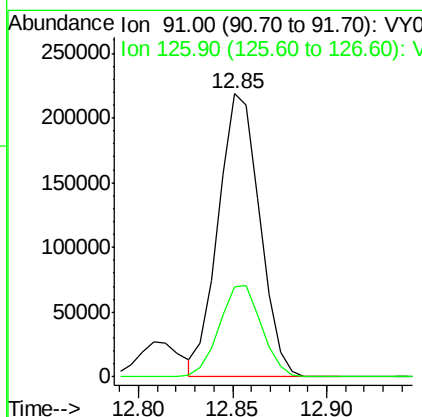
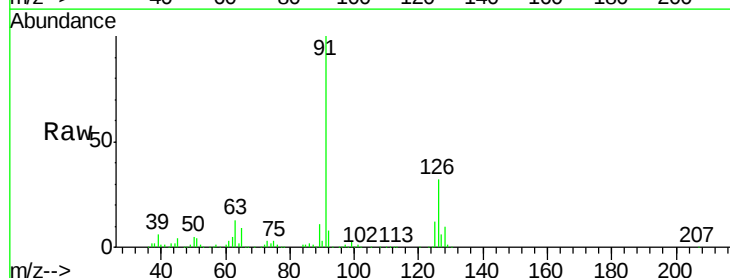
RT: 12.85 min Scan# 1823

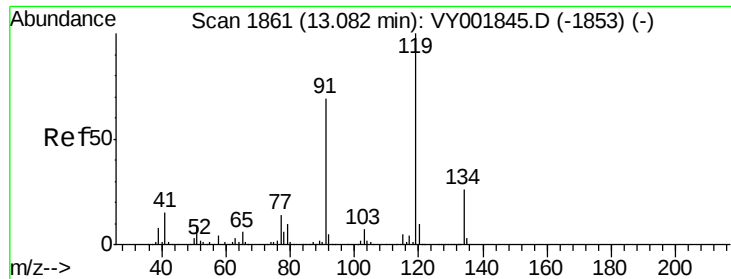
Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Tgt Ion:	91	Resp:	333512
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.2





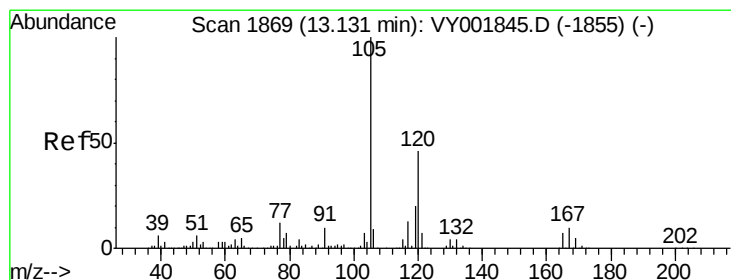
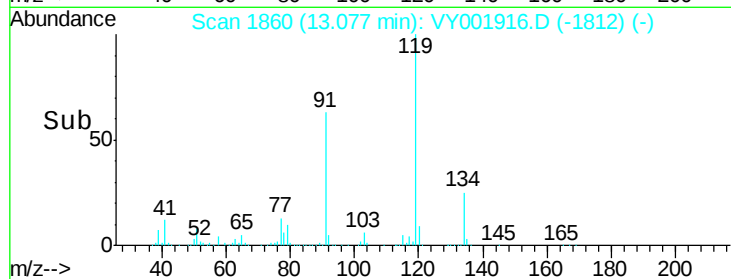
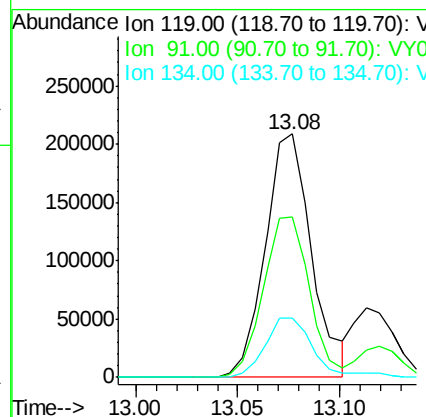
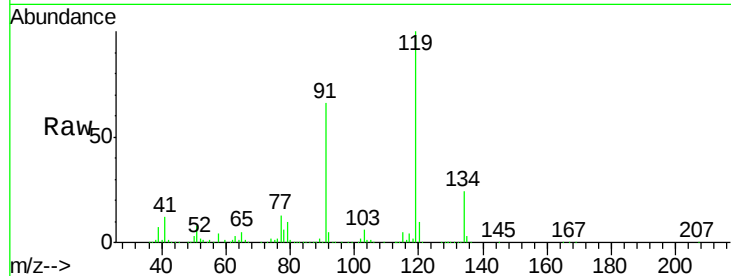
#83
 tert-Butylbenzene
 Concen: 50.802 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	331110		
91	65.6	34.0	101.8	
134	25.9	13.5	40.4	

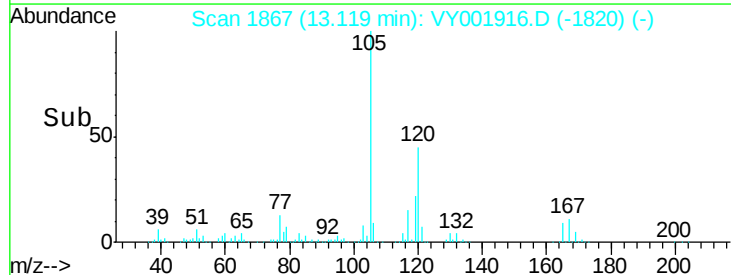
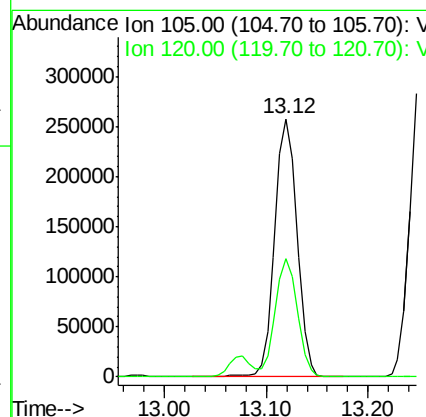
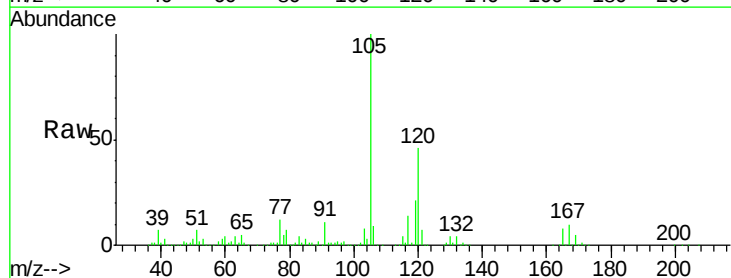
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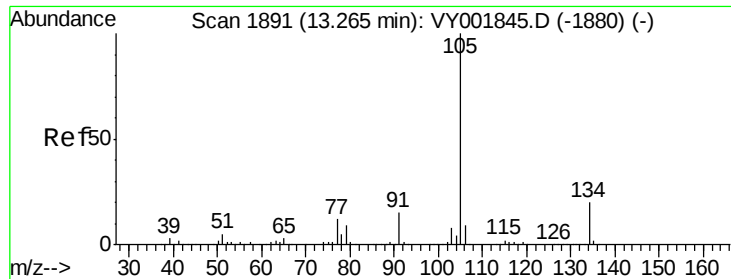
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.988 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	389291		
120	45.6	22.6	67.7	





#85

sec-Butylbenzene

Concen: 49.898 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 479368

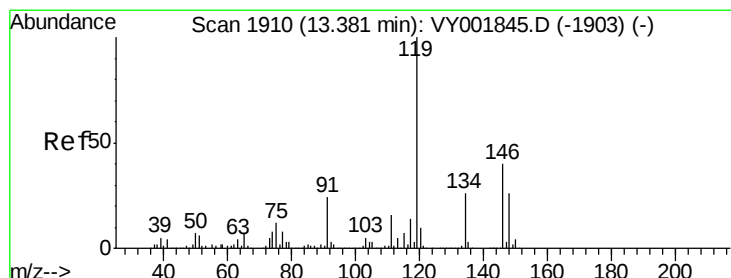
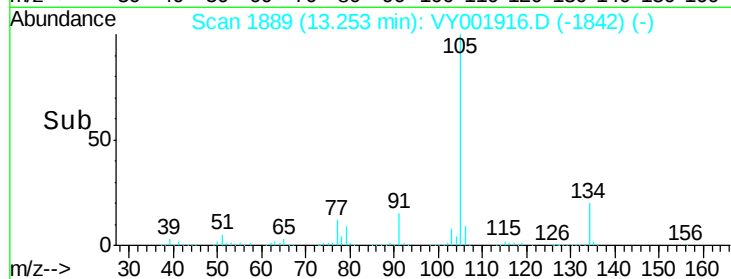
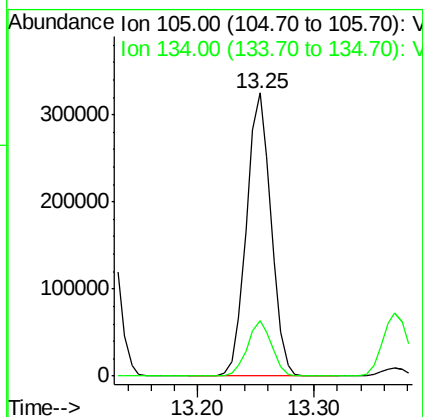
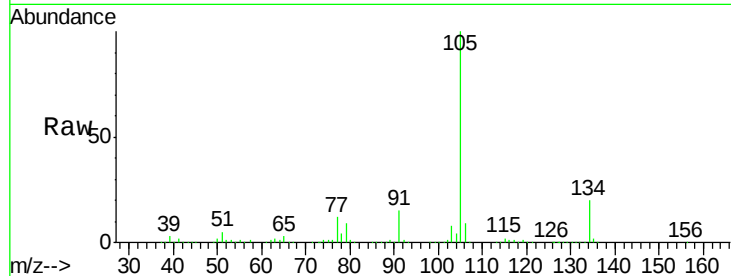
Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 50.045 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001916.D

Acq: 09 Mar 2020 18:16

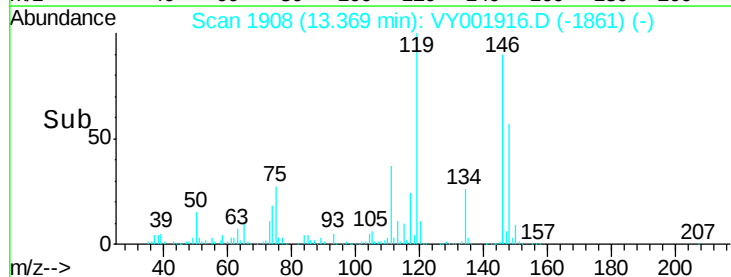
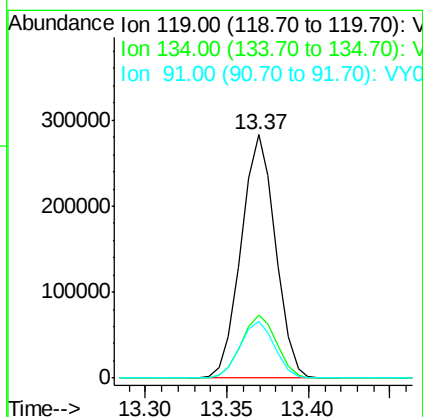
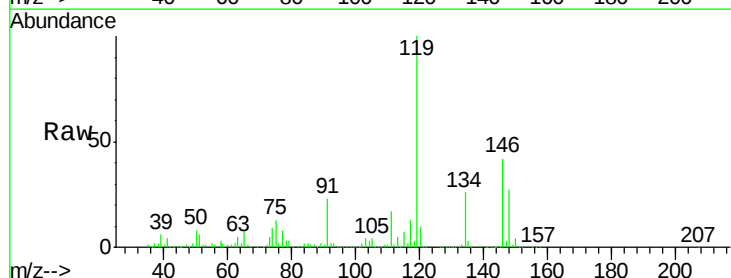
Tgt Ion:119 Resp: 414740

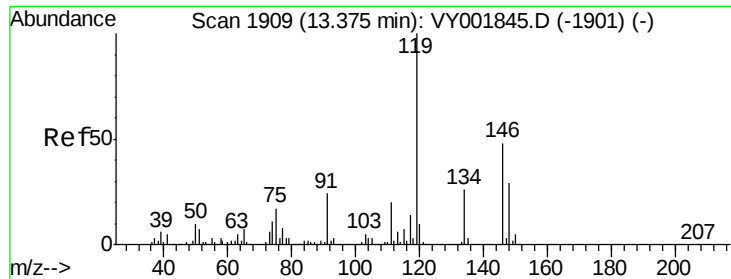
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.5 11.9 35.7





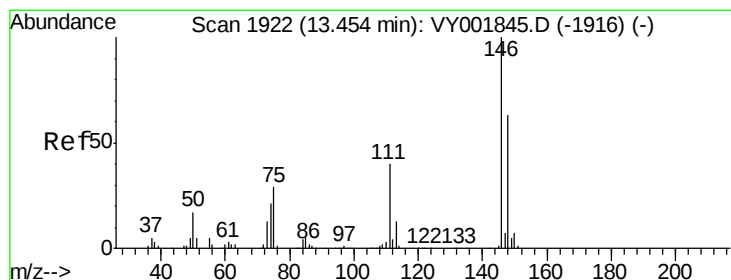
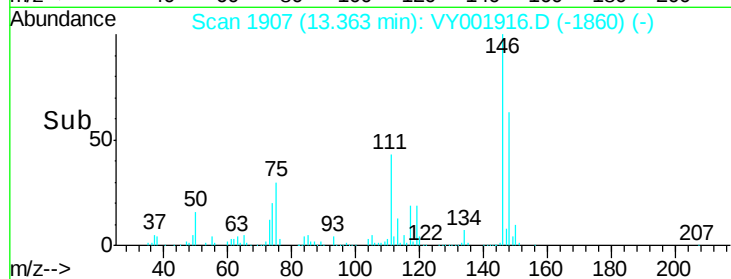
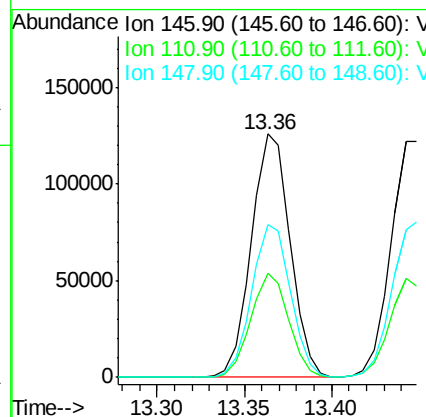
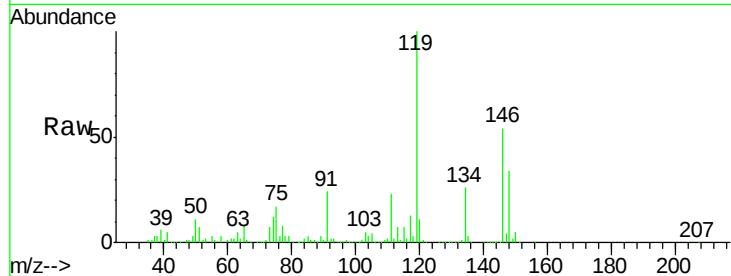
#87
 1,3-Dichlorobenzene
 Concen: 49.091 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	62.8	31.4	94.0

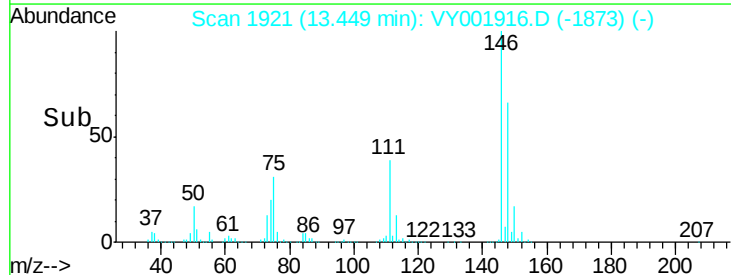
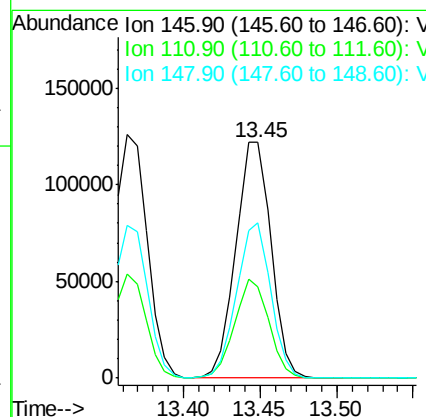
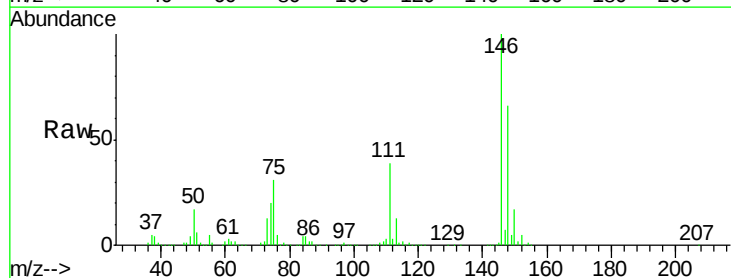
Manual Integrations
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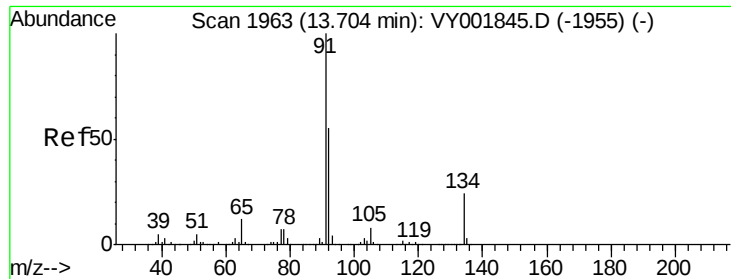
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#88
 1,4-Dichlorobenzene
 Concen: 48.631 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	63.6	31.5	94.5





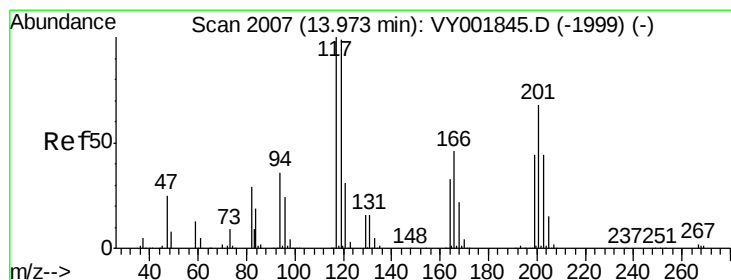
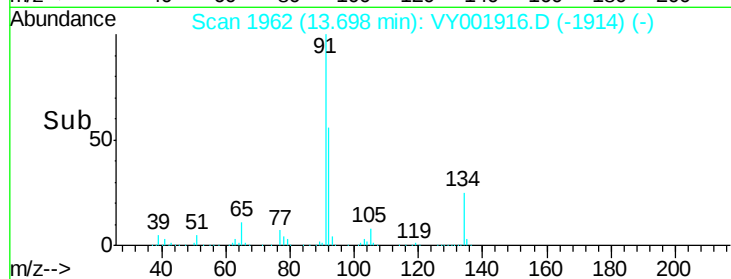
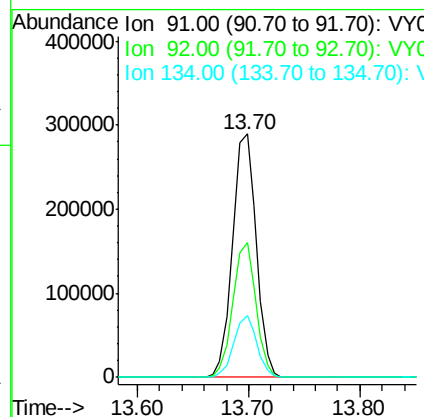
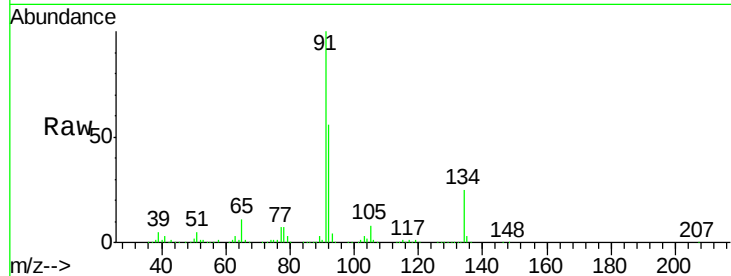
#89
n-Butylbenzene
Concen: 49.590 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	426371		
92	54.1		27.5	82.4
134	24.5		12.5	37.5

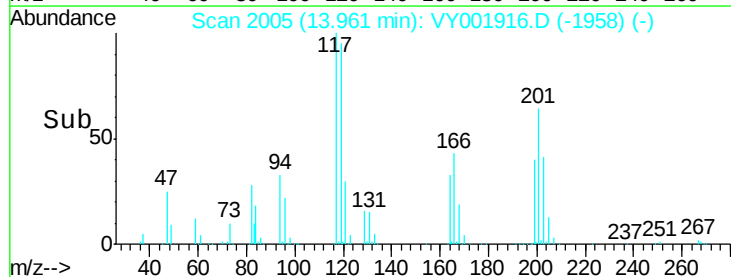
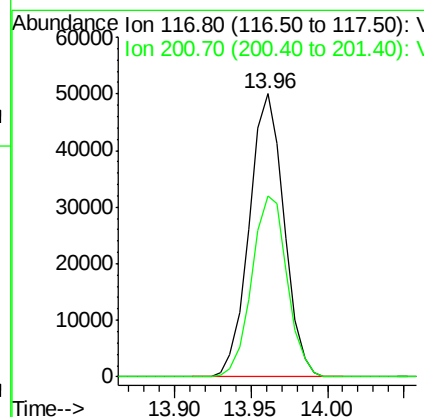
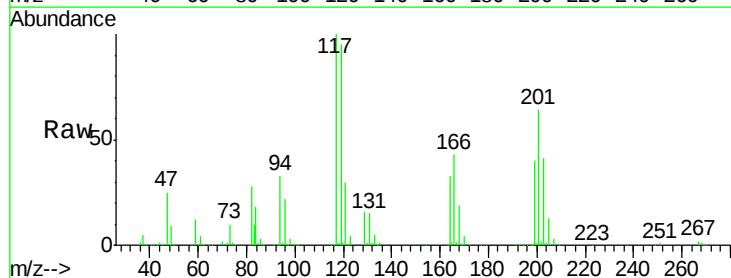
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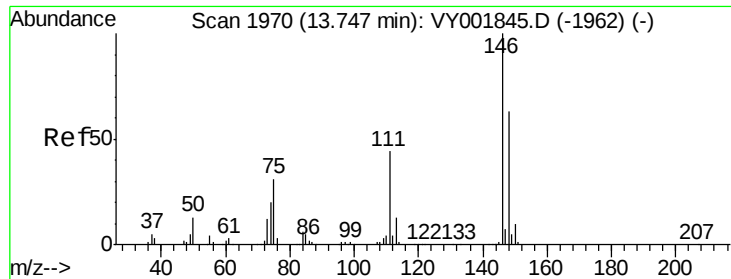
MMDadoda
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#90
Hexachloroethane
Concen: 50.592 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79095		
201	64.9		32.5	97.5





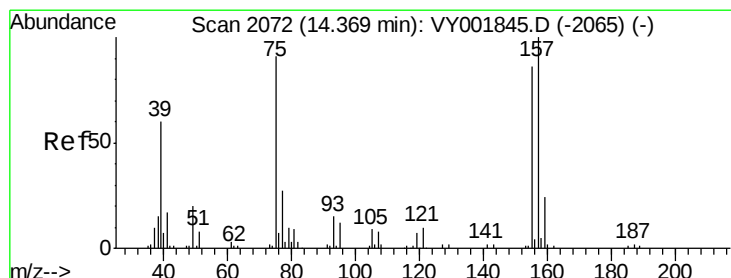
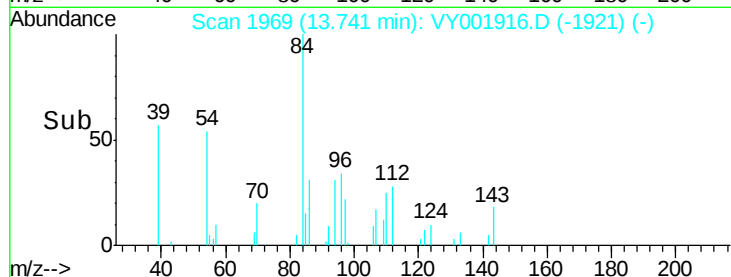
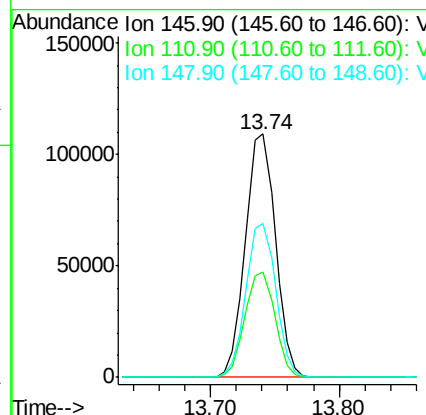
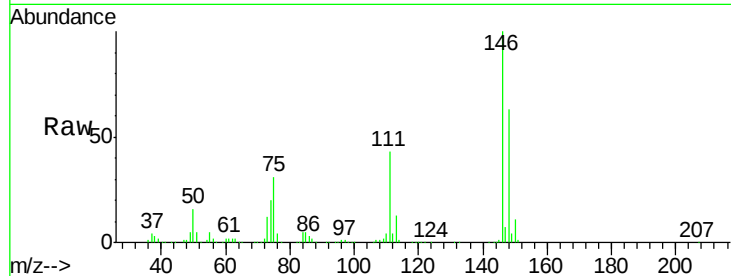
#91
 1,2-Dichlorobenzene
 Concen: 49.248 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	62.7	32.0	96.0

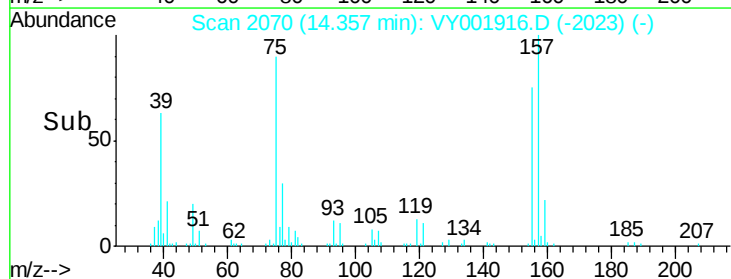
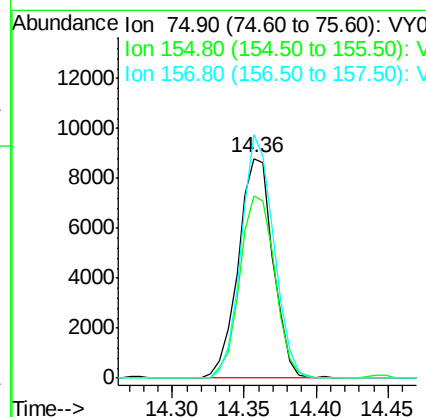
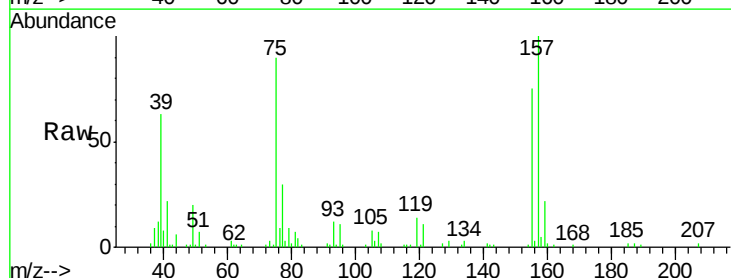
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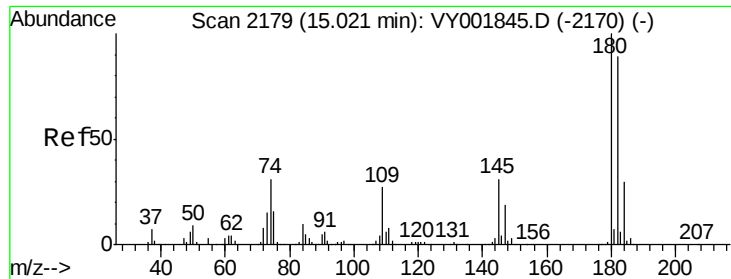
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.813 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001916.D
 Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	42.9	128.7
157	103.5	53.1	159.4





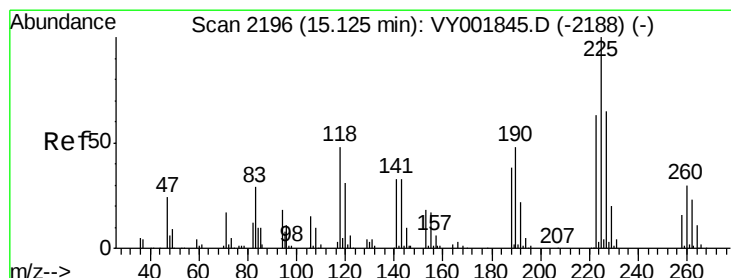
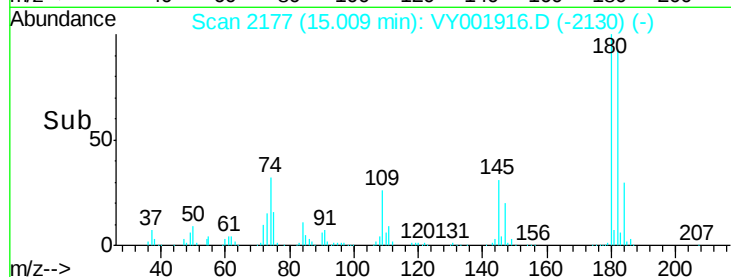
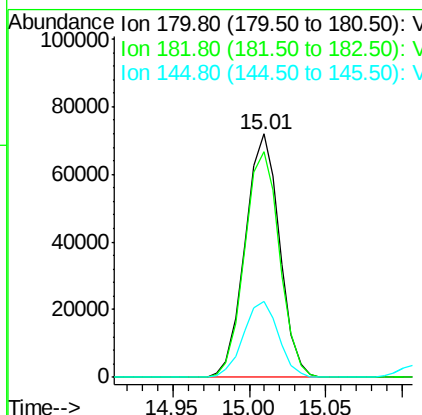
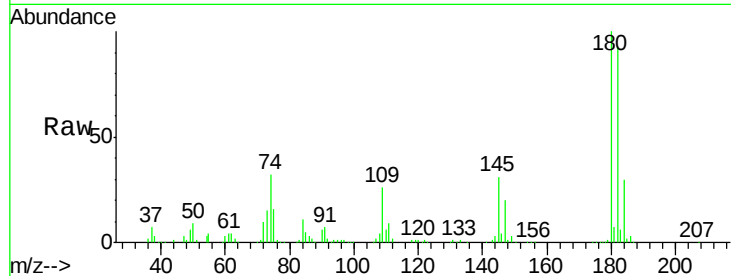
#93
1,2,4-Trichlorobenzene
Concen: 48.261 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112525		
182	94.1	46.1	138.3	
145	31.8	15.6	46.8	

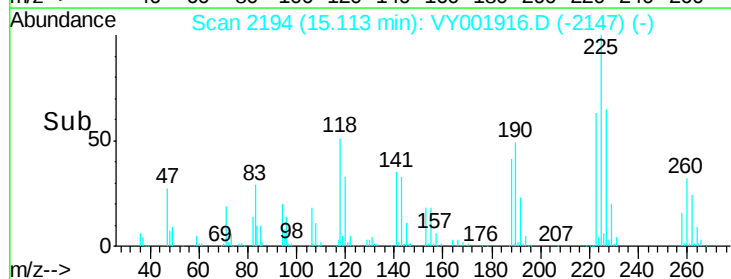
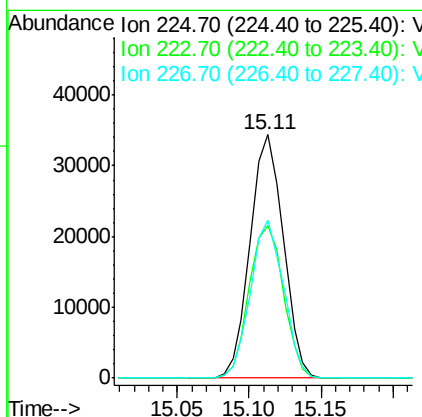
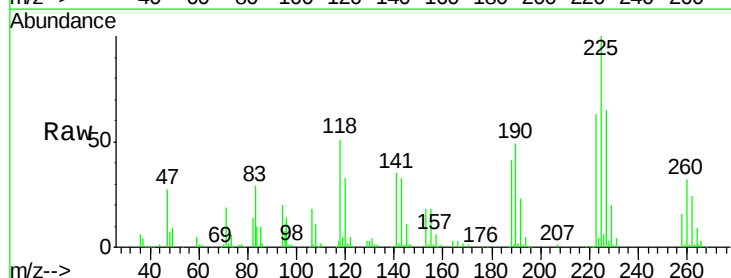
Manual Integrations
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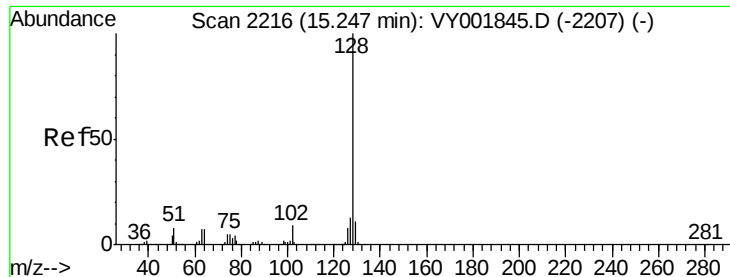
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#94
Hexachlorobutadiene
Concen: 48.320 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54928		
223	64.6	31.5	94.5	
227	64.2	31.9	95.5	





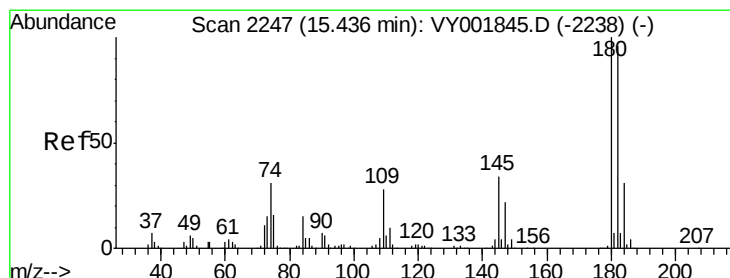
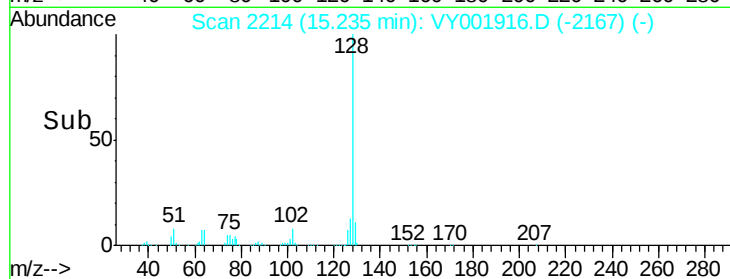
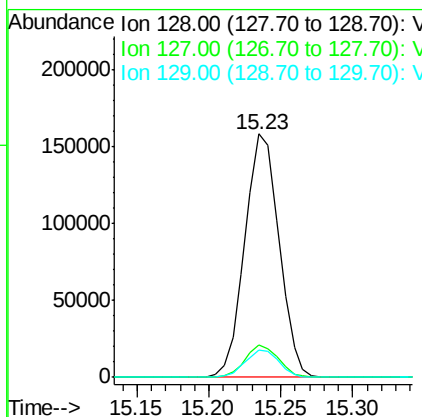
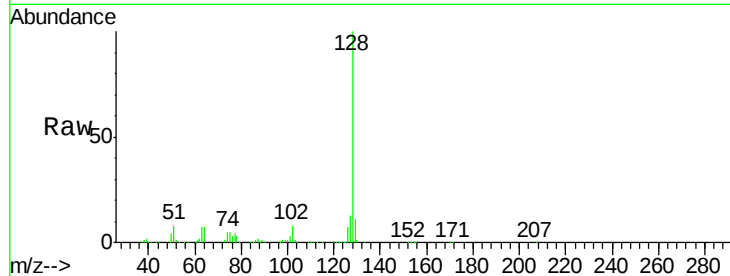
#95
Naphthalene
Concen: 47.167 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	260856		
127	12.9		10.1	15.1
129	11.1		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.290 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001916.D
Acq: 09 Mar 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99188		
182	93.7		47.6	142.9
145	33.4		16.8	50.3

