

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022477.D
 Acq On : 01 Oct 2021 20:37
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200261

Quant Time: Oct 02 00:41:38 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	252727	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	240771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	295592	146.074	ug/L	0.00
7) Chloroethane-d5	1.564	69	238823	149.272	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	595631	165.858	ug/L	0.00
21) 2-Butanone-d5	3.886	46	350297	260.067	ug/L	0.00
24) Chloroform-d	4.346	84	579984	158.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	341053	153.225	ug/L	0.00
32) Benzene-d6	5.050	84	1125343	158.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	348074	152.755	ug/L	0.00
41) Toluene-d8	7.316	98	1058754	162.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	180442	172.748	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	341944	375.303	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	496623	151.348	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	443293	155.644	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	447488	183.800	ug/L	99
3) Chloromethane	1.236	50	465002	188.071	ug/L	100
5) Vinyl chloride	1.307	62	443719	191.256	ug/L	98
6) Bromomethane	1.519	94	314914	208.526	ug/L	99
8) Chloroethane	1.584	64	267691	189.022	ug/L	99
9) Trichlorofluoromethane	1.751	101	601220	190.356	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	332134	186.770	ug/L	99
12) 1,1-Dichloroethene	2.114	96	328642	195.412	ug/L	98
13) Acetone	2.185	43	288741	253.620	ug/L #	41
14) Carbon disulfide	2.291	76	1026847	197.584	ug/L	99
15) Methyl Acetate	2.429	43	376552	176.720	ug/L	98
16) Methylene chloride	2.503	84	419484	181.713	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	373291	195.038	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	1238401	215.356	ug/L	99
19) 1,1-Dichloroethane	3.188	63	661427	192.438	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	415564	203.857	ug/L	99
22) 2-Butanone	3.969	43	449597	299.232	ug/L	90
23) Bromochloromethane	4.246	128	229619	207.207	ug/L	98
25) Chloroform	4.371	83	683760	193.627	ug/L	100
27) 1,2-Dichloroethane	5.127	62	497549	197.295	ug/L	98
29) Cyclohexane	4.677	56	544642	193.667	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	591506	203.602	ug/L	99
31) Carbon tetrachloride	4.828	117	516588	201.627	ug/L	99
33) Benzene	5.098	78	1460645	199.757	ug/L	100
34) Trichloroethene	5.911	95	374460	197.160	ug/L	99
35) Methylcyclohexane	6.130	83	558324	191.639	ug/L	99
37) 1,2-Dichloropropane	6.172	63	373374	198.820	ug/L	99
38) Bromodichloromethane	6.509	83	519589	215.098	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	632663	226.699	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	1141291	436.489	ug/L	99
42) Toluene	7.387	91	1573672	200.914	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	605712	227.617	ug/L	99

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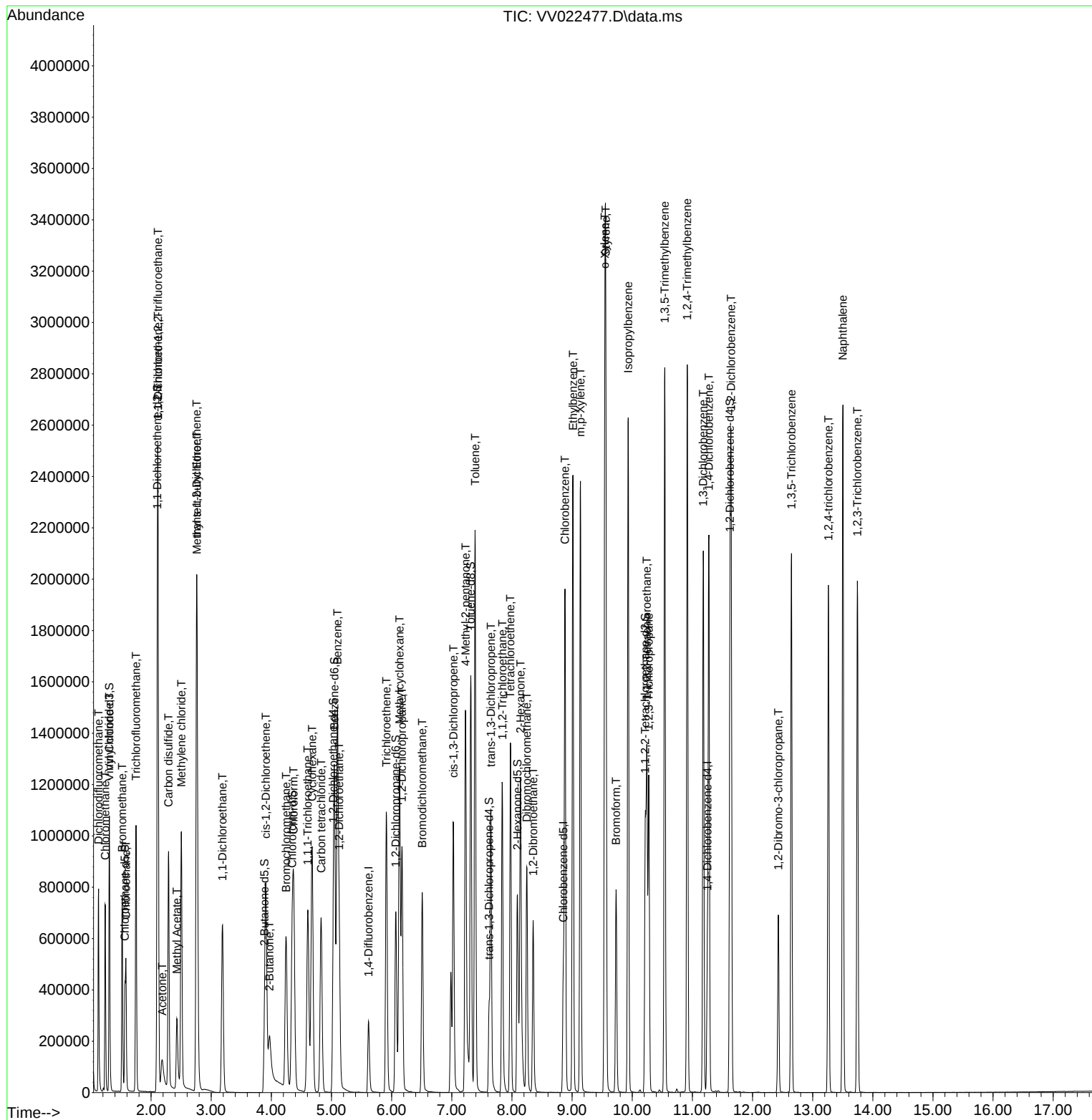
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	387103	200.647	ug/L	98
46) Tetrachloroethene	7.976	164	308964	195.734	ug/L	99
48) 2-Hexanone	8.143	43	879946	447.673	ug/L	99
49) Dibromochloromethane	8.246	129	465908	226.673	ug/L	99
50) 1,2-Dibromoethane	8.352	107	431987	209.695	ug/L	98
51) Chlorobenzene	8.882	112	1038379	201.680	ug/L	99
52) Ethylbenzene	9.014	91	1672083	204.284	ug/L	100
53) m,p-Xylene	9.140	106	662675	209.388	ug/L	100
54) o-Xylene	9.545	106	651674	211.379	ug/L	100
55) Styrene	9.561	104	1154849	216.383	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	622100	197.935	ug/L	100
59) Bromoform	9.731	173	362377	232.477	ug/L	99
60) Isopropylbenzene	9.934	105	1677984	200.455	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	486861	193.224	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	1475916	212.874	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	1495622	214.496	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	851276	200.192	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	863815	198.889	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	865455	199.316	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	152214	227.810	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	646970	209.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	603652	227.889	ug/L	99
71) Naphthalene	13.503	128	2068263	253.036	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	605720	221.836	ug/L	99

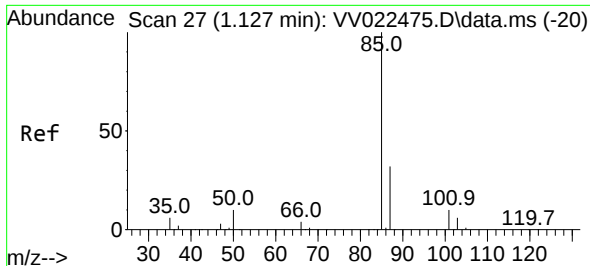
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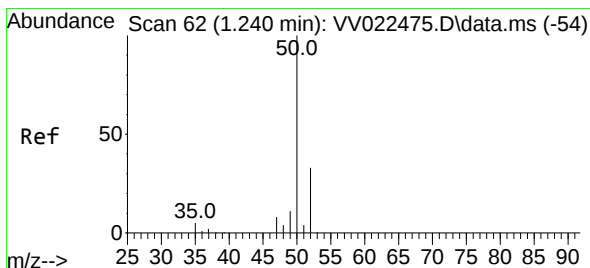
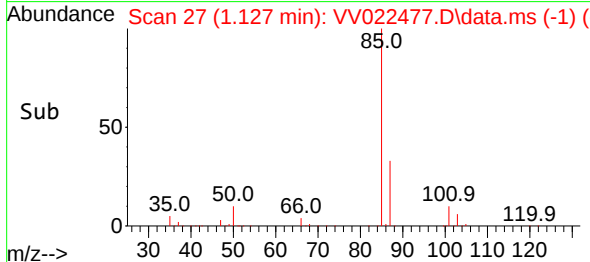
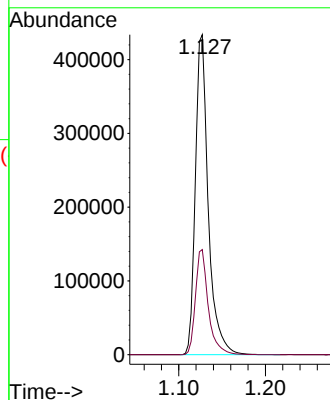
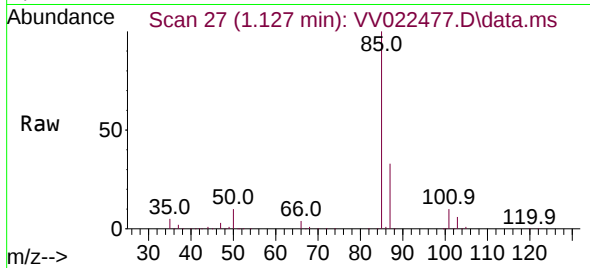




#2
 Dichlorodifluoromethane
 Concen: 183.800 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

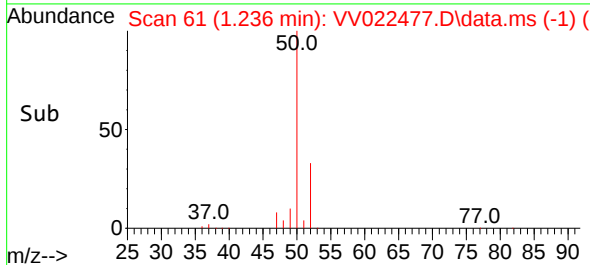
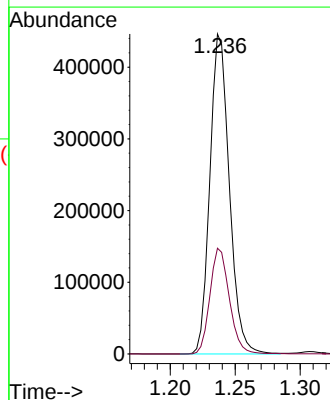
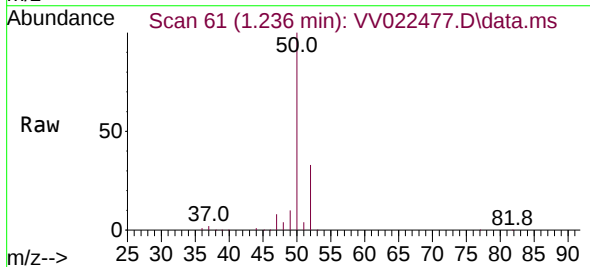
Instrument :
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 ClientSampleId :
 VSTD200261

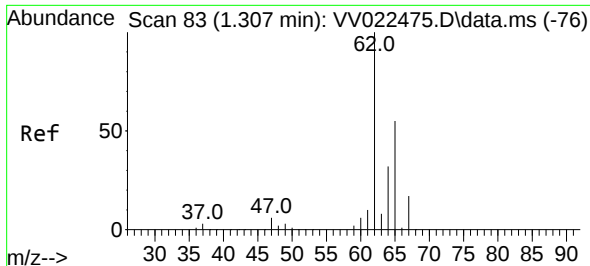
Tgt Ion: 85 Resp: 447488
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 188.071 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Tgt Ion: 50 Resp: 465002
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

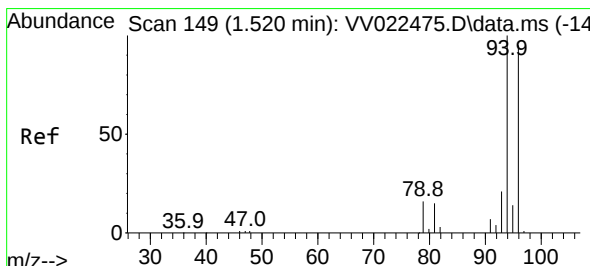
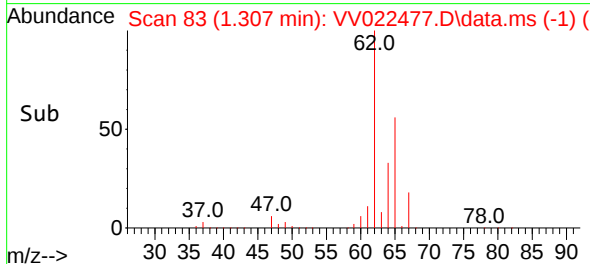
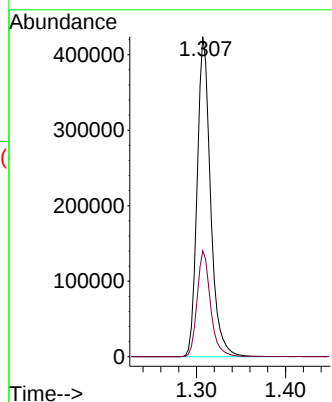
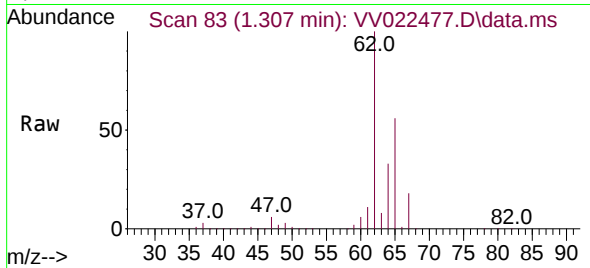




#5
 Vinyl chloride
 Concen: 191.256 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

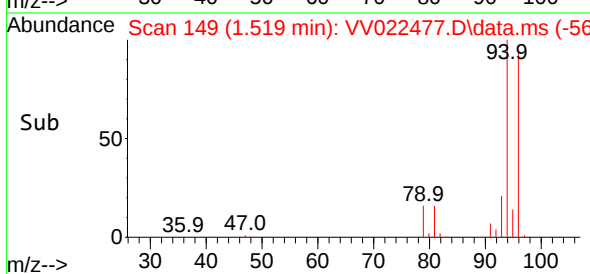
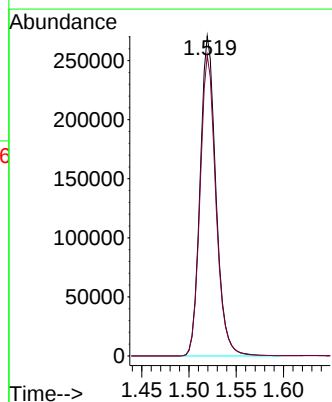
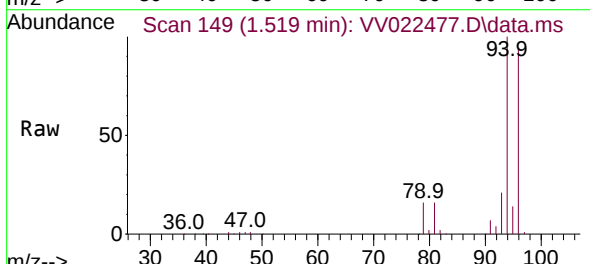
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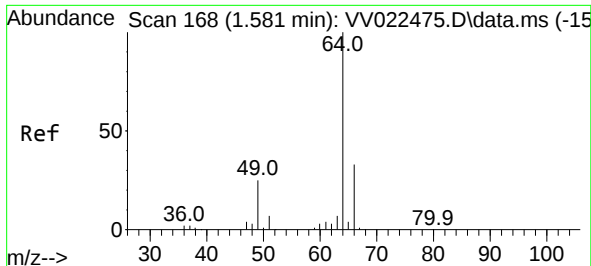
Tgt Ion: 62 Resp: 443719
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.9



#6
 Bromomethane
 Concen: 208.526 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Tgt Ion: 94 Resp: 314914
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.4 123.2

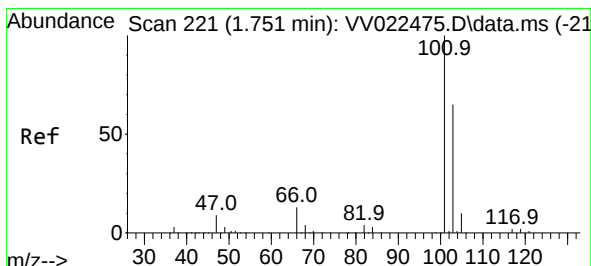
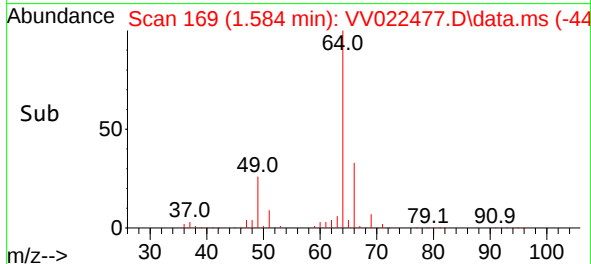
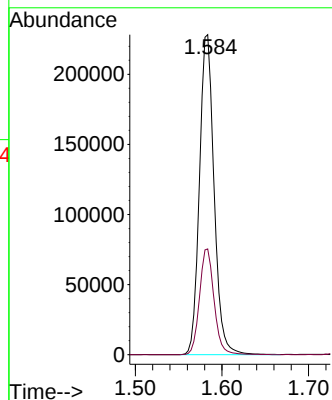
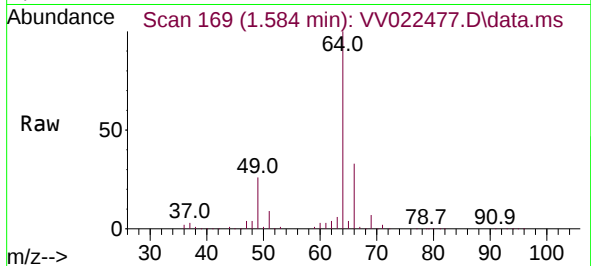




#8
Chloroethane
Concen: 189.022 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

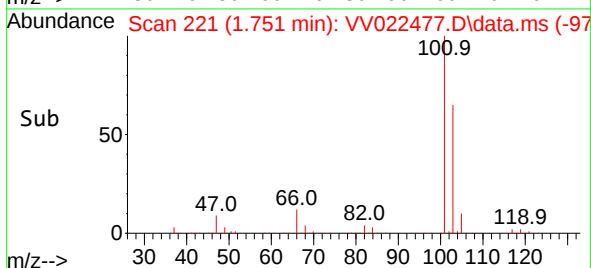
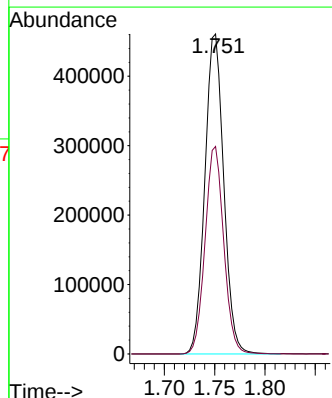
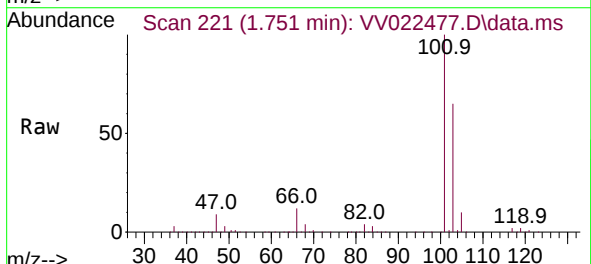
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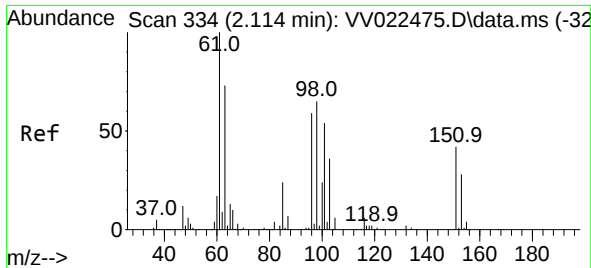
Tgt Ion: 64 Resp: 267691
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 190.356 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:101 Resp: 601220
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

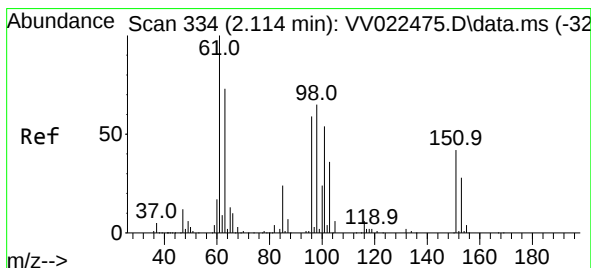
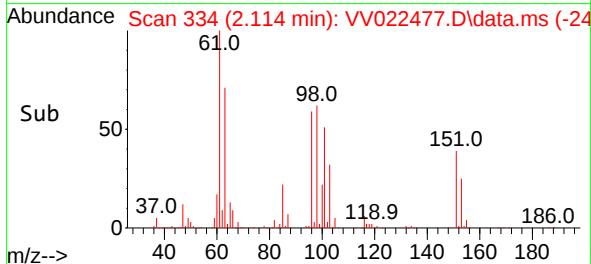
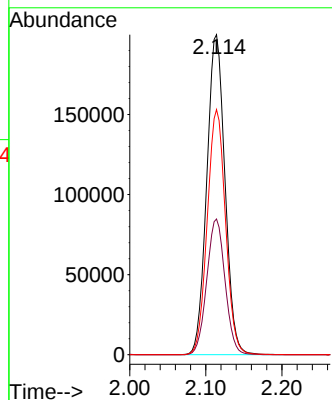
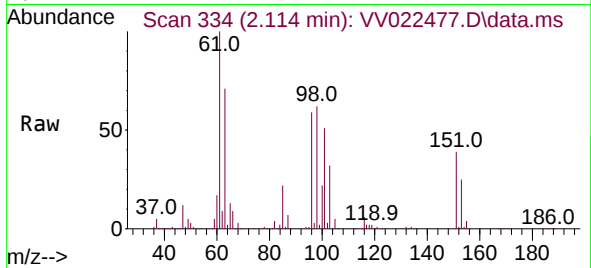




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 186.770 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

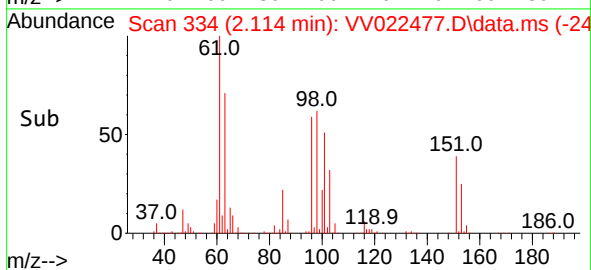
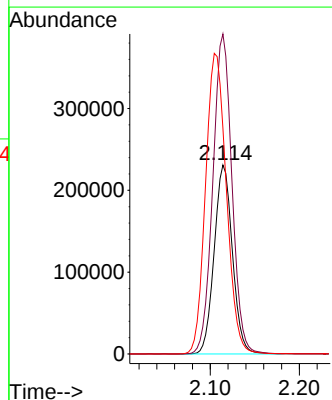
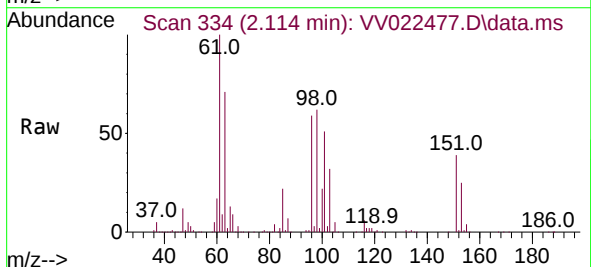
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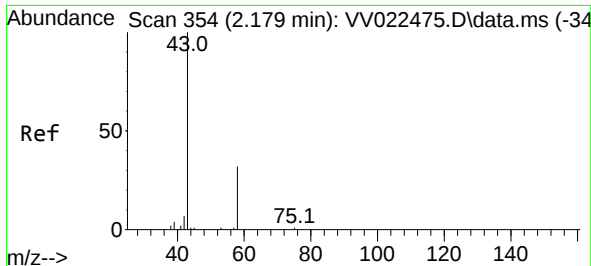
Tgt Ion:101 Resp: 332134
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.7 52.1
 151 76.8 61.3 91.9



#12
 1,1-Dichloroethene
 Concen: 195.412 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Tgt Ion: 96 Resp: 328642
 Ion Ratio Lower Upper
 96 100
 61 169.4 118.0 219.2
 63 119.5 86.4 160.4

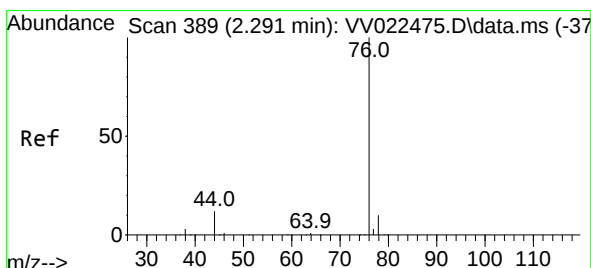
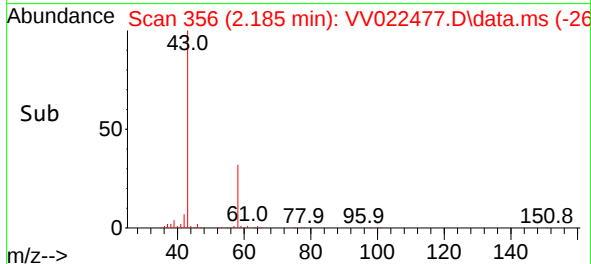
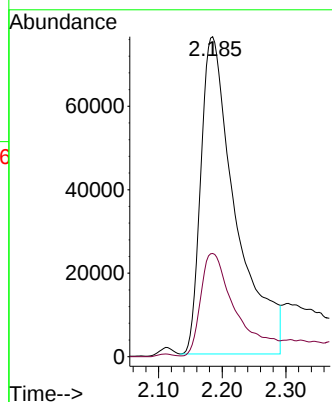
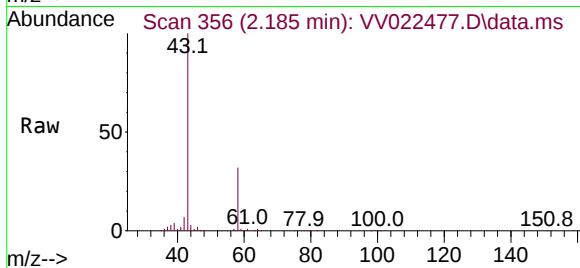




#13
Acetone
Concen: 253.620 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.006 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

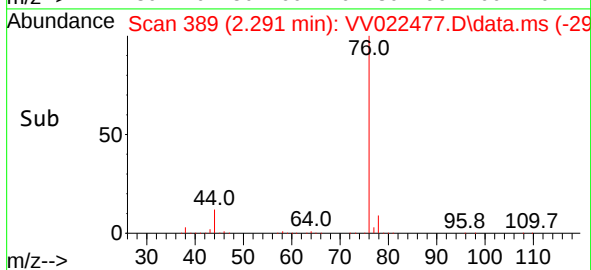
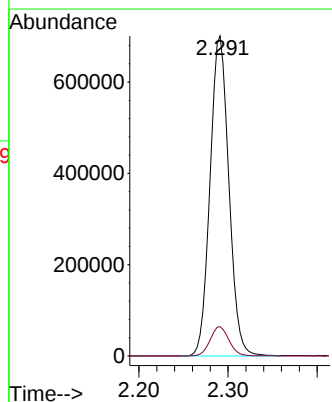
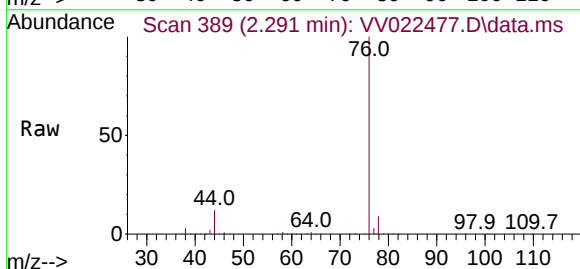
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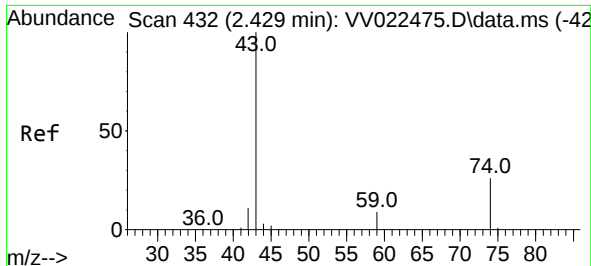
Tgt Ion: 43 Resp: 288741
Ion Ratio Lower Upper
43 100
58 32.8 0.0 21.2#



#14
Carbon disulfide
Concen: 197.584 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Acq: 01 Oct 2021 20:37

Tgt Ion: 76 Resp: 1026847
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

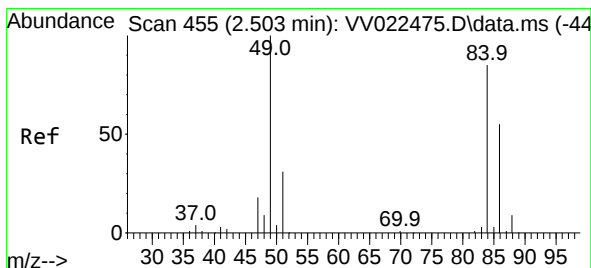
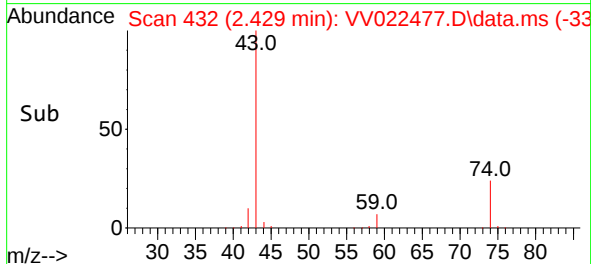
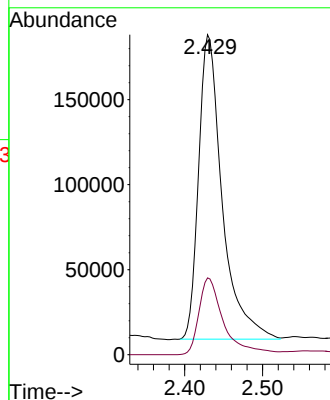
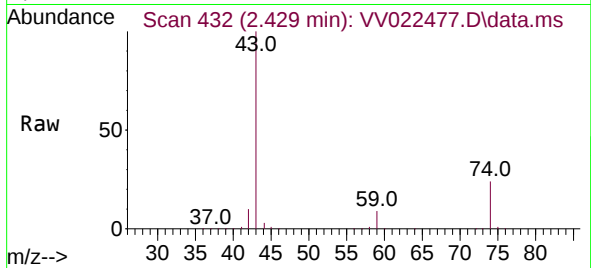




#15
Methyl Acetate
Concen: 176.720 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

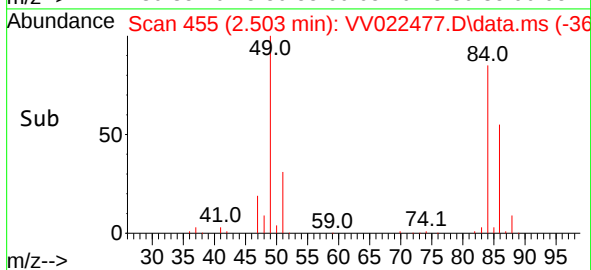
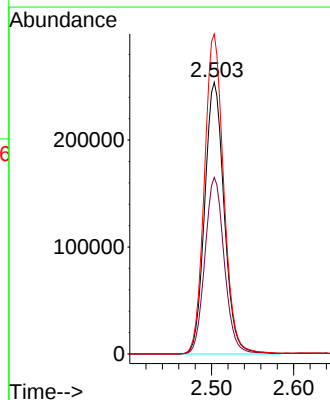
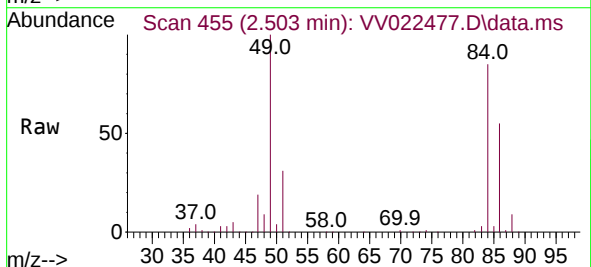
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

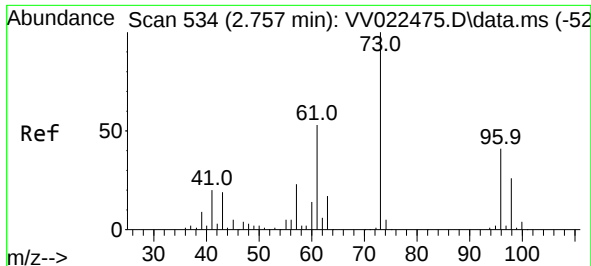
Tgt Ion: 43 Resp: 376552
Ion Ratio Lower Upper
43 100
74 26.5 20.6 30.8



#16
Methylene chloride
Concen: 181.713 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 84 Resp: 419484
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.6
49 117.8 82.7 153.7

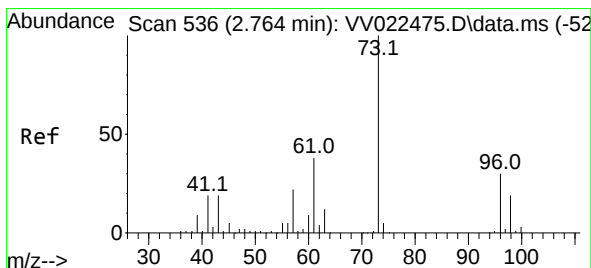
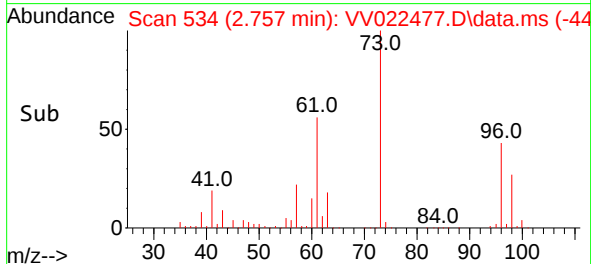
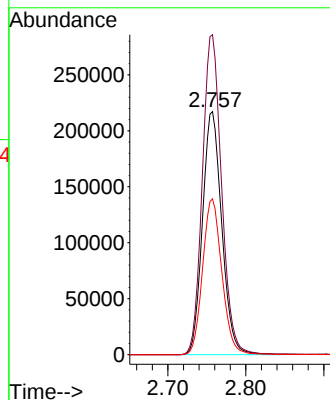
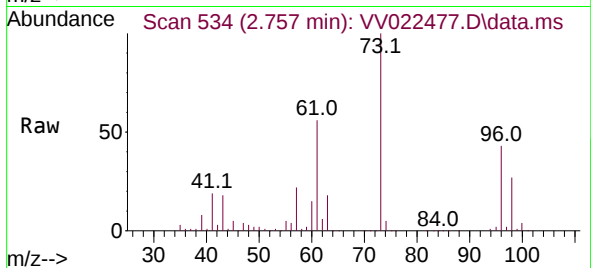




#17
trans-1,2-Dichloroethene
Concen: 195.038 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

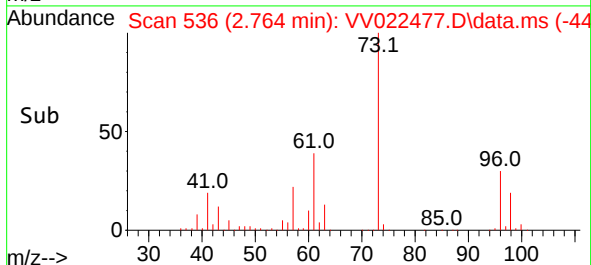
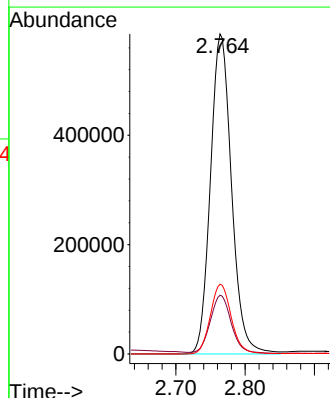
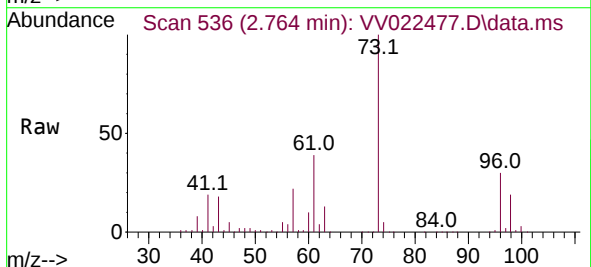
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

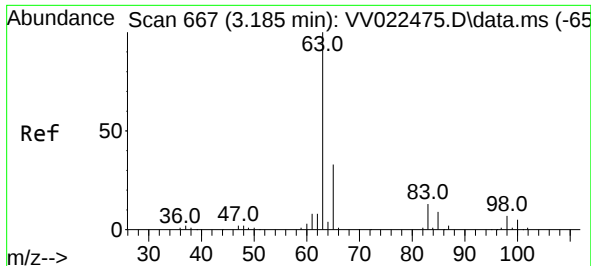
Tgt Ion: 96 Resp: 373291
Ion Ratio Lower Upper
96 100
61 131.7 90.8 168.6
98 64.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 215.356 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 73 Resp: 1238401
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 192.438 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

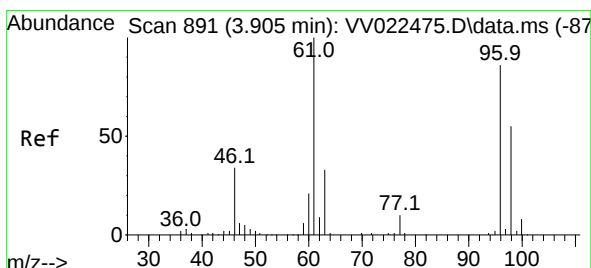
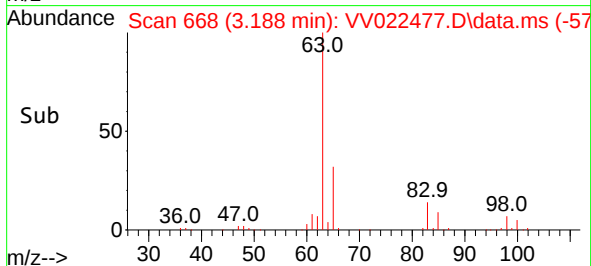
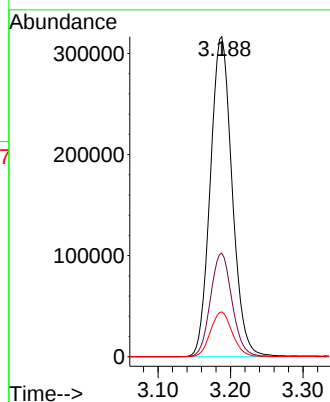
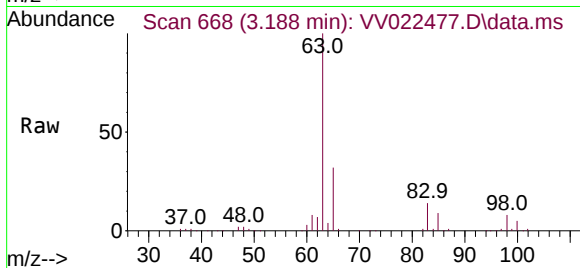
Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

Tgt Ion: 63 Resp: 661427

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.9	42.5
83	14.0	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD200261



#20

cis-1,2-Dichloroethene

Concen: 203.857 ug/L

RT: 3.908 min Scan# 892

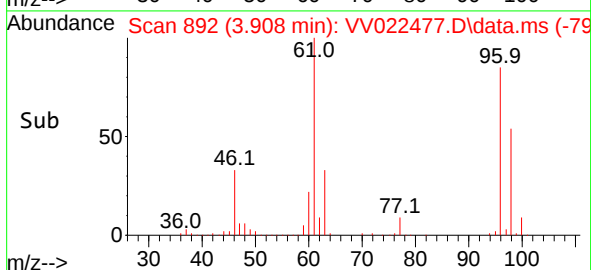
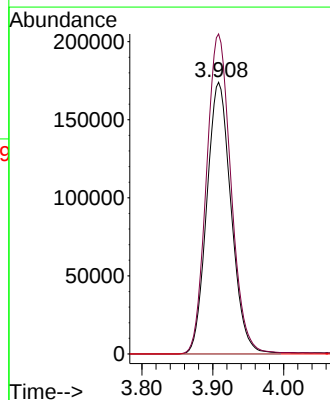
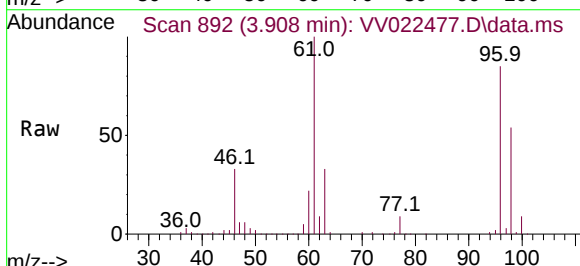
Delta R.T. 0.003 min

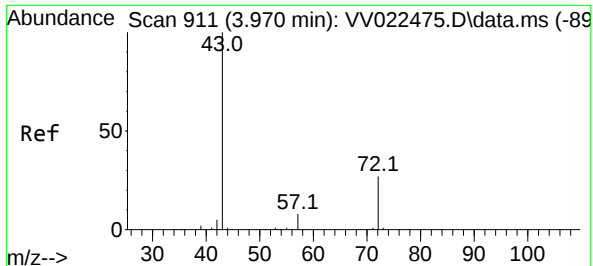
Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

Tgt Ion: 96 Resp: 415564

Ion	Ratio	Lower	Upper
96	100		
61	117.8	81.9	152.1
68	0.0	0.0	0.0

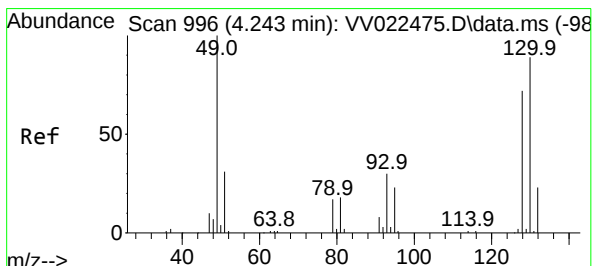
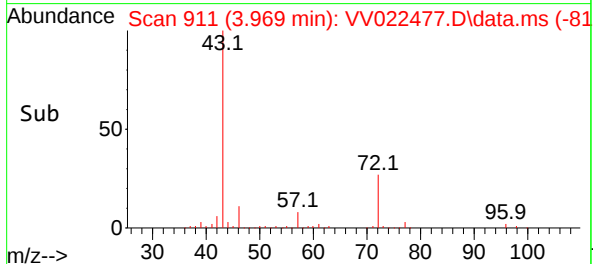
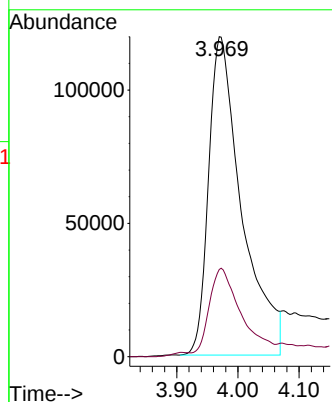
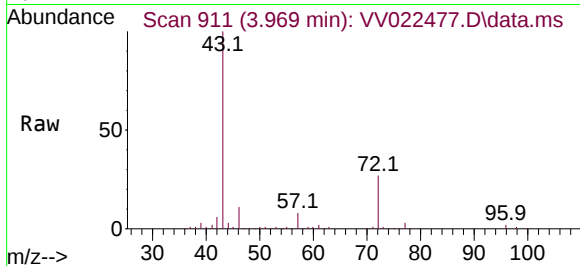




#22
2-Butanone
Concen: 299.232 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

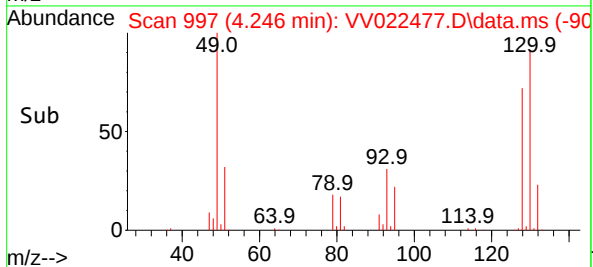
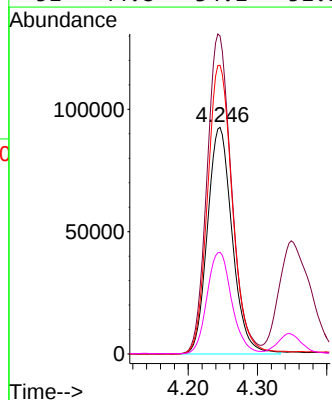
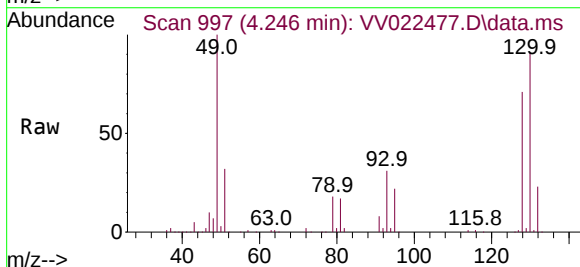
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

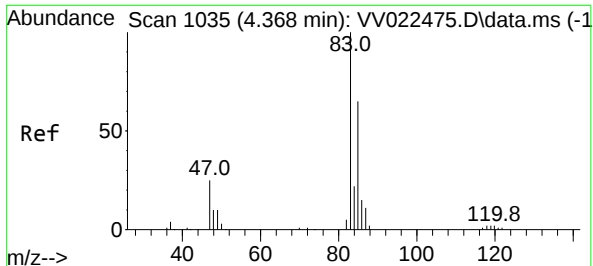
Tgt Ion: 43 Resp: 449597
Ion Ratio Lower Upper
43 100
72 24.7 10.0 29.8



#23
Bromochloromethane
Concen: 207.207 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:128 Resp: 229619
Ion Ratio Lower Upper
128 100
49 140.3 97.2 180.4
130 127.3 86.3 160.3
51 44.8 34.1 51.1





#25

Chloroform

Concen: 193.627 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

Tgt Ion: 83 Resp: 683760

Ion Ratio Lower Upper

83 100

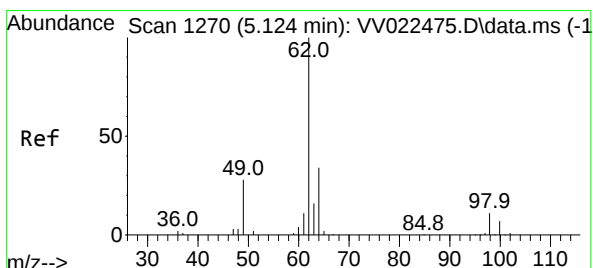
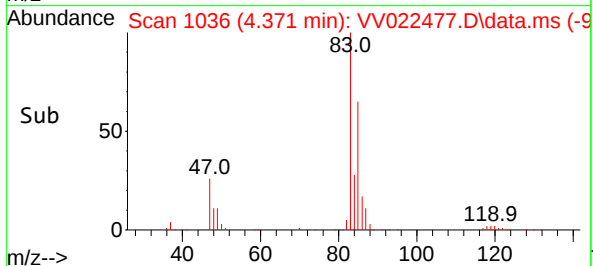
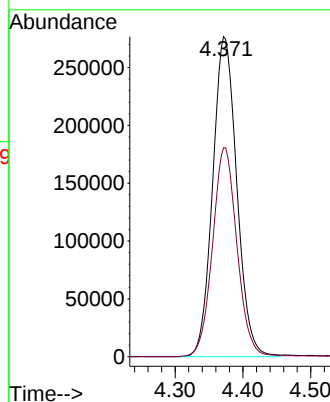
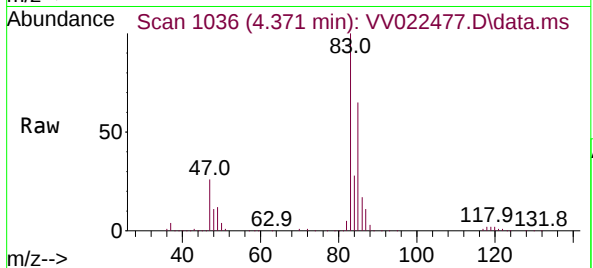
85 65.3 45.8 85.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD200261



#27

1,2-Dichloroethane

Concen: 197.295 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV022477.D

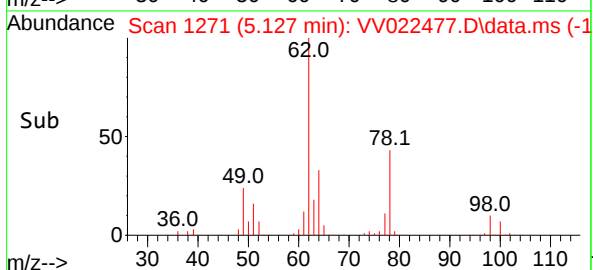
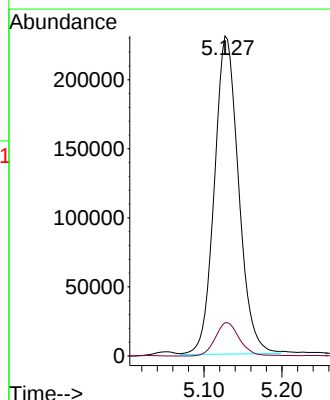
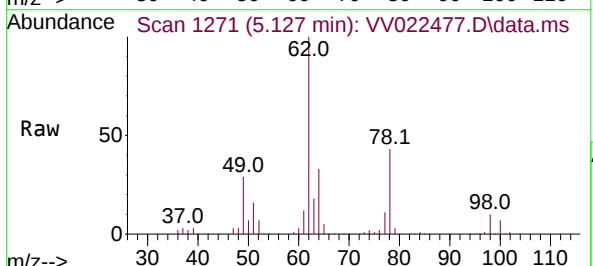
Acq: 01 Oct 2021 20:37

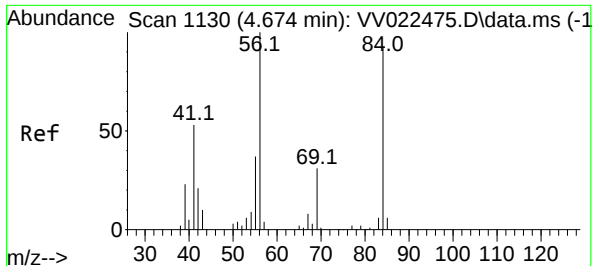
Tgt Ion: 62 Resp: 497549

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.4





#29

Cyclohexane

Concen: 193.667 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

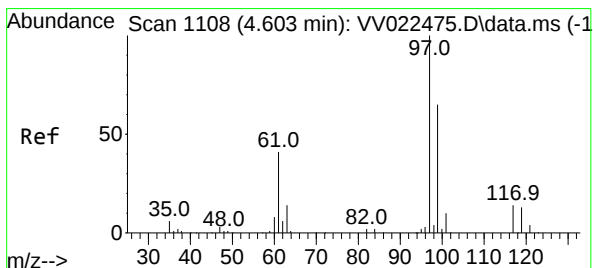
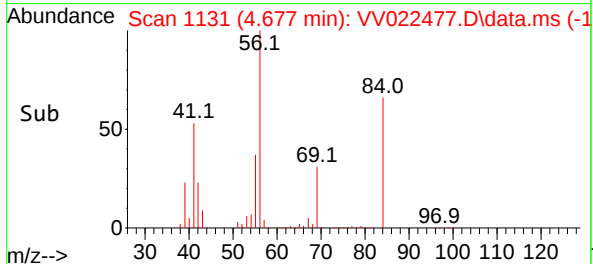
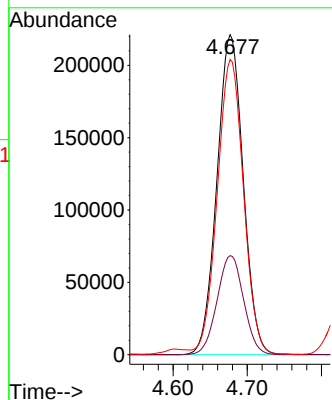
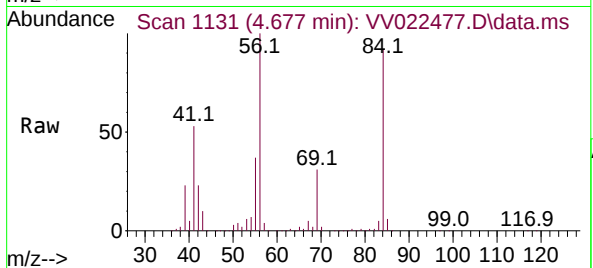
Instrument :

MSVOA_V

ClientSampleId :

VSTD200261

Tgt Ion:	56	Resp:	544642
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.9	37.3
84	92.0	73.9	110.9



#30

1,1,1-Trichloroethane

Concen: 203.602 ug/L

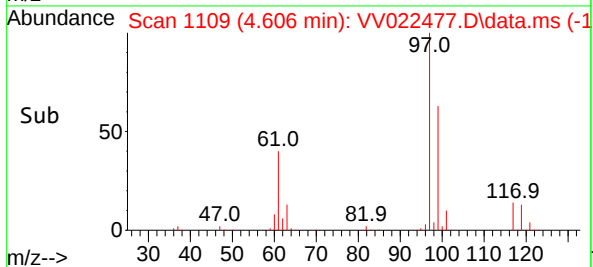
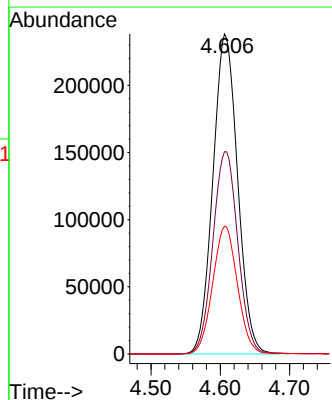
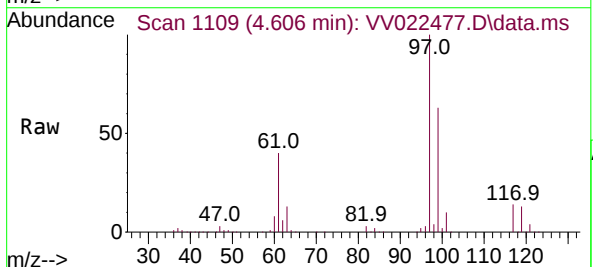
RT: 4.606 min Scan# 1109

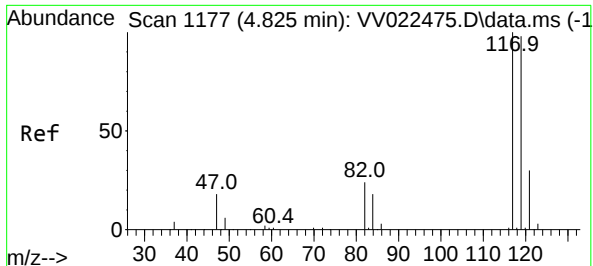
Delta R.T. 0.003 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

Tgt Ion:	97	Resp:	591506
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	39.9	32.9	49.3

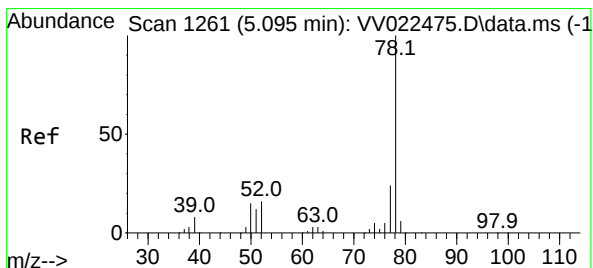
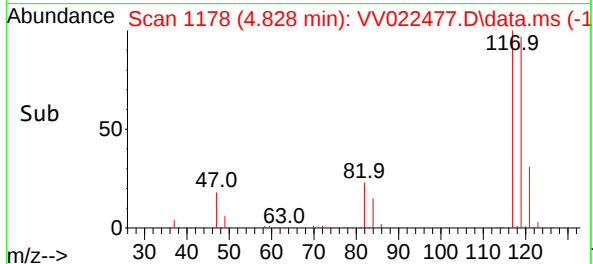
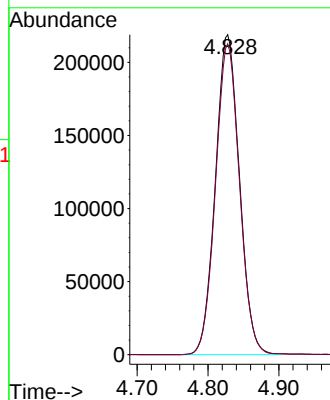
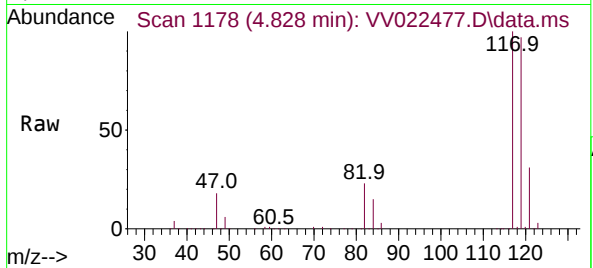




#31
Carbon tetrachloride
Concen: 201.627 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

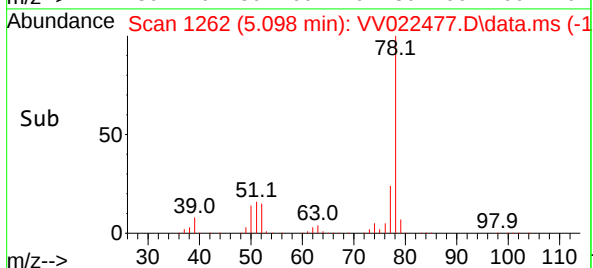
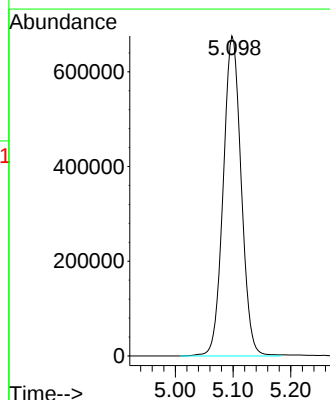
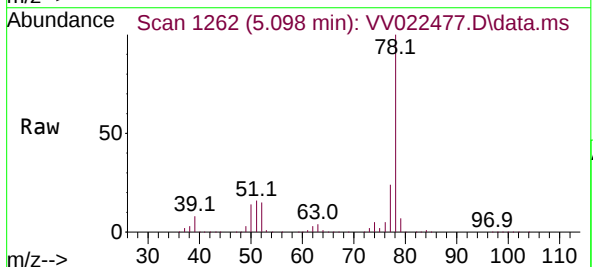
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

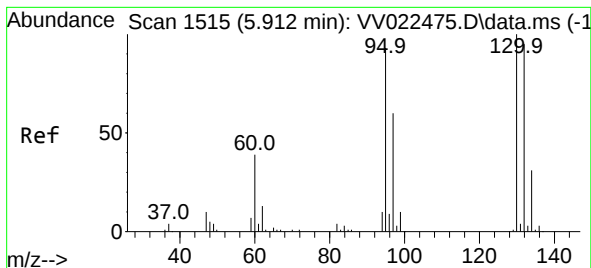
Tgt Ion:117 Resp: 516588
Ion Ratio Lower Upper
117 100
119 96.9 78.3 117.5



#33
Benzene
Concen: 199.757 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 78 Resp: 1460645





#34

Trichloroethene

Concen: 197.160 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

Tgt Ion: 95 Resp: 374460

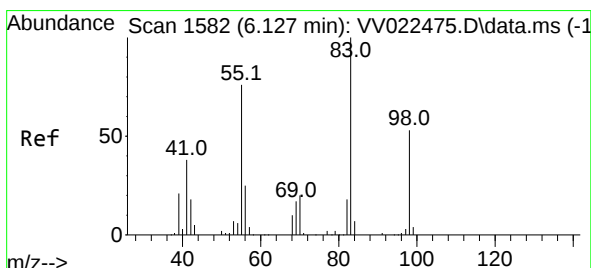
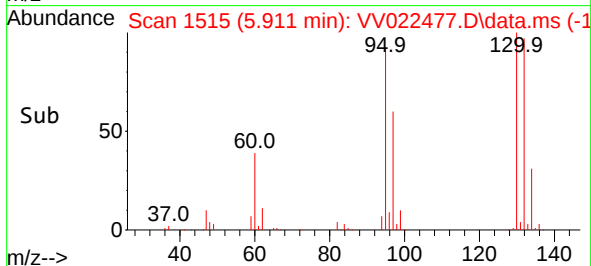
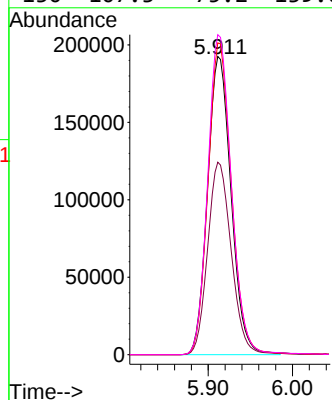
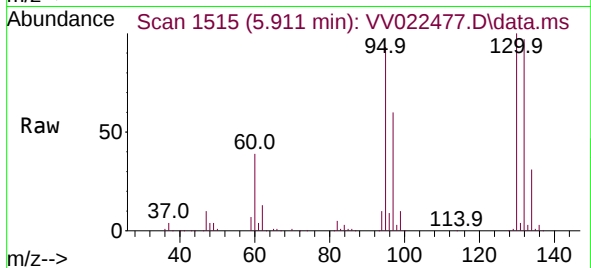
Ion Ratio Lower Upper

95 100

97 64.5 45.4 84.4

132 104.6 71.5 132.9

130 107.3 75.2 139.6



#35

Methylcyclohexane

Concen: 191.639 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

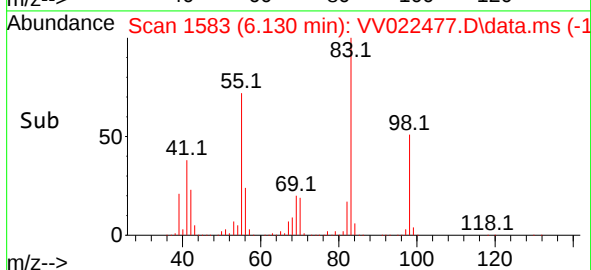
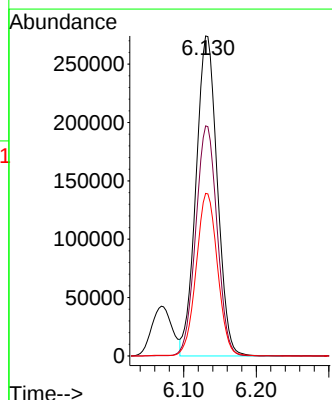
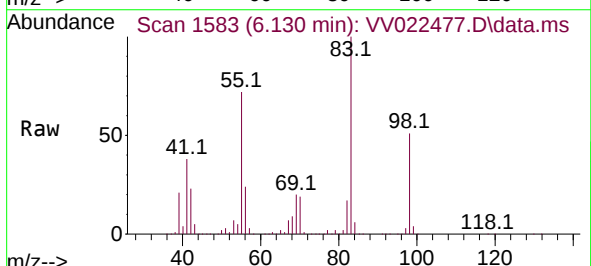
Tgt Ion: 83 Resp: 558324

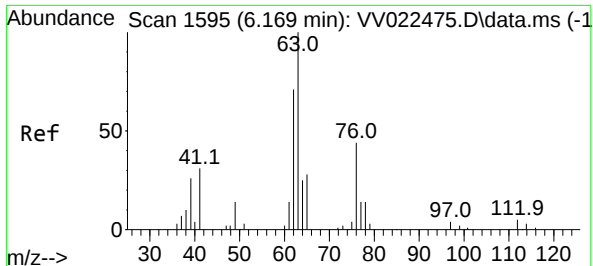
Ion Ratio Lower Upper

83 100

55 72.1 56.7 85.1

98 51.0 40.6 60.8



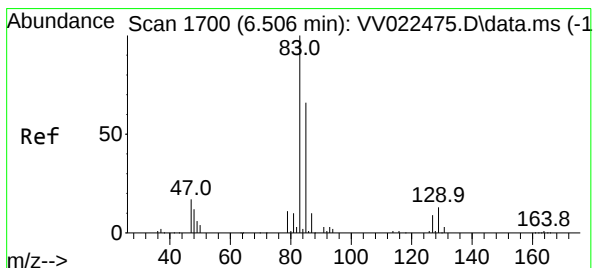
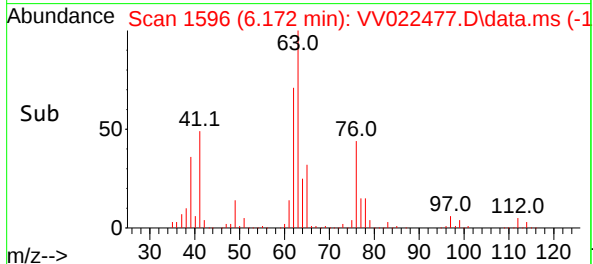
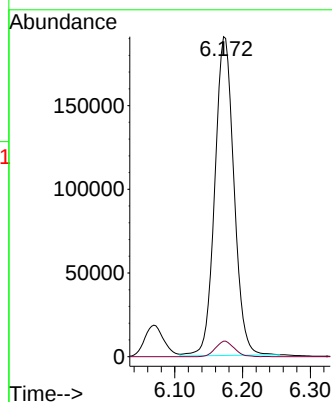
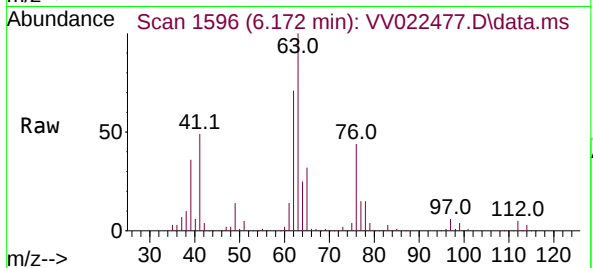


#37

1,2-Dichloropropane
Concen: 198.820 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

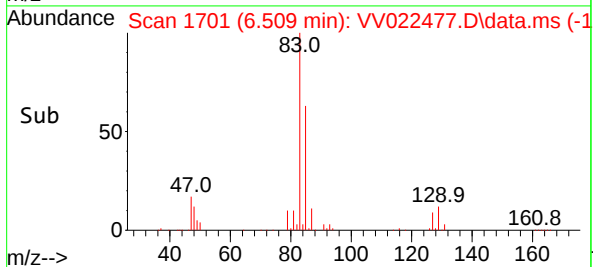
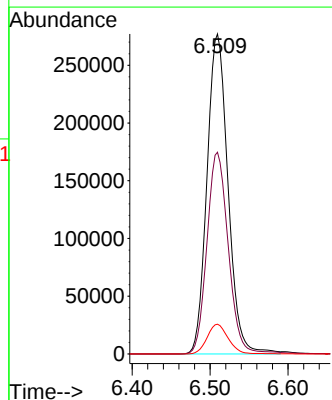
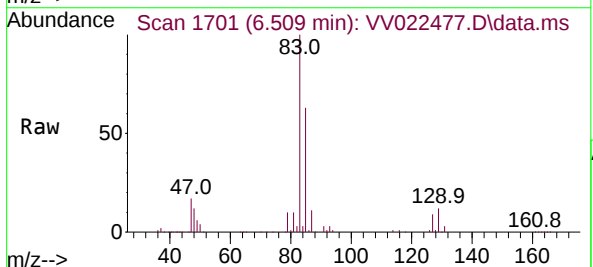
Tgt Ion: 63 Resp: 373374
Ion Ratio Lower Upper
63 100
112 4.8 4.1 6.1

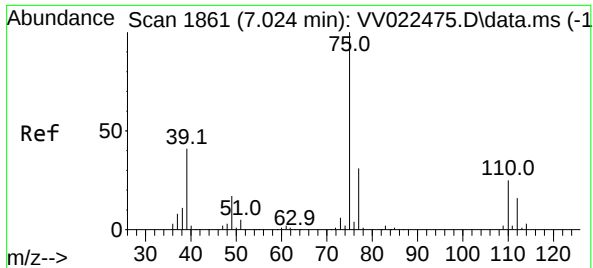


#38

Bromodichloromethane
Concen: 215.098 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 83 Resp: 519589
Ion Ratio Lower Upper
83 100
85 63.0 46.3 86.1
127 9.3 7.5 11.3

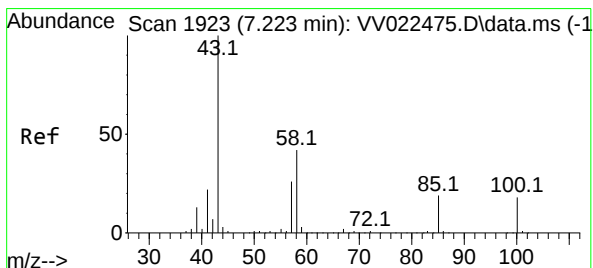
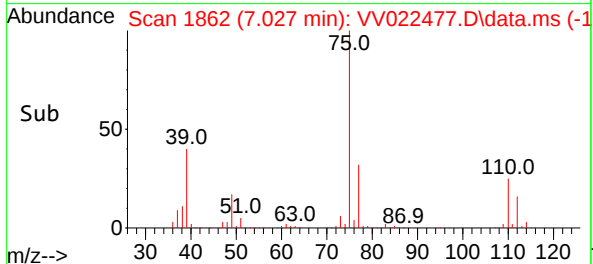
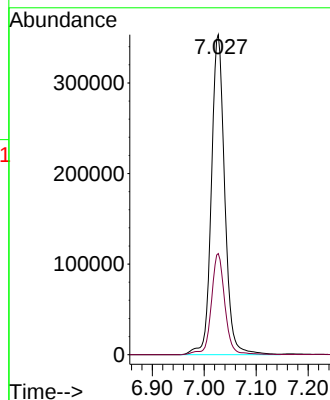
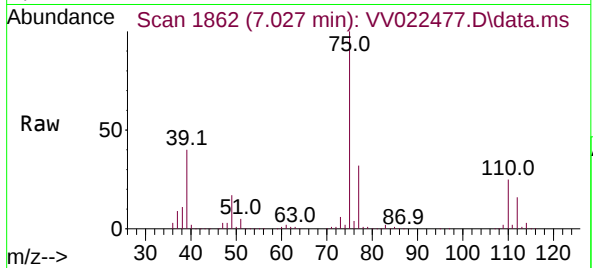




#39
 cis-1,3-Dichloropropene
 Concen: 226.699 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

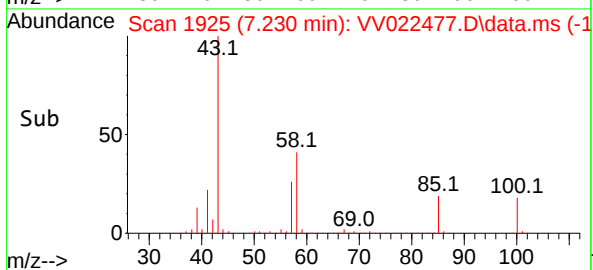
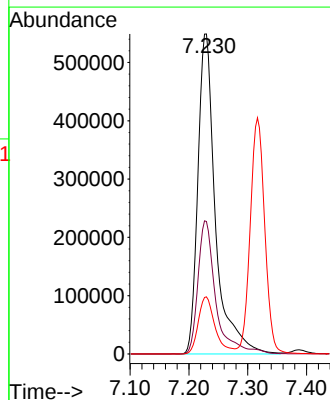
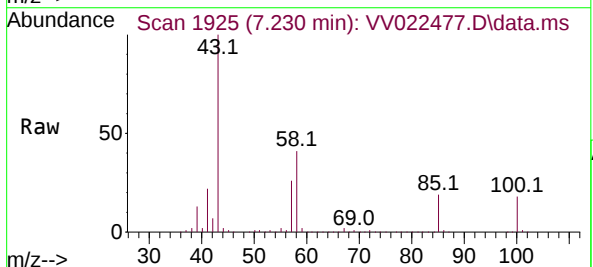
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200261

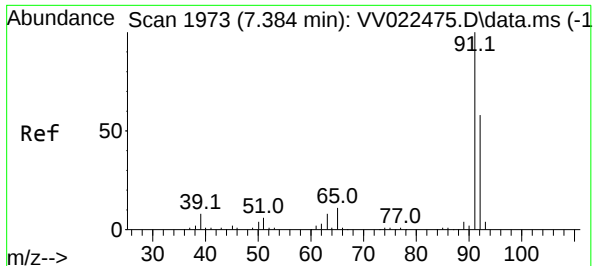
Tgt Ion: 75 Resp: 632663
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 436.489 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Tgt Ion: 43 Resp: 1141291
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.5 48.7
 100 17.1 13.9 20.9

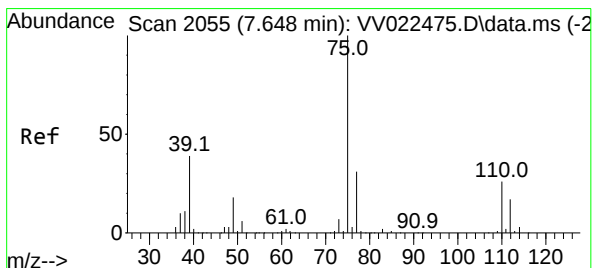
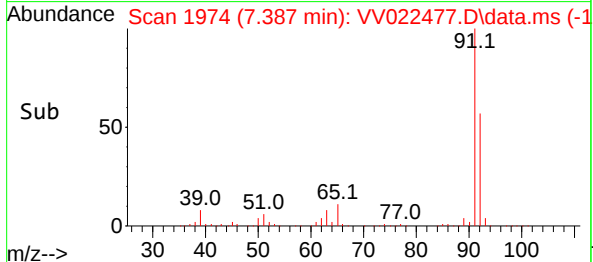
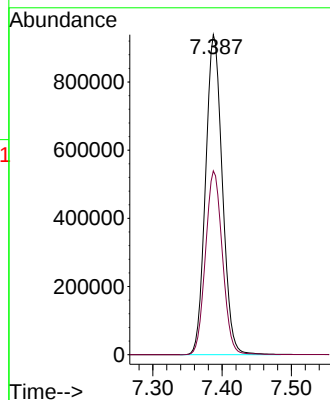
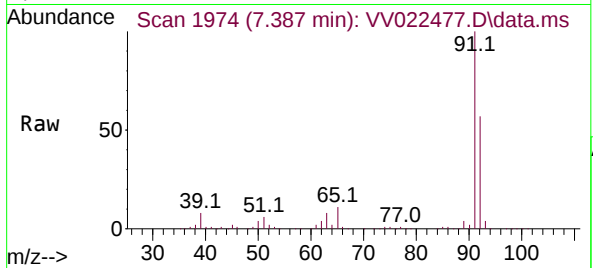




#42
Toluene
Concen: 200.914 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

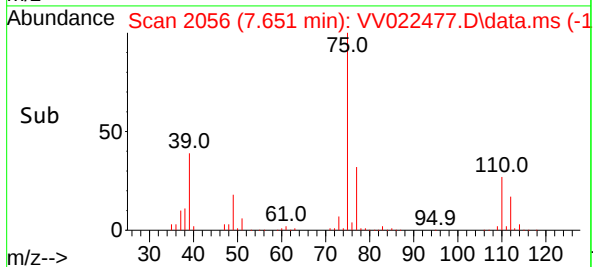
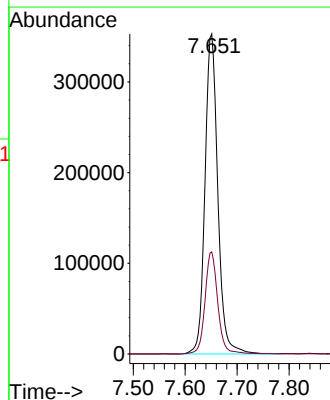
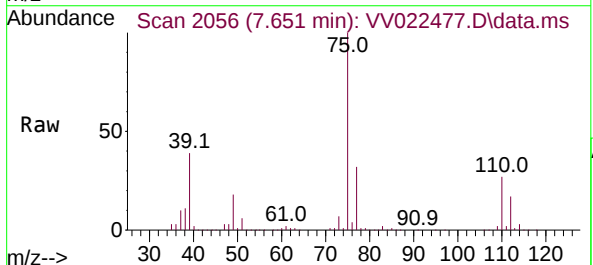
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

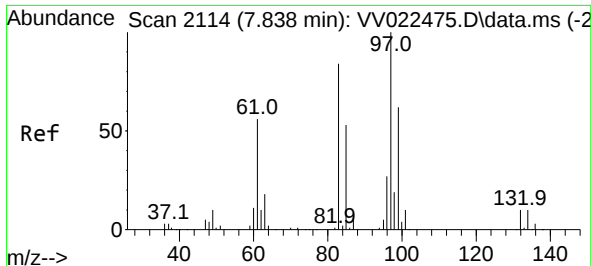
Tgt Ion: 91 Resp: 1573672
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 227.617 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 75 Resp: 605712
Ion Ratio Lower Upper
75 100
77 31.9 22.0 40.8



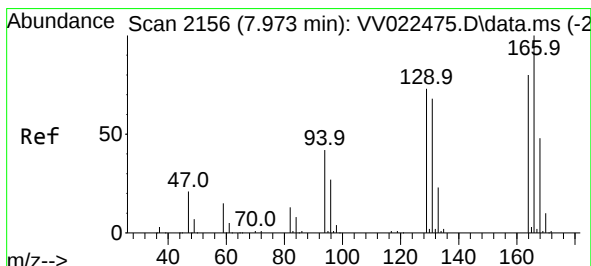
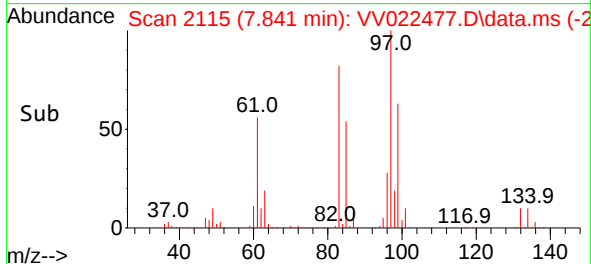
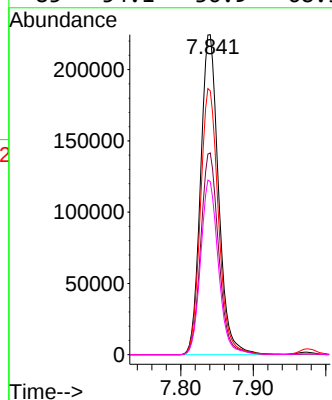
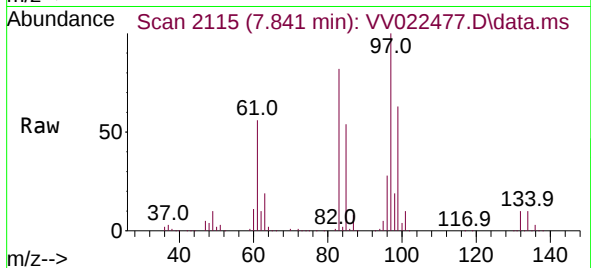


#45

1,1,2-Trichloroethane
Concen: 200.647 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

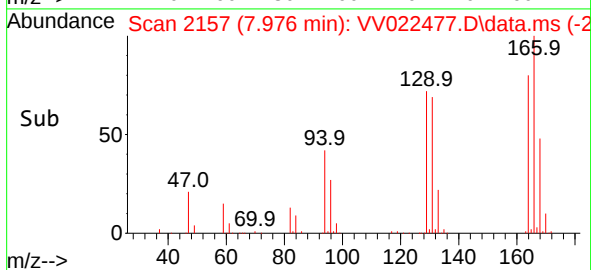
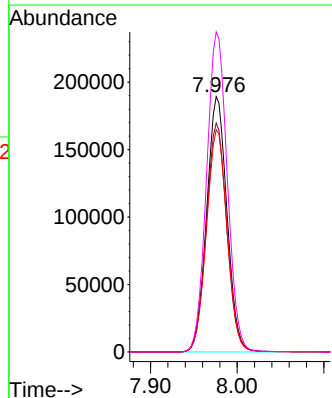
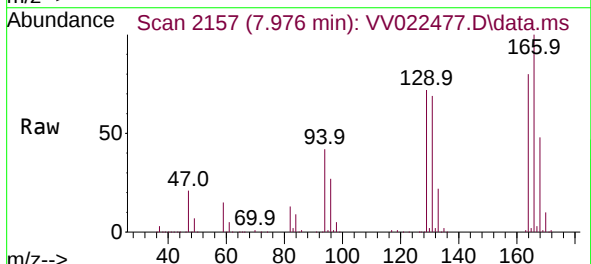
Tgt Ion:	97	Resp:	387103
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.1	80.1
83	82.4	58.6	108.8
85	54.1	36.9	68.5

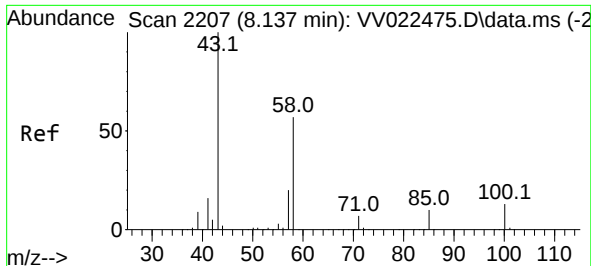


#46

Tetrachloroethene
Concen: 195.734 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:	164	Resp:	308964
Ion	Ratio	Lower	Upper
164	100		
129	89.6	64.6	120.0
131	87.0	59.9	111.3
166	125.3	88.0	163.4

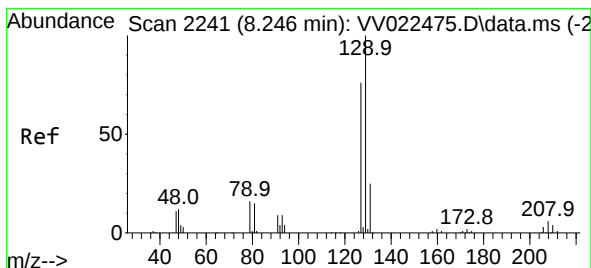
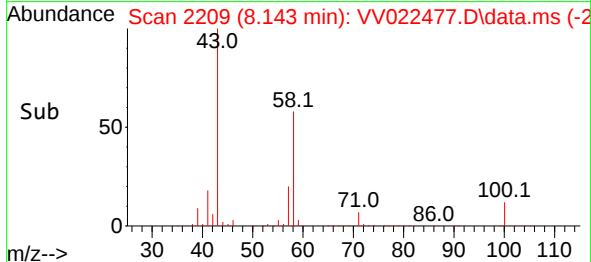
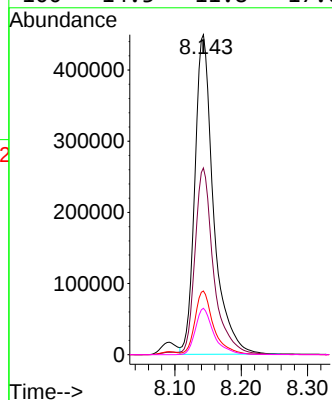
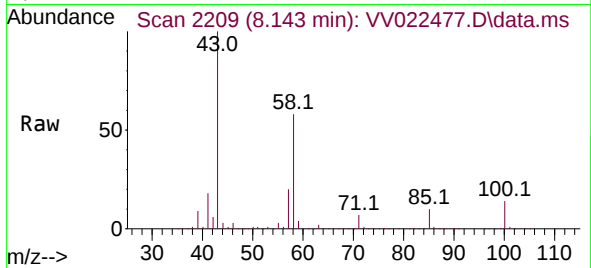




#48
2-Hexanone
Concen: 447.673 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

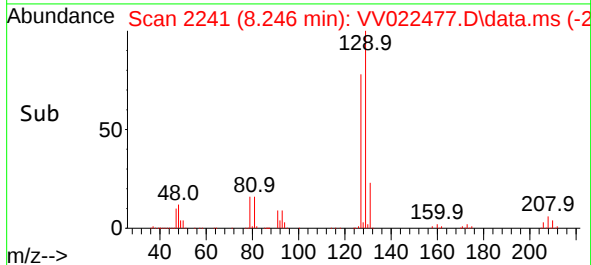
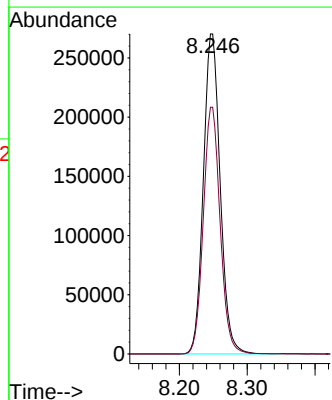
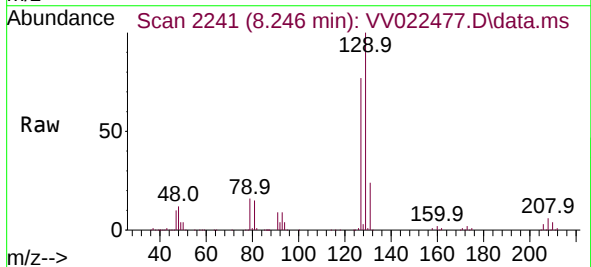
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

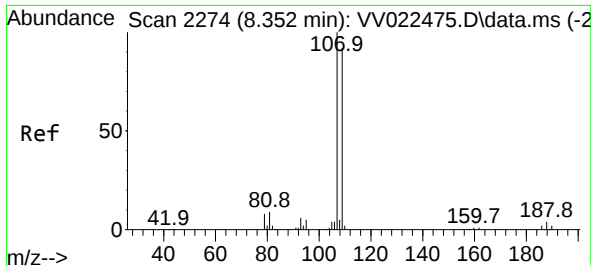
Tgt Ion:	43	Resp:	879946
Ion	Ratio	Lower	Upper
43	100		
58	57.9	47.0	70.4
57	19.8	15.8	23.6
100	14.3	11.8	17.6



#49
Dibromochloromethane
Concen: 226.673 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:	129	Resp:	465908
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.5	99.5





#50

1,2-Dibromoethane

Concen: 209.695 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

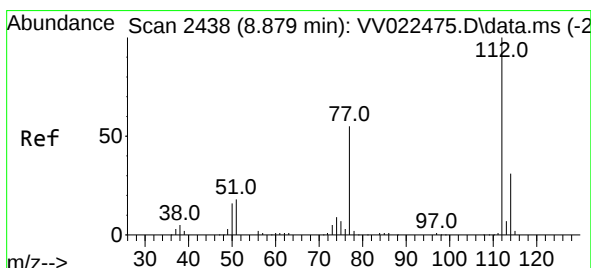
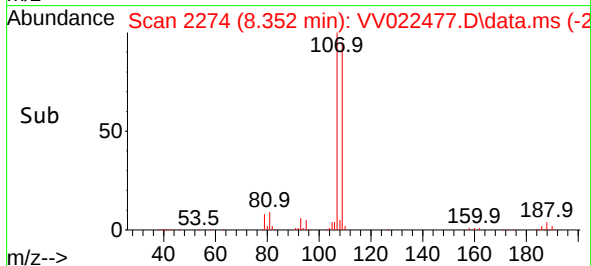
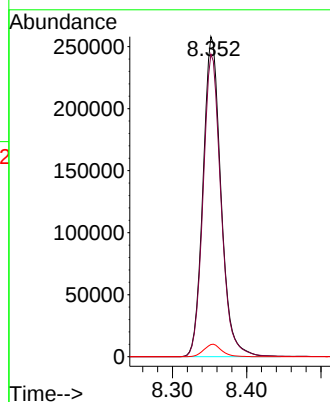
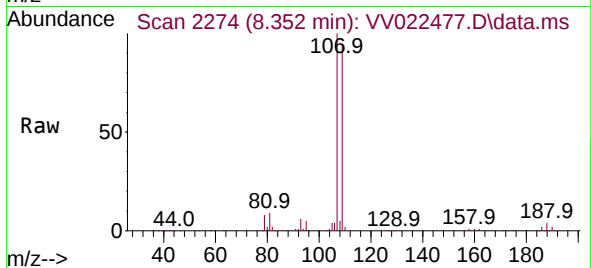
Tgt Ion:107 Resp: 431987

Ion Ratio Lower Upper

107 100

109 94.5 64.8 120.3

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 201.680 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV022477.D

Acq: 01 Oct 2021 20:37

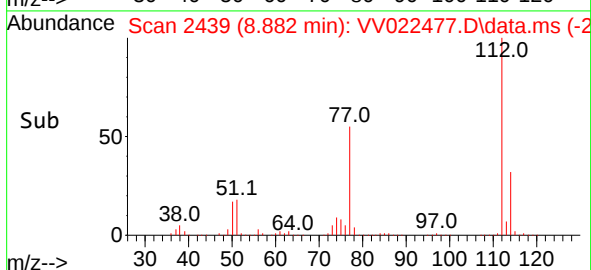
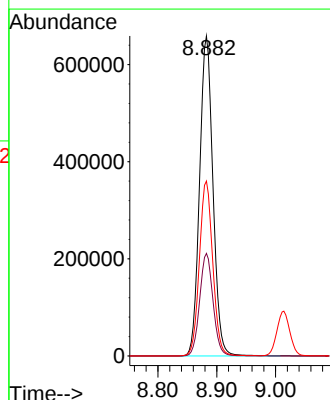
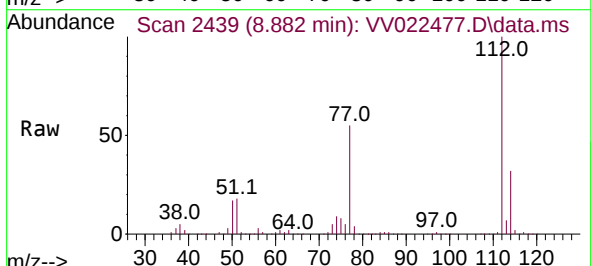
Tgt Ion:112 Resp: 1038379

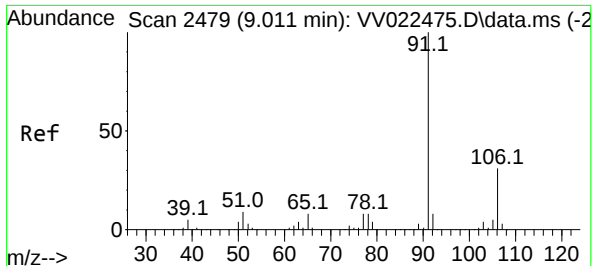
Ion Ratio Lower Upper

112 100

114 32.1 22.0 40.8

77 54.7 44.0 66.0

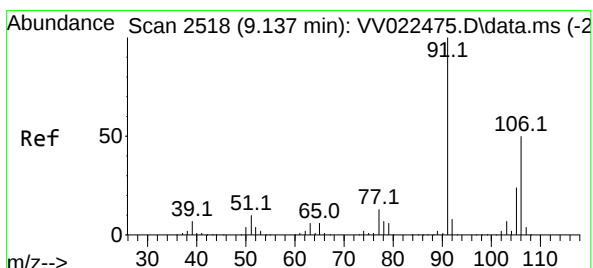
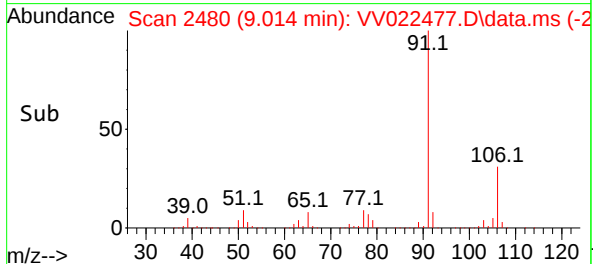
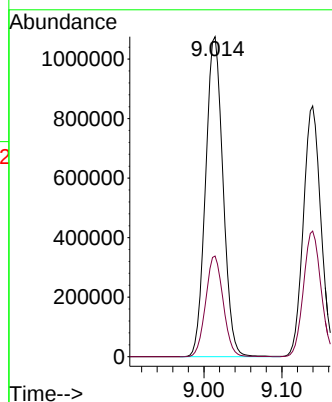
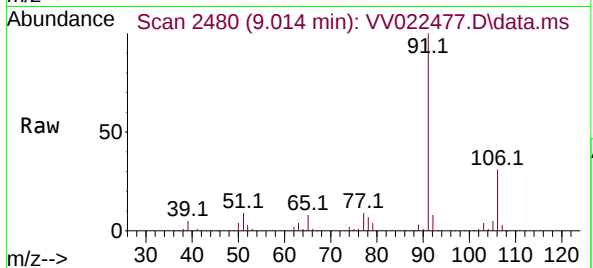




#52
Ethylbenzene
Concen: 204.284 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

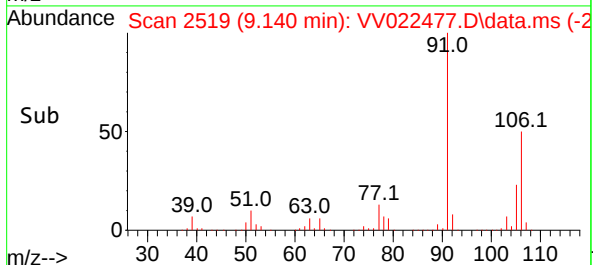
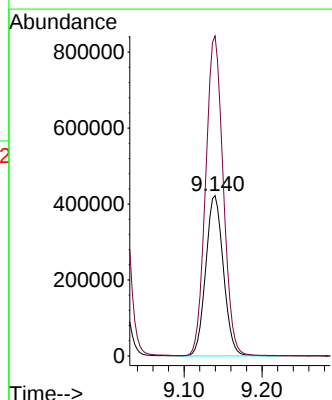
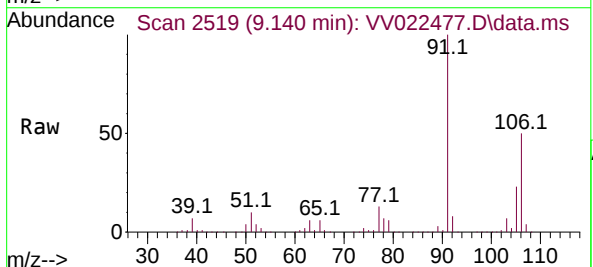
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

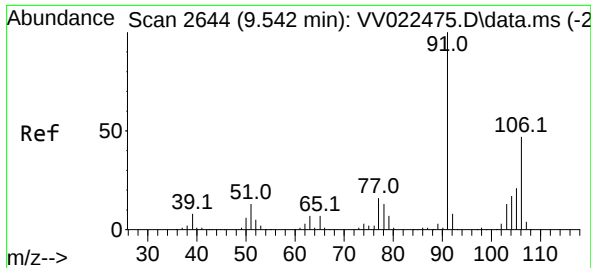
Tgt Ion: 91 Resp: 1672083
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 209.388 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 106 Resp: 662675
Ion Ratio Lower Upper
106 100
91 199.6 139.4 258.8

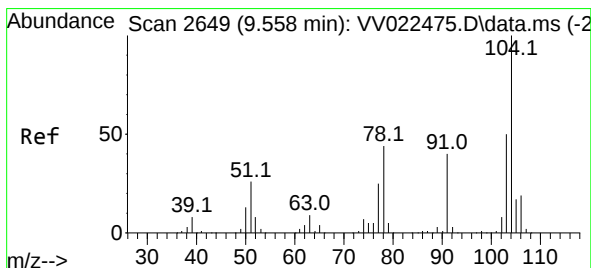
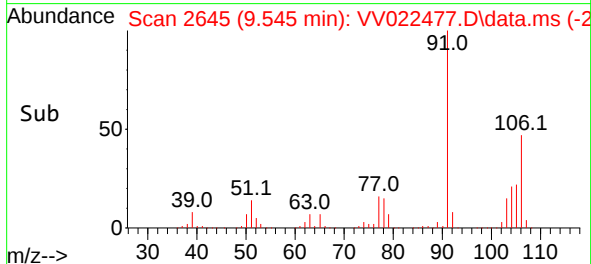
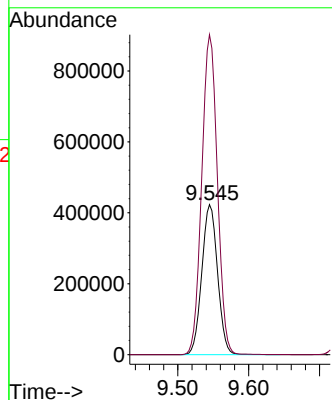
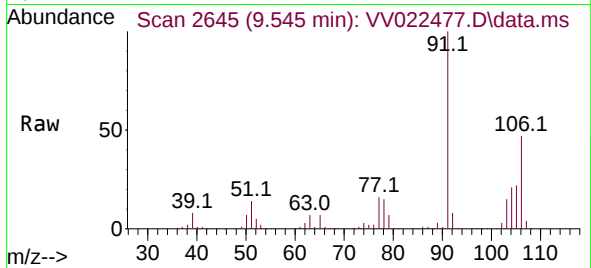




#54
o-Xylene
Concen: 211.379 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

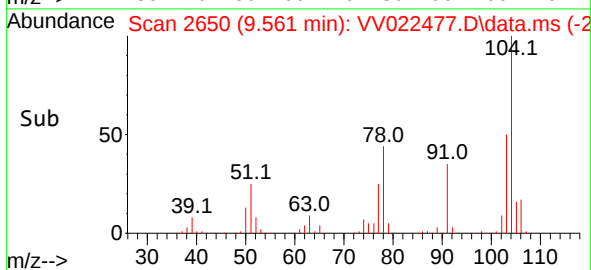
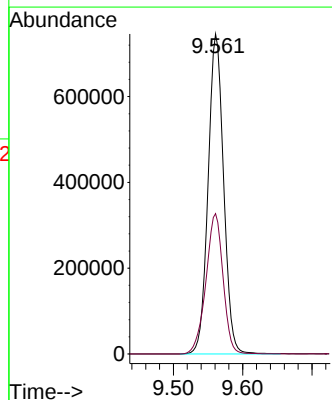
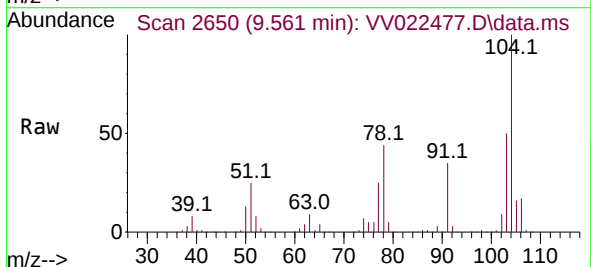
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

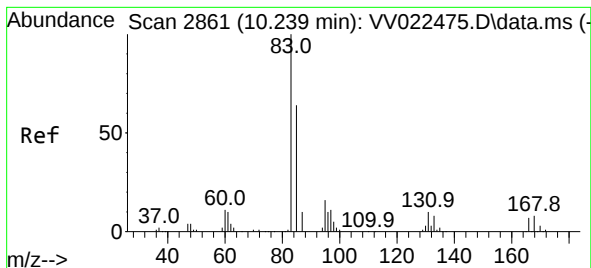
Tgt Ion:106 Resp: 651674
Ion Ratio Lower Upper
106 100
91 213.2 148.7 276.1



#55
Styrene
Concen: 216.383 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:104 Resp: 1154849
Ion Ratio Lower Upper
104 100
78 43.9 30.6 56.8

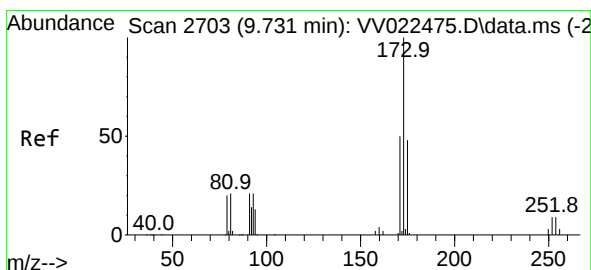
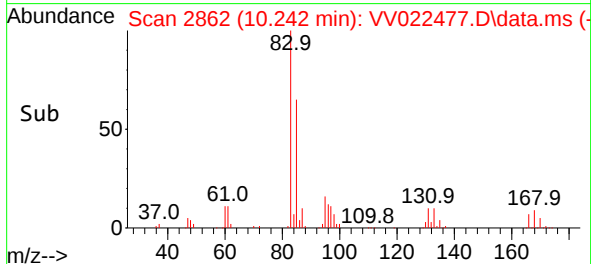
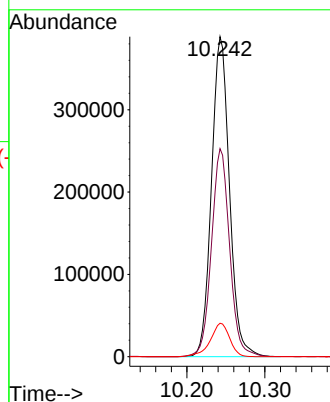
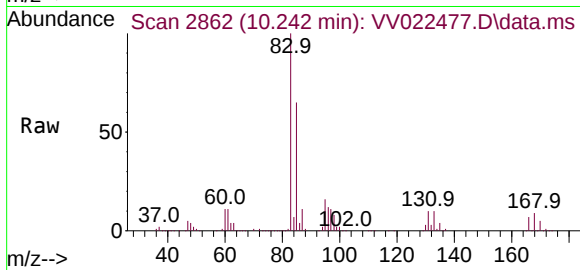




#57
 1,1,2,2-Tetrachloroethane
 Concen: 197.935 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. 0.003 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

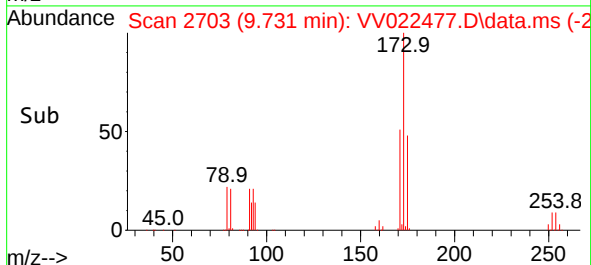
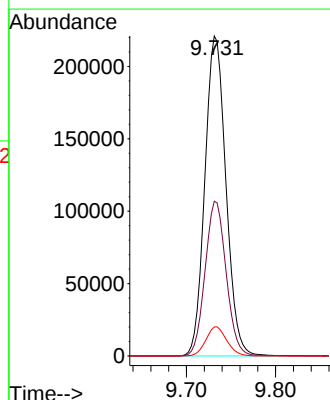
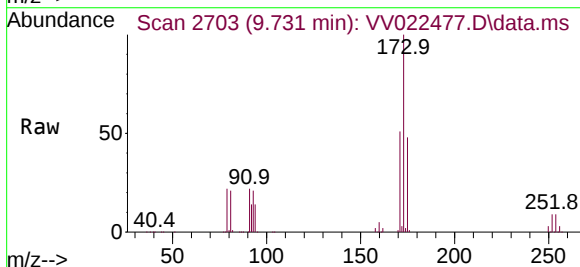
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200261

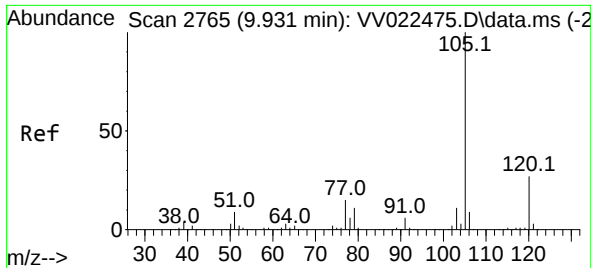
Tgt Ion: 83 Resp: 622100
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.2 84.0
 131 10.4 8.2 12.4



#59
 Bromoform
 Concen: 232.477 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Tgt Ion: 173 Resp: 362377
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.3 57.5
 254 9.0 7.0 10.6

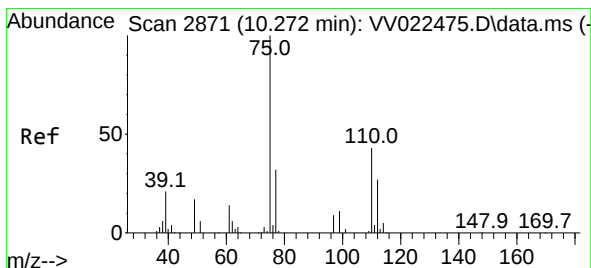
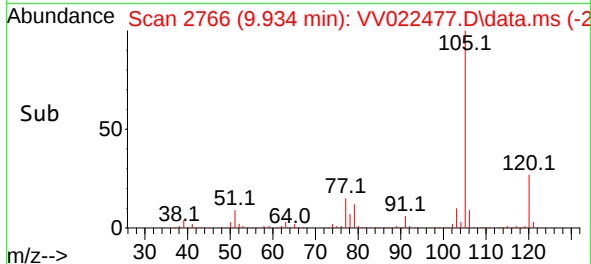
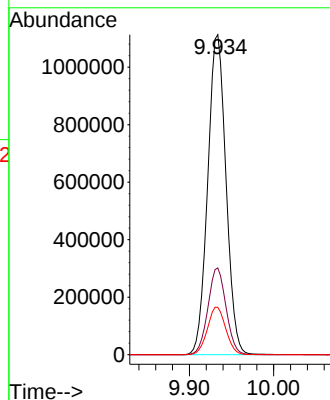
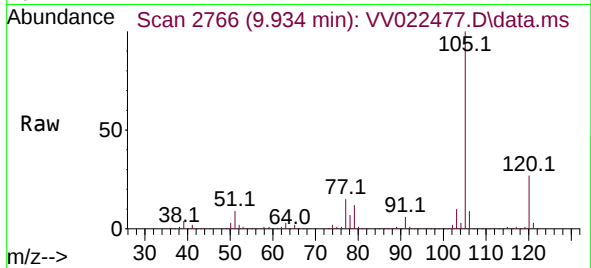




#60
Isopropylbenzene
Concen: 200.455 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

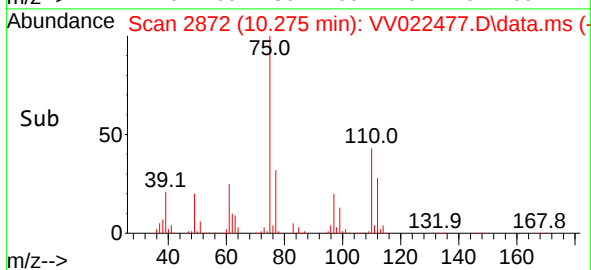
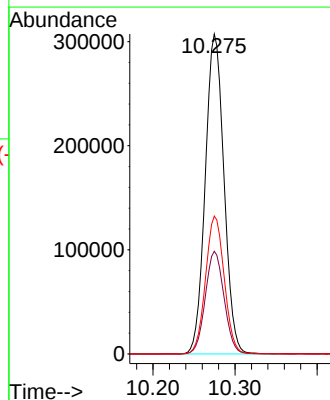
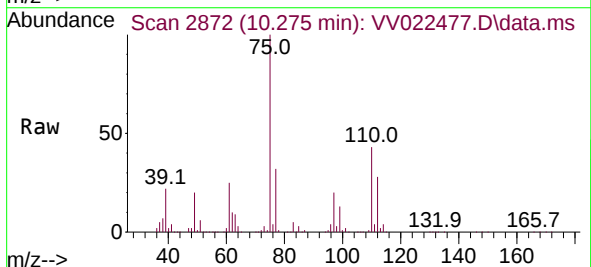
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

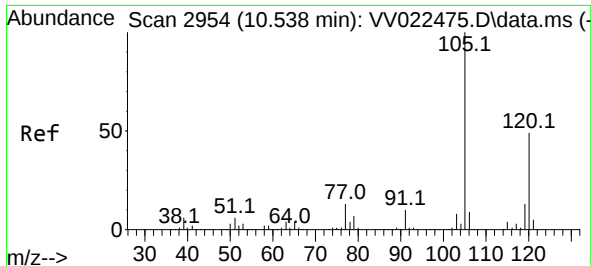
Tgt Ion:105 Resp: 1677984
Ion Ratio Lower Upper
105 100
120 26.9 21.6 32.4
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 193.224 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion: 75 Resp: 486861
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 43.0 34.3 51.5

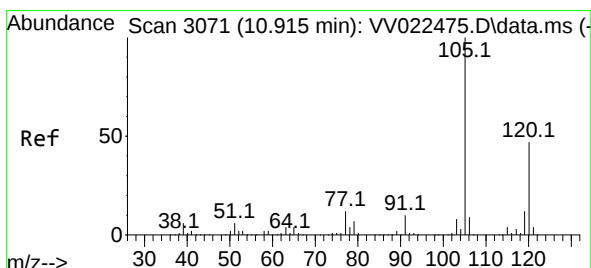
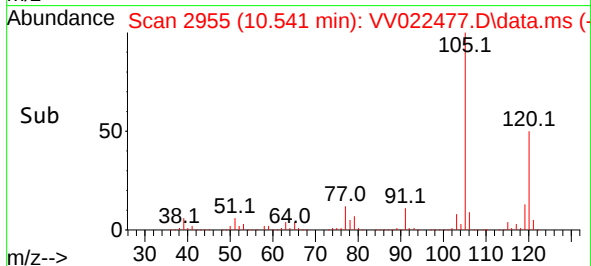
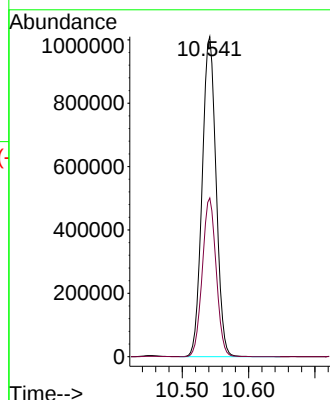
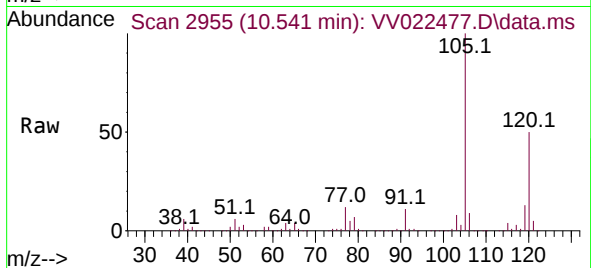




#62
1,3,5-Trimethylbenzene
Concen: 212.874 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

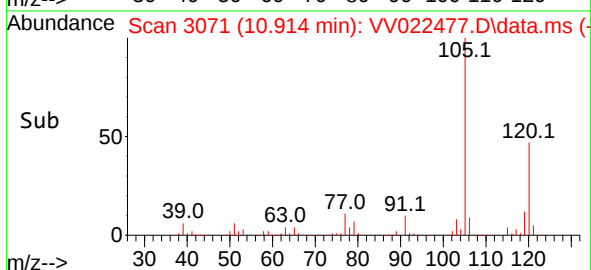
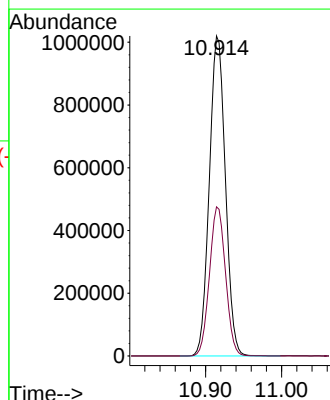
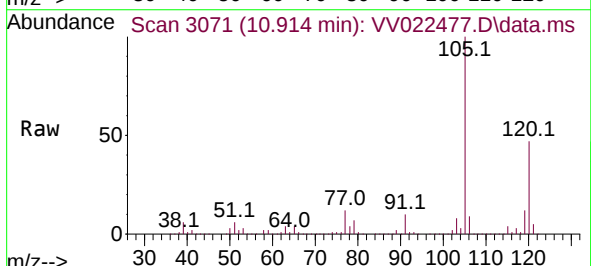
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

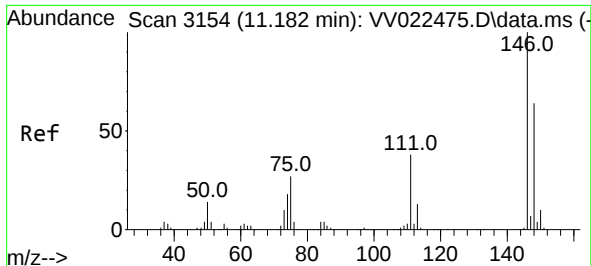
Tgt Ion:105 Resp: 1475916
Ion Ratio Lower Upper
105 100
120 49.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 214.496 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:105 Resp: 1495622
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.0

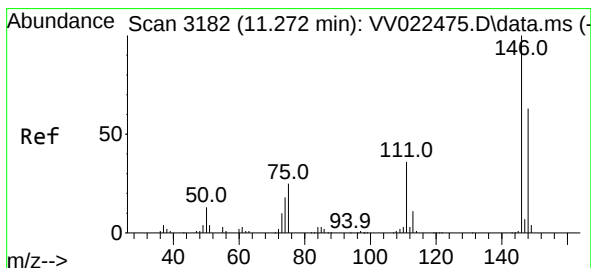
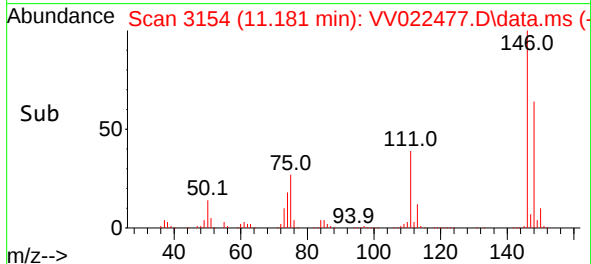
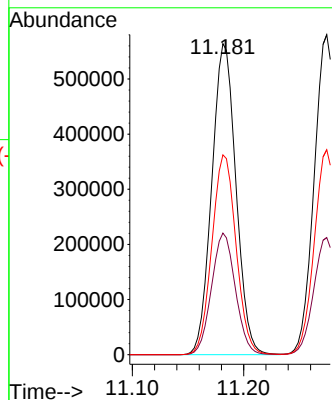
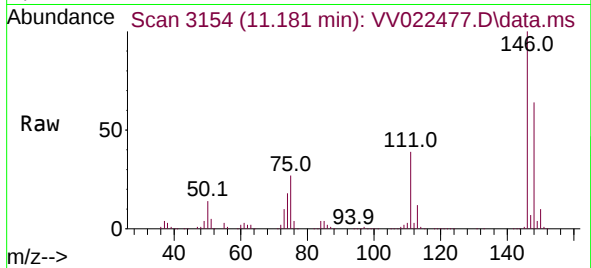




#64
1,3-Dichlorobenzene
Concen: 200.192 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

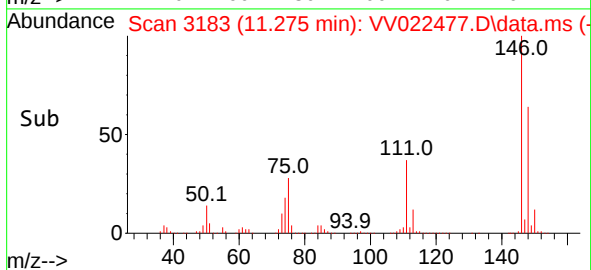
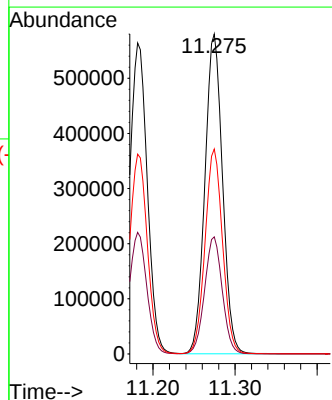
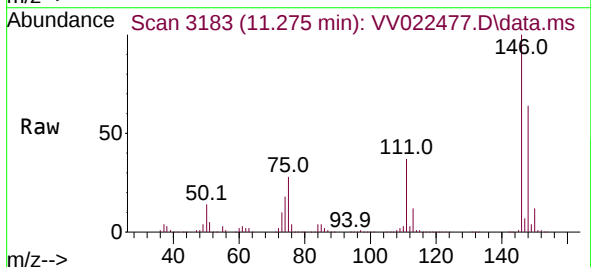
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

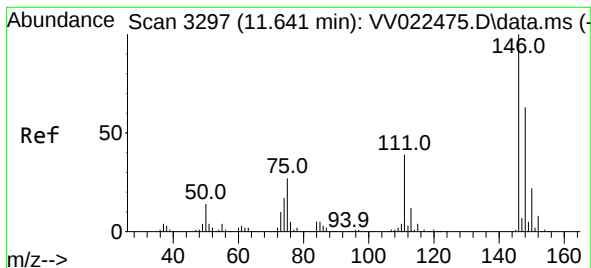
Tgt Ion:146 Resp: 851276
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.3
148 64.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 198.889 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:146 Resp: 863815
Ion Ratio Lower Upper
146 100
111 36.6 25.5 47.3
148 64.1 43.9 81.5

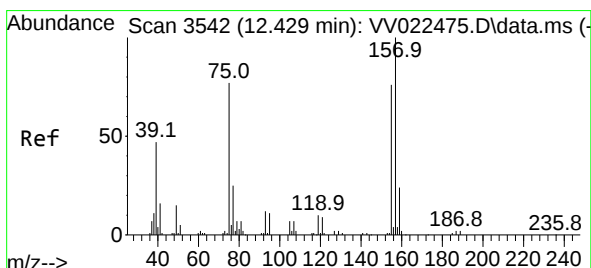
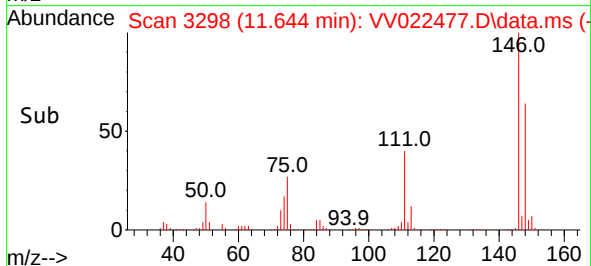
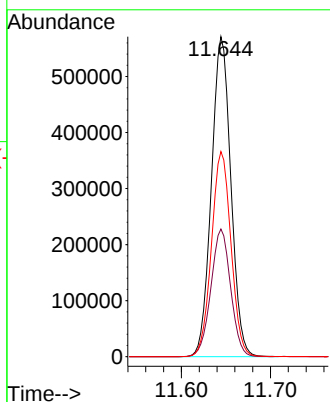
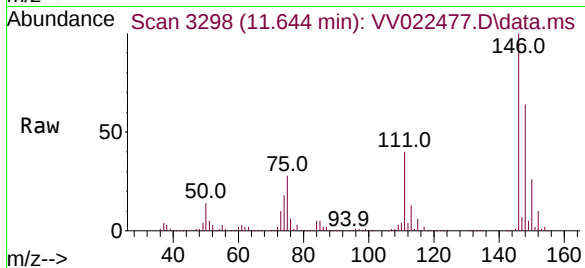




#67
1,2-Dichlorobenzene
Concen: 199.316 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

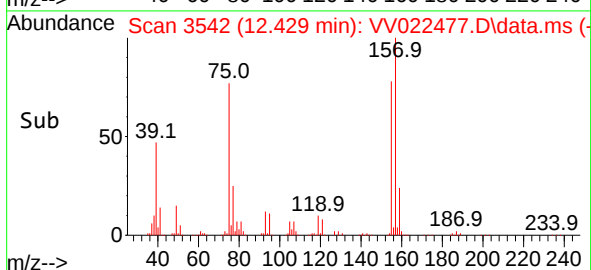
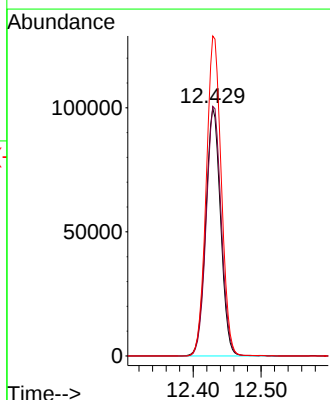
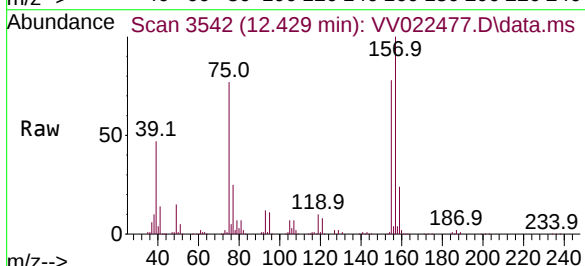
Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

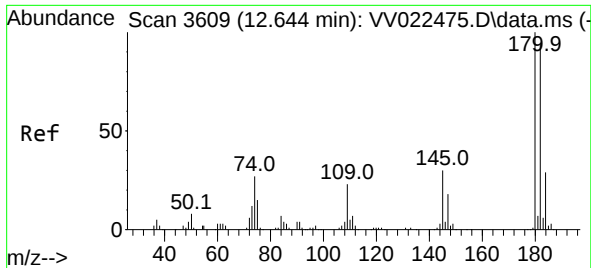
Tgt Ion:146 Resp: 865455
Ion Ratio Lower Upper
146 100
111 39.9 31.6 47.4
148 64.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 227.810 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

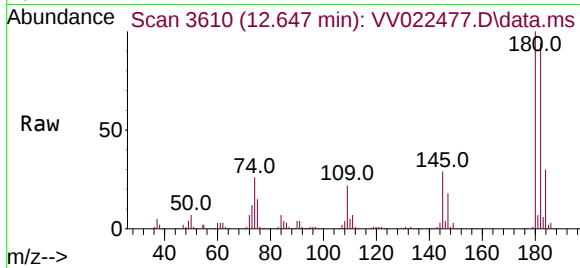
Tgt Ion: 75 Resp: 152214
Ion Ratio Lower Upper
75 100
155 100.7 79.1 118.7
157 129.1 104.2 156.2



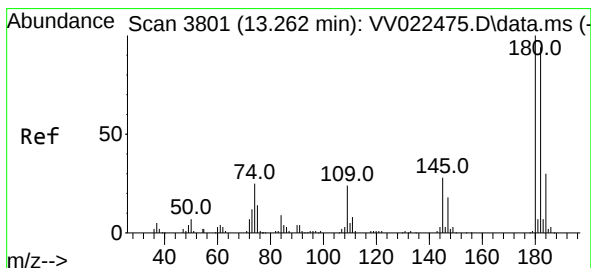
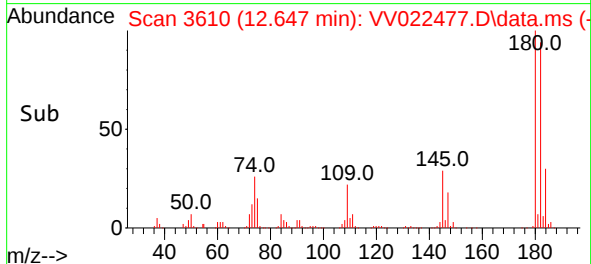
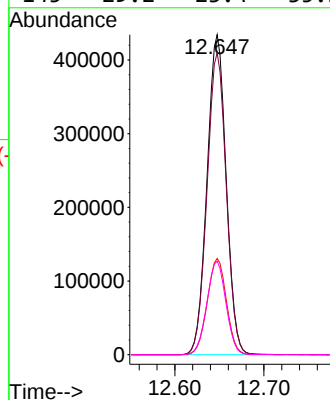


#69
 1,3,5-Trichlorobenzene
 Concen: 209.041 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200261

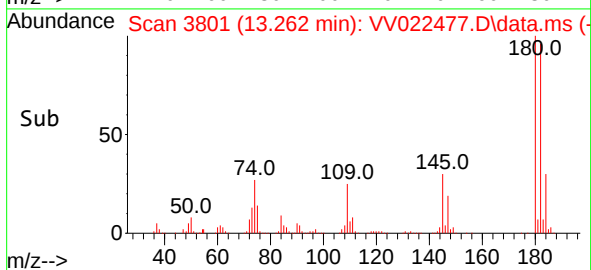
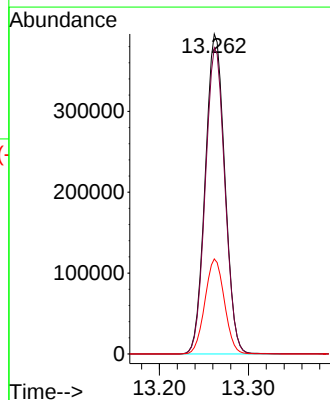
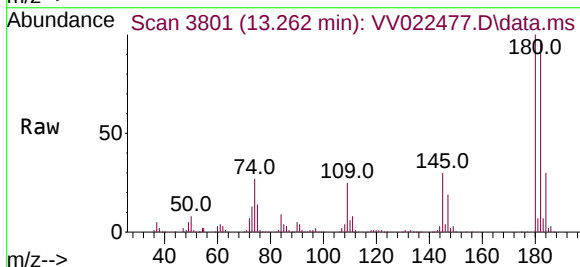


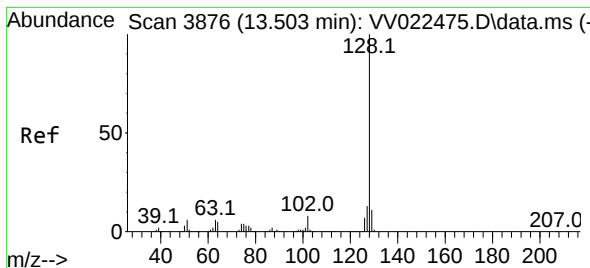
Tgt Ion:180 Resp: 646970
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.0 112.4
 184 30.2 23.6 35.4
 145 29.2 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 227.889 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV022477.D
 Acq: 01 Oct 2021 20:37

Tgt Ion:180 Resp: 603652
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.5 113.3
 145 29.5 23.0 34.4

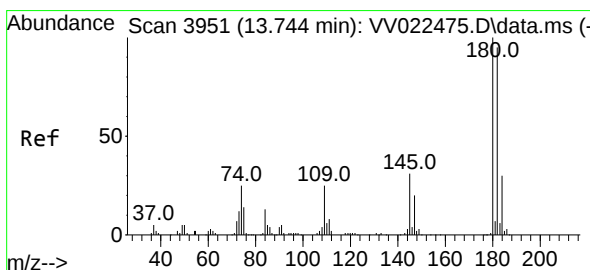
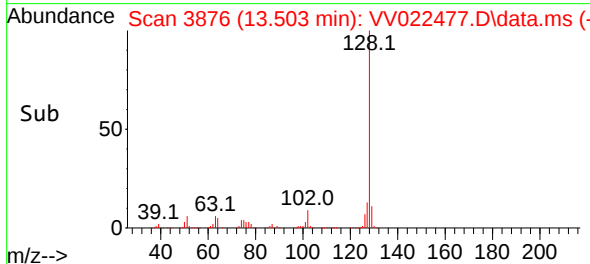
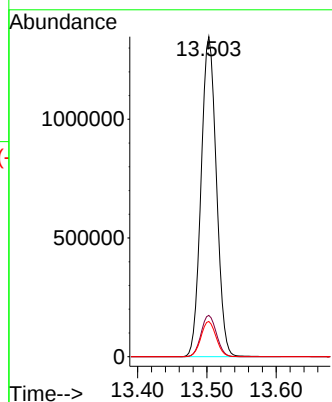
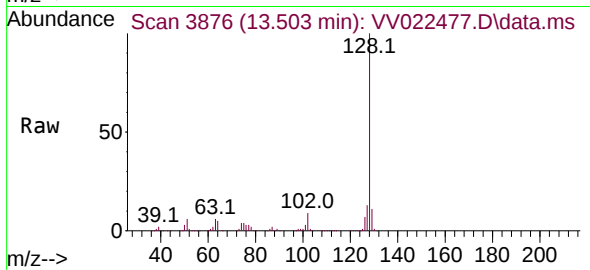




#71
Naphthalene
Concen: 253.036 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200261

Tgt Ion:128 Resp: 2068263
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 221.836 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022477.D
Acq: 01 Oct 2021 20:37

Tgt Ion:180 Resp: 605720
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
145 31.4 24.6 36.8

