

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022476.D
 Acq On : 01 Oct 2021 20:13
 Operator : SY/MD
 Sample : VSTD10060
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100260

Quant Time: Oct 02 00:41:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	248930	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	237149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125668	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144106	72.300	ug/L	0.00
7) Chloroethane-d5	1.568	69	118747	75.353	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	290519	82.131	ug/L	0.00
21) 2-Butanone-d5	3.892	46	176025	132.678	ug/L	0.00
24) Chloroform-d	4.349	84	288663	80.083	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	169288	77.216	ug/L	0.00
32) Benzene-d6	5.050	84	556034	79.314	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	172282	76.762	ug/L	0.00
41) Toluene-d8	7.316	98	513458	79.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	87214	84.770	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	167215	186.331	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247052	76.440	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	205603	77.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	218453	91.095	ug/L	99
3) Chloromethane	1.240	50	236146	96.967	ug/L	99
5) Vinyl chloride	1.310	62	218791	95.744	ug/L	100
6) Bromomethane	1.523	94	159730	107.381	ug/L	98
8) Chloroethane	1.584	64	136350	97.748	ug/L	100
9) Trichlorofluoromethane	1.751	101	293852	94.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	164662	94.007	ug/L	98
12) 1,1-Dichloroethene	2.117	96	163169	98.501	ug/L	94
14) Carbon disulfide	2.294	76	497260	97.141	ug/L	99
15) Methyl Acetate	2.432	43	188689	89.905	ug/L	100
16) Methylene chloride	2.506	84	210905	92.754	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	184303	97.764	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	606703	107.114	ug/L	100
19) 1,1-Dichloroethane	3.188	63	330459	97.612	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	203027	101.115	ug/L	98
22) 2-Butanone	3.976	43	213241	144.089	ug/L	91
23) Bromochloromethane	4.246	128	112741	103.288	ug/L	95
25) Chloroform	4.374	83	337342	96.986	ug/L	99
27) 1,2-Dichloroethane	5.130	62	246441	99.213	ug/L	97
29) Cyclohexane	4.677	56	262930	94.922	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	286607	100.160	ug/L	99
31) Carbon tetrachloride	4.828	117	250039	99.082	ug/L	98
33) Benzene	5.098	78	716492	99.483	ug/L	100
34) Trichloroethene	5.915	95	181354	96.945	ug/L	99
35) Methylcyclohexane	6.133	83	273049	95.153	ug/L	100
37) 1,2-Dichloropropane	6.172	63	184795	99.905	ug/L	99
38) Bromodichloromethane	6.509	83	252351	106.063	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	307166	111.746	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	577549	224.258	ug/L	98
42) Toluene	7.387	91	770810	99.914	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	294732	112.447	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	196884	103.610	ug/L	99

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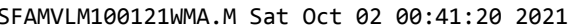
Instrument :
 MSVOA_V
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 VSTD100260

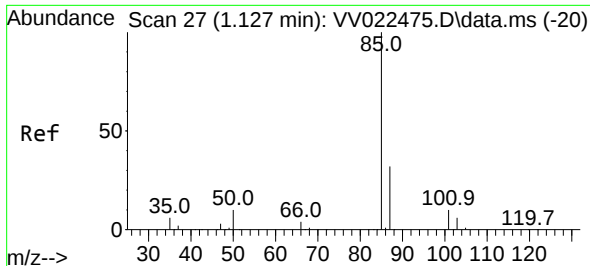
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.976	164	151071	97.168	ug/L	98
48) 2-Hexanone	8.140	43	443899	229.283	ug/L	99
49) Dibromochloromethane	8.246	129	225996	111.631	ug/L	100
50) 1,2-Dibromoethane	8.352	107	215668	106.288	ug/L	97
51) Chlorobenzene	8.882	112	501284	98.849	ug/L	99
52) Ethylbenzene	9.014	91	802467	99.537	ug/L	100
53) m,p-Xylene	9.140	106	316392	101.499	ug/L	98
54) o-Xylene	9.545	106	314826	103.678	ug/L	99
55) Styrene	9.561	104	555475	105.668	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	308188	99.555	ug/L	100
59) Bromoform	9.731	173	171188	118.405	ug/L	99
60) Isopropylbenzene	9.931	105	807508	104.005	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	242825	103.903	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	694481	107.994	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	699436	108.149	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	396211	100.458	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	401877	99.762	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	407314	101.136	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	73753	119.008	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	293129	102.114	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	272103	110.751	ug/L	99
71) Naphthalene	13.503	128	988676	130.410	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	285389	112.688	ug/L	99

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

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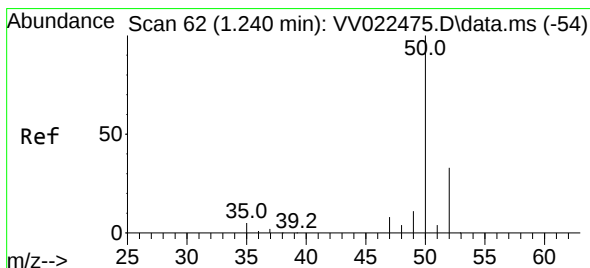
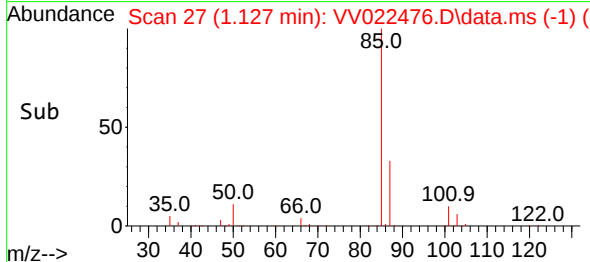
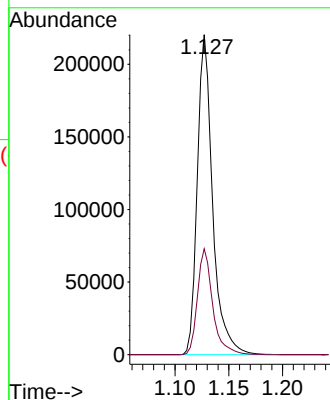
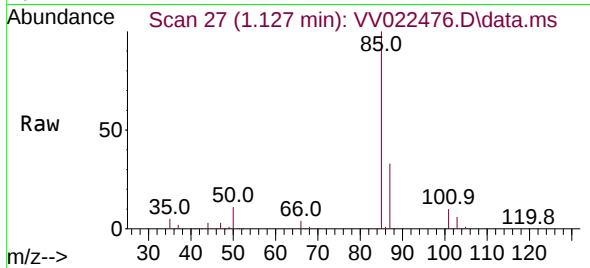




#2
 Dichlorodifluoromethane
 Concen: 91.095 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022476.D
 Acq: 01 Oct 2021 20:13

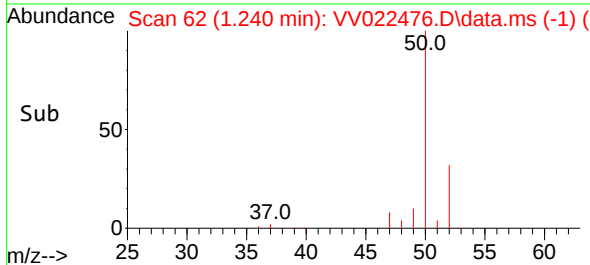
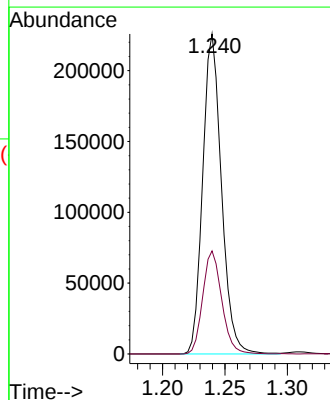
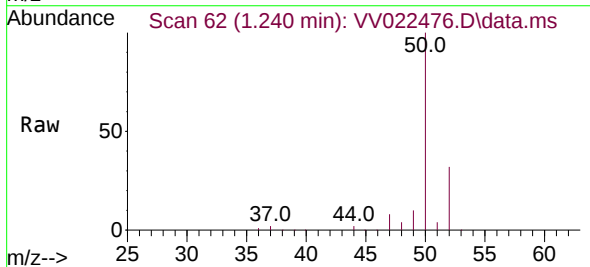
Instrument :
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 VSTD100260

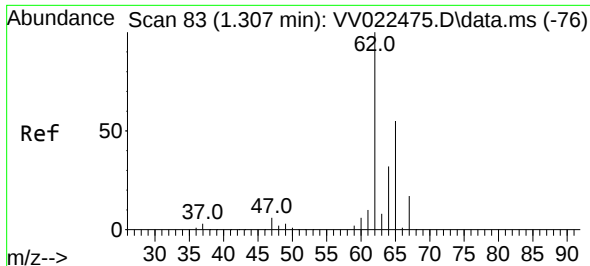
Tgt Ion: 85 Resp: 218453
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 96.967 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022476.D
 Acq: 01 Oct 2021 20:13

Tgt Ion: 50 Resp: 236146
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8

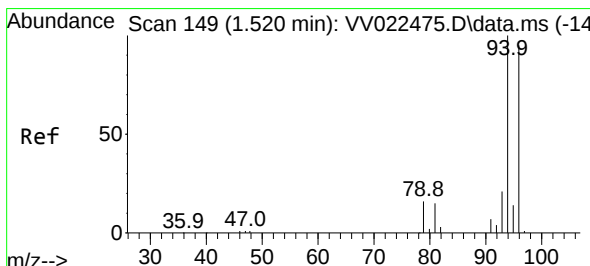
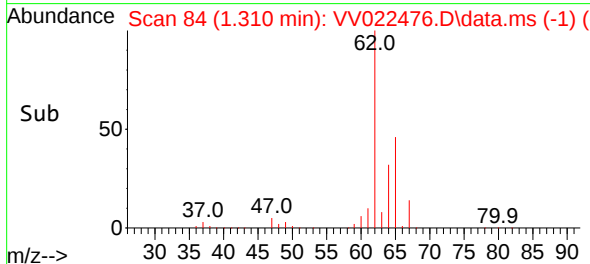
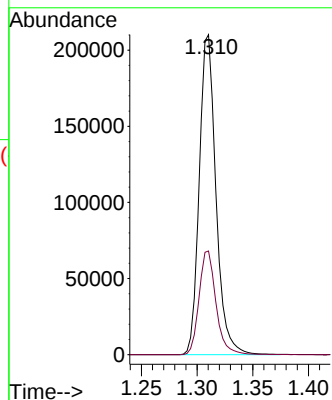
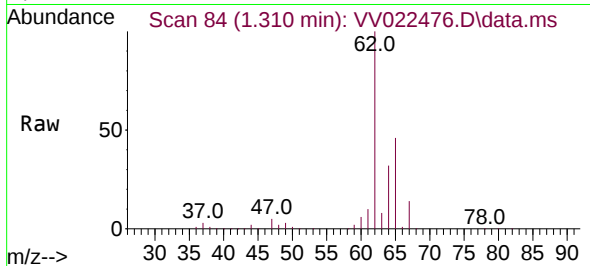




#5
 Vinyl chloride
 Concen: 95.744 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022476.D
 Acq: 01 Oct 2021 20:13

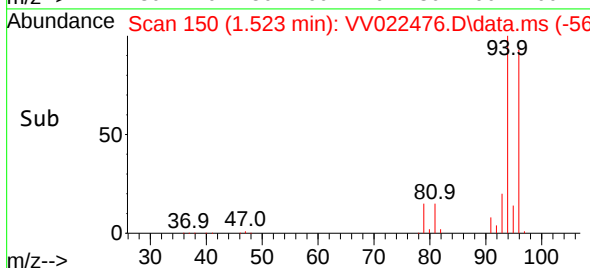
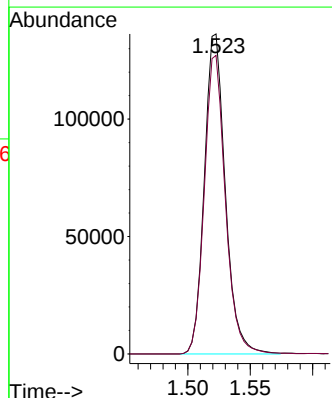
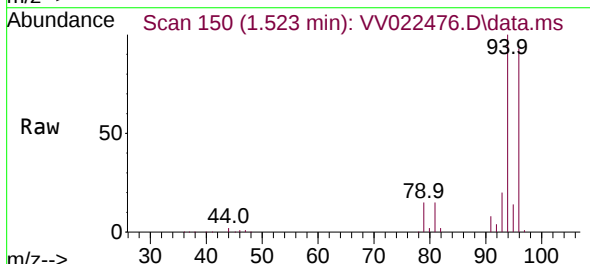
Instrument :
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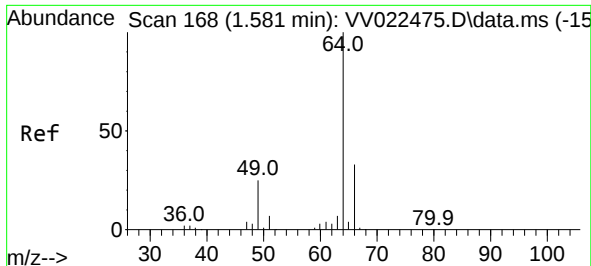
Tgt Ion: 62 Resp: 218791
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.9



#6
 Bromomethane
 Concen: 107.381 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV022476.D
 Acq: 01 Oct 2021 20:13

Tgt Ion: 94 Resp: 159730
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.4 123.2

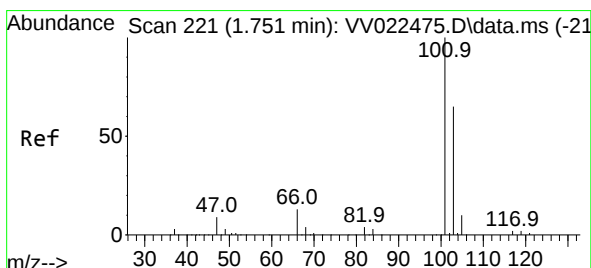
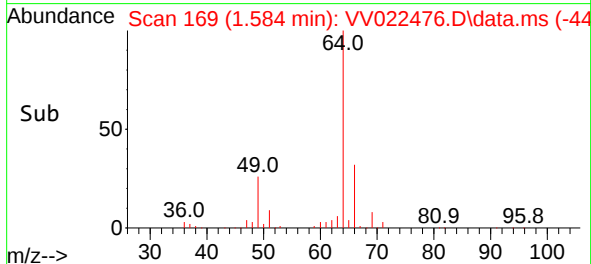
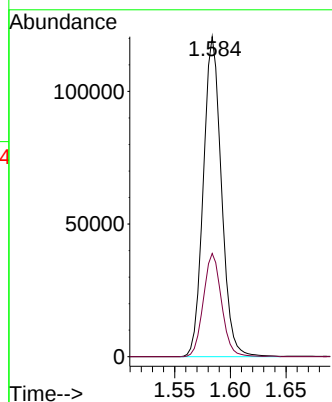
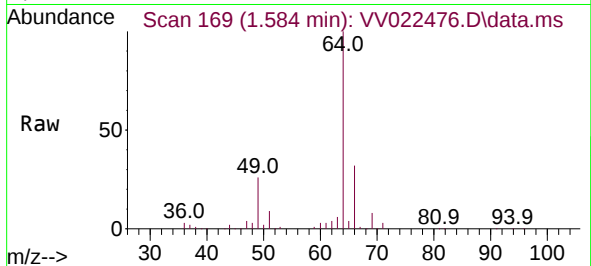




#8
Chloroethane
Concen: 97.748 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

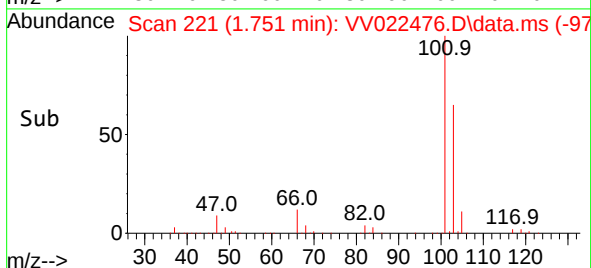
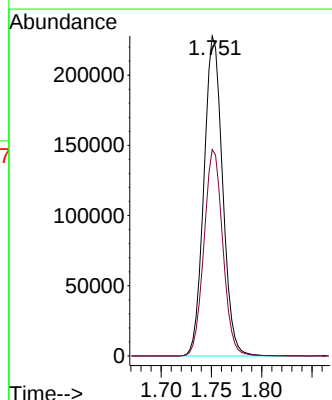
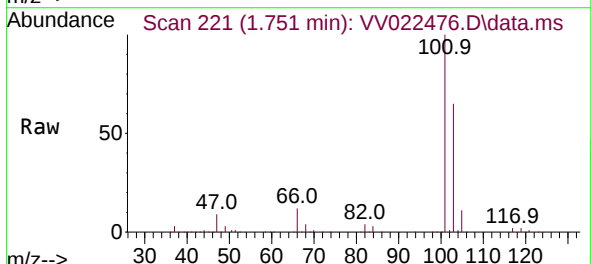
Instrument :
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ClientSampleId :
VSTD100260

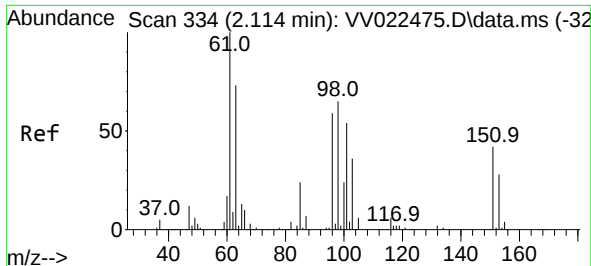
Tgt Ion: 64 Resp: 136350
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 94.457 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:101 Resp: 293852
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 94.007 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion:101 Resp: 164662

Ion Ratio Lower Upper

101 100

85 43.1 34.7 52.1

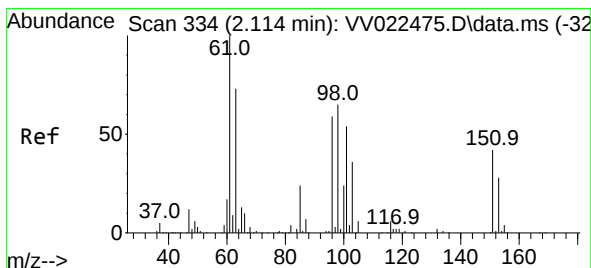
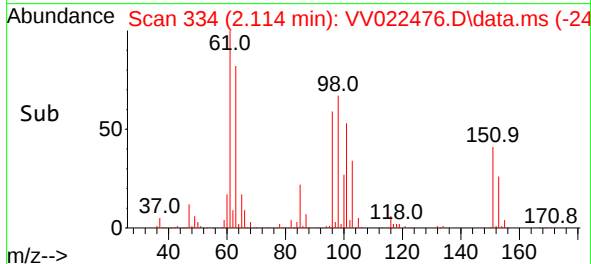
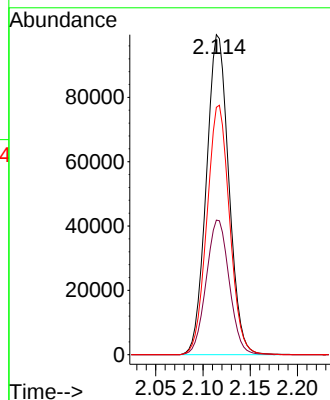
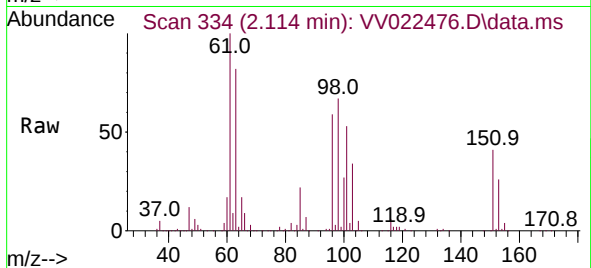
151 78.6 61.3 91.9

Instrument :

MSVOA_V

ClientSampleId :

VSTD100260



#12

1,1-Dichloroethene

Concen: 98.501 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

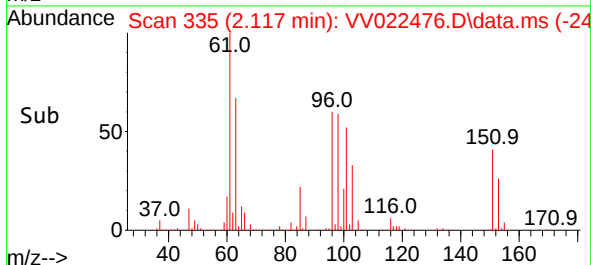
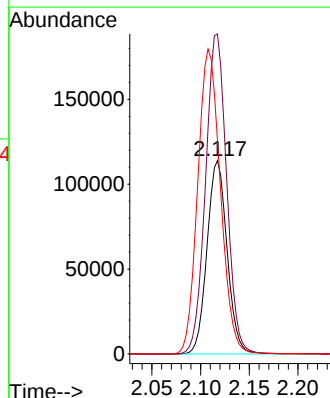
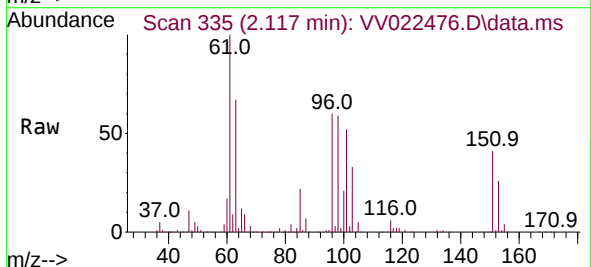
Tgt Ion: 96 Resp: 163169

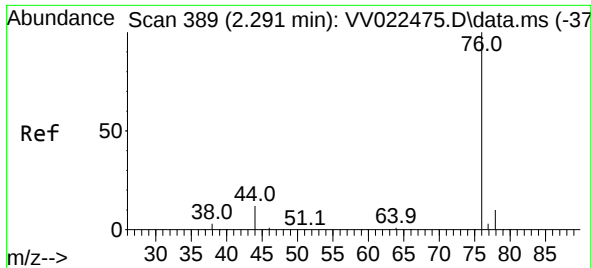
Ion Ratio Lower Upper

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63 110.2 86.4 160.4

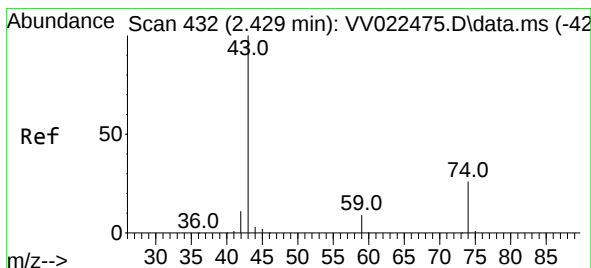
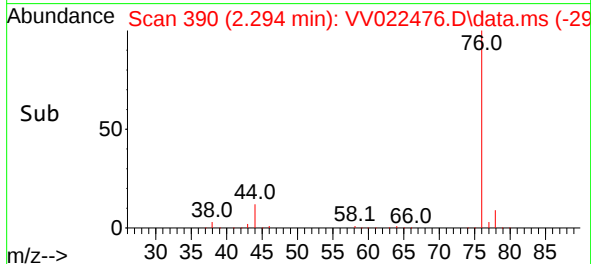
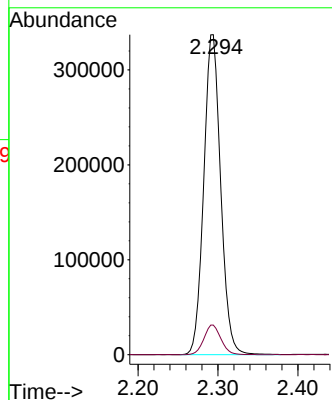
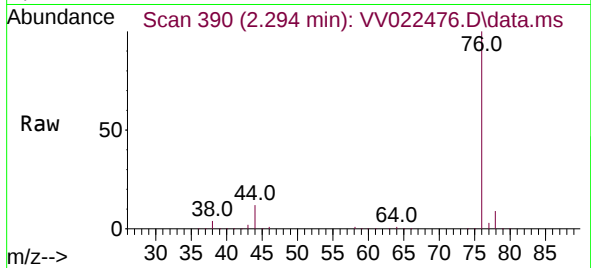




#14
Carbon disulfide
Concen: 97.141 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

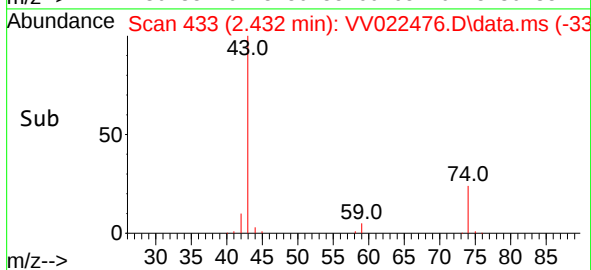
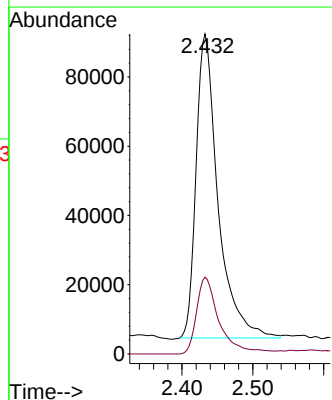
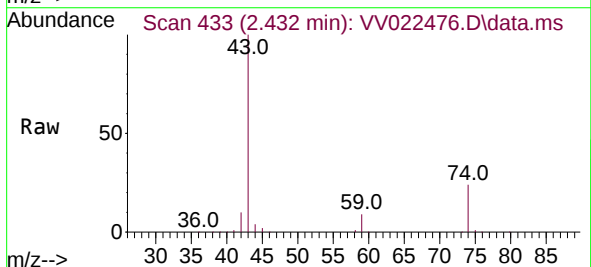
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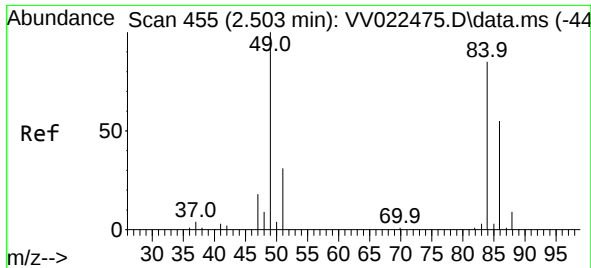
Tgt Ion: 76 Resp: 497260
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#15
Methyl Acetate
Concen: 89.905 ug/L
RT: 2.432 min Scan# 433
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 43 Resp: 188689
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

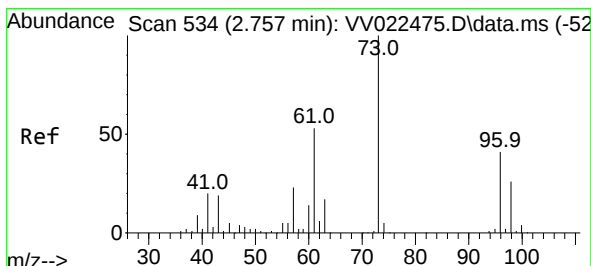
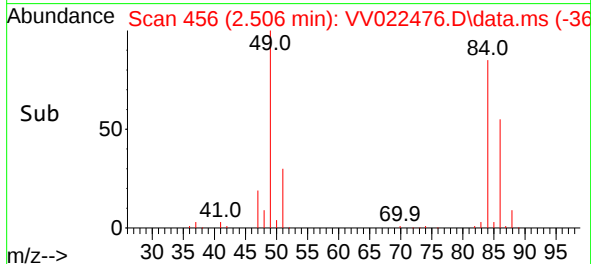
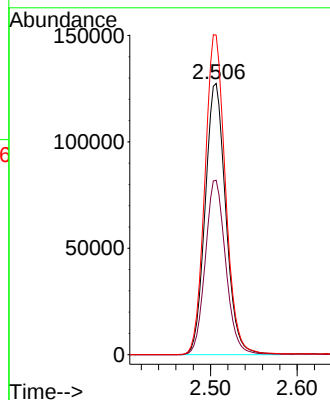
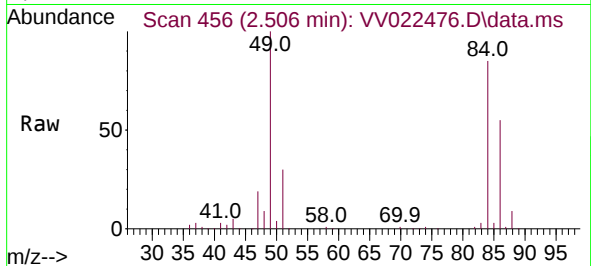




#16
Methylene chloride
Concen: 92.754 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

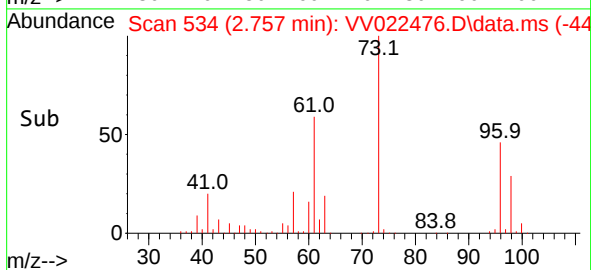
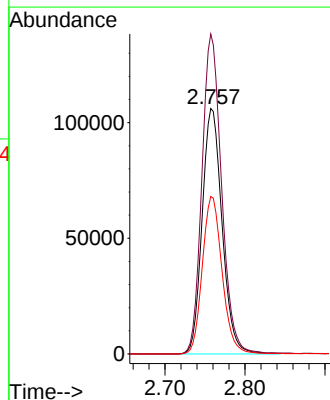
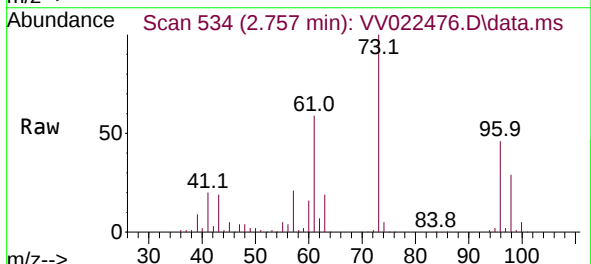
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

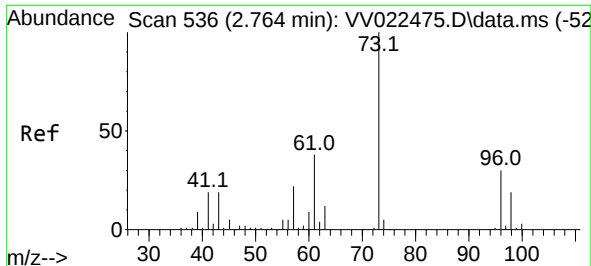
Tgt Ion:	84	Resp:	210905
Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.6	84.6
49	117.8	82.7	153.7



#17
trans-1,2-Dichloroethene
Concen: 97.764 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:	96	Resp:	184303
Ion	Ratio	Lower	Upper
96	100		
61	130.4	90.8	168.6
98	64.1	44.0	81.8

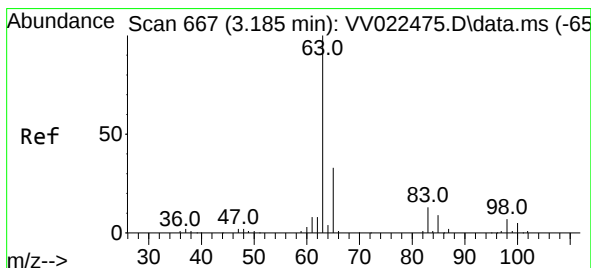
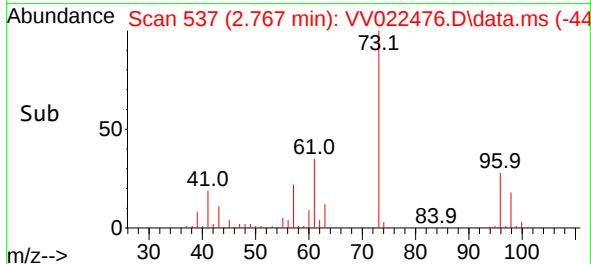
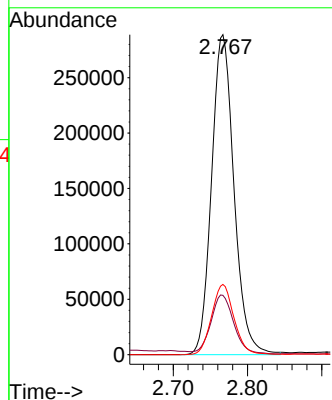
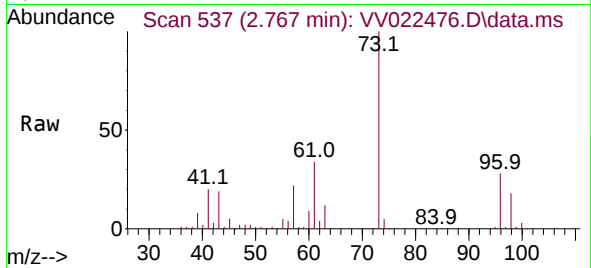




#18
Methyl tert-butyl Ether
Concen: 107.114 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

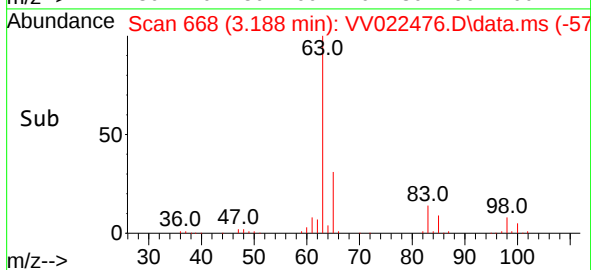
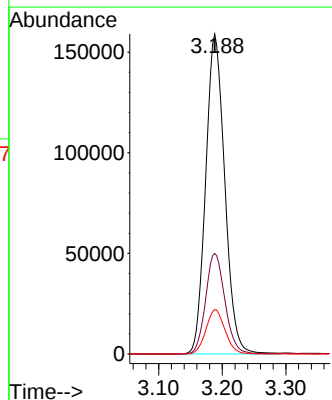
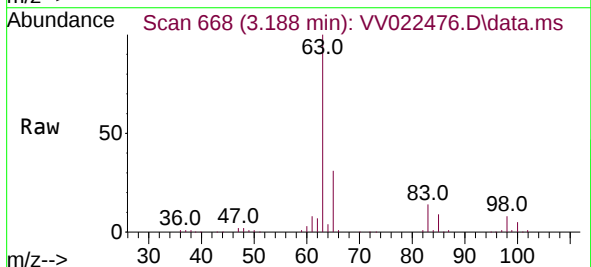
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

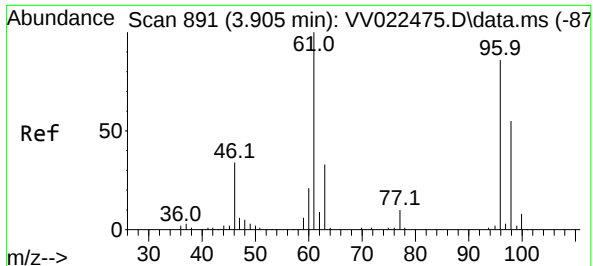
Tgt Ion: 73 Resp: 606703
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7
57 21.9 17.6 26.4



#19
1,1-Dichloroethane
Concen: 97.612 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 63 Resp: 330459
Ion Ratio Lower Upper
63 100
65 31.4 22.9 42.5
83 13.9 9.4 17.4





#20

cis-1,2-Dichloroethene

Concen: 101.115 ug/L

RT: 3.908 min Scan# 892

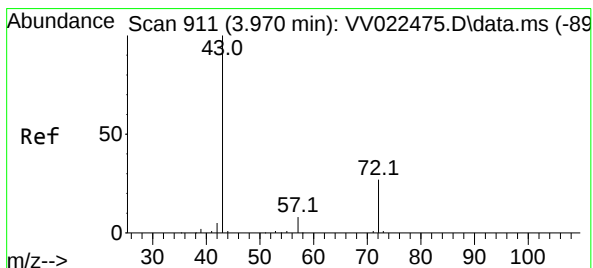
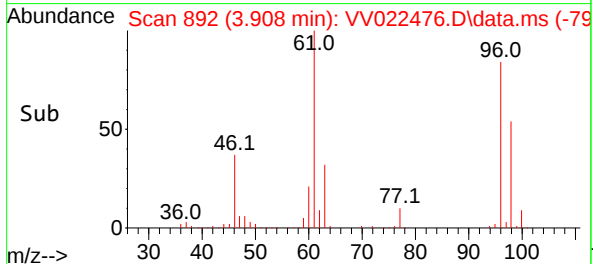
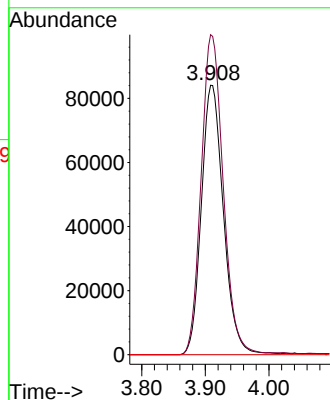
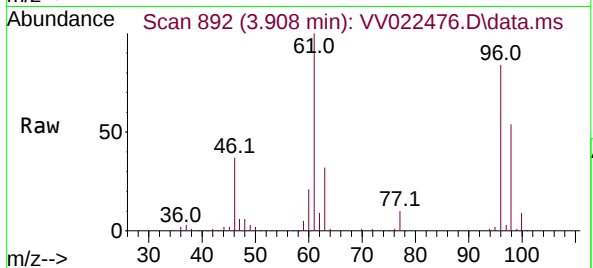
Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 96 Resp: 203027

Ion	Ratio	Lower	Upper
96	100		
61	118.7	81.9	152.1
68	0.0	0.0	0.0



#22

2-Butanone

Concen: 144.089 ug/L

RT: 3.976 min Scan# 913

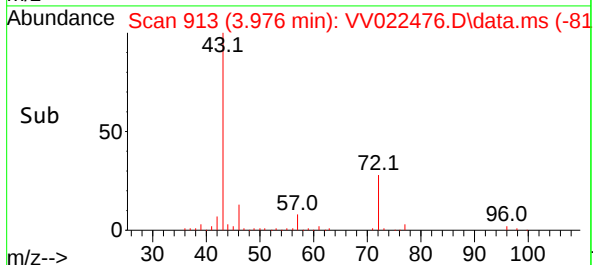
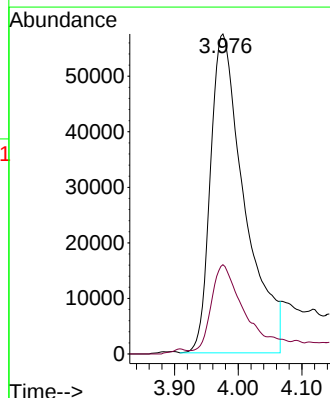
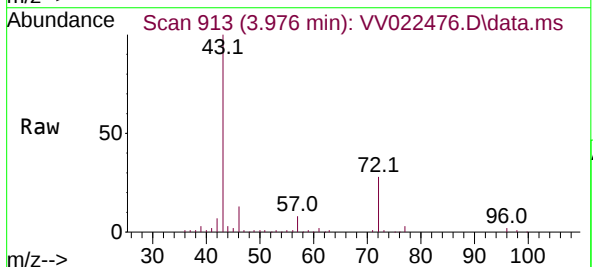
Delta R.T. 0.006 min

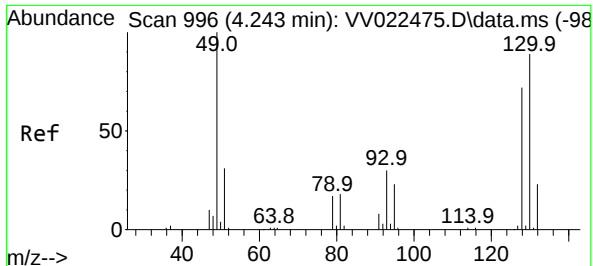
Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 43 Resp: 213241

Ion	Ratio	Lower	Upper
43	100		
72	24.2	10.0	29.8

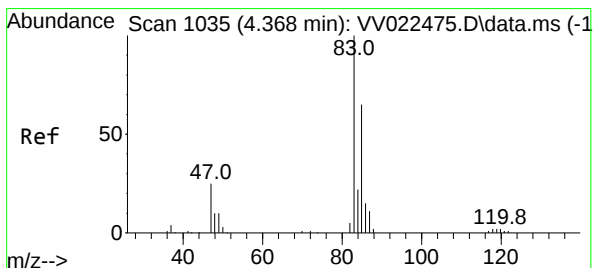
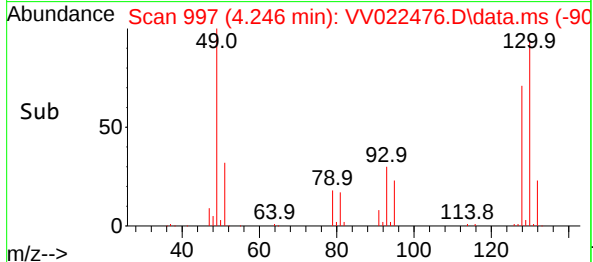
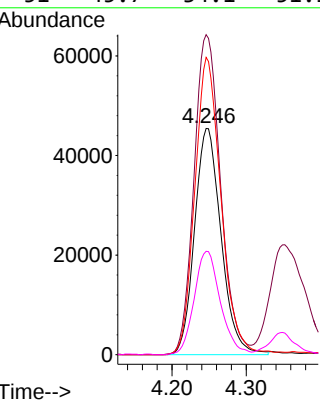
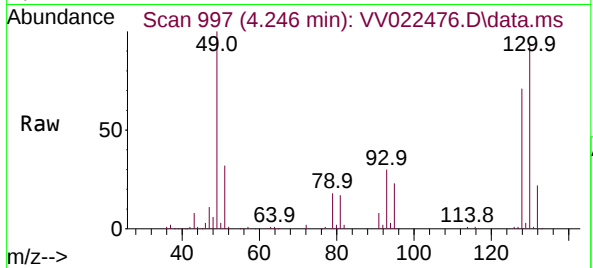




#23
Bromochloromethane
Concen: 103.288 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

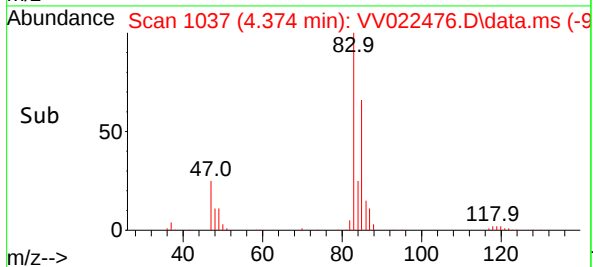
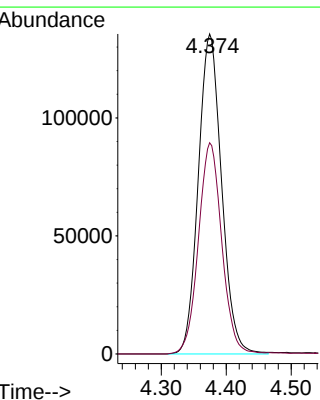
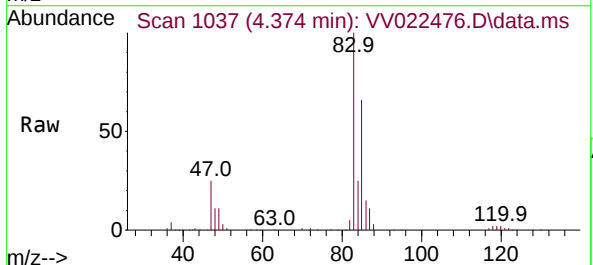
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

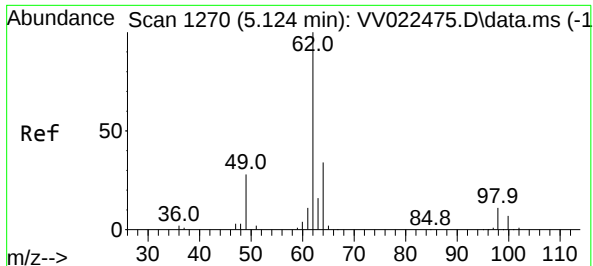
Tgt Ion:	128	Resp:	112741
Ion	Ratio	Lower	Upper
128	100		
49	141.4	97.2	180.4
130	131.3	86.3	160.3
51	45.7	34.1	51.1



#25
Chloroform
Concen: 96.986 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:	83	Resp:	337342
Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.8	85.0





#27

1,2-Dichloroethane

Concen: 99.213 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

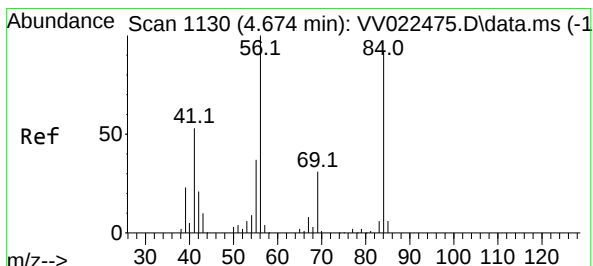
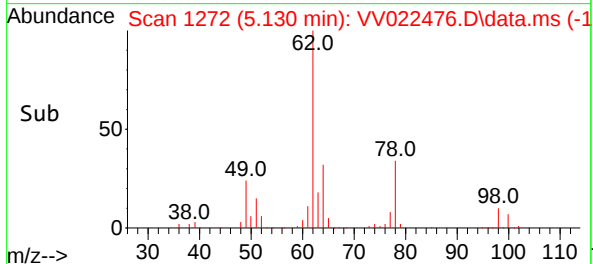
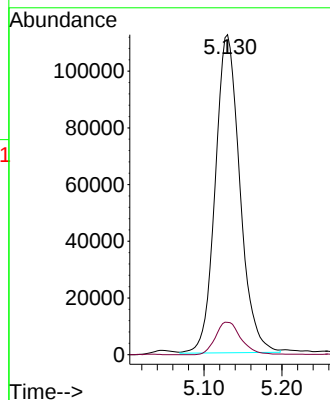
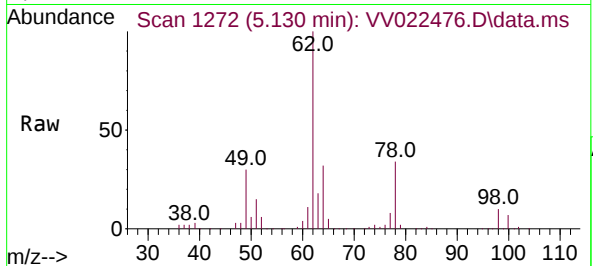
Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 62 Resp: 246441

Ion	Ratio	Lower	Upper
62	100		
98	10.1	9.0	13.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD100260



#29

Cyclohexane

Concen: 94.922 ug/L

RT: 4.677 min Scan# 1131

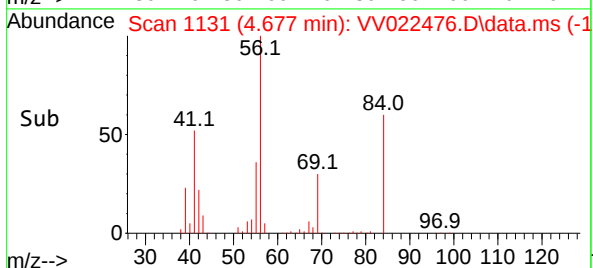
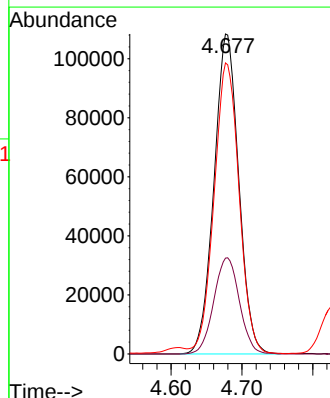
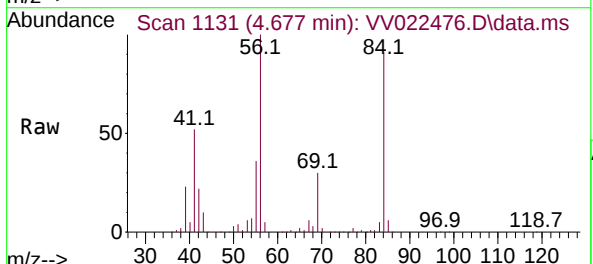
Delta R.T. 0.003 min

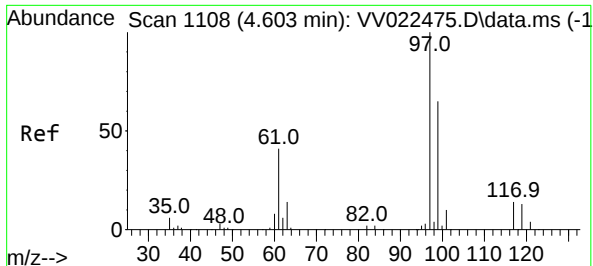
Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 56 Resp: 262930

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	91.8	73.9	110.9



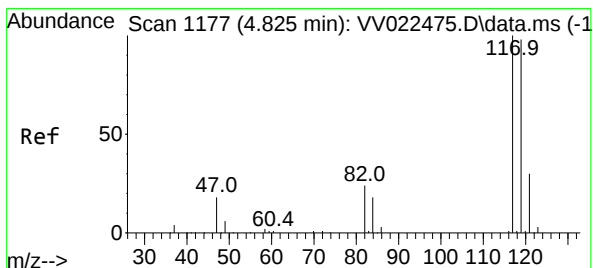
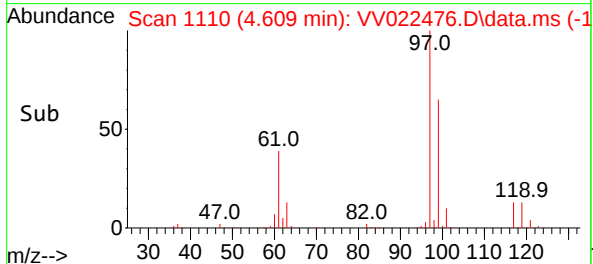
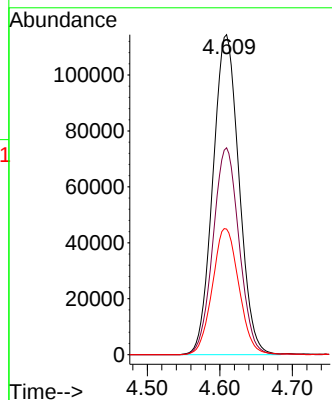
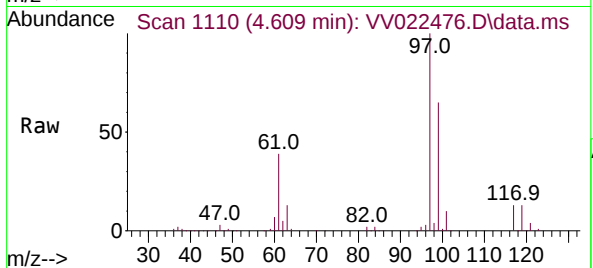


#30

1,1,1-Trichloroethane
Concen: 100.160 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

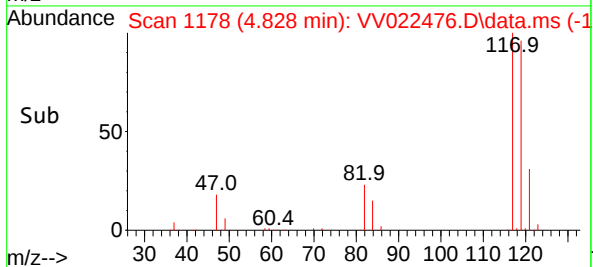
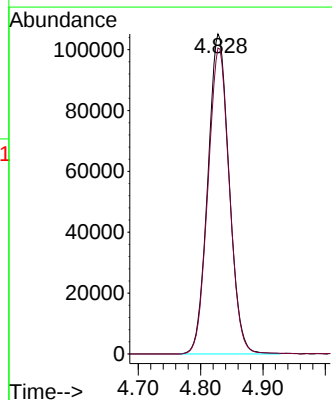
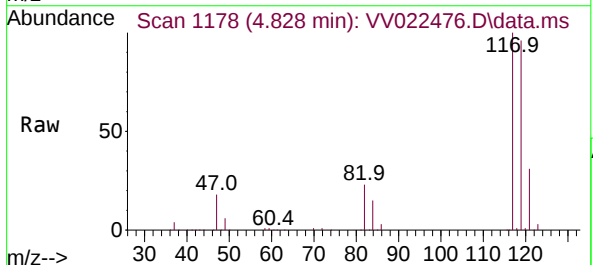
Tgt Ion: 97 Resp: 286607
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 40.0 32.9 49.3

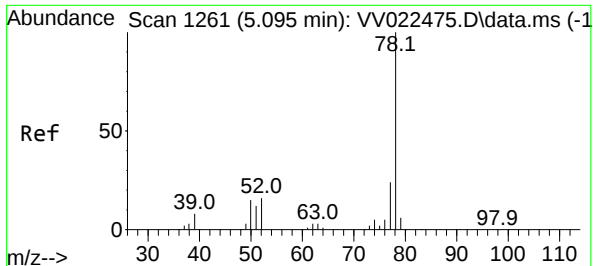


#31

Carbon tetrachloride
Concen: 99.082 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 117 Resp: 250039
Ion Ratio Lower Upper
117 100
119 95.7 78.3 117.5

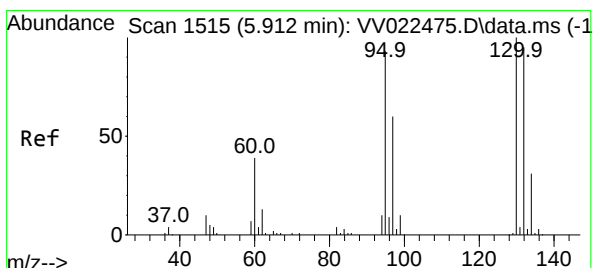
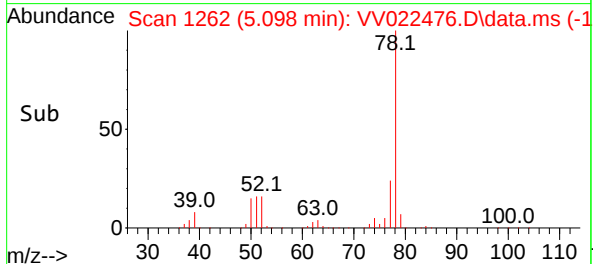
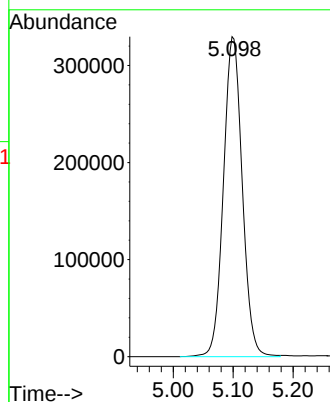
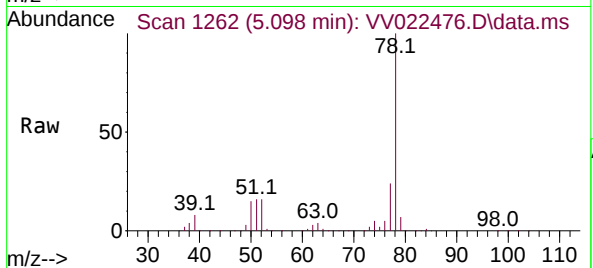




#33
Benzene
Concen: 99.483 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

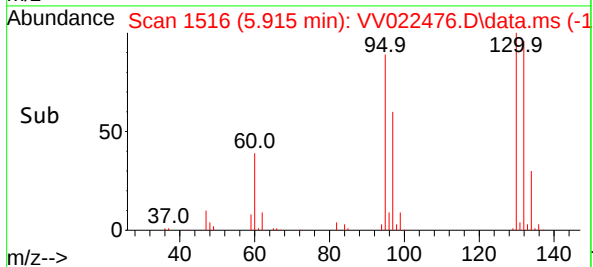
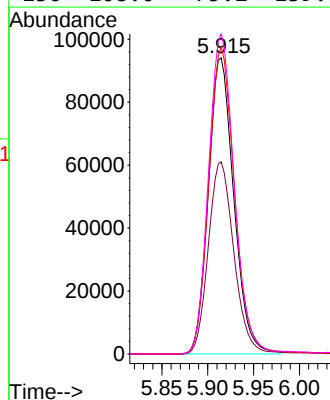
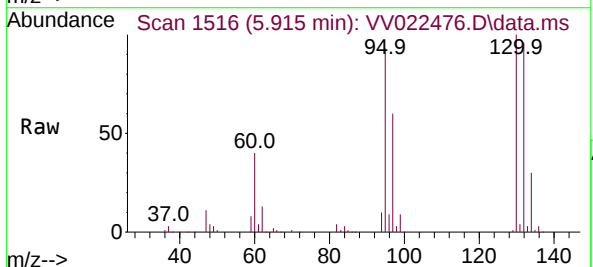
Tgt Ion: 78 Resp: 716492

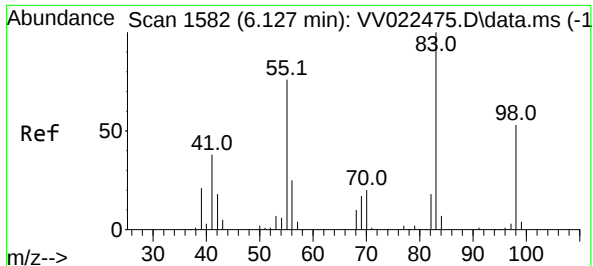


#34
Trichloroethene
Concen: 96.945 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 95 Resp: 181354

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.4	84.4
132	103.6	71.5	132.9
130	108.0	75.2	139.6





#35

Methylcyclohexane

Concen: 95.153 ug/L

RT: 6.133 min Scan# 1584

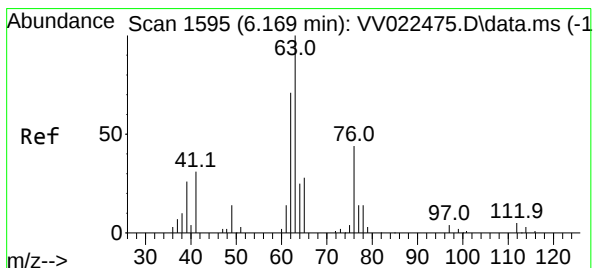
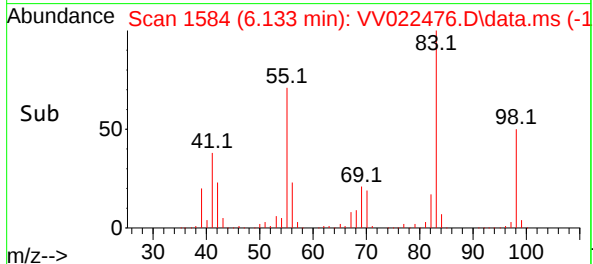
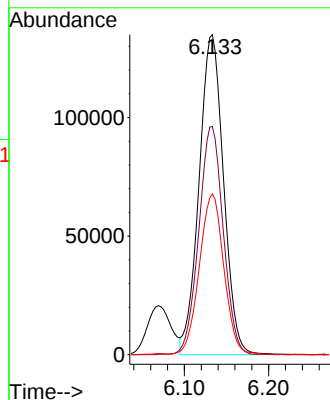
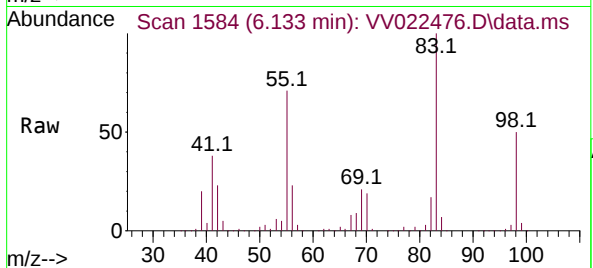
Delta R.T. 0.006 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 83 Resp: 273049

Ion	Ratio	Lower	Upper
83	100		
55	71.1	56.7	85.1
98	50.4	40.6	60.8



#37

1,2-Dichloropropane

Concen: 99.905 ug/L

RT: 6.172 min Scan# 1596

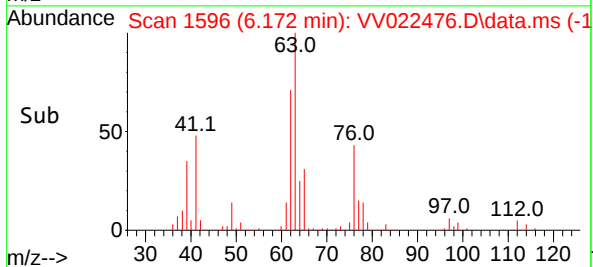
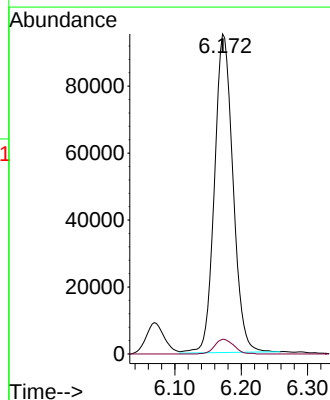
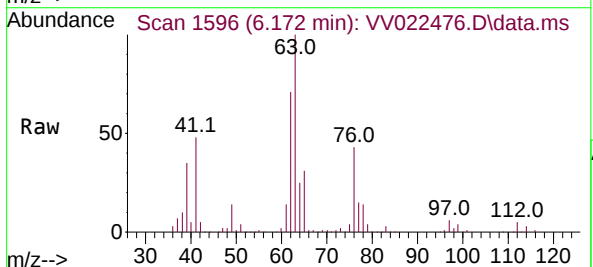
Delta R.T. 0.003 min

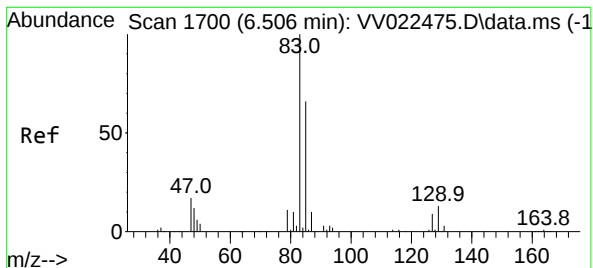
Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 63 Resp: 184795

Ion	Ratio	Lower	Upper
63	100		
112	4.7	4.1	6.1





#38

Bromodichloromethane

Concen: 106.063 ug/L

RT: 6.509 min Scan# 1701

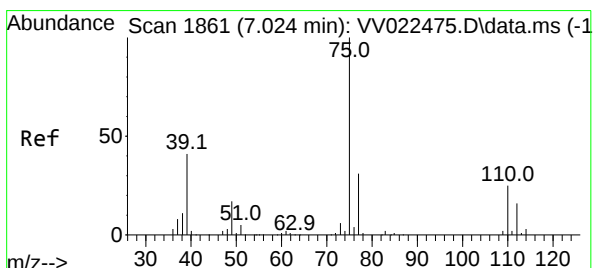
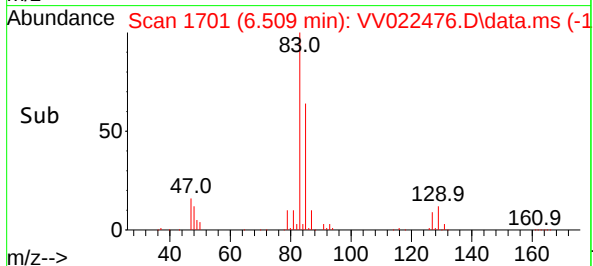
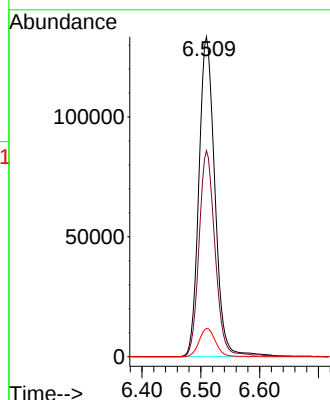
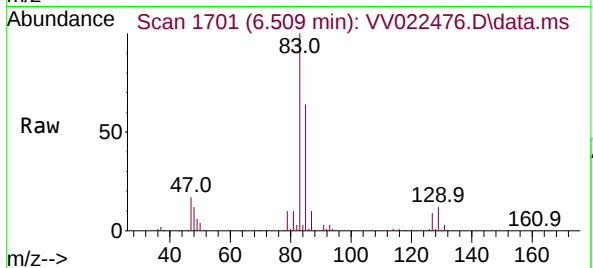
Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion:	83	Resp:	252351
Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.3	86.1
127	8.8	7.5	11.3

Instrument :
MSVOA_V
ClientSampleId :
VSTD100260



#39

cis-1,3-Dichloropropene

Concen: 111.746 ug/L

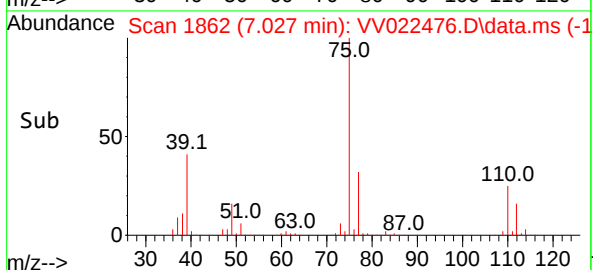
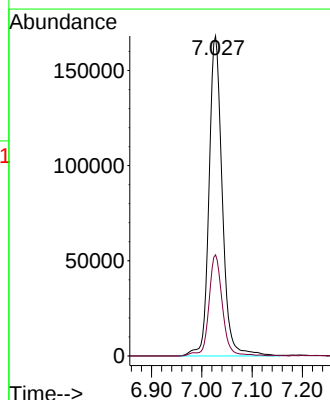
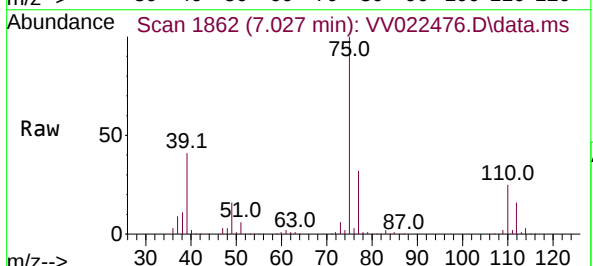
RT: 7.027 min Scan# 1862

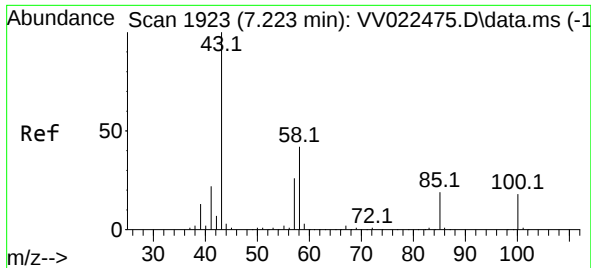
Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion:	75	Resp:	307166
Ion	Ratio	Lower	Upper
75	100		
77	31.6	21.6	40.2





#40

4-Methyl-2-pentanone

Concen: 224.258 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

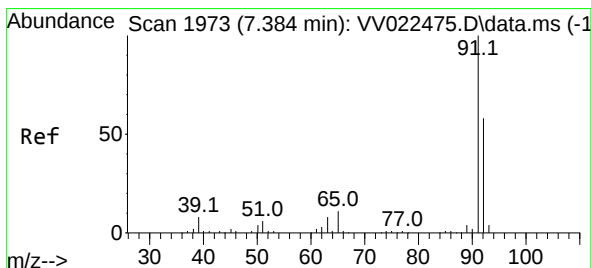
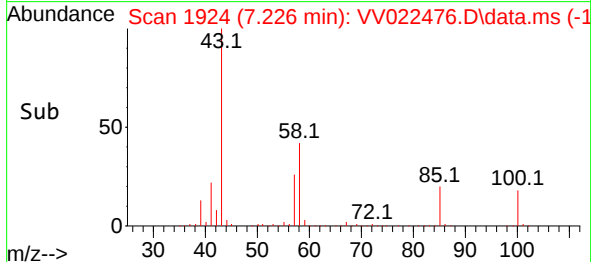
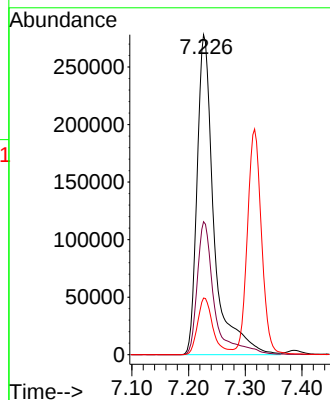
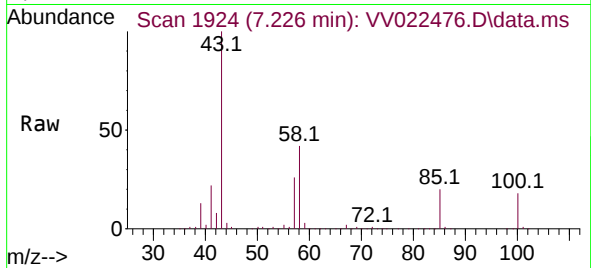
Tgt Ion: 43 Resp: 577549

Ion Ratio Lower Upper

43 100

58 42.0 32.5 48.7

100 16.3 13.9 20.9



#42

Toluene

Concen: 99.914 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV022476.D

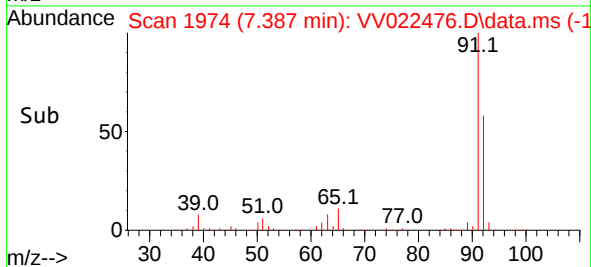
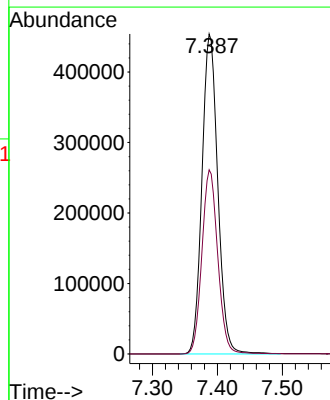
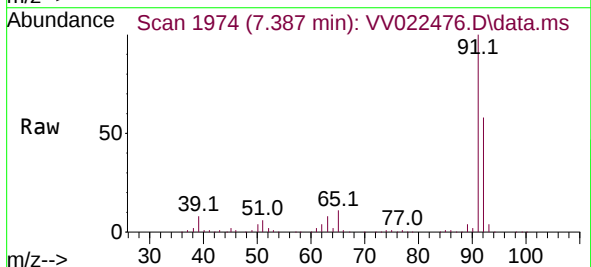
Acq: 01 Oct 2021 20:13

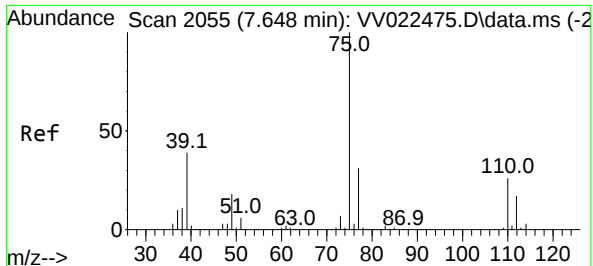
Tgt Ion: 91 Resp: 770810

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4

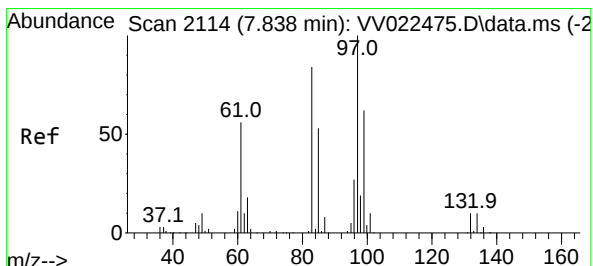
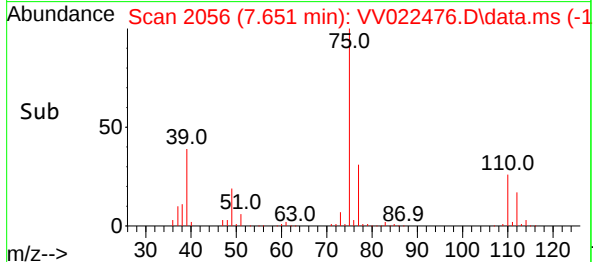
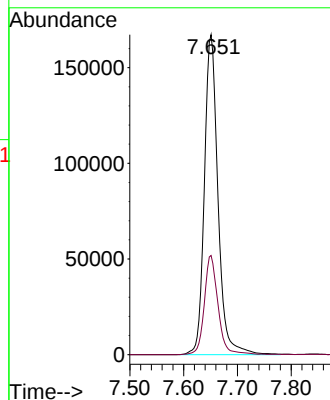
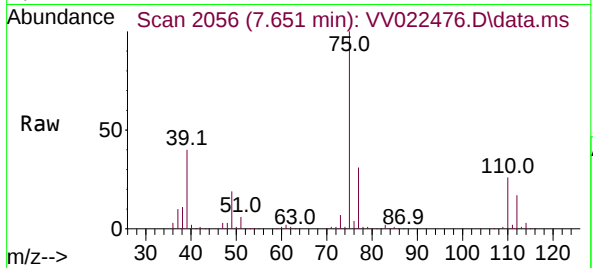




#44
trans-1,3-Dichloropropene
Concen: 112.447 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

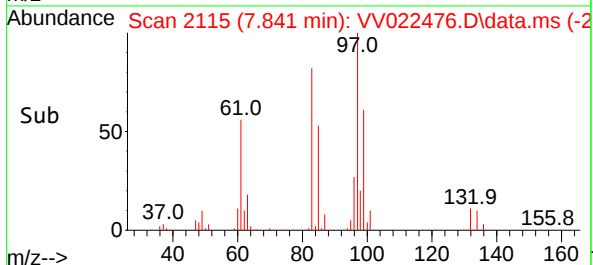
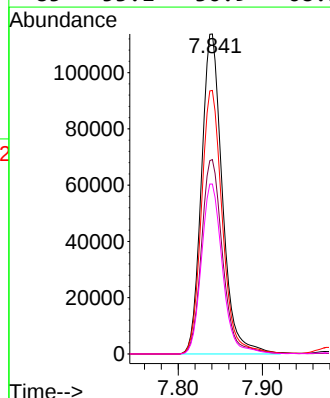
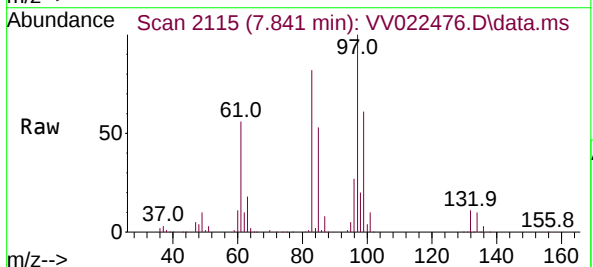
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

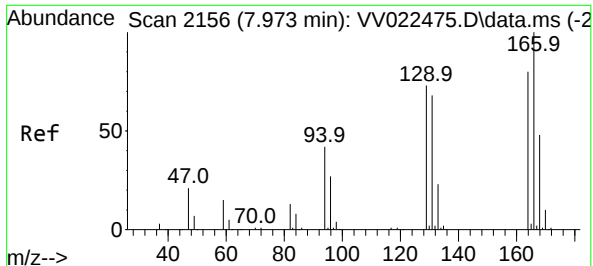
Tgt Ion: 75 Resp: 294732
Ion Ratio Lower Upper
75 100
77 31.0 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 103.610 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 97 Resp: 196884
Ion Ratio Lower Upper
97 100
99 60.8 43.1 80.1
83 82.3 58.6 108.8
85 53.1 36.9 68.5

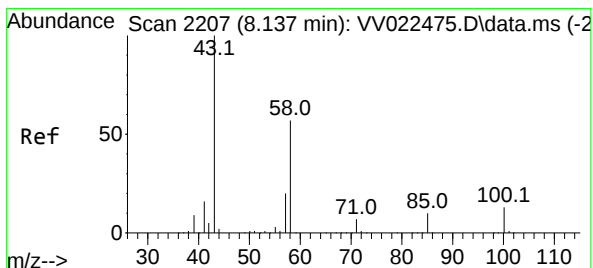
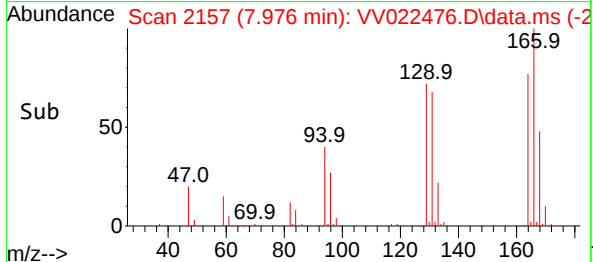
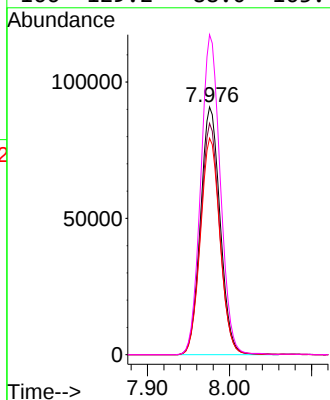
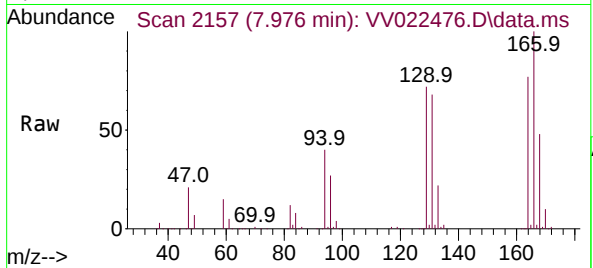




#46
Tetrachloroethene
Concen: 97.168 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

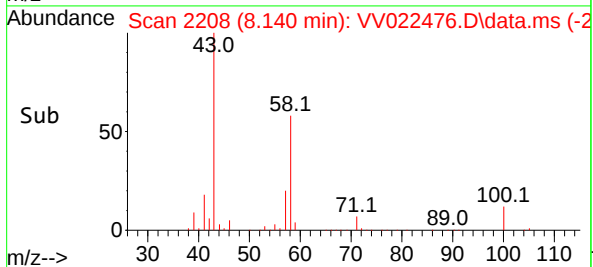
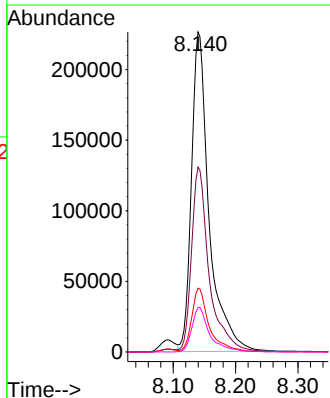
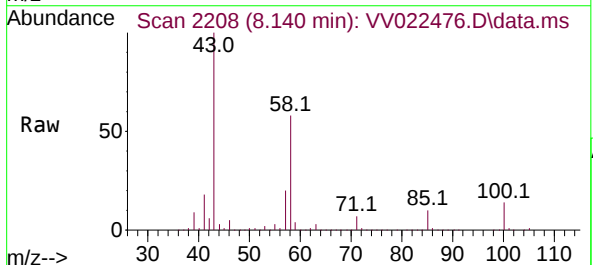
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

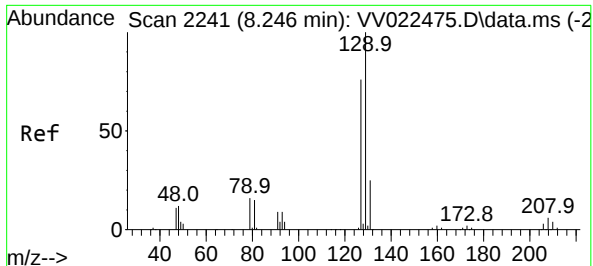
Tgt Ion:164 Resp: 151071
Ion Ratio Lower Upper
164 100
129 93.4 64.6 120.0
131 87.4 59.9 111.3
166 129.2 88.0 163.4



#48
2-Hexanone
Concen: 229.283 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 43 Resp: 443899
Ion Ratio Lower Upper
43 100
58 57.4 47.0 70.4
57 19.7 15.8 23.6
100 14.1 11.8 17.6





#49

Dibromochloromethane

Concen: 111.631 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion:129 Resp: 225996

Ion Ratio Lower Upper

129 100

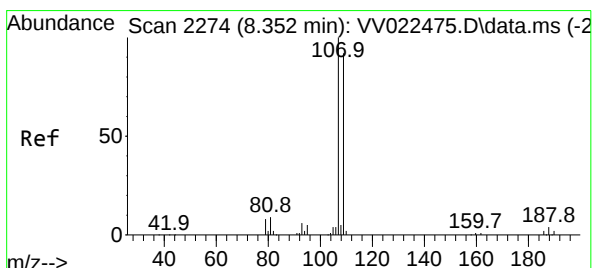
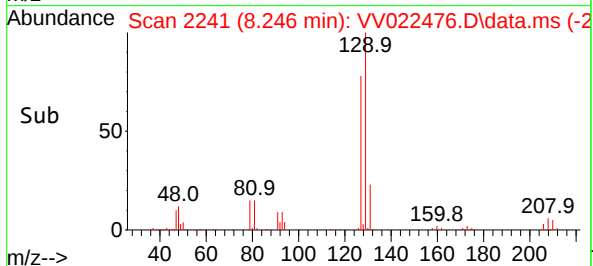
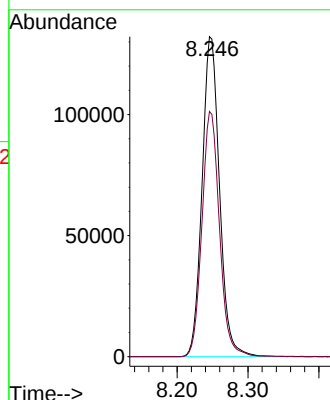
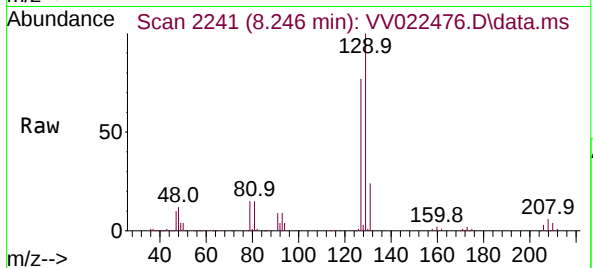
127 76.6 53.5 99.5

Instrument :

MSVOA_V

ClientSampleId :

VSTD100260



#50

1,2-Dibromoethane

Concen: 106.288 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

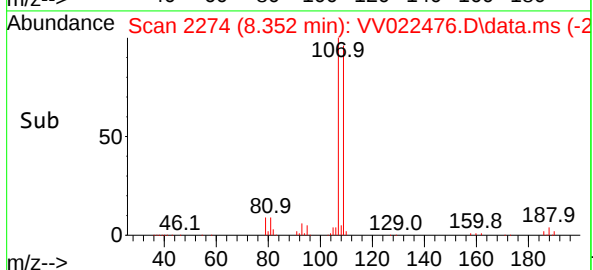
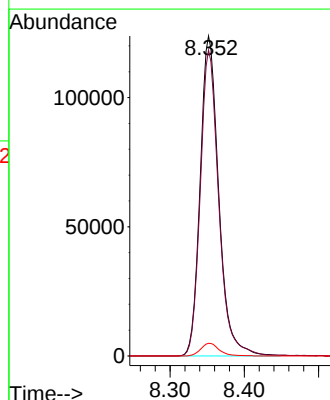
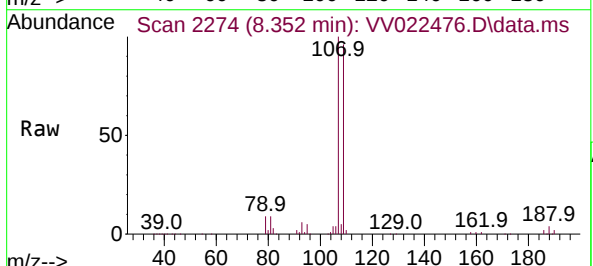
Tgt Ion:107 Resp: 215668

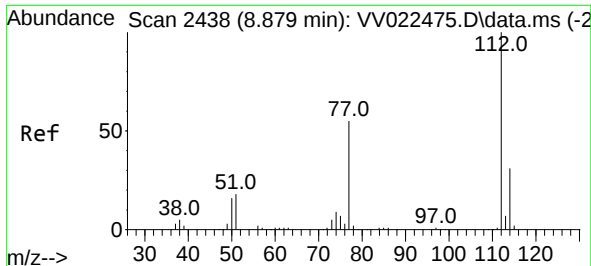
Ion Ratio Lower Upper

107 100

109 95.6 64.8 120.3

188 4.0 3.2 4.8

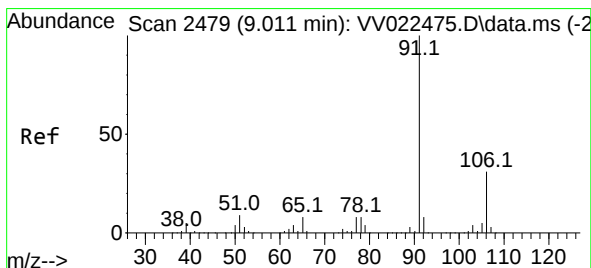
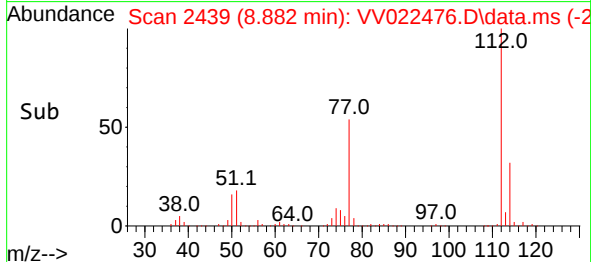
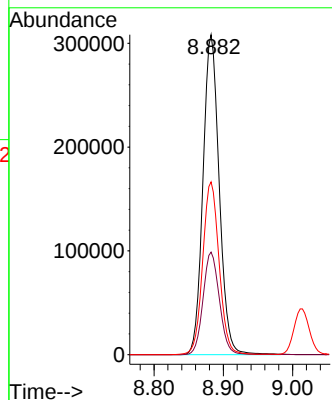
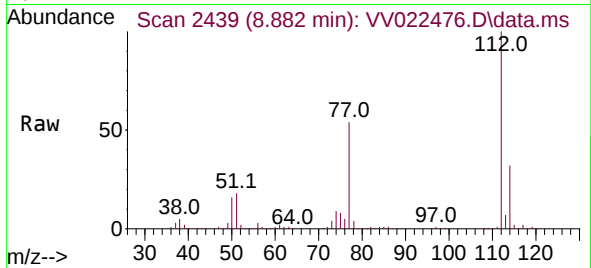




#51
Chlorobenzene
Concen: 98.849 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

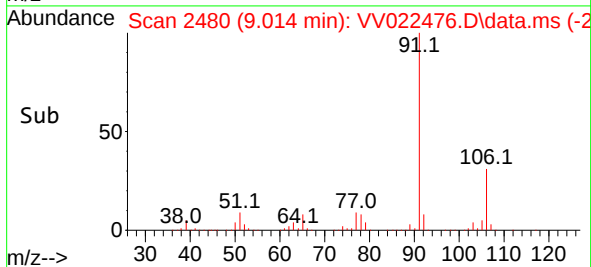
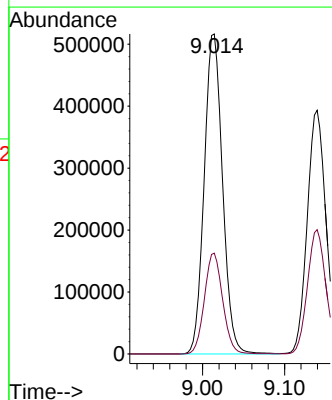
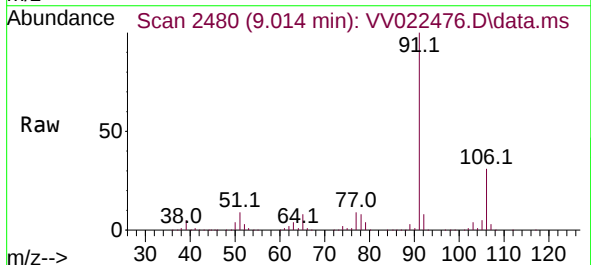
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

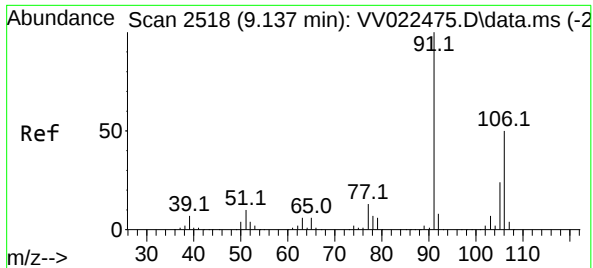
Tgt Ion:112 Resp: 501284
Ion Ratio Lower Upper
112 100
114 32.1 22.0 40.8
77 54.0 44.0 66.0



#52
Ethylbenzene
Concen: 99.537 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 91 Resp: 802467
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0

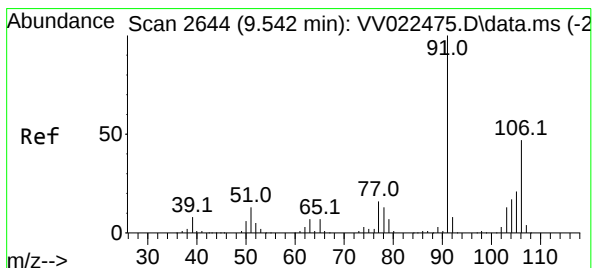
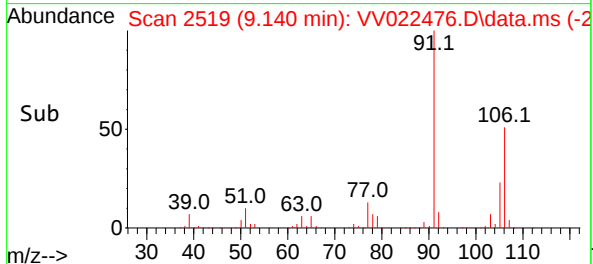
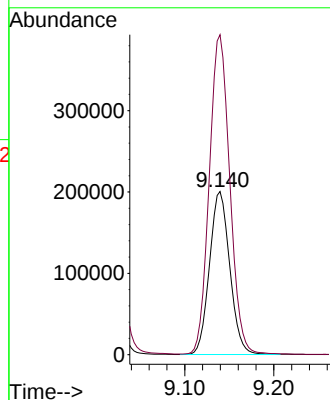
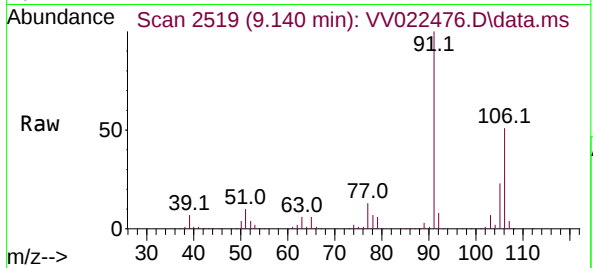




#53
m,p-Xylene
Concen: 101.499 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

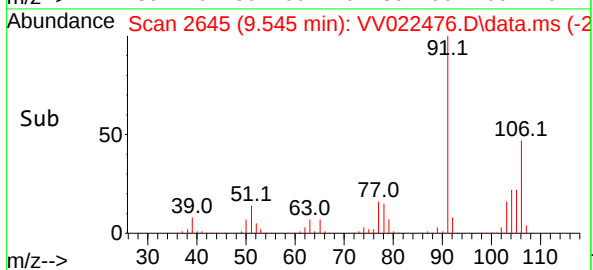
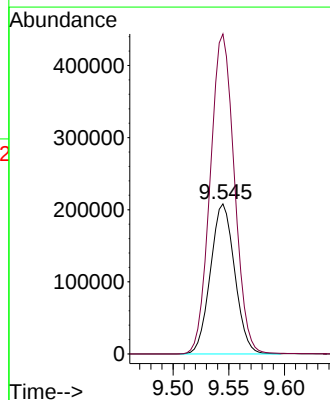
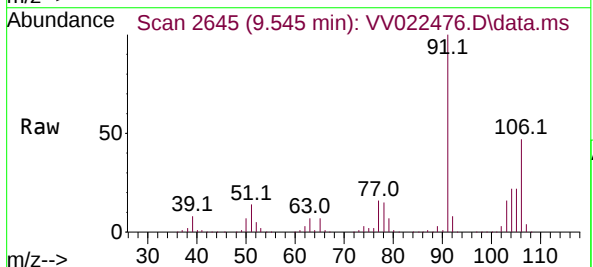
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

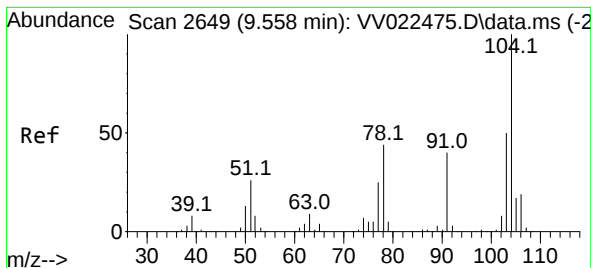
Tgt Ion:106 Resp: 316392
Ion Ratio Lower Upper
106 100
91 196.0 139.4 258.8



#54
o-Xylene
Concen: 103.678 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:106 Resp: 314826
Ion Ratio Lower Upper
106 100
91 213.2 148.7 276.1





#55

Styrene

Concen: 105.668 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion:104 Resp: 555475

Ion Ratio Lower Upper

104 100

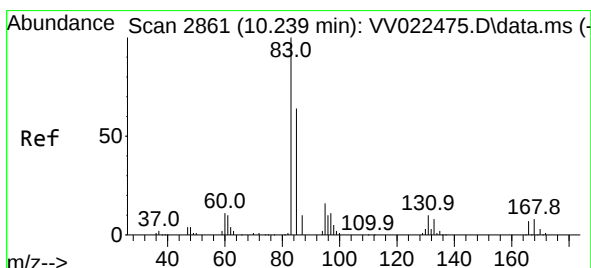
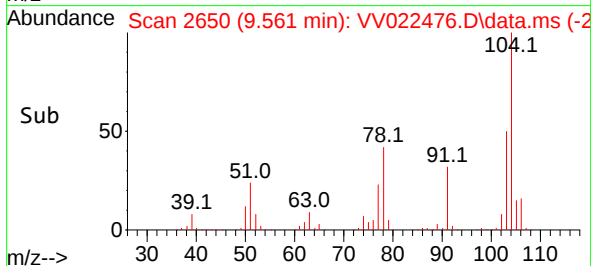
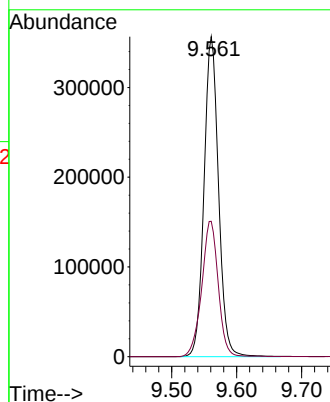
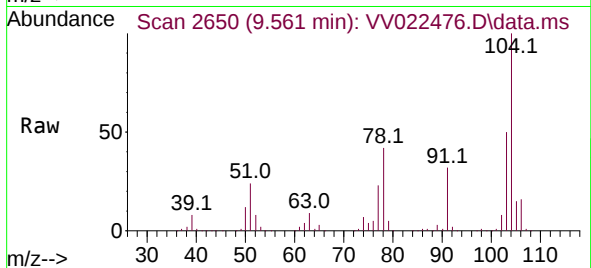
78 42.3 30.6 56.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD100260



#57

1,1,2,2-Tetrachloroethane

Concen: 99.555 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

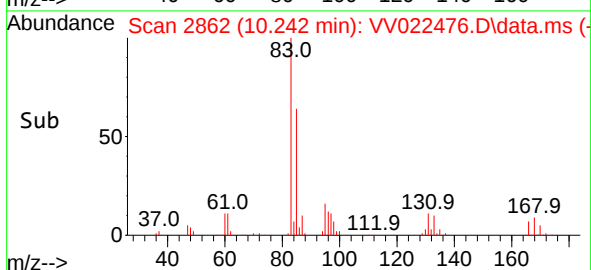
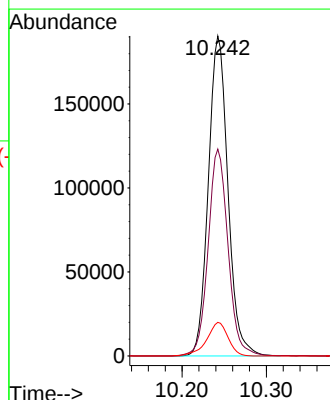
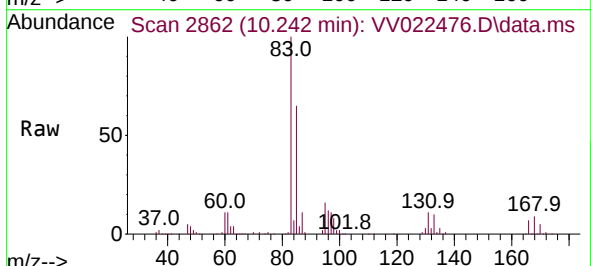
Tgt Ion: 83 Resp: 308188

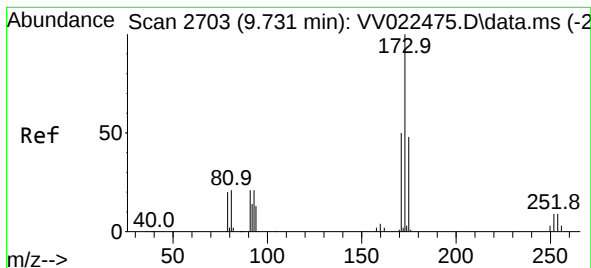
Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

131 10.5 8.2 12.4





#59

Bromoform

Concen: 118.405 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

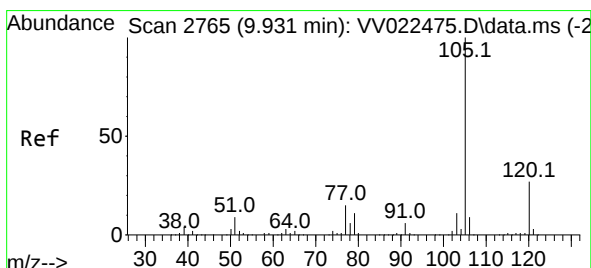
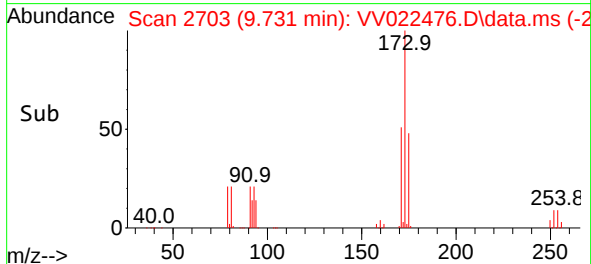
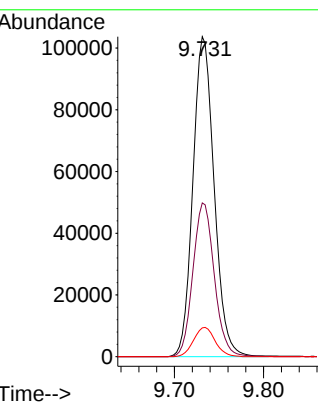
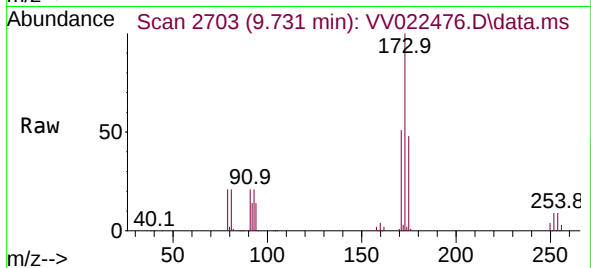
Tgt Ion:173 Resp: 171188

Ion Ratio Lower Upper

173 100

175 48.5 38.3 57.5

254 9.4 7.0 10.6



#60

Isopropylbenzene

Concen: 104.005 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. -0.000 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

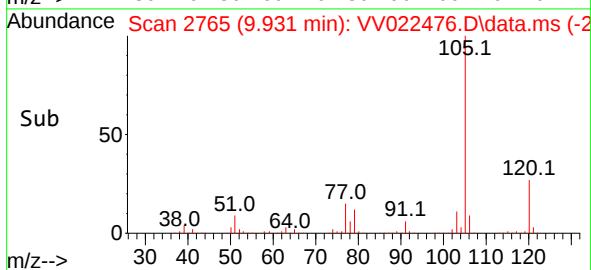
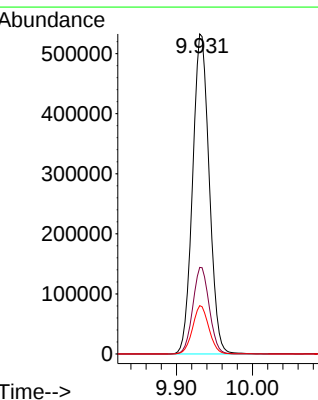
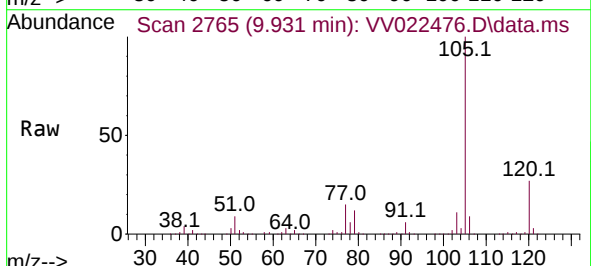
Tgt Ion:105 Resp: 807508

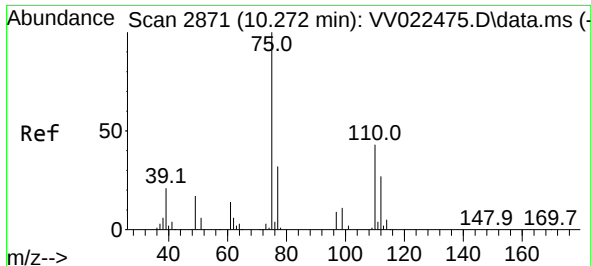
Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

77 14.8 12.0 18.0

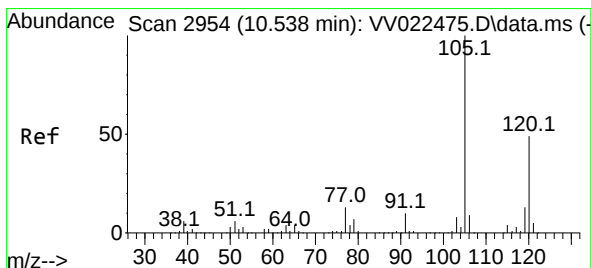
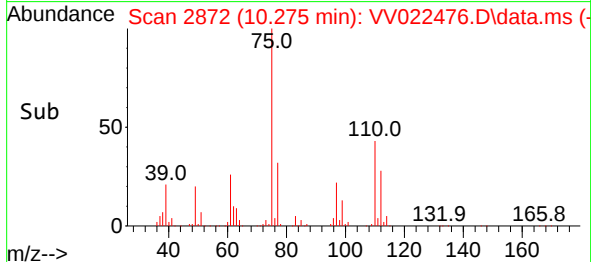
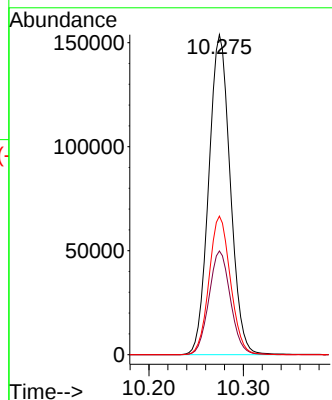
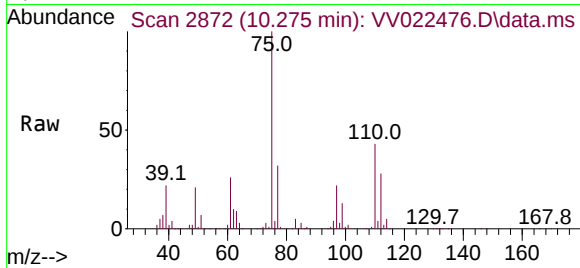




#61
1,2,3-Trichloropropane
Concen: 103.903 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

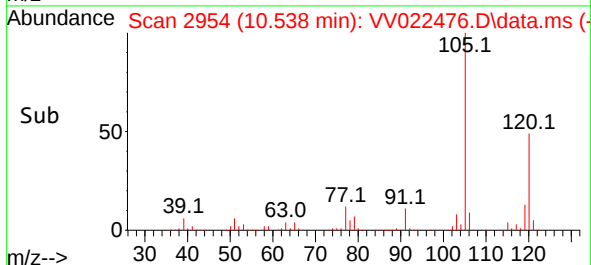
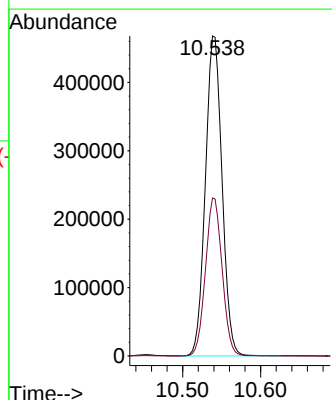
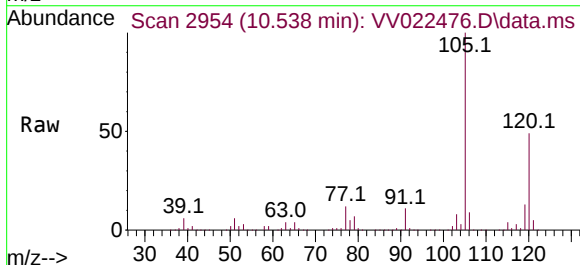
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

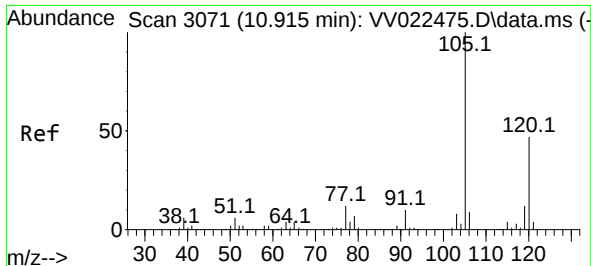
Tgt Ion: 75 Resp: 242825
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 43.1 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 107.994 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion: 105 Resp: 694481
Ion Ratio Lower Upper
105 100
120 49.4 39.7 59.5

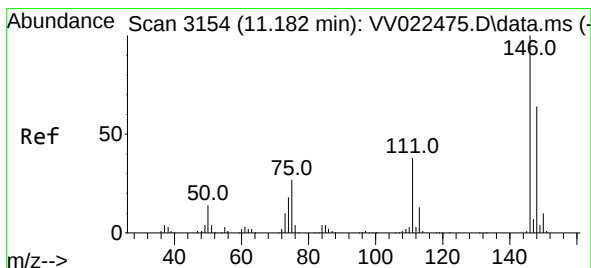
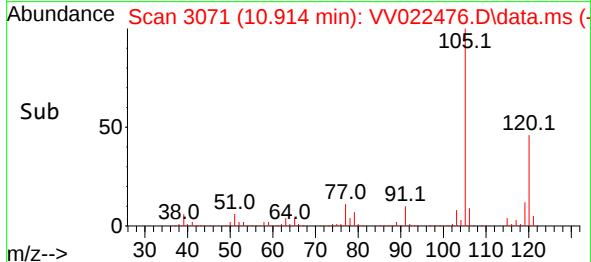
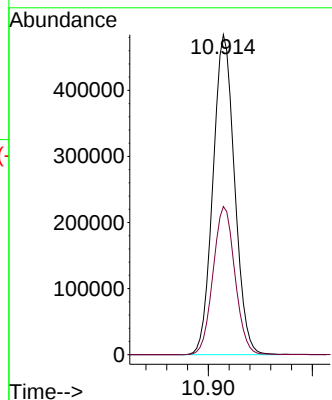
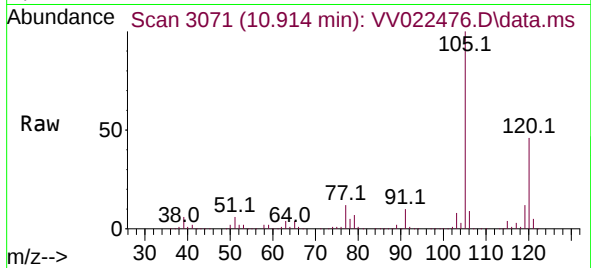




#63
1,2,4-Trimethylbenzene
Concen: 108.149 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

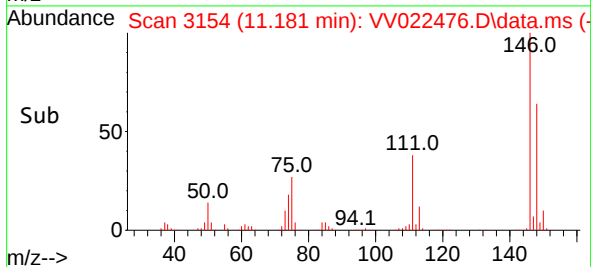
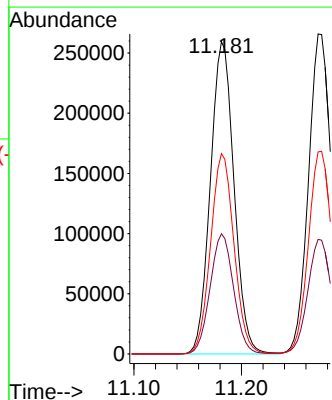
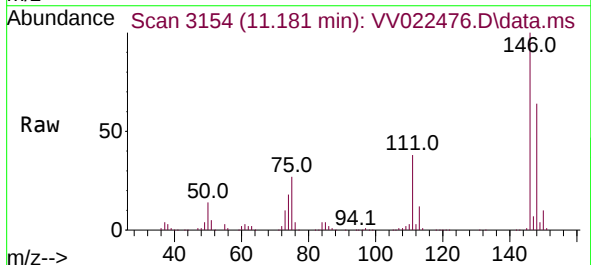
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

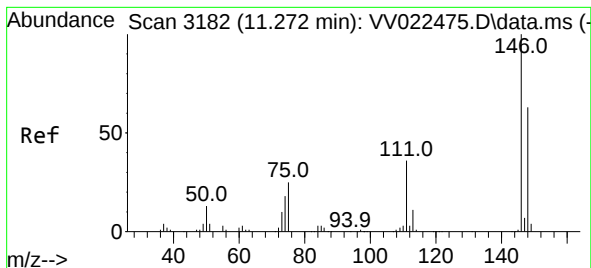
Tgt Ion:105 Resp: 699436
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.0



#64
1,3-Dichlorobenzene
Concen: 100.458 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:146 Resp: 396211
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.3
148 64.1 44.6 82.8

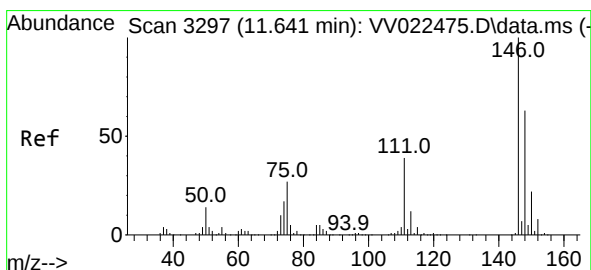
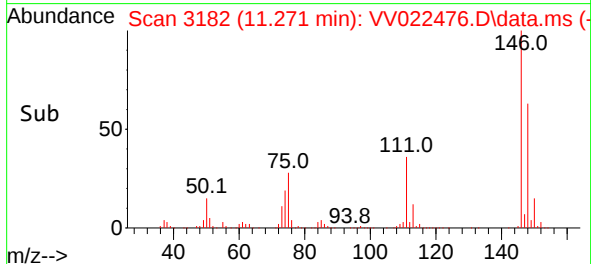
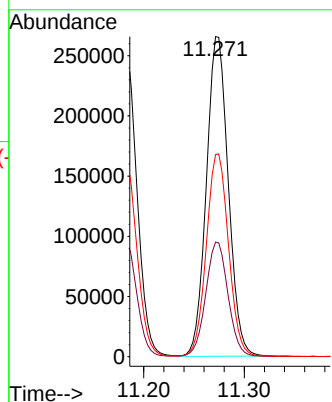
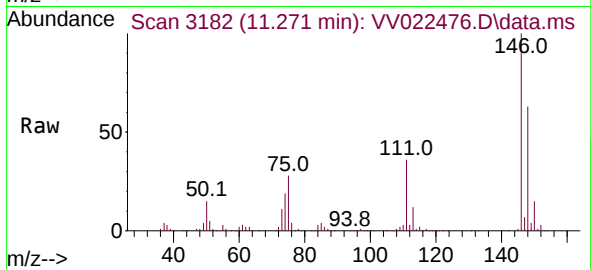




#65
1,4-Dichlorobenzene
Concen: 99.762 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

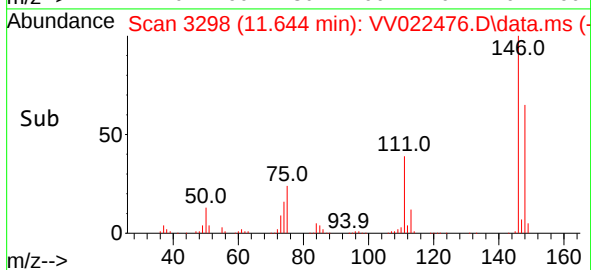
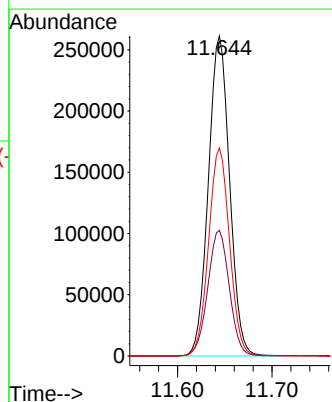
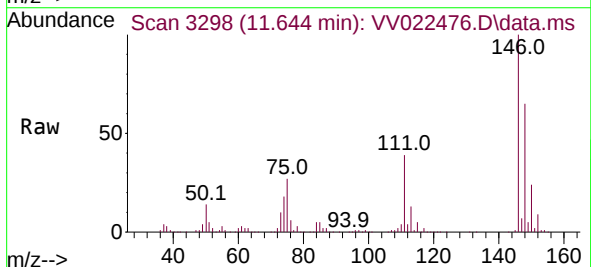
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

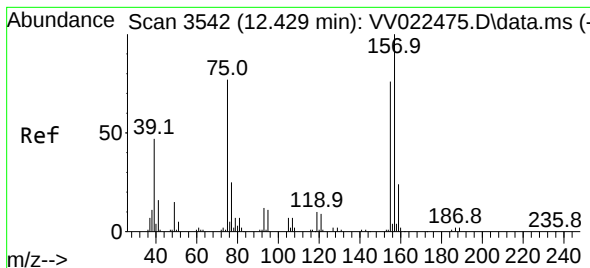
Tgt Ion:146 Resp: 401877
Ion Ratio Lower Upper
146 100
111 35.8 25.5 47.3
148 63.1 43.9 81.5



#67
1,2-Dichlorobenzene
Concen: 101.136 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:146 Resp: 407314
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 65.0 50.4 75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 119.008 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion: 75 Resp: 73753

Ion Ratio Lower Upper

75 100

155 98.9 79.1 118.7

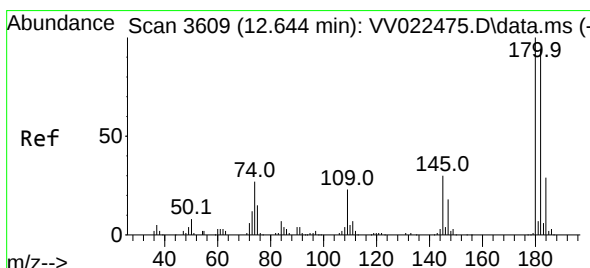
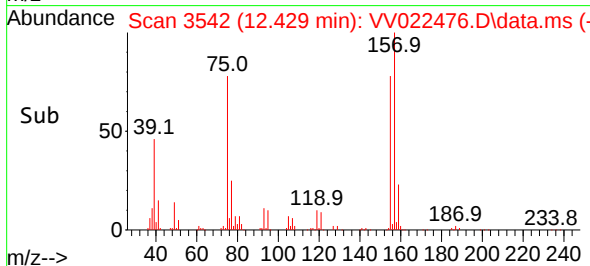
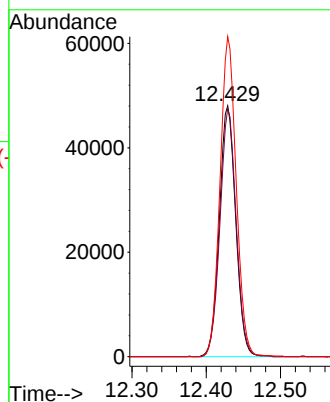
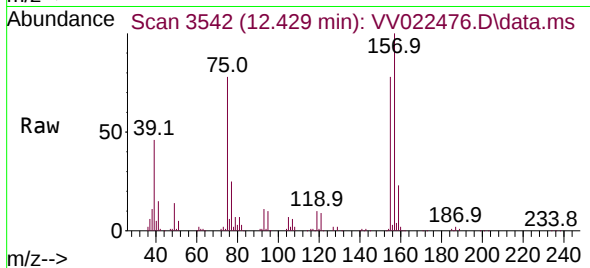
157 127.6 104.2 156.2

Instrument :

MSVOA_V

ClientSampleId :

VSTD100260



#69

1,3,5-Trichlorobenzene

Concen: 102.114 ug/L

RT: 12.647 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV022476.D

Acq: 01 Oct 2021 20:13

Tgt Ion:180 Resp: 293129

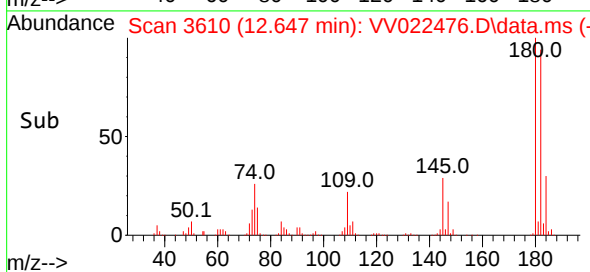
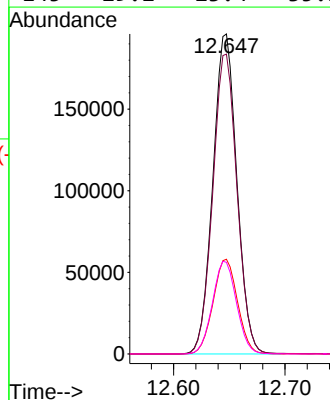
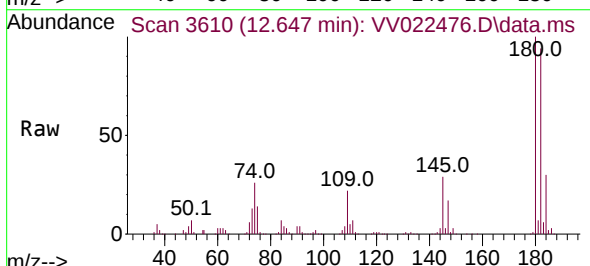
Ion Ratio Lower Upper

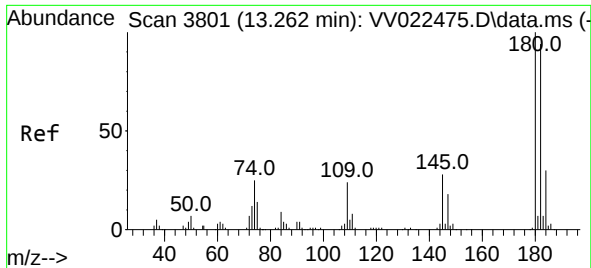
180 100

182 94.8 75.0 112.4

184 30.2 23.6 35.4

145 29.2 23.4 35.2

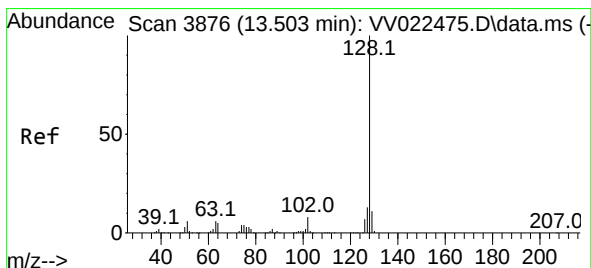
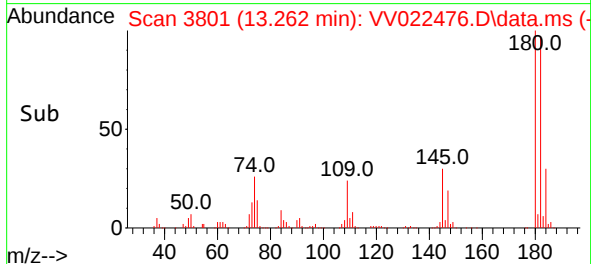
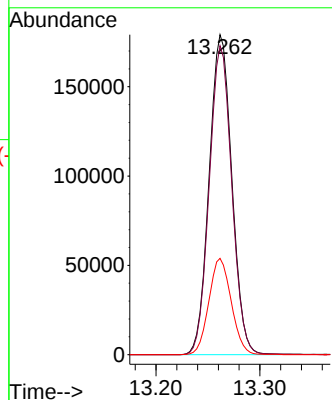
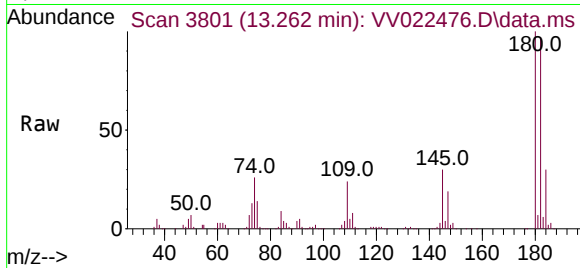




#70
1,2,4-trichlorobenzene
Concen: 110.751 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

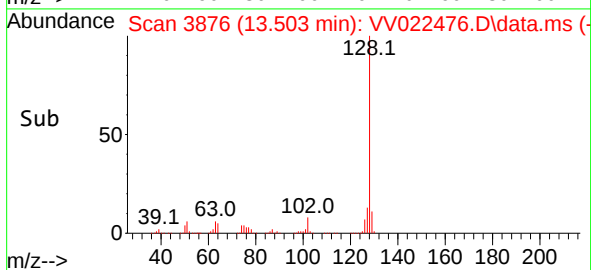
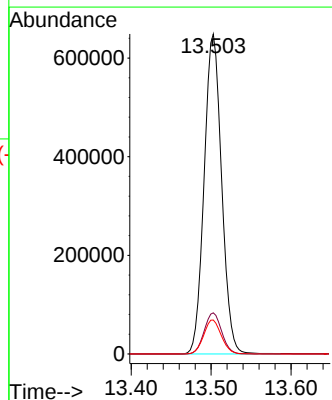
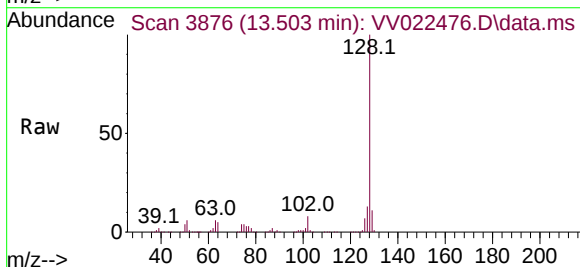
Instrument :
MSVOA_V
ClientSampleId :
VSTD100260

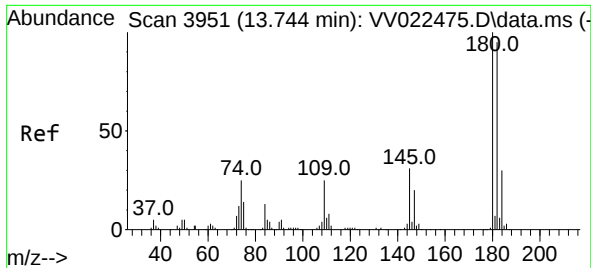
Tgt Ion:180 Resp: 272103
Ion Ratio Lower Upper
180 100
182 95.5 75.5 113.3
145 29.6 23.0 34.4



#71
Naphthalene
Concen: 130.410 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022476.D
Acq: 01 Oct 2021 20:13

Tgt Ion:128 Resp: 988676
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 112.688 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VV022476.D
 Acq: 01 Oct 2021 20:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100260

Tgt Ion:180 Resp: 285389
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.1 114.1
 145 31.2 24.6 36.8

