

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001969.D
 Acq On : 12 Mar 2020 20:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:42:34 AM

Quant Time: Mar 13 06:54:57 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	7.82	168	175694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	298586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	98928	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.75	113	92748	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.19	98	378043	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.49	95	134053	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	70156	43.259	ug/l	97
3) Chloromethane	2.13	50	99100	45.323	ug/l	99
4) Vinyl Chloride	2.27	62	103297	46.445	ug/l	99
5) Bromomethane	2.67	94	69875	54.293	ug/l	100
6) Chloroethane	2.82	64	68578	49.086	ug/l	100
7) Trichlorofluoromethane	3.15	101	140613	46.618	ug/l	99
8) Diethyl Ether	3.55	74	60838	51.176	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	92128	47.488	ug/l	99
10) Methyl Iodide	4.12	142	111802	49.833	ug/l	99
11) Tert butyl alcohol	5.00	59	57645	299.829	ug/l	98
12) 1,1-Dichloroethene	3.90	96	94036	48.139	ug/l	94
13) Acrolein	3.76	56	62062	235.464	ug/l	96
14) Allyl chloride	4.52	41	179521	51.840	ug/l	99
15) Acrylonitrile	5.21	53	158865	250.080	ug/l	98
16) Acetone	3.98	43	124769	228.388	ug/l	100
17) Carbon Disulfide	4.22	76	299693	45.639	ug/l	99
18) Methyl Acetate	4.52	43	69900	49.798	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	280729	53.032	ug/l	98
20) Methylene Chloride	4.75	84	118052	50.421	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	110499	49.838	ug/l	98
22) Diisopropyl ether	6.15	45	377832	53.227	ug/l	98
23) Vinyl Acetate	6.10	43	1200818	258.042	ug/l	99
24) 1,1-Dichloroethane	6.06	63	199607	51.926	ug/l	99
25) 2-Butanone	7.02	43	201327	242.336	ug/l	100
26) 2,2-Dichloropropane	7.02	77	155584	49.312	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	124272	51.527	ug/l	98
28) Bromochloromethane	7.36	49	91148	52.605	ug/l	99
29) Tetrahydrofuran	7.38	42	134598	243.975	ug/l	100
30) Chloroform	7.54	83	189676	52.518	ug/l	99
31) Cyclohexane	7.81	56	190699	46.267	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	156958	51.563	ug/l	99
36) 1,1-Dichloropropene	7.94	75	151207	47.175	ug/l	99
37) Ethyl Acetate	7.11	43	90257	48.450	ug/l	99
38) Carbon Tetrachloride	7.93	117	131488	48.022	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	193084	45.419	ug/l	97
40) Benzene	8.19	78	468413	49.305	ug/l	98
41) Methacrylonitrile	7.35	41	45748m	54.568	ug/l	
42) 1,2-Dichloroethane	8.27	62	123677	50.520	ug/l	100
43) Isopropyl Acetate	8.30	43	173077	49.072	ug/l	98
44) Trichloroethene	8.96	130	110106	47.588	ug/l	99
45) 1,2-Dichloropropane	9.24	63	121901	51.043	ug/l	99
46) Dibromomethane	9.33	93	61232	49.753	ug/l	98
47) Bromodichloromethane	9.52	83	147444	51.502	ug/l	97
48) Methyl methacrylate	9.32	41	77623	49.599	ug/l	93
49) 1,4-Dioxane	9.32	88	16356	969.892	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	449681	247.534	ug/l	99
52) Toluene	10.26	92	283716	49.160	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	159710	51.205	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	186605	50.256	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	89248	49.551	ug/l	96
56) Ethyl methacrylate	10.52	69	132428	50.162	ug/l	97
57) 1,3-Dichloropropane	10.80	76	160349	49.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	216618	232.462	ug/l	99
59) 2-Hexanone	10.85	43	304726	235.013	ug/l	99
60) Dibromochloromethane	11.00	129	96448	50.818	ug/l	100
61) 1,2-Dibromoethane	11.10	107	84311	49.417	ug/l	100
64) Tetrachloroethene	10.74	164	90085	48.110	ug/l	99
65) Chlorobenzene	11.53	112	291983	49.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	99288	50.890	ug/l	100
67) Ethyl Benzene	11.60	91	546543	49.257	ug/l	99
68) m/p-Xylenes	11.71	106	396401	96.632	ug/l	98
69) o-Xylene	12.04	106	190360	49.234	ug/l	99
70) Styrene	12.05	104	334171	50.463	ug/l	99
71) Bromoform	12.22	173	53975	51.013	ug/l #	98
73) Isopropylbenzene	12.34	105	508335	48.846	ug/l	100
74) N-amyl acetate	12.15	43	158585	49.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	109004	48.571	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	71161m	43.991	ug/l	
77) Bromobenzene	12.62	156	109000	49.436	ug/l	100
78) n-propylbenzene	12.68	91	621250	48.388	ug/l	100
79) 2-Chlorotoluene	12.77	91	352998	49.765	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	421934	49.249	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38607	48.210	ug/l	99
82) 4-Chlorotoluene	12.86	91	367268	49.728	ug/l	99
83) tert-Butylbenzene	13.08	119	351158	49.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	418519	49.224	ug/l	100
85) sec-Butylbenzene	13.26	105	512383	48.851	ug/l	100
86) p-Isopropyltoluene	13.38	119	442762	48.935	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	210971	48.828	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	210835	48.100	ug/l	99
89) n-Butylbenzene	13.70	91	447335	47.654	ug/l	99
90) Hexachloroethane	13.97	117	85519	50.102	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	196029	49.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16531	47.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	120543	47.354	ug/l	98
94) Hexachlorobutadiene	15.12	225	57450	46.290	ug/l	99
95) Naphthalene	15.25	128	290240	48.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	107170	47.790	ug/l	100

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

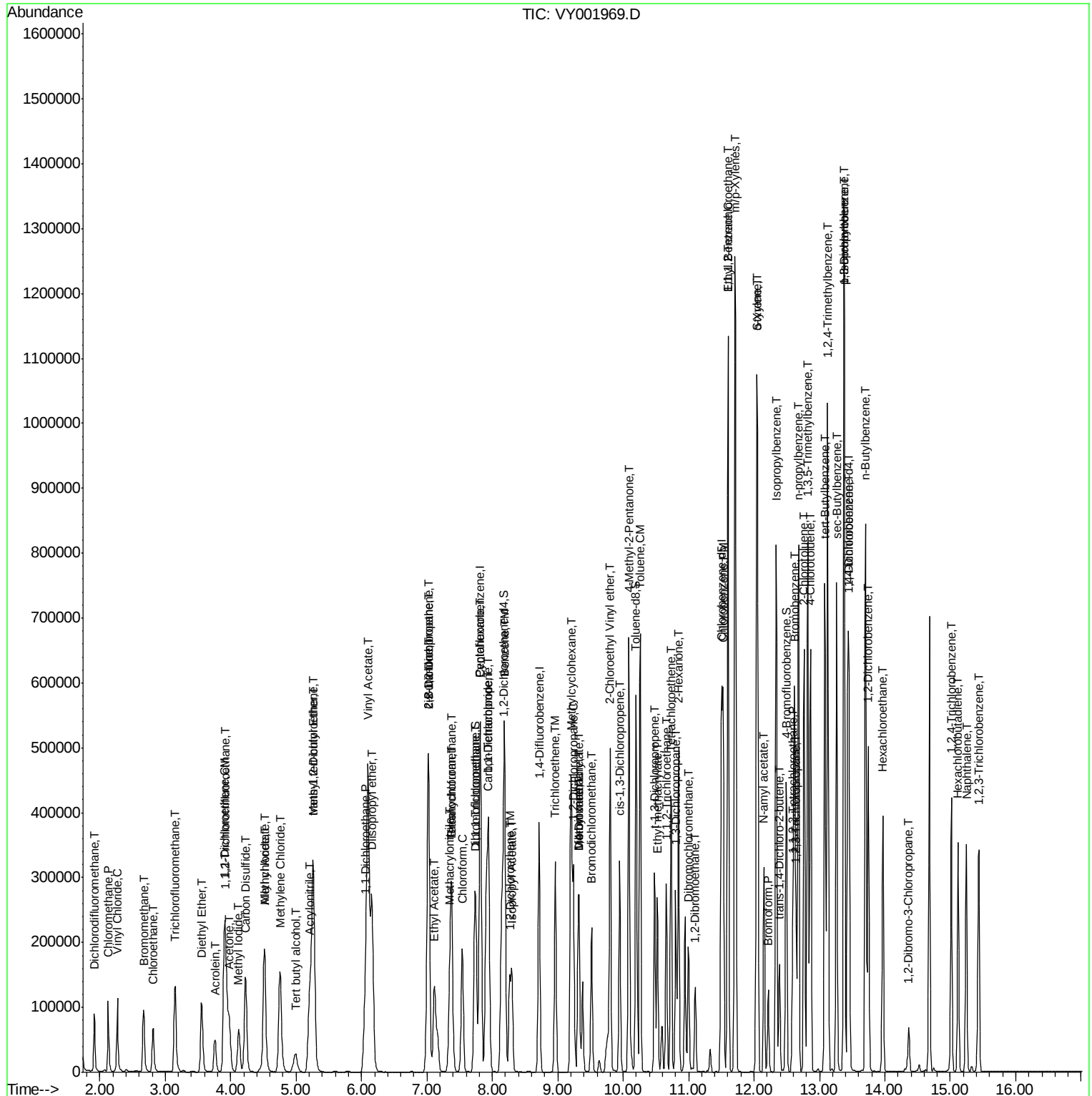
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
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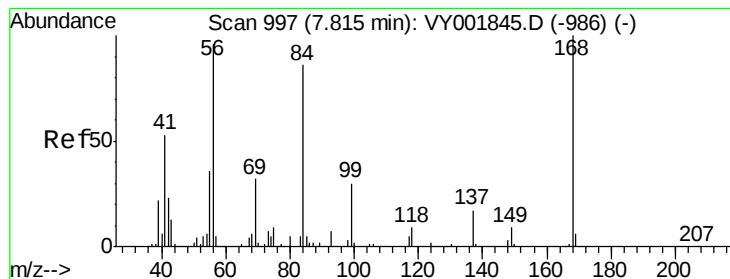
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 175694

Ion Ratio Lower Upper

168 100

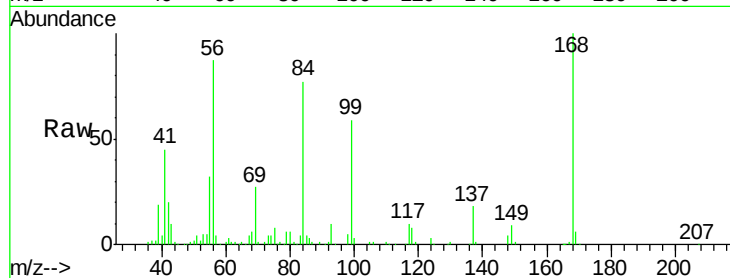
99 58.7 46.7 70.1

Manual Integrations

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MMDadoda

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

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

7.82

80000

60000

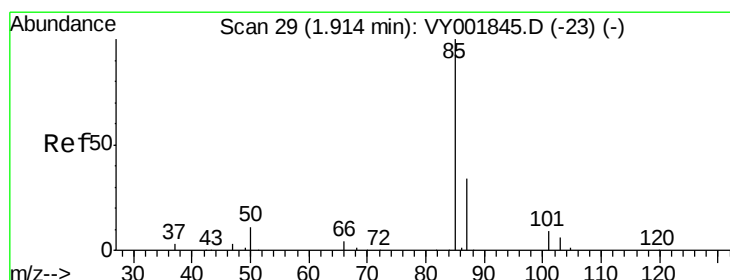
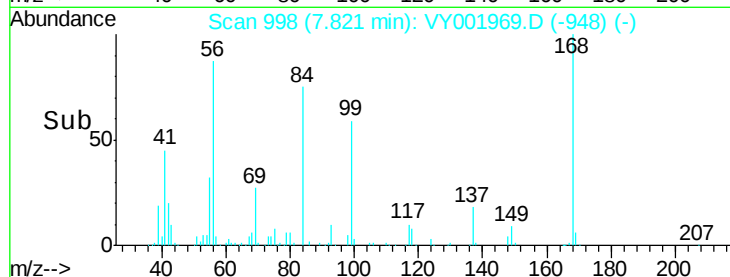
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.259 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001969.D

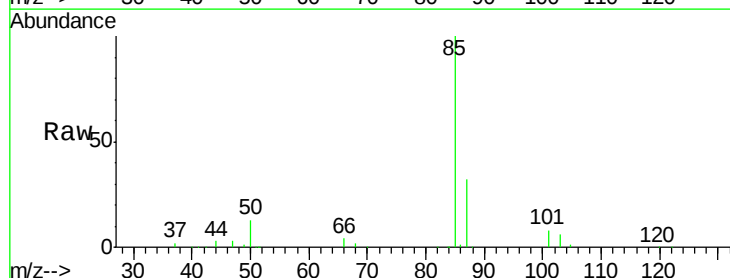
Acq: 12 Mar 2020 20:54

Tgt Ion: 85 Resp: 70156

Ion Ratio Lower Upper

85 100

87 32.0 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

60000

50000

40000

30000

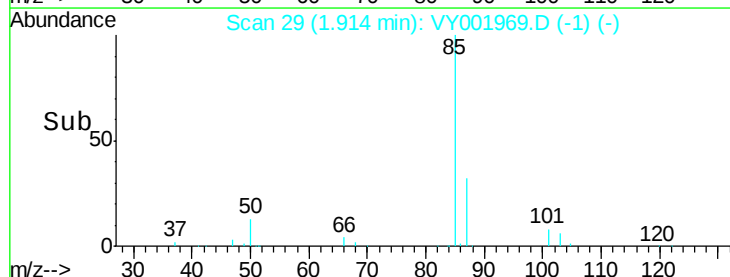
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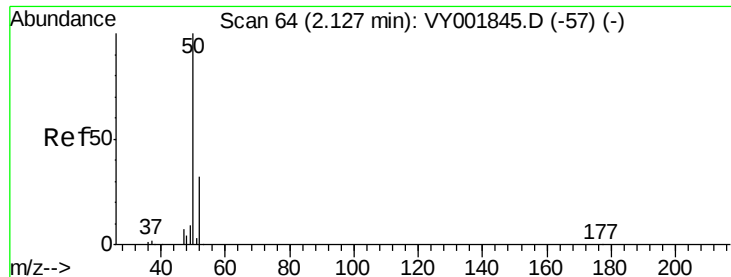
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0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.323 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99100

Ion Ratio Lower Upper

50 100

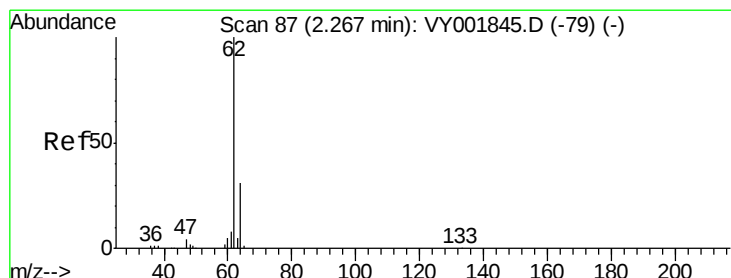
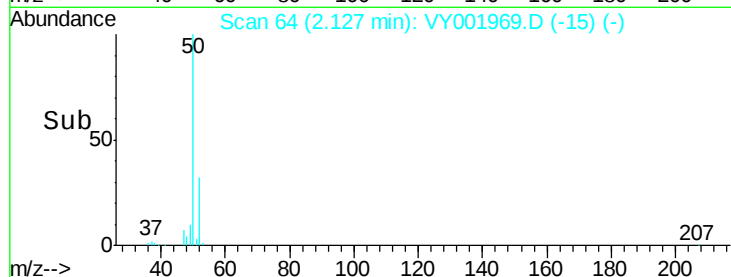
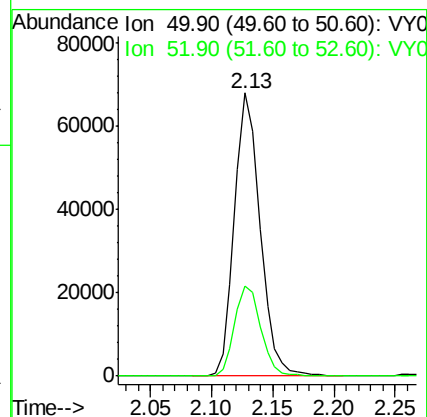
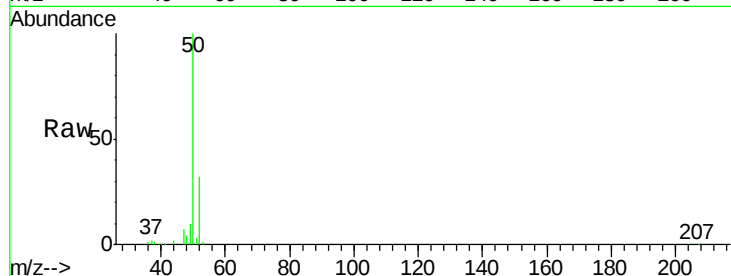
52 31.7 25.8 38.6

Manual Integrations

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3/16/2020 11:42:34 AM



#4

Vinyl Chloride

Concen: 46.445 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001969.D

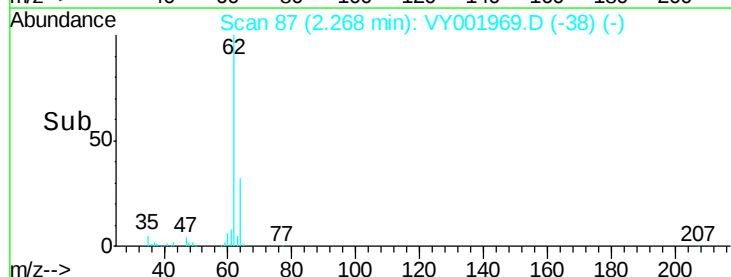
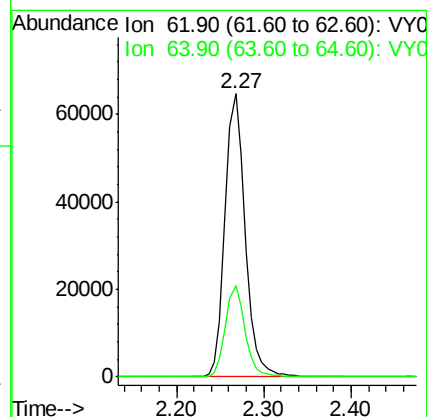
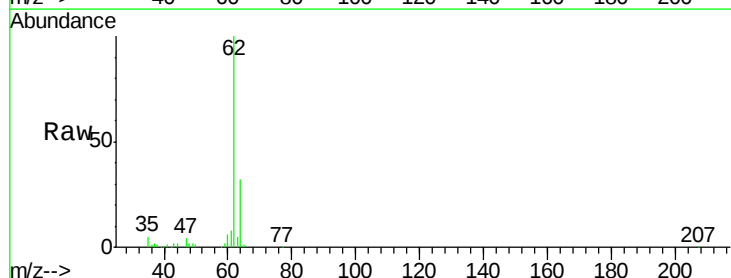
Acq: 12 Mar 2020 20:54

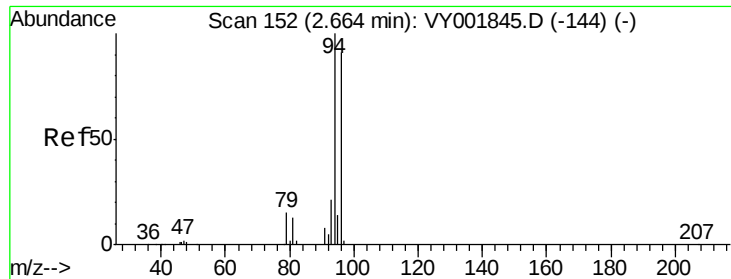
Tgt Ion: 62 Resp: 103297

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 54.293 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 69875

Ion Ratio Lower Upper

94 100

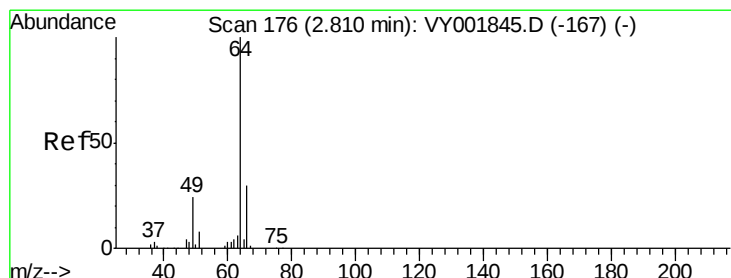
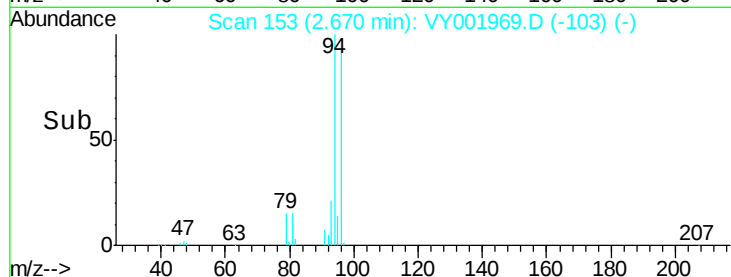
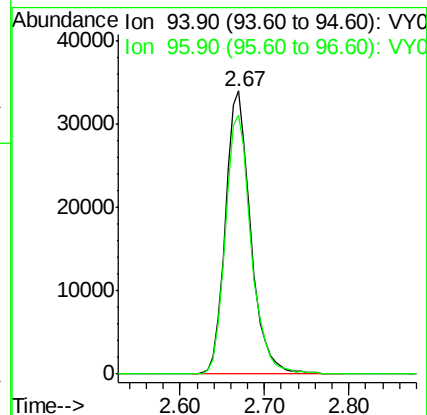
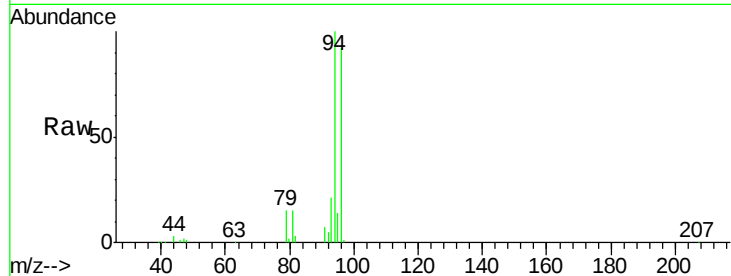
96 91.7 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 49.086 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001969.D

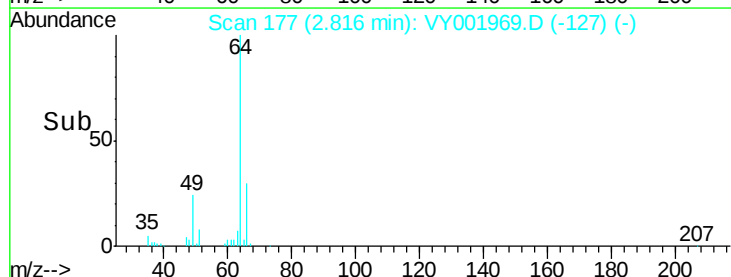
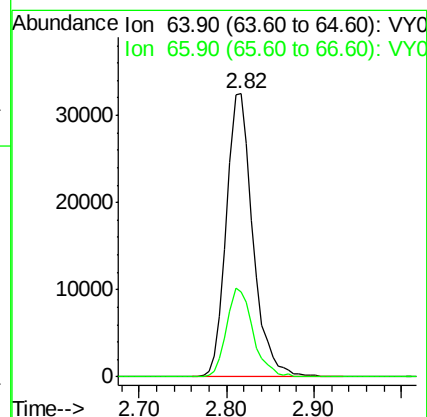
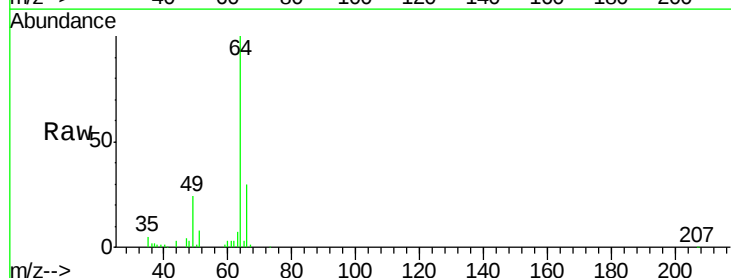
Acq: 12 Mar 2020 20:54

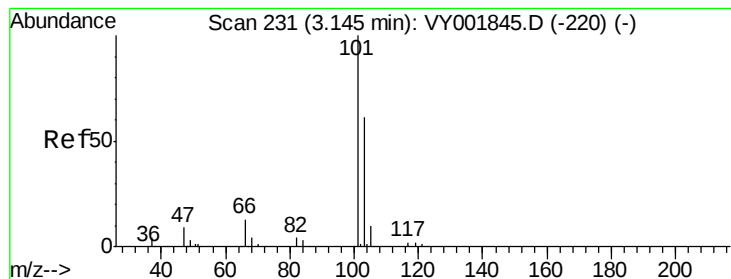
Tgt Ion: 64 Resp: 68578

Ion Ratio Lower Upper

64 100

66 29.9 23.8 35.8





#7

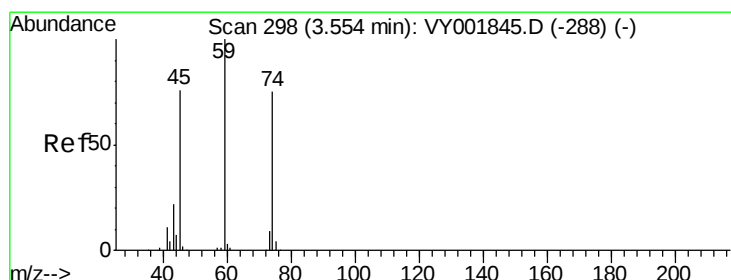
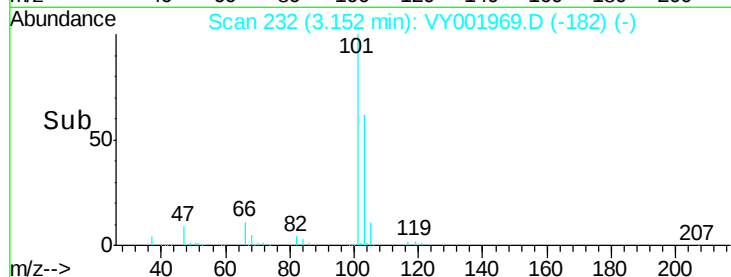
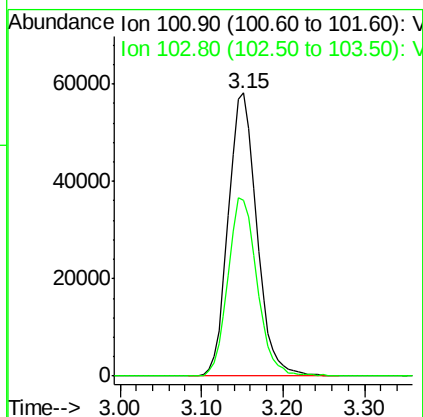
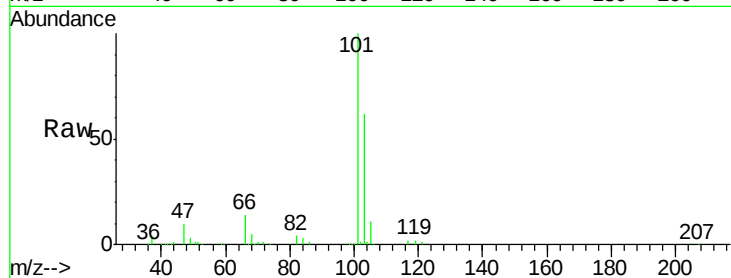
Trichlorofluoromethane
Concen: 46.618 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	49.1	73.7

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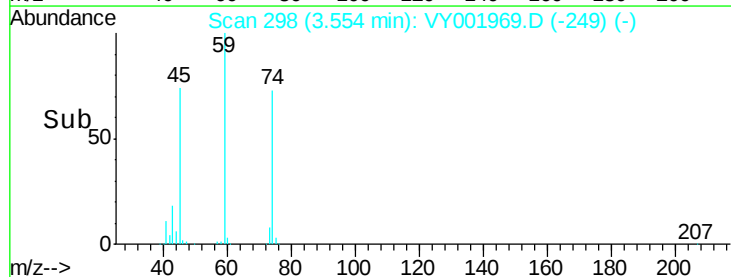
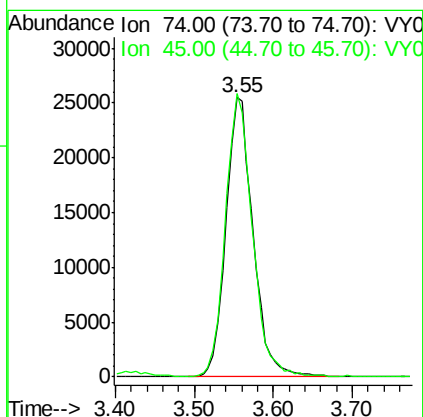
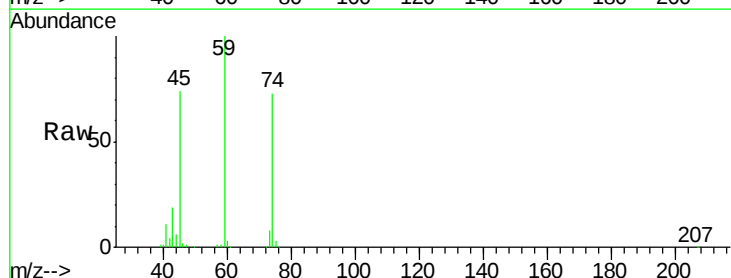
MMDadoda
3/16/2020 11:42:34 AM



#8

Diethyl Ether
Concen: 51.176 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001969.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.488 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001969.D

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MSVOA_Y

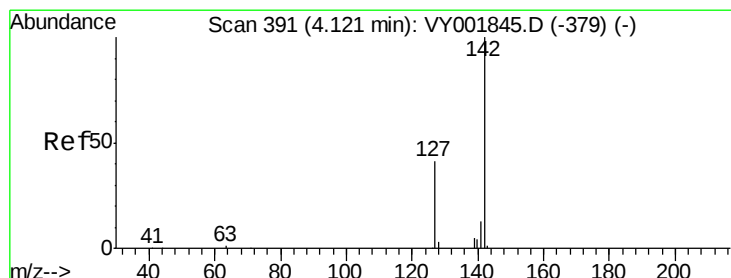
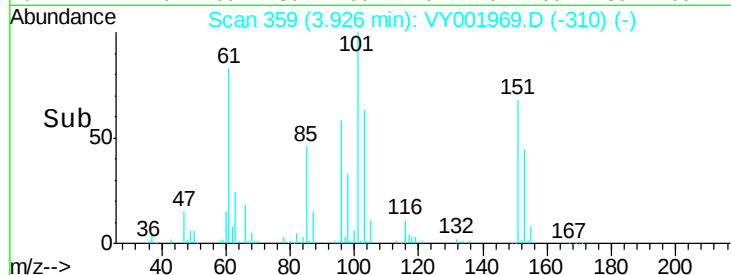
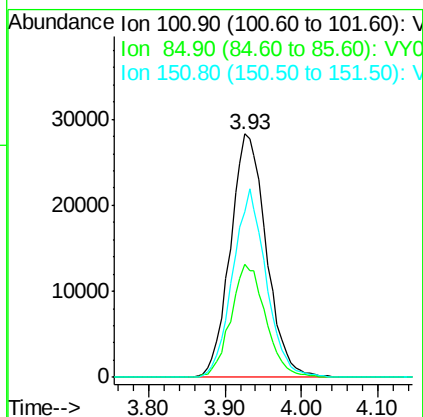
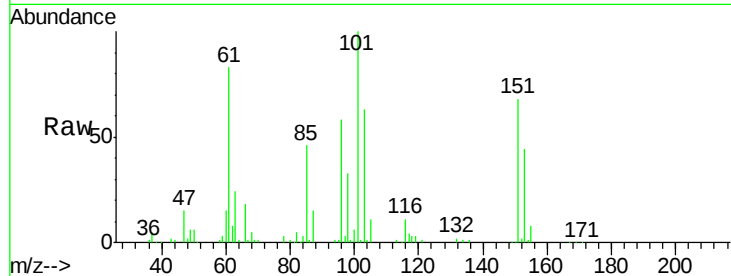
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	92128
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.3	52.9
151	72.3	57.0	85.4

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#10

Methyl Iodide

Concen: 49.833 ug/l

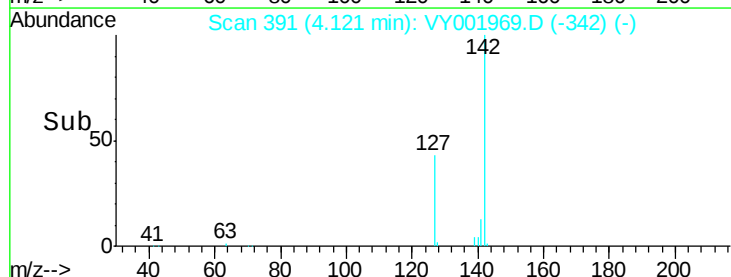
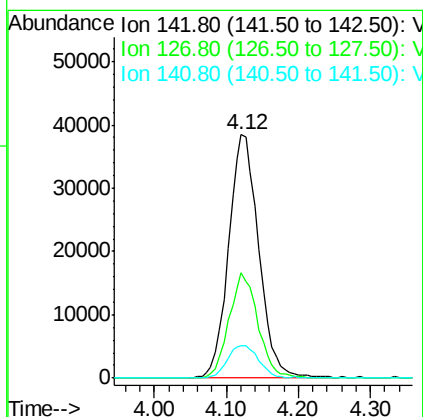
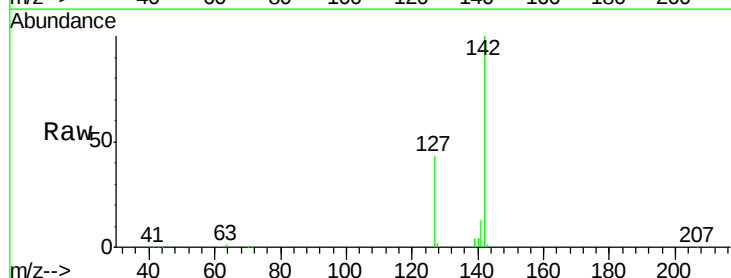
RT: 4.12 min Scan# 391

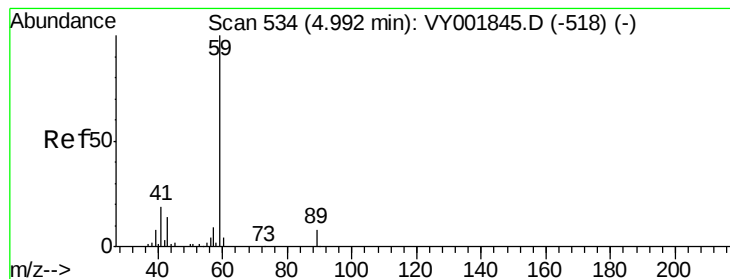
Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion:	142	Resp:	111802
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.7	49.1
141	14.2	11.0	16.6





#11

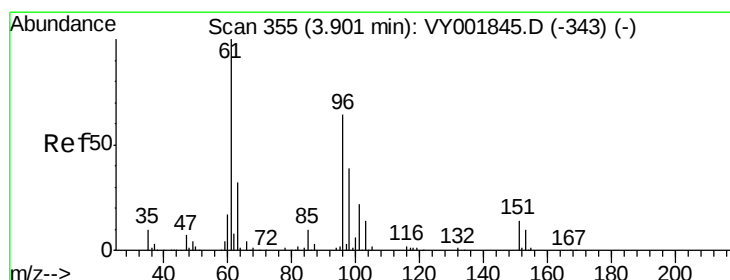
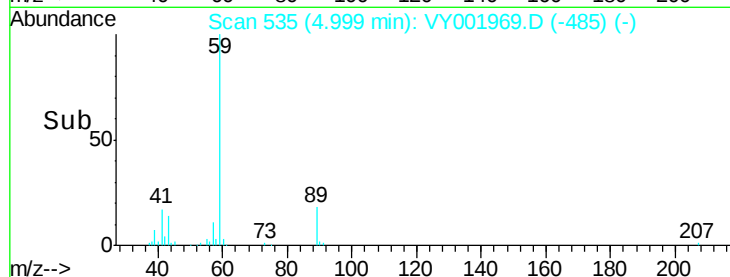
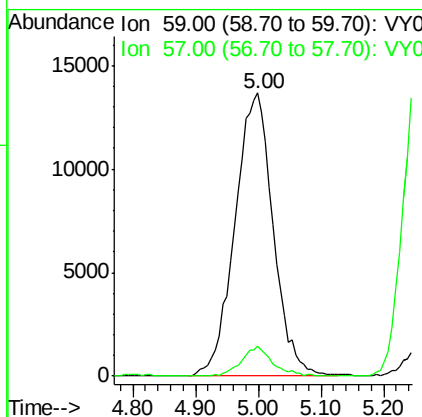
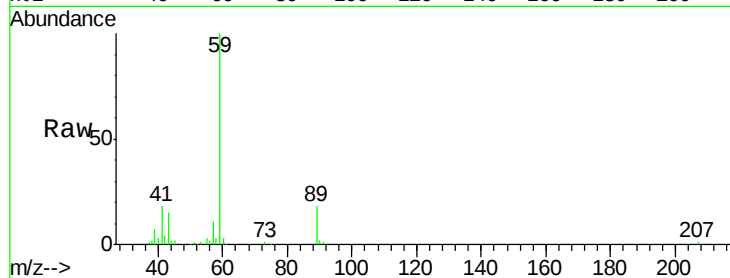
Tert butyl alcohol
 Concen: 299.829 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	57645
Ion Ratio	100	Lower	Upper
59	100		
57	8.5	7.4	11.2

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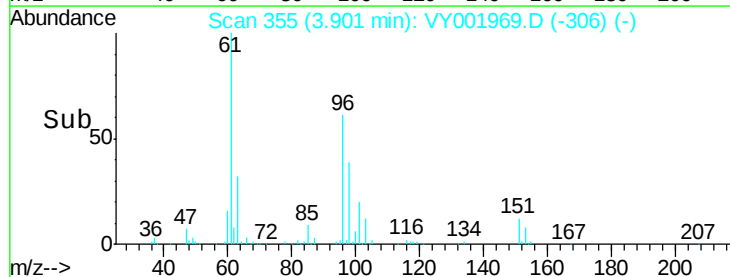
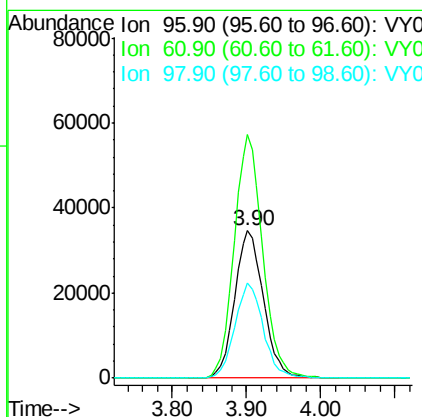
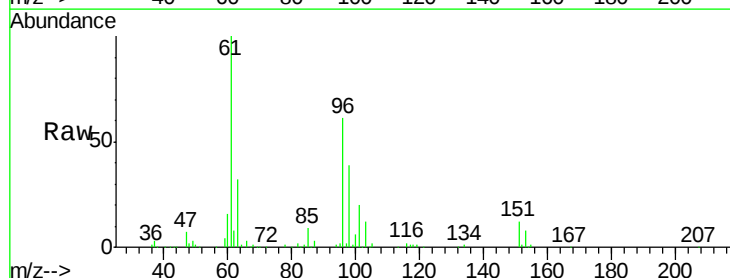
MMDadoda
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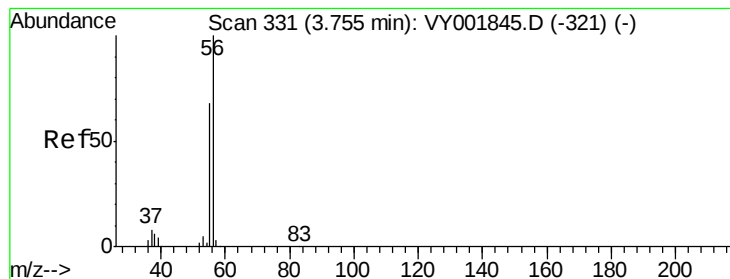


#12

1,1-Dichloroethene
 Concen: 48.139 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	96	Resp	94036
Ion Ratio	100	Lower	Upper
96	100		
61	165.0	124.8	187.2
98	64.8	49.2	73.8





#13

Acrolein

Concen: 235.464 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 62062

Ion Ratio Lower Upper

56 100

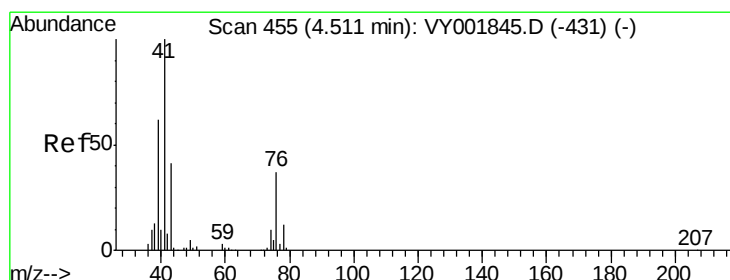
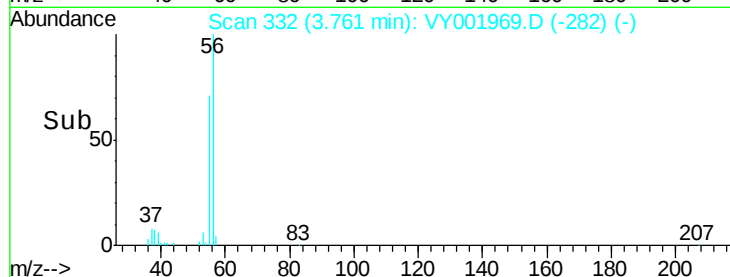
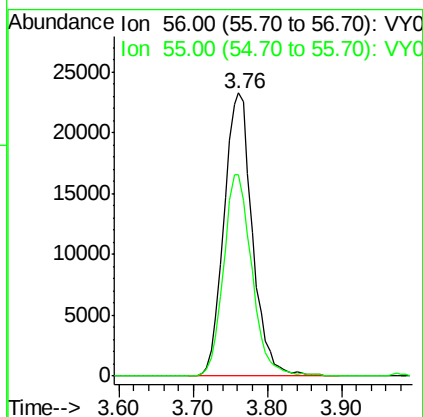
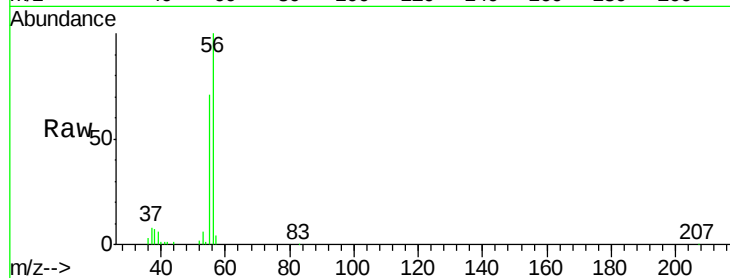
55 70.7 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 51.840 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

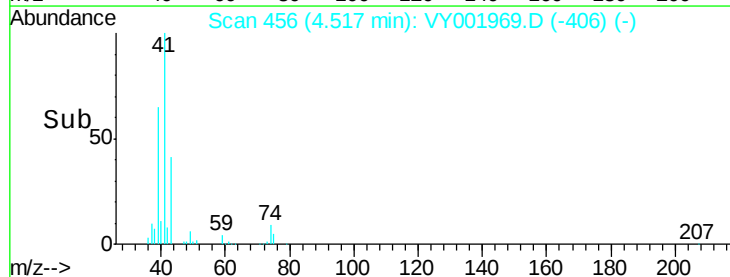
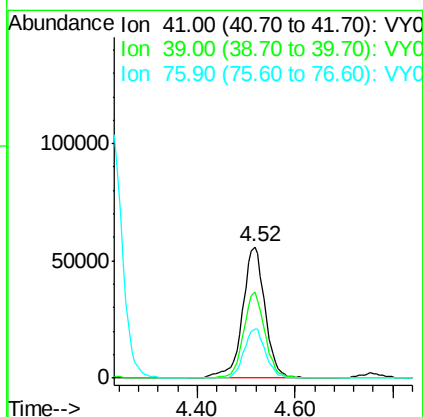
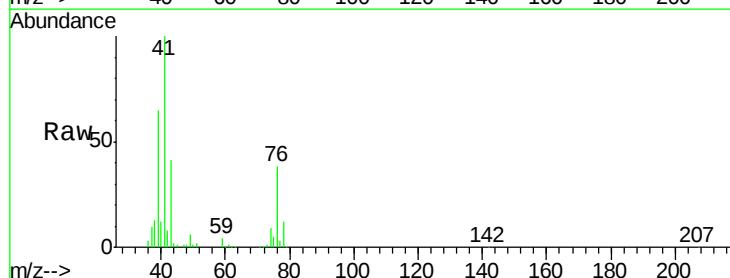
Tgt Ion: 41 Resp: 179521

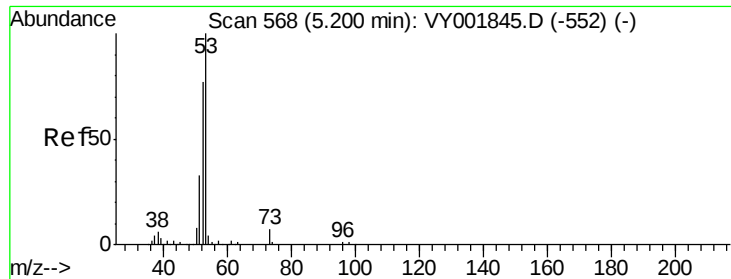
Ion Ratio Lower Upper

41 100

39 61.8 49.0 73.6

76 35.5 28.9 43.3





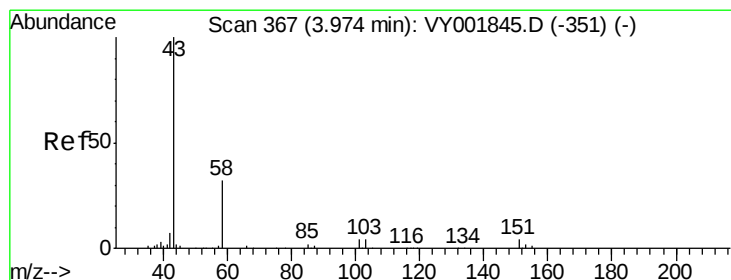
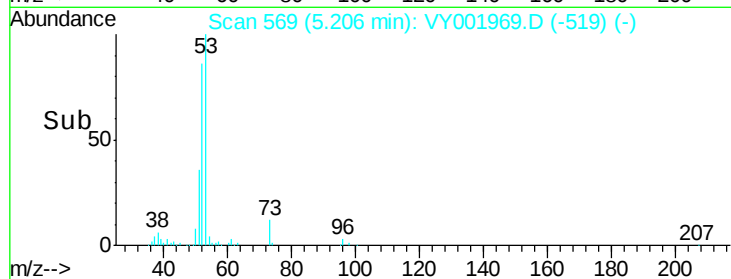
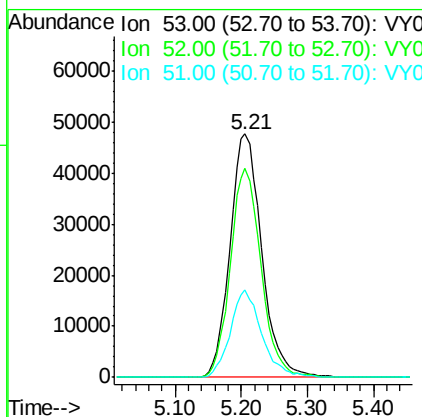
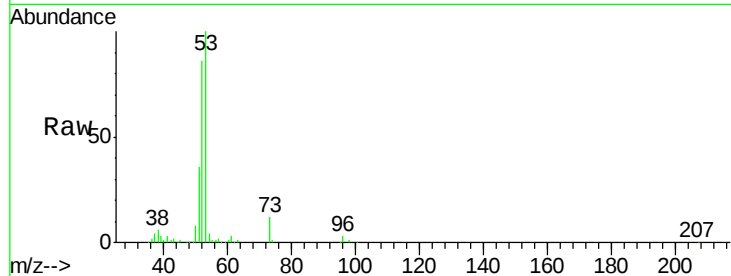
#15
 Acrylonitrile
 Concen: 250.080 ug/l
 RT: 5.21 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.1	97.7
51	35.5	27.5	41.3

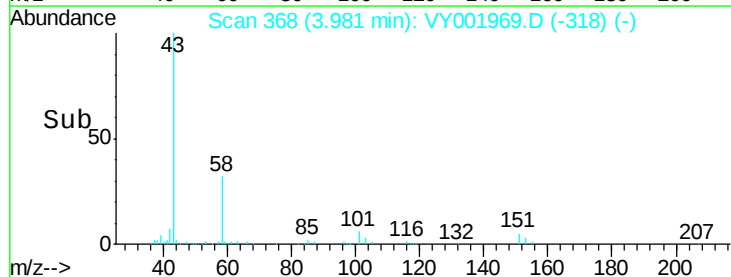
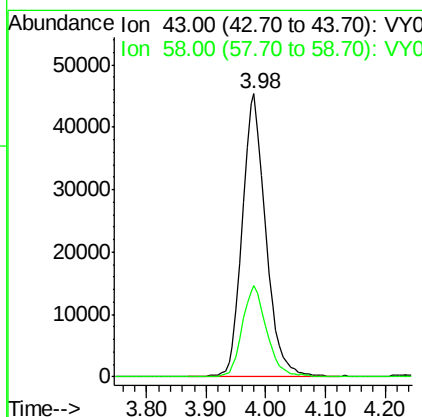
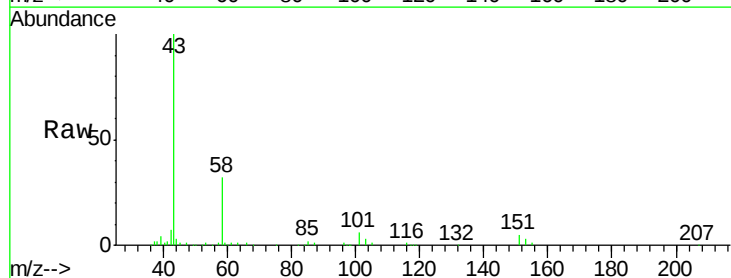
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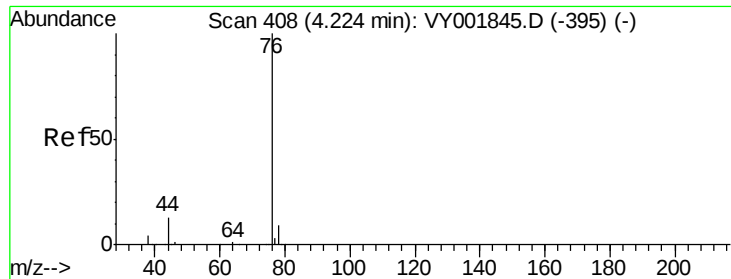
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#16
 Acetone
 Concen: 228.388 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.9	38.9





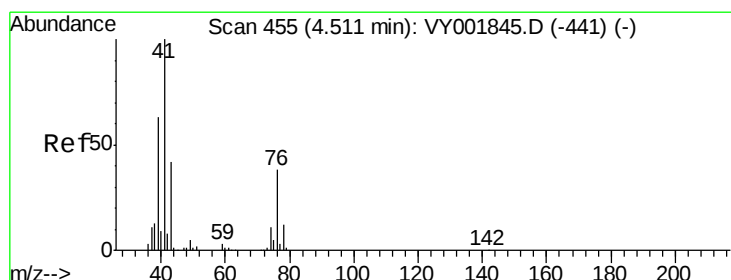
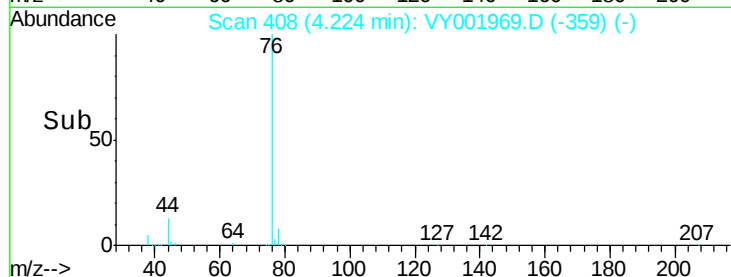
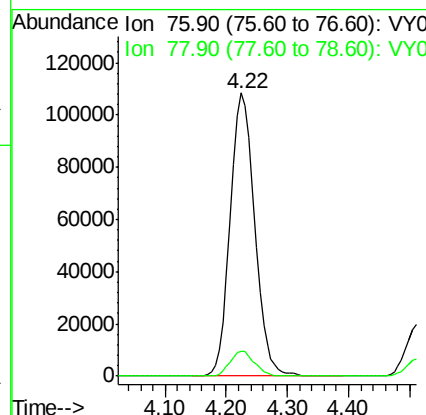
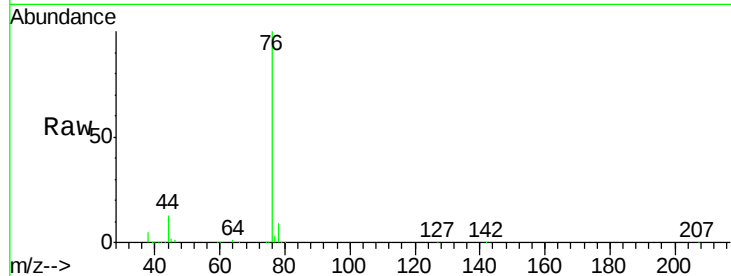
#17
Carbon Disulfide
Concen: 45.639 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

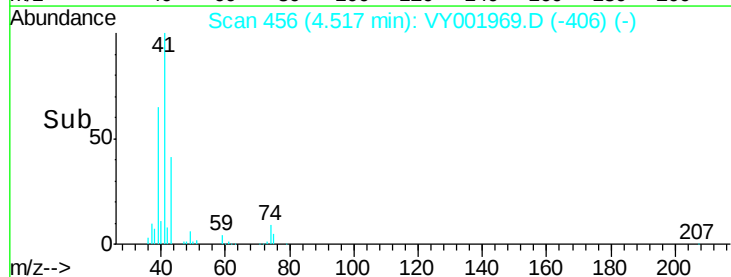
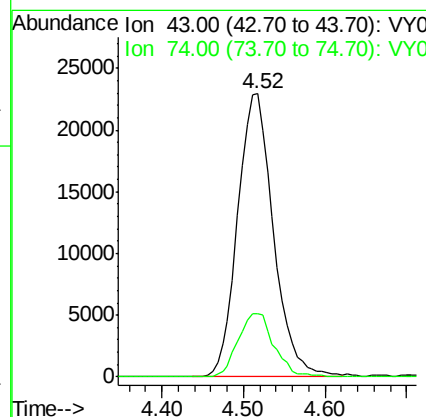
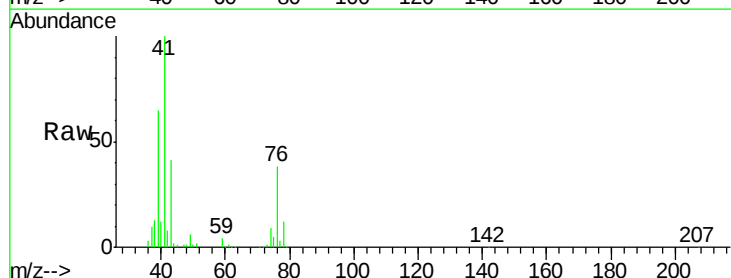
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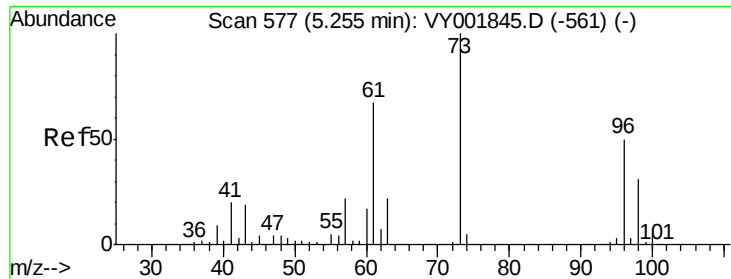
MMDadoda
3/16/2020 11:42:34 AM



#18
Methyl Acetate
Concen: 49.798 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.0	28.6





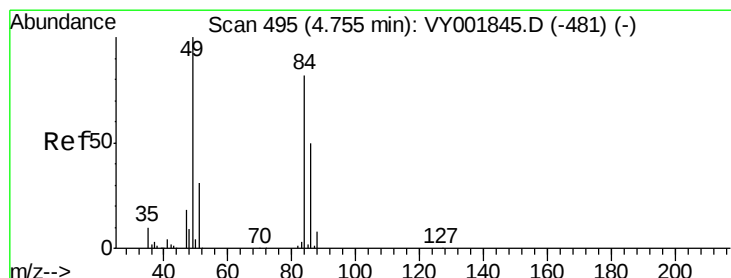
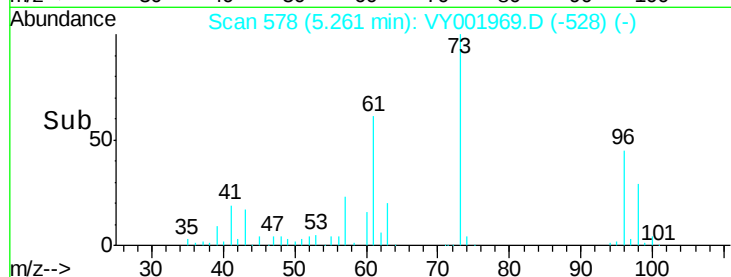
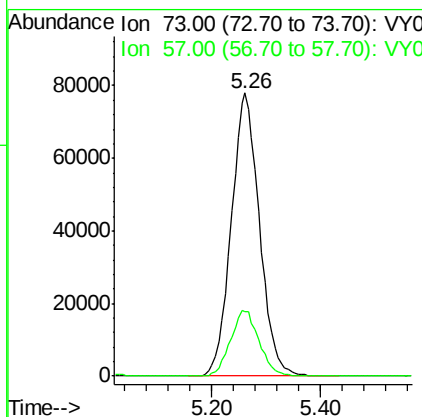
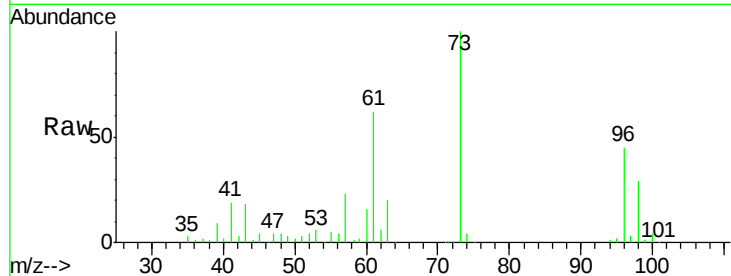
#19
Methvl tert-butvl Ether
Concen: 53.032 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 280729
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

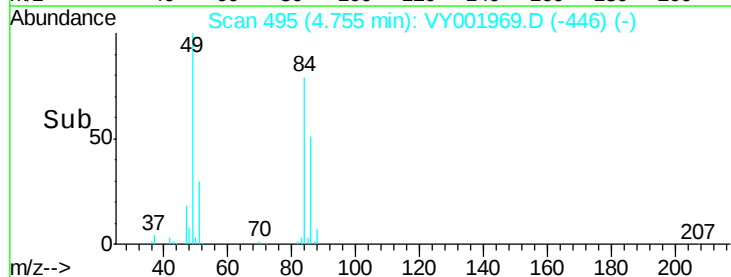
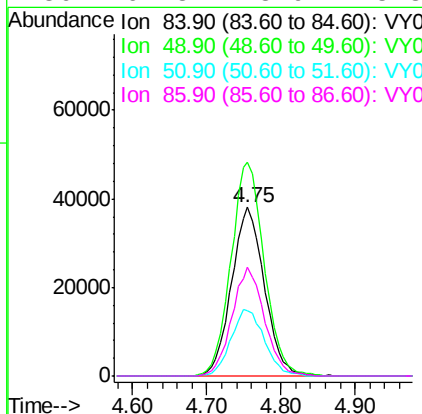
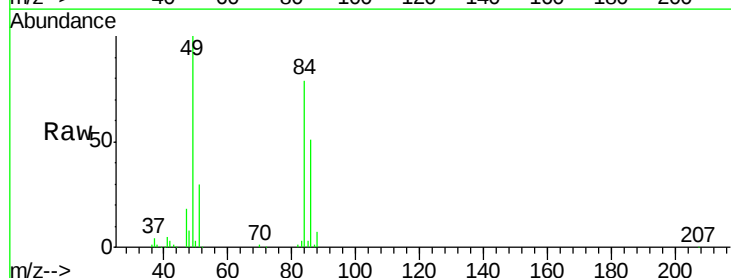
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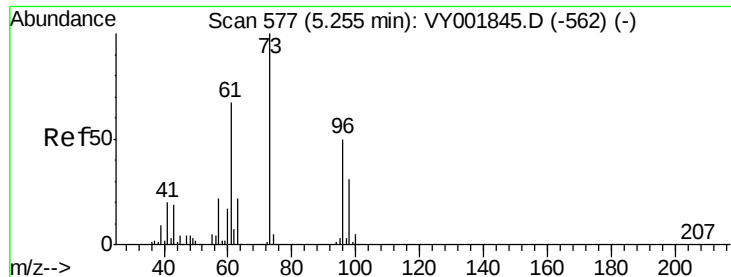
MMDadoda
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#20
Methylene Chloride
Concen: 50.421 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion: 84 Resp: 118052
Ion Ratio Lower Upper
84 100
49 126.6 98.2 147.2
51 38.4 30.2 45.2
86 64.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 49.838 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 110499

Ion Ratio Lower Upper

96 100

61 136.5 107.7 161.5

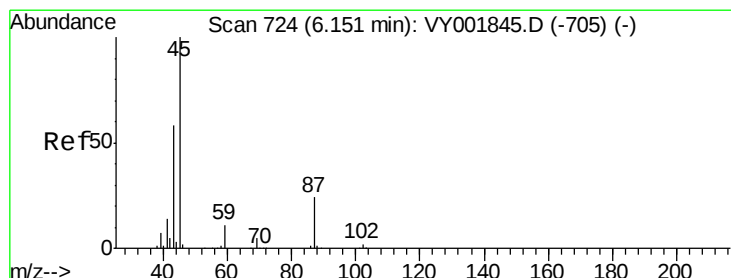
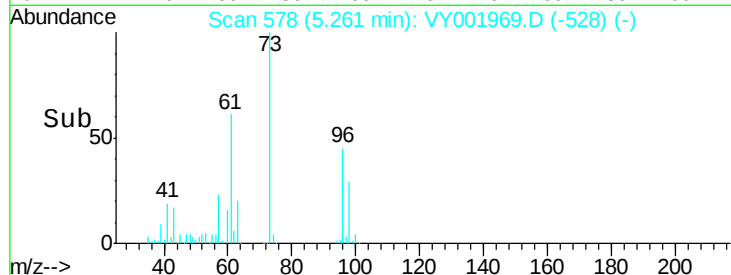
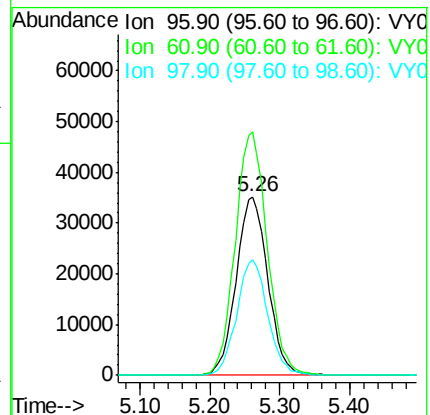
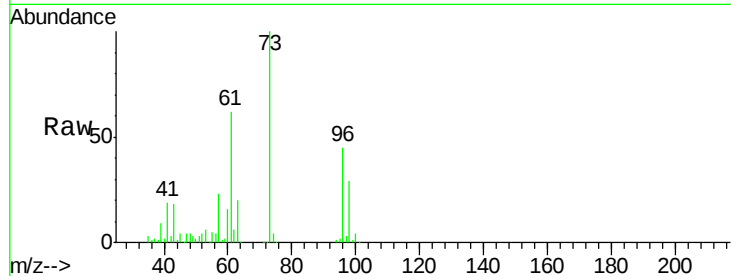
98 64.7 49.3 73.9

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#22

Diisopropyl ether

Concen: 53.227 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion: 45 Resp: 377832

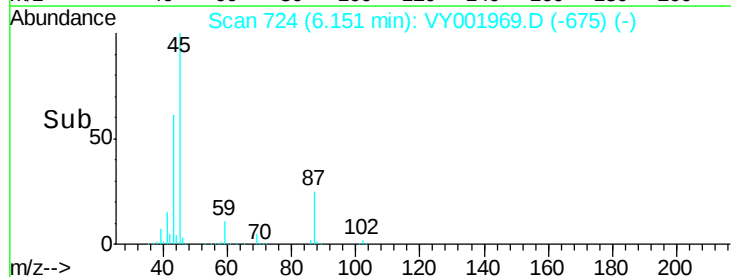
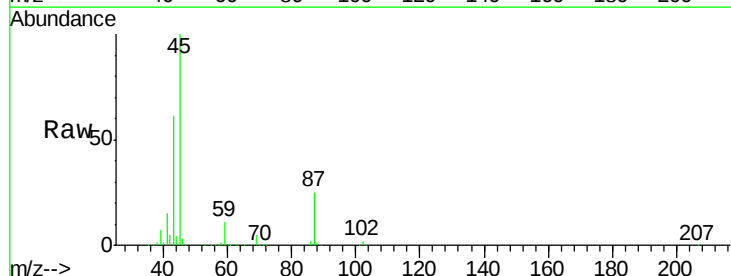
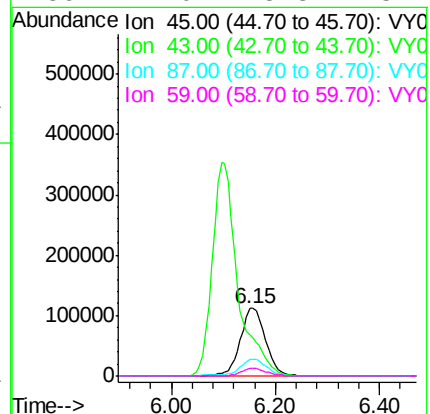
Ion Ratio Lower Upper

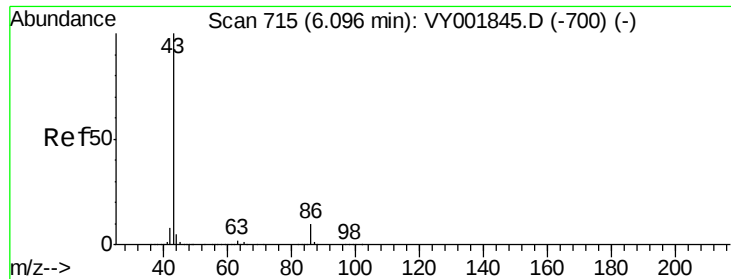
45 100

43 60.8 47.2 70.8

87 24.7 19.8 29.8

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 258.042 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1200818

Ion Ratio Lower Upper

43 100

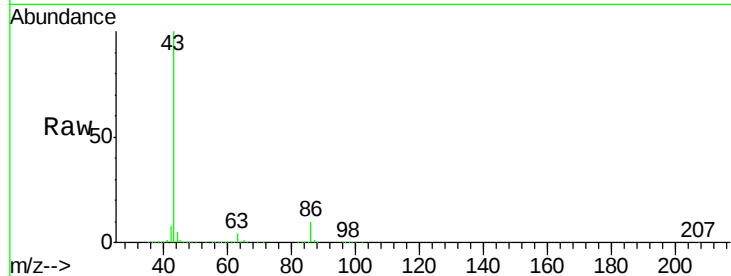
86 10.3 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

400000

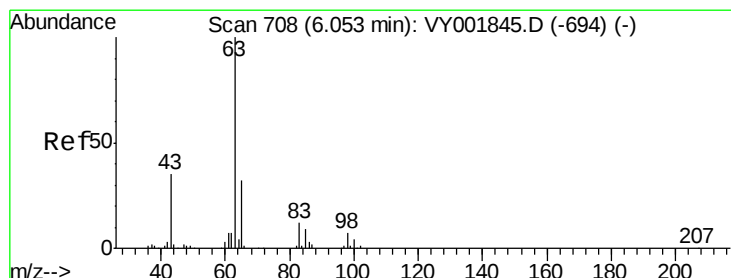
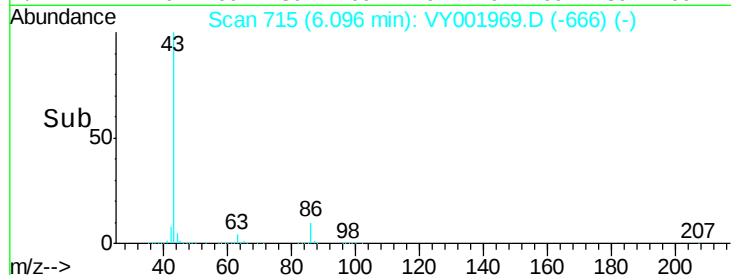
300000

200000

100000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 51.926 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

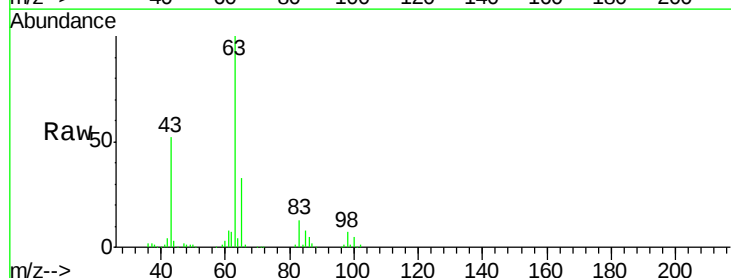
Tgt Ion: 63 Resp: 199607

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.06

80000

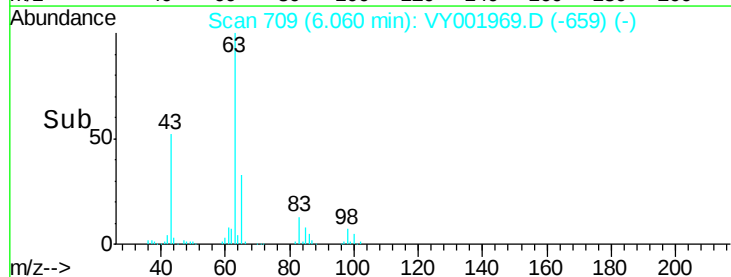
60000

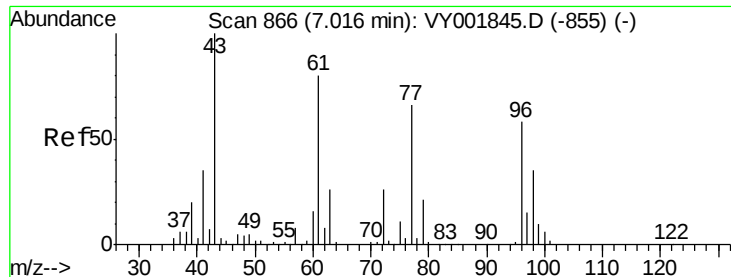
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 242.336 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 201327

Ion Ratio Lower Upper

43 100

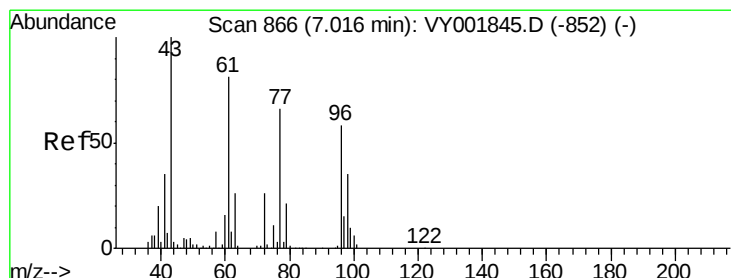
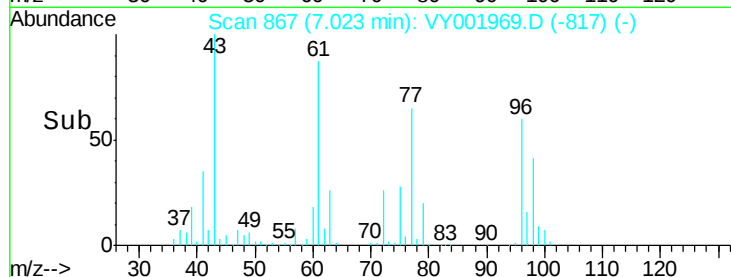
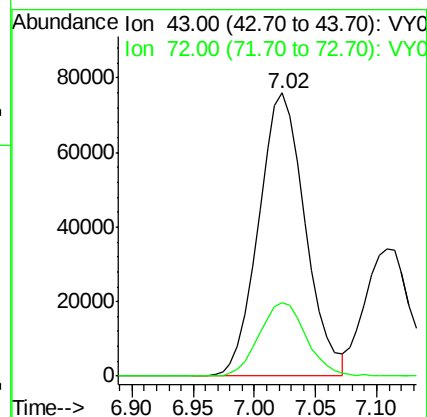
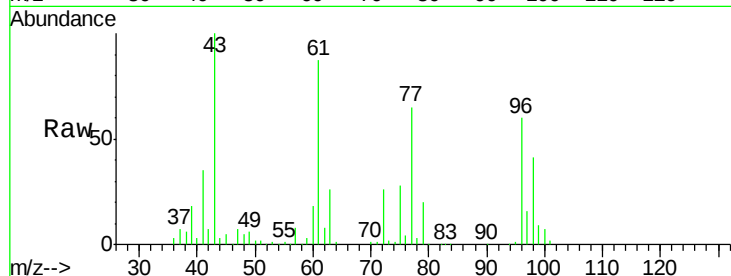
72 26.0 20.9 31.3

Manual Integrations

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MMDadoda

3/16/2020 11:42:34 AM



#26

2,2-Dichloropropane

Concen: 49.312 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001969.D

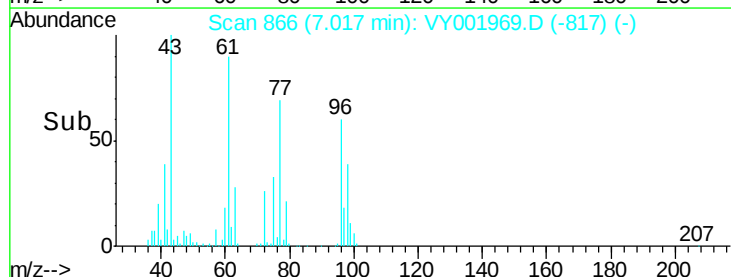
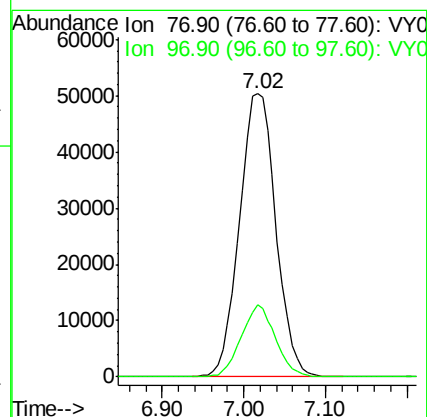
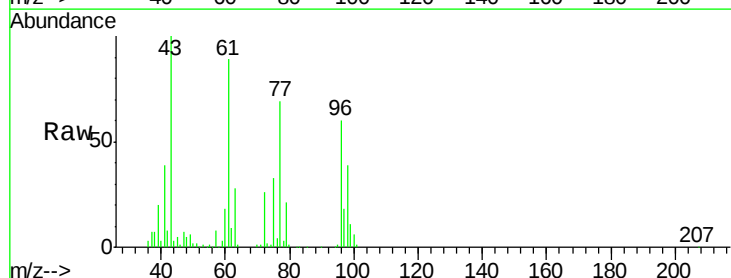
Acq: 12 Mar 2020 20:54

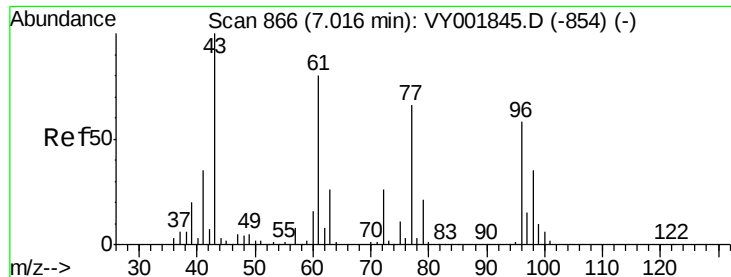
Tgt Ion: 77 Resp: 155584

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





#27

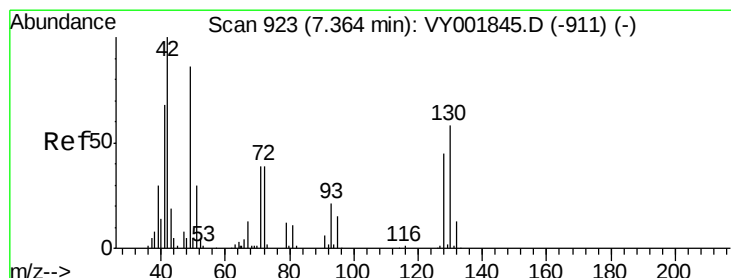
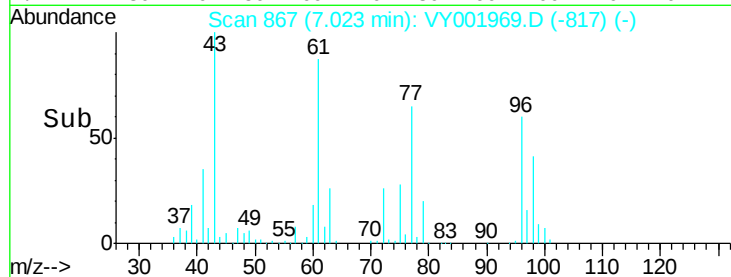
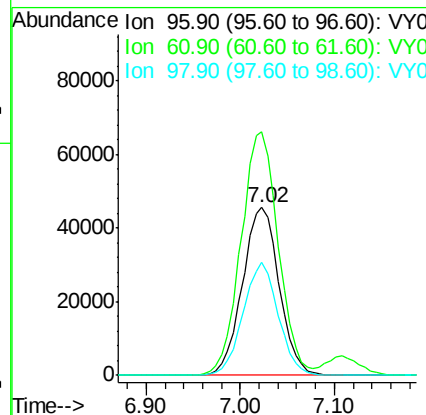
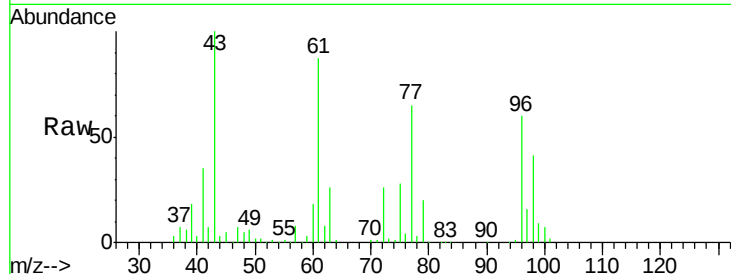
cis-1,2-Dichloroethene
Concen: 51.527 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	288.2
98	64.8	0.0	129.0

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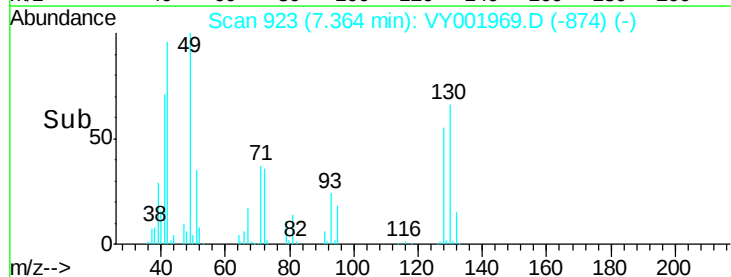
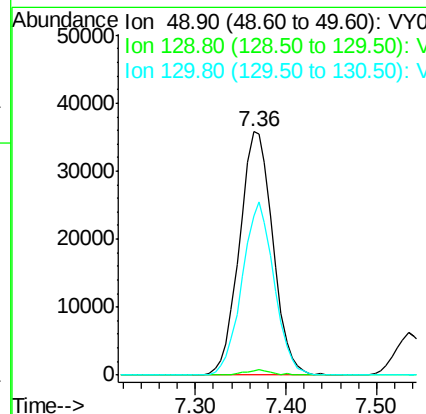
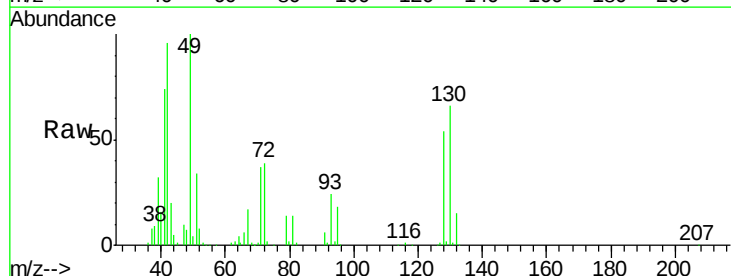
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3/16/2020 11:42:34 AM

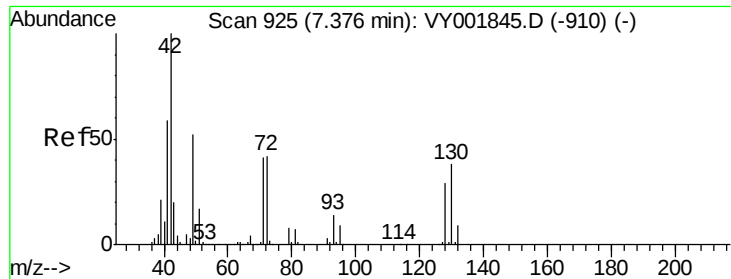


#28

Bromochloromethane
Concen: 52.605 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.4	54.4	81.6





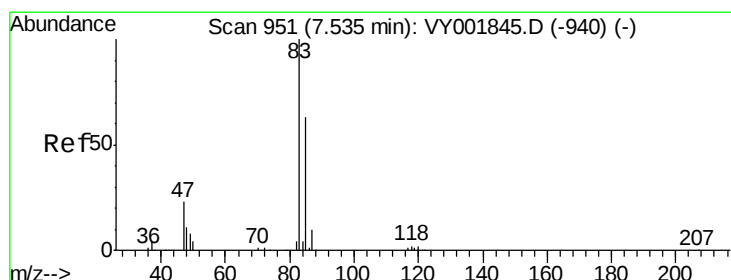
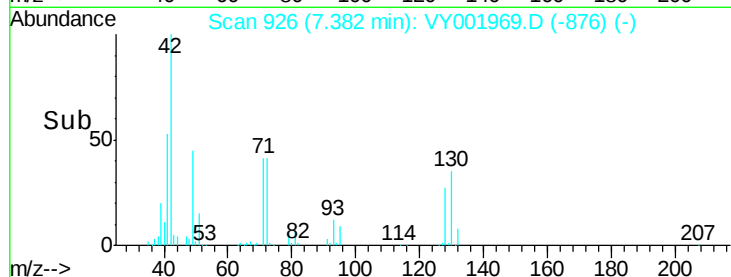
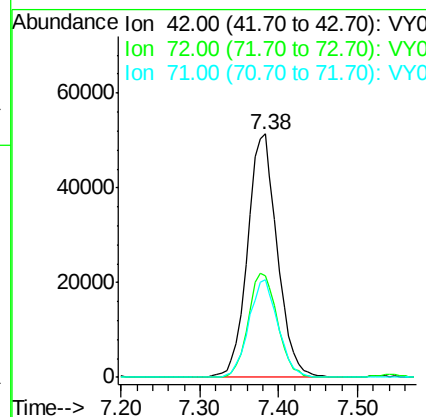
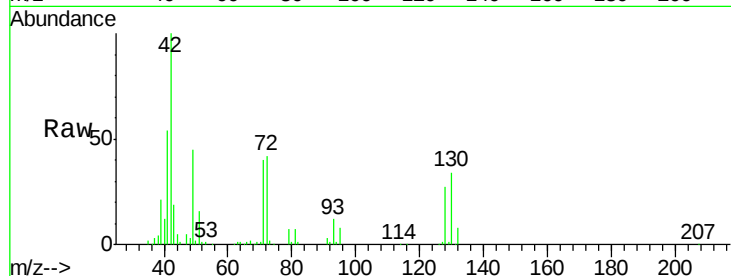
#29
Tetrahydrofuran
Concen: 243.975 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.5	50.3
71	39.6	31.3	46.9

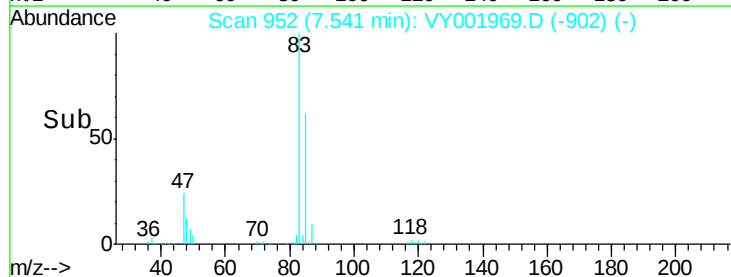
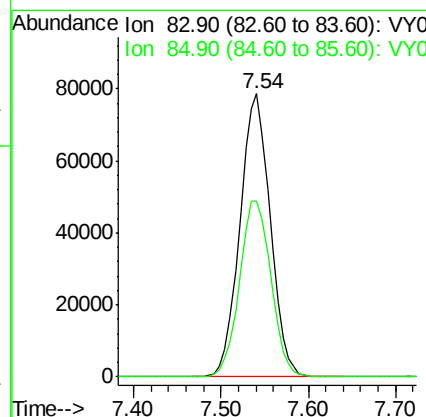
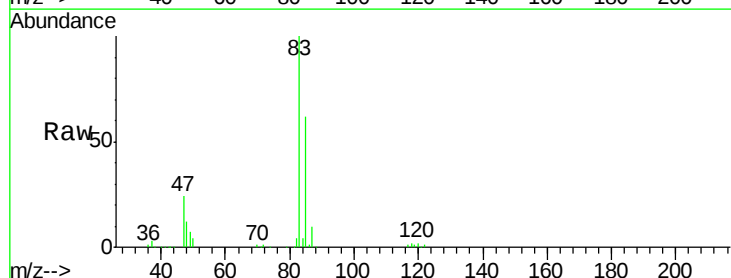
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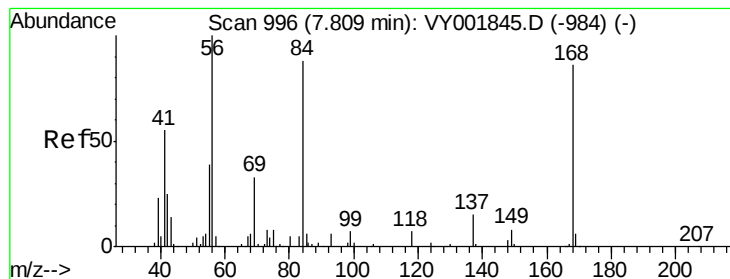
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#30
Chloroform
Concen: 52.518 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.7	76.1





#31

Cyclohexane

Concen: 46.267 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 190699

Ion Ratio Lower Upper

56 100

69 32.1 26.7 40.1

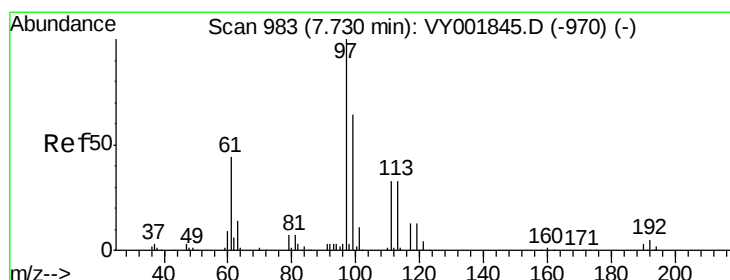
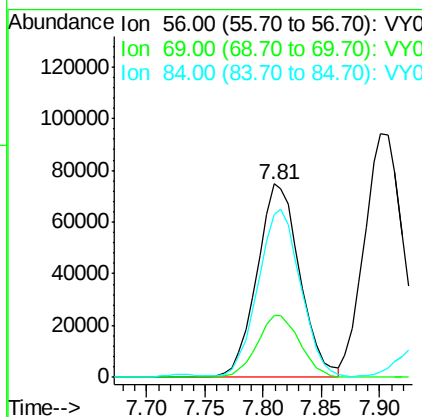
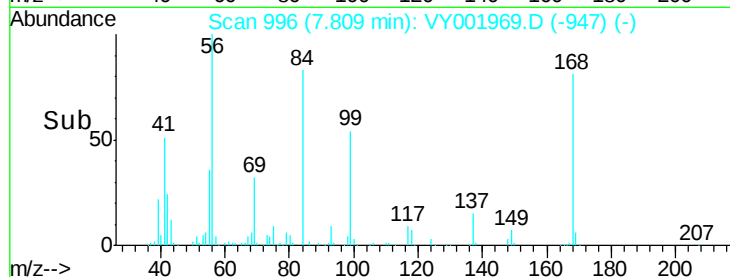
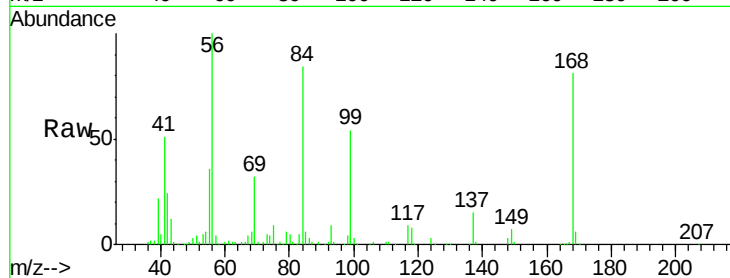
84 82.9 70.4 105.6

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#32

1,1,1-Trichloroethane

Concen: 51.563 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

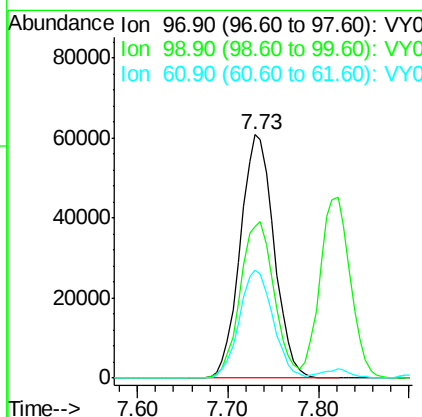
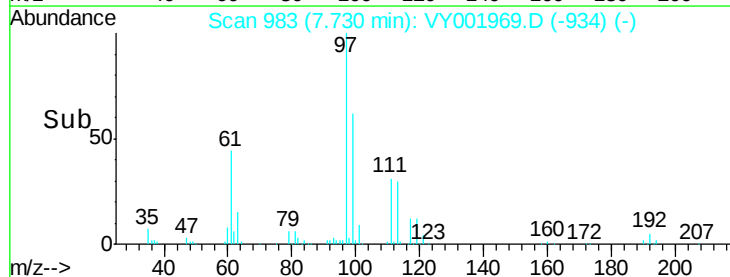
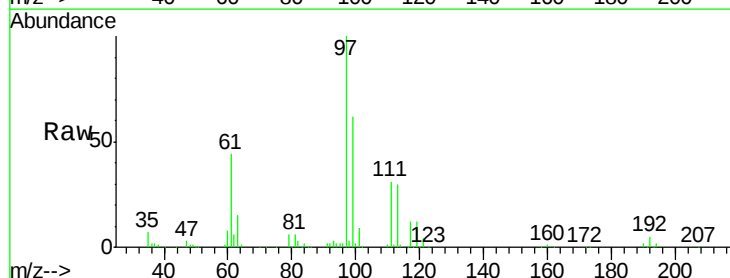
Tgt Ion: 97 Resp: 156958

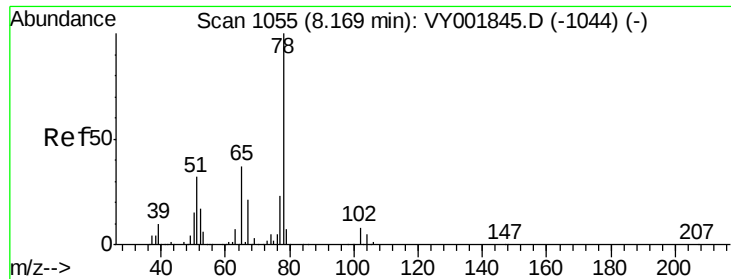
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 44.2 35.0 52.4





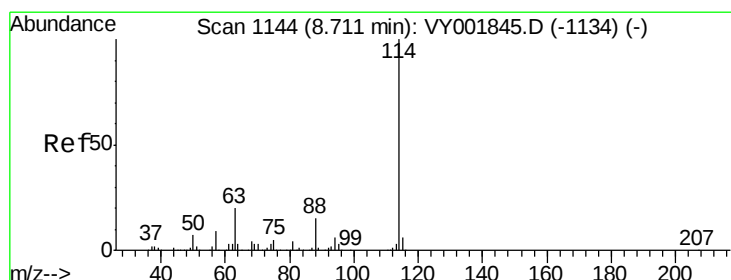
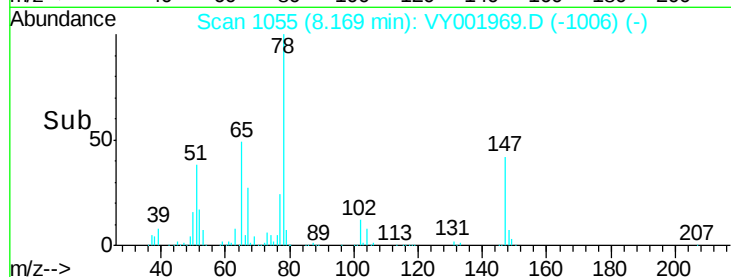
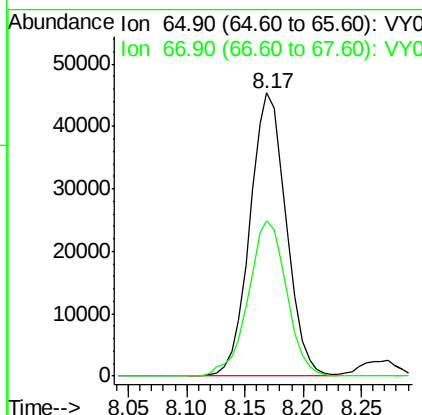
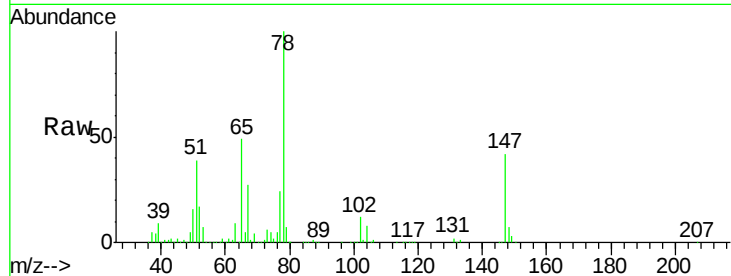
#33
 1,2-Dichloroethane-d4
 Concen: 52.743 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	57.7	0.0	110.8	

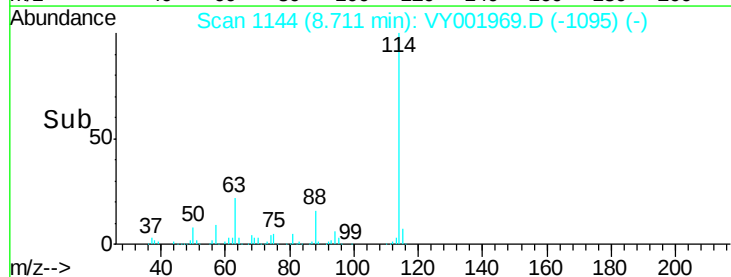
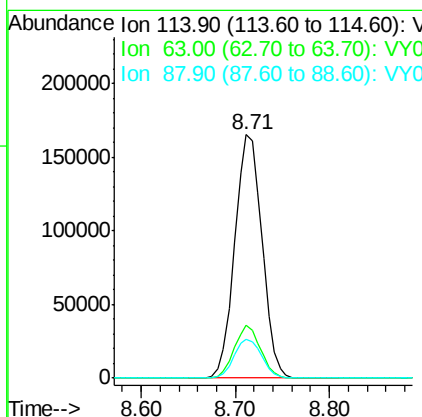
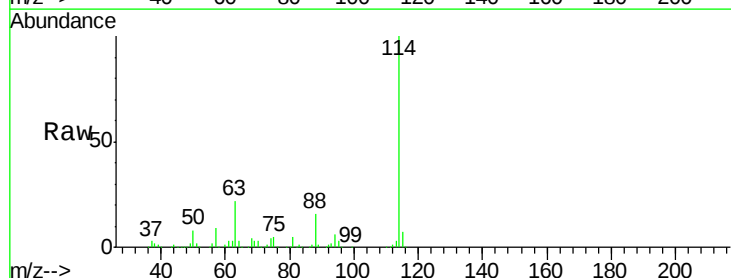
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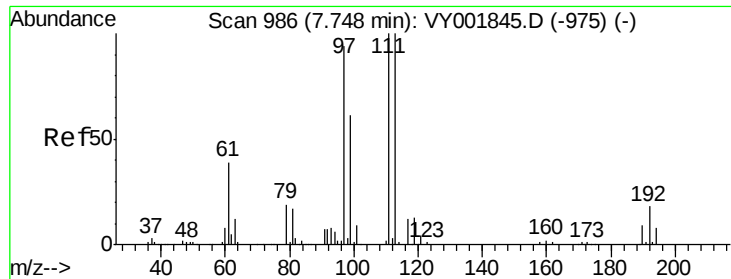
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	39.4	
88	15.8	0.0	30.4	





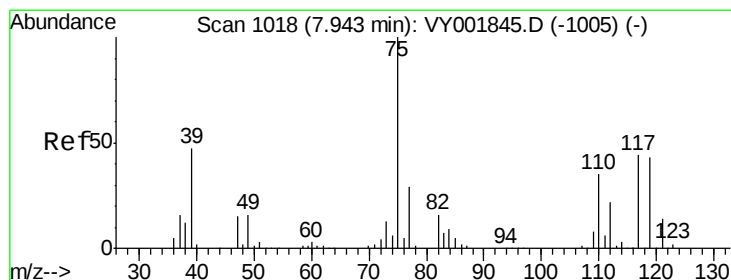
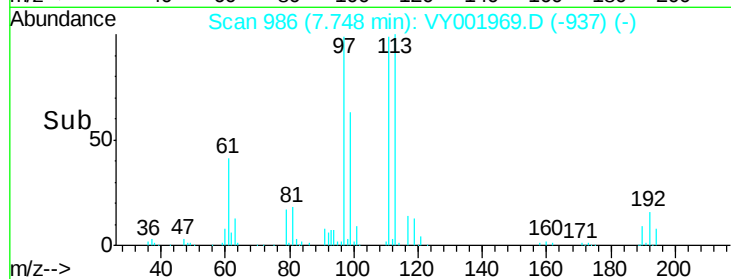
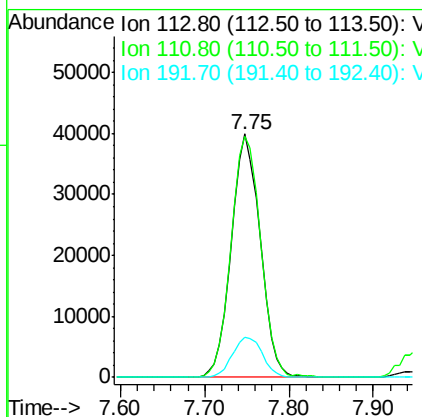
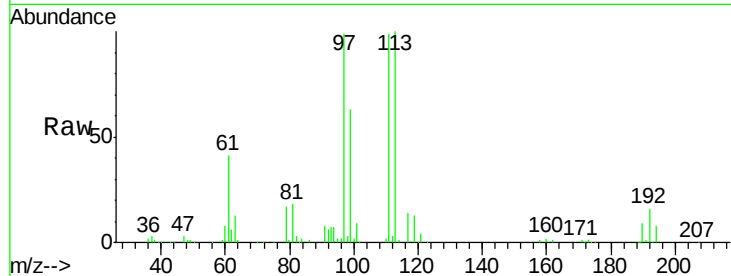
#35
 Dibromofluoromethane
 Concen: 50.995 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	17.1	14.2	21.2

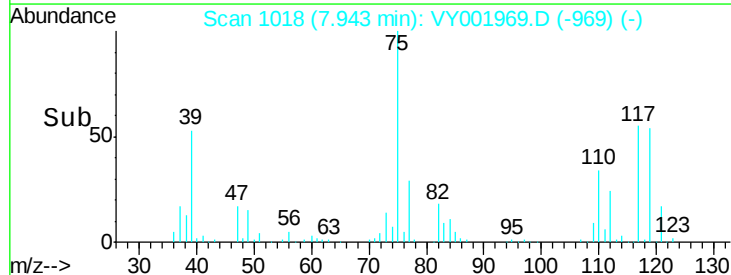
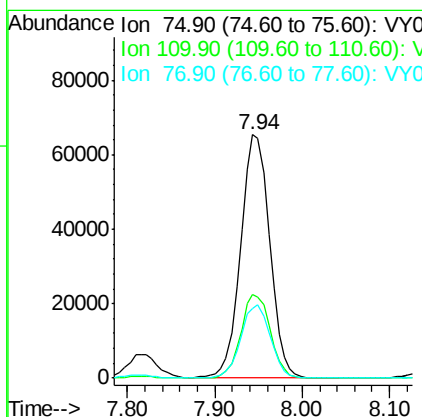
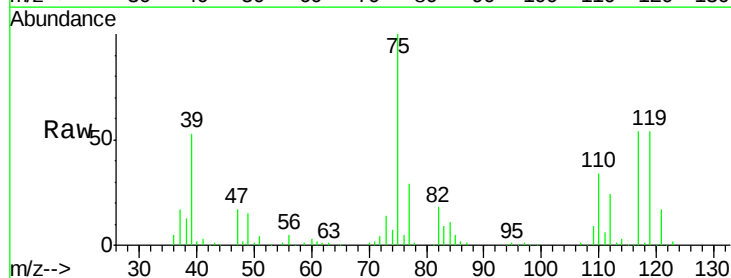
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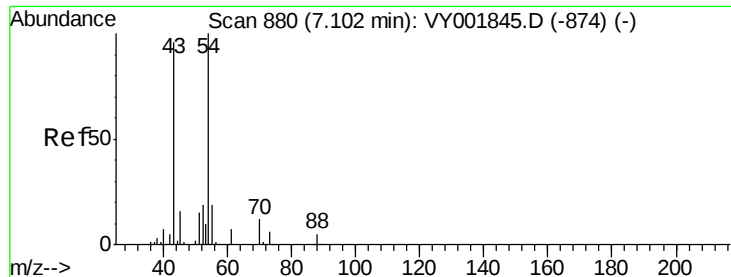
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#36
 1,1-Dichloropropene
 Concen: 47.175 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.4	52.2
77	30.8	24.2	36.2





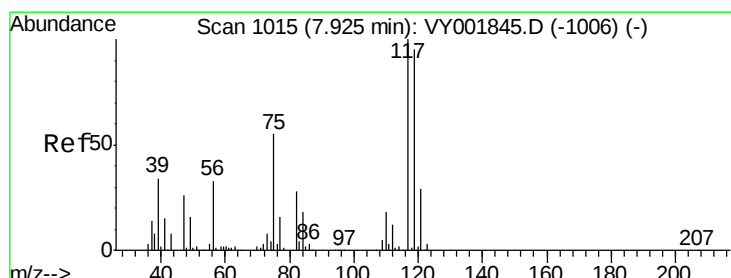
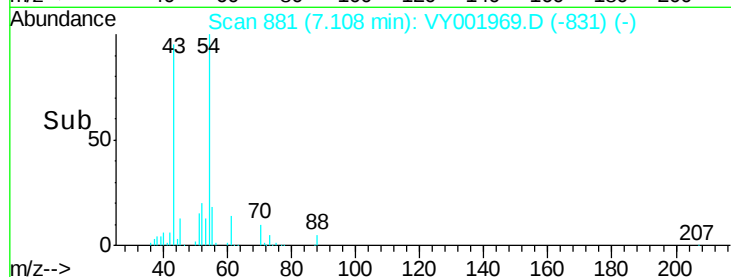
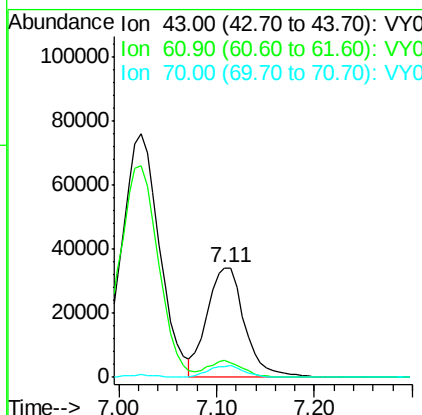
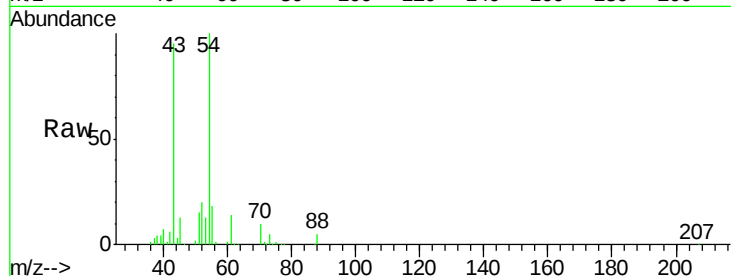
#37
Ethyl Acetate
Concen: 48.450 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.5	8.2	12.4

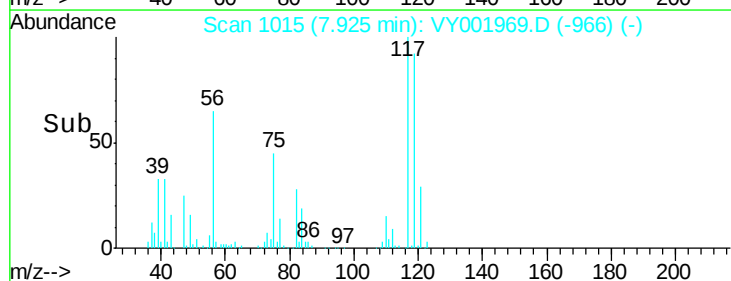
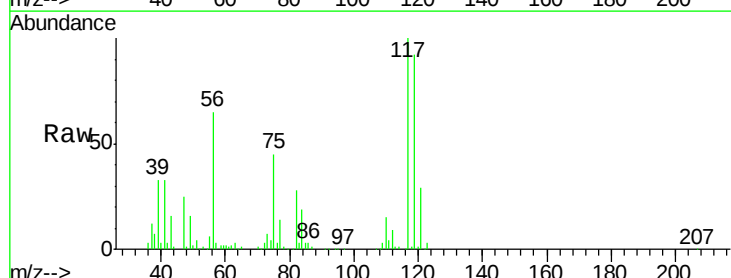
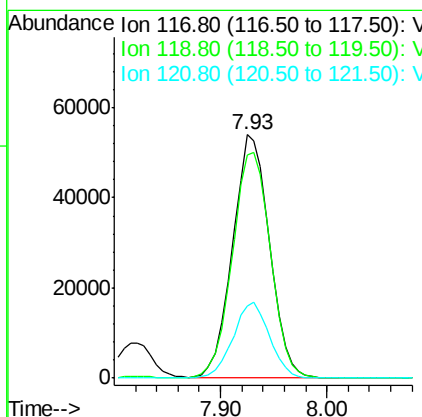
Manual Integrations
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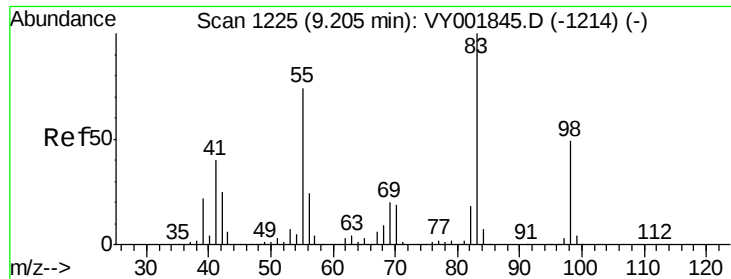
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#38
Carbon Tetrachloride
Concen: 48.022 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.3	114.5
121	29.5	23.5	35.3





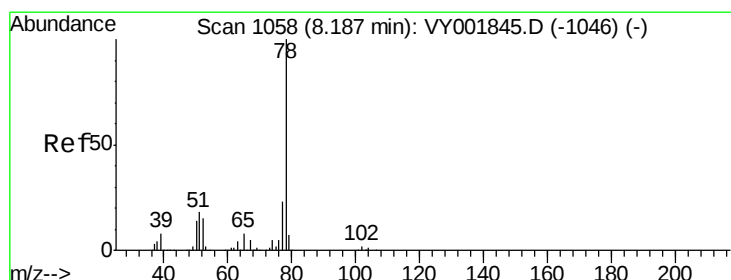
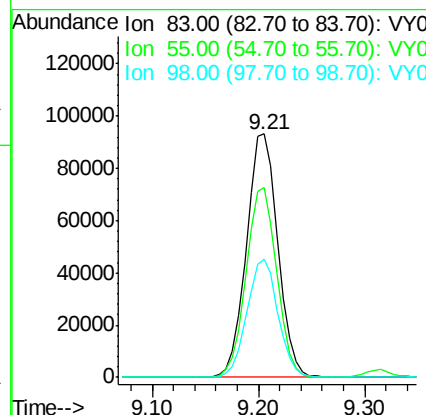
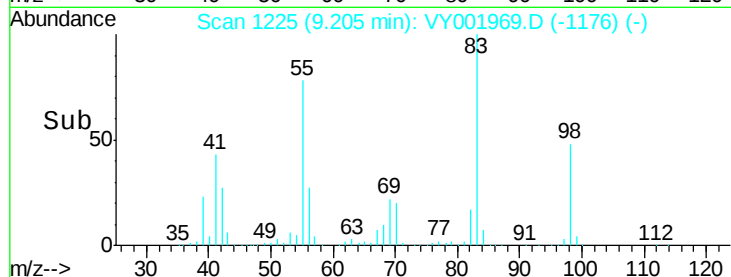
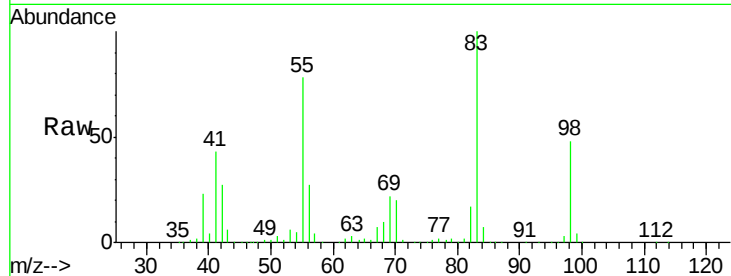
#39
Methvlcvclohexane
Concen: 45.419 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	193084
Ion Ratio	100	Lower	Upper
83	100		
55	78.2	59.4	89.0
98	48.3	38.9	58.3

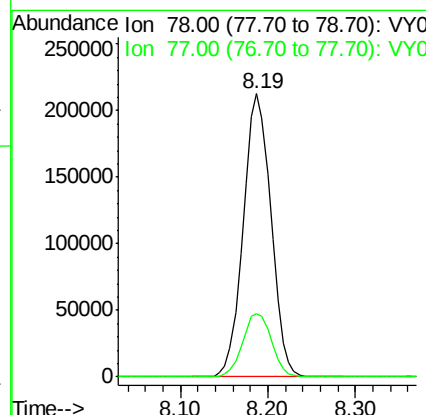
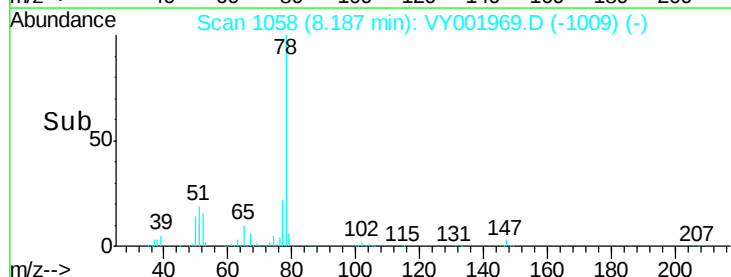
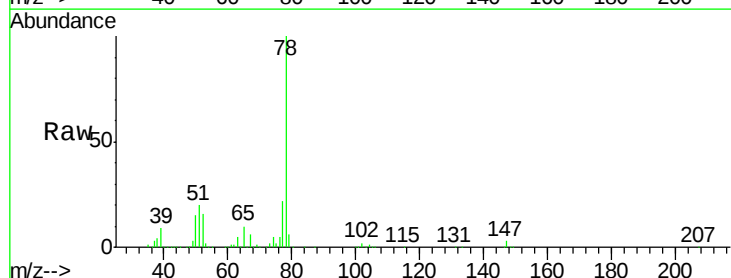
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#40
Benzene
Concen: 49.305 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	78.00	Resp	468413
Ion Ratio	100	Lower	Upper
78	100		
77	22.2	18.7	28.1





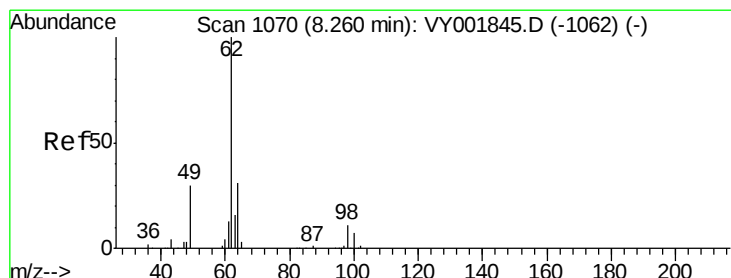
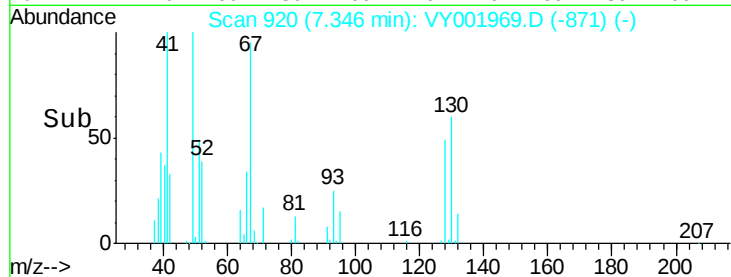
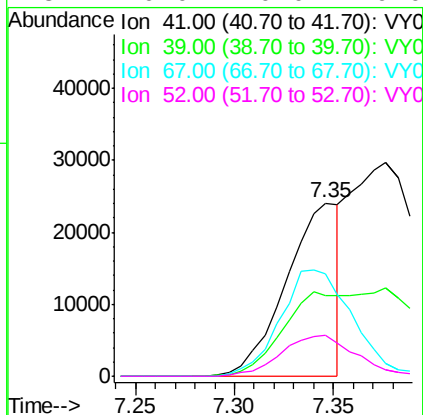
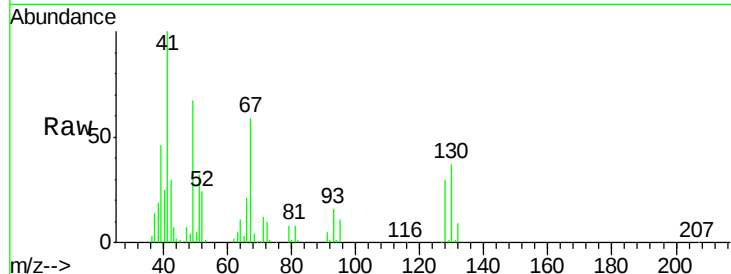
#41
Methacrylonitrile
Concen: 54.568 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

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

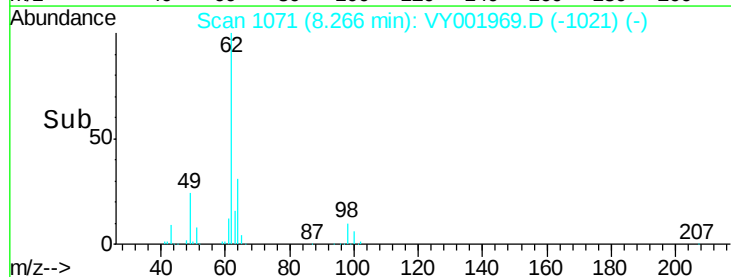
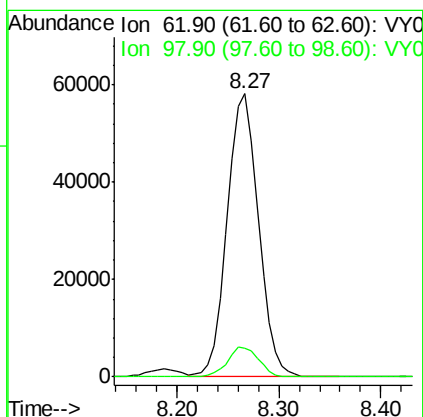
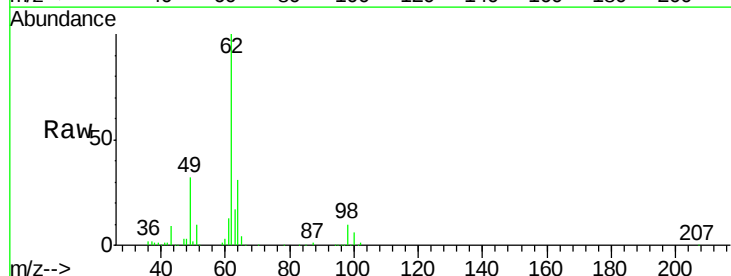
Manual Integrations
APPROVED

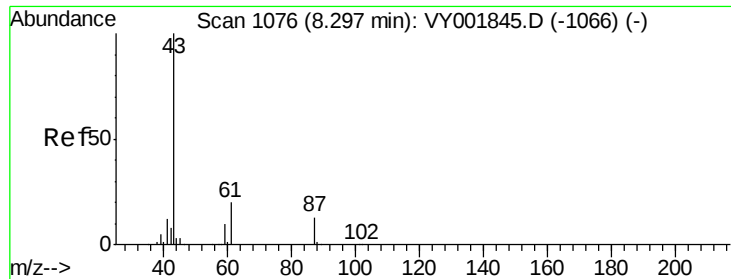
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#42
1,2-Dichloroethane
Concen: 50.520 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4





#43

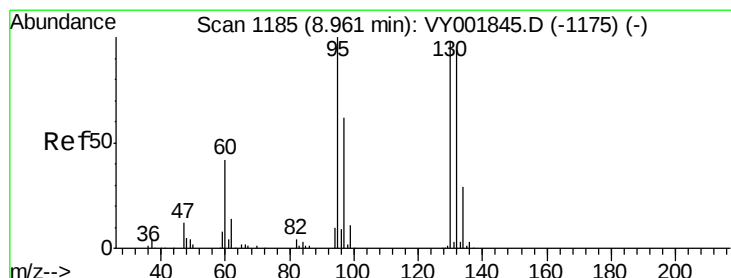
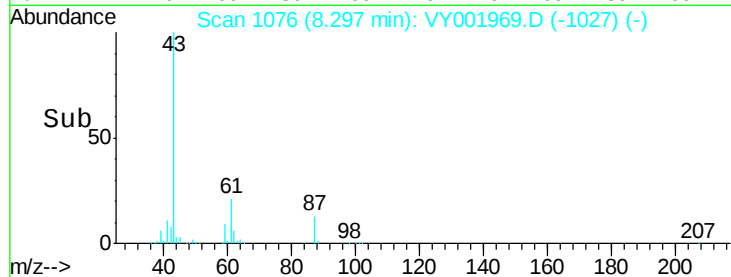
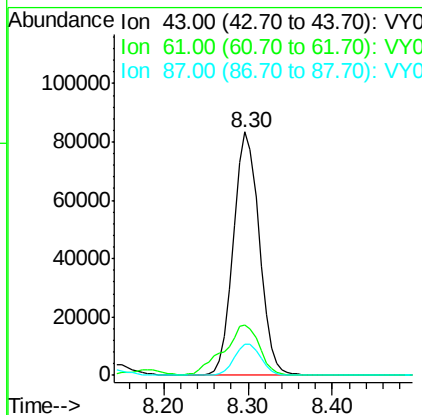
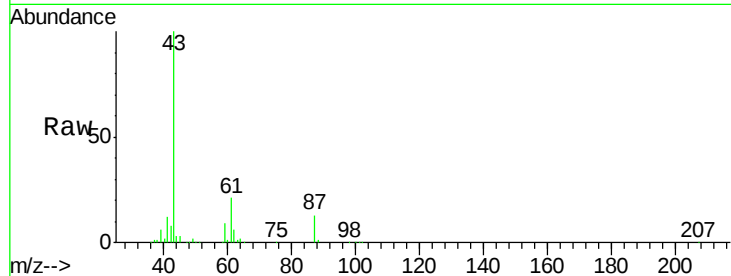
Isopropyl Acetate
 Concen: 49.072 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.8	35.6
87	13.2	10.9	16.3

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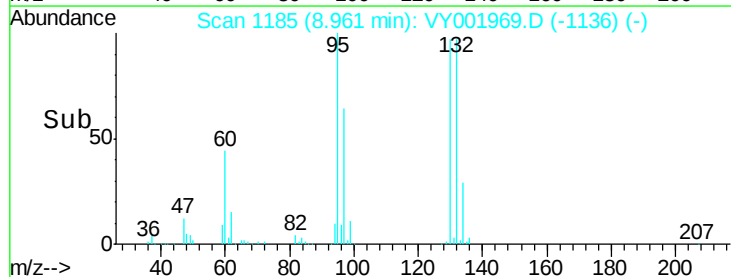
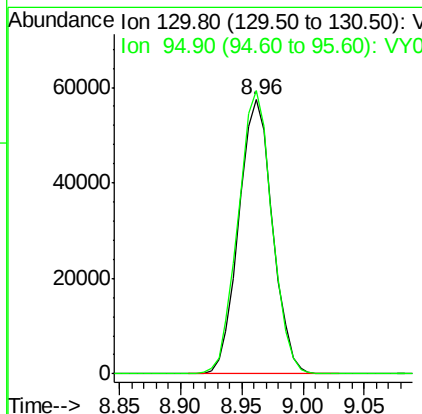
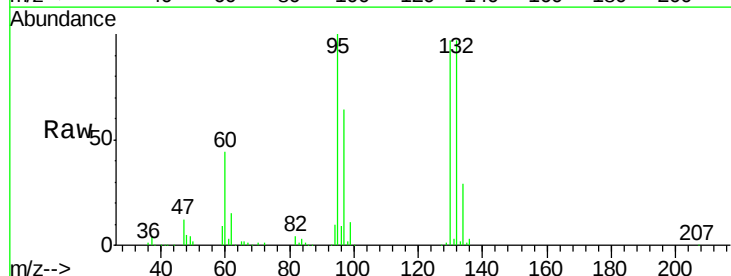
MMDadoda
 3/16/2020 11:42:34 AM

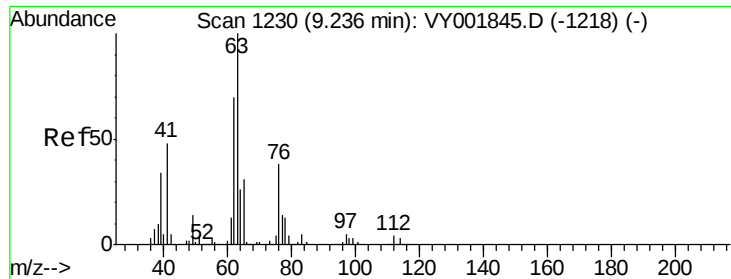


#44

Trichloroethene
 Concen: 47.588 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	204.6





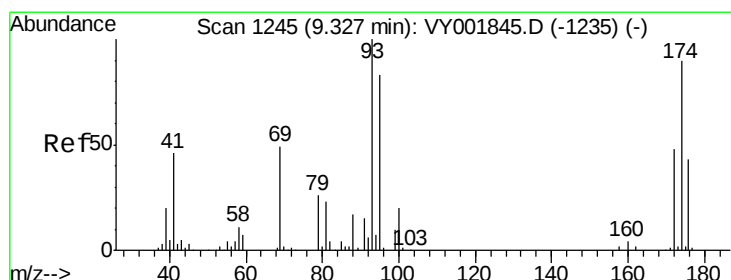
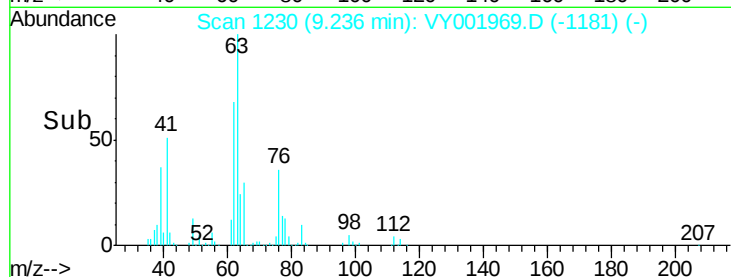
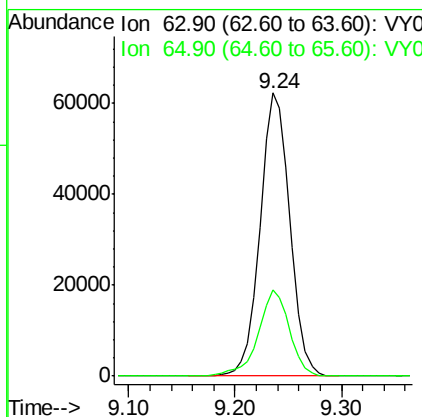
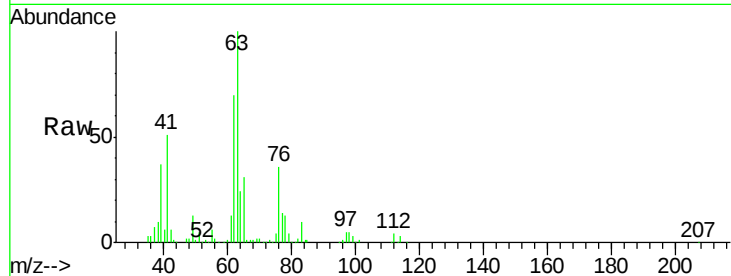
#45
 1,2-Dichloropropane
 Concen: 51.043 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.9	37.3

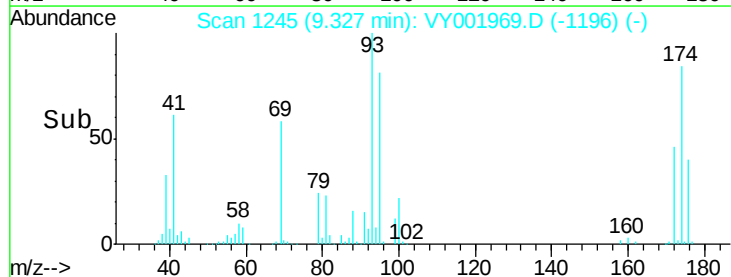
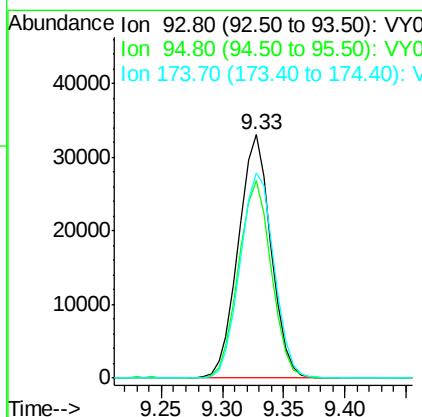
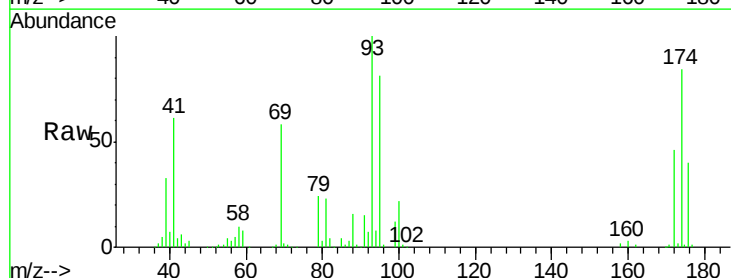
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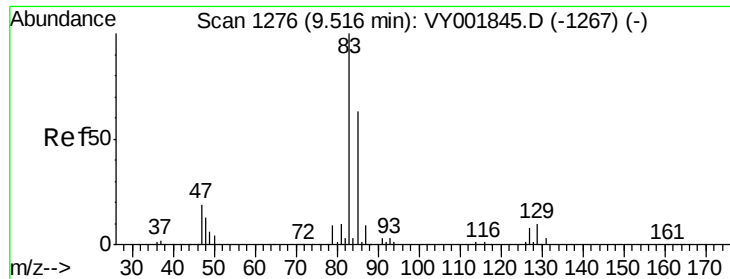
MMDadoda
 3/16/2020 11:42:34 AM



#46
 Dibromomethane
 Concen: 49.753 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	67.0	100.4
174	88.3	71.8	107.8





#47

Bromodichloromethane

Concen: 51.502 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

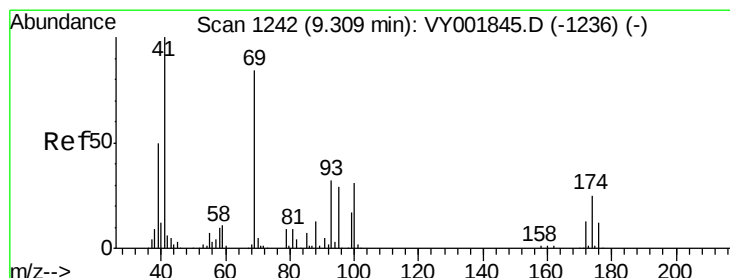
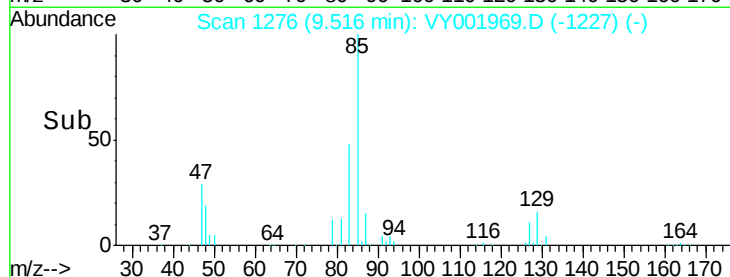
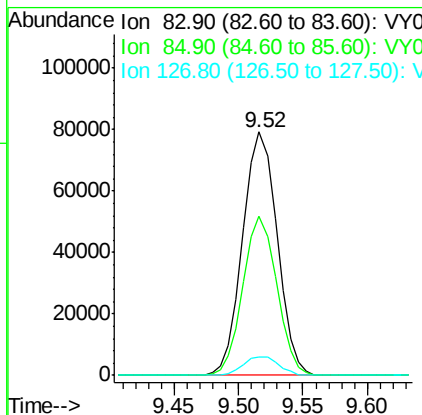
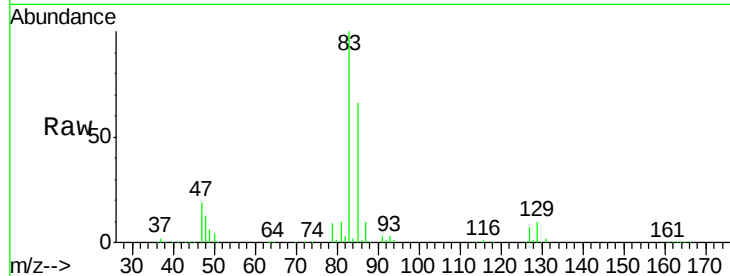
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	147444
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	76.0
127	7.3	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.599 ug/l

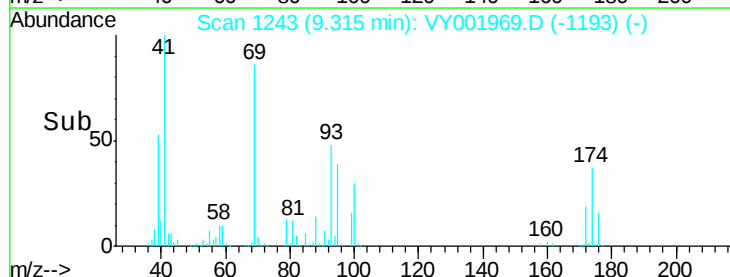
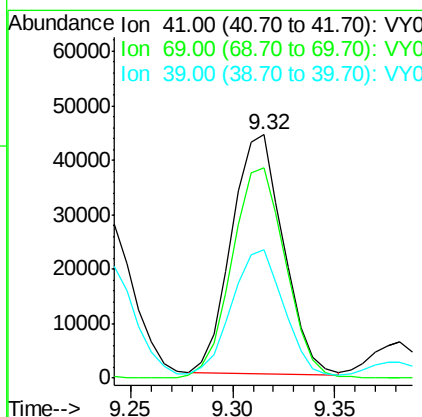
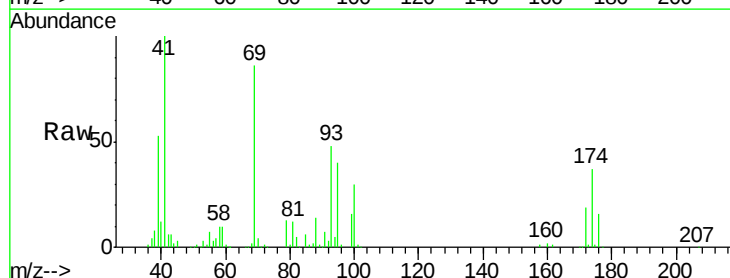
RT: 9.32 min Scan# 1243

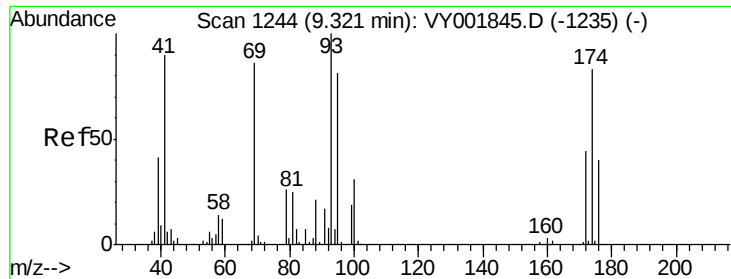
Delta R.T. 0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion:	41	Resp:	77623
Ion	Ratio	Lower	Upper
41	100		
69	91.0	69.0	103.6
39	55.3	39.1	58.7





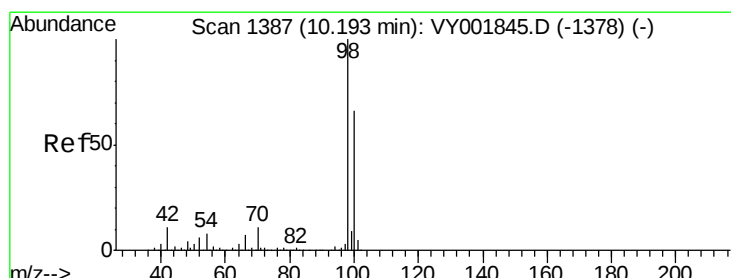
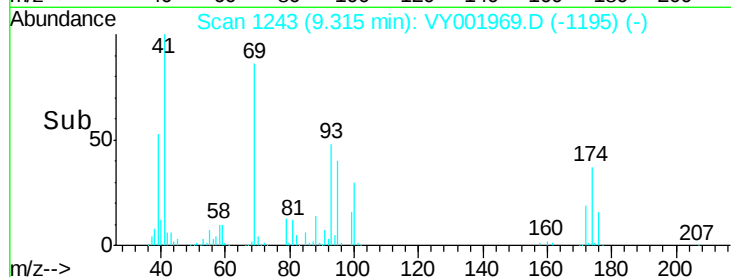
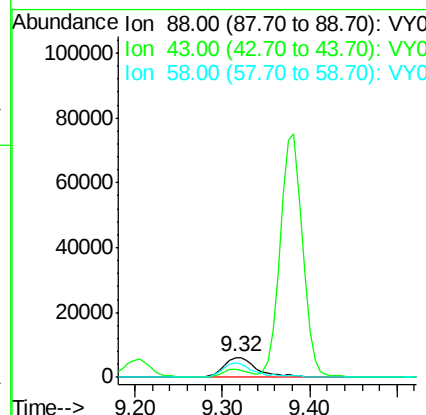
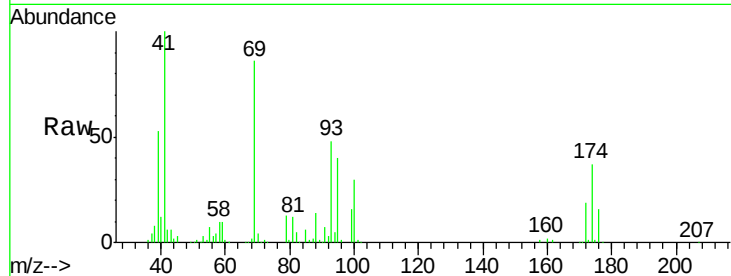
#49
1,4-Dioxane
Concen: 969.892 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.0	37.6
58	71.8	58.9	88.3

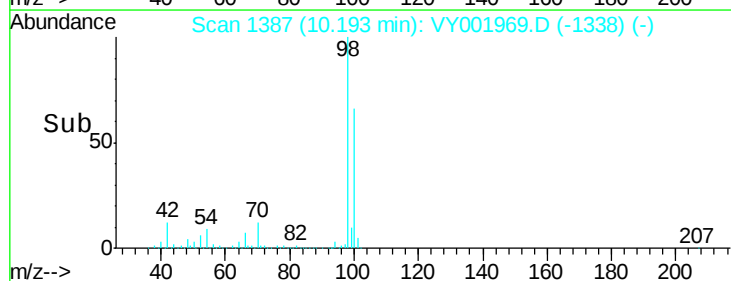
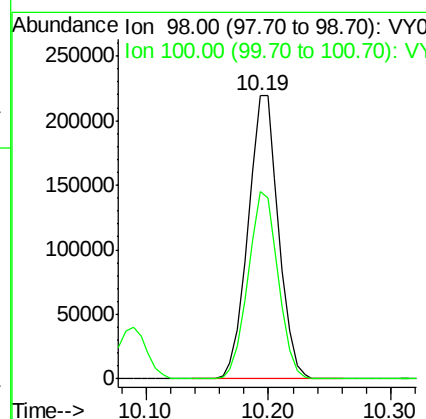
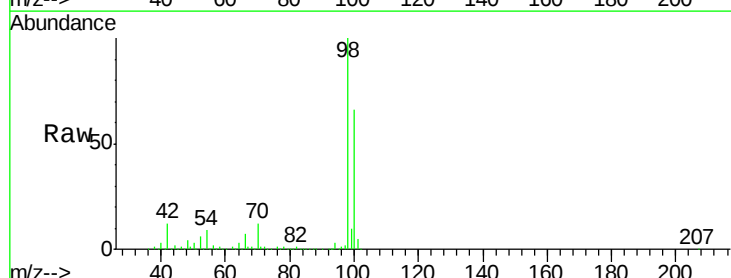
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#50
Toluene-d8
Concen: 49.292 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





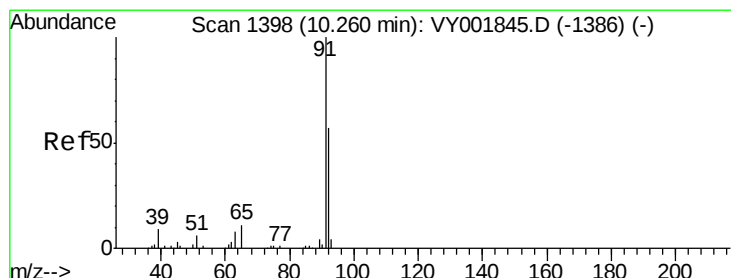
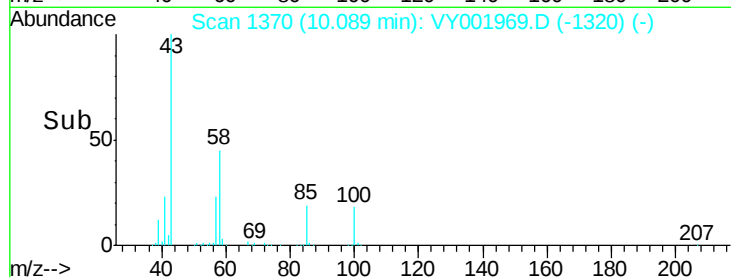
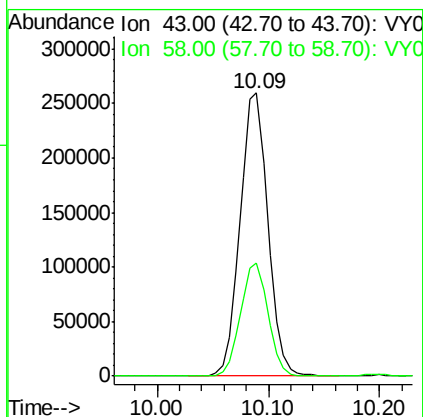
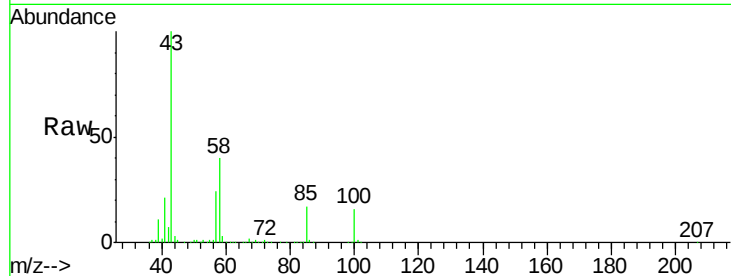
#51
4-Methyl-2-Pentanone
Concen: 247.534 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	449681
Ion Ratio	100	Lower	Upper
58	39.5	32.0	48.0

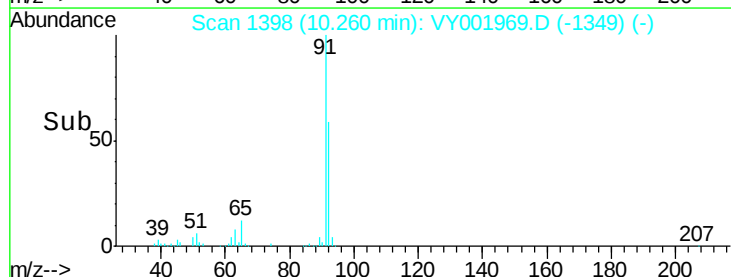
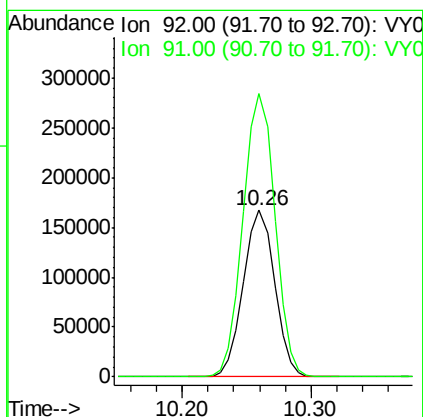
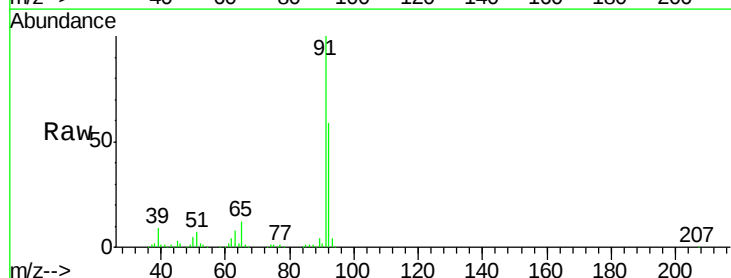
Manual Integrations
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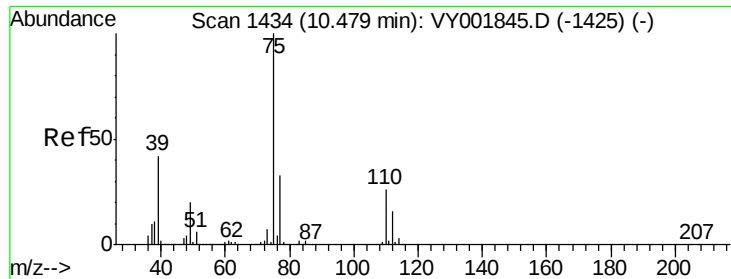
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#52
Toluene
Concen: 49.160 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	92	Resp	283716
Ion Ratio	100	Lower	Upper
91	172.1	138.6	208.0





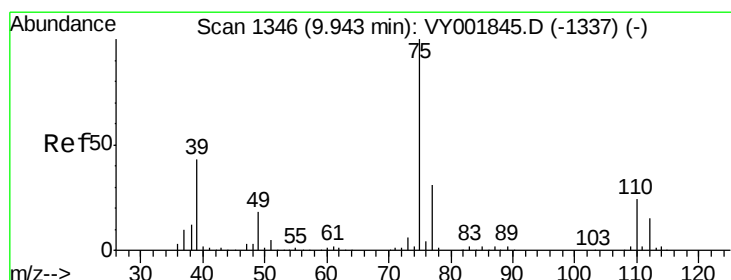
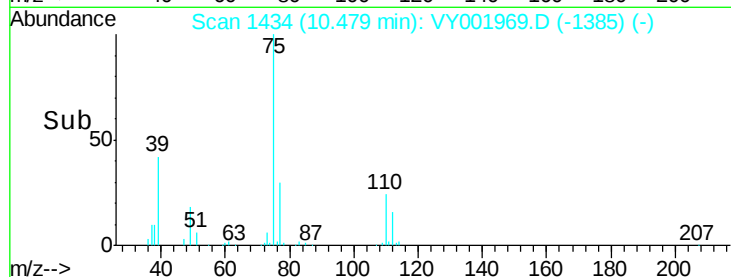
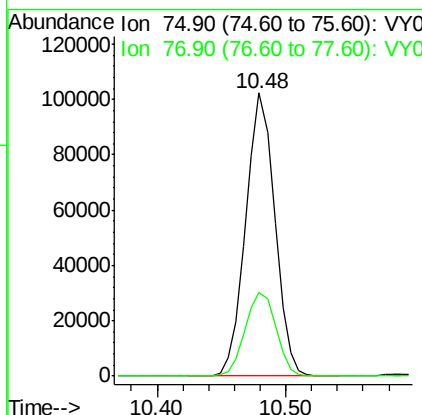
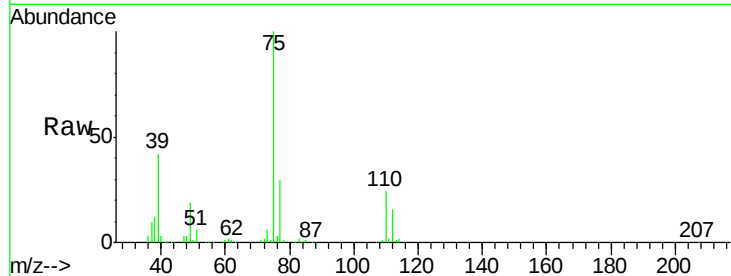
#53
 t-1,3-Dichloropropene
 Concen: 51.205 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 159710
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.3 39.5

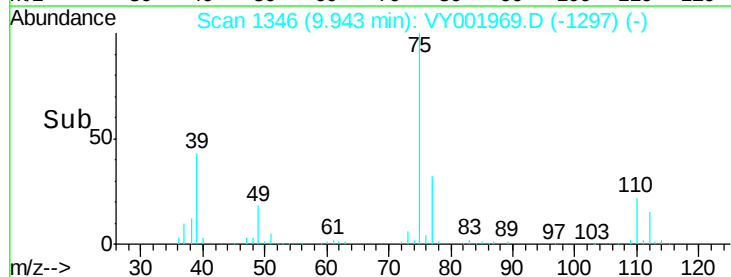
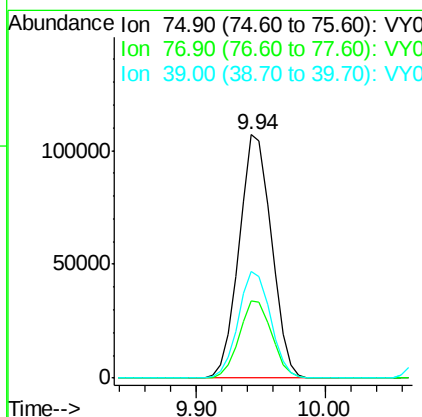
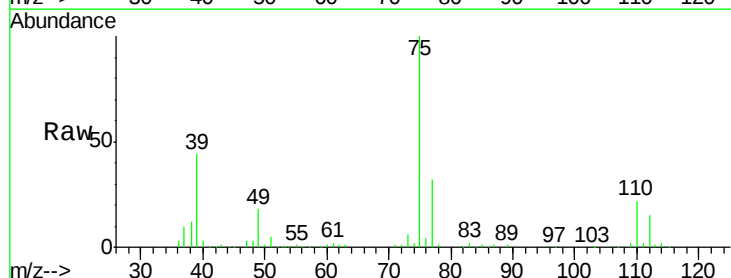
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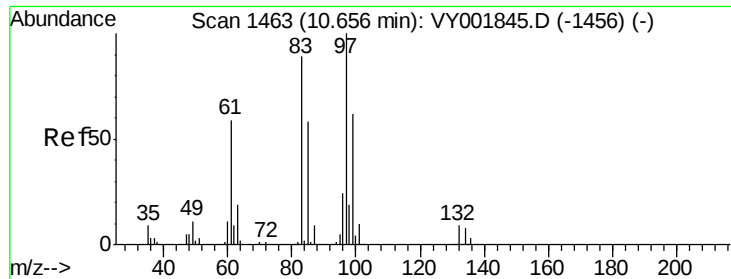
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#54
 cis-1,3-Dichloropropene
 Concen: 50.256 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion: 75 Resp: 186605
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 43.8 34.7 52.1





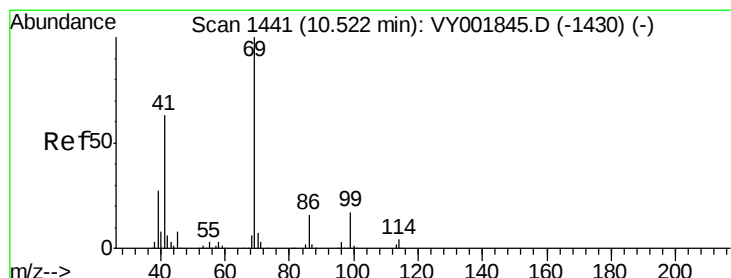
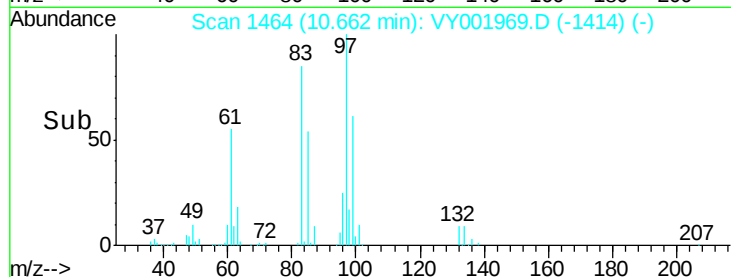
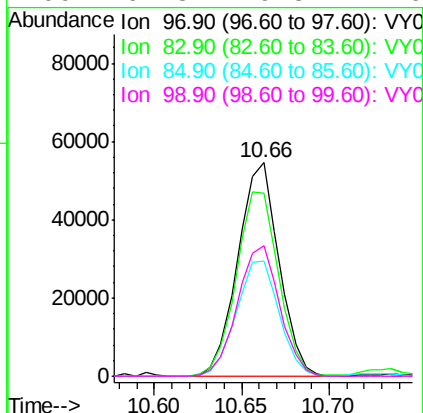
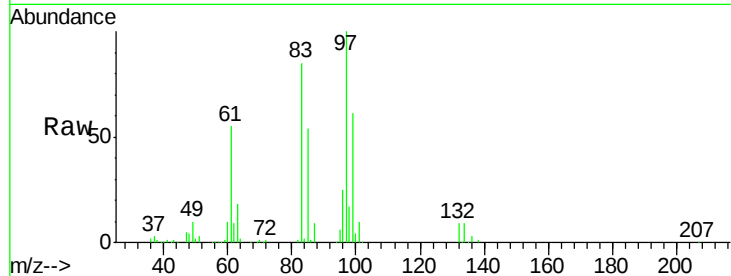
#55
 1,1,2-Trichloroethane
 Concen: 49.551 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.6	107.4
85	54.1	46.6	69.8
99	61.3	49.8	74.6

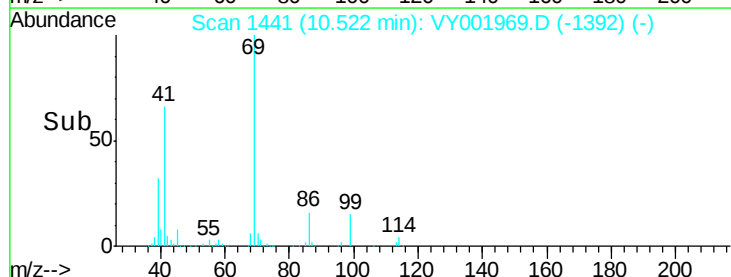
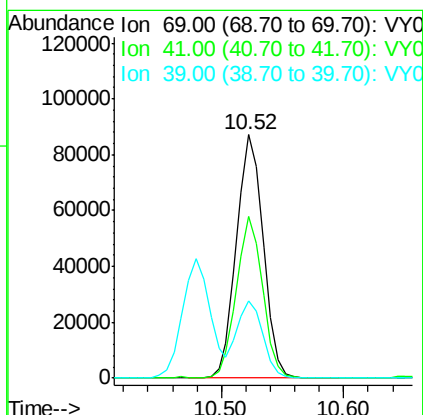
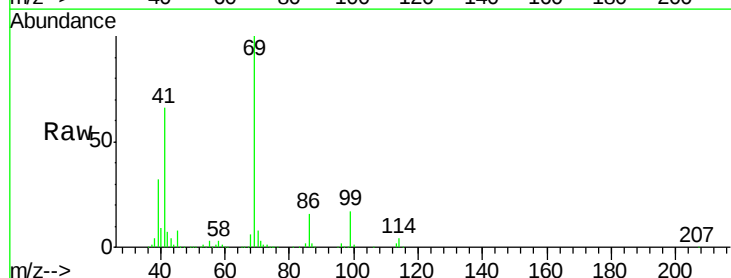
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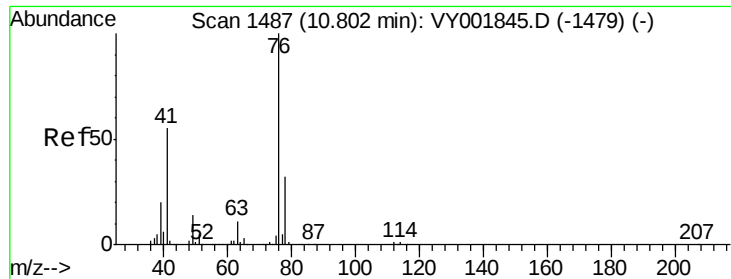
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#56
 Ethyl methacrylate
 Concen: 50.162 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.5	49.9	74.9
39	30.6	23.0	34.6





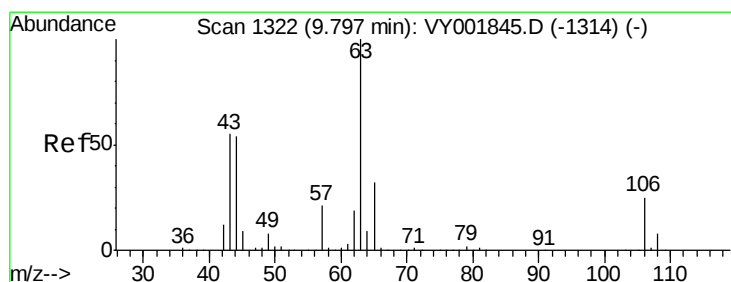
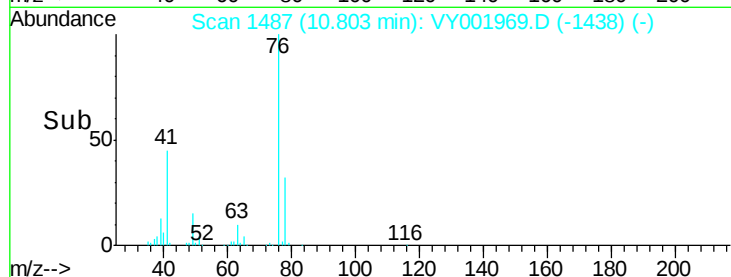
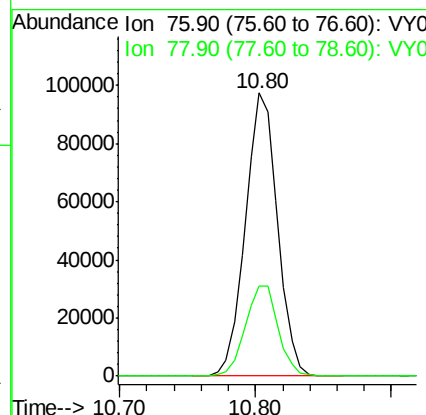
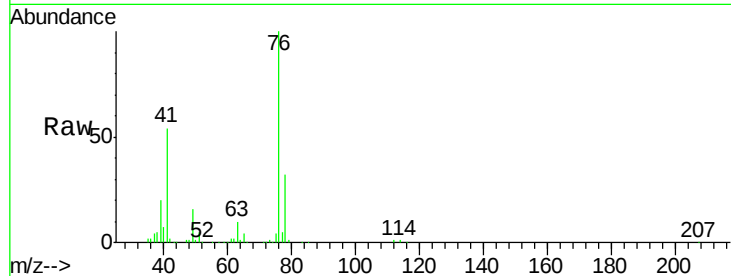
#57
 1,3-Dichloropropane
 Concen: 49.944 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 160349
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

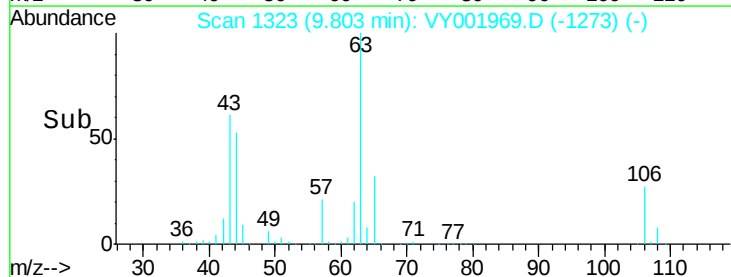
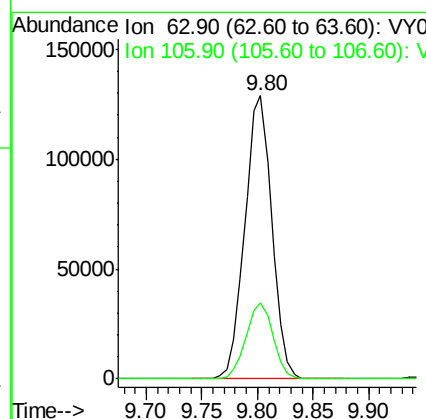
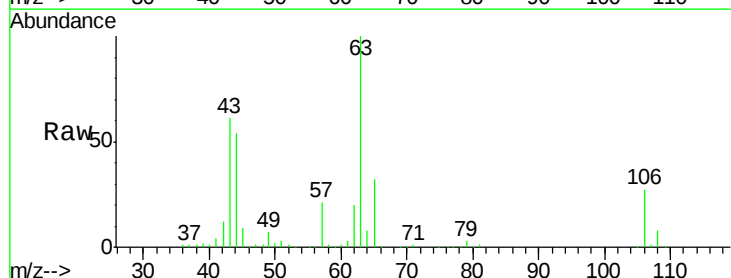
Manual Integrations
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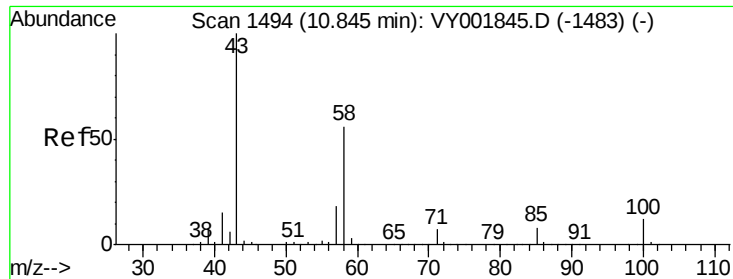
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#58
 2-Chloroethyl Vinyl ether
 Concen: 232.462 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion: 63 Resp: 216618
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.3 31.9





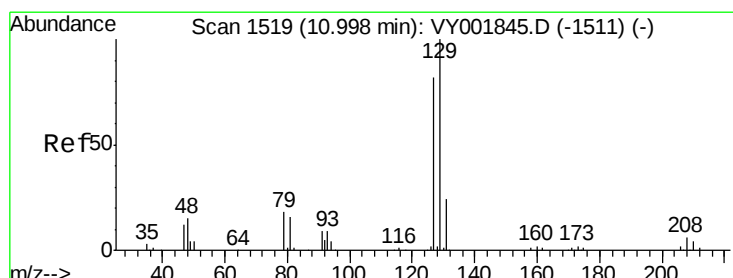
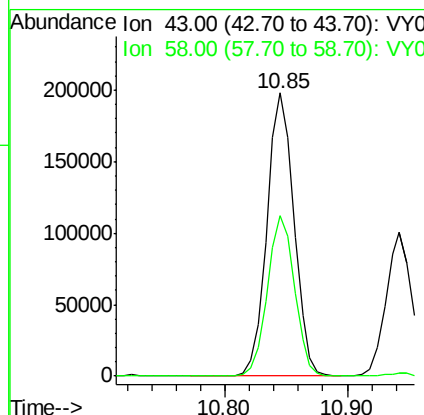
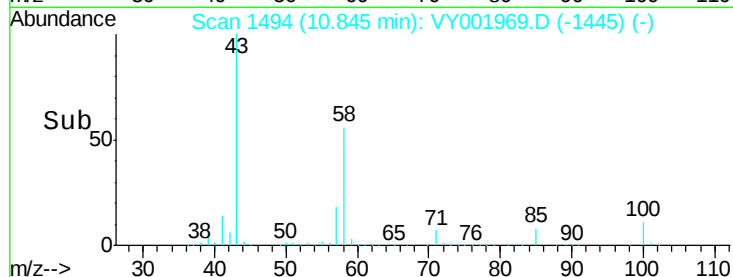
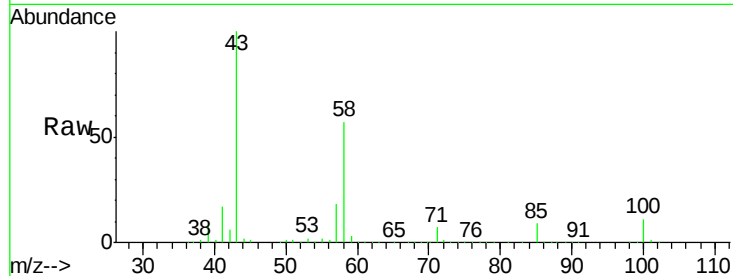
#59
2-Hexanone
Concen: 235.013 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 304726
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3

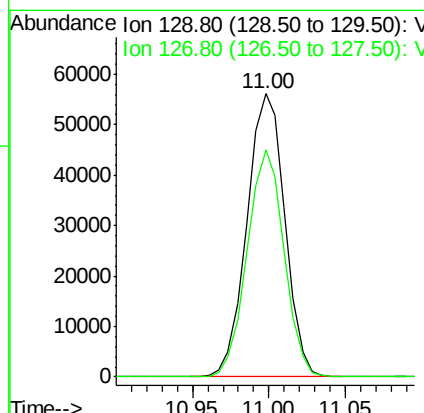
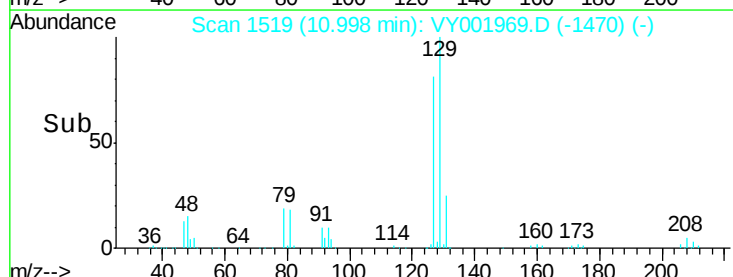
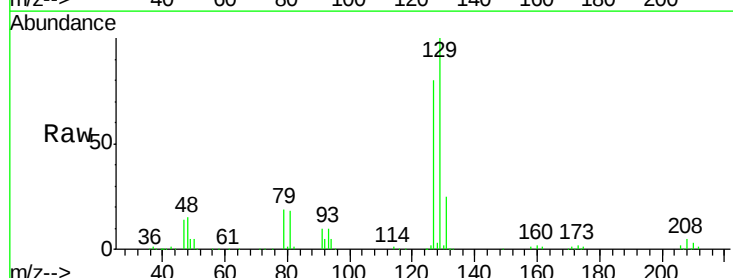
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#60
Dibromochloromethane
Concen: 50.818 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion:129 Resp: 96448
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





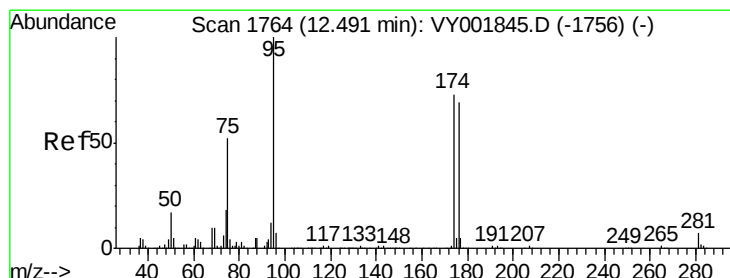
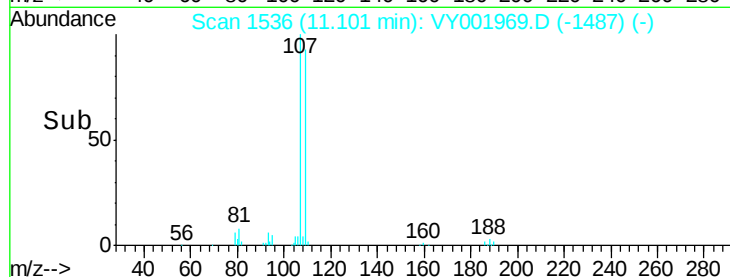
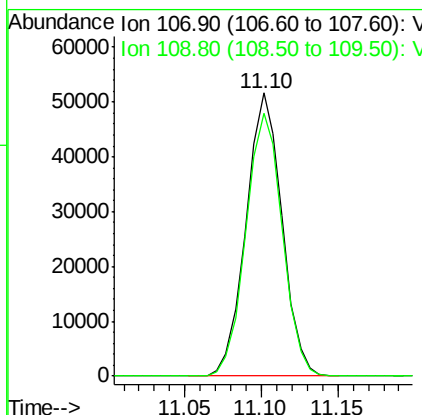
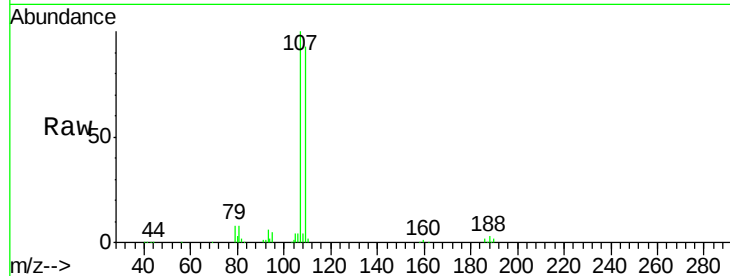
#61
 1,2-Dibromoethane
 Concen: 49.417 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 84311
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0

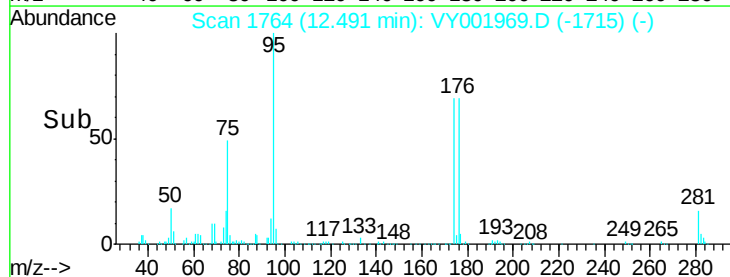
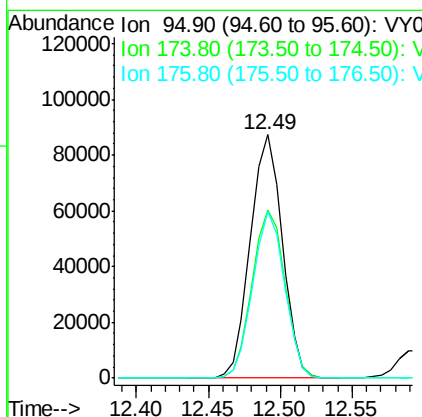
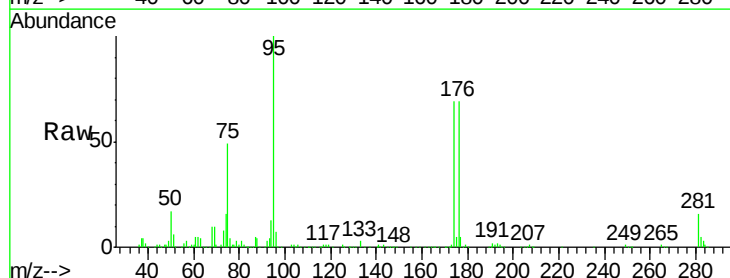
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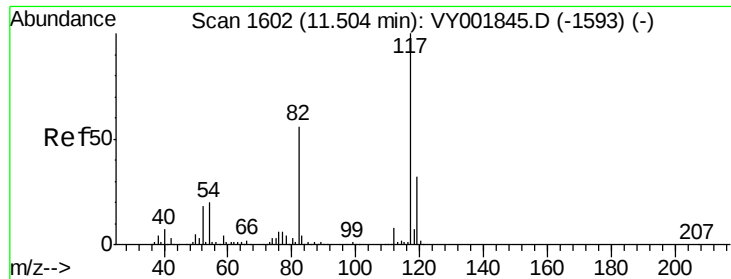
MMDadoda
 3/16/2020 11:42:34 AM



#62
 4-Bromofluorobenzene
 Concen: 50.268 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion: 95 Resp: 134053
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 145.0
 176 68.1 0.0 137.4





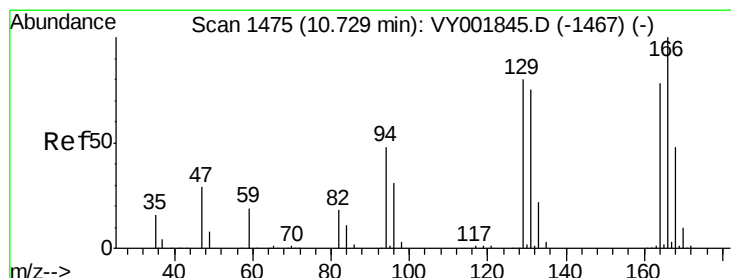
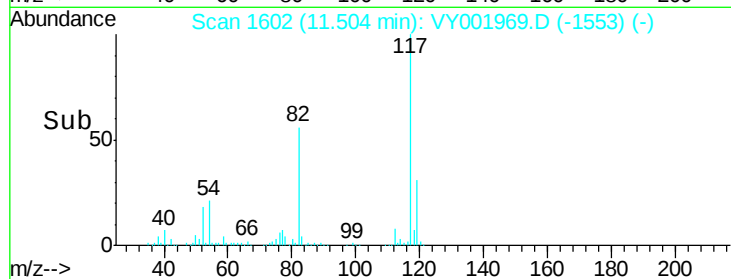
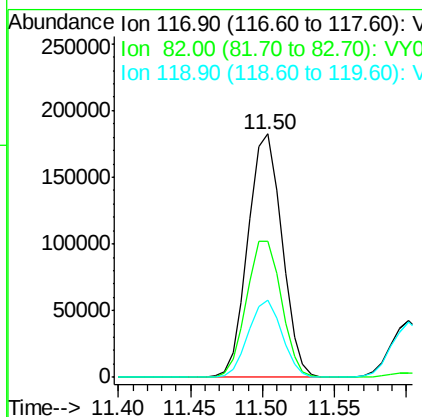
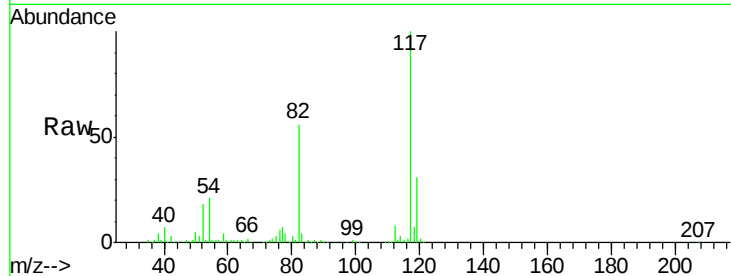
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298586		
82	55.8		44.5	66.7
119	31.5		25.7	38.5

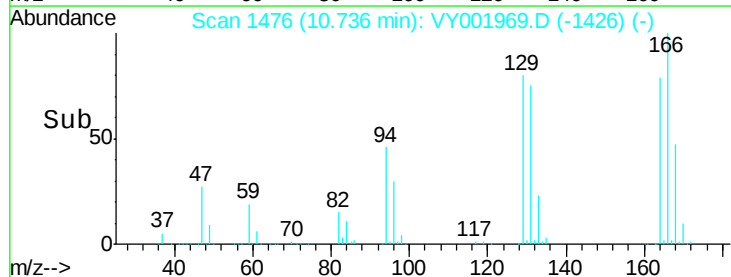
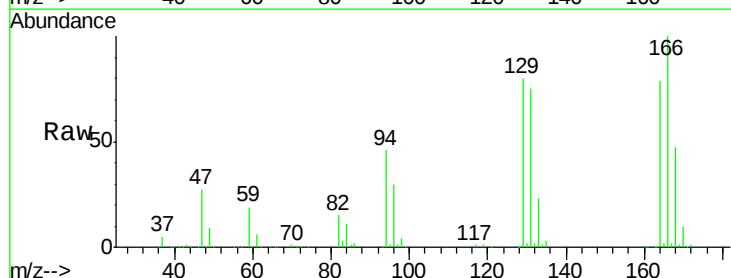
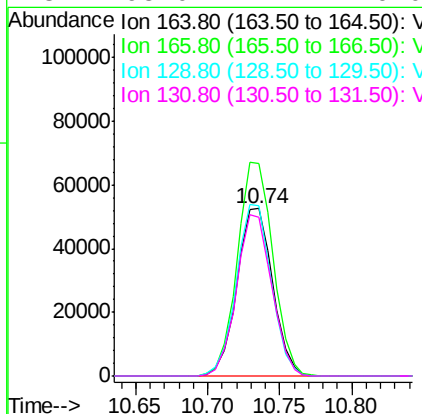
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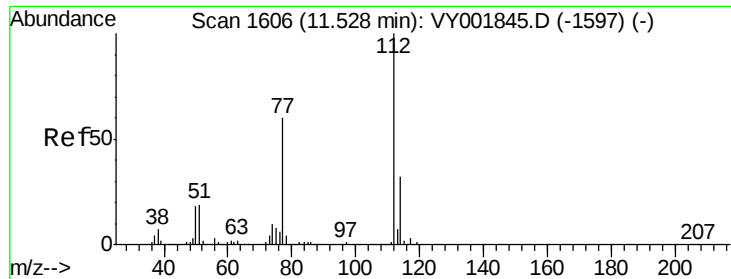
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#64
Tetrachloroethene
Concen: 48.110 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90085		
166	126.8		102.6	154.0
129	101.7		82.3	123.5
131	95.0		77.4	116.0





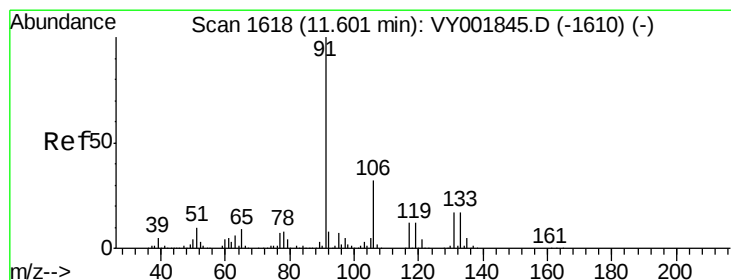
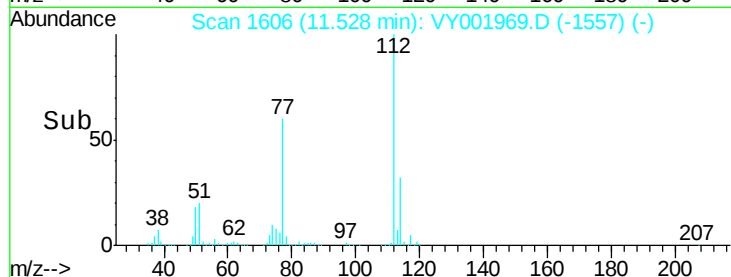
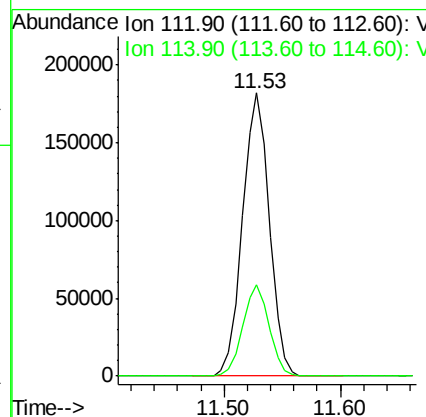
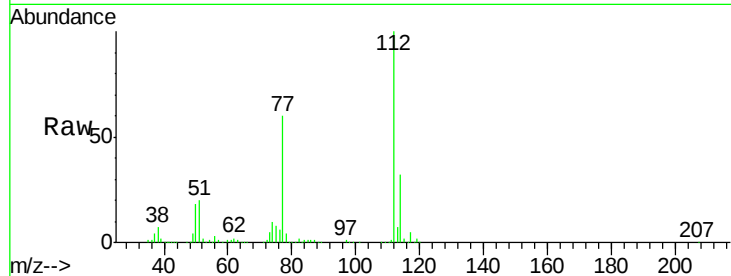
#65
Chlorobenzene
Concen: 49.077 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 291983
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

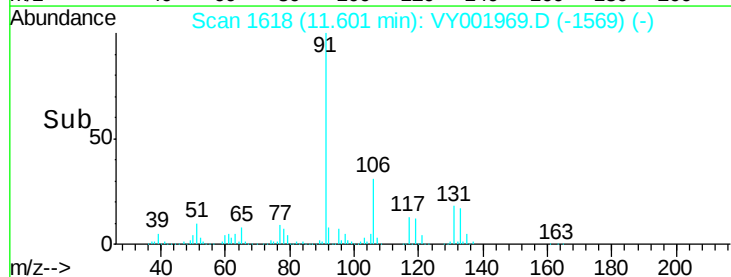
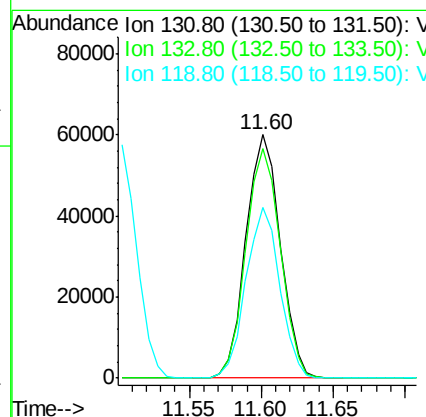
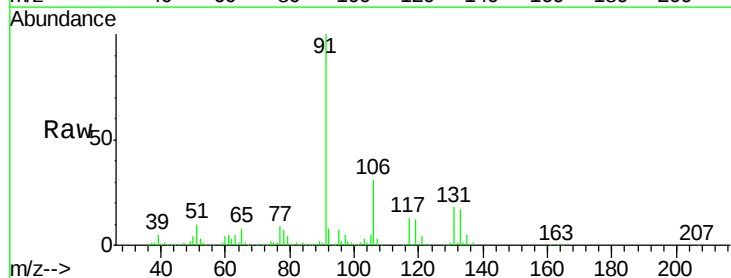
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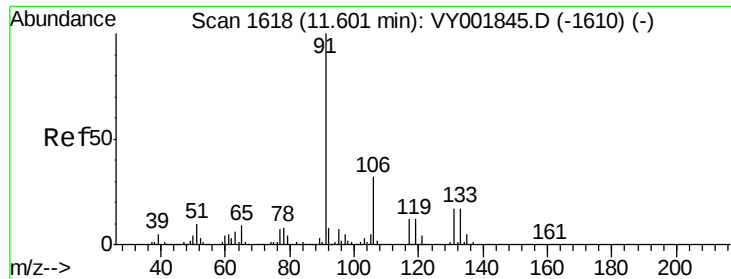
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.890 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion:131 Resp: 99288
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 68.9 34.5 103.6





#67

Ethyl Benzene

Concen: 49.257 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 546543

Ion Ratio Lower Upper

91 100

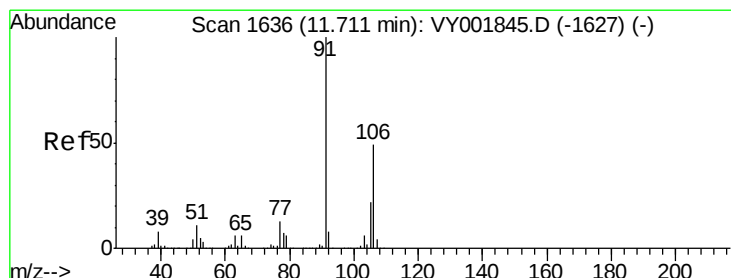
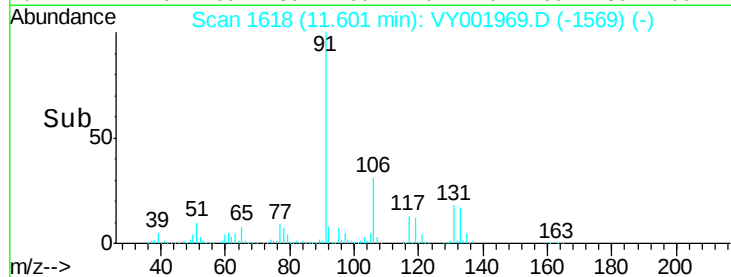
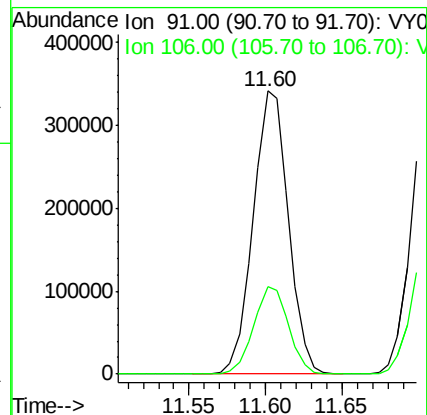
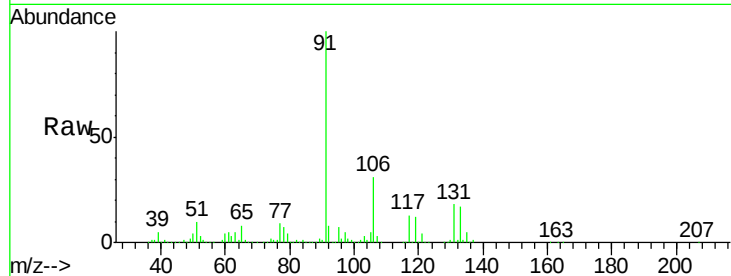
106 31.2 25.4 38.2

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#68

m/p-Xylenes

Concen: 96.632 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001969.D

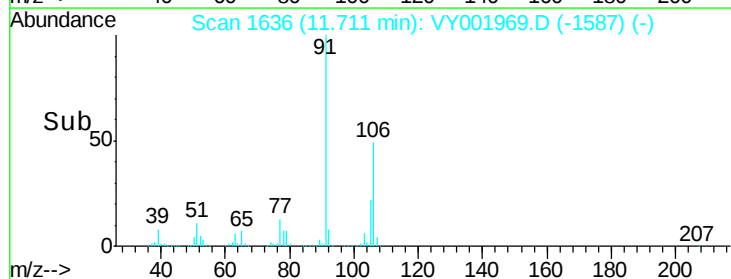
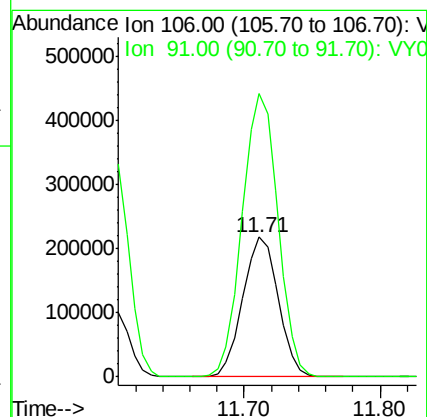
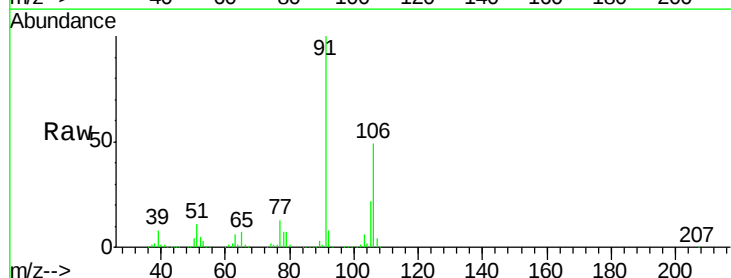
Acq: 12 Mar 2020 20:54

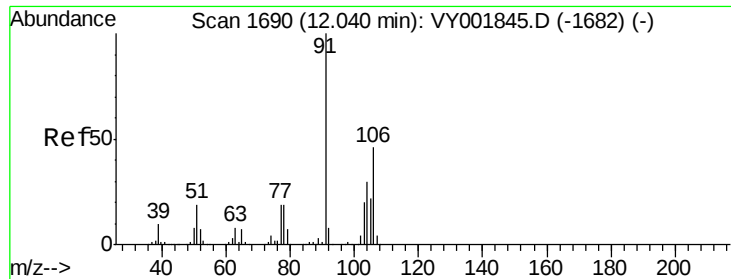
Tgt Ion: 106 Resp: 396401

Ion Ratio Lower Upper

106 100

91 204.4 161.3 241.9





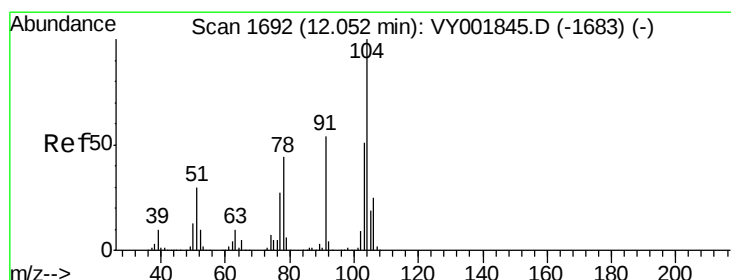
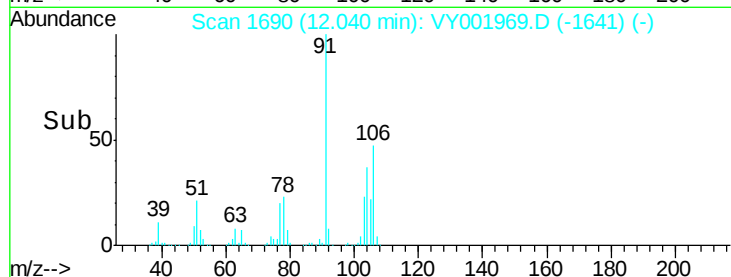
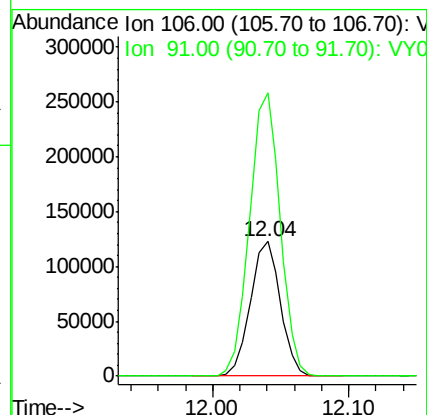
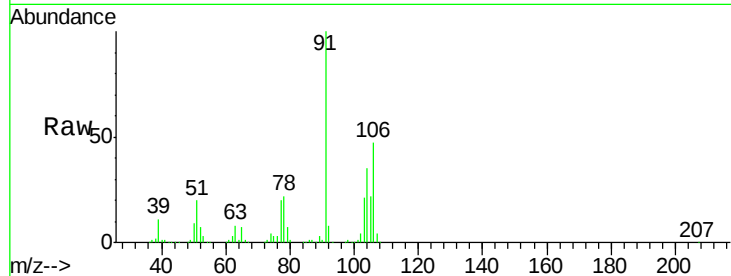
#69
o-Xylene
Concen: 49.234 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		190360		
91	214.5	106.8	320.4		

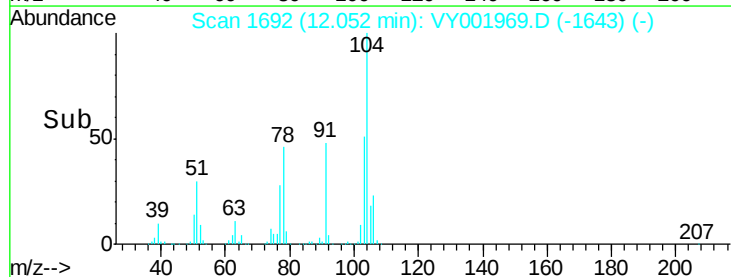
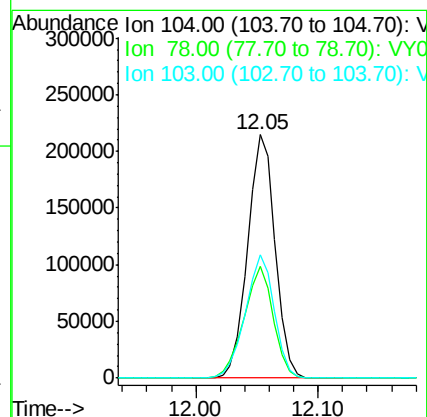
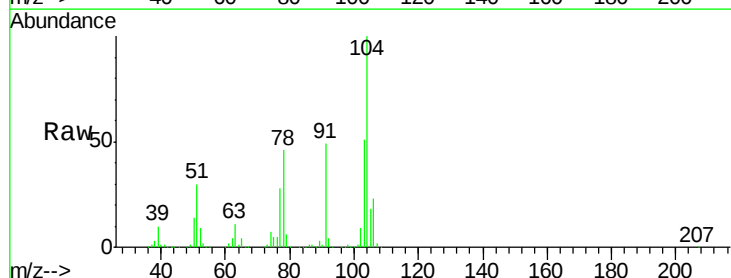
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#70
Styrene
Concen: 50.463 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		334171		
78	48.8	38.5	57.7		
103	53.3	42.9	64.3		





#71

Bromoform

Concen: 51.013 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 53975

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.8

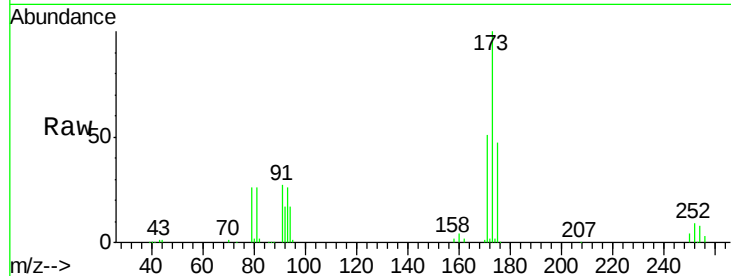
254 0.0 0.0 0.0

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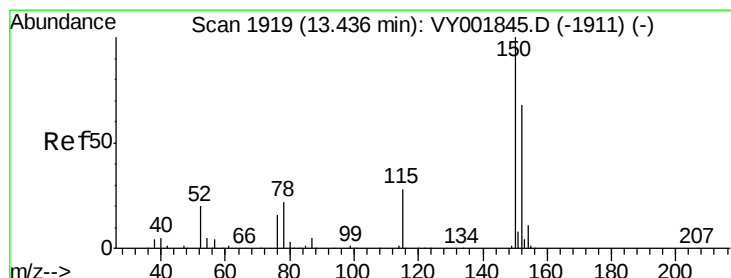
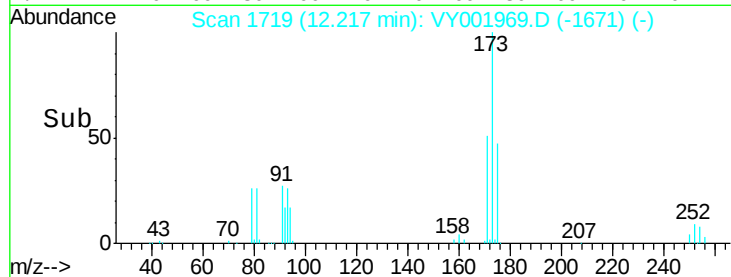
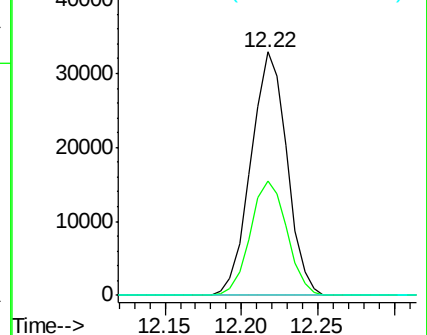
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

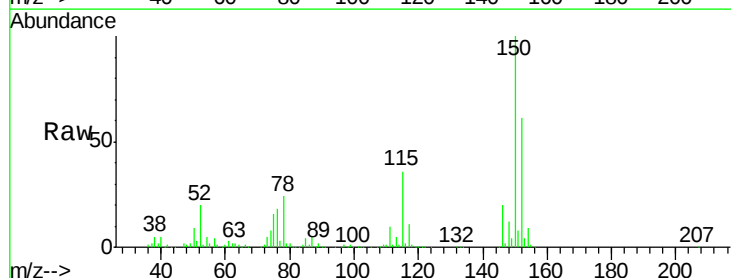
Tgt Ion:152 Resp: 136327

Ion Ratio Lower Upper

152 100

115 60.6 29.9 89.7

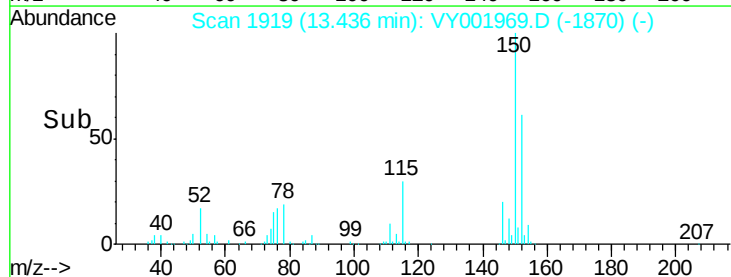
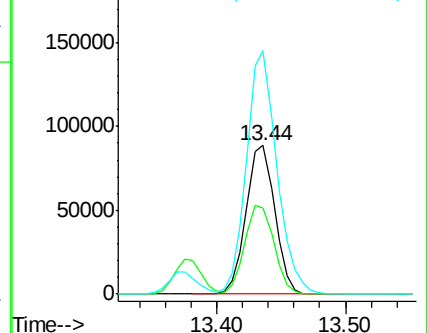
150 173.0 0.0 340.6



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: 48.846 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 508335

Ion Ratio Lower Upper

105 100

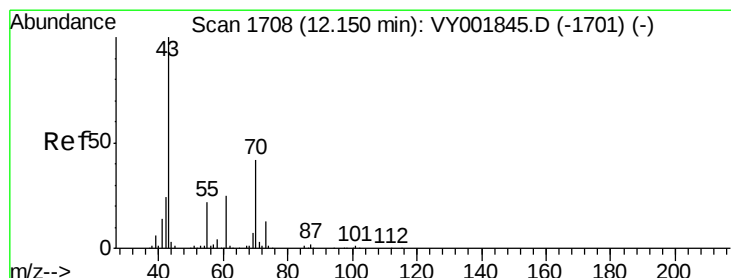
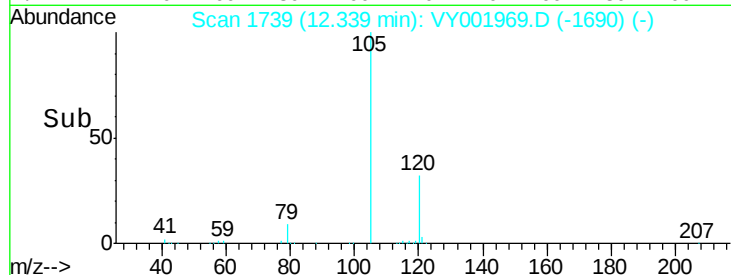
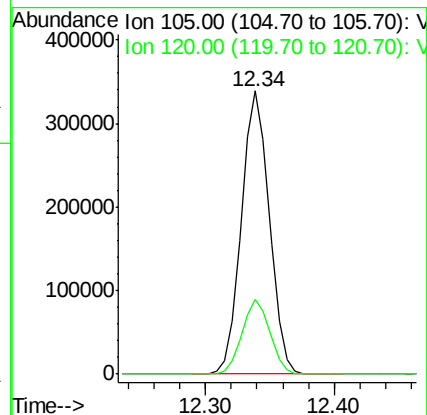
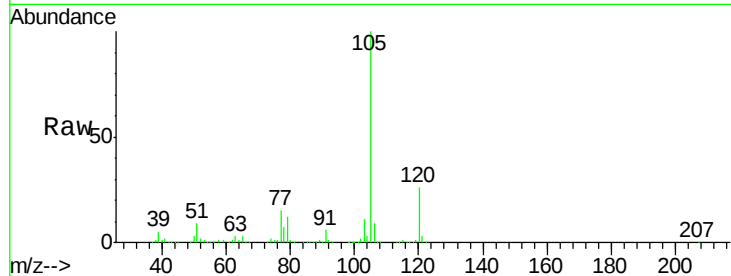
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 49.582 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion: 43 Resp: 158585

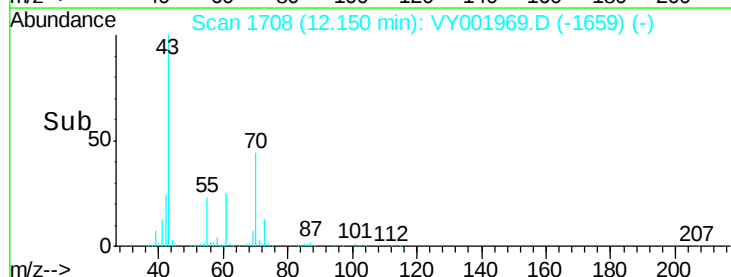
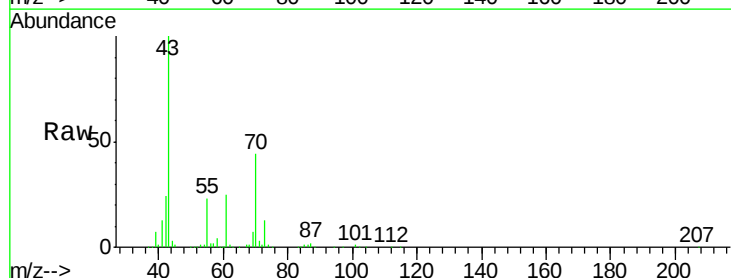
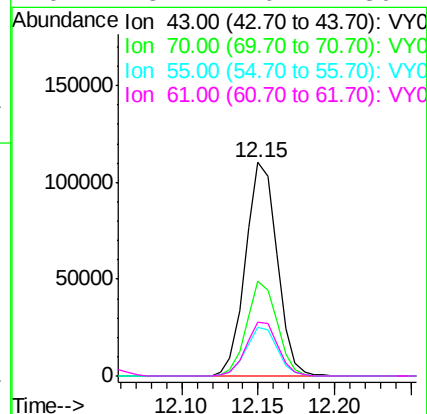
Ion Ratio Lower Upper

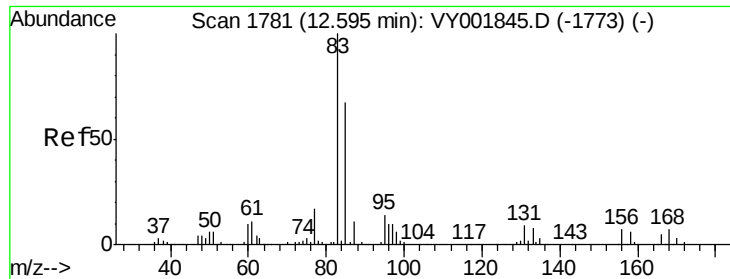
43 100

70 42.9 34.7 52.1

55 22.6 18.2 27.4

61 25.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.571 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

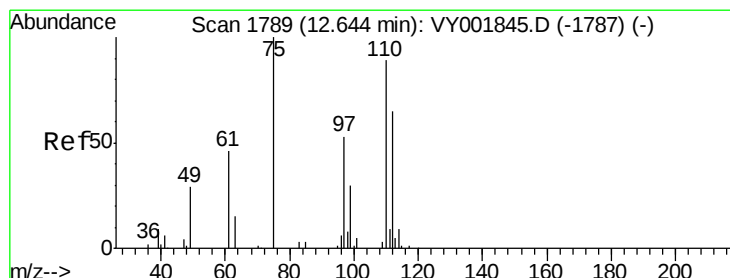
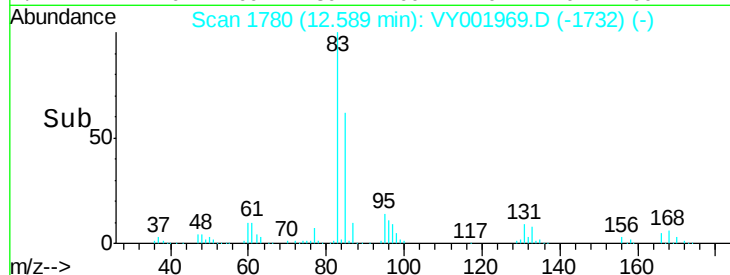
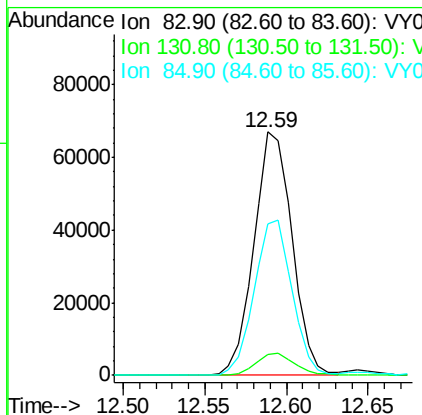
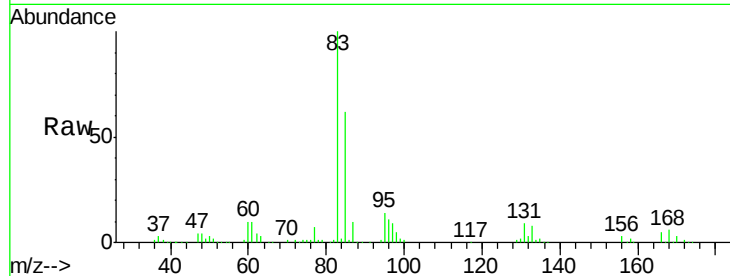
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	109004
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	63.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 43.991 ug/l m

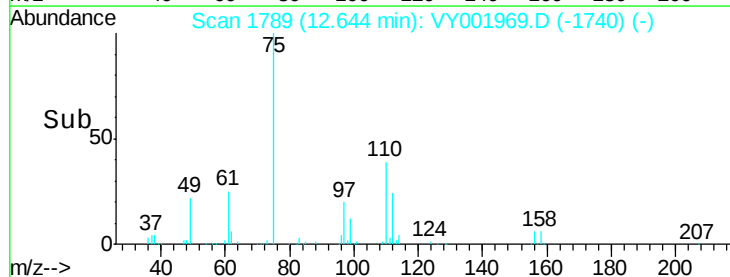
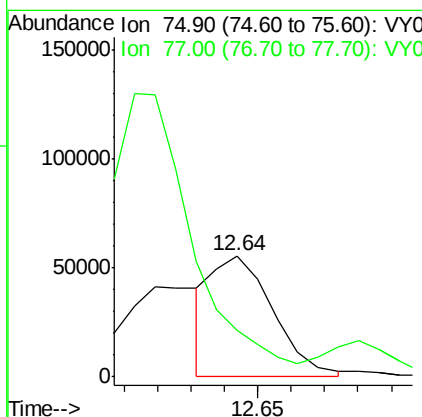
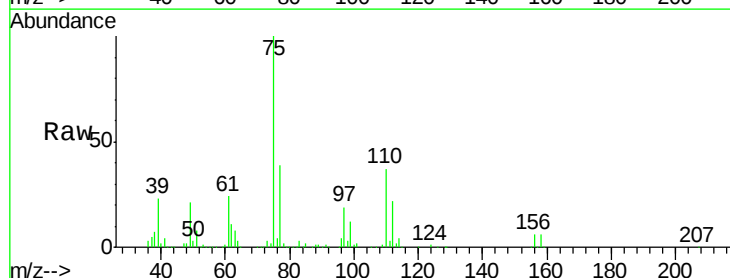
RT: 12.64 min Scan# 1789

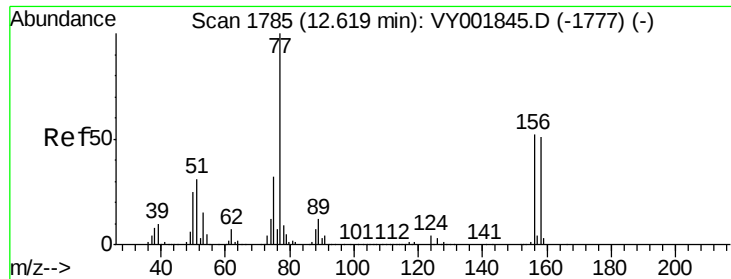
Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion:	75	Resp:	71161
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.436 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

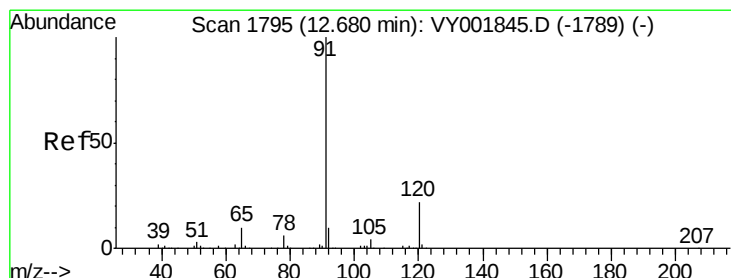
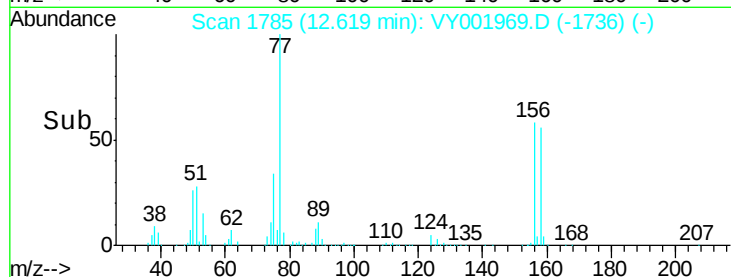
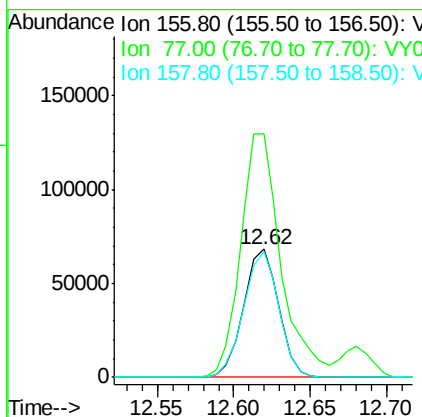
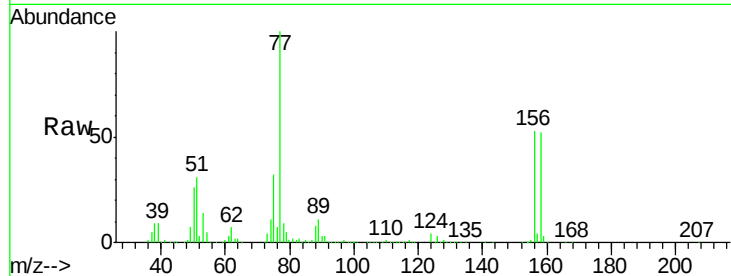
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	217.6	109.0	327.0	
158	97.7	48.9	146.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 48.388 ug/l

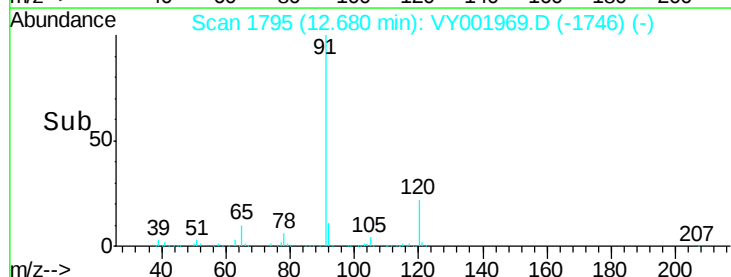
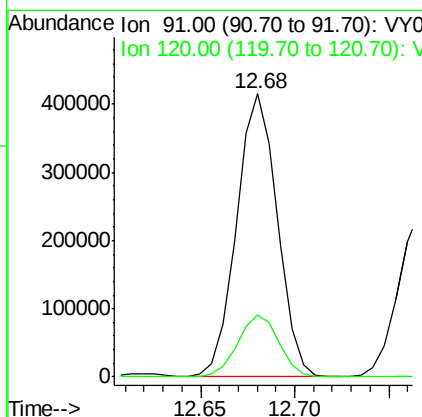
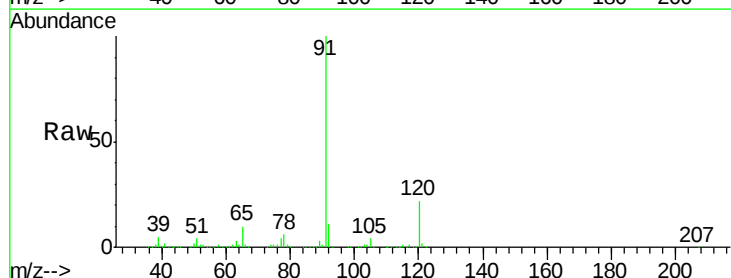
RT: 12.68 min Scan# 1795

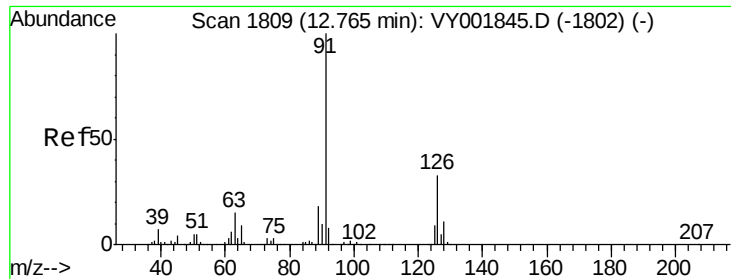
Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.0	33.0	





#79

2-Chlorotoluene

Concen: 49.765 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 352998

Ion Ratio Lower Upper

91 100

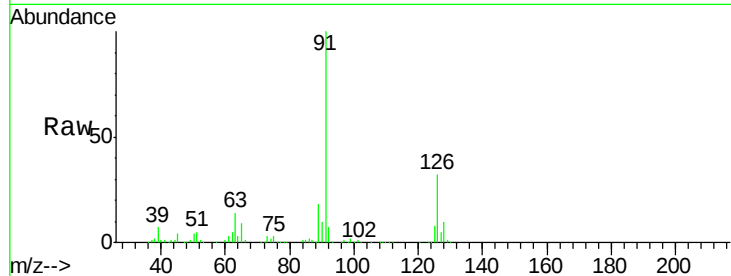
126 32.6 16.3 48.8

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

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

400000

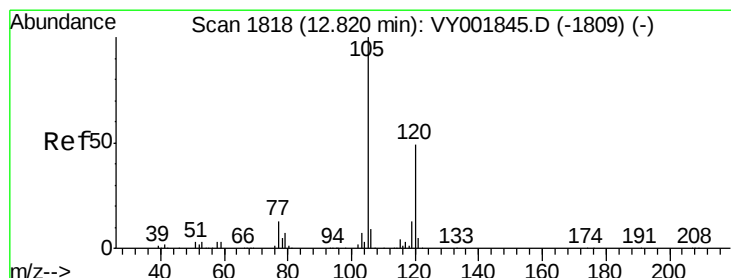
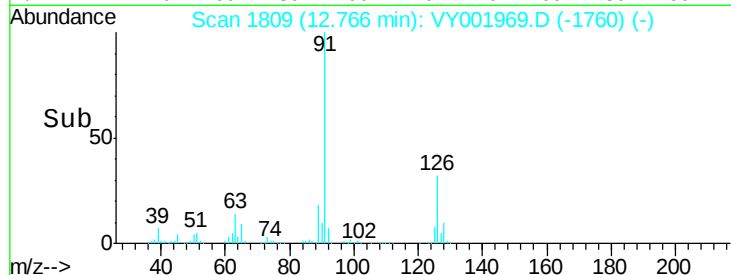
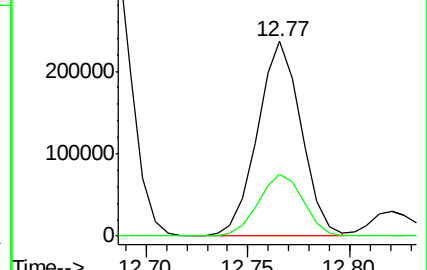
300000

200000

100000

0

12.70 12.75 12.80



#80

1,3,5-Trimethylbenzene

Concen: 49.249 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001969.D

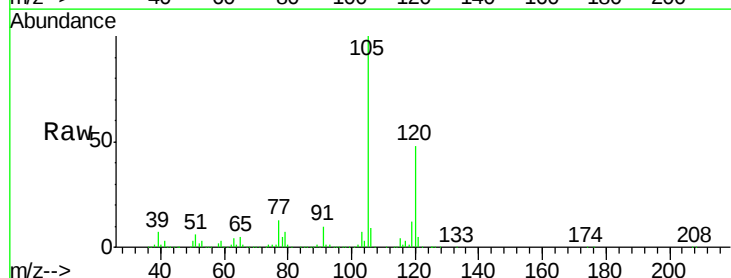
Acq: 12 Mar 2020 20:54

Tgt Ion: 105 Resp: 421934

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2



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

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

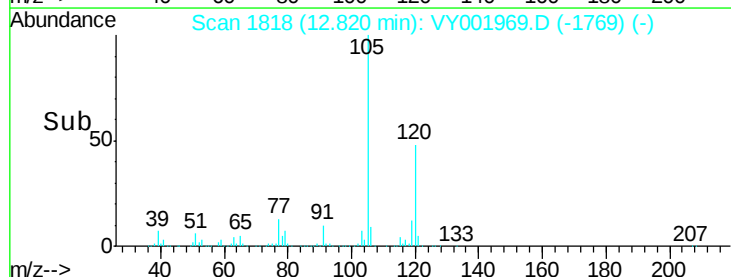
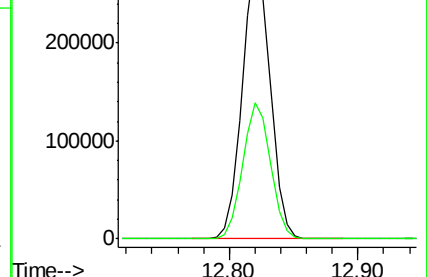
300000

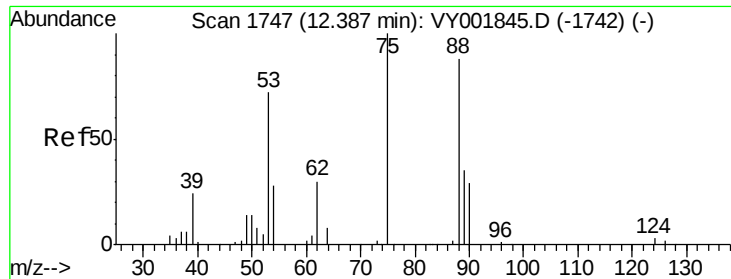
200000

100000

0

12.80 12.82 12.84





#81

trans-1,4-Dichloro-2-butene

Concen: 48.210 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Instrument :

MSVOA_Y

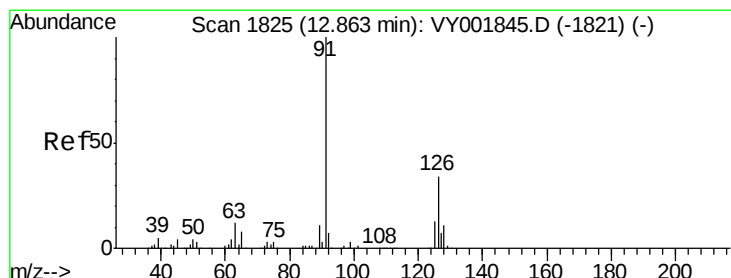
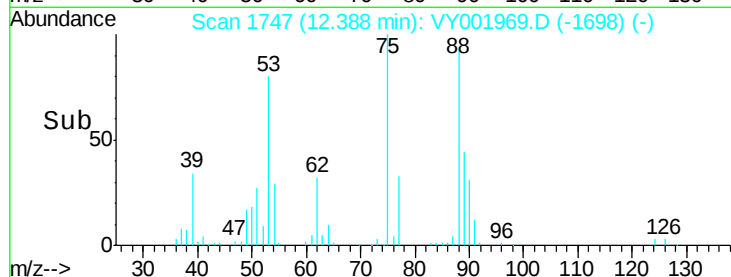
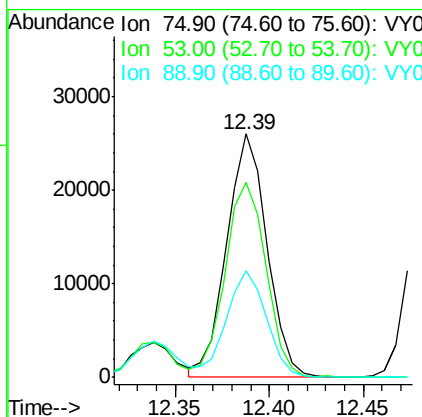
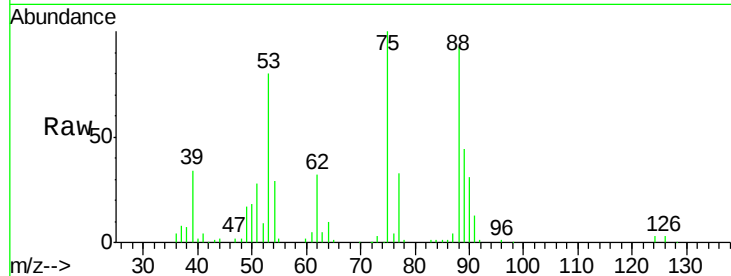
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	38607
Ion Ratio	Lower	Upper	
75	100		
53	81.8	65.4	98.0
89	43.9	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.728 ug/l

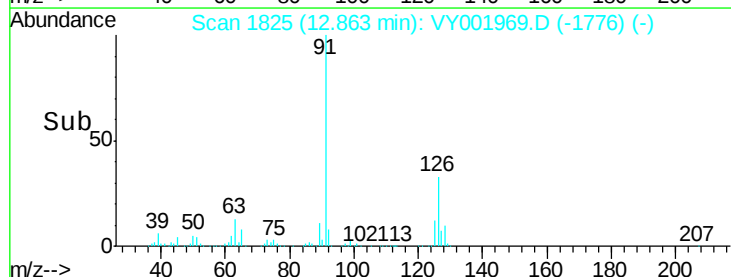
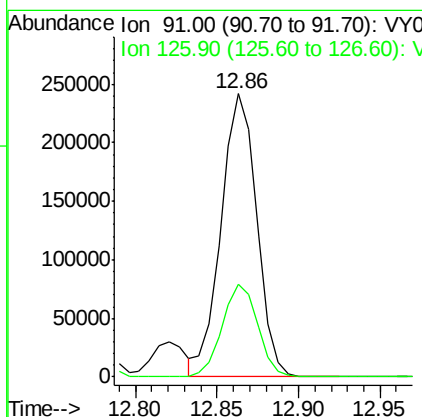
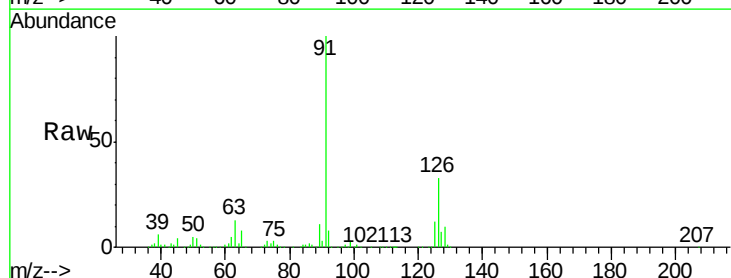
RT: 12.86 min Scan# 1825

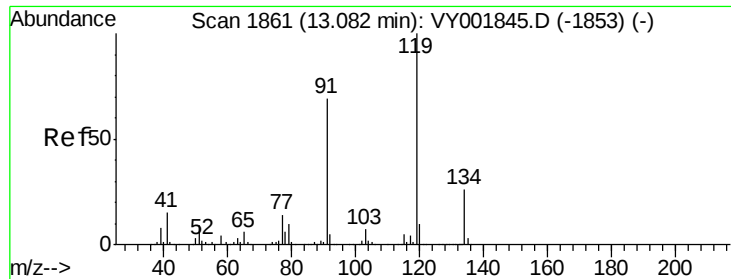
Delta R.T. 0.00 min

Lab File: VY001969.D

Acq: 12 Mar 2020 20:54

Tgt Ion:	91	Resp:	367268
Ion Ratio	Lower	Upper	
91	100		
126	32.5	16.4	49.2





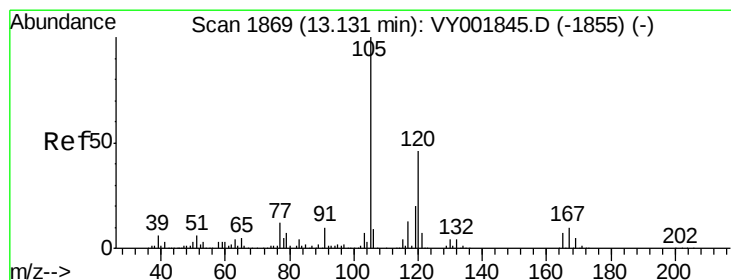
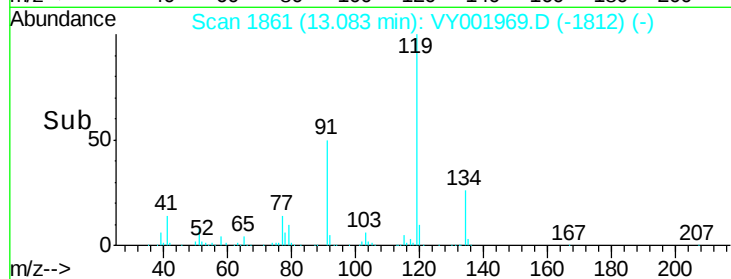
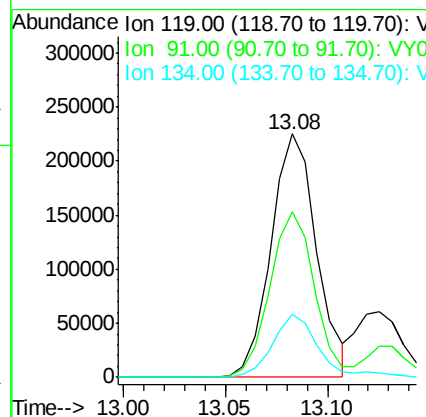
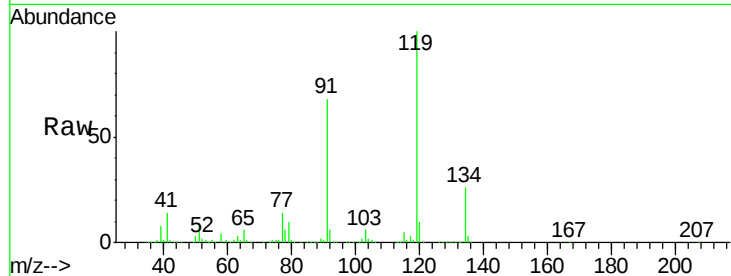
#83
 tert-Butylbenzene
 Concen: 49.349 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	34.0	101.8
134	26.2	13.5	40.4

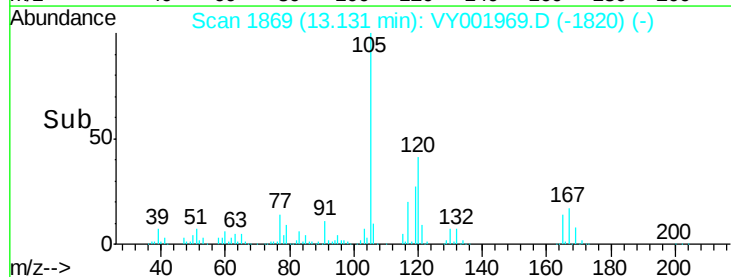
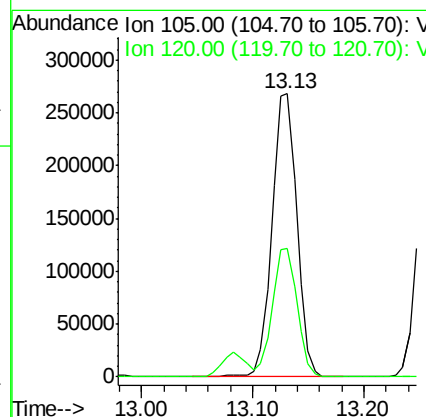
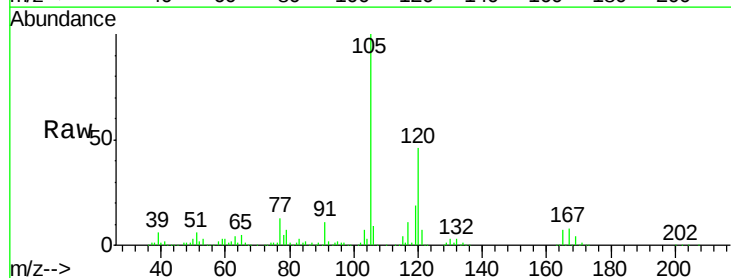
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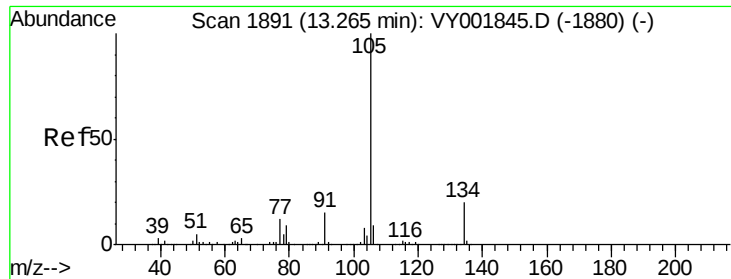
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.224 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





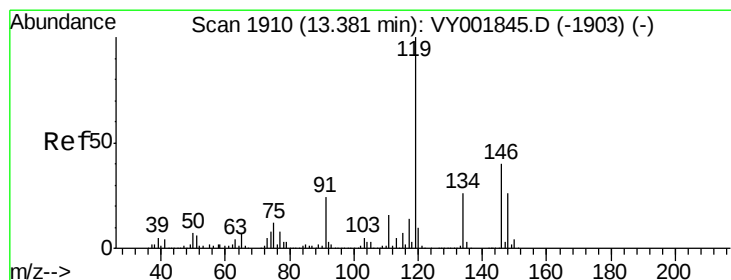
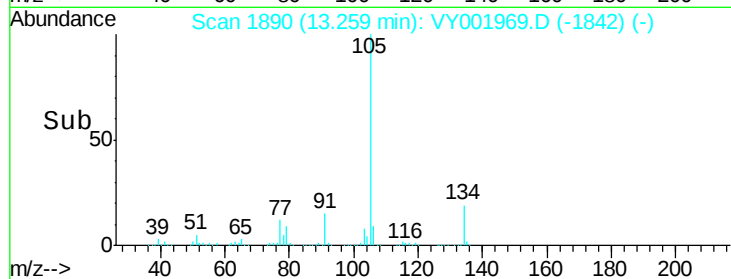
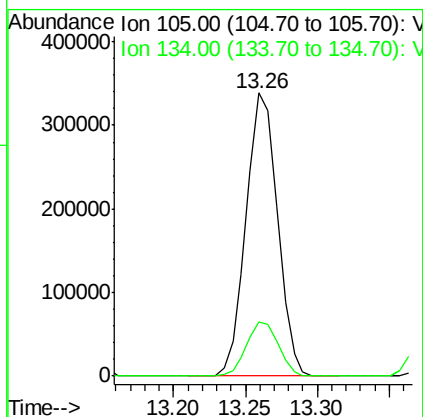
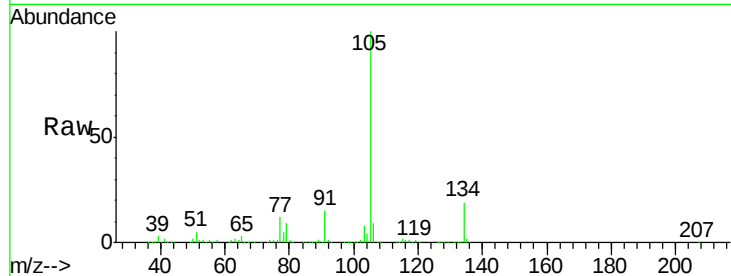
#85
 sec-Butylbenzene
 Concen: 48.851 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

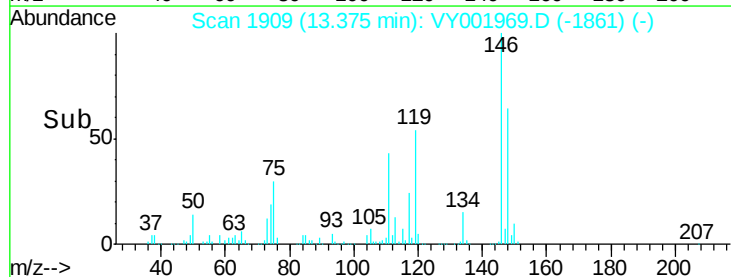
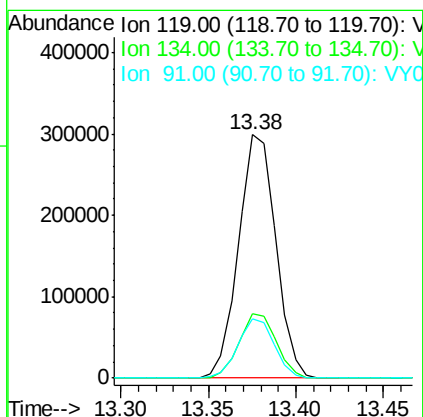
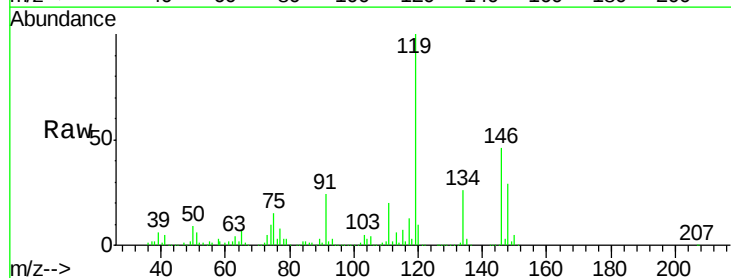
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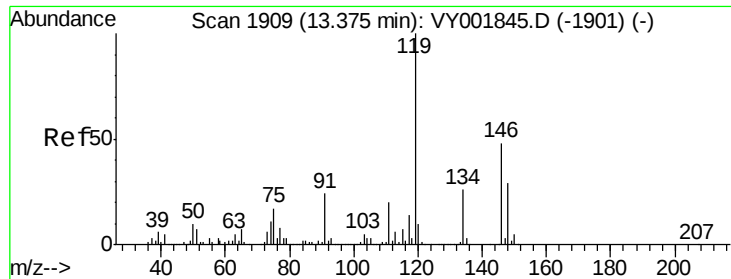
MMDadoda
 3/16/2020 11:42:34 AM



#86
 p-Isopropyltoluene
 Concen: 48.935 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	23.7	11.9	35.7





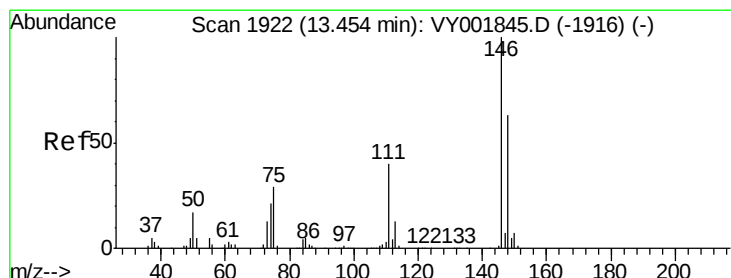
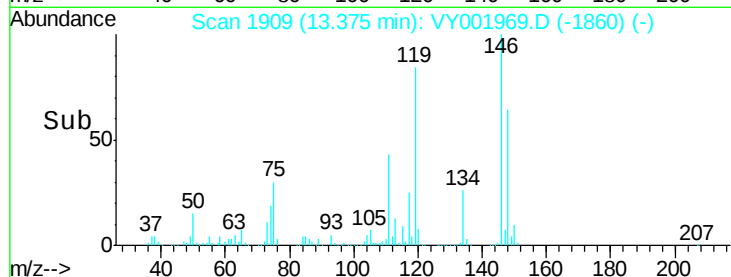
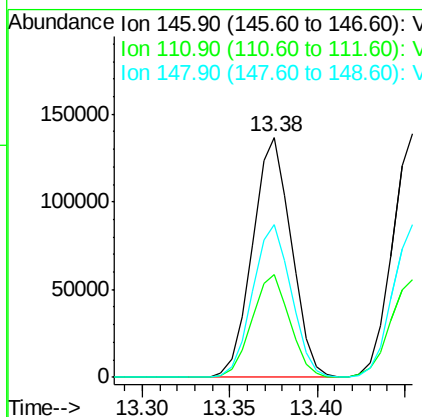
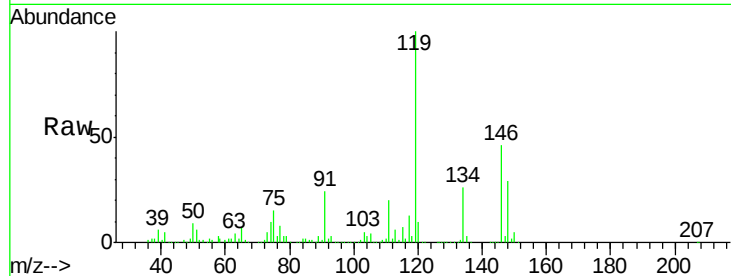
#87
 1,3-Dichlorobenzene
 Concen: 48.828 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	63.2	31.4	94.0

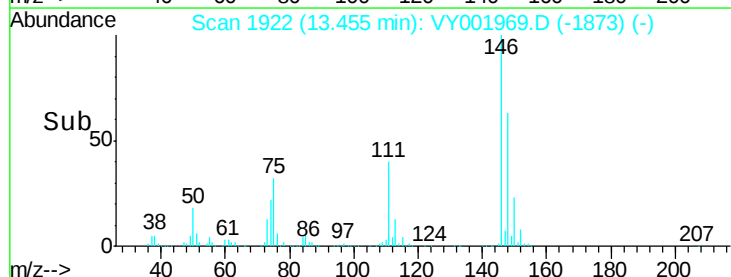
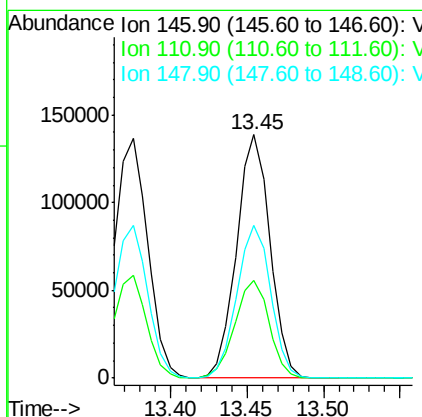
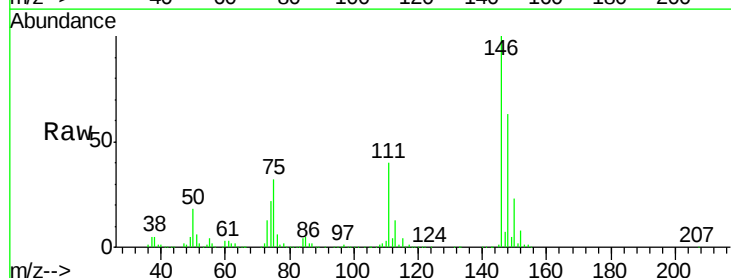
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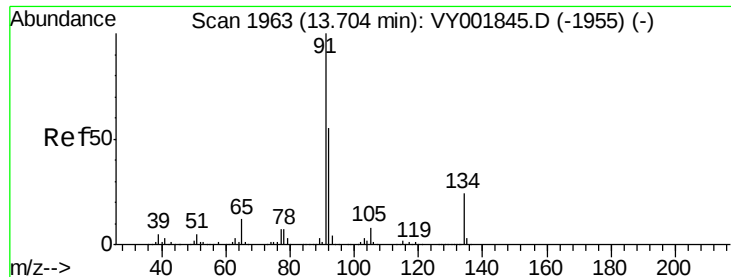
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.100 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	60.0
148	63.5	31.5	94.5





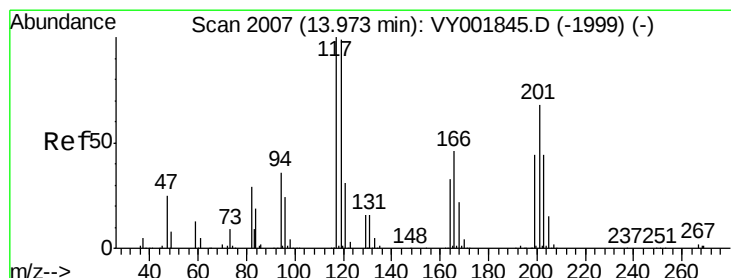
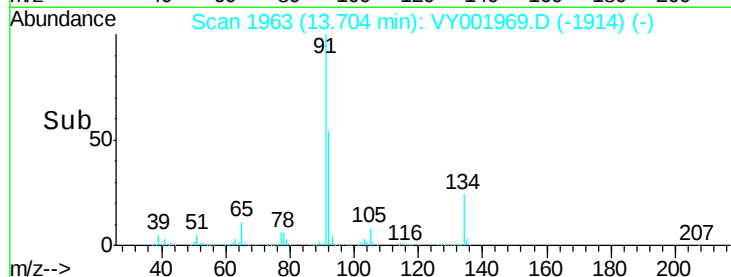
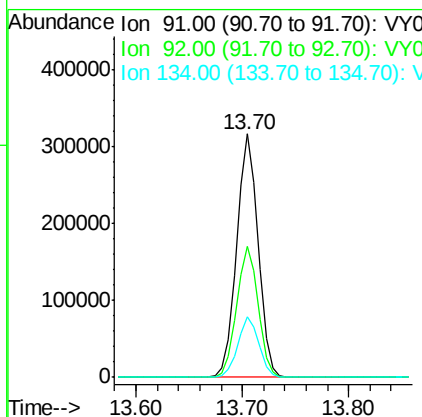
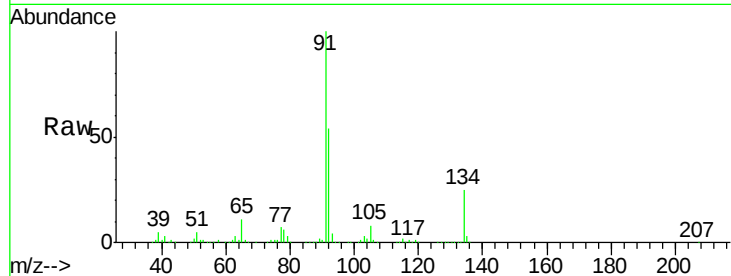
#89
n-Butylbenzene
Concen: 47.654 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		447335		
92	54.1	27.5		82.4	
134	24.5	12.5		37.5	

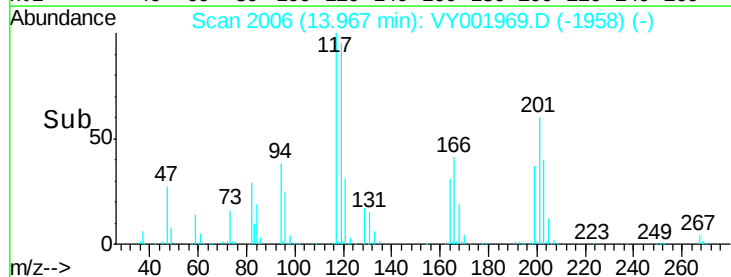
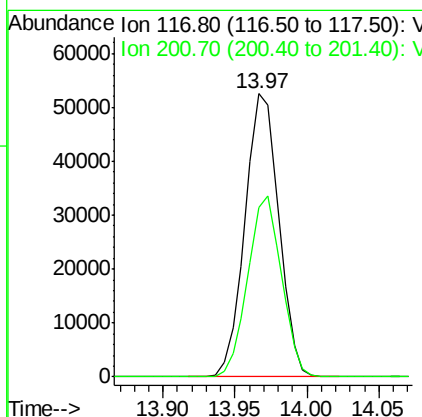
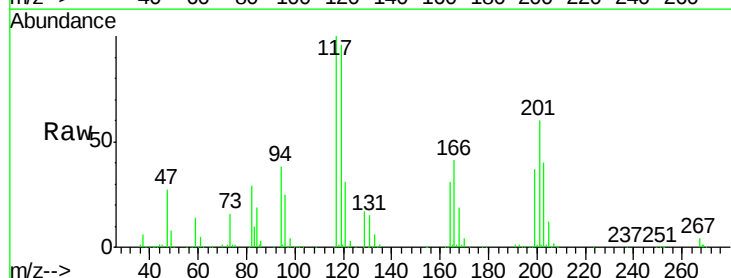
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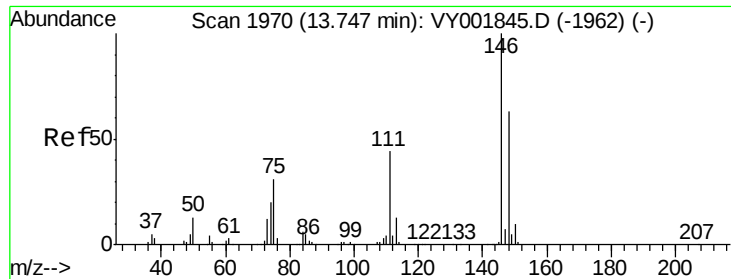
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#90
Hexachloroethane
Concen: 50.102 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		85519		
201	63.7	32.5		97.5	





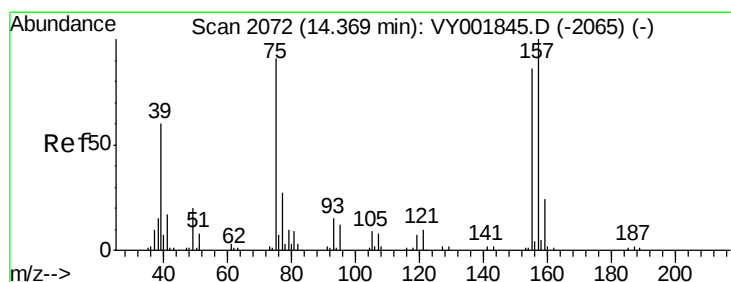
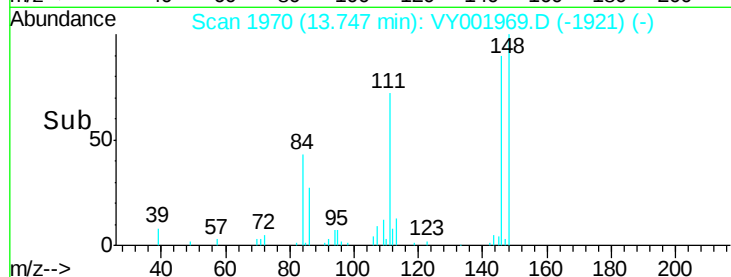
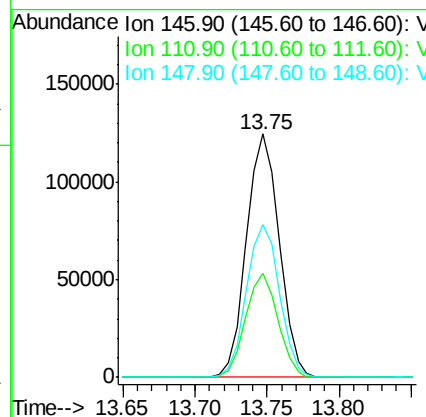
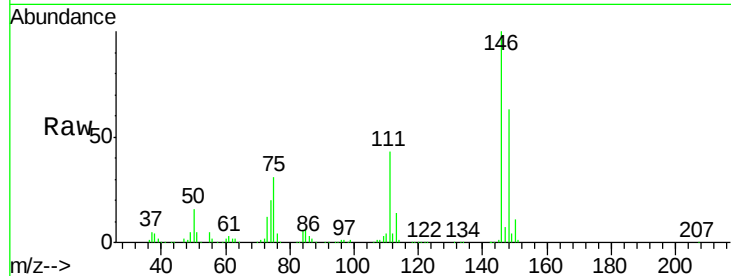
#91
 1,2-Dichlorobenzene
 Concen: 49.940 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	63.4	32.0	96.0

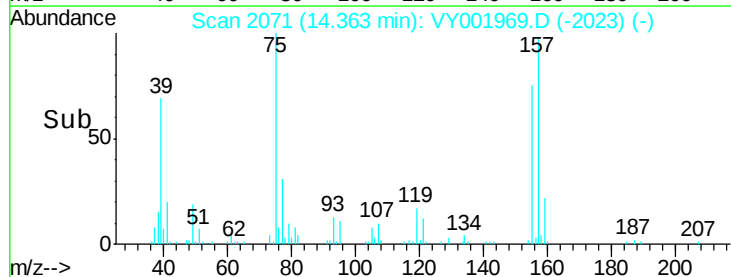
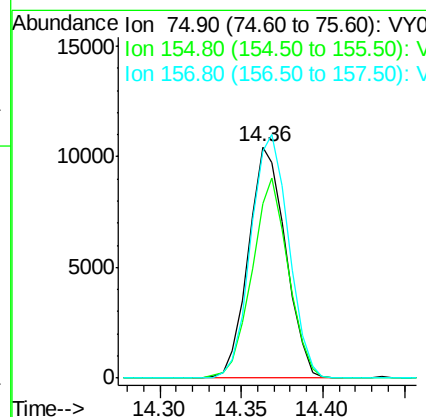
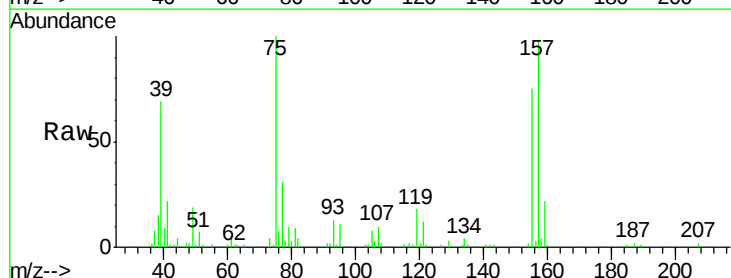
Manual Integrations
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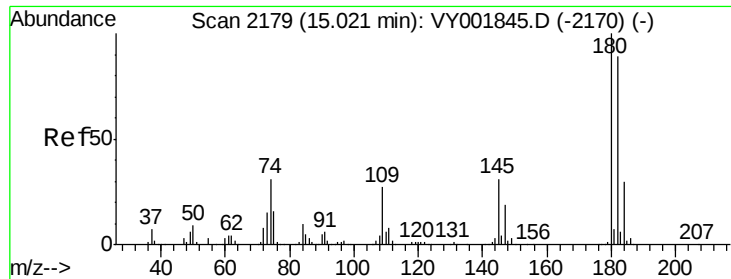
MMDadoda
 3/16/2020 11:42:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.205 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.9	128.7
157	107.1	53.1	159.4





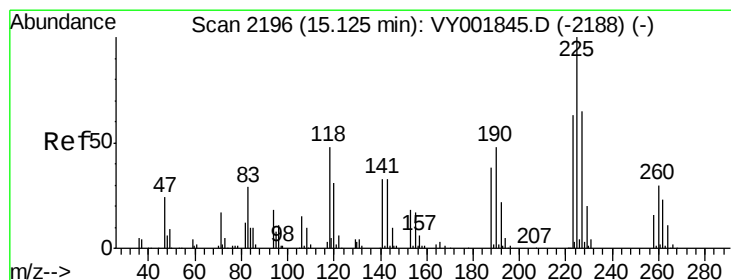
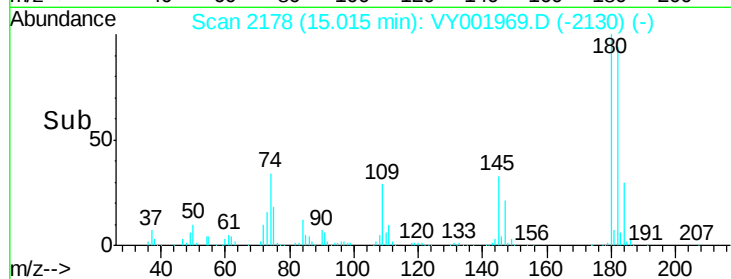
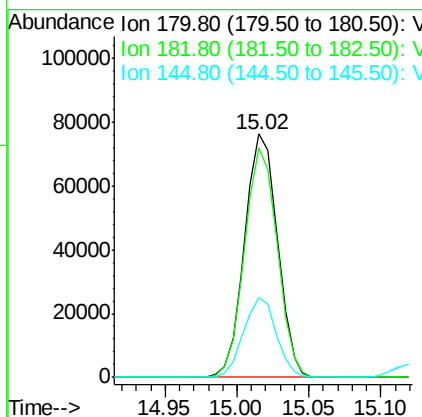
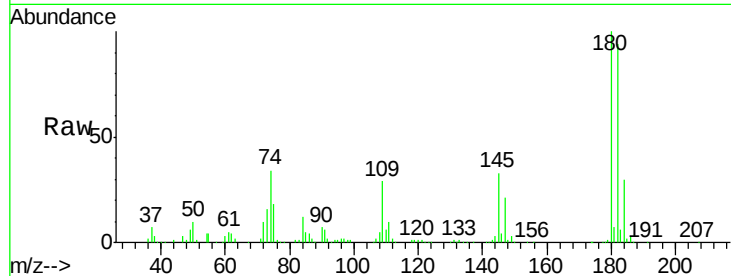
#93
 1,2,4-Trichlorobenzene
 Concen: 47.354 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.1	138.3
145	32.6	15.6	46.8

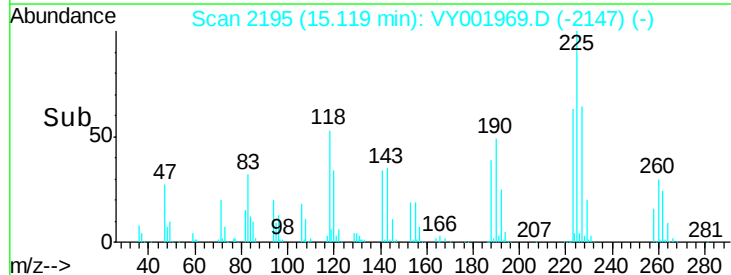
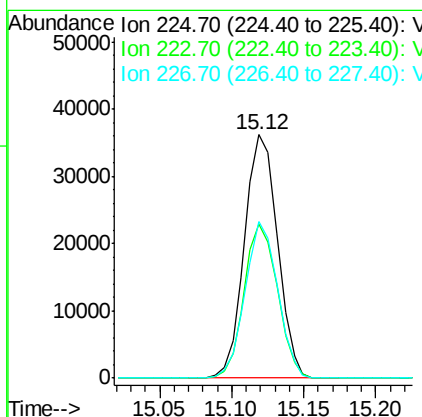
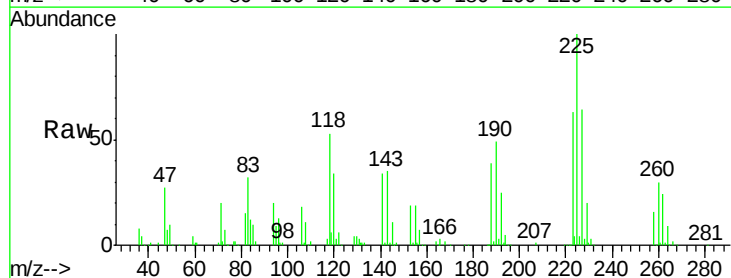
Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:42:34 AM



#94
 Hexachlorobutadiene
 Concen: 46.290 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001969.D
 Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.5	94.5
227	63.4	31.9	95.5





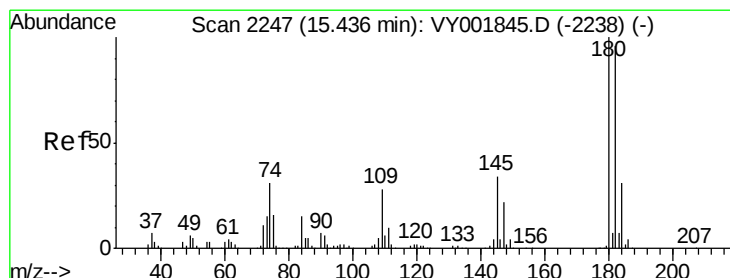
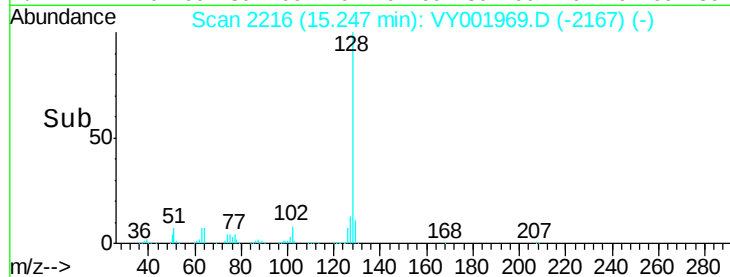
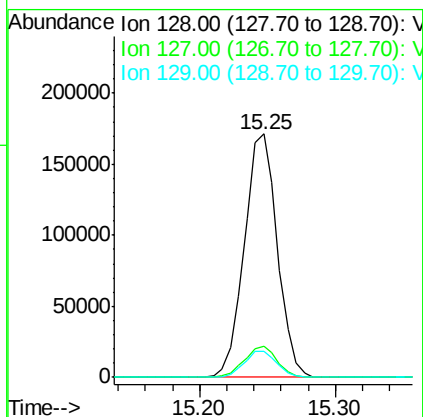
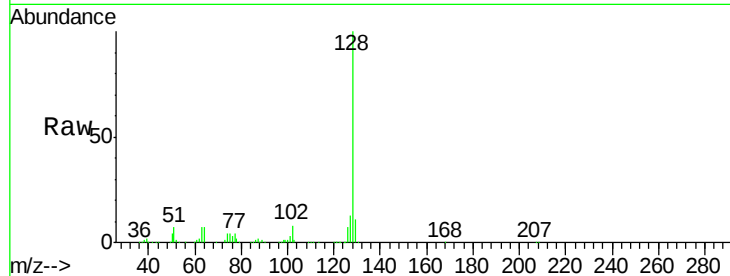
#95
Naphthalene
Concen: 48.068 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:42:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.790 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001969.D
Acq: 12 Mar 2020 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.9
145	33.5	16.8	50.3

