

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001550.D
 Acq On : 07 Feb 2020 13:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 11:27:04 AM

Quant Time: Feb 08 02:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	208112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	361254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	324373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	157351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	113531	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
35) Dibromofluoromethane	7.74	113	104032	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.19	98	434851	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.49	95	160941	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	87479	42.942	ug/l	96
3) Chloromethane	2.13	50	112039	52.621	ug/l	97
4) Vinyl Chloride	2.26	62	118514	53.607	ug/l	99
5) Bromomethane	2.66	94	77592	55.806	ug/l	92
6) Chloroethane	2.81	64	74318	55.768	ug/l	98
7) Trichlorofluoromethane	3.15	101	155711	42.550	ug/l	97
8) Diethyl Ether	3.55	74	60087	48.657	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.92	101	98803	44.873	ug/l	98
10) Methyl Iodide	4.11	142	122792	43.767	ug/l	99
11) Tert butyl alcohol	4.99	59	52640	219.239	ug/l	98
12) 1,1-Dichloroethene	3.90	96	99271	45.370	ug/l	95
13) Acrolein	3.75	56	56672	285.632	ug/l	99
14) Allyl chloride	4.50	41	172224	51.454	ug/l	97
15) Acrylonitrile	5.19	53	158477	279.934	ug/l	100
16) Acetone	3.97	43	162885	268.737	ug/l	99
17) Carbon Disulfide	4.22	76	320263	45.979	ug/l	97
18) Methyl Acetate	4.50	43	71744	55.468	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	278416	47.848	ug/l	99
20) Methylene Chloride	4.74	84	109761	45.857	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	112006	46.048	ug/l	97
22) Diisopropyl ether	6.14	45	359108	54.152	ug/l	94
23) Vinyl Acetate	6.09	43	1218624	288.669	ug/l	96
24) 1,1-Dichloroethane	6.05	63	192984	48.382	ug/l	99
25) 2-Butanone	7.01	43	233016	296.331	ug/l	94
26) 2,2-Dichloropropane	7.01	77	170867	44.759	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	123107	46.338	ug/l	97
28) Bromochloromethane	7.36	49	87335	64.272	ug/l	90
29) Tetrahydrofuran	7.37	42	142670	302.711	ug/l	92
30) Chloroform	7.53	83	185753	45.974	ug/l	97
31) Cyclohexane	7.80	56	195464	47.906	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	164251	44.838	ug/l	97
36) 1,1-Dichloropropene	7.94	75	154320	46.696	ug/l	99
37) Ethyl Acetate	7.10	43	92840	58.031	ug/l	96
38) Carbon Tetrachloride	7.92	117	139969	43.776	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	207940	47.786	ug/l	99
40) Benzene	8.18	78	457747	48.561	ug/l	100
41) Methacrylonitrile	7.34	41	40844m	55.085	ug/l	
42) 1,2-Dichloroethane	8.25	62	125744	47.881	ug/l	99
43) Isopropyl Acetate	8.29	43	183951	58.073	ug/l	94
44) Trichloroethene	8.96	130	115570	45.485	ug/l	97
45) 1,2-Dichloropropane	9.23	63	116419	51.146	ug/l	100
46) Dibromomethane	9.31	93	62429	48.843	ug/l	99
47) Bromodichloromethane	9.51	83	147281	47.292	ug/l	99
48) Methyl methacrylate	9.30	41	85704	59.613	ug/l	90
49) 1,4-Dioxane	9.31	88	16982	1006.041	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	477399	306.035	ug/l	95
52) Toluene	10.25	92	285776	47.780	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	165131	48.682	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	187187	48.068	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	91801	50.059	ug/l	97
56) Ethyl methacrylate	10.52	69	139355	53.427	ug/l	93
57) 1,3-Dichloropropane	10.80	76	159535	49.351	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	297688	310.241	ug/l	95
59) 2-Hexanone	10.84	43	349935	308.525	ug/l	97
60) Dibromochloromethane	10.99	129	101896	47.138	ug/l	100
61) 1,2-Dibromoethane	11.10	107	86875	48.097	ug/l	99
64) Tetrachloroethene	10.72	164	93446	43.928	ug/l	98
65) Chlorobenzene	11.52	112	297427	46.699	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	101175	45.388	ug/l	99
67) Ethyl Benzene	11.60	91	555070	47.135	ug/l	99
68) m/p-Xylenes	11.70	106	414165	93.685	ug/l	99
69) o-Xylene	12.03	106	195550	46.914	ug/l	99
70) Styrene	12.05	104	344506	47.794	ug/l	99
71) Bromoform	12.21	173	61029	49.168	ug/l #	99
73) Isopropylbenzene	12.33	105	532101	44.338	ug/l	100
74) N-amyl acetate	12.15	43	178087	57.107	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	116470	51.082	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	84933m	50.192	ug/l	
77) Bromobenzene	12.61	156	116220	44.749	ug/l	92
78) n-propylbenzene	12.67	91	656858	45.720	ug/l	99
79) 2-Chlorotoluene	12.77	91	362644	44.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	445176	44.047	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	45470	51.994	ug/l	98
82) 4-Chlorotoluene	12.86	91	384291	44.756	ug/l	100
83) tert-Butylbenzene	13.08	119	377610	44.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	443328	44.319	ug/l	99
85) sec-Butylbenzene	13.26	105	548494	45.665	ug/l	100
86) p-Isopropyltoluene	13.38	119	477347	45.098	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	226517	45.511	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	228844	45.894	ug/l	98
89) n-Butylbenzene	13.70	91	488297	46.756	ug/l	99
90) Hexachloroethane	13.97	117	91005	44.796	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	208552	46.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	19226	45.676	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	136990	45.069	ug/l	99
94) Hexachlorobutadiene	15.12	225	67639	43.845	ug/l	98
95) Naphthalene	15.25	128	323816	45.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	119714	44.618	ug/l	99

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

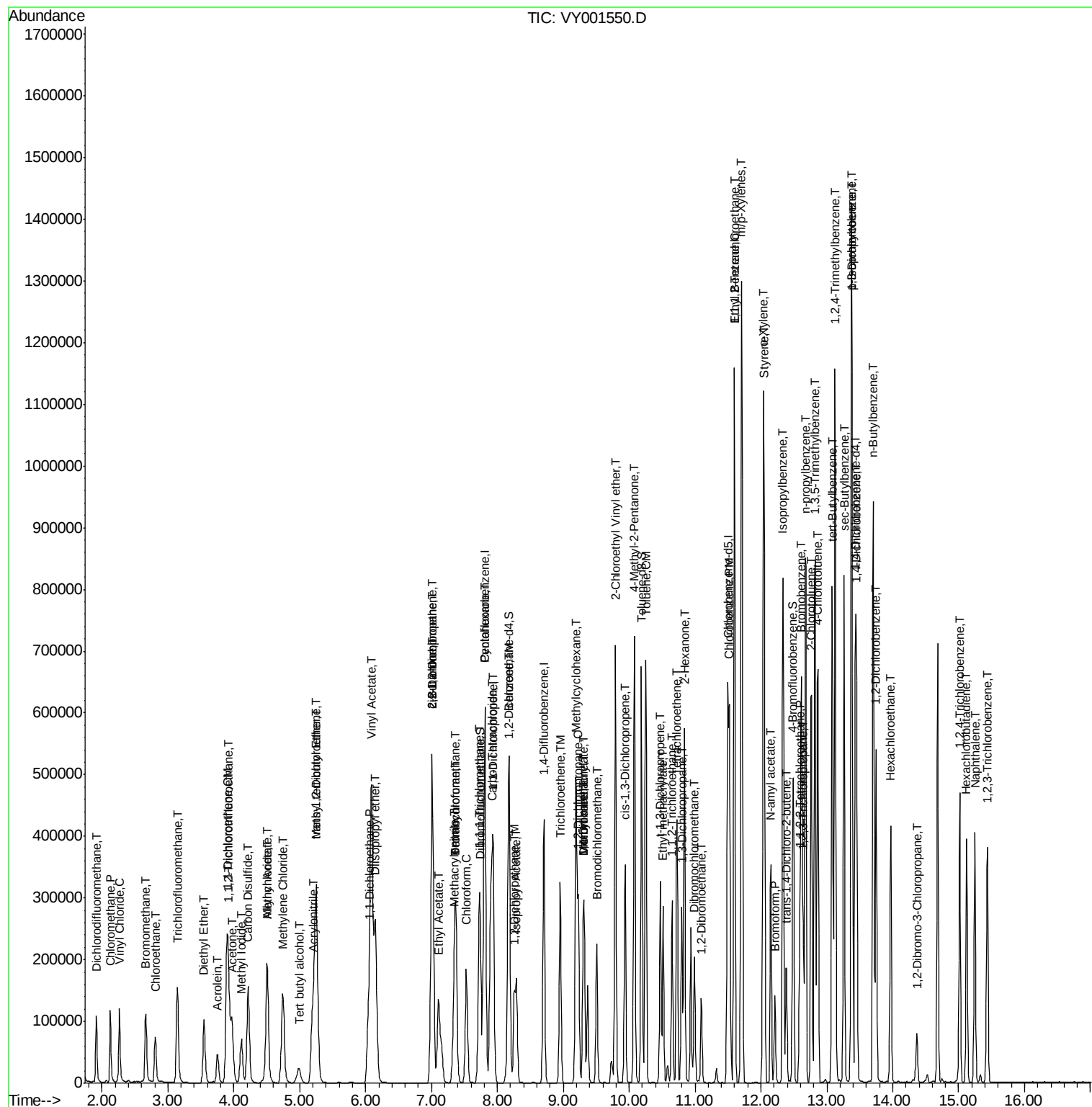
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
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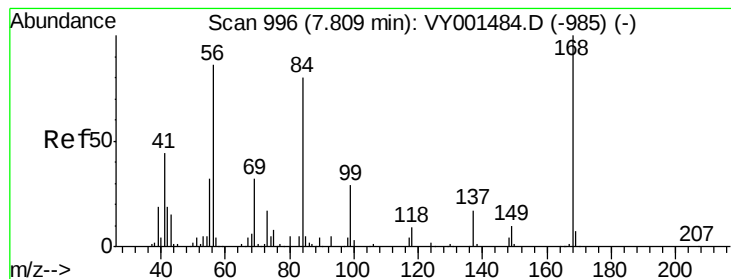
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 208112

Ion Ratio Lower Upper

168 100

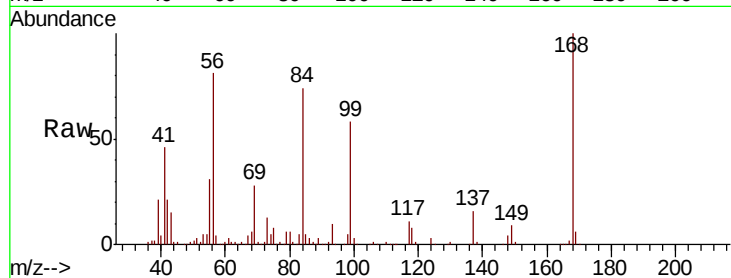
99 58.4 48.2 72.4

Manual Integrations

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2/10/2020 11:27:04 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.81

100000

80000

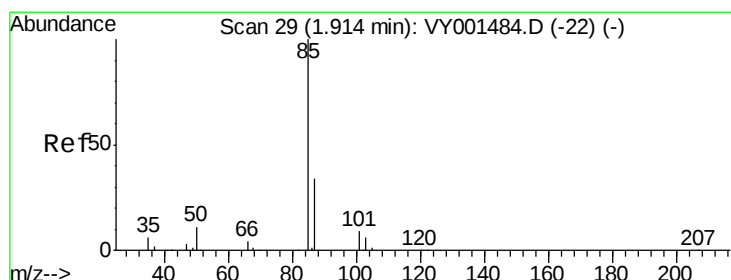
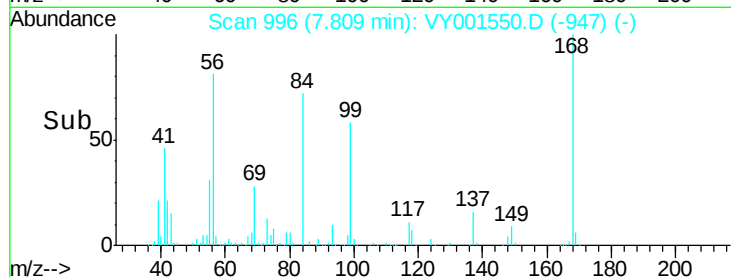
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.942 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001550.D

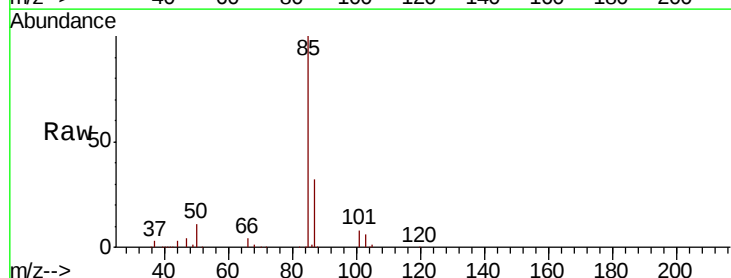
Acq: 07 Feb 2020 13:22

Tgt Ion: 85 Resp: 87479

Ion Ratio Lower Upper

85 100

87 31.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.91

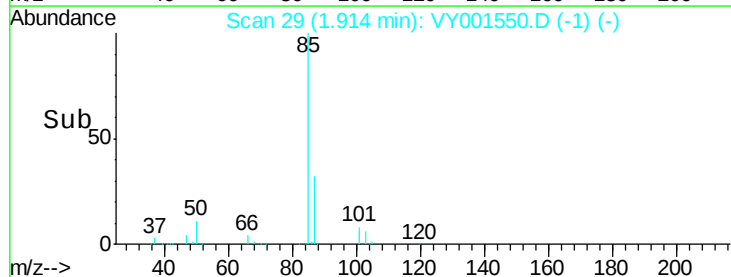
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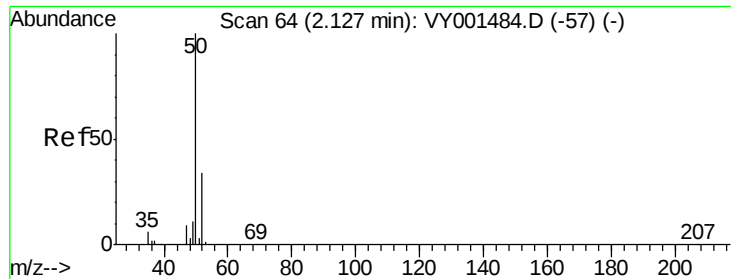
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.621 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 112039

Ion Ratio Lower Upper

50 100

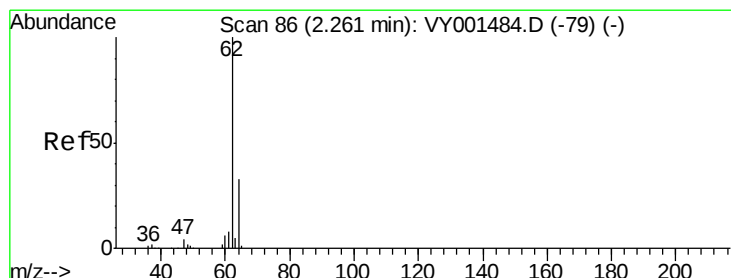
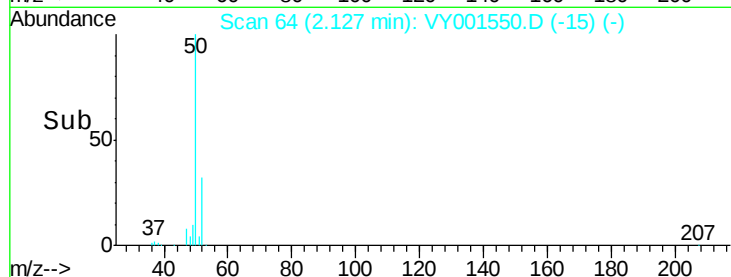
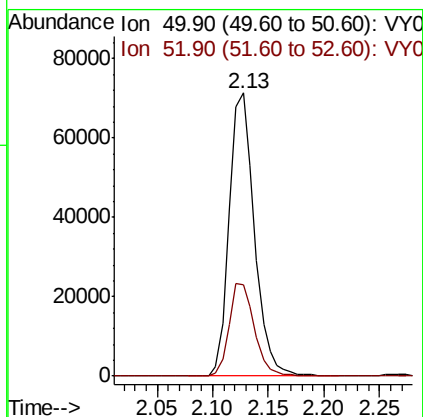
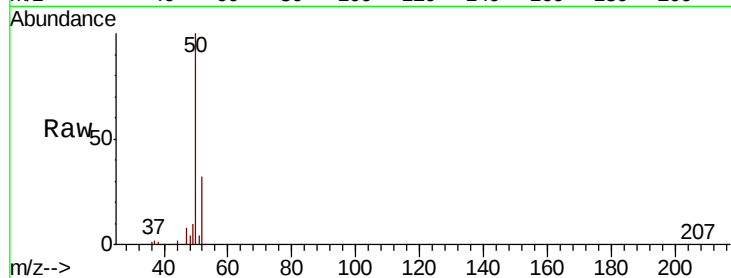
52 32.5 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.607 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001550.D

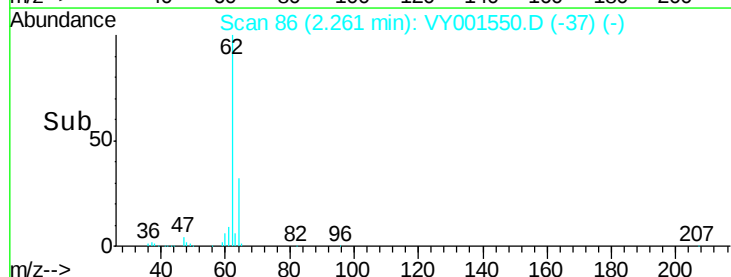
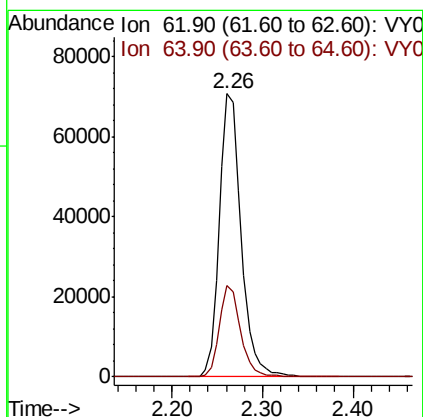
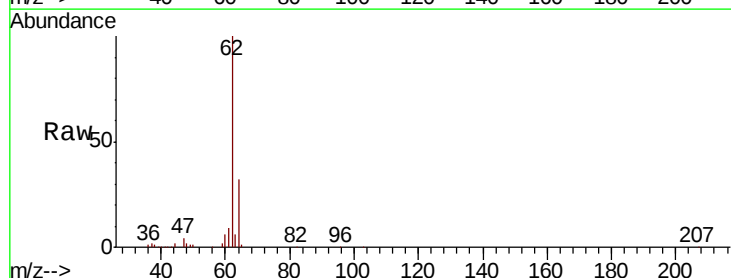
Acq: 07 Feb 2020 13:22

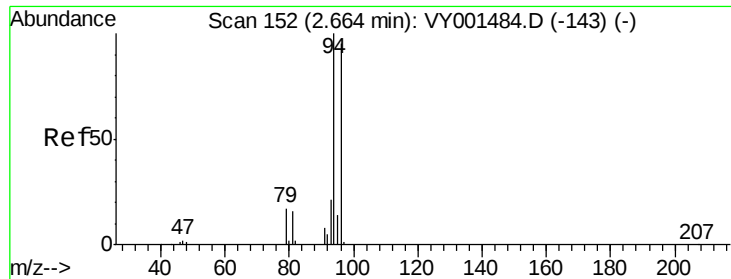
Tgt Ion: 62 Resp: 118514

Ion Ratio Lower Upper

62 100

64 32.3 26.4 39.6





#5

Bromomethane

Concen: 55.806 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 77592

Ion Ratio Lower Upper

94 100

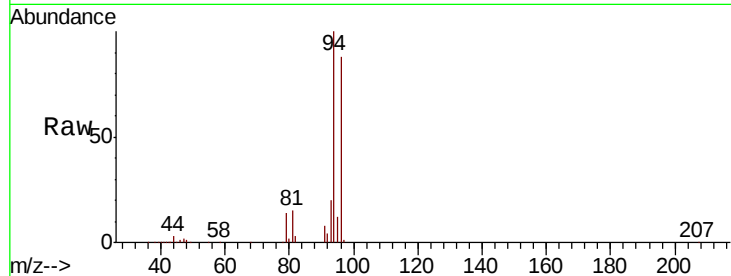
96 87.8 76.2 114.2

Manual Integrations

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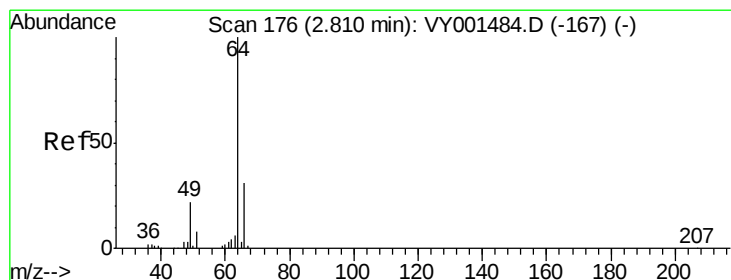
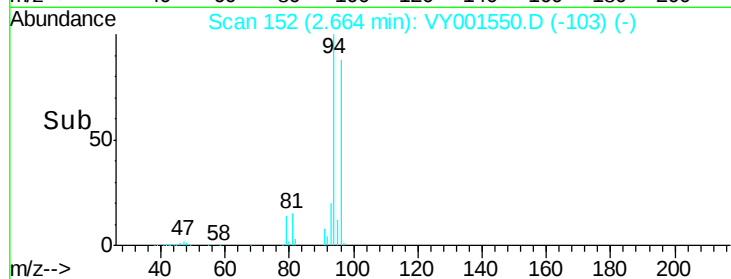
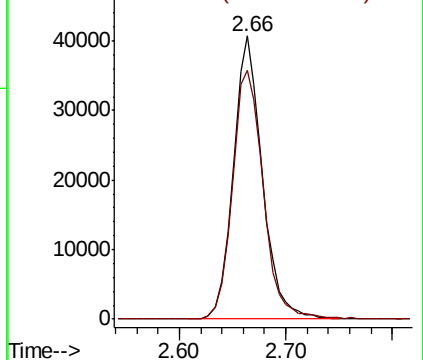
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2/10/2020 11:27:04 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 55.768 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001550.D

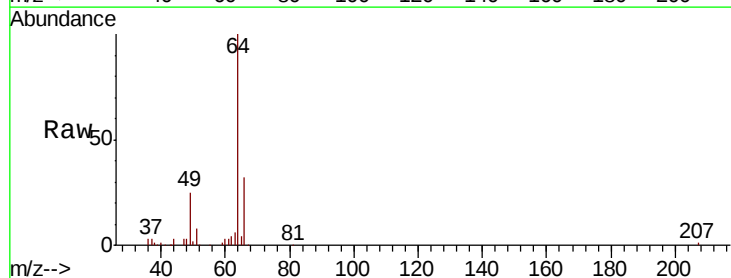
Acq: 07 Feb 2020 13:22

Tgt Ion: 64 Resp: 74318

Ion Ratio Lower Upper

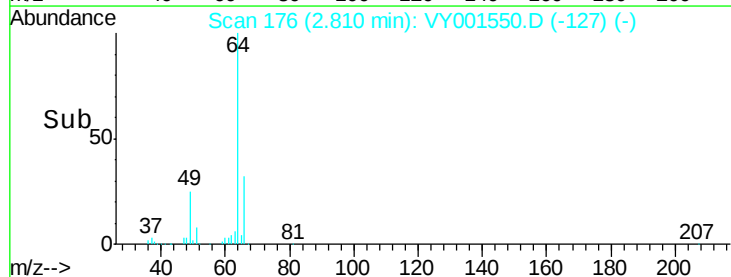
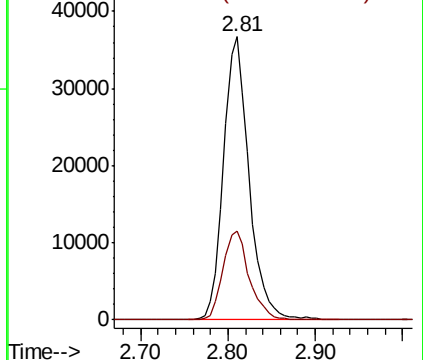
64 100

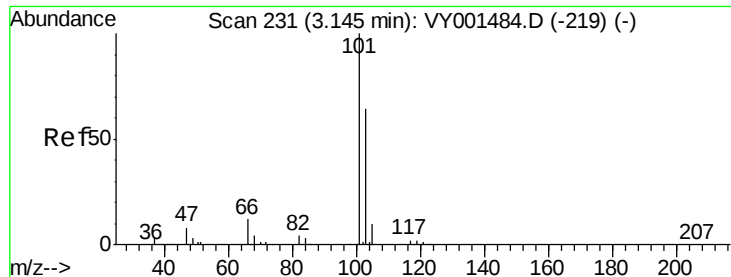
66 31.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

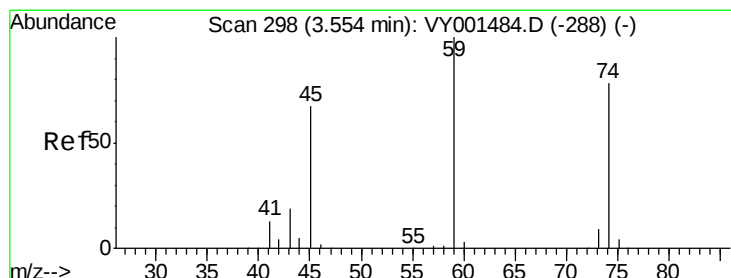
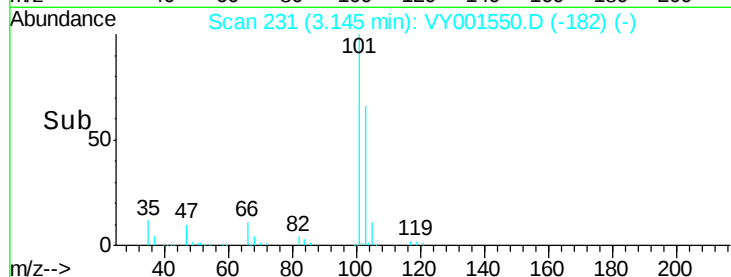
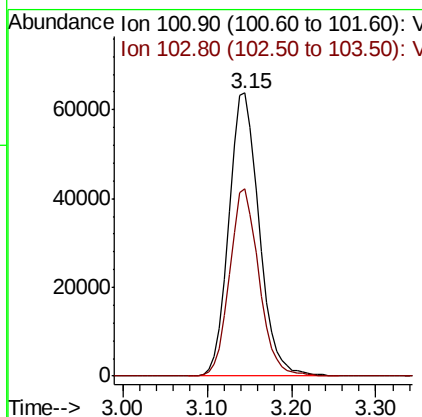
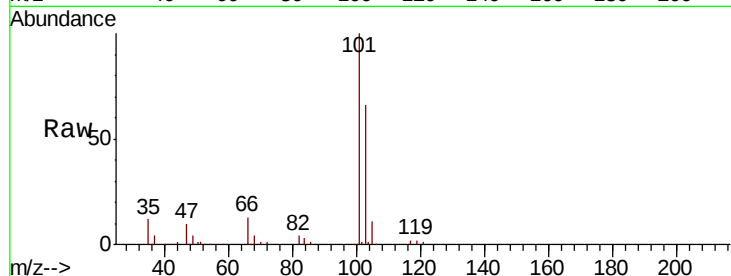
Trichlorofluoromethane
Concen: 42.550 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001550.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	155711		
103	66.1	50.9	76.3	

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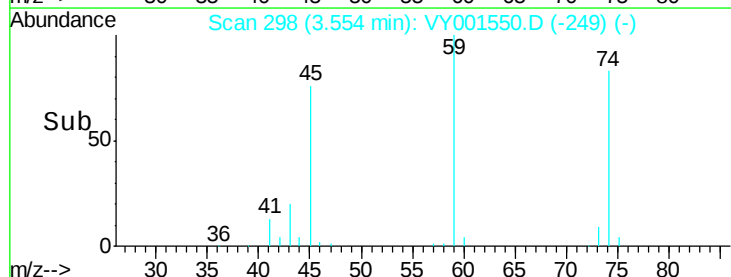
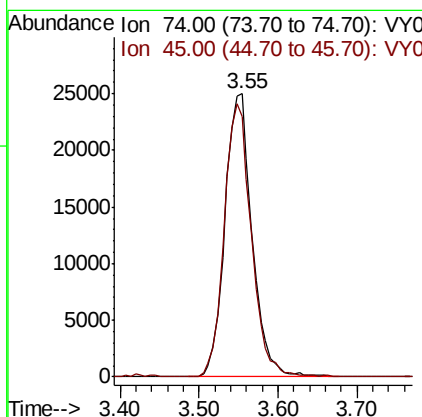
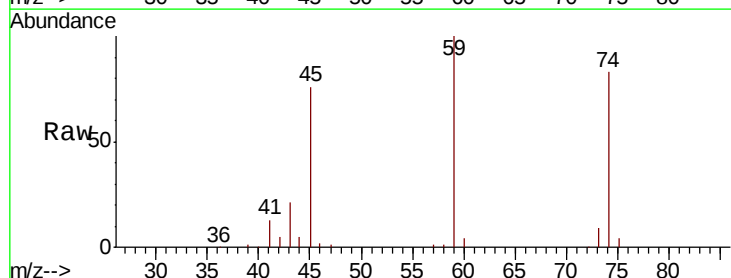
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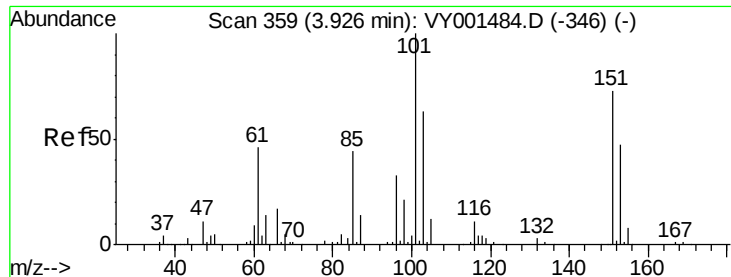


#8

Diethyl Ether
Concen: 48.657 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60087		
45	96.5	44.5	133.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.873 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

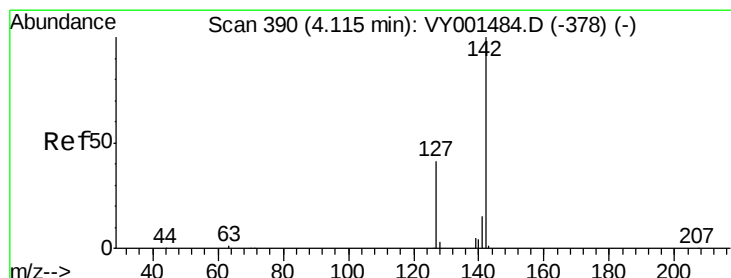
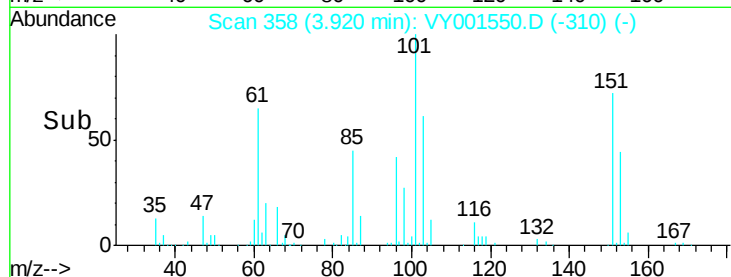
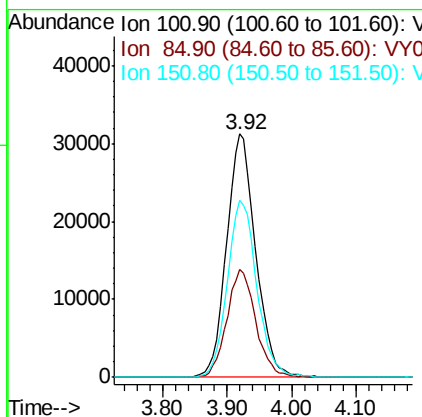
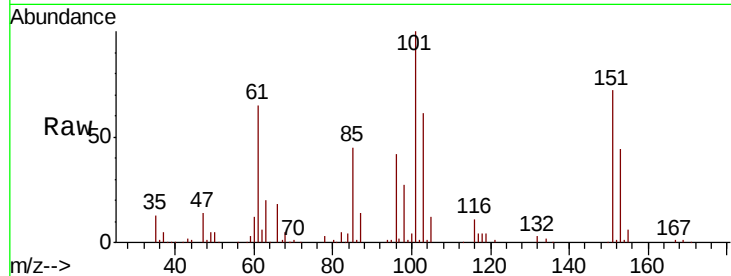
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98803
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.6	51.8
151	73.9	60.3	90.5

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#10

Methyl Iodide

Concen: 43.767 ug/l

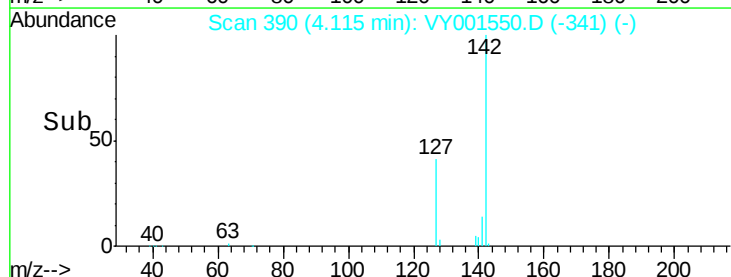
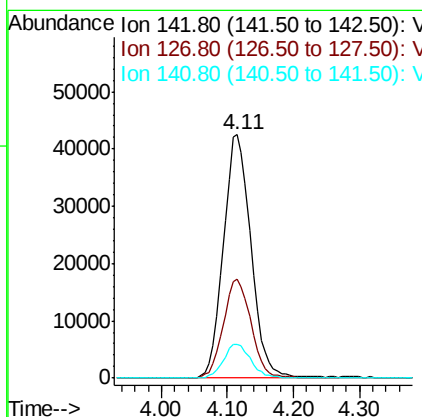
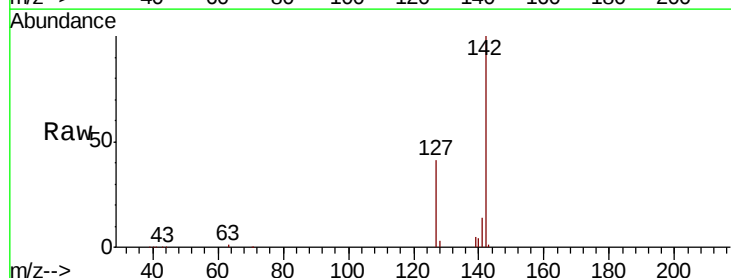
RT: 4.11 min Scan# 390

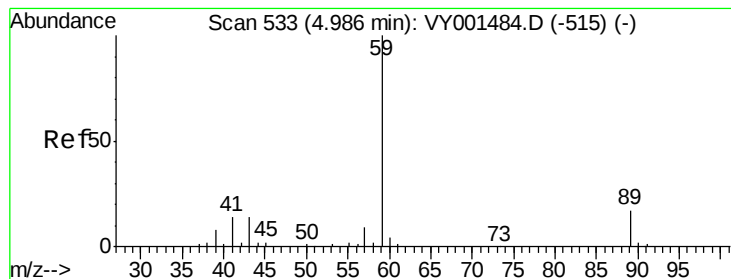
Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion:	142	Resp:	122792
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.3	49.9
141	13.7	11.5	17.3





#11

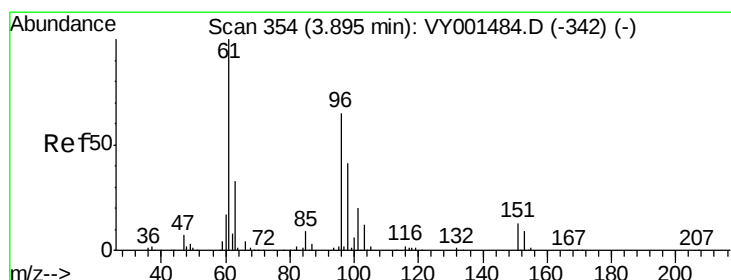
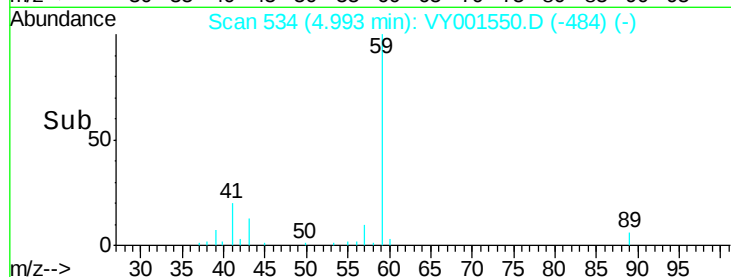
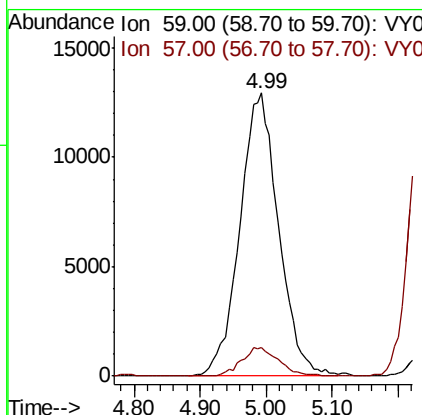
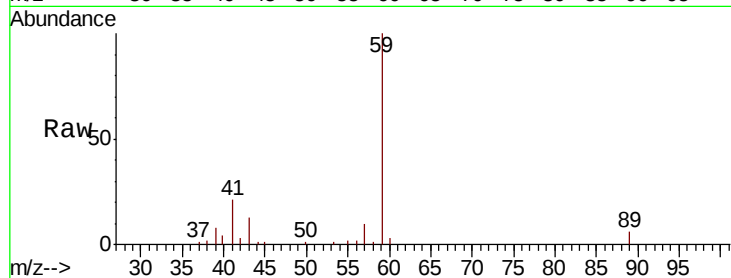
Tert butyl alcohol
 Concen: 219.239 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.0	10.6

Manual Integrations
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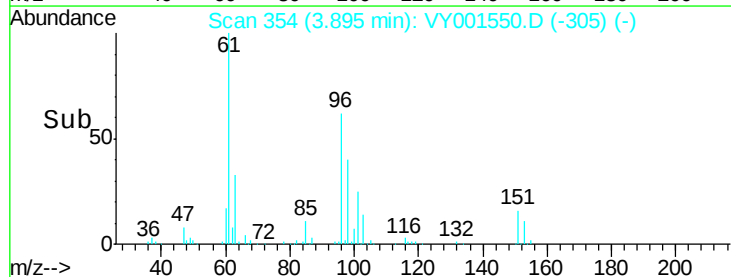
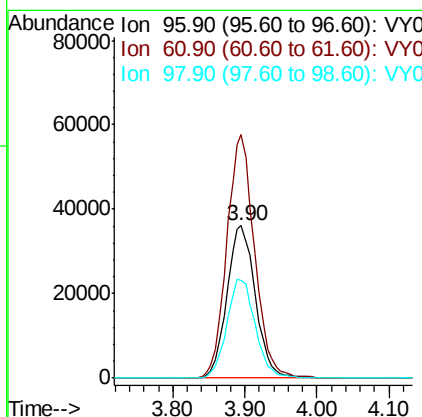
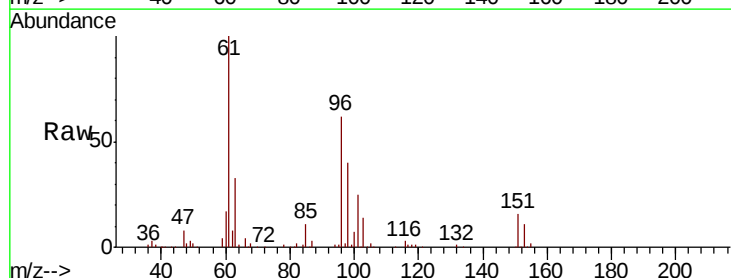
MMDadoda
 2/10/2020 11:27:04 AM

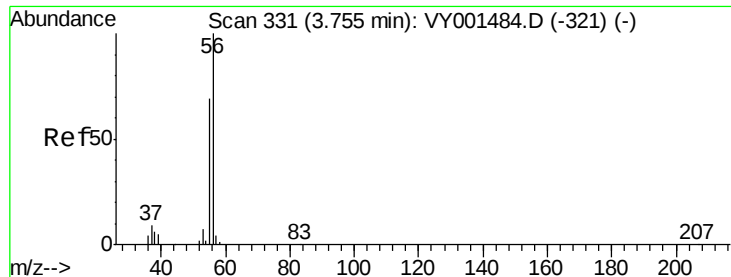


#12

1,1-Dichloroethene
 Concen: 45.370 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	122.3	183.5
98	64.5	49.7	74.5





#13

Acrolein

Concen: 285.632 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 56672

Ion Ratio Lower Upper

56 100

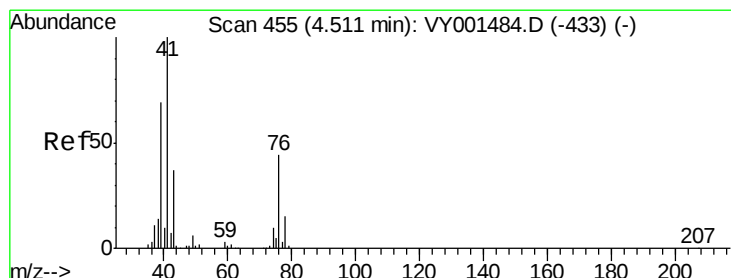
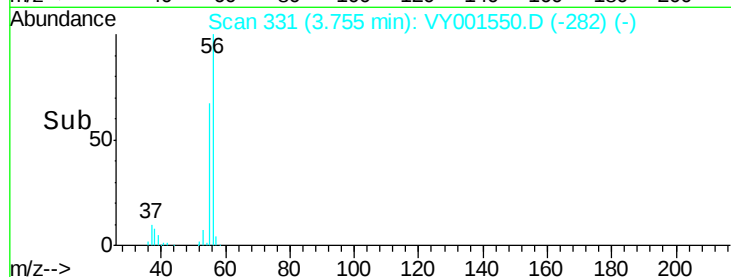
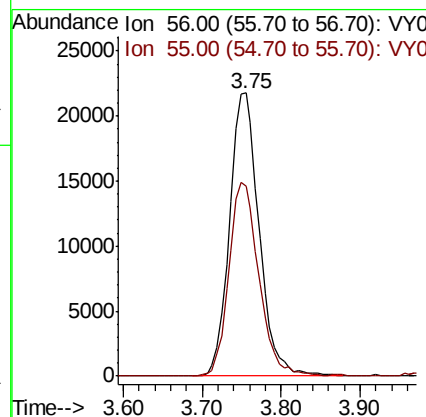
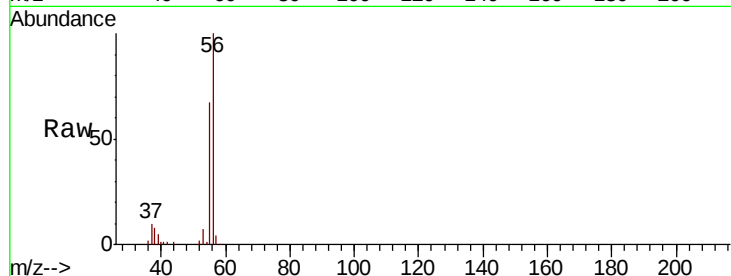
55 69.6 56.2 84.4

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#14

Allyl chloride

Concen: 51.454 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

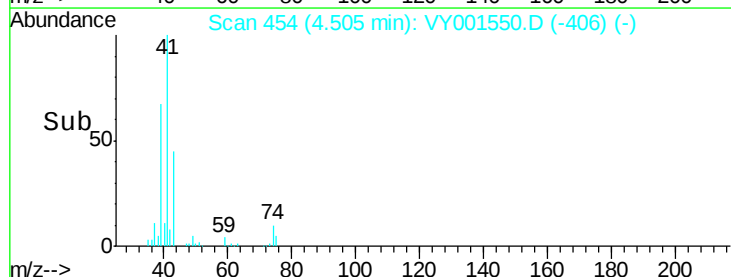
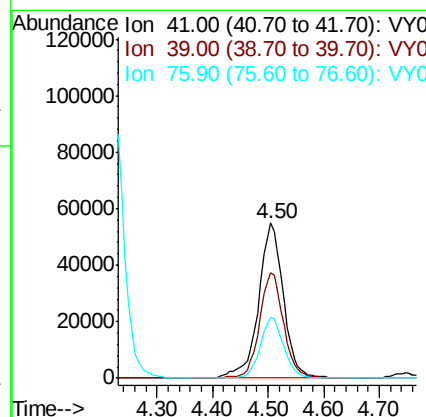
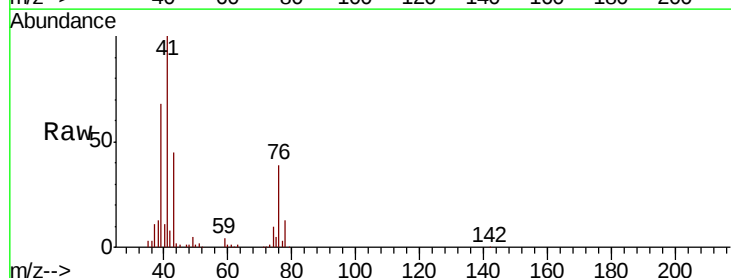
Tgt Ion: 41 Resp: 172224

Ion Ratio Lower Upper

41 100

39 65.3 53.0 79.6

76 36.7 32.6 48.8





#15

Acrylonitrile

Concen: 279.934 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

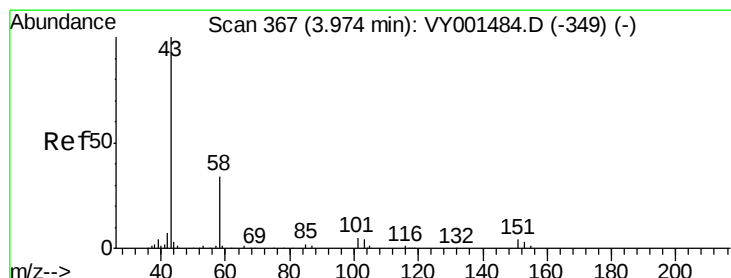
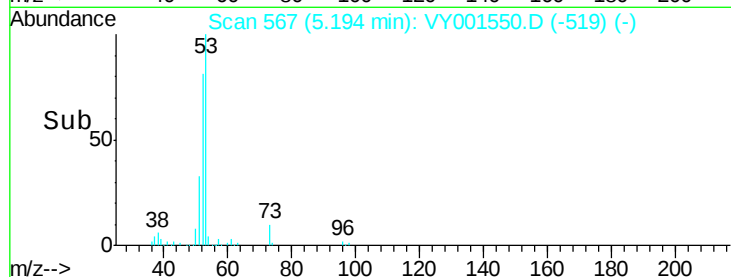
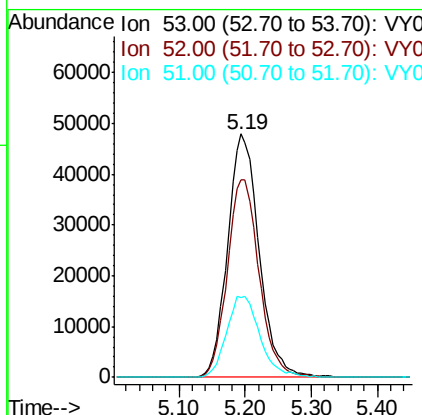
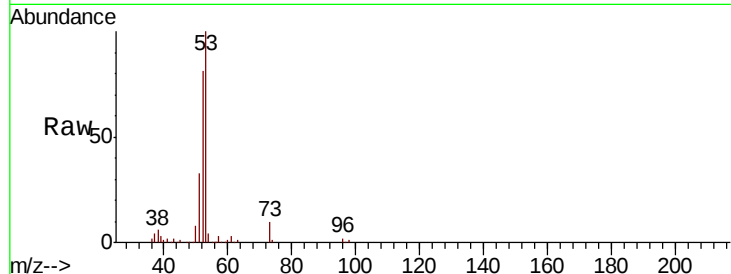
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	158477
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.4	98.2
51	35.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 268.737 ug/l

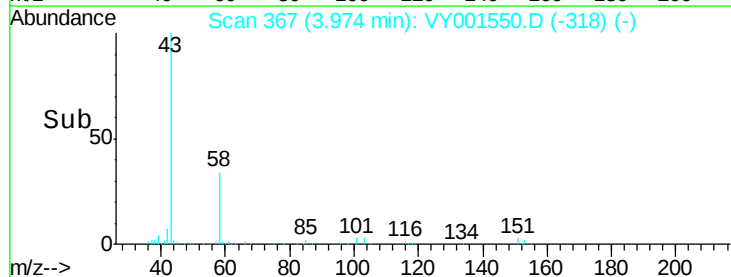
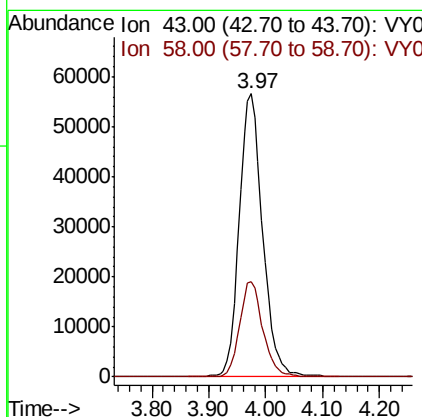
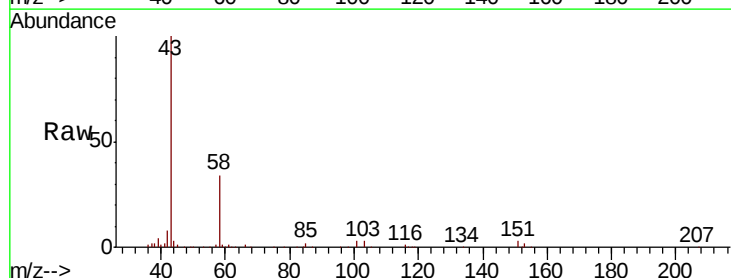
RT: 3.97 min Scan# 367

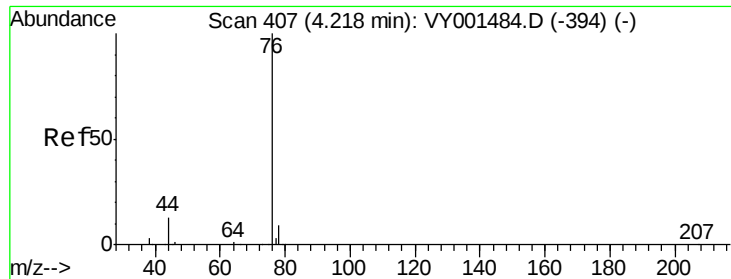
Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion:	43	Resp:	162885
Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.5	41.3





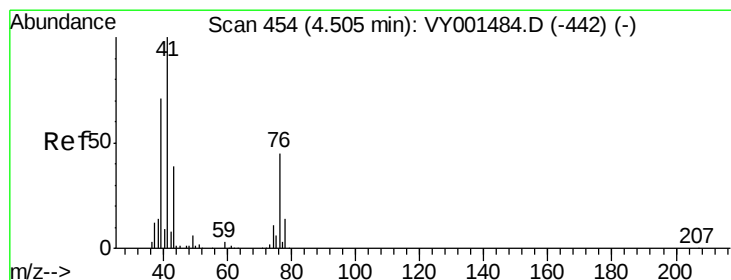
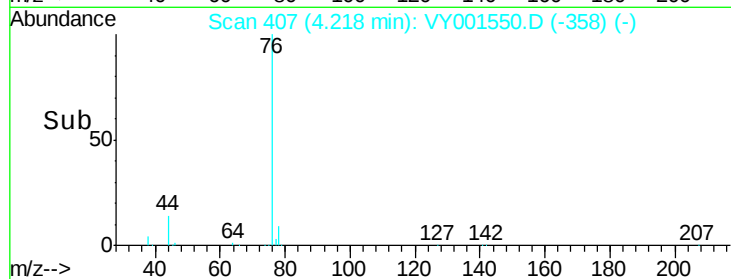
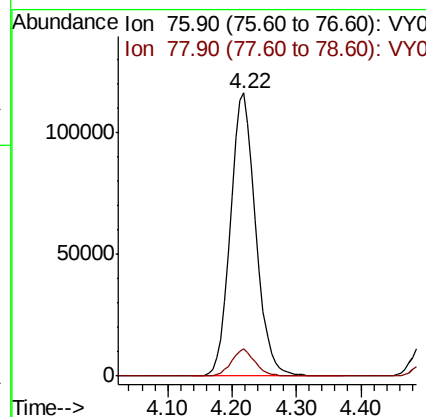
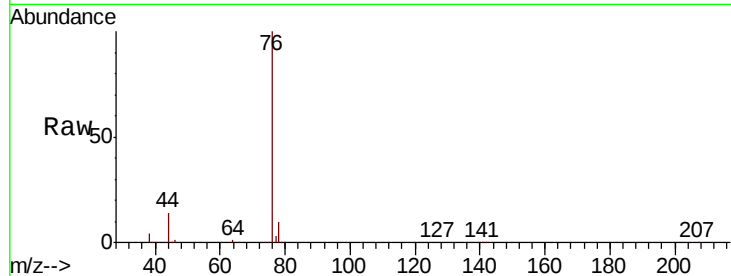
#17
Carbon Disulfide
Concen: 45.979 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.6

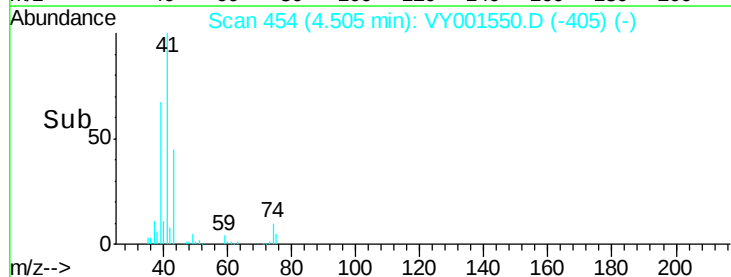
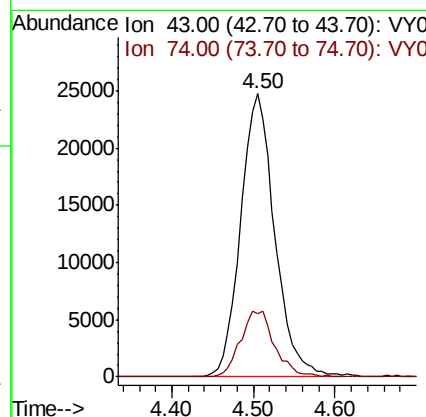
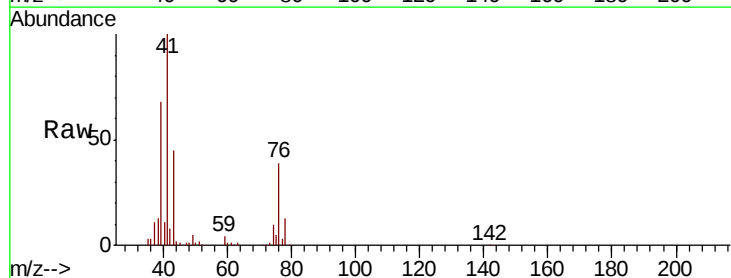
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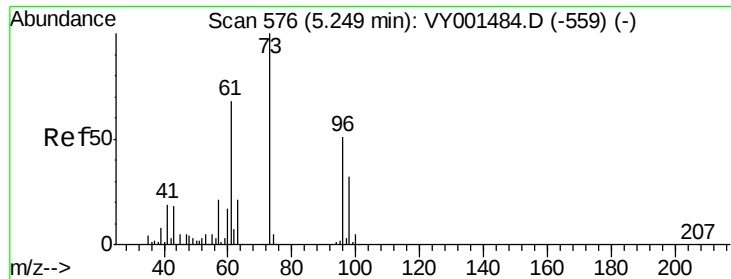
MMDadoda
2/10/2020 11:27:04 AM



#18
Methyl Acetate
Concen: 55.468 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	21.0	31.6





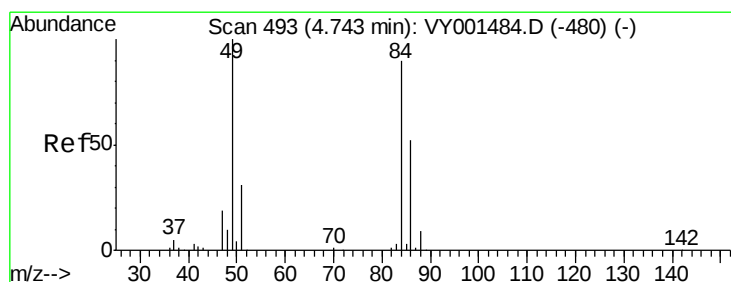
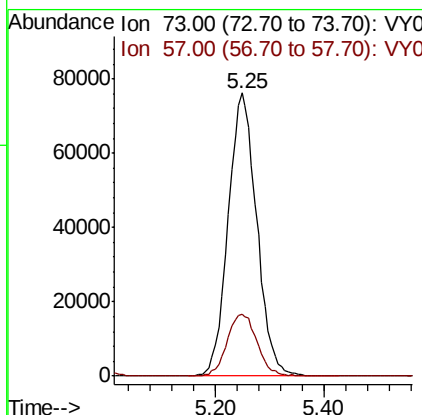
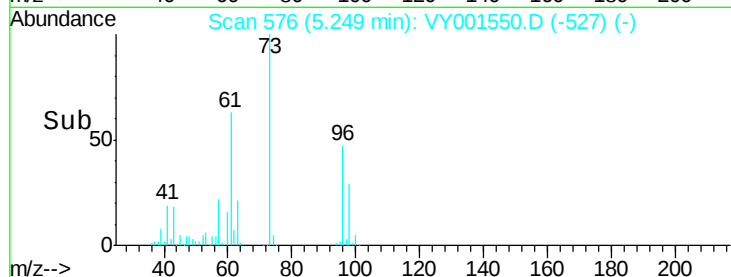
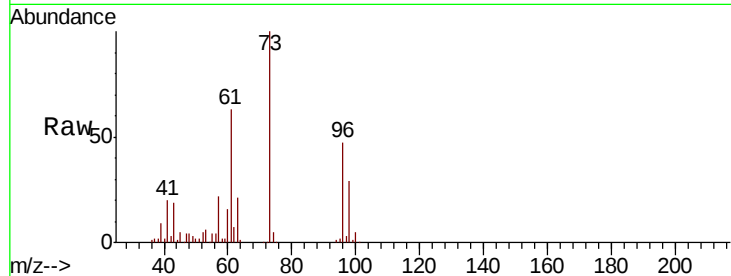
#19
Methvl tert-butvl Ether
Concen: 47.848 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 278416
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

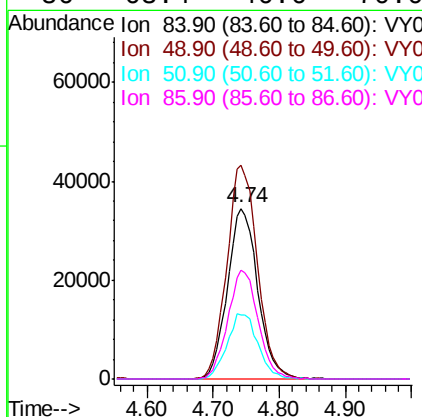
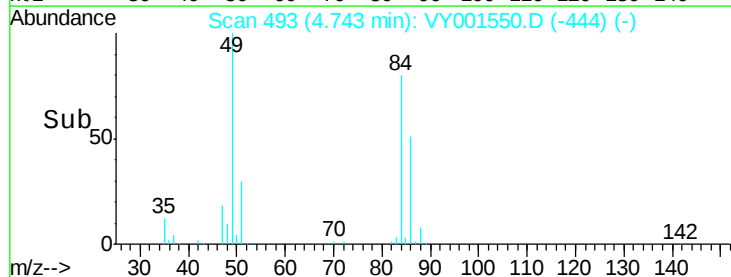
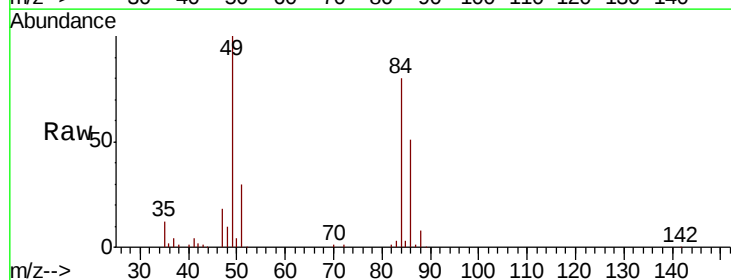
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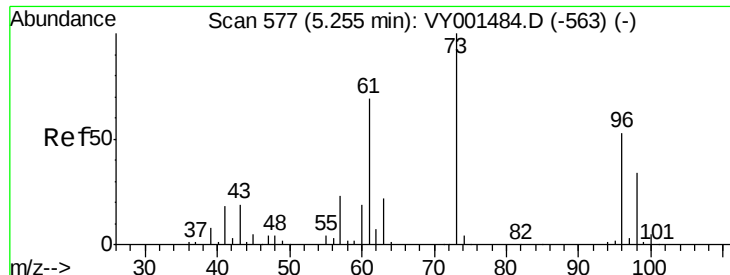
MMDadoda
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#20
Methylene Chloride
Concen: 45.857 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 84 Resp: 109761
Ion Ratio Lower Upper
84 100
49 125.1 89.0 133.6
51 37.6 27.4 41.2
86 63.4 46.6 70.0





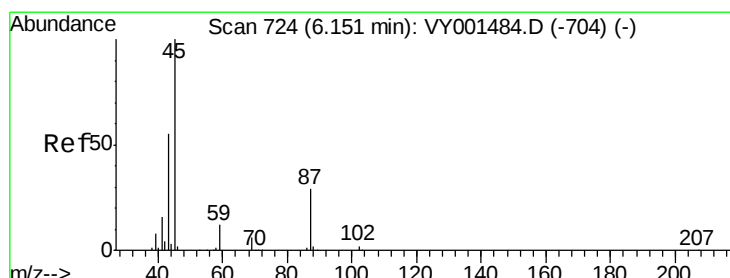
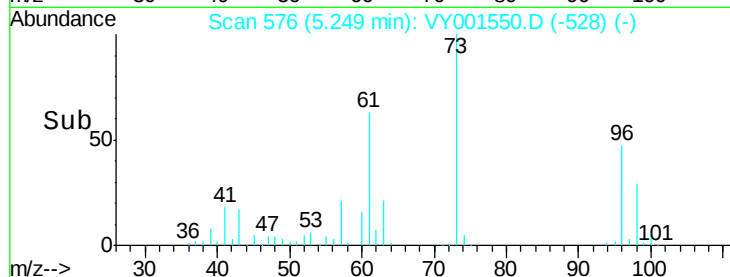
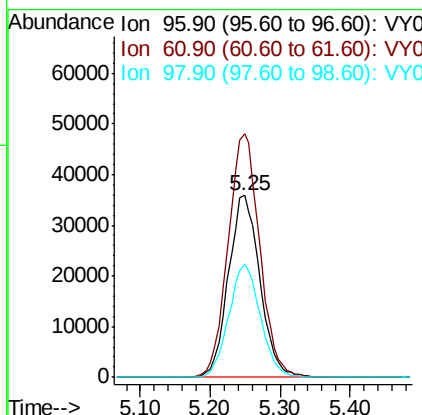
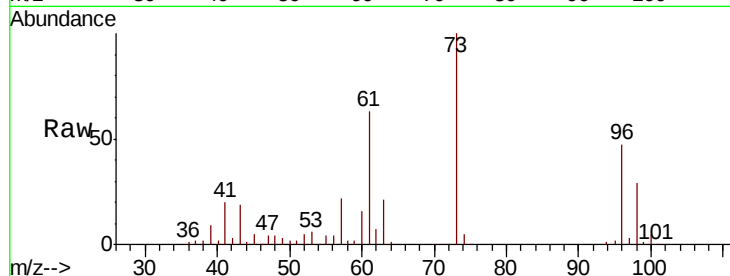
#21
trans-1,2-Dichloroethene
Concen: 46.048 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	104.2	156.4
98	62.3	51.4	77.0

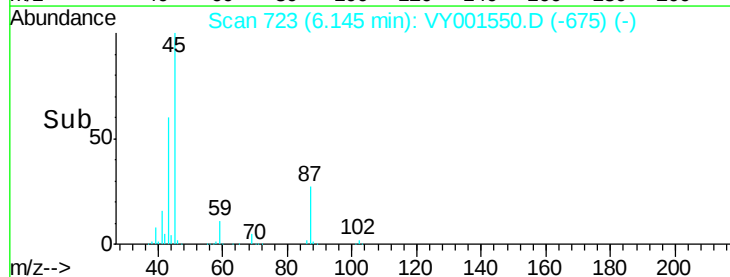
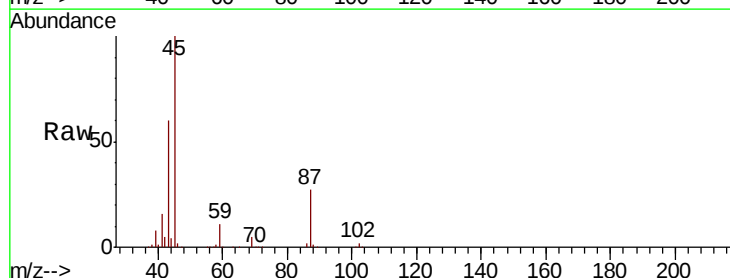
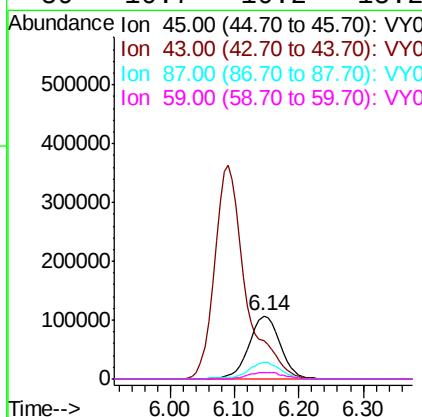
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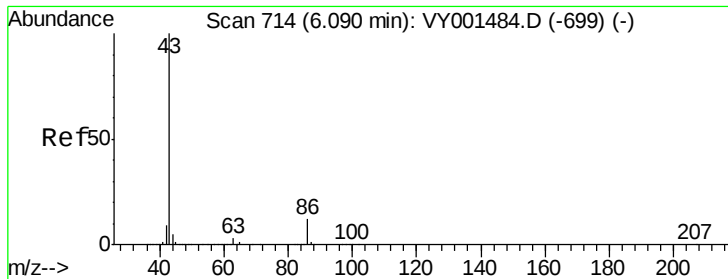
MMDadoda
2/10/2020 11:27:04 AM



#22
Diisopropyl ether
Concen: 54.152 ug/l
RT: 6.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	44.2	66.4
87	27.0	23.9	35.9
59	10.7	10.2	15.2





#23

Vinyl Acetate

Concen: 288.669 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1218624

Ion Ratio Lower Upper

43 100

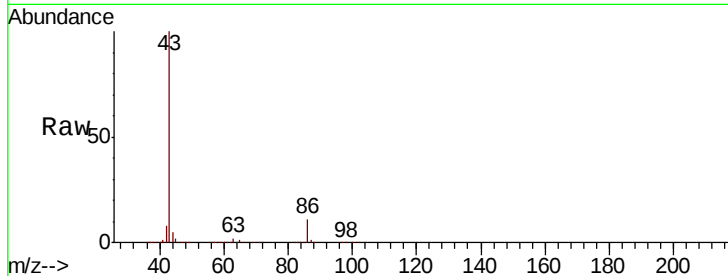
86 10.6 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

400000

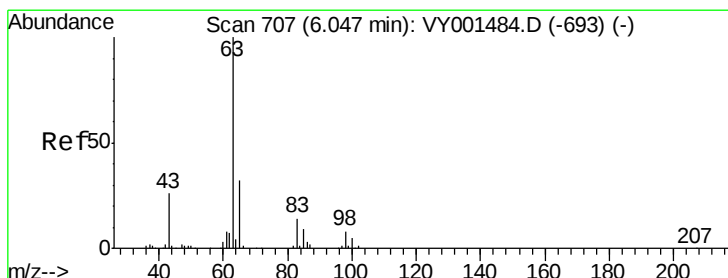
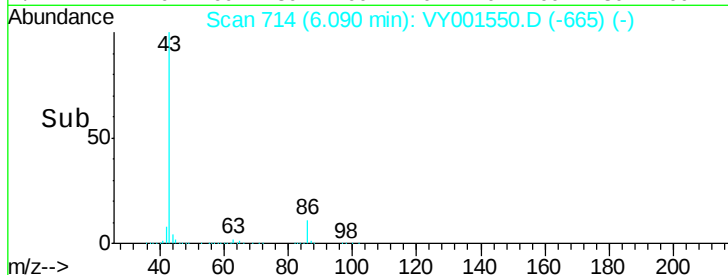
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.382 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

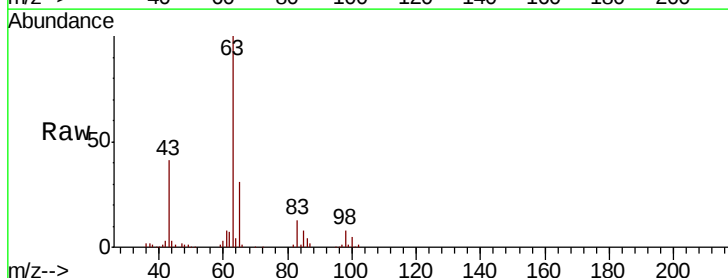
Tgt Ion: 63 Resp: 192984

Ion Ratio Lower Upper

63 100

98 7.7 4.0 11.9

100 4.6 2.6 8.0



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

6.05

80000

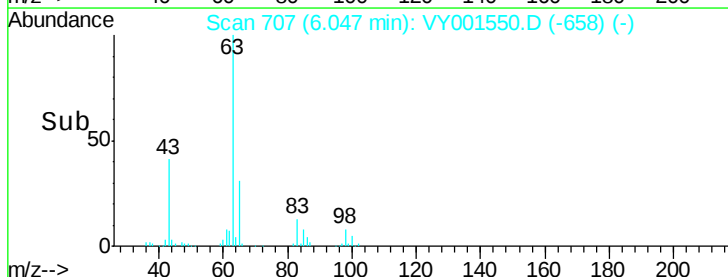
60000

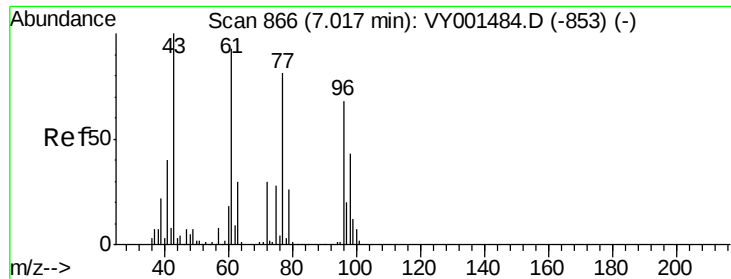
40000

20000

0

Time-->





#25

2-Butanone

Concen: 296.331 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 233016

Ion Ratio Lower Upper

43 100

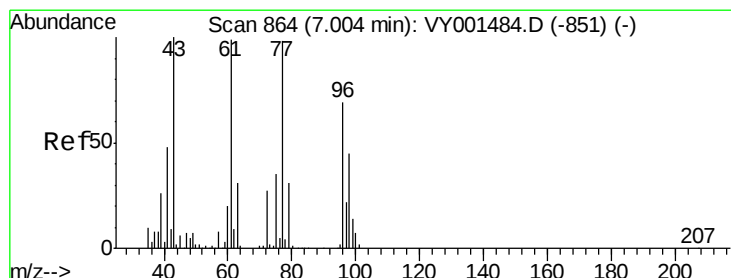
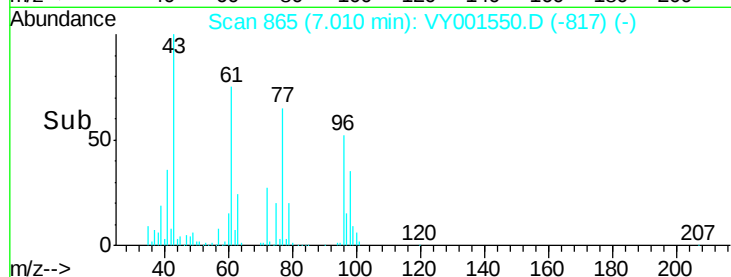
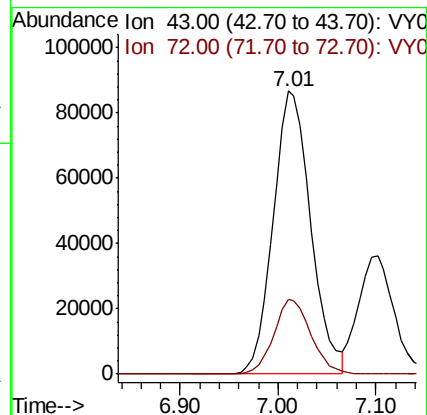
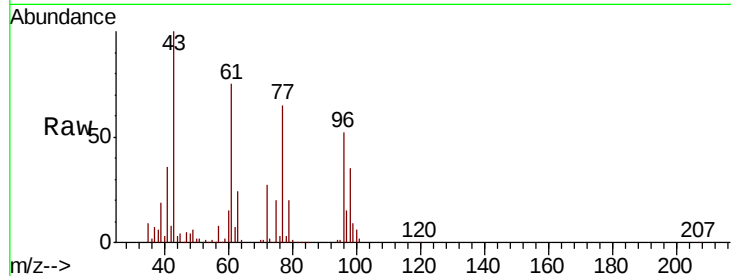
72 26.6 23.8 35.8

Manual Integrations

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MMDadoda

2/10/2020 11:27:04 AM



#26

2,2-Dichloropropane

Concen: 44.759 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001550.D

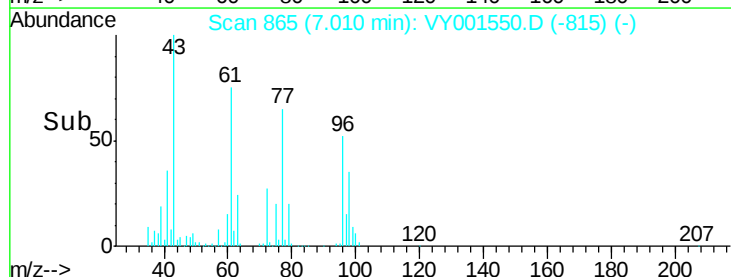
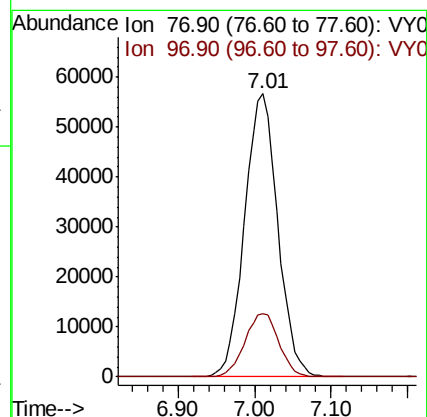
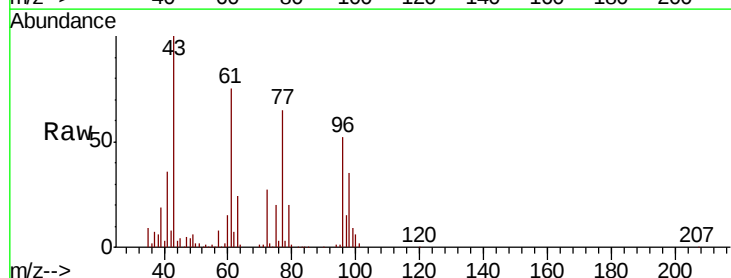
Acq: 07 Feb 2020 13:22

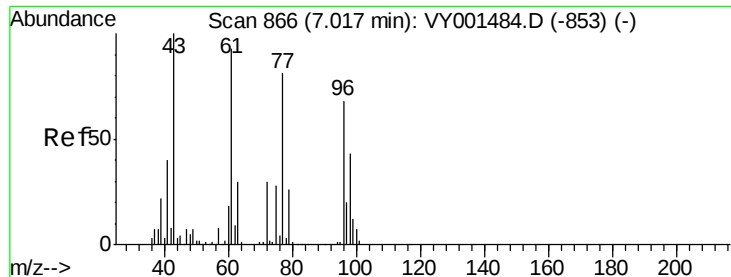
Tgt Ion: 77 Resp: 170867

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

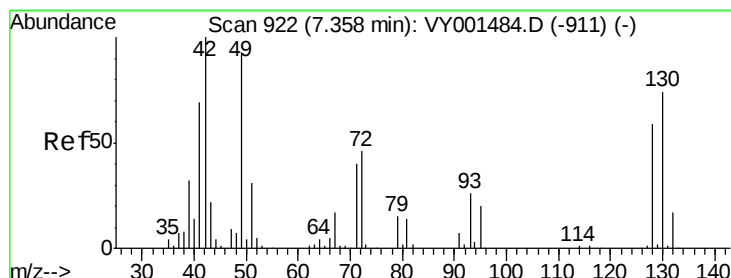
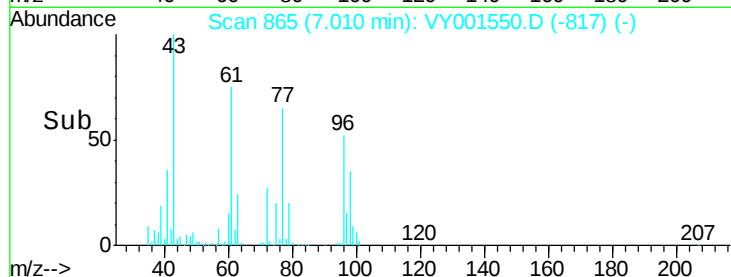
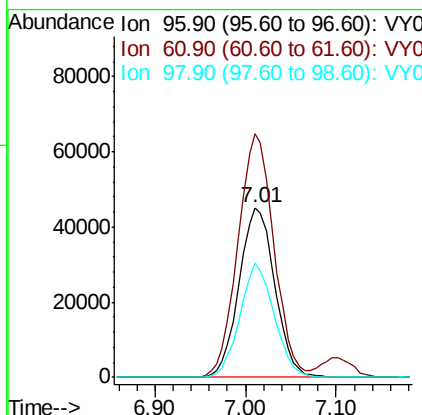
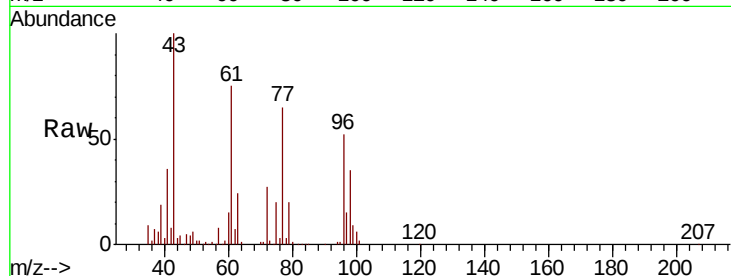
cis-1,2-Dichloroethene
Concen: 46.338 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123107		
61	144.8	0.0	278.8	
98	64.6	0.0	128.8	

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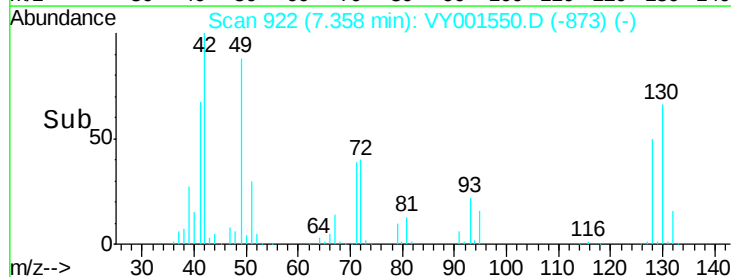
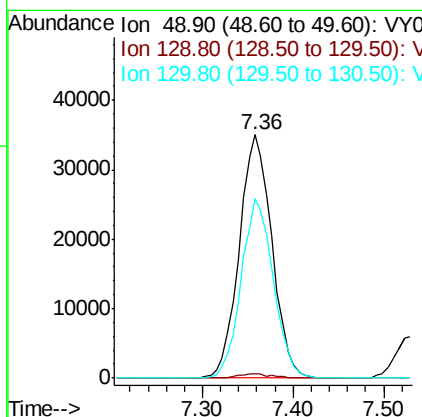
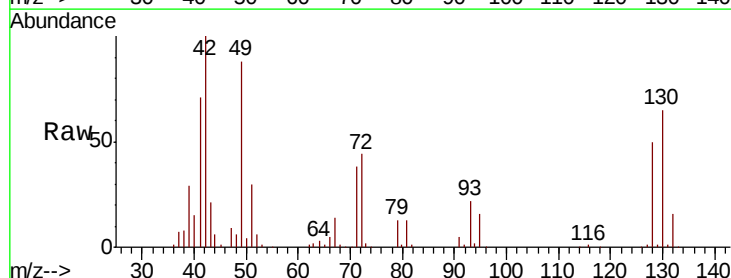
MMDadoda
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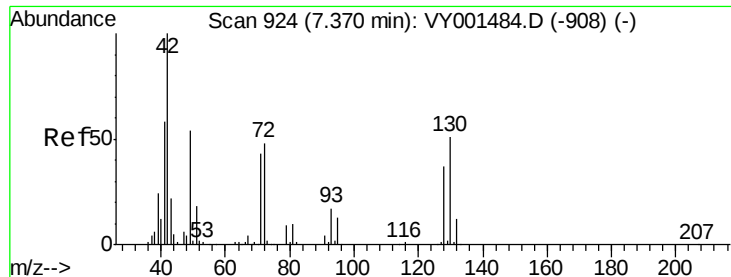


#28

Bromochloromethane
Concen: 64.272 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87335		
129	1.8	0.0	4.8	
130	72.5	65.4	98.2	





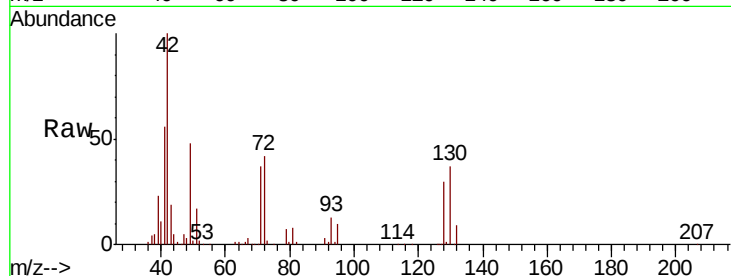
#29
Tetrahydrofuran
Concen: 302.711 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

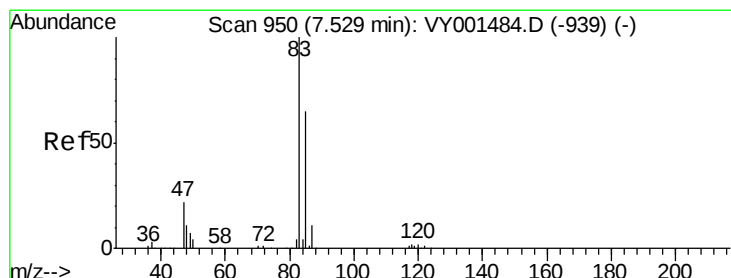
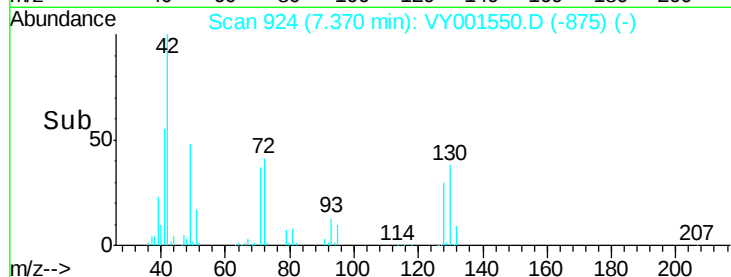
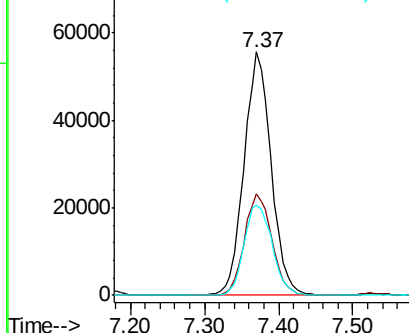
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.8	56.6
71	38.6	34.8	52.2

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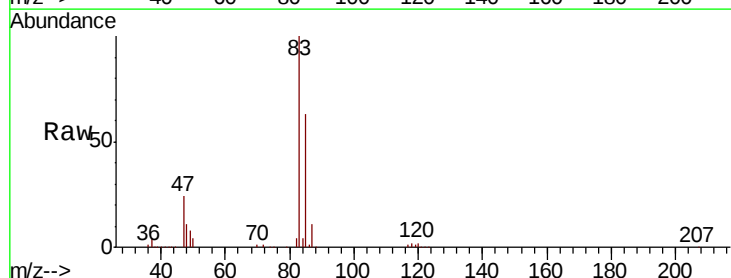


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

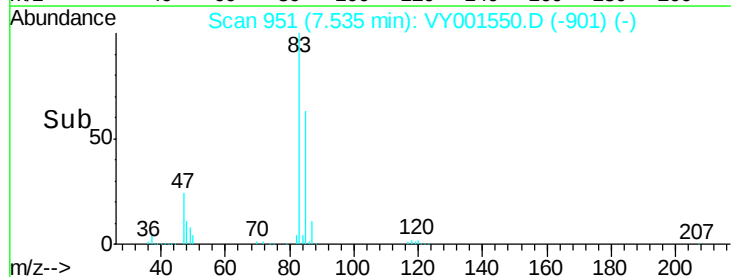
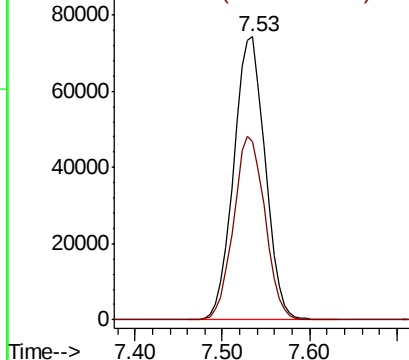


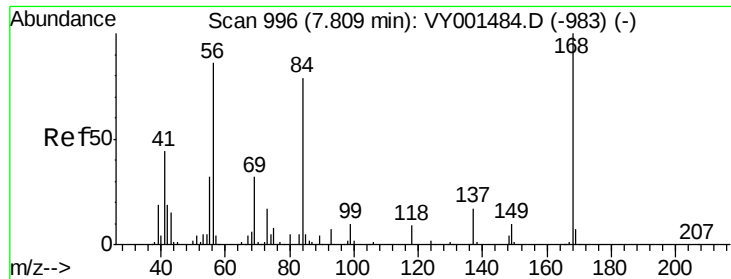
#30
Chloroform
Concen: 45.974 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.4	78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





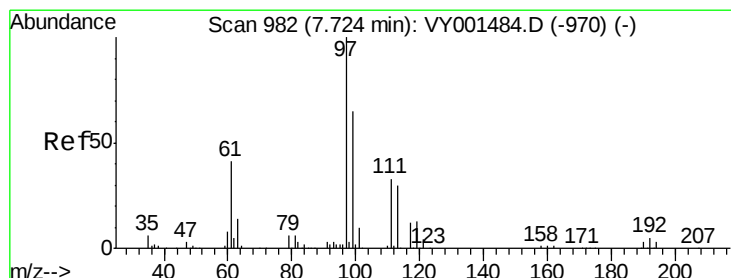
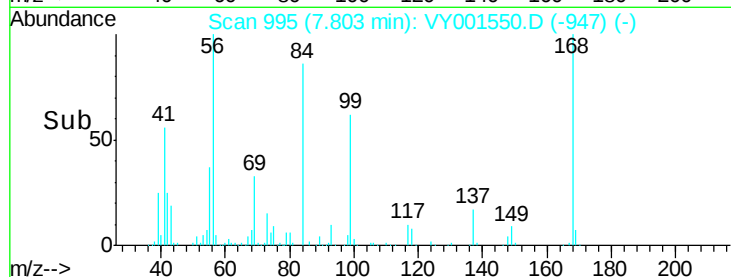
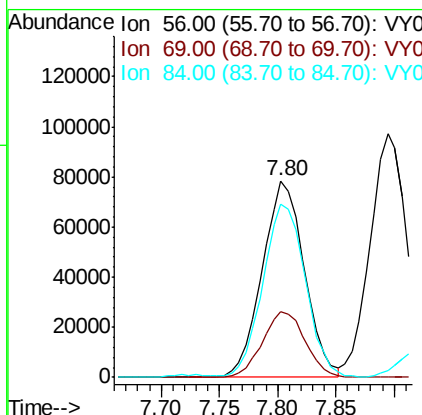
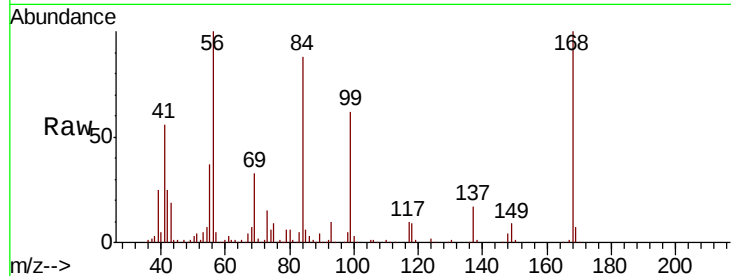
#31
Cyclohexane
Concen: 47.906 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	29.6	44.4
84	87.2	73.6	110.4

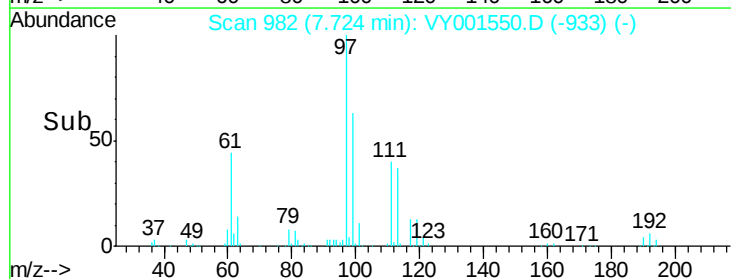
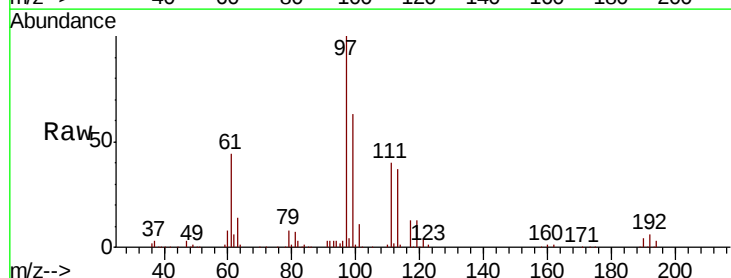
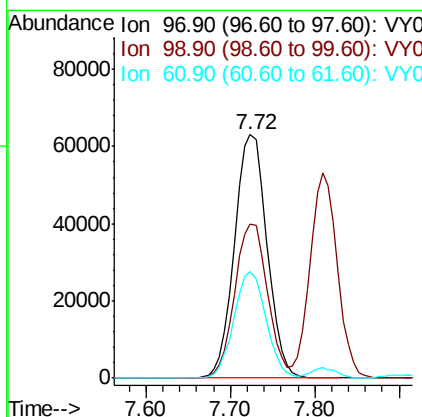
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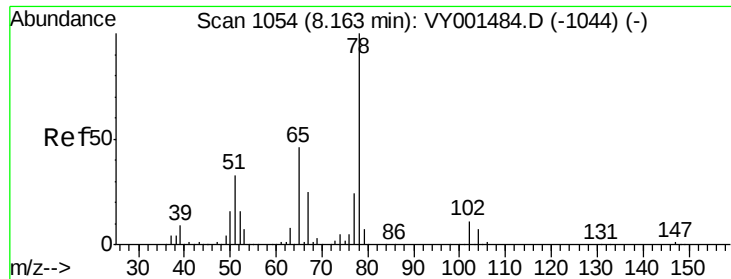
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2/10/2020 11:27:04 AM



#32
1,1,1-Trichloroethane
Concen: 44.838 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.8
61	43.4	32.5	48.7





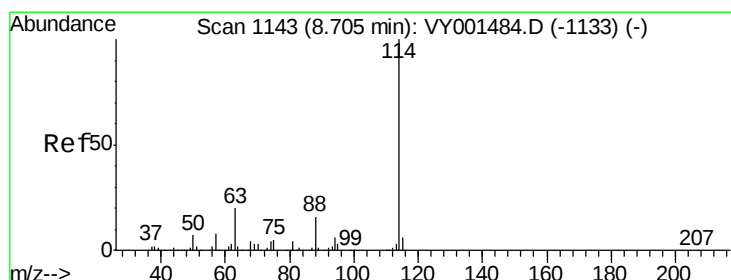
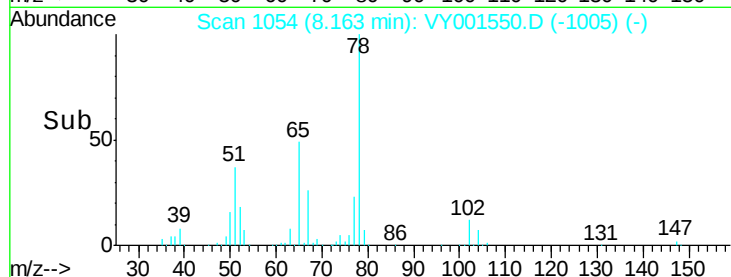
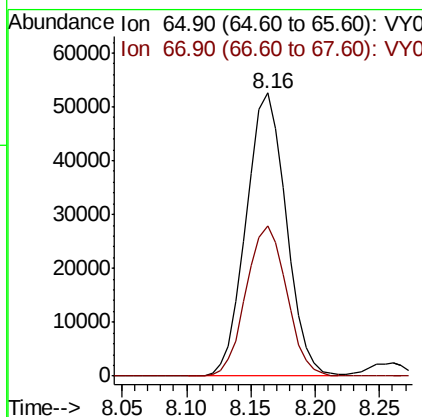
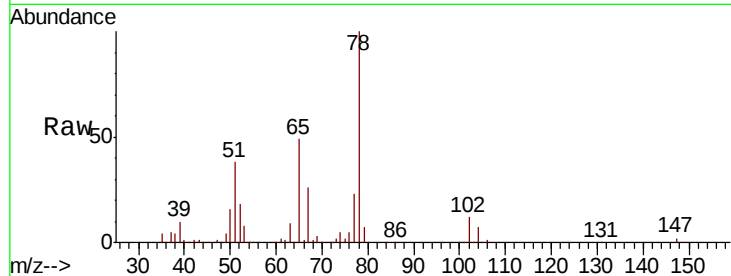
#33
 1,2-Dichloroethane-d4
 Concen: 54.181 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	108.6	

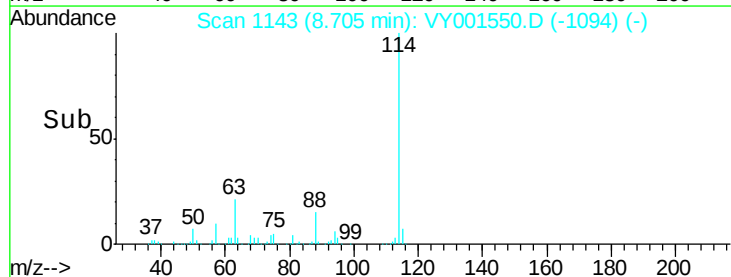
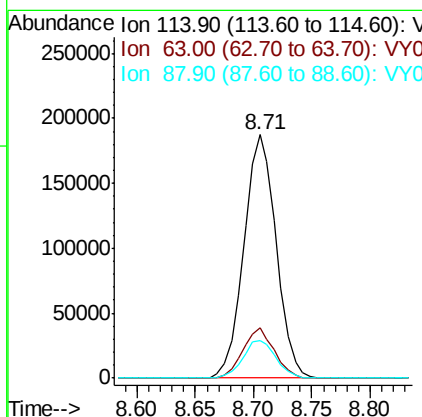
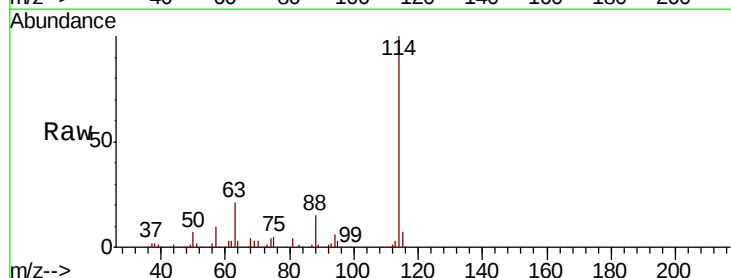
Manual Integrations
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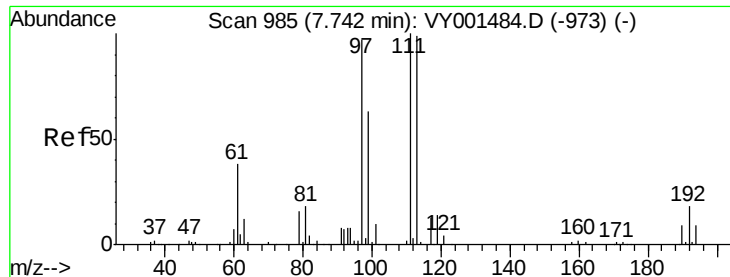
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	39.8	
88	15.4	0.0	32.6	





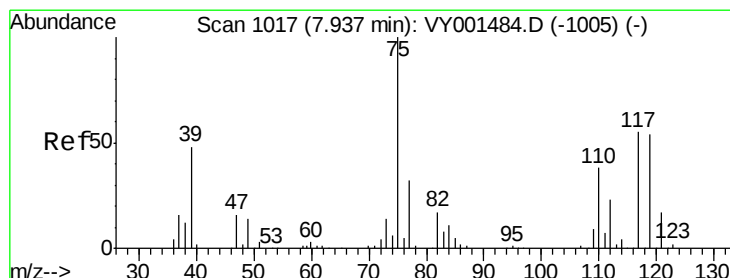
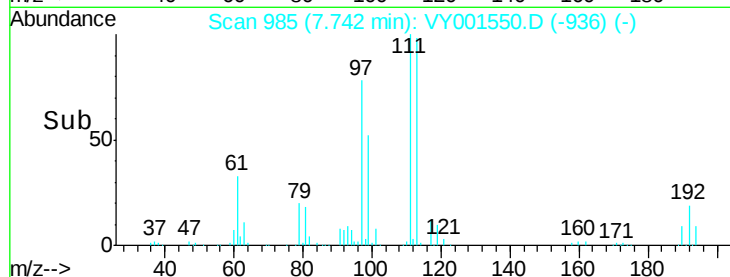
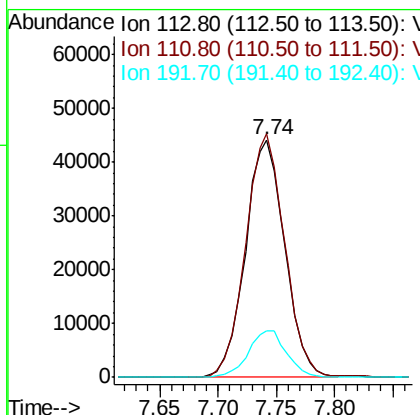
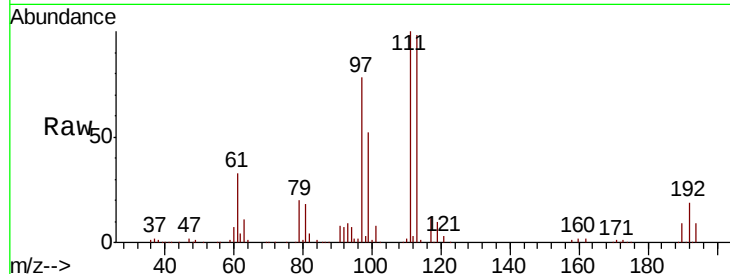
#35
 Dibromofluoromethane
 Concen: 49.939 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.1	14.6	22.0

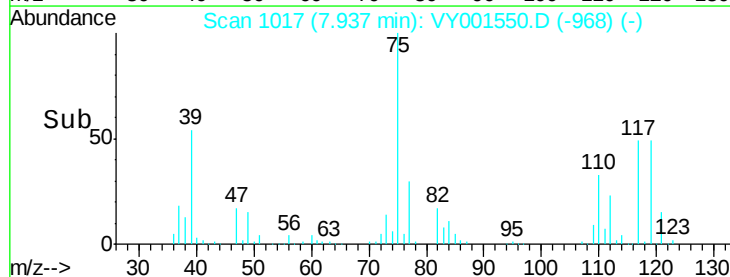
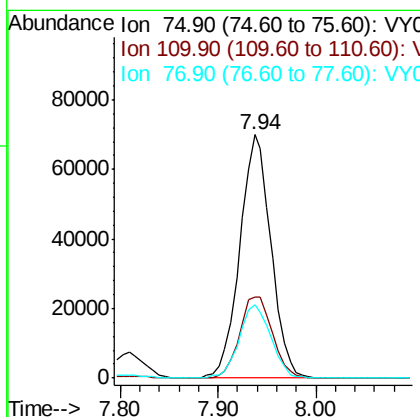
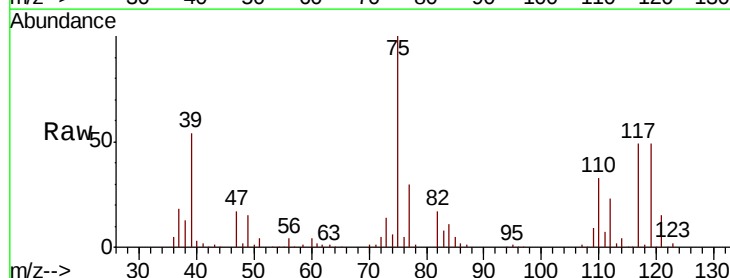
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#36
 1,1-Dichloropropene
 Concen: 46.696 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.2	54.6
77	30.8	25.0	37.4





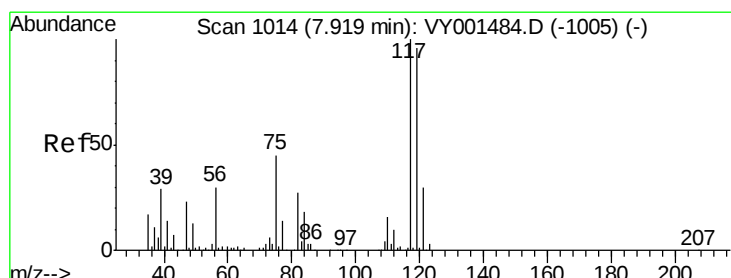
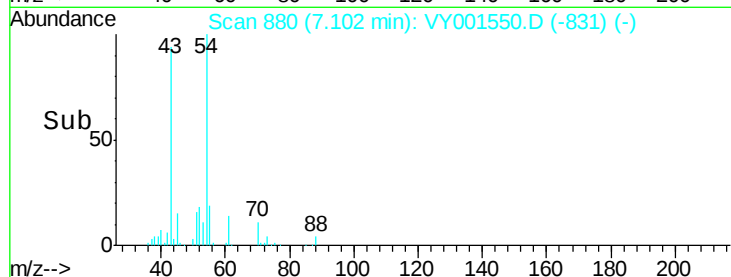
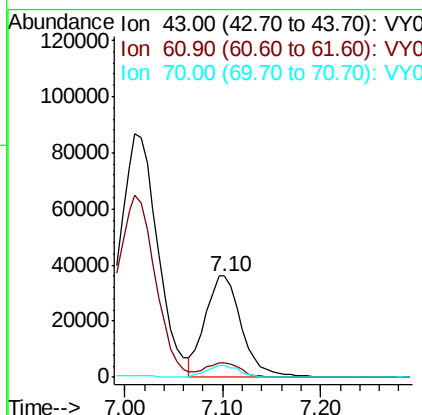
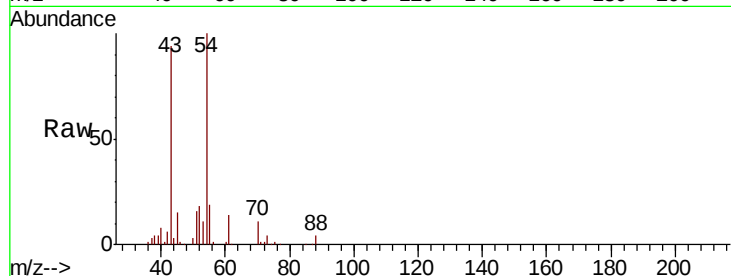
#37
Ethyl Acetate
Concen: 58.031 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.0	18.0
70	10.9	10.2	15.4

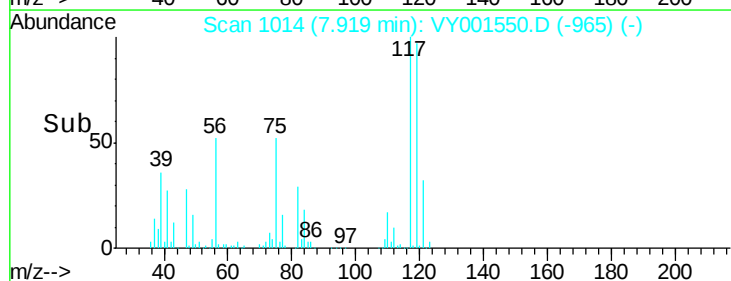
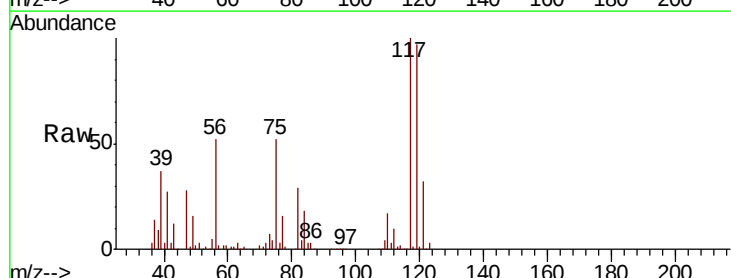
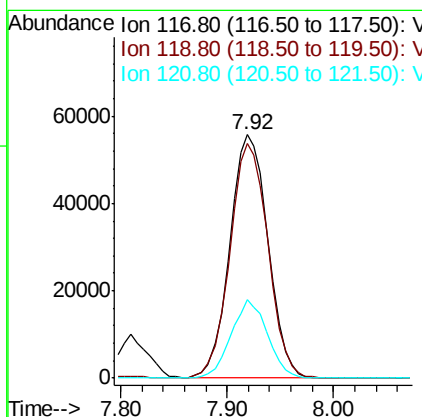
Manual Integrations
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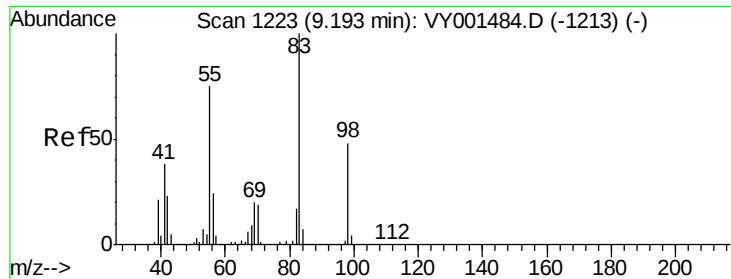
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#38
Carbon Tetrachloride
Concen: 43.776 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.4	114.6
121	32.4	24.2	36.4





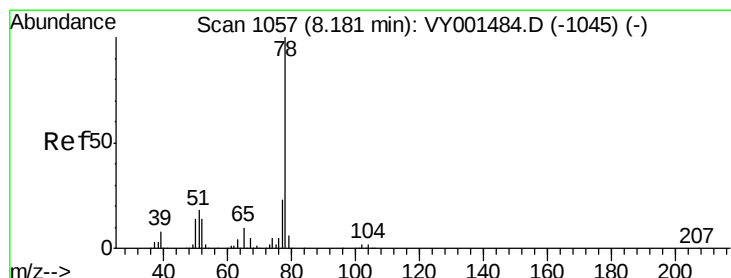
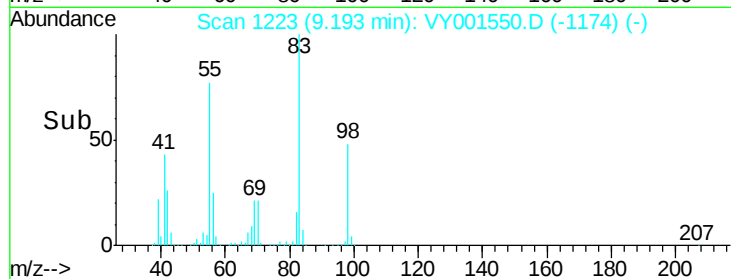
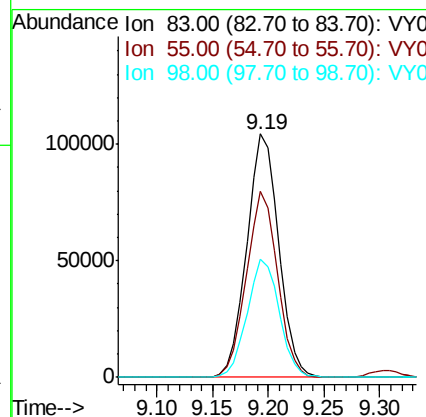
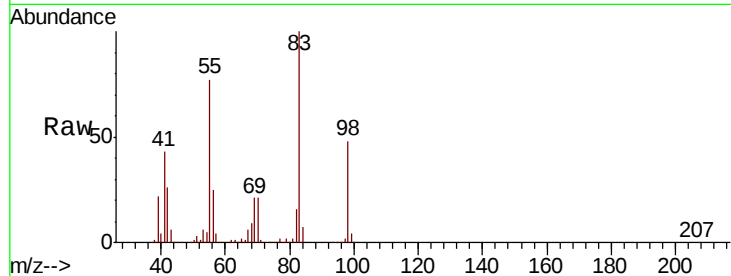
#39
Methvlcvclohexane
Concen: 47.786 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.8	89.6
98	48.4	38.6	57.8

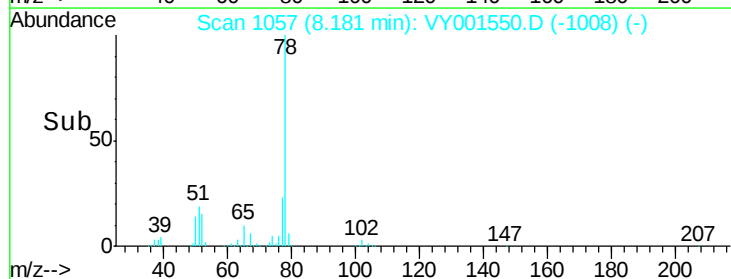
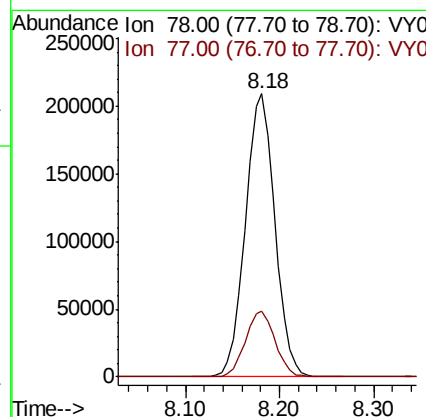
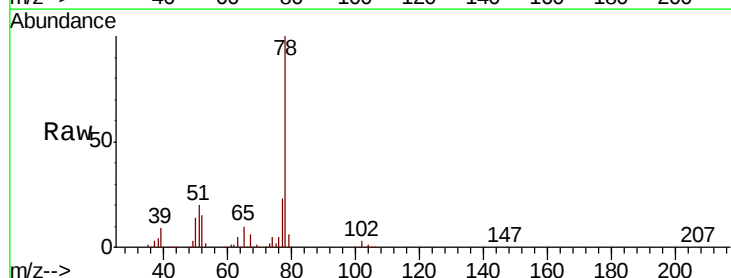
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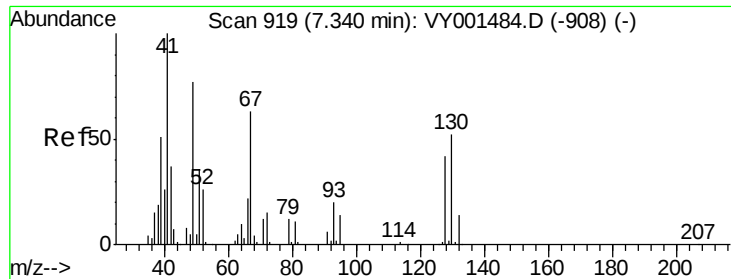
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#40
Benzene
Concen: 48.561 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7





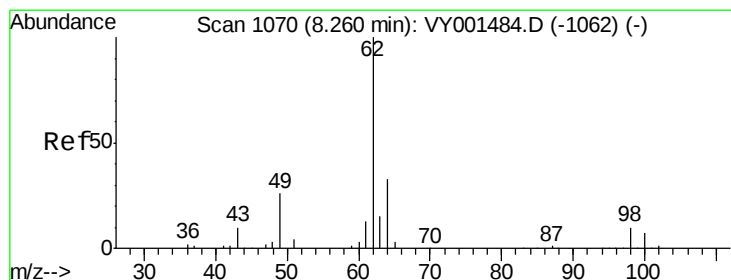
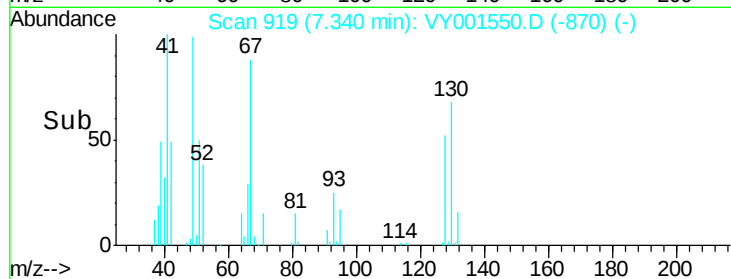
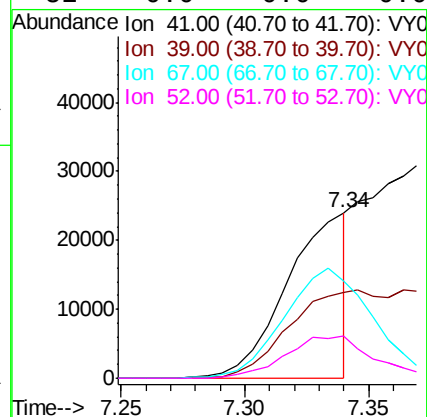
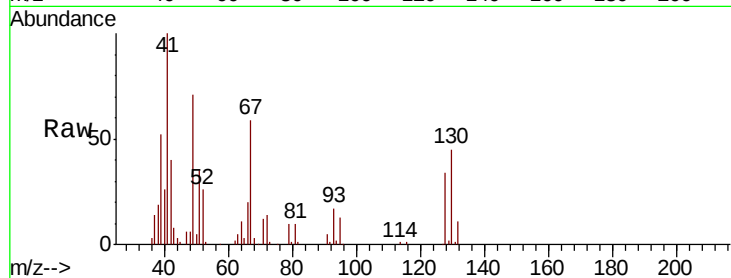
#41
Methacrylonitrile
Concen: 55.085 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	40844
Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

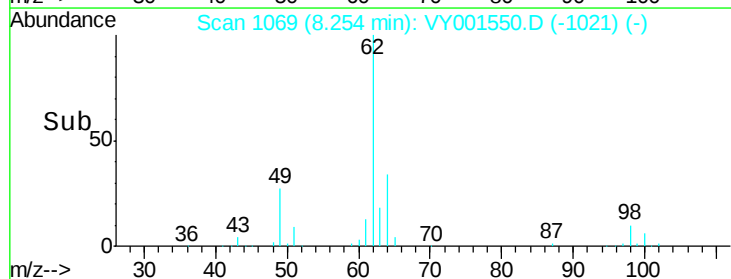
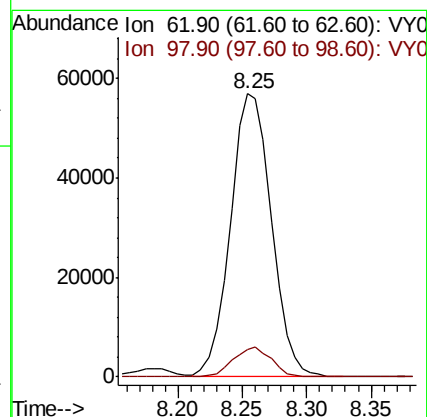
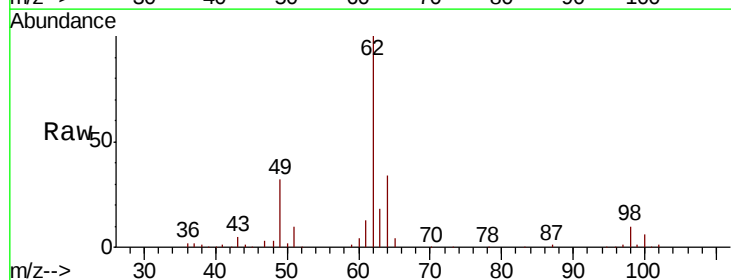
Manual Integrations
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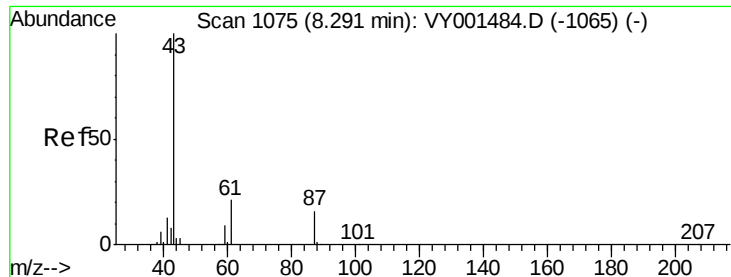
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2/10/2020 11:27:04 AM



#42
1,2-Dichloroethane
Concen: 47.881 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion:	62	Resp:	125744
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0





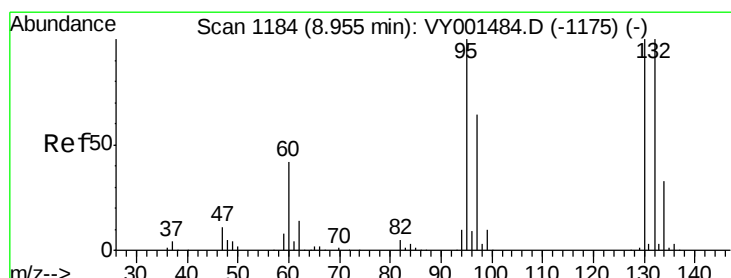
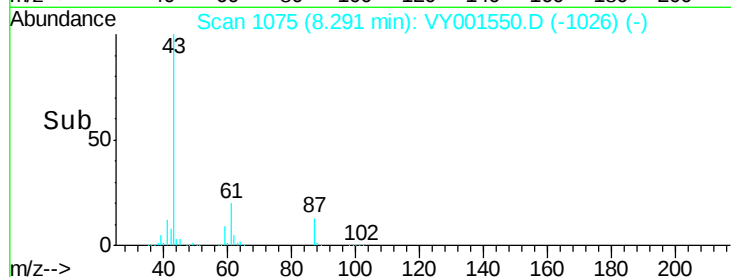
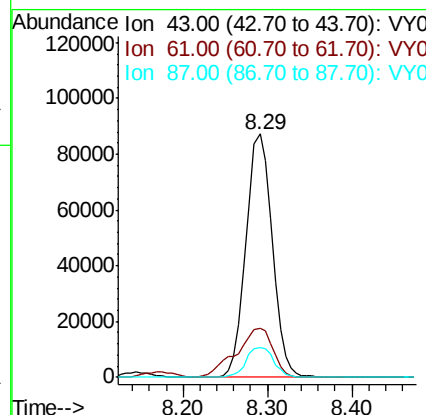
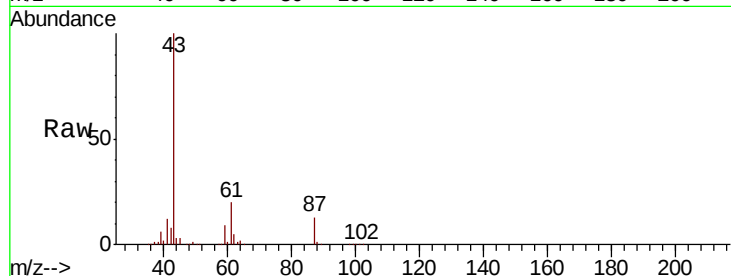
#43
Isopropyl Acetate
Concen: 58.073 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	25.1	37.7
87	13.0	12.6	19.0

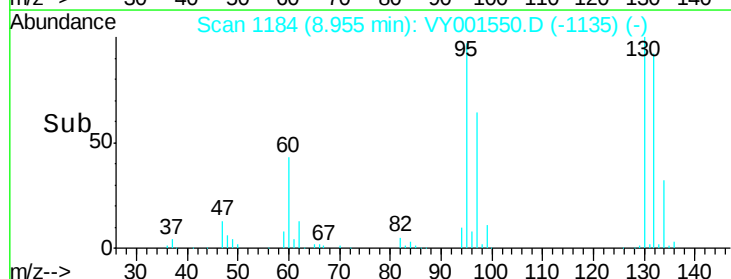
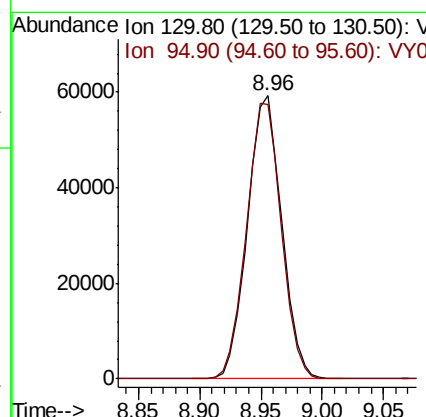
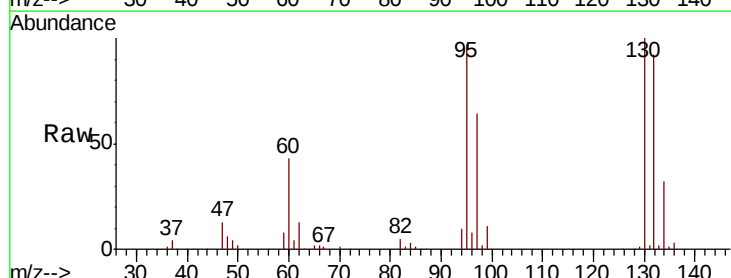
Manual Integrations
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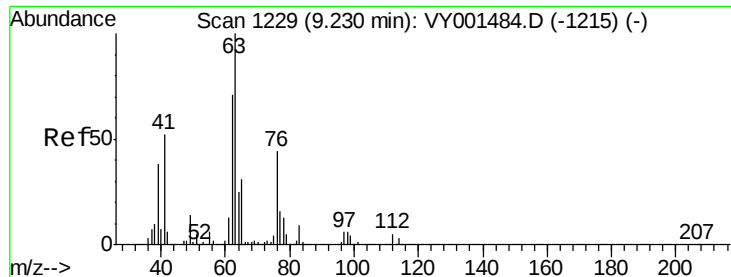
MMDadoda
2/10/2020 11:27:04 AM



#44
Trichloroethene
Concen: 45.485 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	199.2





#45

1,2-Dichloropropane

Concen: 51.146 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 116419

Ion Ratio Lower Upper

63 100

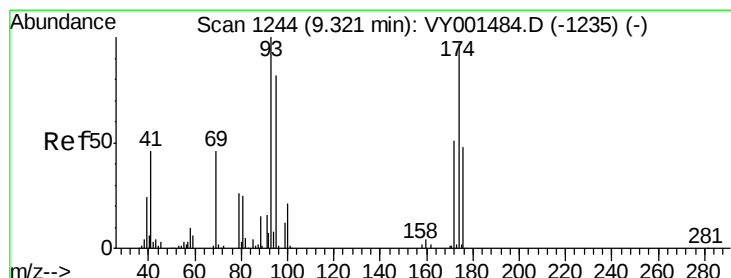
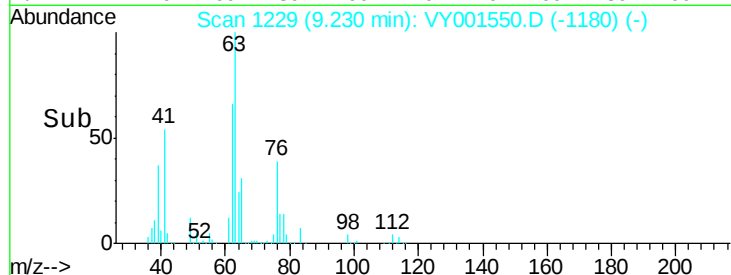
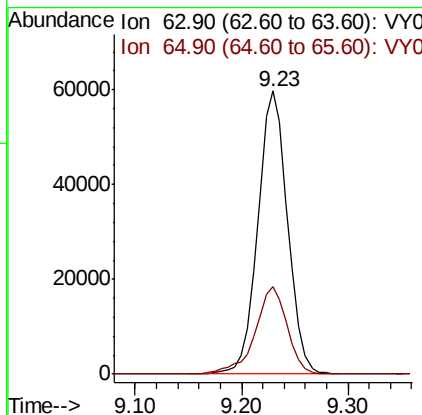
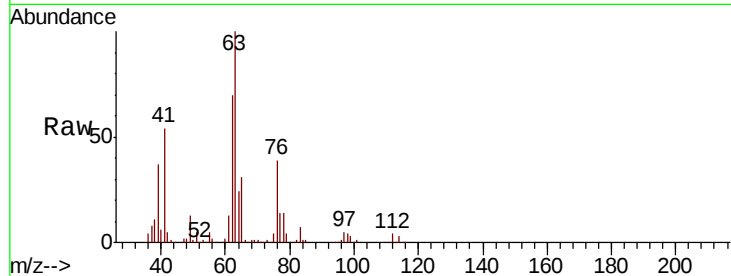
65 31.1 25.0 37.4

Manual Integrations

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MMDadoda

2/10/2020 11:27:04 AM



#46

Dibromomethane

Concen: 48.843 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

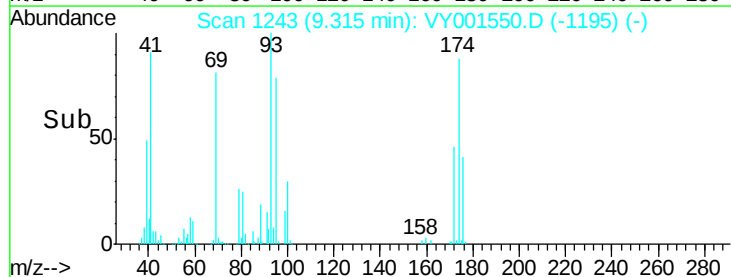
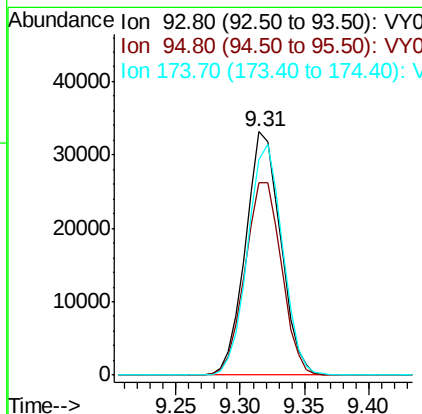
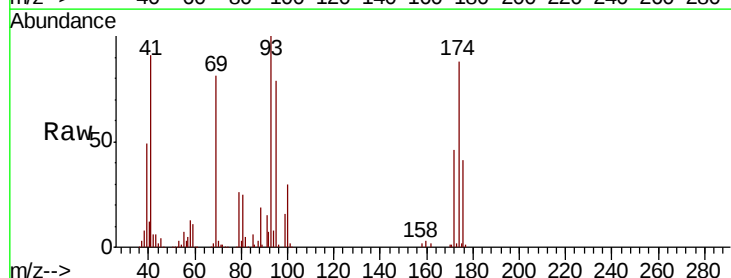
Tgt Ion: 93 Resp: 62429

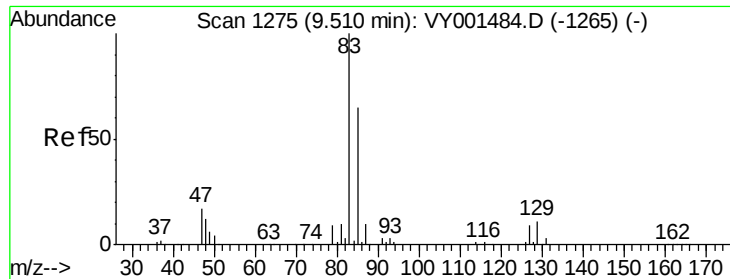
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 94.1 75.4 113.2





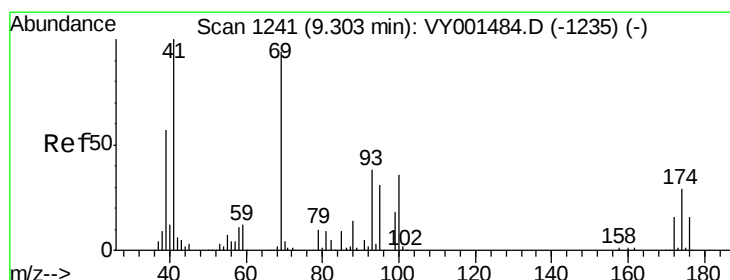
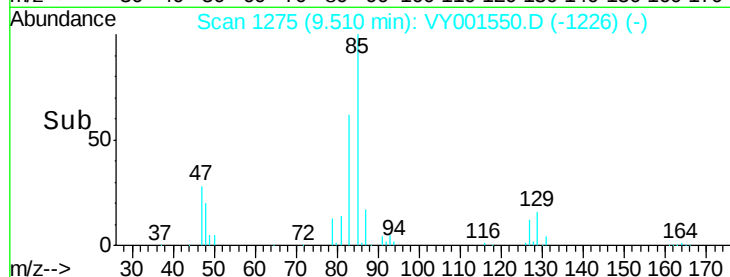
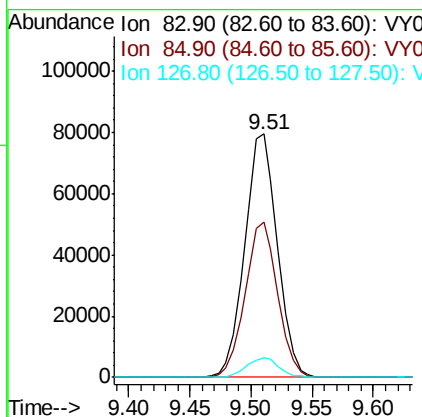
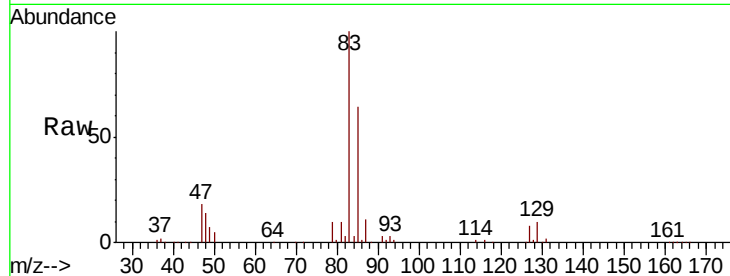
#47
Bromodichloromethane
Concen: 47.292 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	147281		
85	63.8	51.9	77.9	
127	7.8	6.9	10.3	

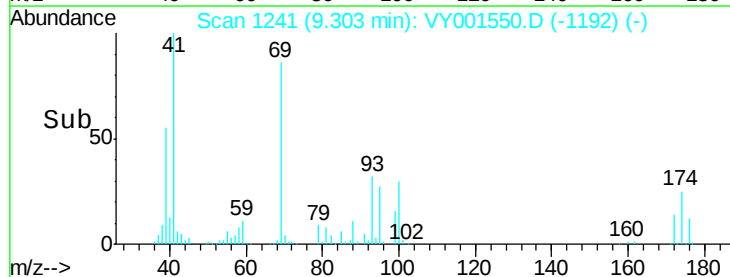
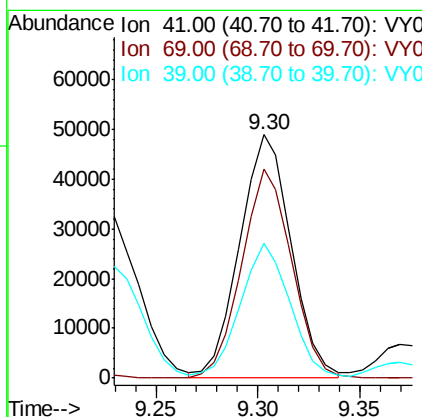
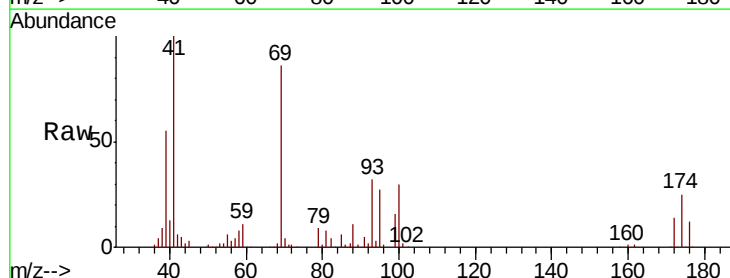
Manual Integrations
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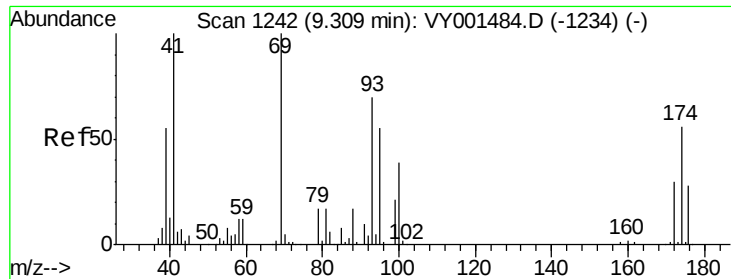
MMDadoda
2/10/2020 11:27:04 AM



#48
Methyl methacrylate
Concen: 59.613 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	85704		
69	84.0	76.6	114.8	
39	51.7	45.4	68.0	





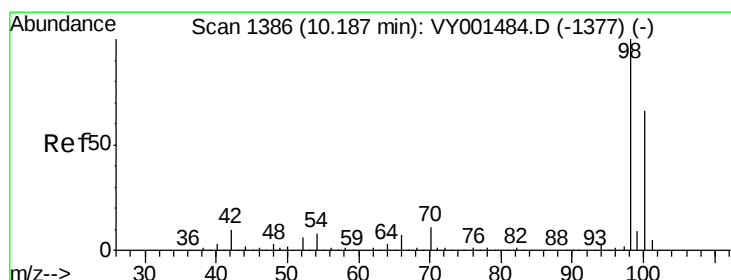
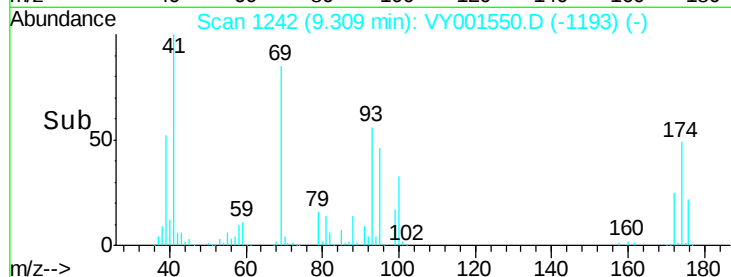
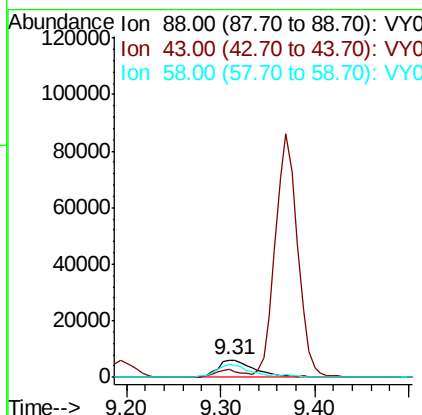
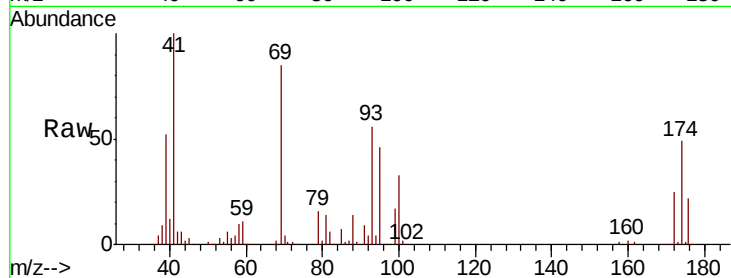
#49
1,4-Dioxane
Concen: 1006.041 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.8	37.2
58	73.1	59.3	88.9

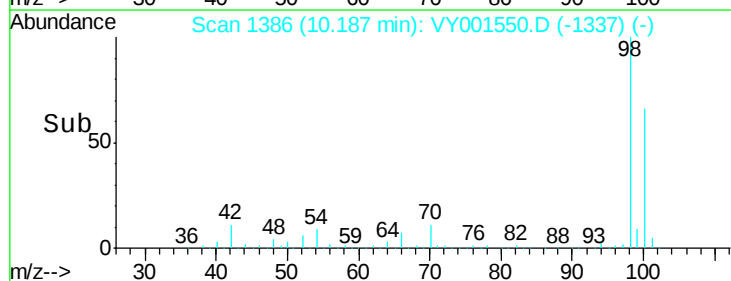
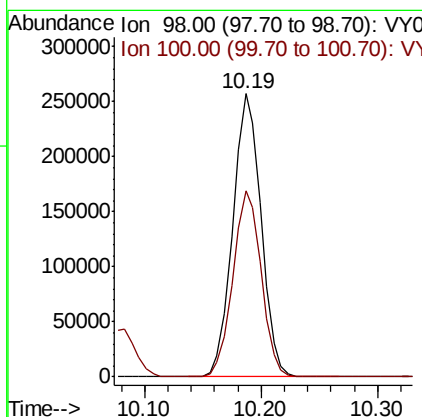
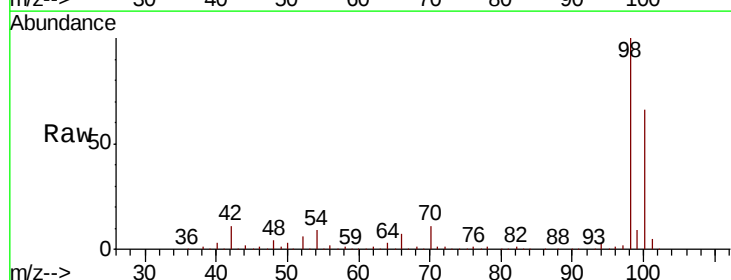
Manual Integrations
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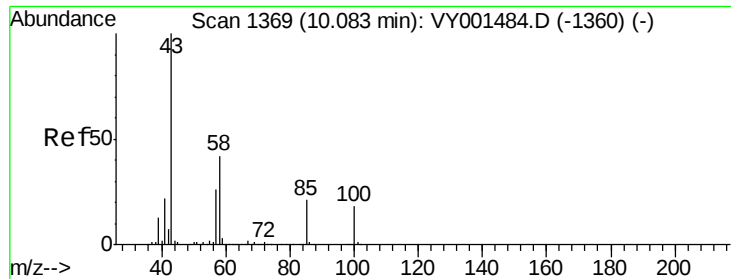
MMDadoda
2/10/2020 11:27:04 AM



#50
Toluene-d8
Concen: 55.174 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 306.035 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 477399

Ion Ratio Lower Upper

43 100

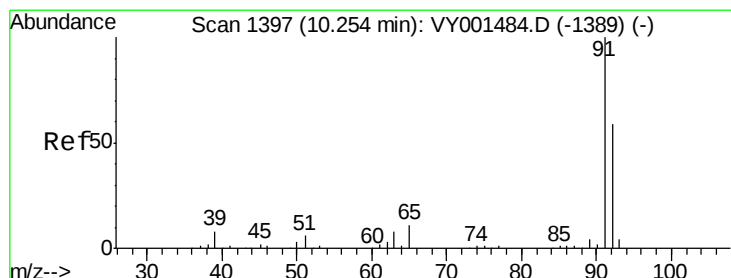
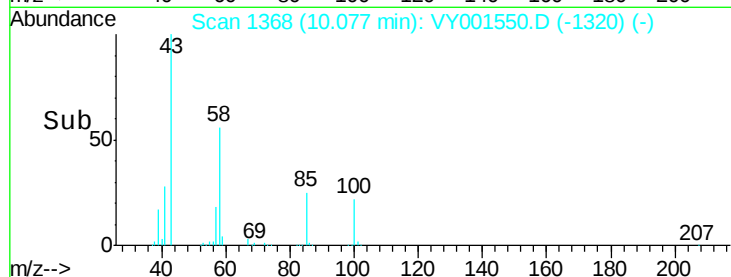
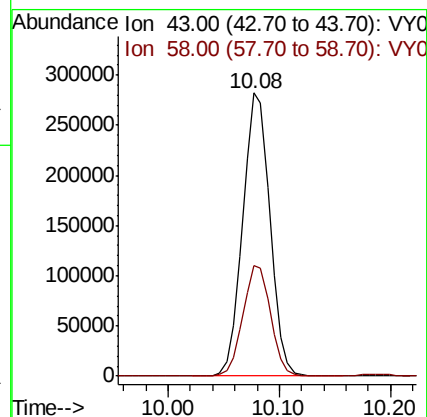
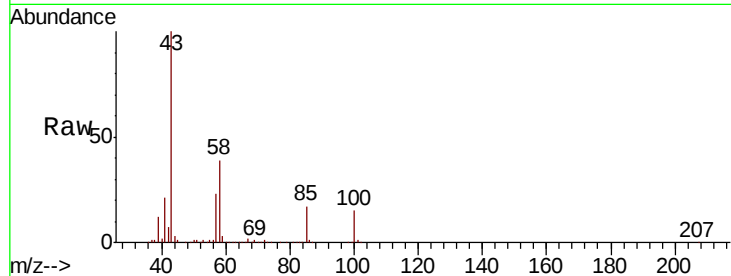
58 39.5 33.9 50.9

Manual Integrations

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MMDadoda

2/10/2020 11:27:04 AM



#52

Toluene

Concen: 47.780 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001550.D

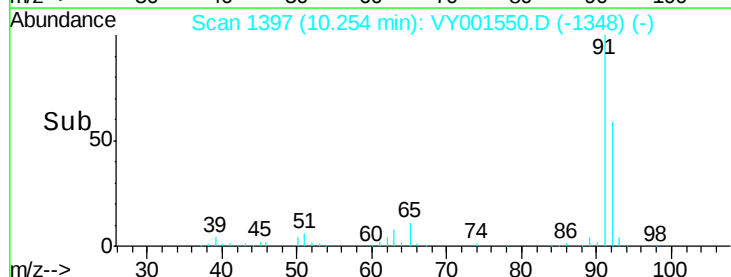
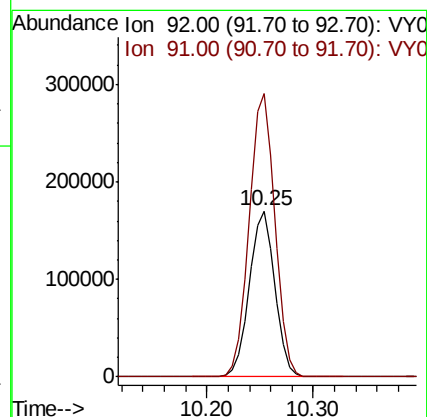
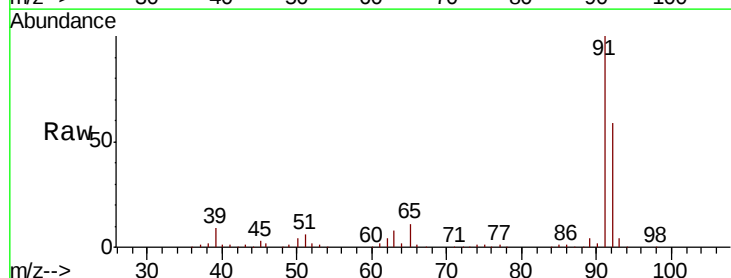
Acq: 07 Feb 2020 13:22

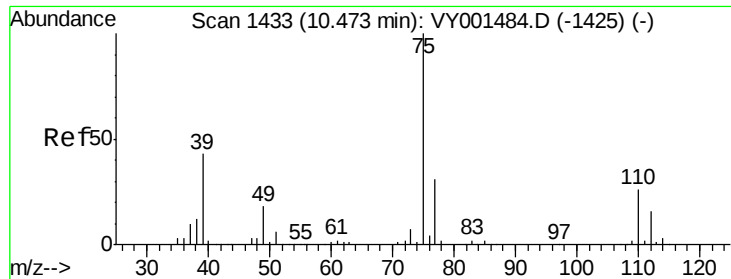
Tgt Ion: 92 Resp: 285776

Ion Ratio Lower Upper

92 100

91 172.5 136.6 204.8





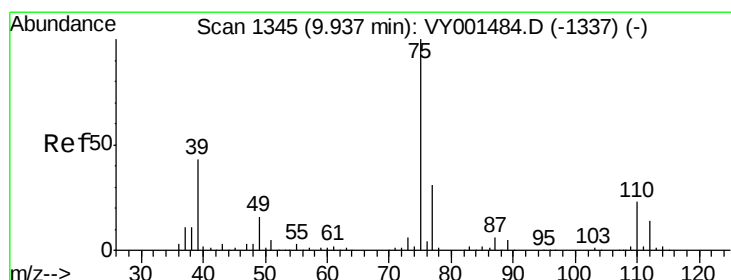
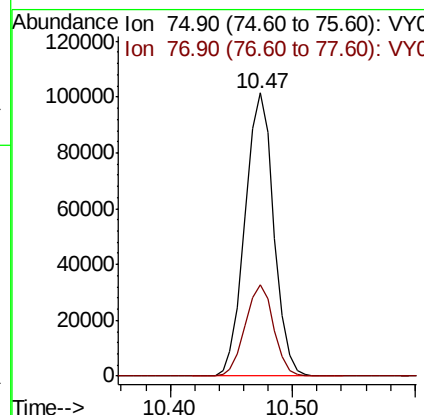
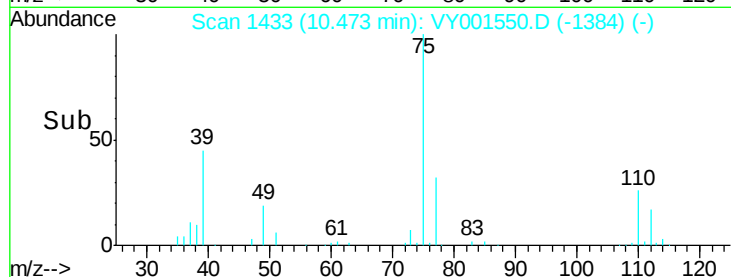
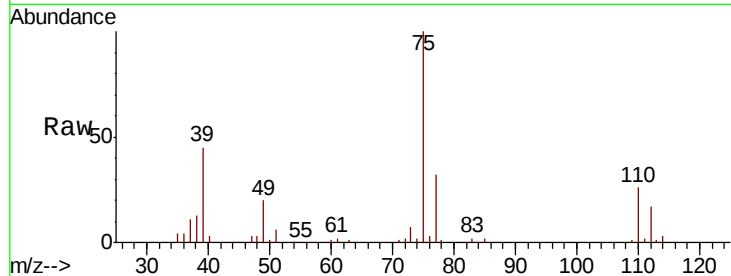
#53
t-1,3-Dichloropropene
Concen: 48.682 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 165131
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3

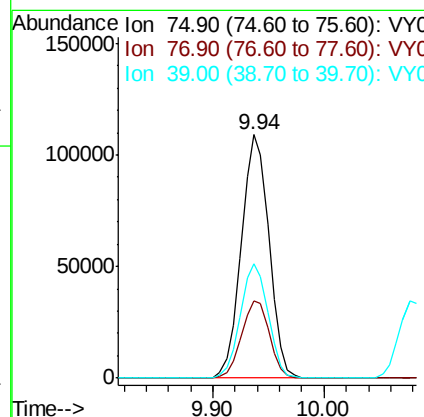
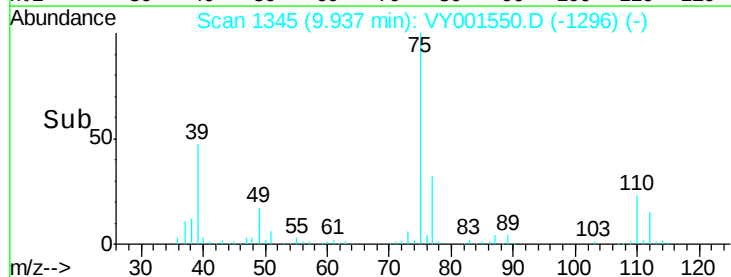
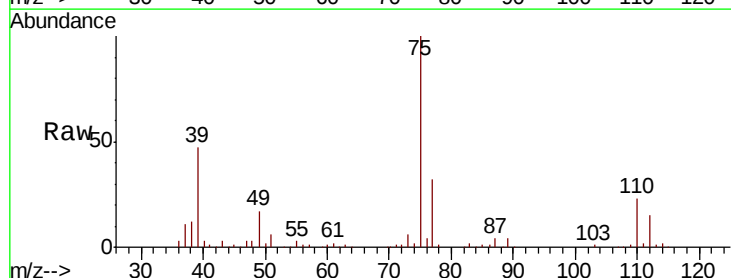
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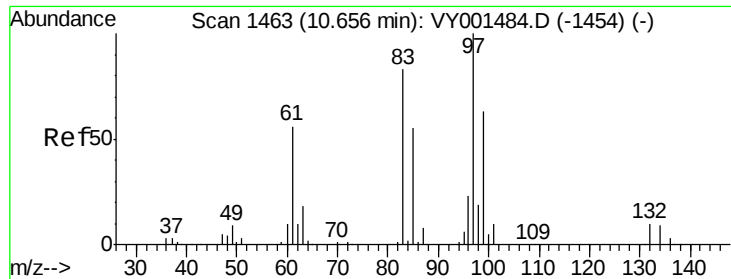
MMDadoda
2/10/2020 11:27:04 AM



#54
cis-1,3-Dichloropropene
Concen: 48.068 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 75 Resp: 187187
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 47.0 34.0 51.0





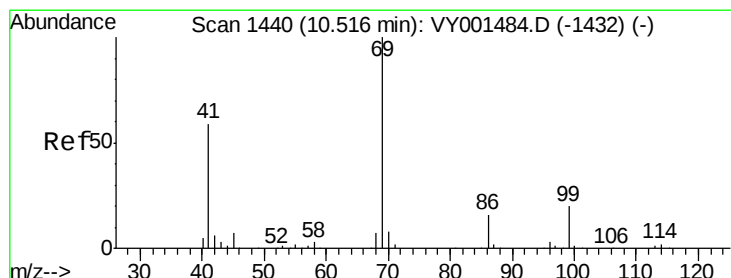
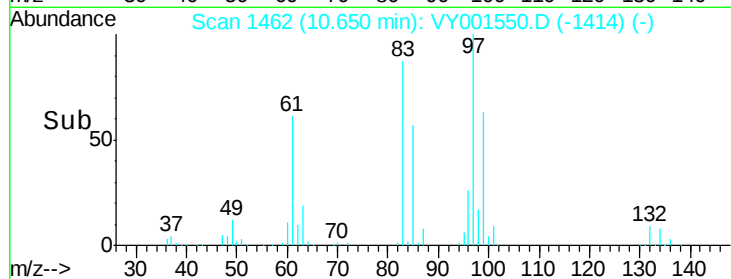
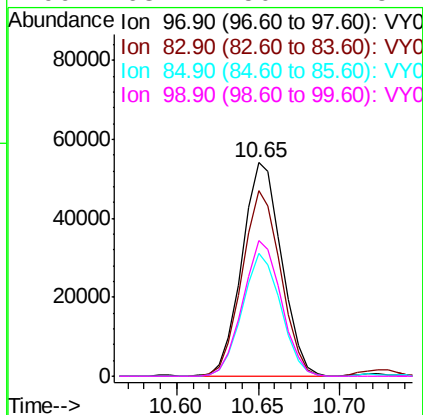
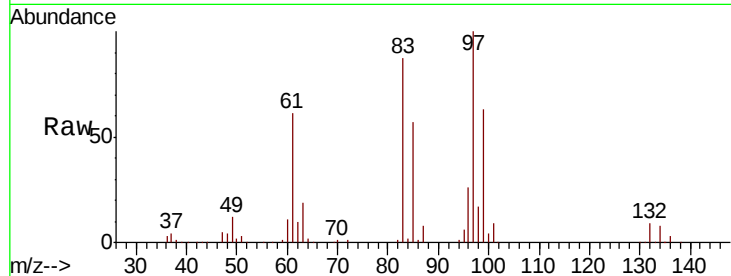
#55
1,1,2-Trichloroethane
Concen: 50.059 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	91801
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.2	99.2
85	57.3	43.8	65.6
99	63.4	50.1	75.1

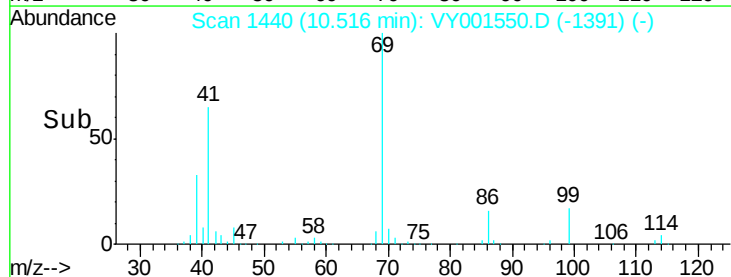
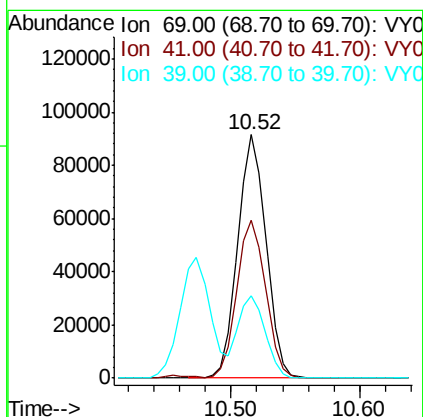
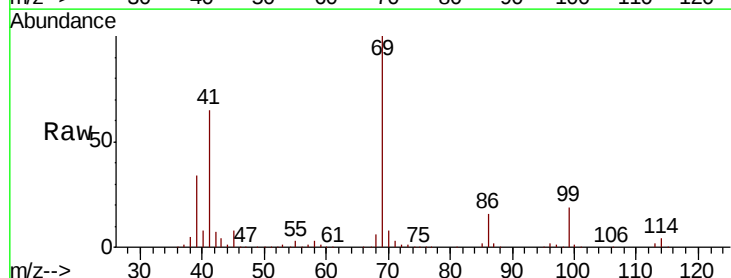
Manual Integrations
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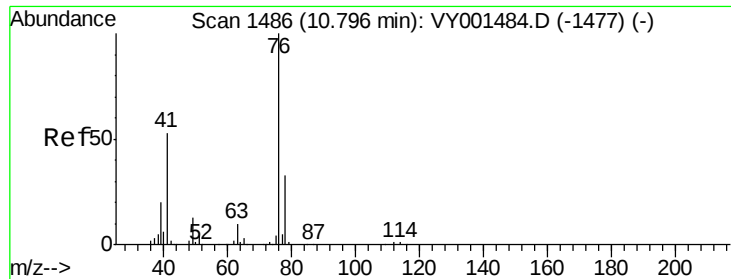
MMDadoda
2/10/2020 11:27:04 AM



#56
Ethyl methacrylate
Concen: 53.427 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion:	69	Resp:	139355
Ion	Ratio	Lower	Upper
69	100		
41	66.1	47.8	71.8
39	32.2	24.4	36.6





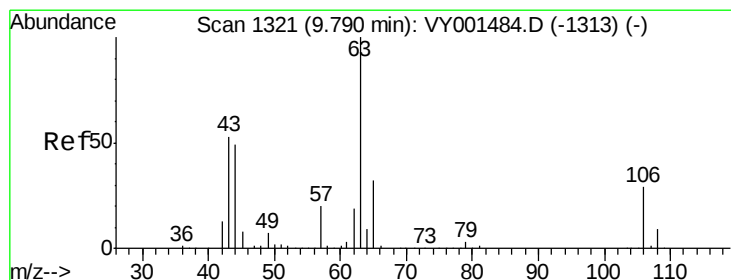
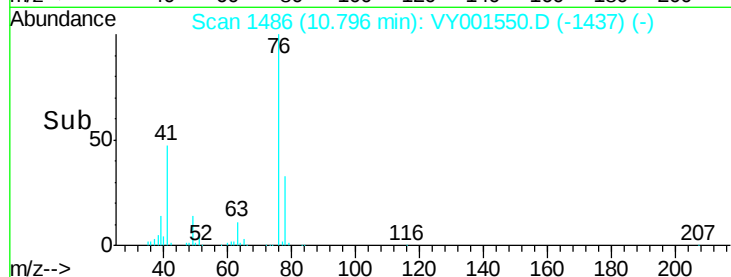
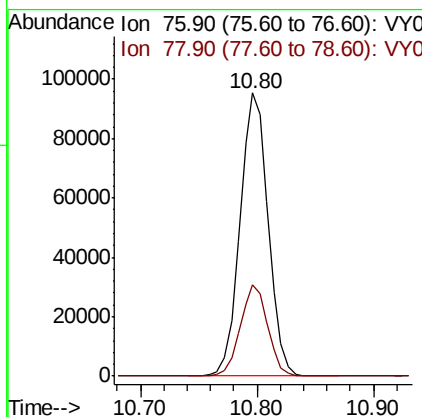
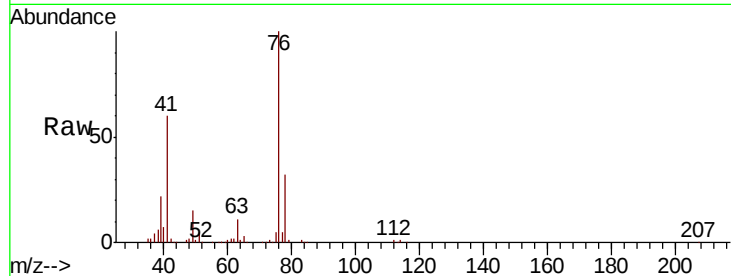
#57
 1,3-Dichloropropane
 Concen: 49.351 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 159535
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

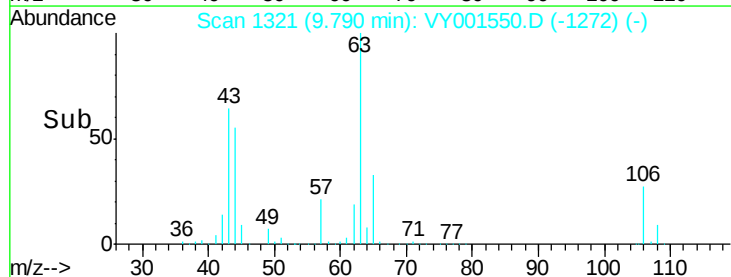
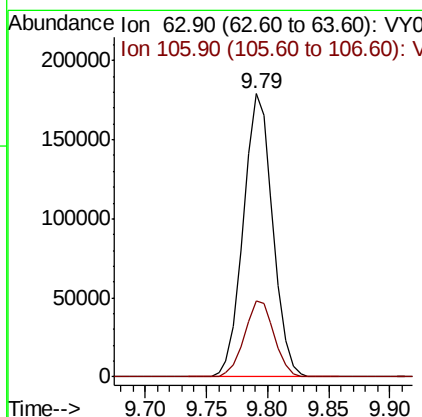
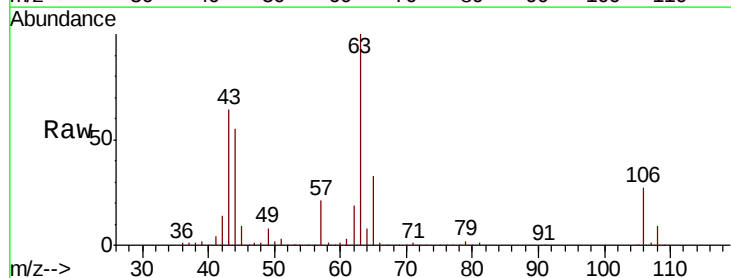
Manual Integrations
 APPROVED

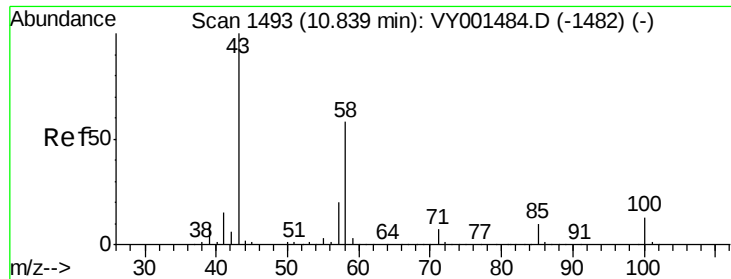
MMDadoda
 2/10/2020 11:27:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 310.241 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 63 Resp: 297688
 Ion Ratio Lower Upper
 63 100
 106 27.2 24.0 36.0





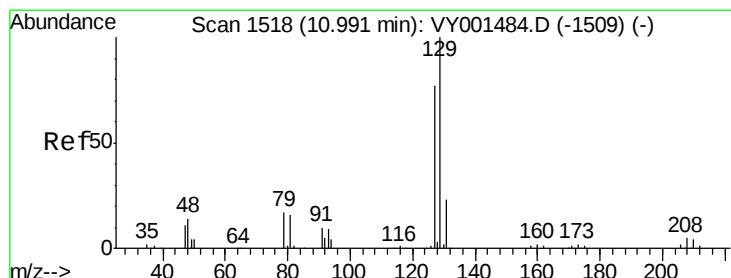
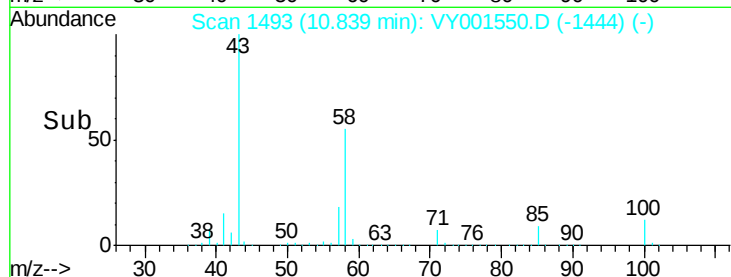
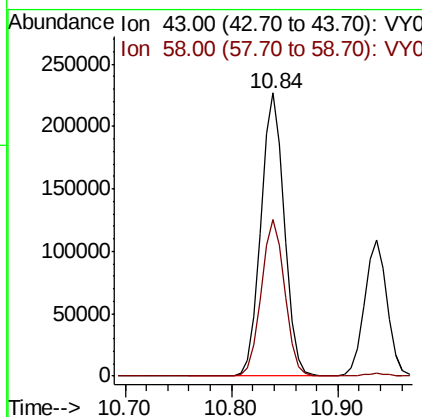
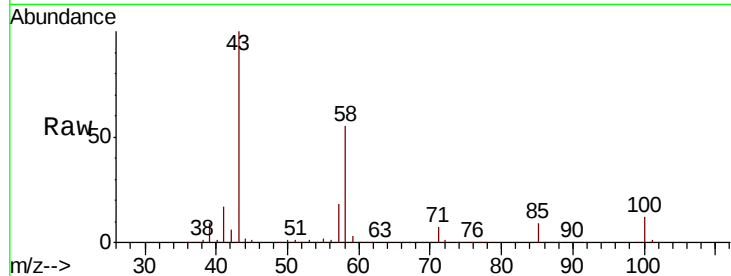
#59
2-Hexanone
Concen: 308.525 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 349935
Ion Ratio Lower Upper
43 100
58 55.4 29.0 87.0

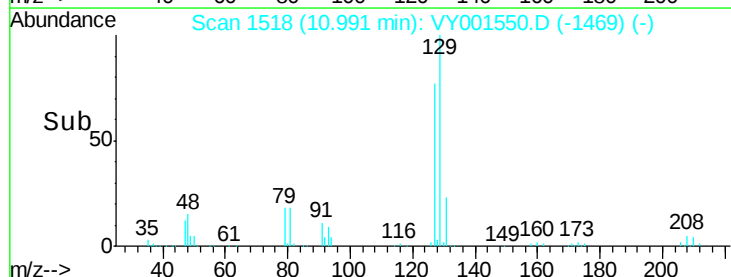
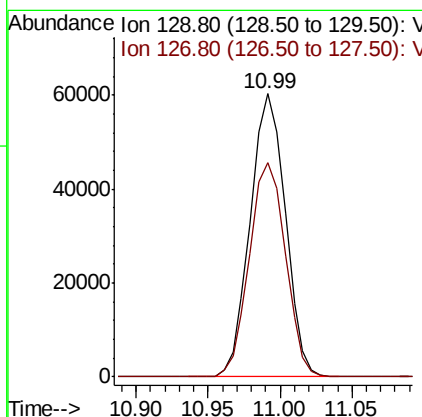
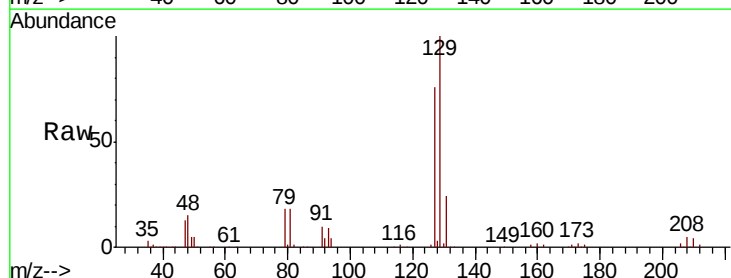
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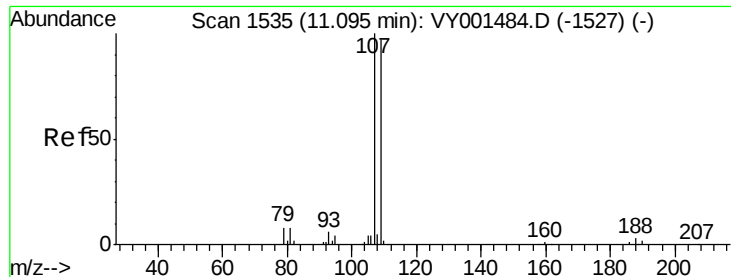
MMDadoda
2/10/2020 11:27:04 AM



#60
Dibromochloromethane
Concen: 47.138 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 129 Resp: 101896
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





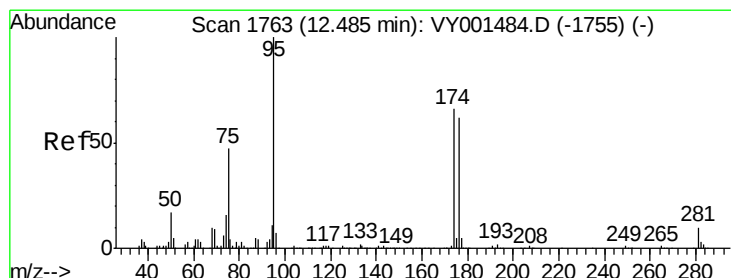
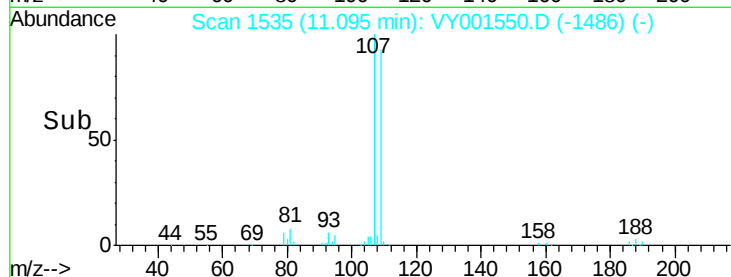
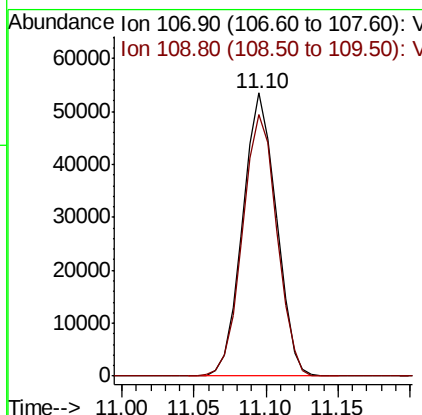
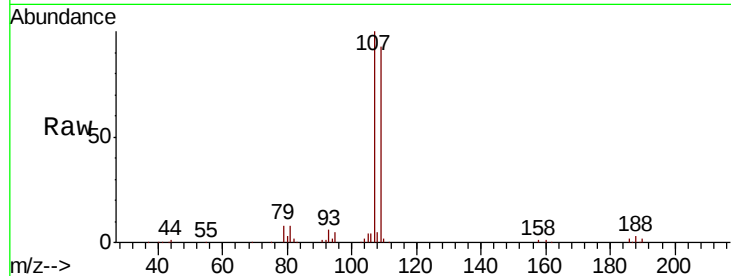
#61
 1,2-Dibromoethane
 Concen: 48.097 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 86875
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.2 114.2

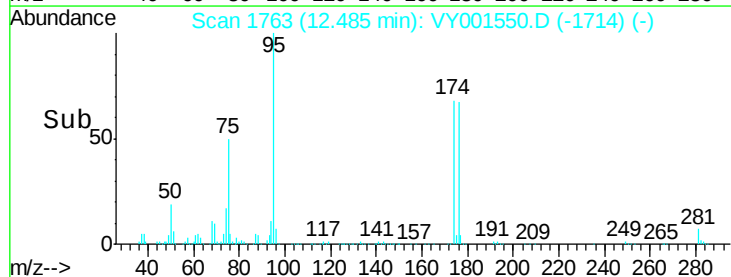
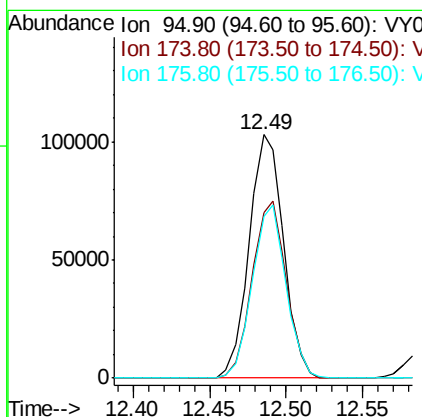
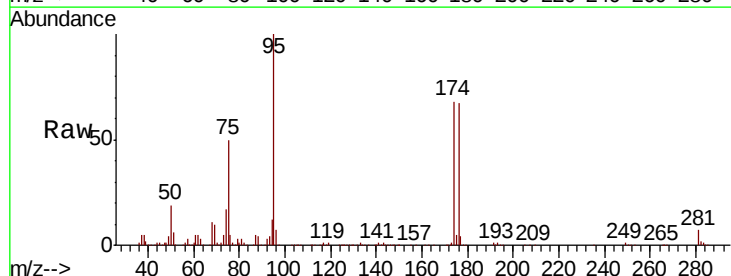
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MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 51.835 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion: 95 Resp: 160941
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 141.4
 176 69.7 0.0 135.4





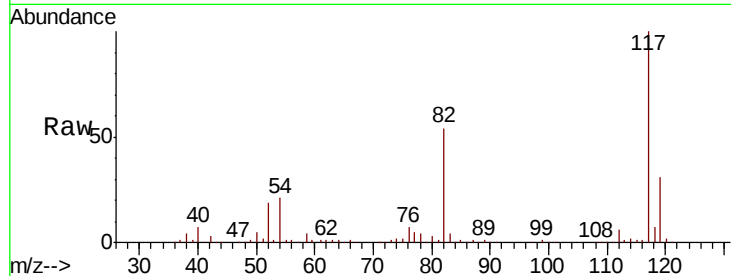
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	46.1	69.1
119	31.5	26.1	39.1

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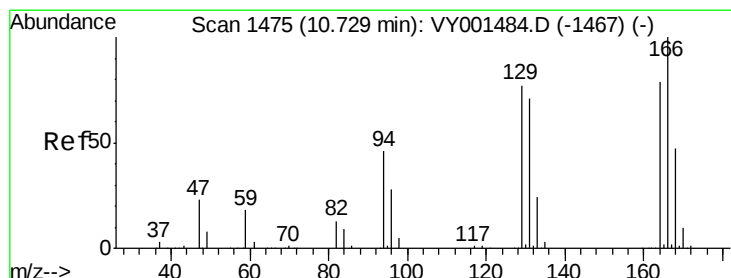
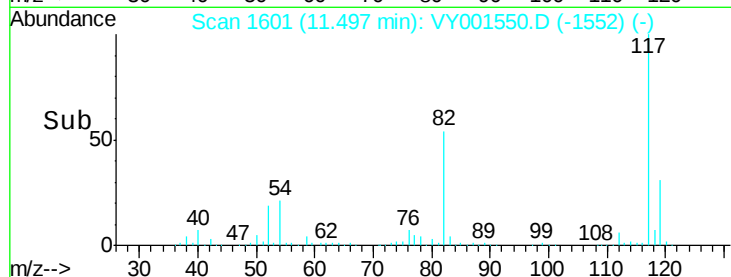
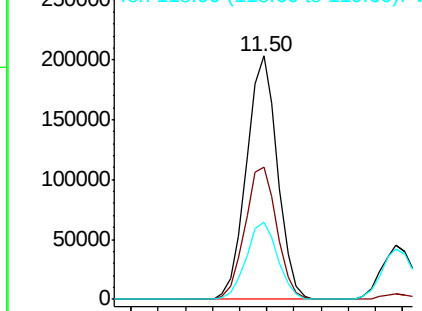


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 43.928 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.8	151.2
129	96.9	77.8	116.6
131	94.6	72.0	108.0

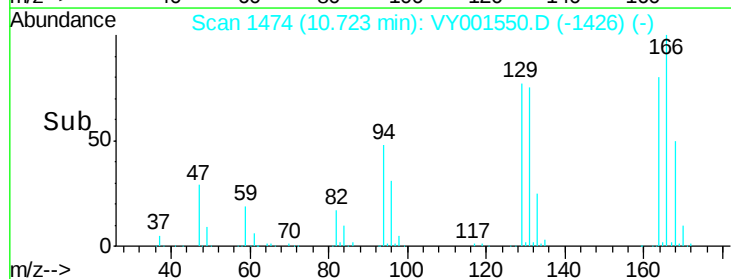
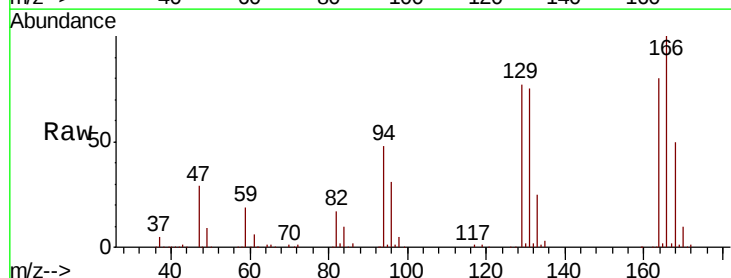
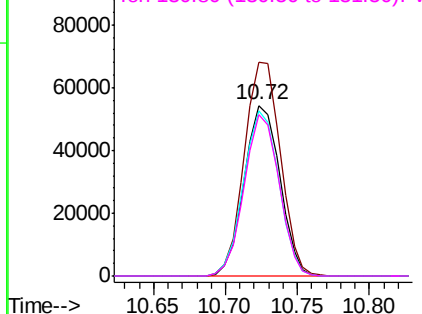
Abundance

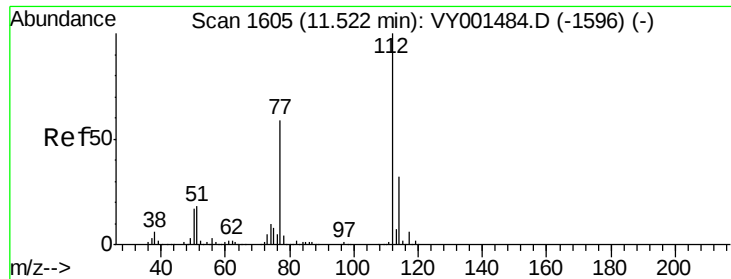
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





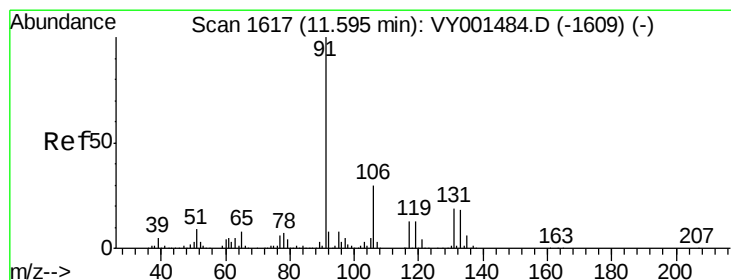
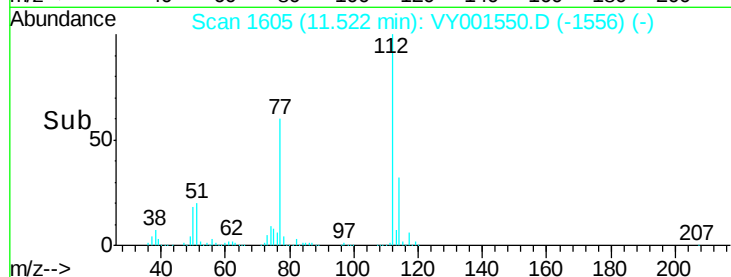
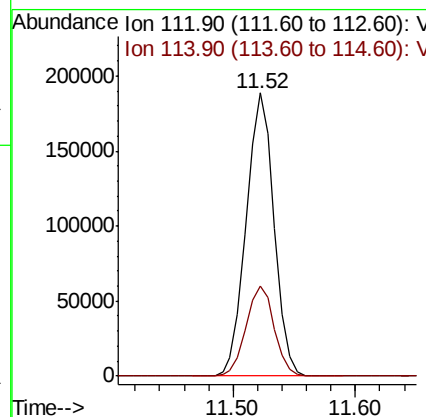
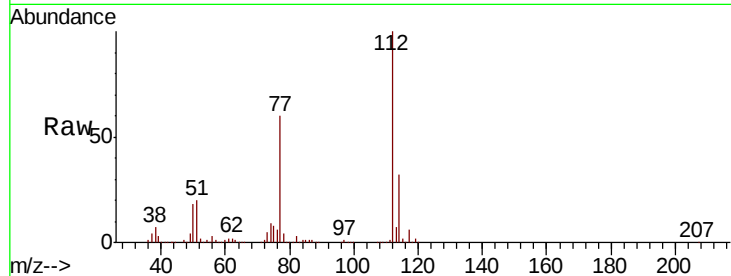
#65
Chlorobenzene
Concen: 46.699 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

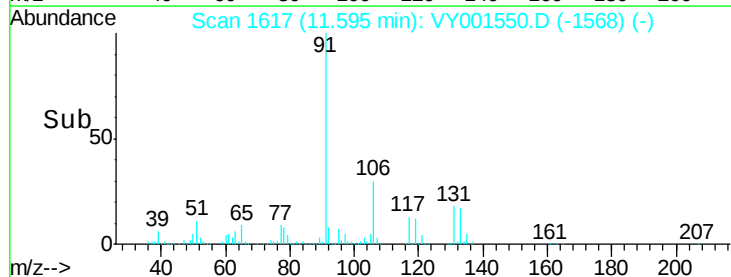
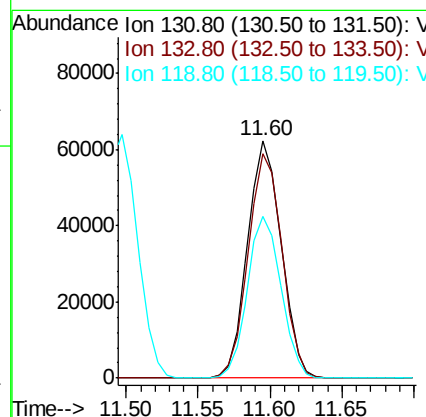
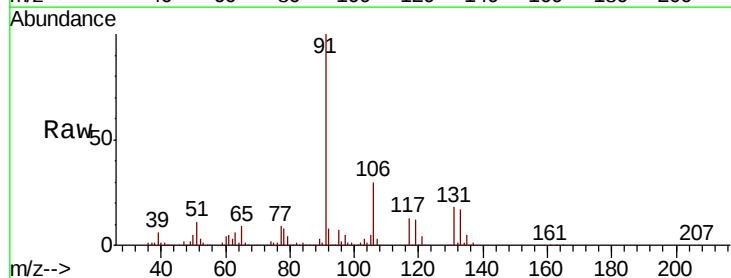
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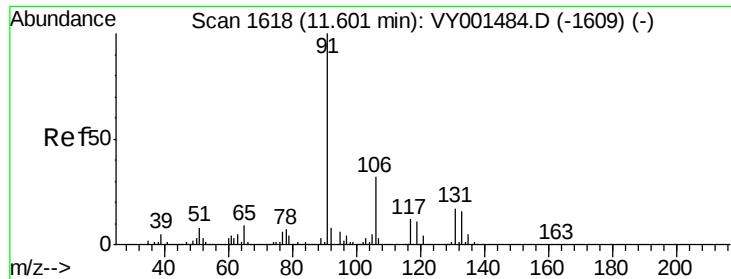
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.388 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.9	143.8
119	68.0	33.7	101.0





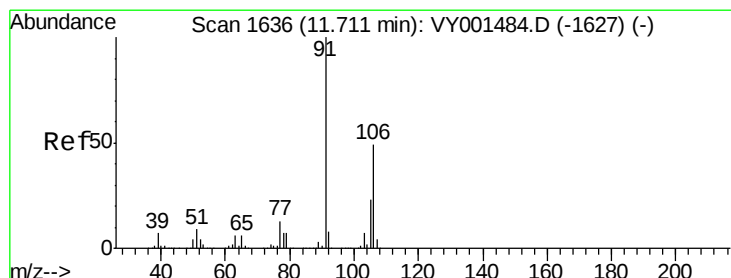
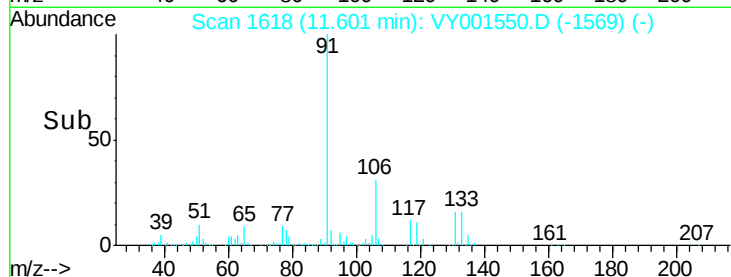
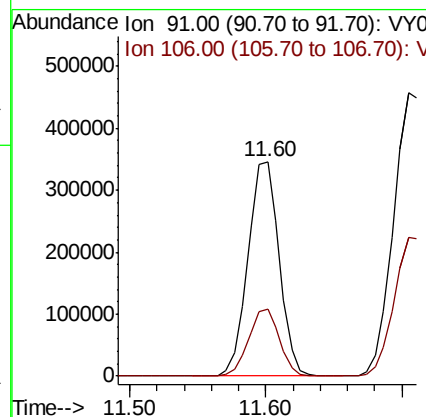
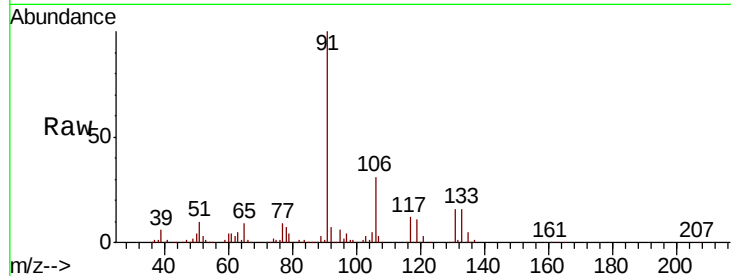
#67
Ethyl Benzene
Concen: 47.135 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 555070
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

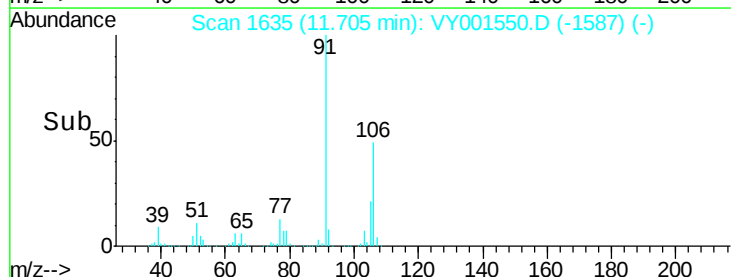
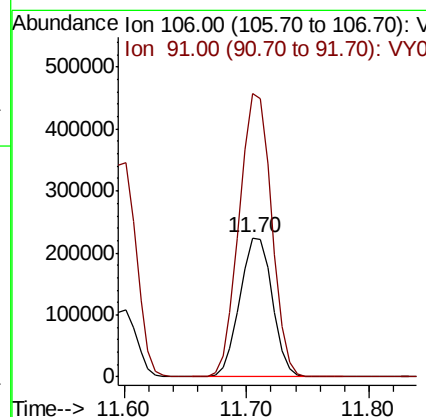
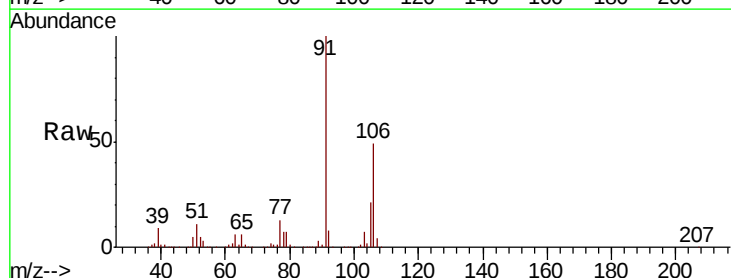
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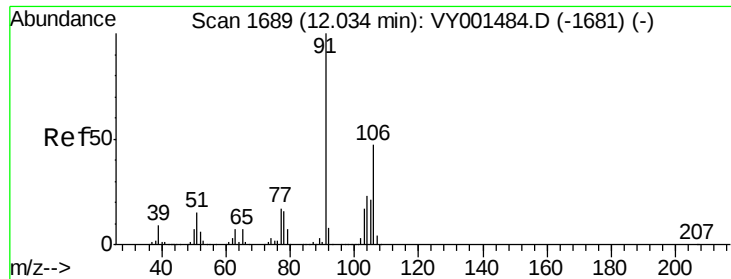
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#68
m/p-Xylenes
Concen: 93.685 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion: 106 Resp: 414165
Ion Ratio Lower Upper
106 100
91 202.8 163.6 245.4





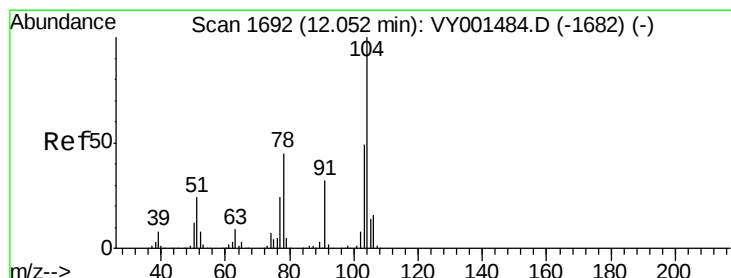
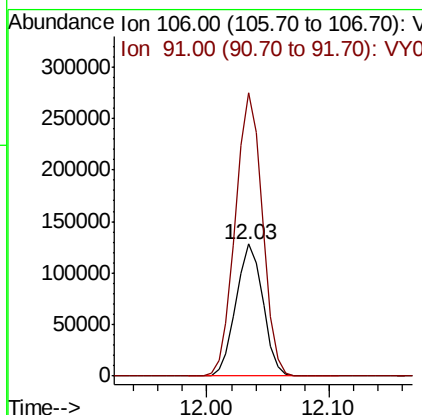
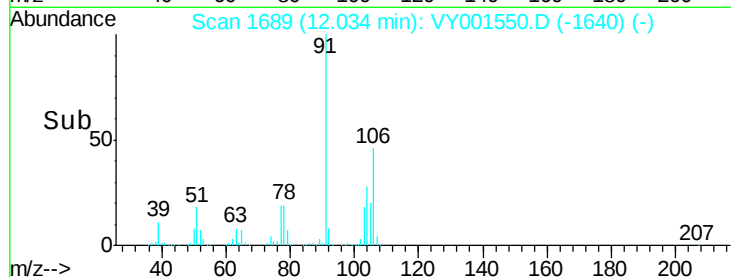
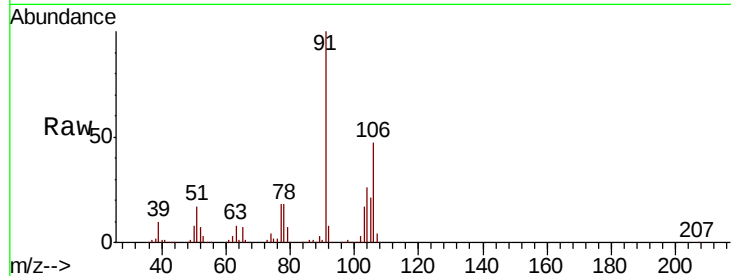
#69
o-Xylene
Concen: 46.914 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		195550		
91	214.1	106.0	318.0		

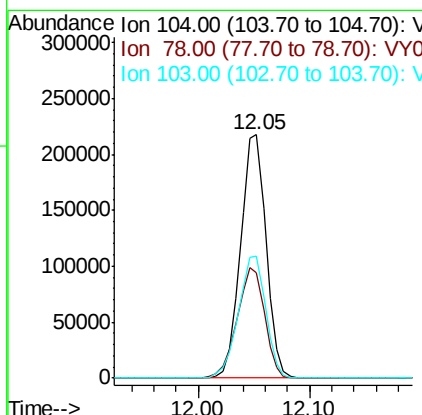
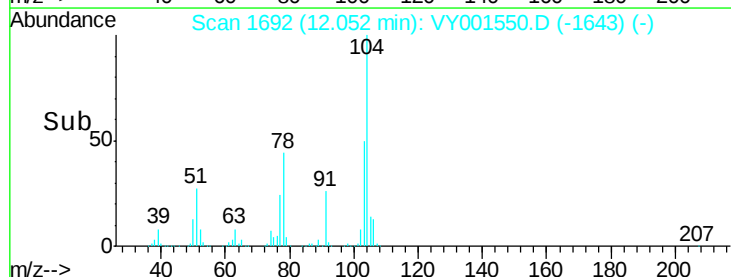
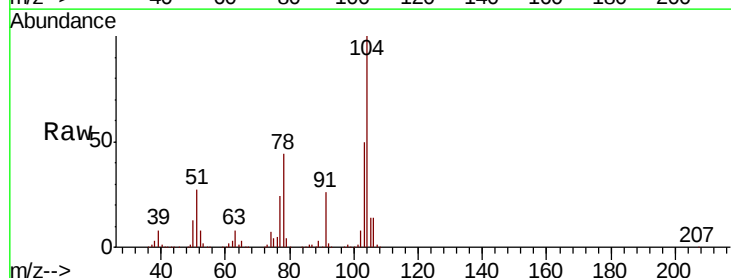
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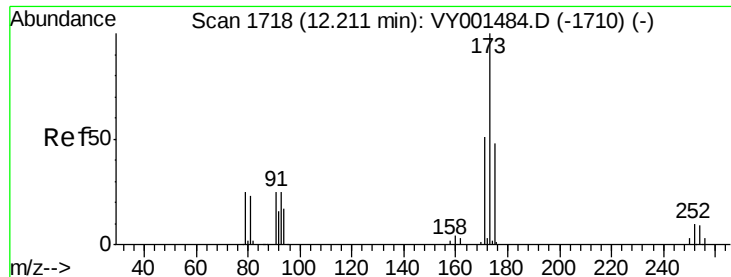
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#70
Styrene
Concen: 47.794 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		344506		
78	49.0	40.4	60.6		
103	53.9	42.8	64.2		





#71

Bromoform

Concen: 49.168 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 61029

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

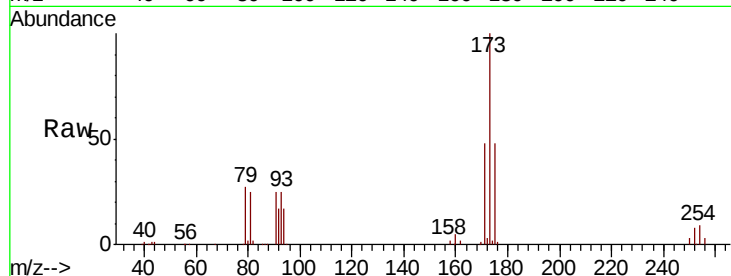
254 0.0 0.1 0.1#

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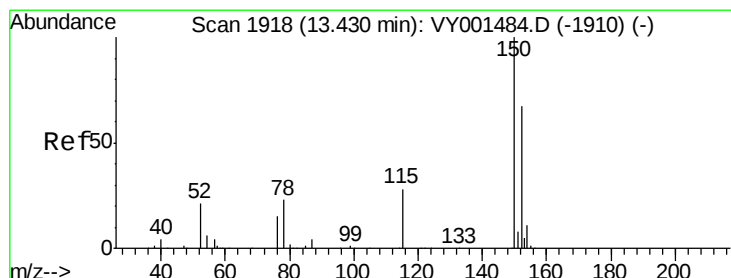
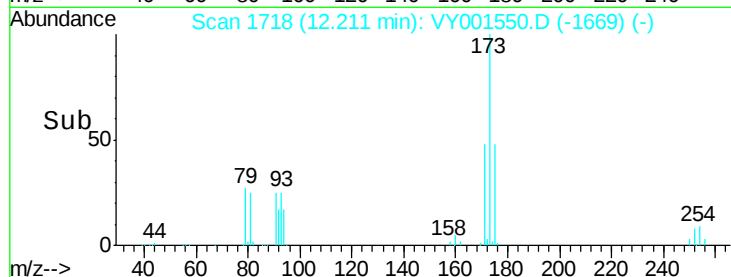
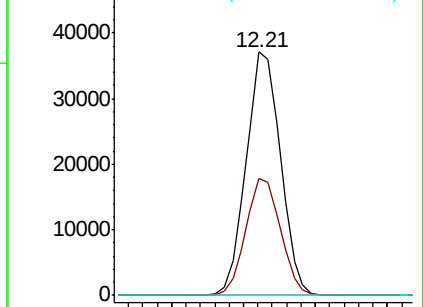
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

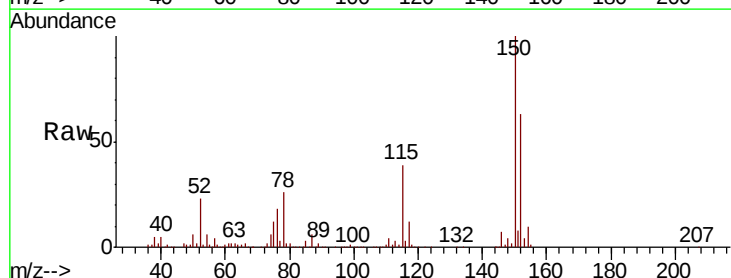
Tgt Ion:152 Resp: 157351

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.3

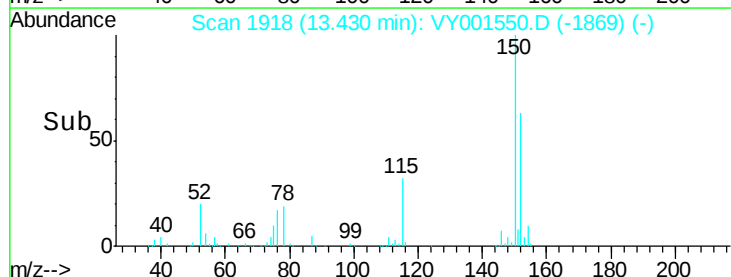
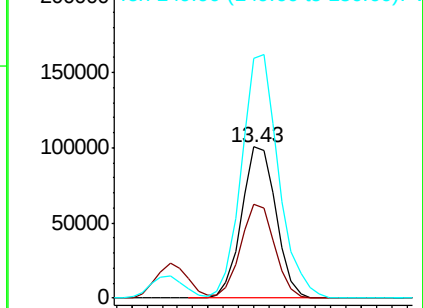
150 172.9 0.0 346.8

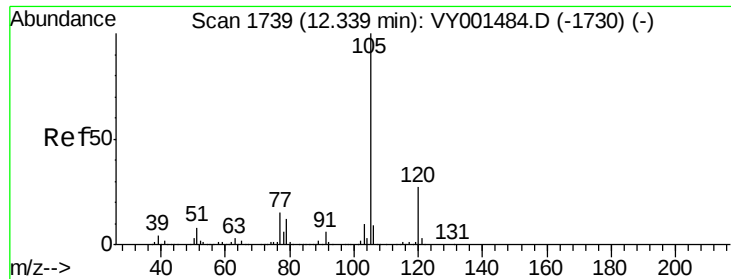


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





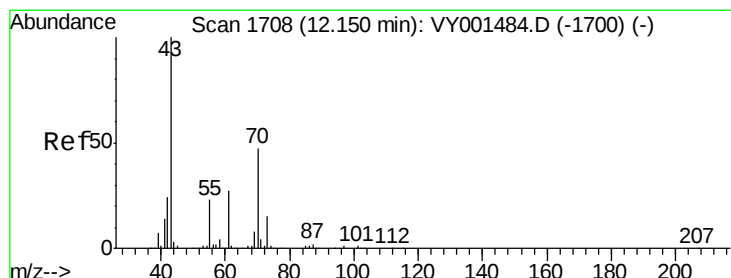
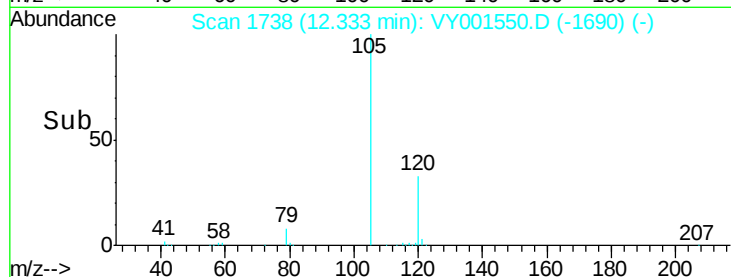
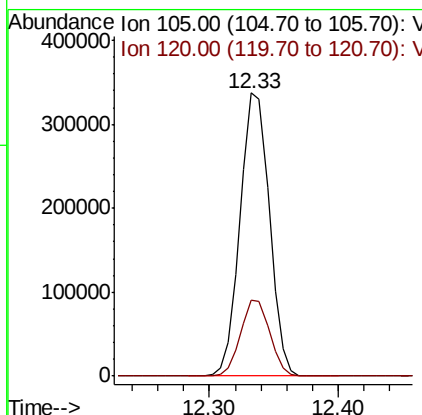
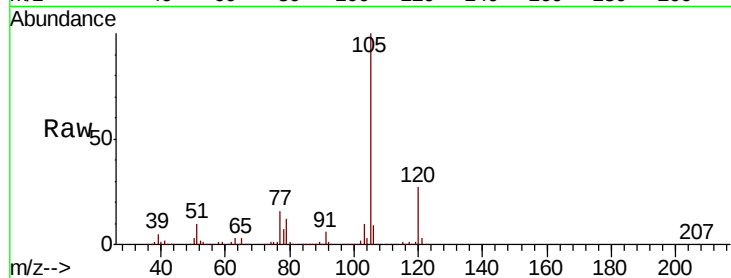
#73
Isopropylbenzene
Concen: 44.338 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

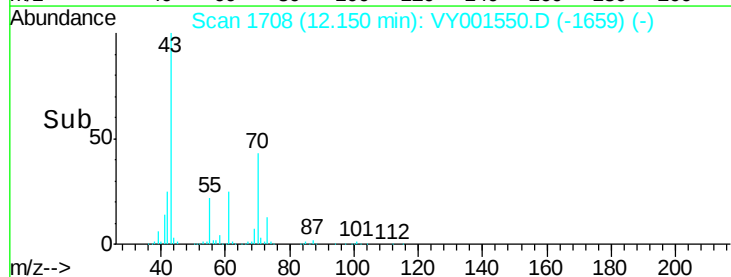
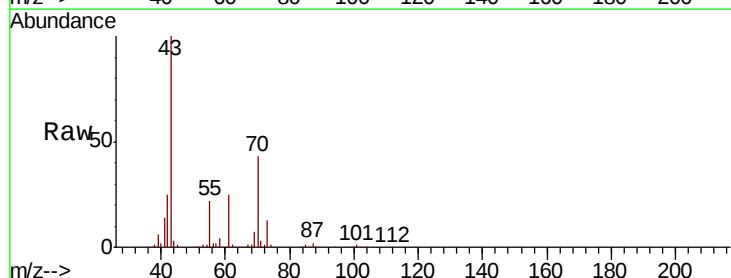
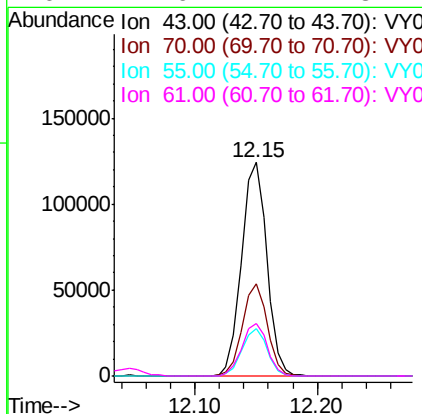
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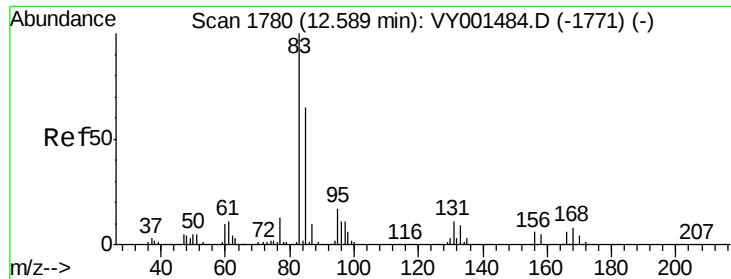
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#74
N-ethyl acetate
Concen: 57.107 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	37.2	55.8
55	22.2	18.8	28.2
61	24.6	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.082 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

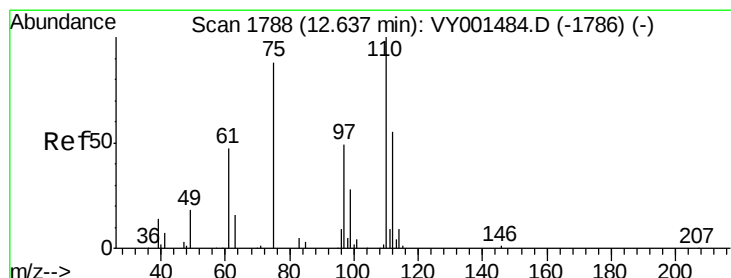
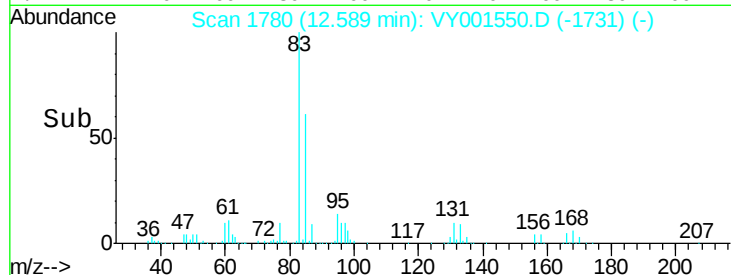
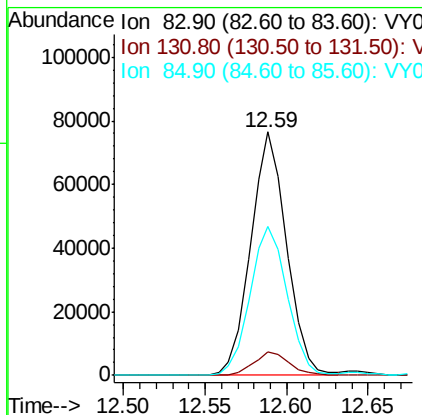
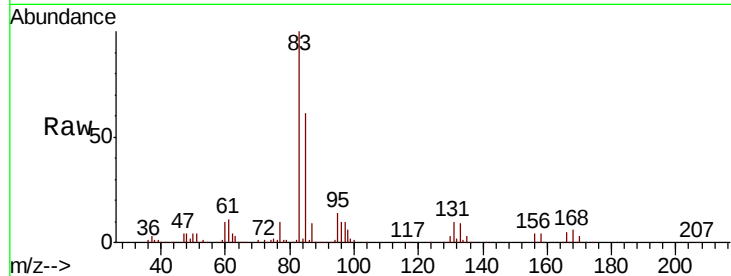
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	116470
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.4	16.2
85	63.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 50.192 ug/l m

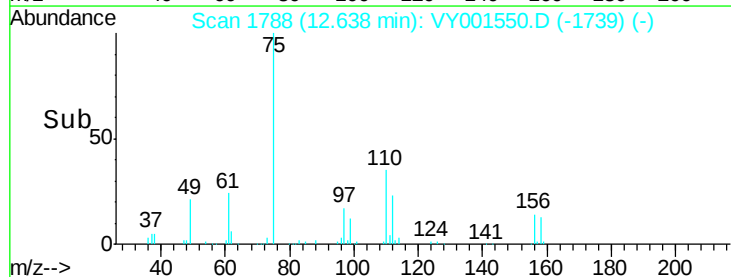
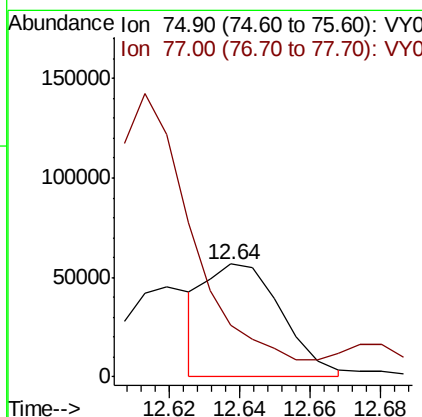
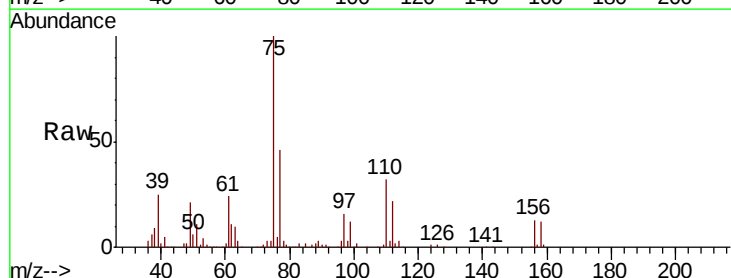
RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion:	75	Resp:	84933
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.749 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

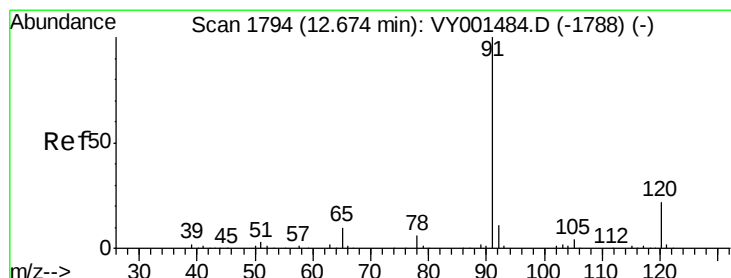
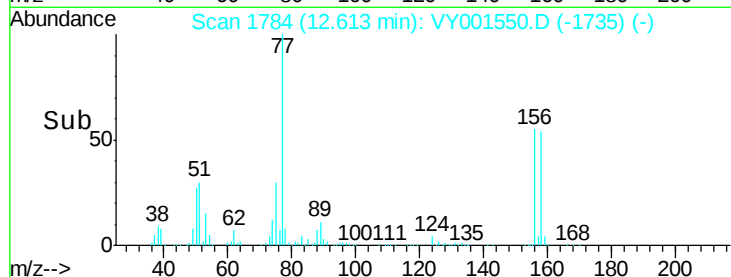
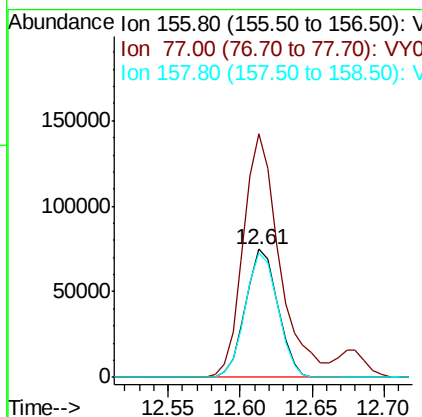
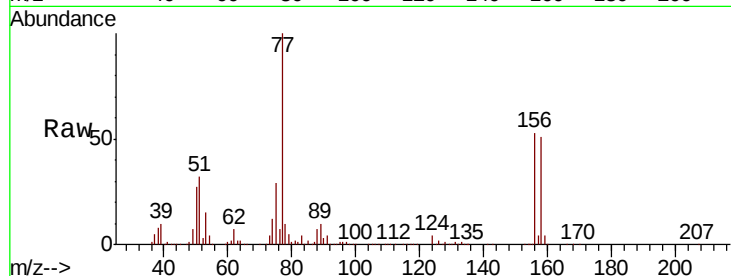
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	116220
Ion Ratio	Lower	Upper	
156	100		
77	214.8	99.8	299.3
158	97.8	47.5	142.6

Manual Integrations
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#78

n-propylbenzene

Concen: 45.720 ug/l

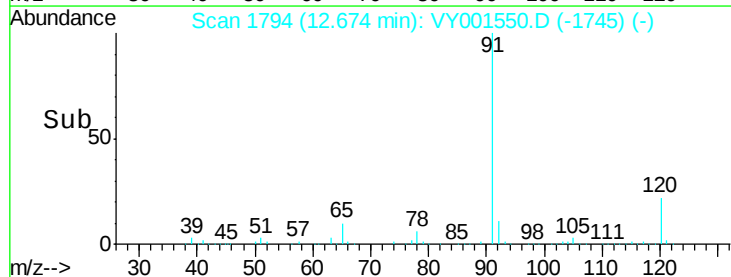
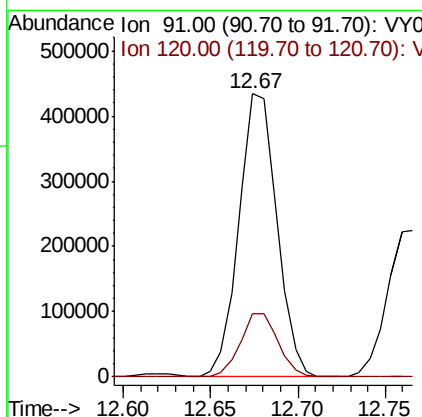
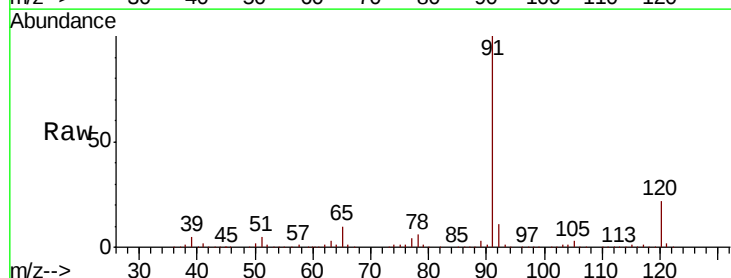
RT: 12.67 min Scan# 1794

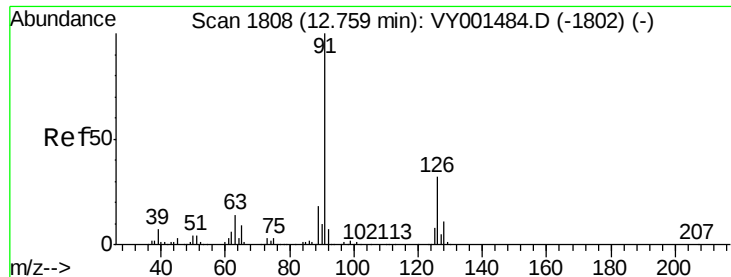
Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion:	91	Resp:	656858
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.4	34.2





#79

2-Chlorotoluene

Concen: 44.282 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 362644

Ion Ratio Lower Upper

91 100

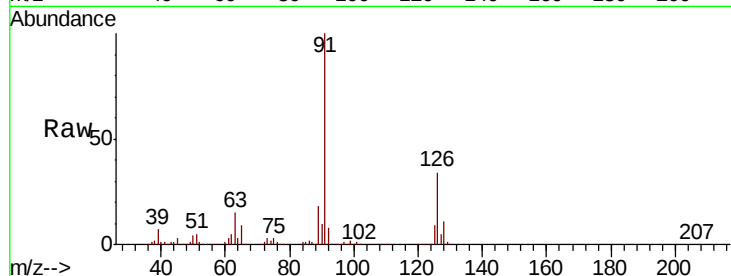
126 33.2 16.4 49.2

Manual Integrations

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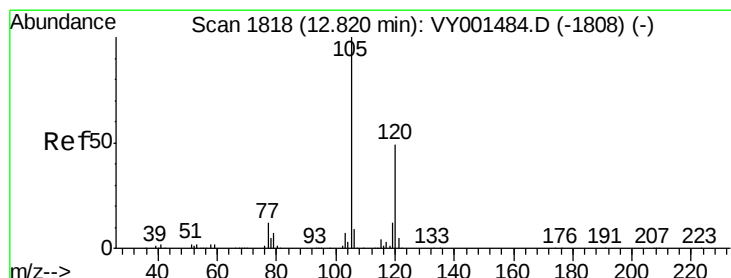
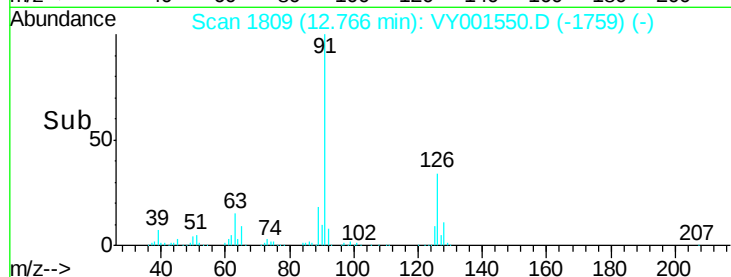
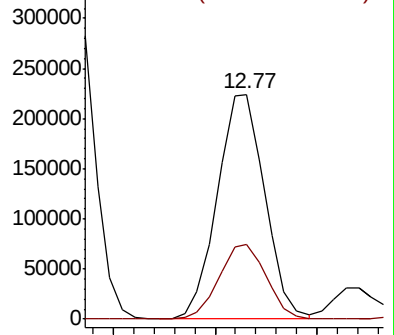
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY001550.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY001550.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.047 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001550.D

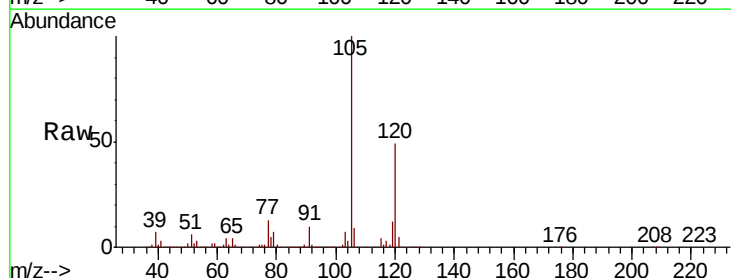
Acq: 07 Feb 2020 13:22

Tgt Ion: 105 Resp: 445176

Ion Ratio Lower Upper

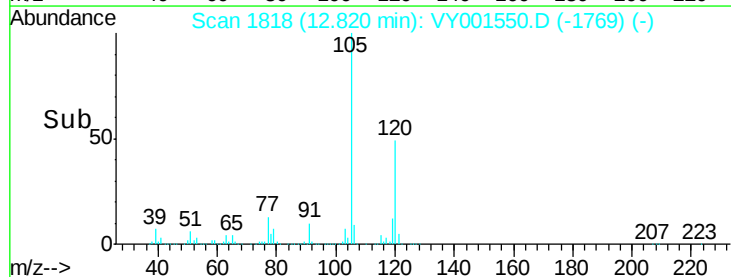
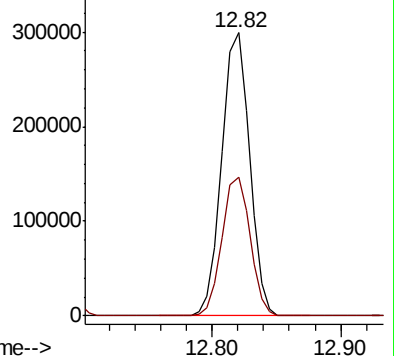
105 100

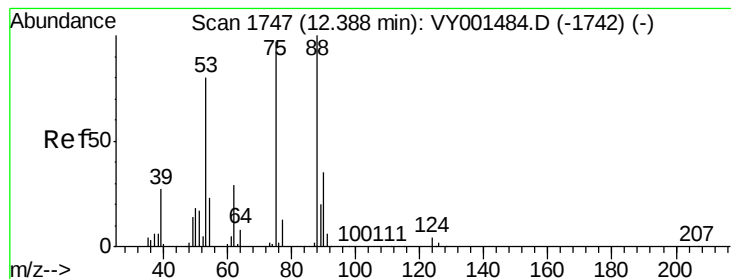
120 49.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001550.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001550.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.994 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

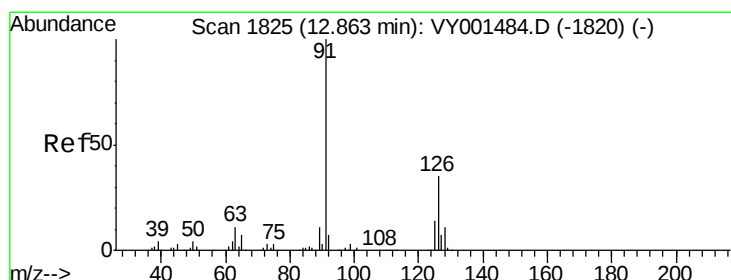
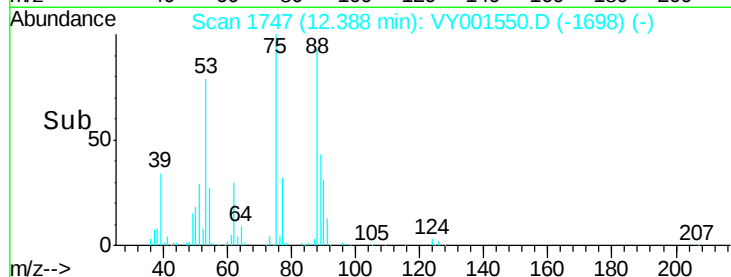
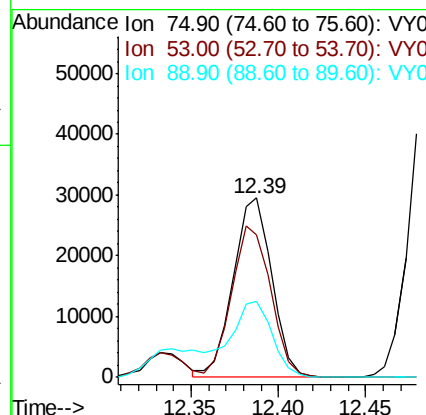
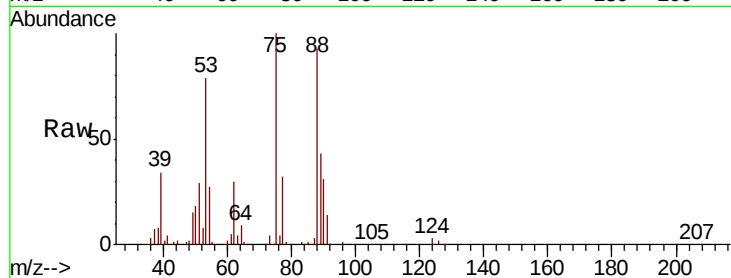
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	45470
Ion	Ratio	Lower	Upper
75	100		
53	84.9	67.7	101.5
89	46.2	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.756 ug/l

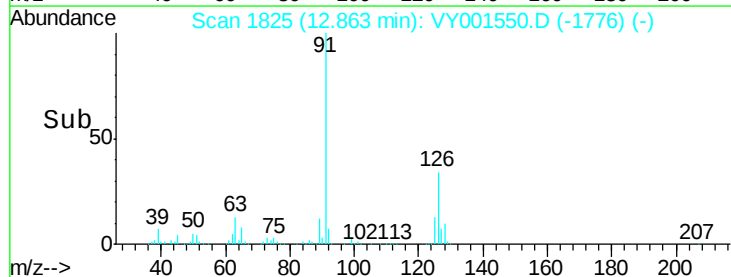
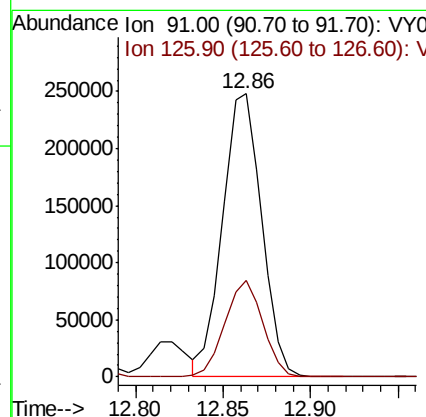
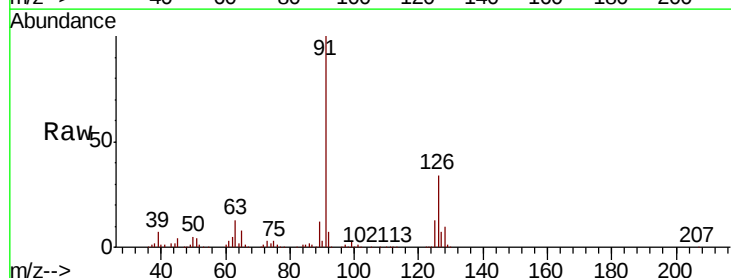
RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion:	91	Resp:	384291
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





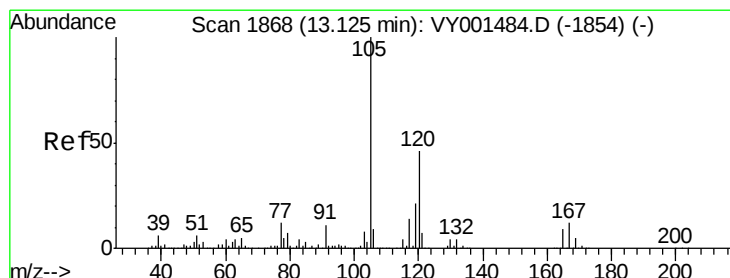
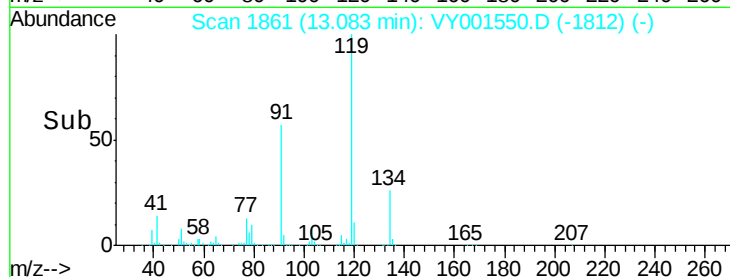
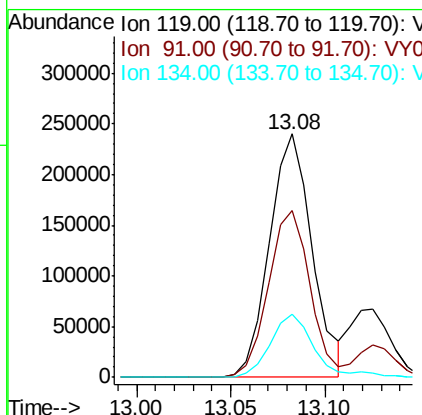
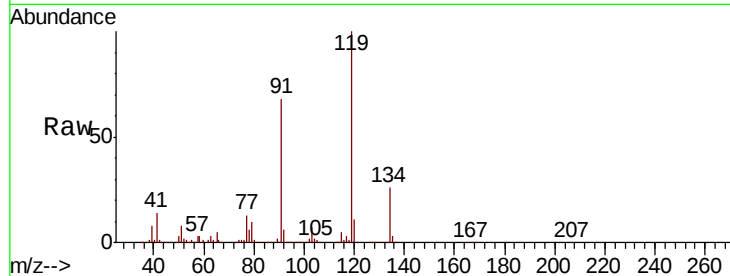
#83
tert-Butylbenzene
Concen: 44.201 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.1	99.3
134	26.9	13.0	39.0

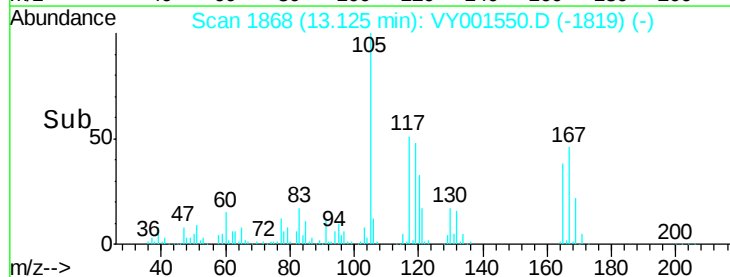
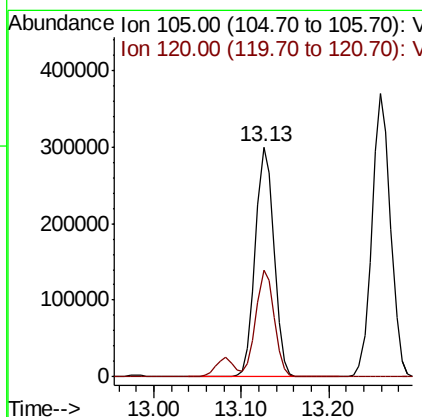
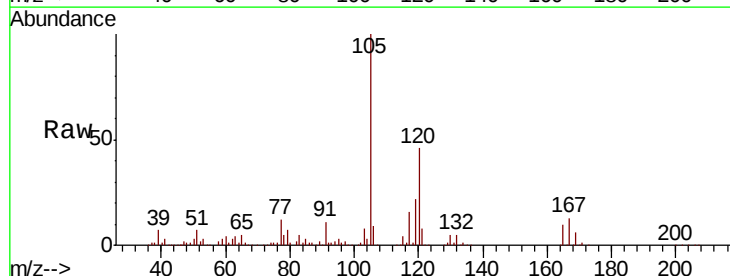
Manual Integrations
APPROVED

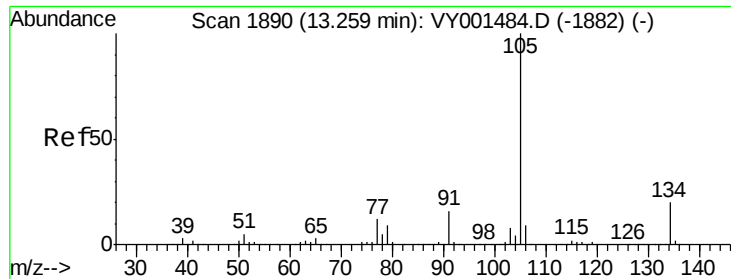
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 44.319 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.4	67.0





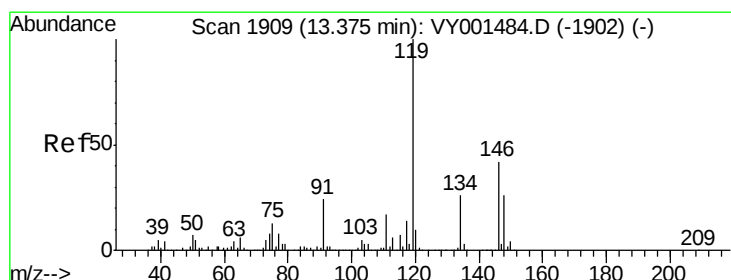
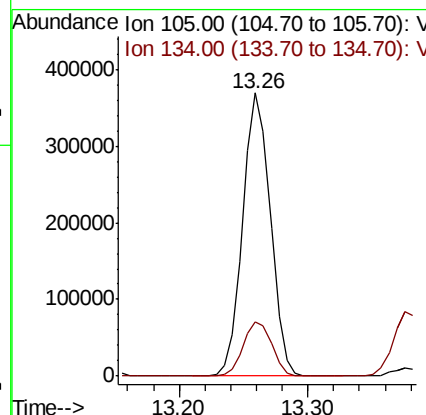
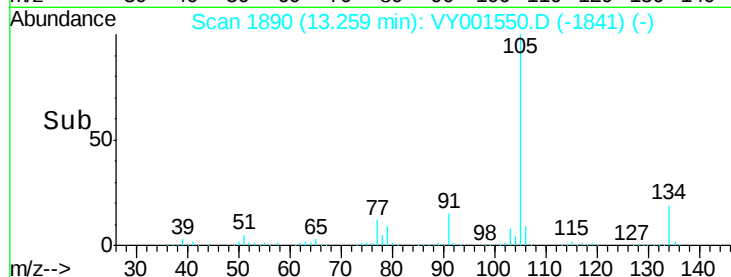
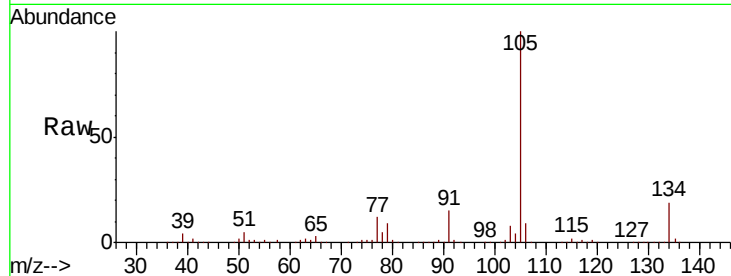
#85
 sec-Butylbenzene
 Concen: 45.665 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	29.8

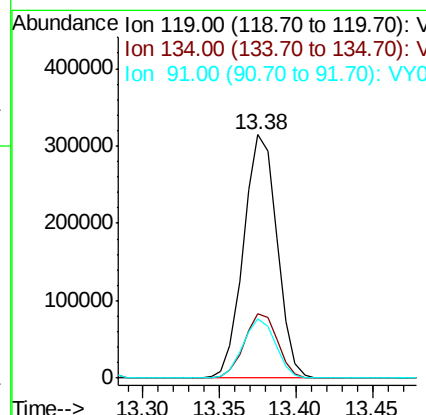
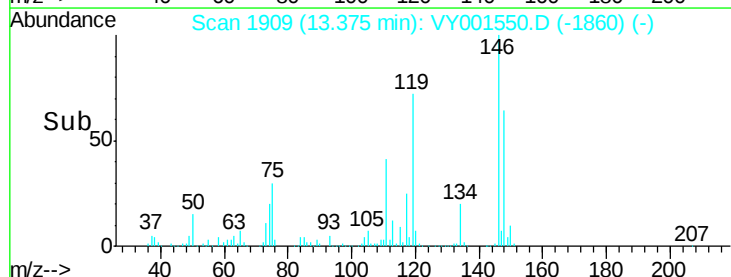
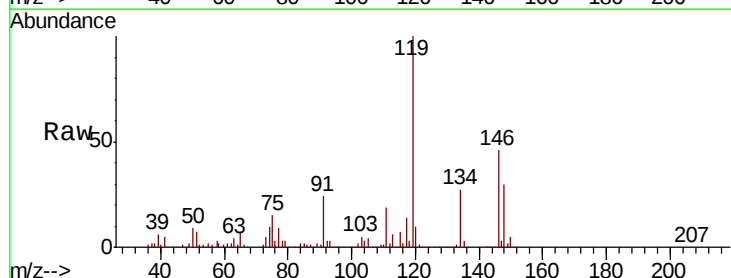
Manual Integrations
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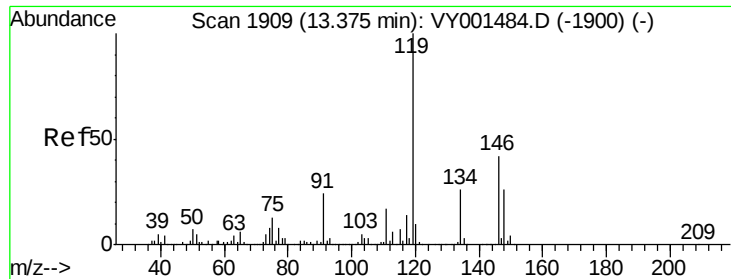
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 45.098 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	23.8	12.2	36.6





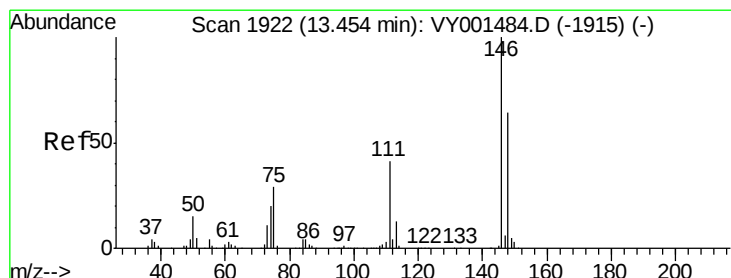
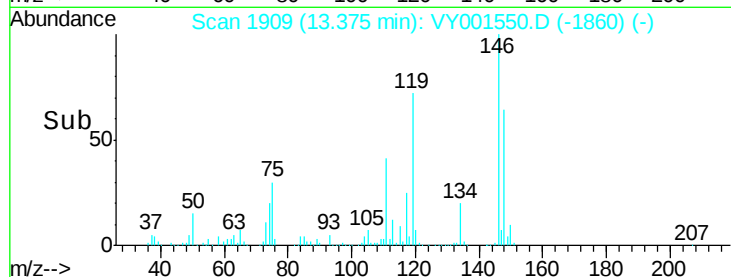
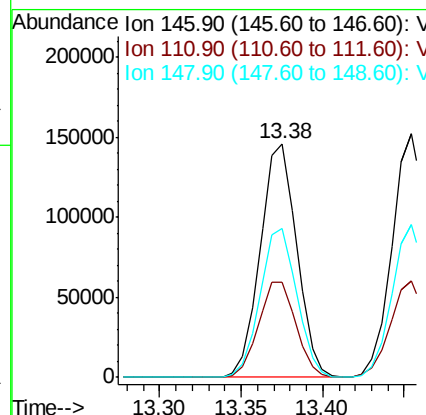
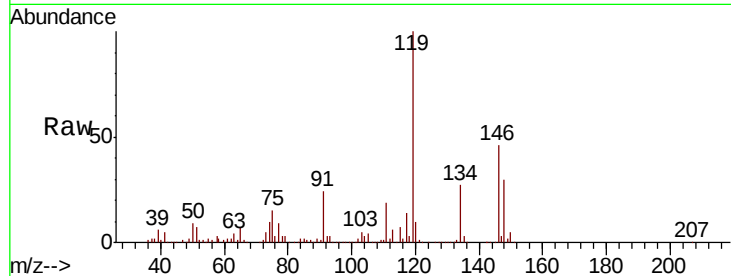
#87
 1,3-Dichlorobenzene
 Concen: 45.511 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	63.9	31.9	95.7

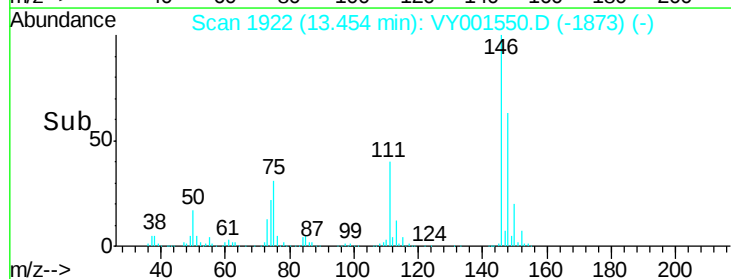
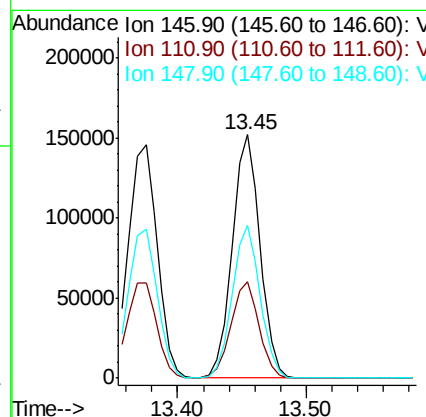
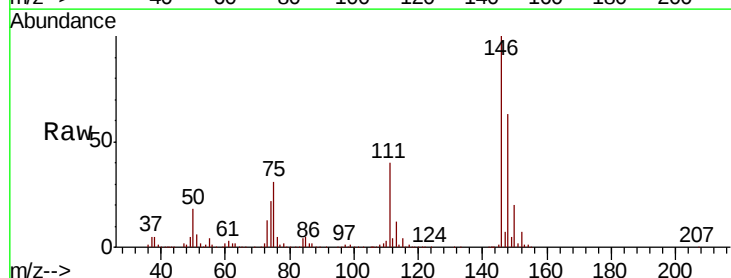
Manual Integrations
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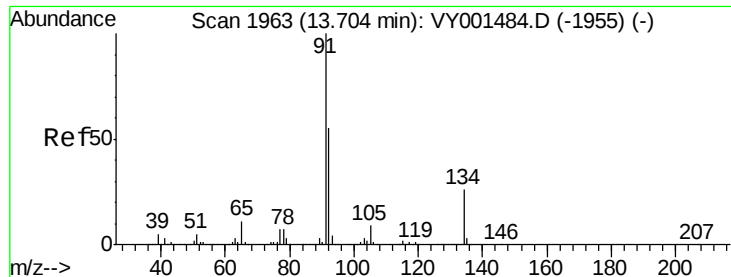
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 2/10/2020 11:27:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.894 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.7	62.1
148	62.9	32.1	96.5





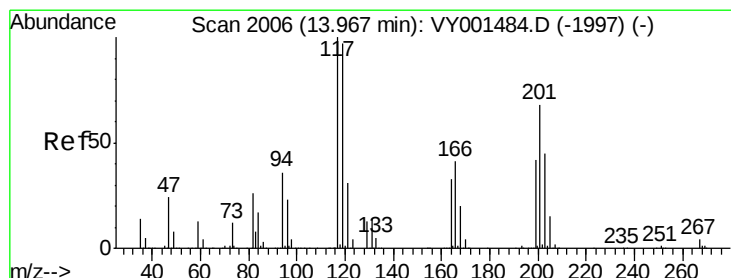
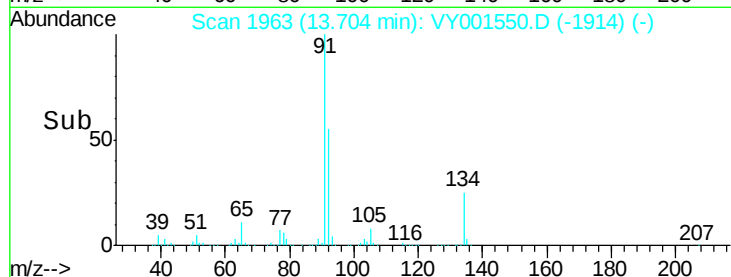
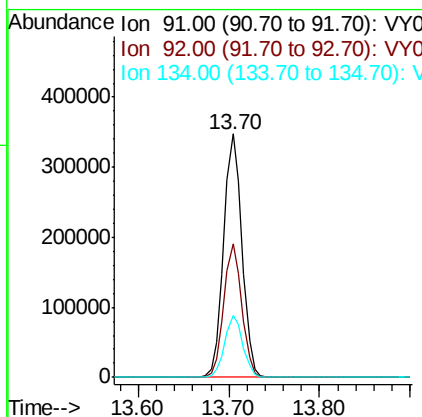
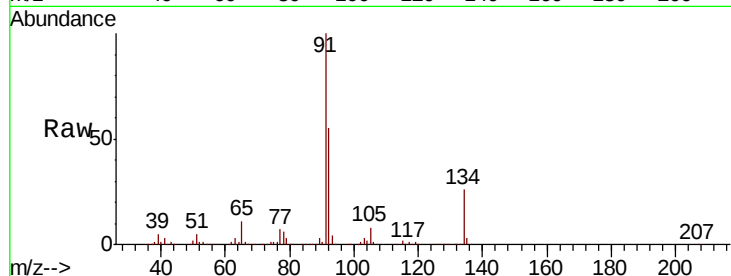
#89
n-Butylbenzene
Concen: 46.756 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.3	81.9
134	25.2	13.0	38.9

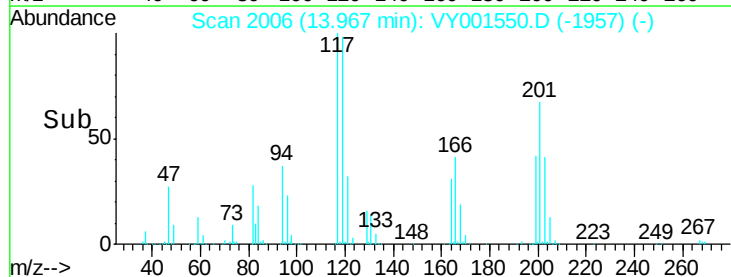
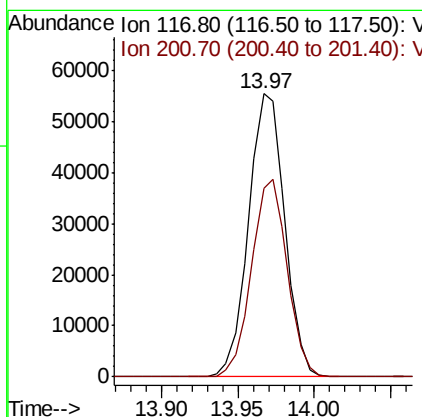
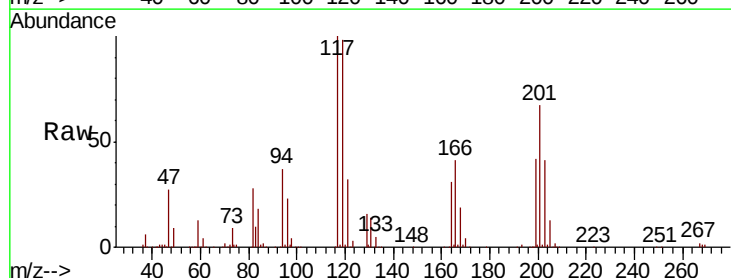
Manual Integrations
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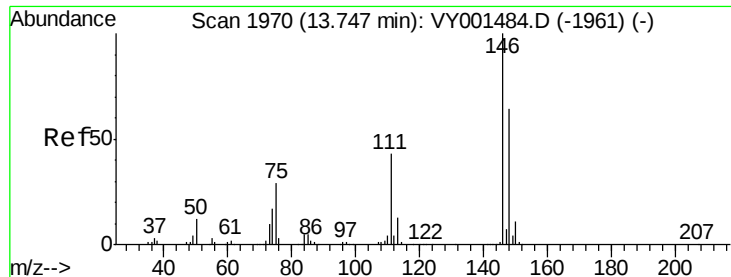
MMDadoda
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#90
Hexachloroethane
Concen: 44.796 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001550.D
Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	34.1	102.3





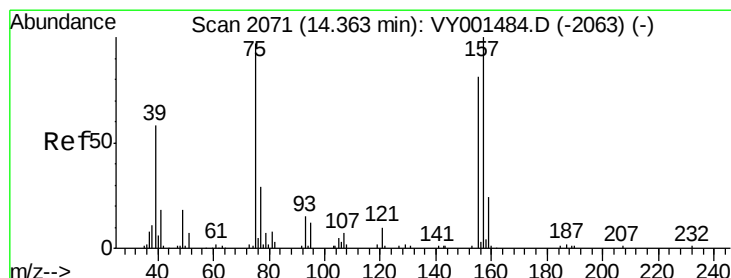
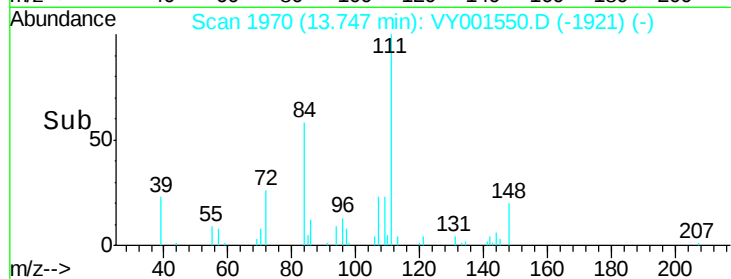
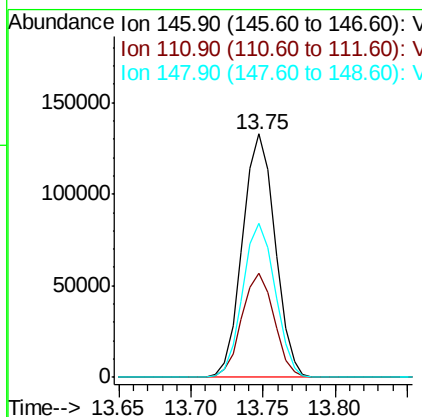
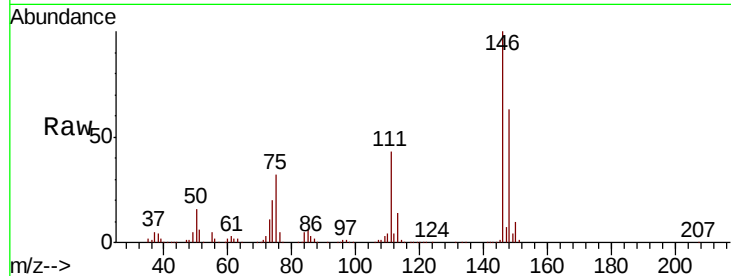
#91
 1,2-Dichlorobenzene
 Concen: 46.237 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.8
148	63.3	31.8	95.3

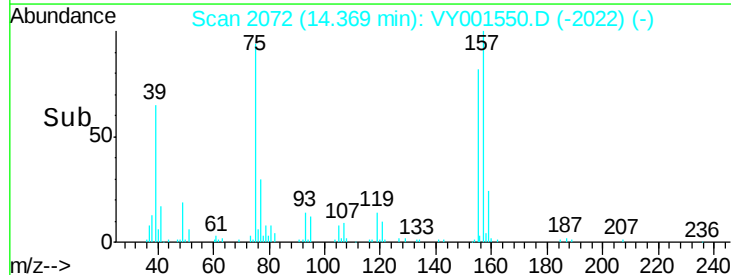
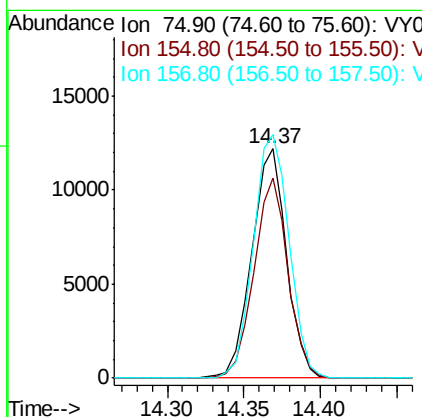
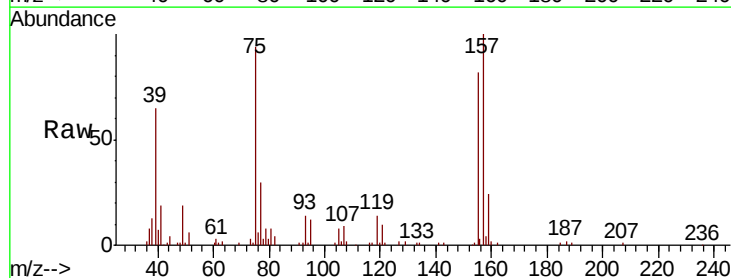
Manual Integrations
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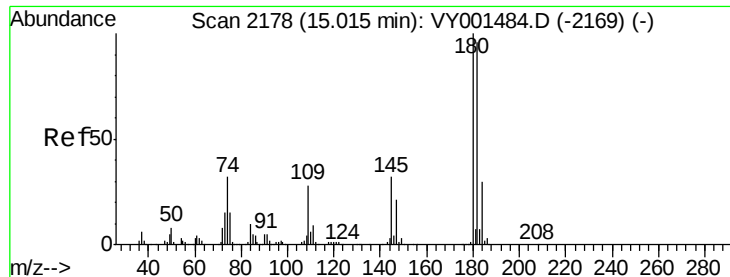
MMDadoda
 2/10/2020 11:27:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.676 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	40.7	122.1
157	109.8	52.3	157.1





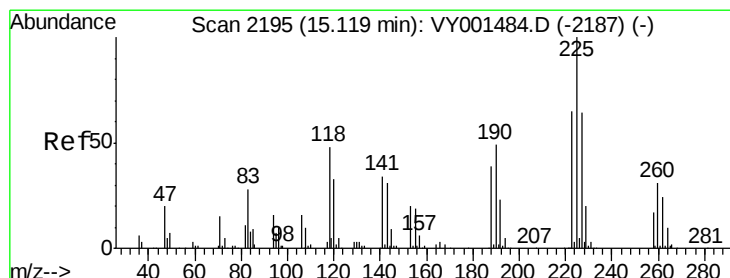
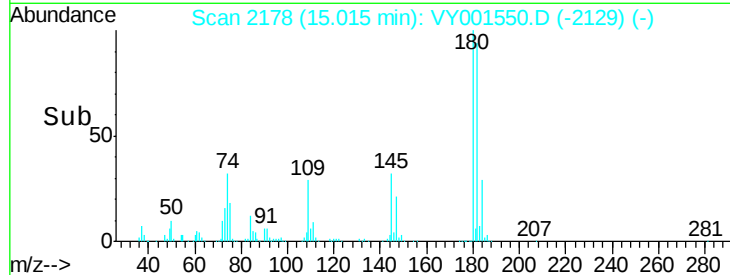
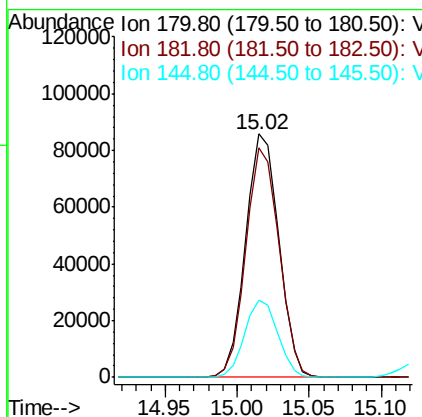
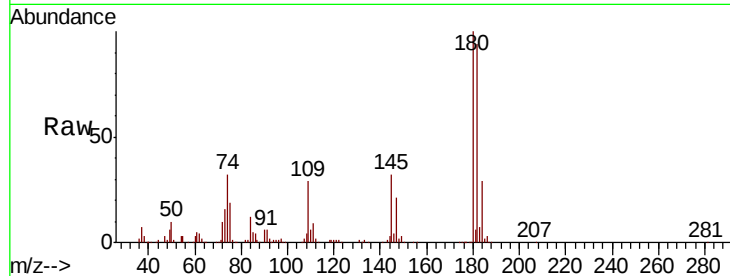
#93
 1,2,4-Trichlorobenzene
 Concen: 45.069 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:180	Resp:	136990
Ion Ratio	Lower	Upper
180 100		
182 94.1	46.9	140.7
145 31.6	16.8	50.3

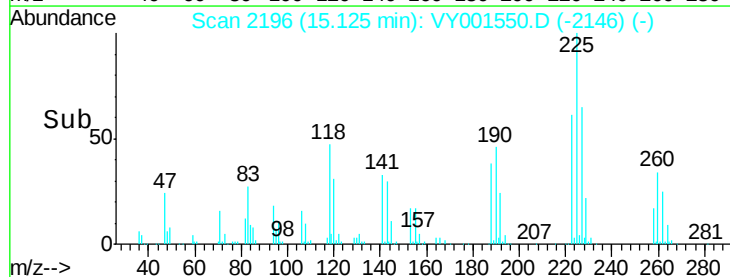
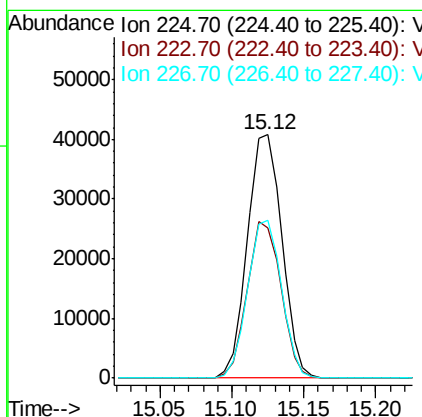
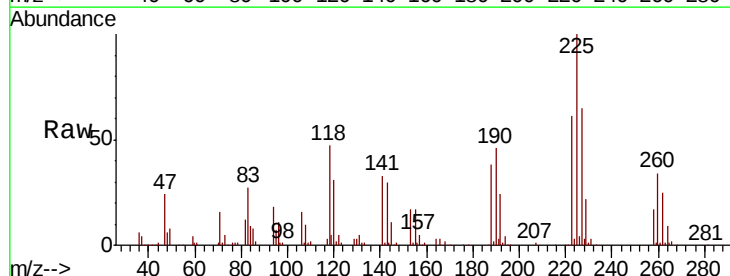
Manual Integrations
 APPROVED

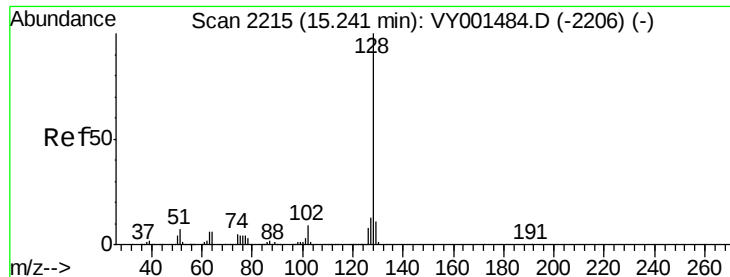
MMDadoda
 2/10/2020 11:27:04 AM



#94
 Hexachlorobutadiene
 Concen: 43.845 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001550.D
 Acq: 07 Feb 2020 13:22

Tgt Ion:225	Resp:	67639
Ion Ratio	Lower	Upper
225 100		
223 62.7	31.9	95.7
227 63.5	32.6	97.7





#95

Naphthalene

Concen: 45.330 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Instrument :

MSVOA_Y

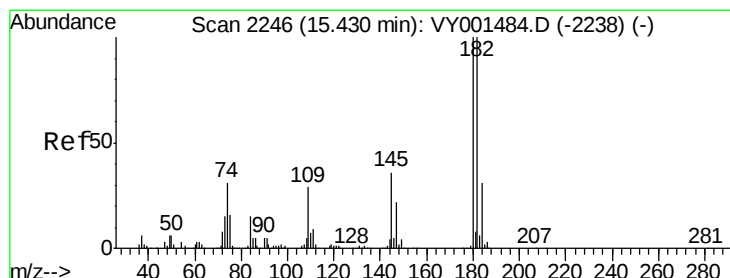
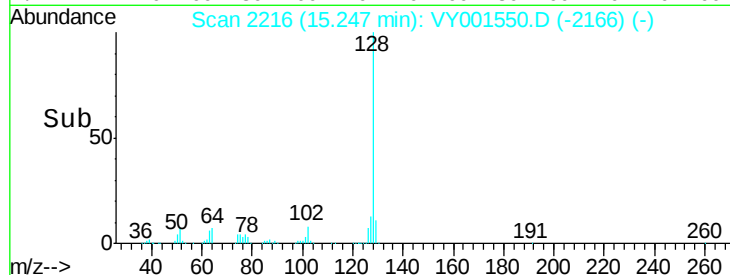
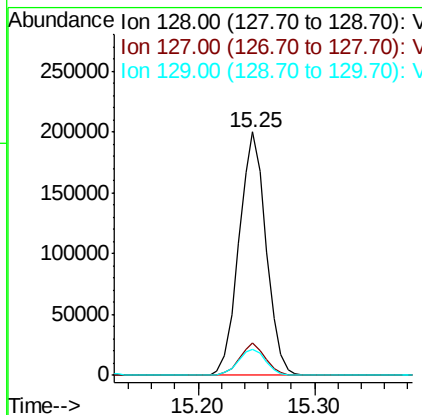
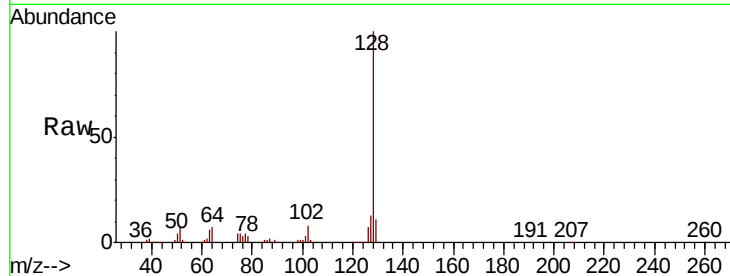
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	323816
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/10/2020 11:27:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 44.618 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001550.D

Acq: 07 Feb 2020 13:22

Tgt Ion:	180	Resp:	119714
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.2
145	34.4	17.8	53.5

