

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102121\
 Data File : VW022958.D
 Acq On : 21 Oct 2021 14:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050363

Quant Time: Oct 22 03:54:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 22 03:48:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	306274	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	299248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	176184	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	107225	56.608	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.220%
7) Chloroethane-d5	1.564	69	59319	39.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.680%
11) 1,1-Dichloroethene-d2	2.111	63	152967	40.956	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
21) 2-Butanone-d5	3.879	46	125296	120.171	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.170%
24) Chloroform-d	4.349	84	184992	53.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
26) 1,2-Dichloroethane-d4	5.034	65	108313	53.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.900%
32) Benzene-d6	5.050	84	366647	52.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.780%
36) 1,2-Dichloropropane-d6	6.069	67	113512	53.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.380%
41) Toluene-d8	7.316	98	349869	55.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.040%
43) trans-1,3-Dichloroprop...	7.622	79	54876	54.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.700%
47) 2-Hexanone-d5	8.088	63	92706	104.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	160654	54.135	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	143262	49.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	149353	48.760	ug/L	99
3) Chloromethane	1.240	50	145289	47.701	ug/L	99
5) Vinyl chloride	1.310	62	148609	51.473	ug/L	99
6) Bromomethane	1.519	94	66826	33.151	ug/L	99
8) Chloroethane	1.584	64	67226	38.179	ug/L	99
9) Trichlorofluoromethane	1.751	101	178797	45.089	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	91848	40.918	ug/L	96
12) 1,1-Dichloroethene	2.117	96	83855	39.195	ug/L	99
13) Acetone	2.429	43	119388	90.645	ug/L	72
14) Carbon disulfide	2.294	76	288279	44.607	ug/L	99
15) Methyl Acetate	2.429	43	127325	52.993	ug/L	96
16) Methylene chloride	2.506	84	134353	49.982	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	119933	51.067	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	354117	48.839	ug/L	99
19) 1,1-Dichloroethane	3.191	63	218150	52.496	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	128722	51.448	ug/L	97
22) 2-Butanone	3.963	43	179278	103.377	ug/L	82
23) Bromochloromethane	4.249	128	72576	52.799	ug/L	98
25) Chloroform	4.374	83	223672	53.489	ug/L	99

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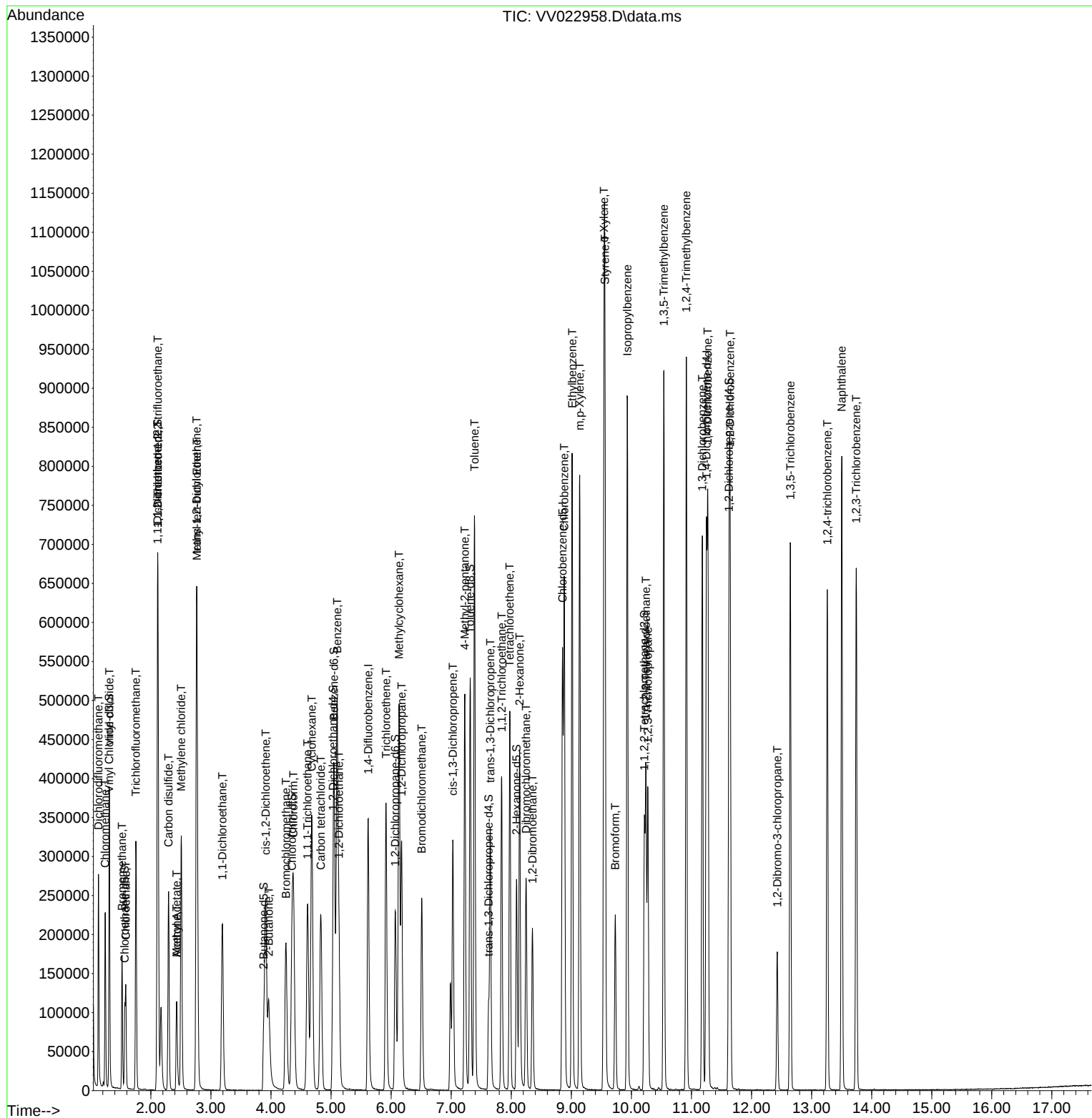
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	160032	52.851	ug/L	97
29) Cyclohexane	4.680	56	188697	54.099	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	194385	52.000	ug/L	99
31) Carbon tetrachloride	4.828	117	173732	52.902	ug/L	98
33) Benzene	5.101	78	492844	53.339	ug/L	100
34) Trichloroethene	5.915	95	128408	53.226	ug/L	98
35) Methylcyclohexane	6.133	83	201216	55.006	ug/L	97
37) 1,2-Dichloropropane	6.175	63	129094	54.569	ug/L	99
38) Bromodichloromethane	6.509	83	160384	52.193	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	190506	53.546	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	323081	97.196	ug/L	99
42) Toluene	7.387	91	534434	54.909	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	187633	54.776	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	125198	51.125	ug/L	98
46) Tetrachloroethene	7.976	164	108994	53.967	ug/L	97
48) 2-Hexanone	8.140	43	259097	101.914	ug/L	99
49) Dibromochloromethane	8.246	129	141610	53.436	ug/L	99
50) 1,2-Dibromoethane	8.352	107	134891	51.161	ug/L	97
51) Chlorobenzene	8.882	112	344743	53.251	ug/L	100
52) Ethylbenzene	9.014	91	560867	55.368	ug/L	100
53) m,p-Xylene	9.140	106	223287	55.635	ug/L	100
54) o-Xylene	9.545	106	214205	54.782	ug/L	99
55) Styrene	9.561	104	384550	57.308	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	196184	51.833	ug/L	99
59) Bromoform	9.731	173	101881	46.766	ug/L	99
60) Isopropylbenzene	9.934	105	566876	50.571	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152764	45.593	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	475382	50.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	487945	52.005	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	289608	50.925	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	298546	50.548	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	289126	49.748	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	39683	43.227	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	219657	51.983	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	195475	51.444	ug/L	98
71) Naphthalene	13.503	128	619733	49.530	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	203651	51.855	ug/L	99

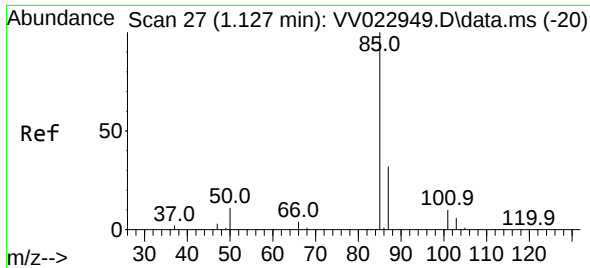
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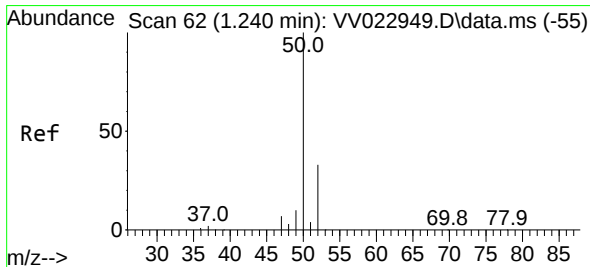
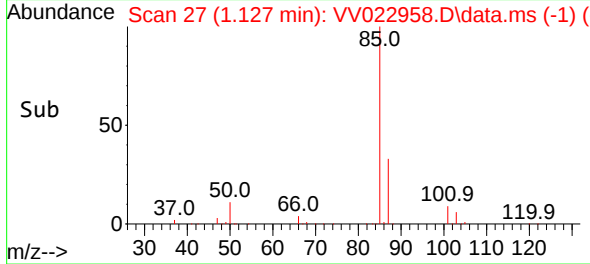
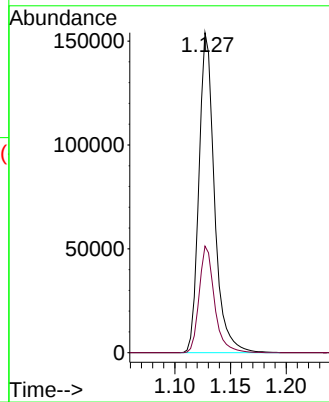
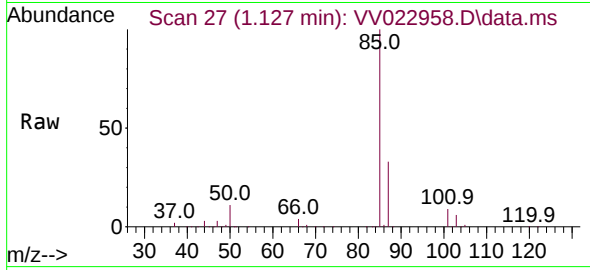




#2
 Dichlorodifluoromethane
 Concen: 48.760 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022958.D
 Acq: 21 Oct 2021 14:52

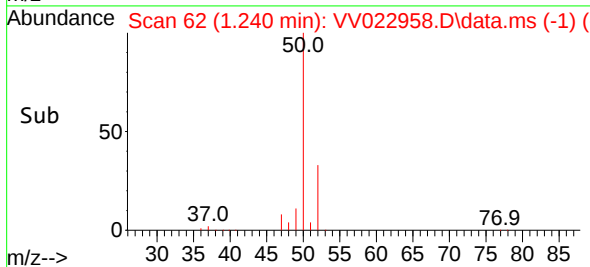
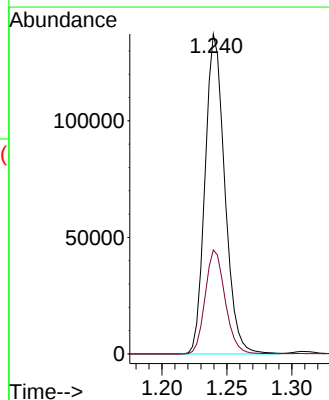
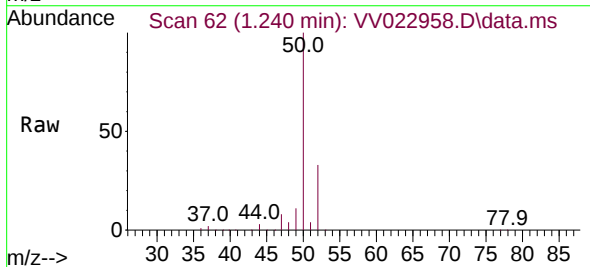
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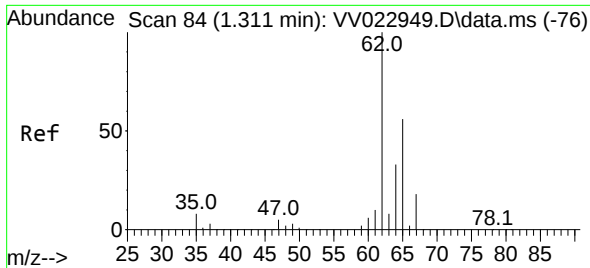
Tgt Ion: 85 Resp: 149353
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 47.701 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022958.D
 Acq: 21 Oct 2021 14:52

Tgt Ion: 50 Resp: 145289
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8

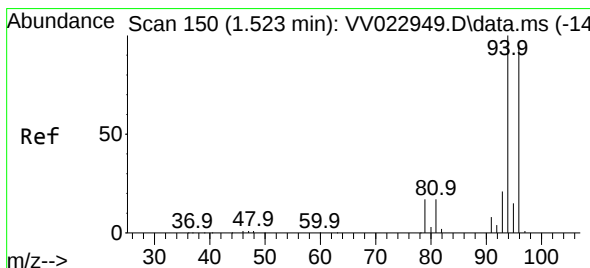
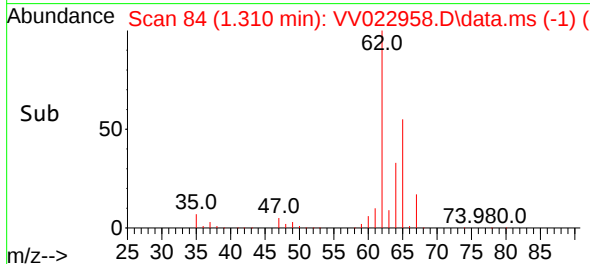
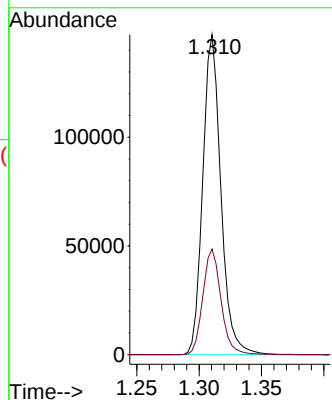
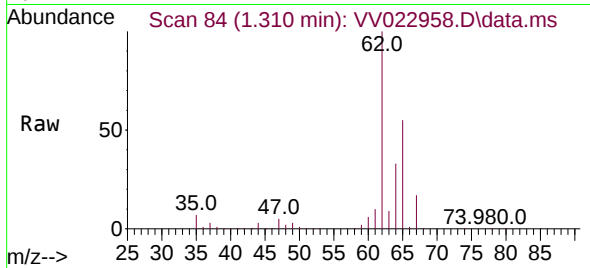




#5
 Vinyl chloride
 Concen: 51.473 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022958.D
 Acq: 21 Oct 2021 14:52

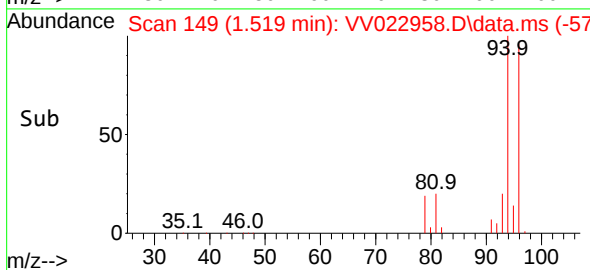
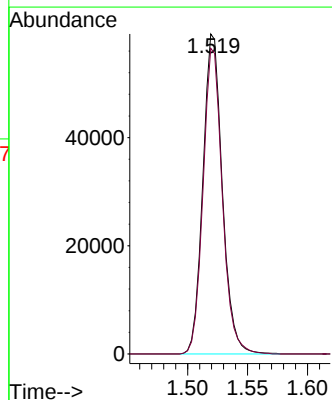
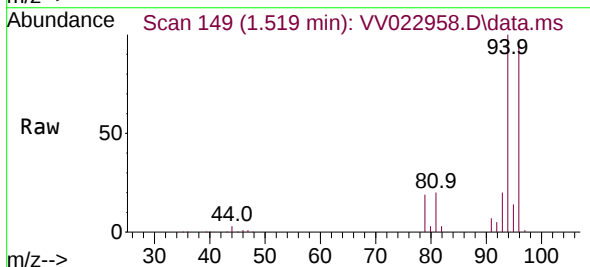
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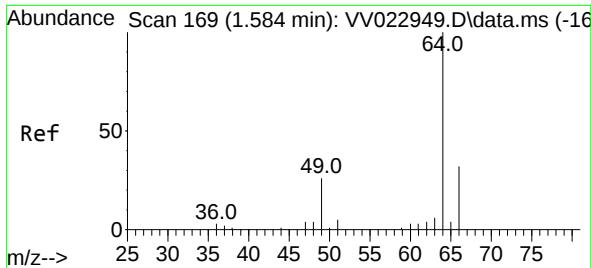
Tgt Ion: 62 Resp: 148609
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.5 41.9



#6
 Bromomethane
 Concen: 33.151 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.004 min
 Lab File: VV022958.D
 Acq: 21 Oct 2021 14:52

Tgt Ion: 94 Resp: 66826
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.4 123.2

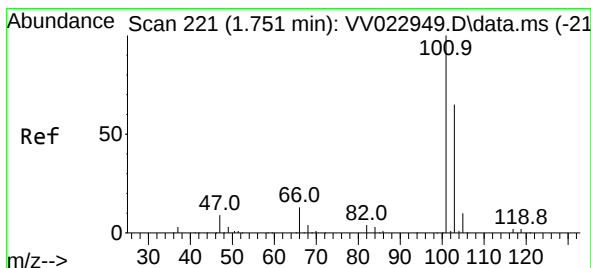
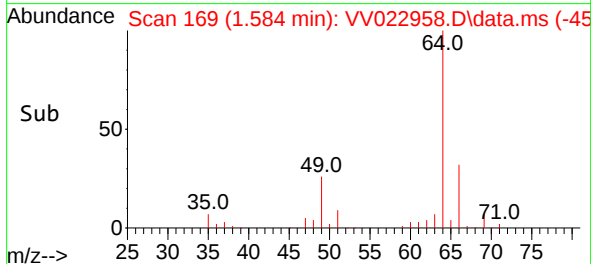
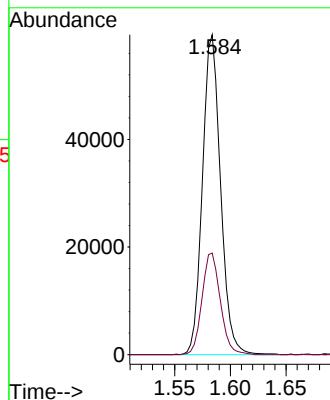
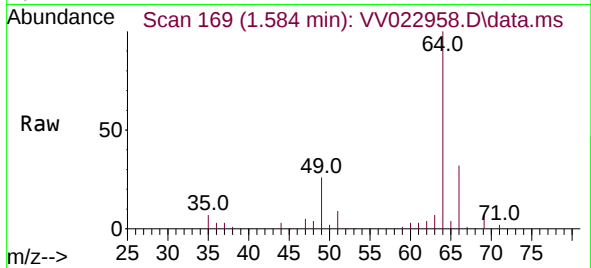




#8
Chloroethane
Concen: 38.179 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

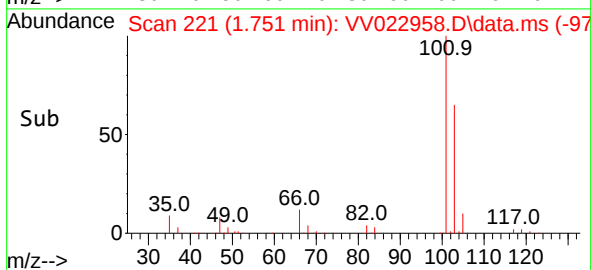
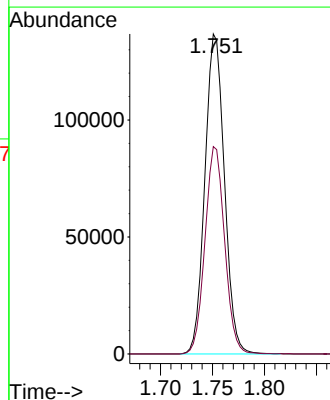
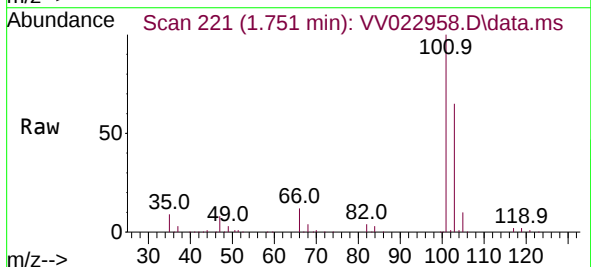
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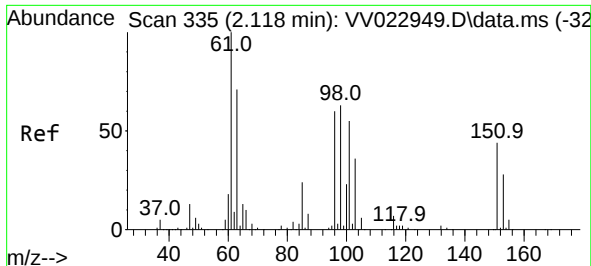
Tgt Ion: 64 Resp: 67226
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 45.089 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
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Acq: 21 Oct 2021 14:52

Tgt Ion:101 Resp: 178797
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

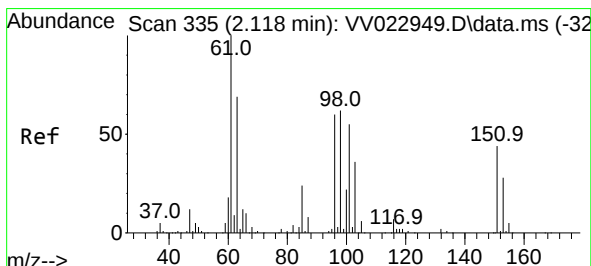
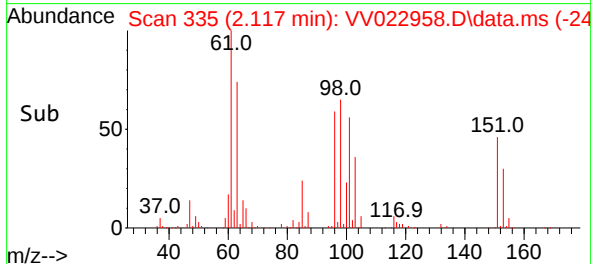
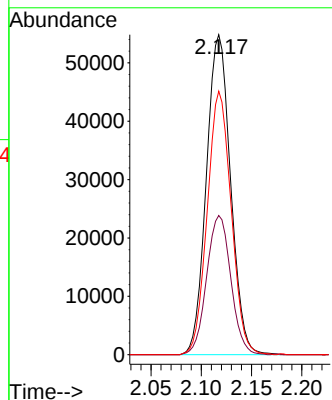
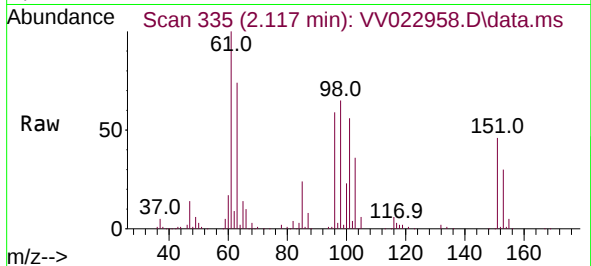




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.918 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV022958.D
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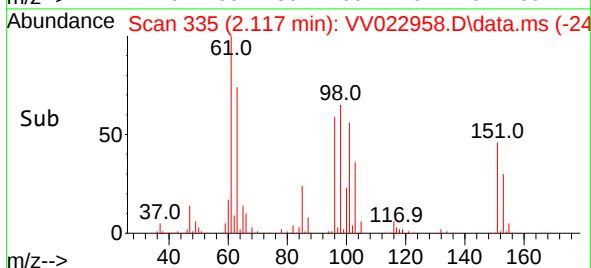
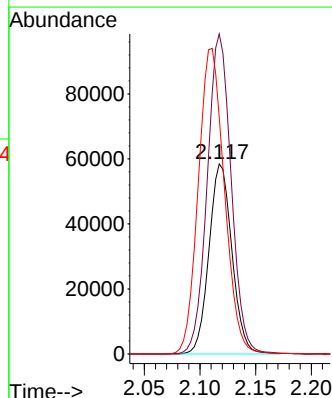
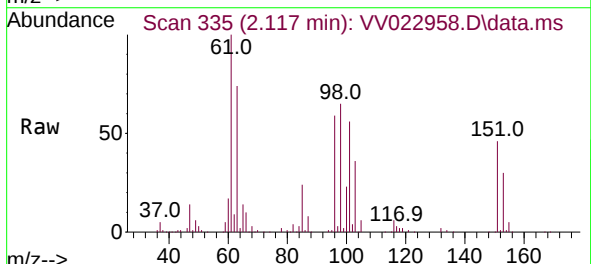
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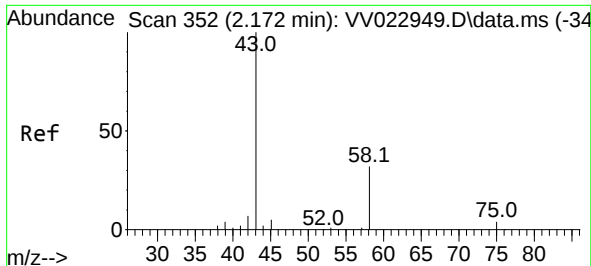
Tgt Ion:101 Resp: 91848
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 81.5 61.3 91.9



#12
1,1-Dichloroethene
Concen: 39.195 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 96 Resp: 83855
Ion Ratio Lower Upper
96 100
61 168.4 118.0 219.2
63 124.5 86.4 160.4

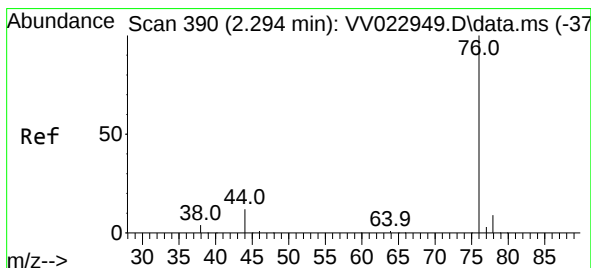
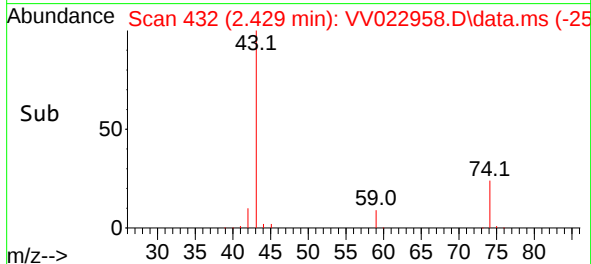
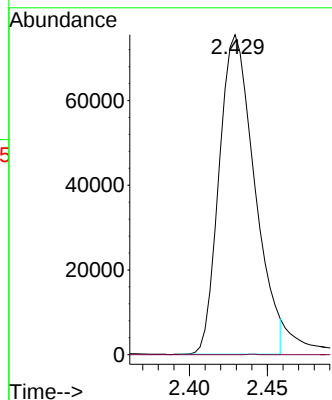
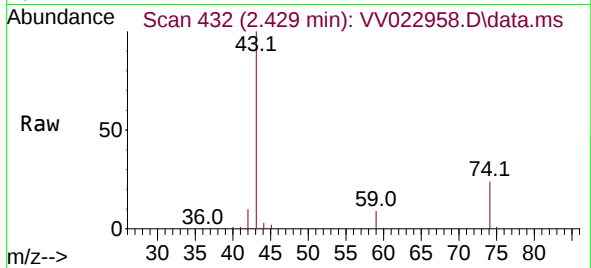




#13
Acetone
Concen: 90.645 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.257 min
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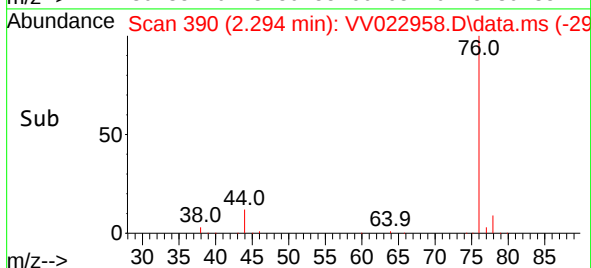
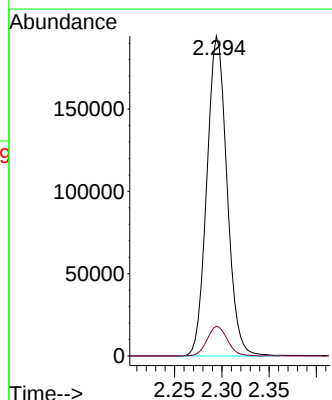
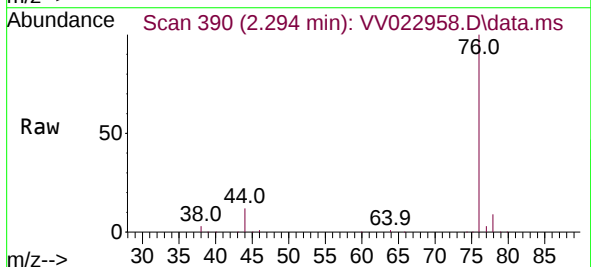
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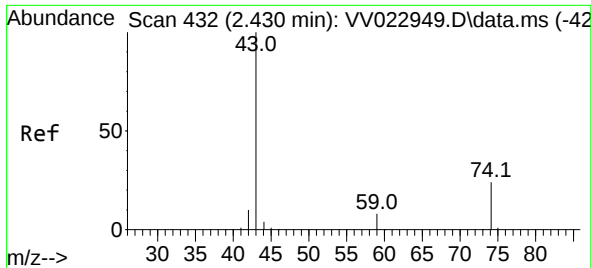
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Ion Ratio Lower Upper
43 100
58 0.0 0.0 21.2



#14
Carbon disulfide
Concen: 44.607 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 288279
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

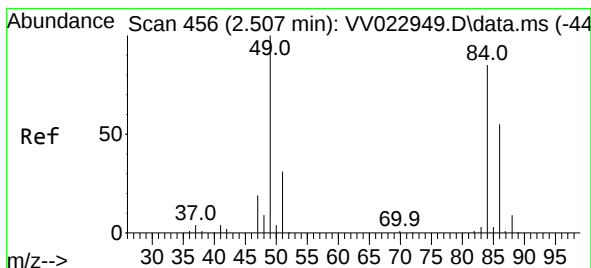
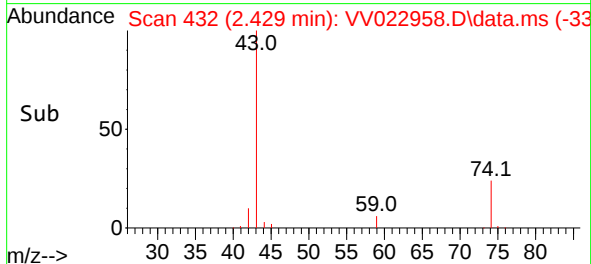
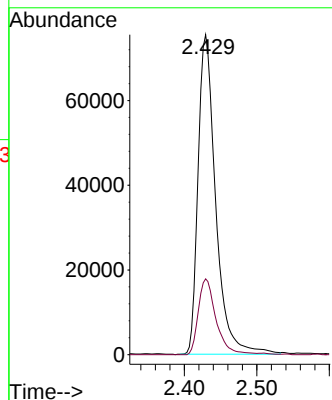
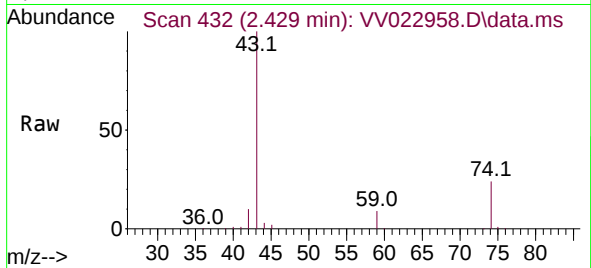




#15
Methyl Acetate
Concen: 52.993 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

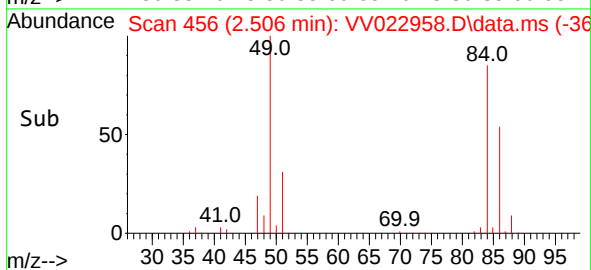
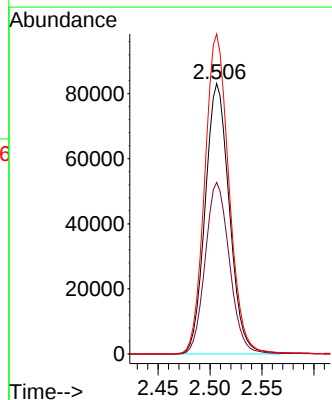
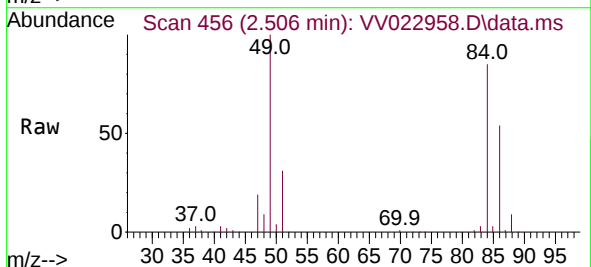
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

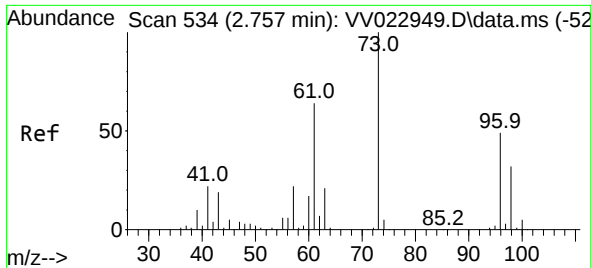
Tgt Ion: 43 Resp: 127325
Ion Ratio Lower Upper
43 100
74 23.9 20.6 30.8



#16
Methylene chloride
Concen: 49.982 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 84 Resp: 134353
Ion Ratio Lower Upper
84 100
86 63.4 45.6 84.6
49 118.3 82.7 153.7

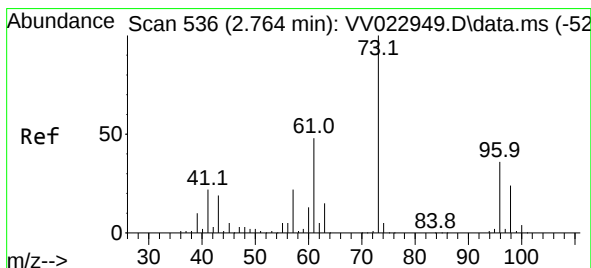
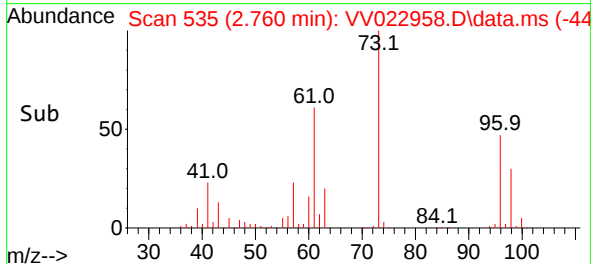
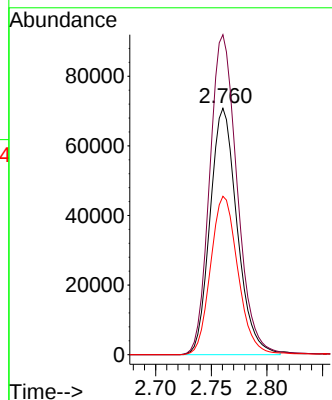
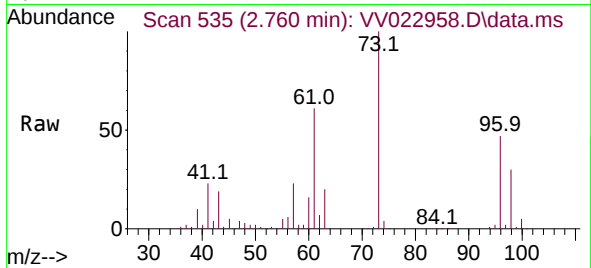




#17
trans-1,2-Dichloroethene
Concen: 51.067 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

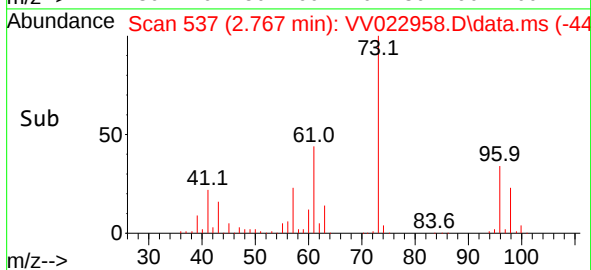
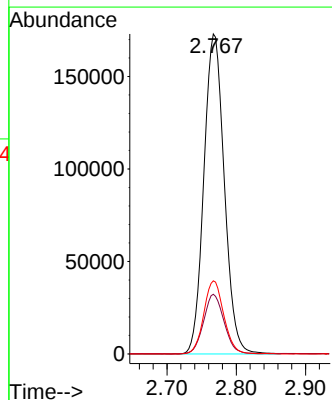
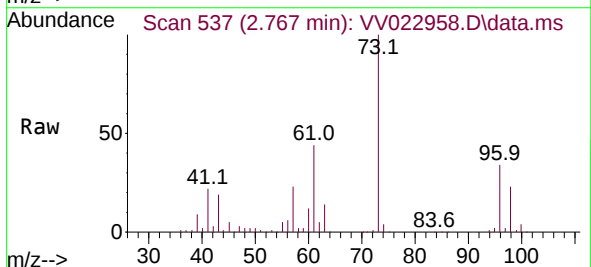
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

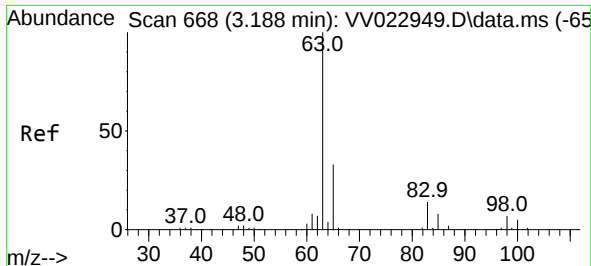
Tgt Ion: 96 Resp: 119933
Ion Ratio Lower Upper
96 100
61 129.9 90.8 168.6
98 64.3 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 48.839 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 73 Resp: 354117
Ion Ratio Lower Upper
73 100
43 18.5 15.1 22.7
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 52.496 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

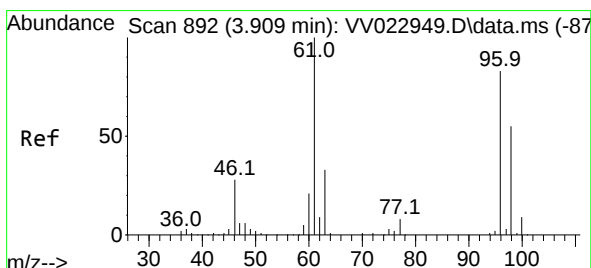
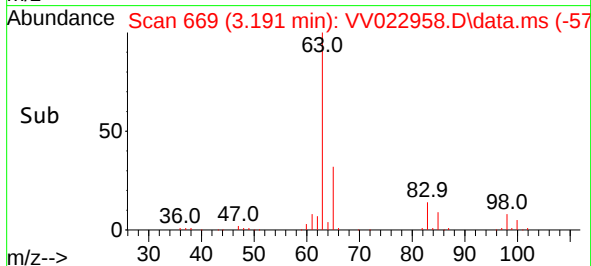
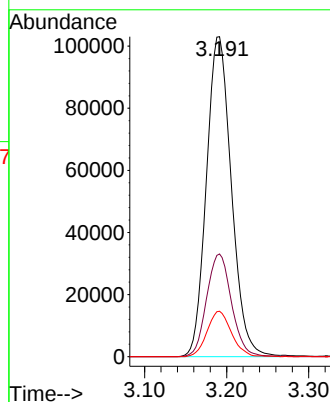
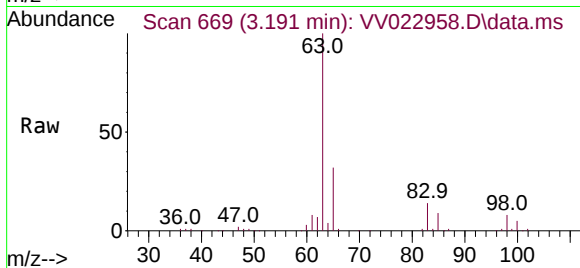
Tgt Ion: 63 Resp: 218150

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 14.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.448 ug/L

RT: 3.911 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

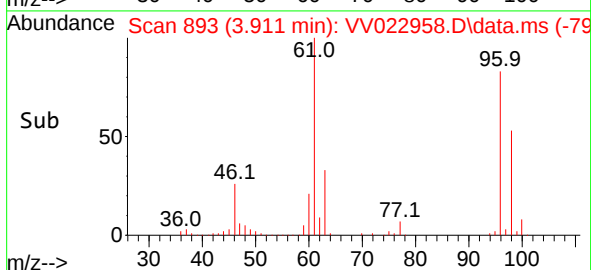
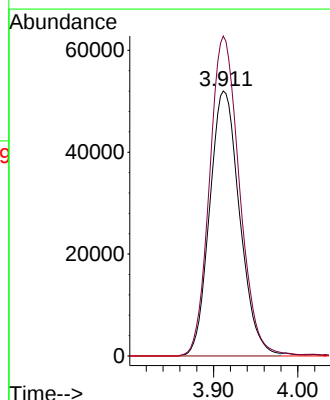
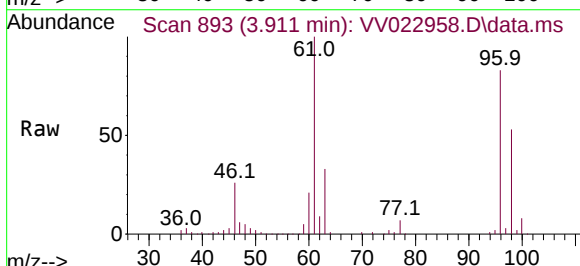
Tgt Ion: 96 Resp: 128722

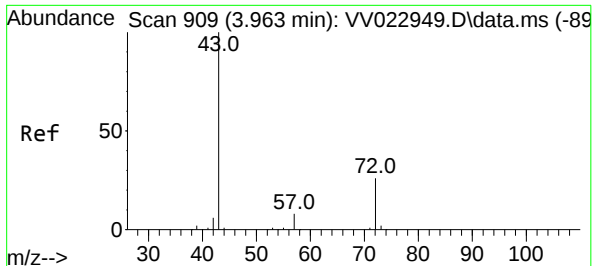
Ion Ratio Lower Upper

96 100

61 120.7 81.9 152.1

68 0.0 0.0 0.0

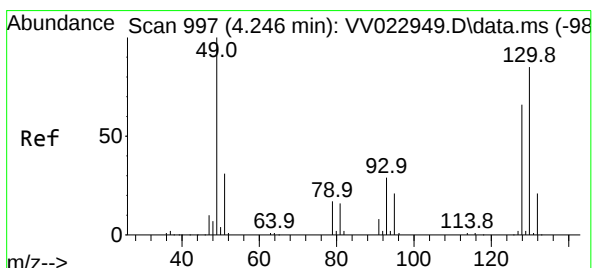
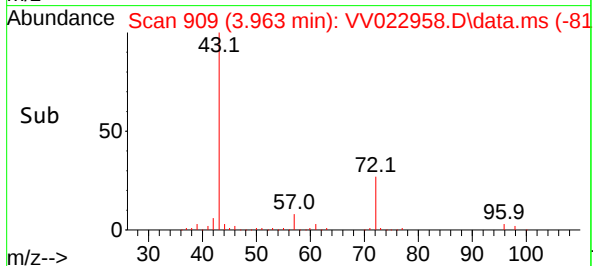
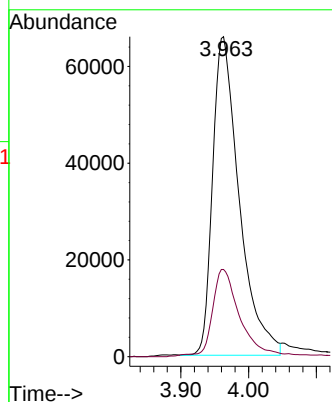
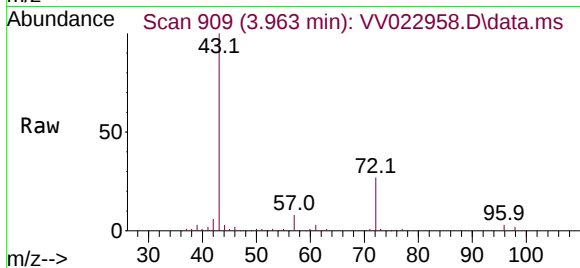




#22
2-Butanone
Concen: 103.377 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

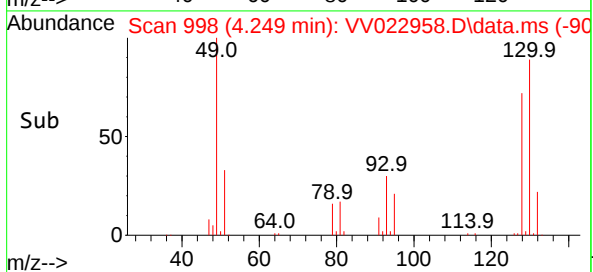
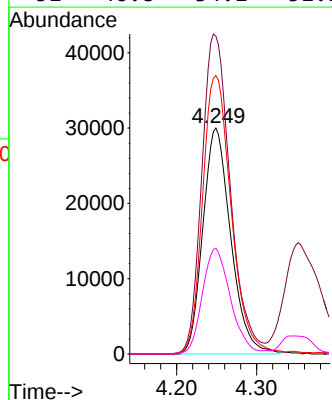
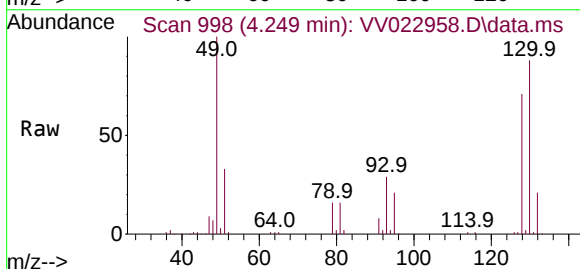
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

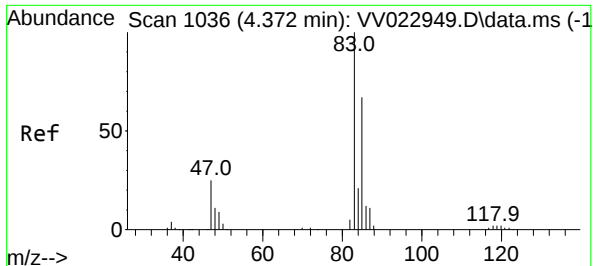
Tgt Ion: 43 Resp: 179278
Ion Ratio Lower Upper
43 100
72 28.1 10.0 29.8



#23
Bromochloromethane
Concen: 52.799 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion:128 Resp: 72576
Ion Ratio Lower Upper
128 100
49 140.7 97.2 180.4
130 123.2 86.3 160.3
51 46.8 34.1 51.1





#25

Chloroform

Concen: 53.489 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV022958.D

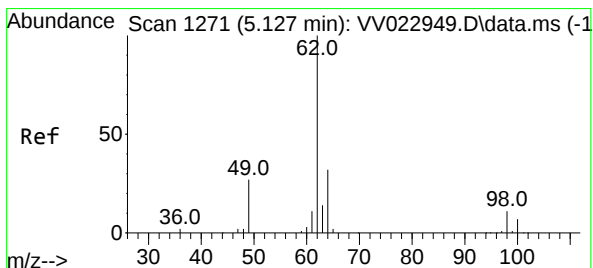
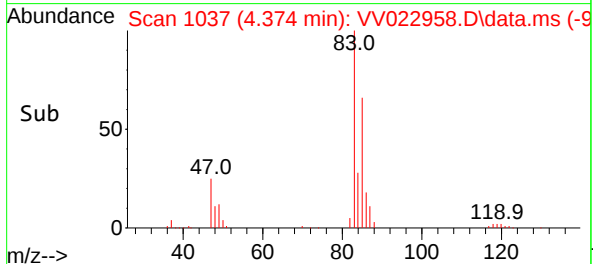
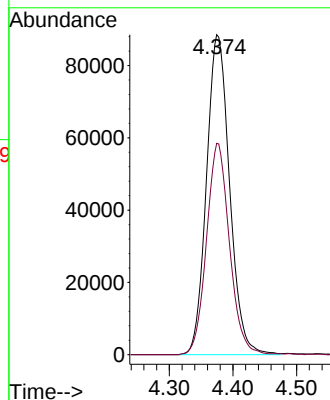
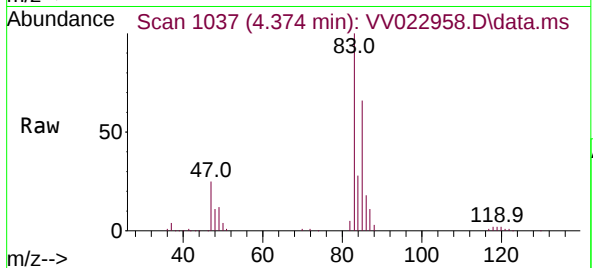
Acq: 21 Oct 2021 14:52

Tgt Ion: 83 Resp: 223672

Ion Ratio Lower Upper

83 100

85 66.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 52.851 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV022958.D

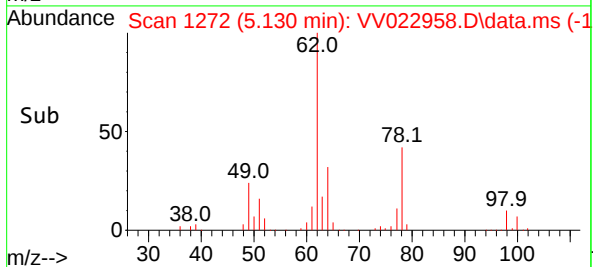
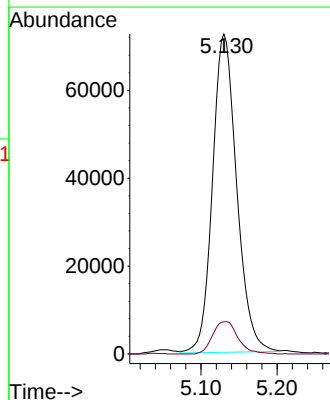
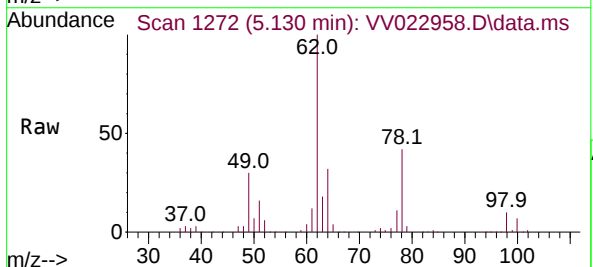
Acq: 21 Oct 2021 14:52

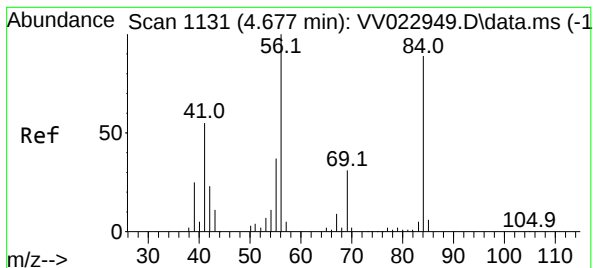
Tgt Ion: 62 Resp: 160032

Ion Ratio Lower Upper

62 100

98 10.1 9.0 13.4





#29

Cyclohexane

Concen: 54.099 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

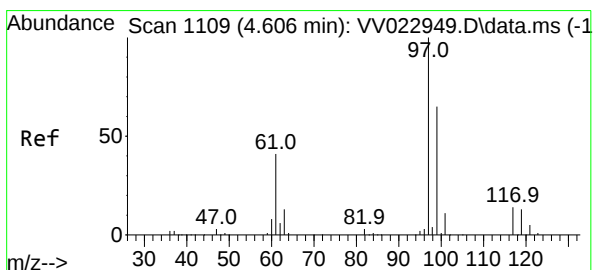
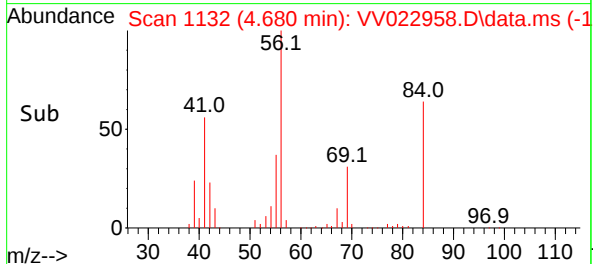
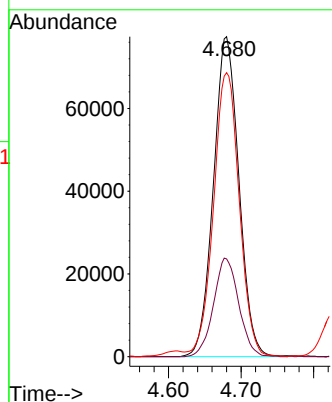
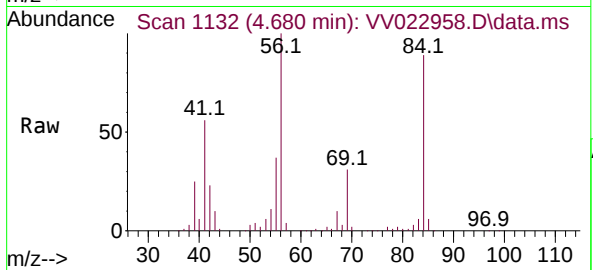
Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Tgt Ion: 56 Resp: 188697

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.9	37.3
84	89.9	73.9	110.9

Instrument :
MSVOA_V
ClientSampleId :
VSTD050363



#30

1,1,1-Trichloroethane

Concen: 52.000 ug/L

RT: 4.609 min Scan# 1110

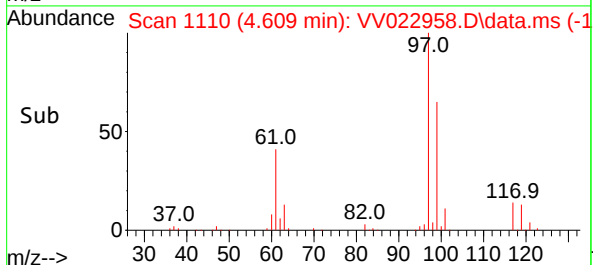
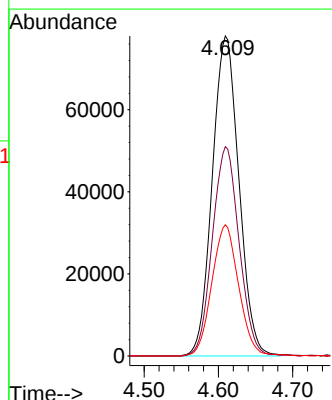
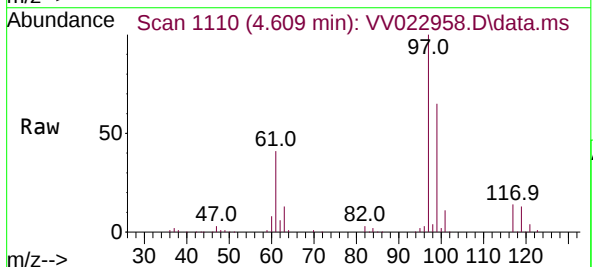
Delta R.T. 0.003 min

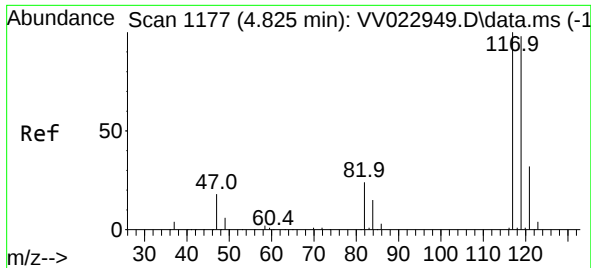
Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Tgt Ion: 97 Resp: 194385

Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.7	77.5
61	41.1	32.9	49.3

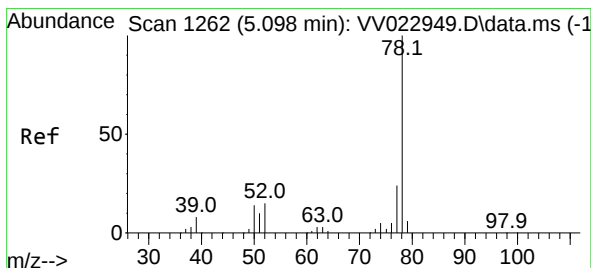
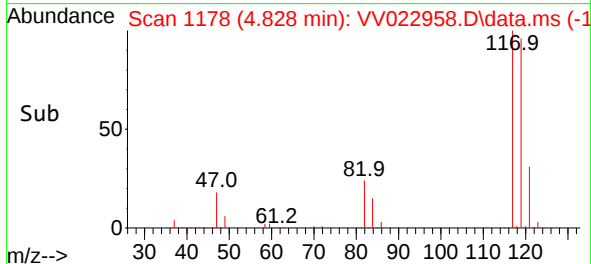
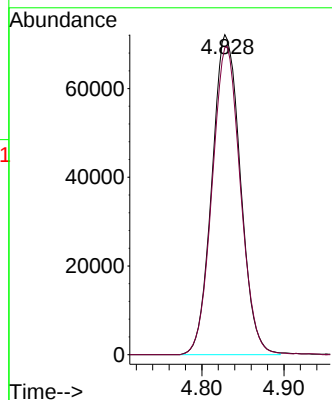
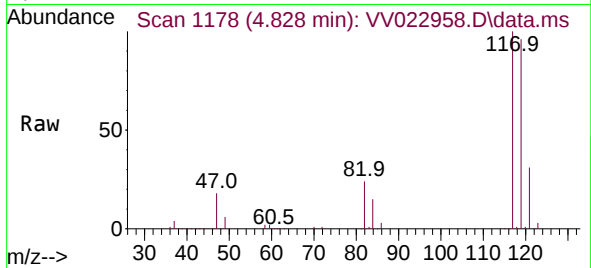




#31
Carbon tetrachloride
Concen: 52.902 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

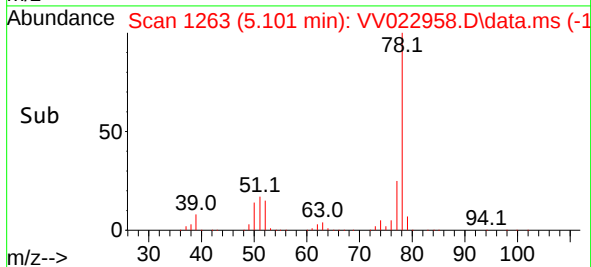
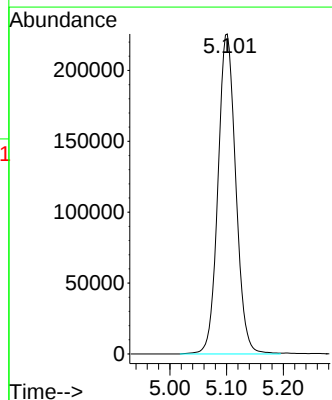
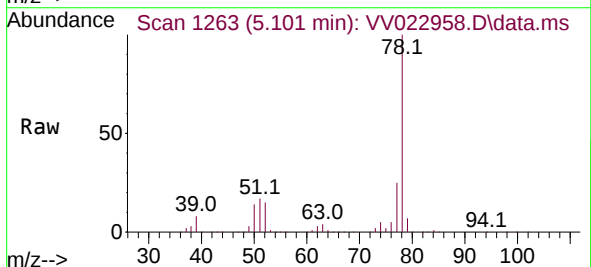
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

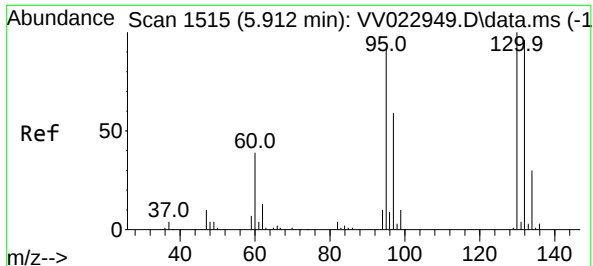
Tgt Ion:117 Resp: 173732
Ion Ratio Lower Upper
117 100
119 95.9 78.3 117.5



#33
Benzene
Concen: 53.339 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 78 Resp: 492844

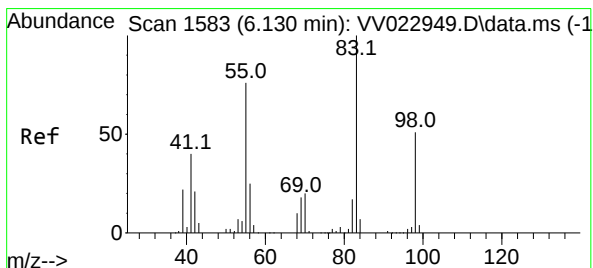
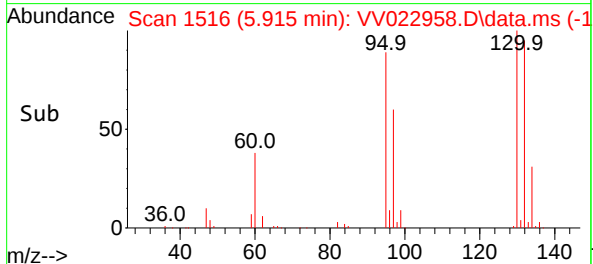
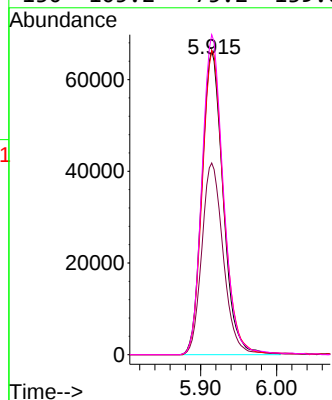
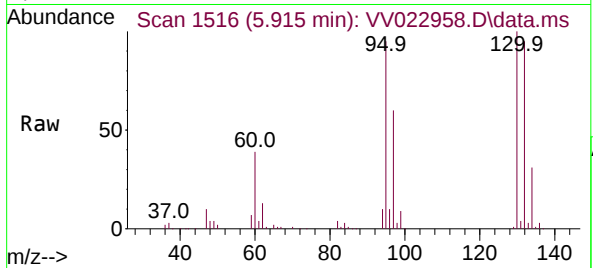




#34
Trichloroethene
Concen: 53.226 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

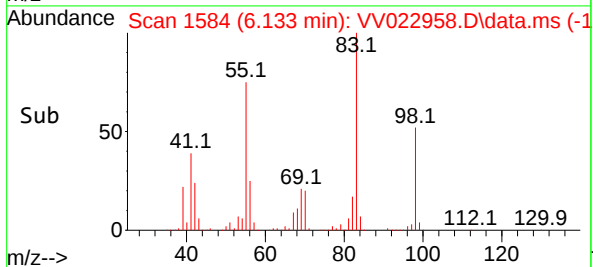
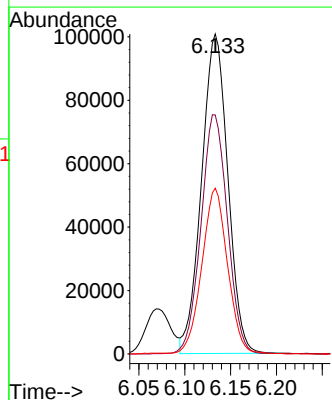
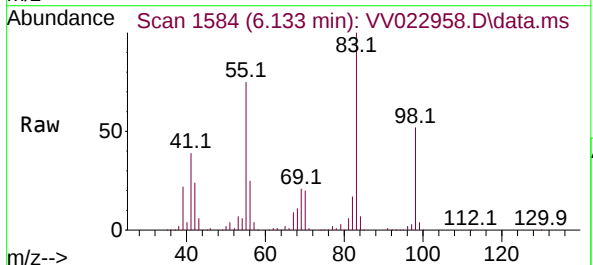
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

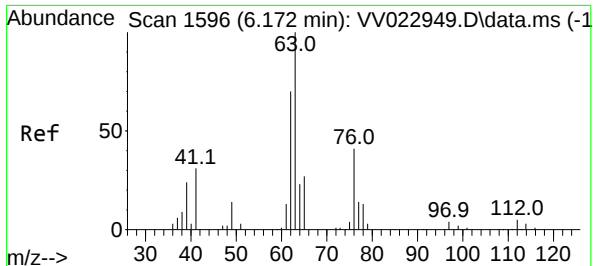
Tgt Ion: 95 Resp: 128408
Ion Ratio Lower Upper
95 100
97 63.0 45.4 84.4
132 100.0 71.5 132.9
130 105.2 75.2 139.6



#35
Methylcyclohexane
Concen: 55.006 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 83 Resp: 201216
Ion Ratio Lower Upper
83 100
55 75.1 56.7 85.1
98 50.7 40.6 60.8

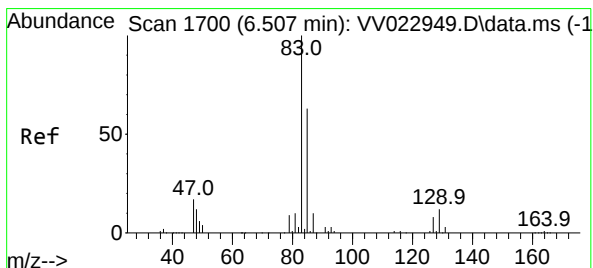
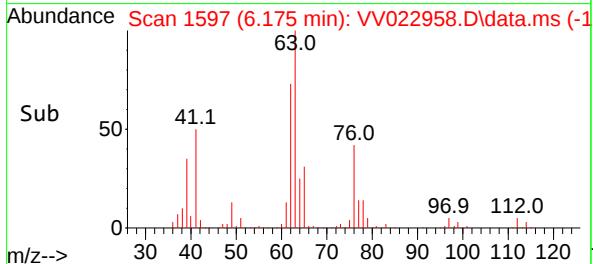
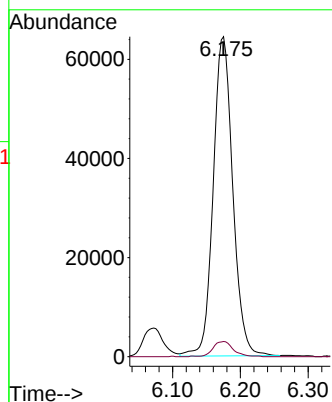
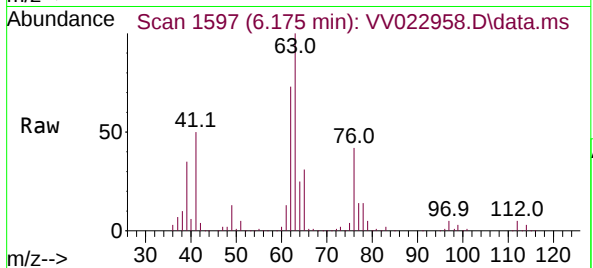




#37
1,2-Dichloropropane
Concen: 54.569 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

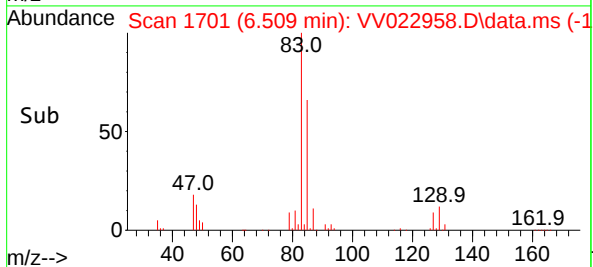
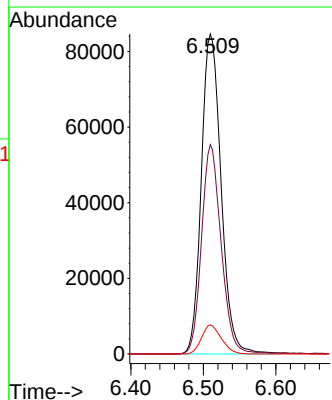
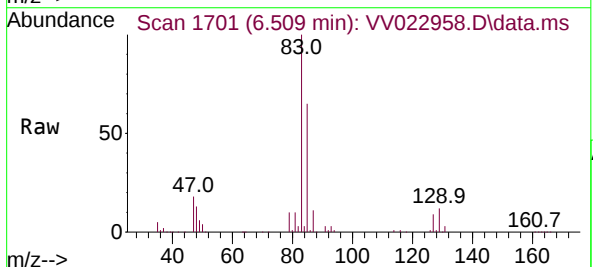
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

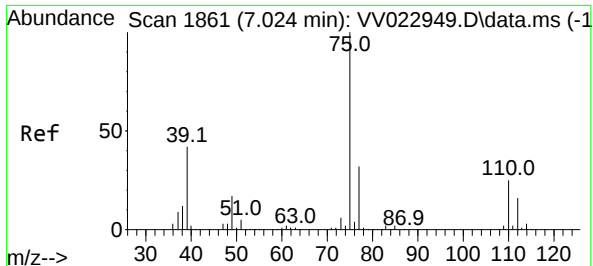
Tgt Ion: 63 Resp: 129094
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1



#38
Bromodichloromethane
Concen: 52.193 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 83 Resp: 160384
Ion Ratio Lower Upper
83 100
85 65.4 46.3 86.1
127 9.1 7.5 11.3

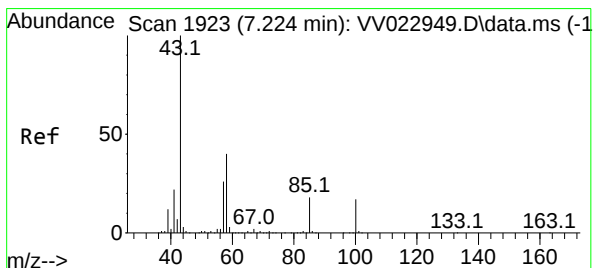
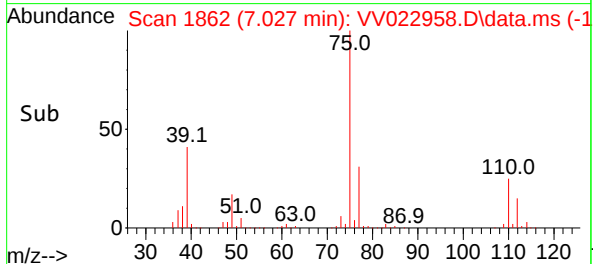
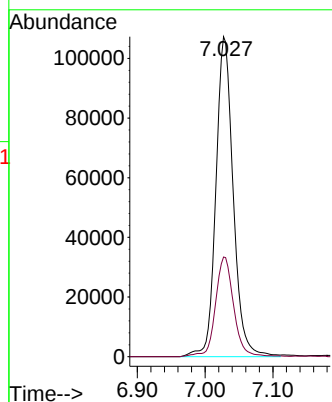
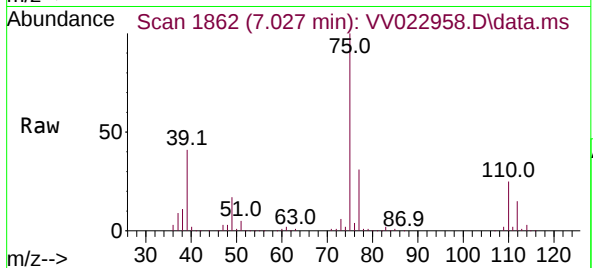




#39
cis-1,3-Dichloropropene
Concen: 53.546 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

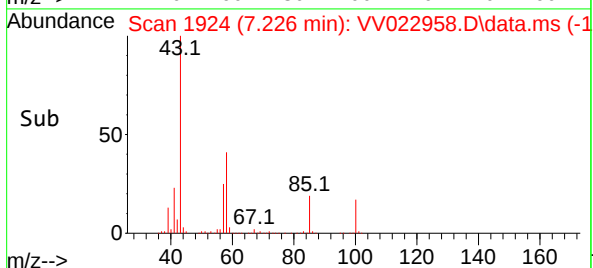
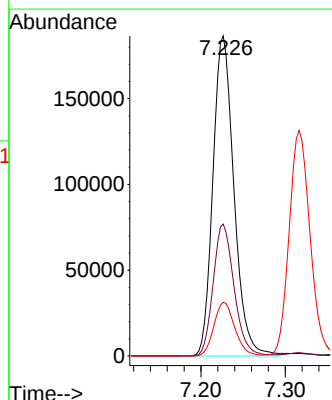
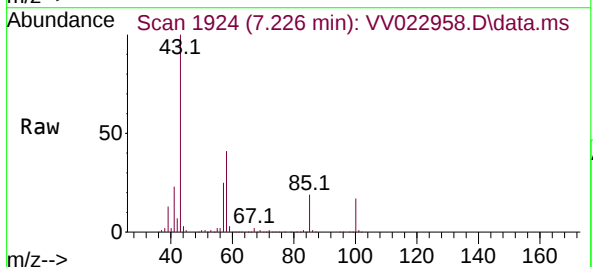
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

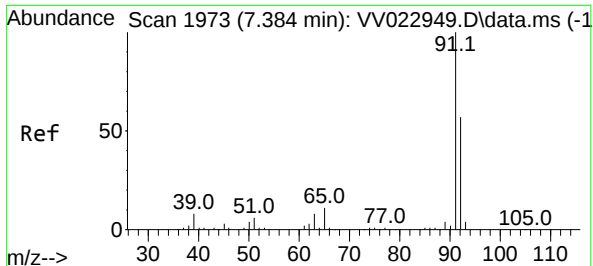
Tgt Ion: 75 Resp: 190506
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 97.196 ug/L
RT: 7.226 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 43 Resp: 323081
Ion Ratio Lower Upper
43 100
58 41.0 32.5 48.7
100 16.7 13.9 20.9

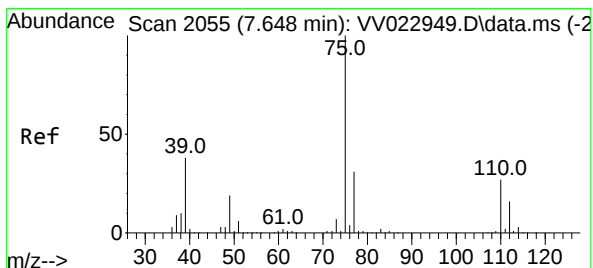
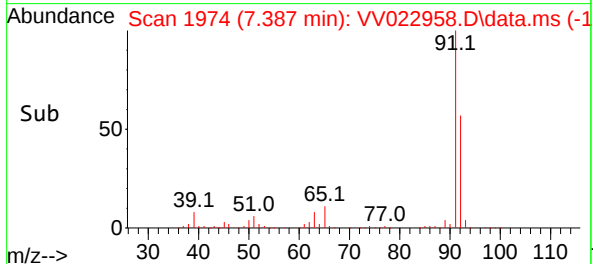
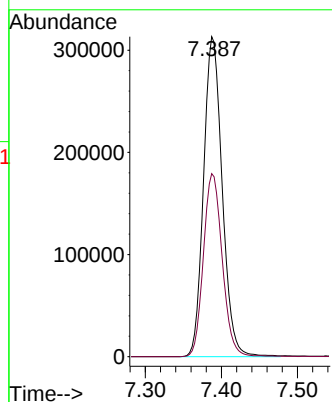
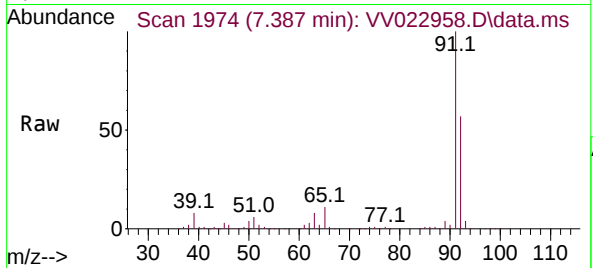




#42
Toluene
Concen: 54.909 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

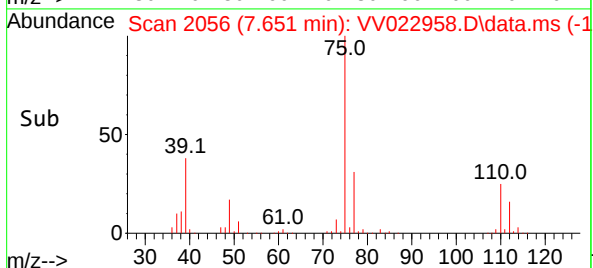
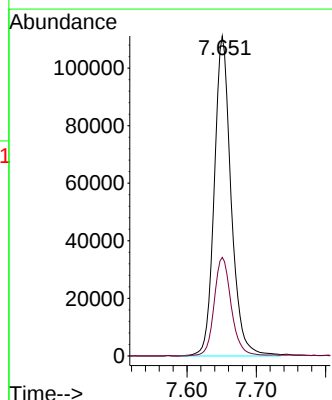
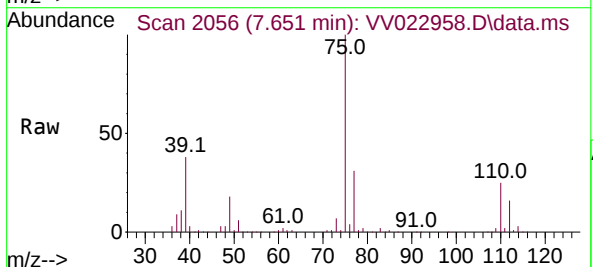
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

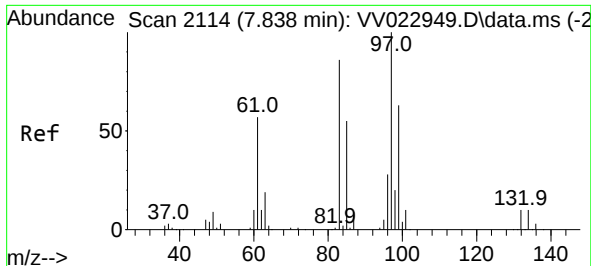
Tgt Ion: 91 Resp: 534434
Ion Ratio Lower Upper
91 100
92 57.2 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 54.776 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 75 Resp: 187633
Ion Ratio Lower Upper
75 100
77 30.8 22.0 40.8



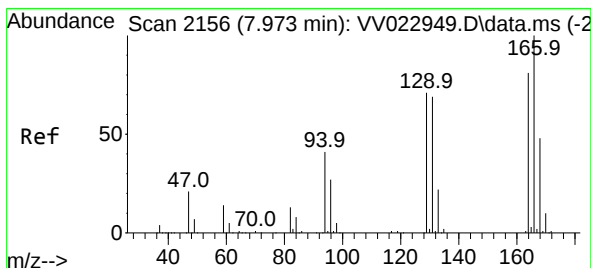
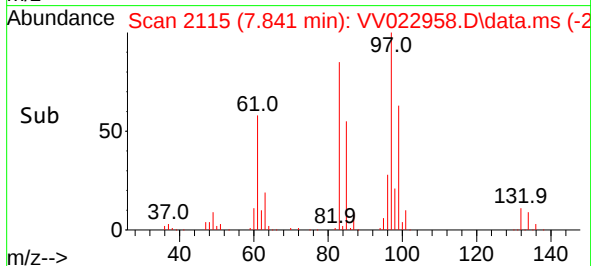
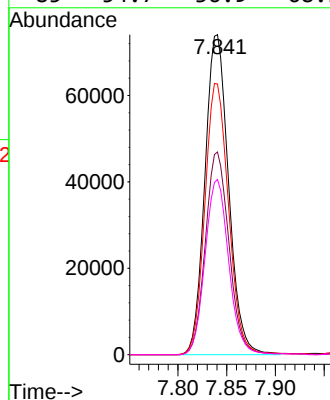
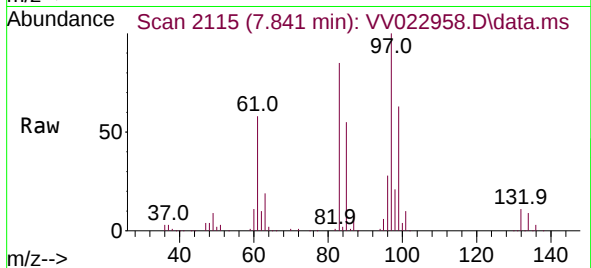


#45

1,1,2-Trichloroethane
Concen: 51.125 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

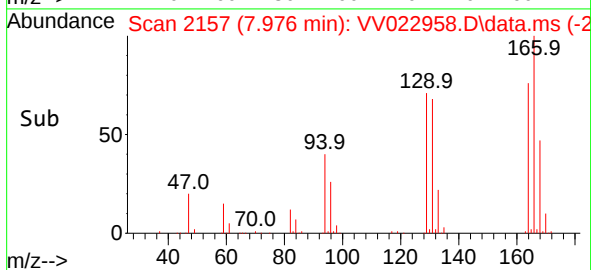
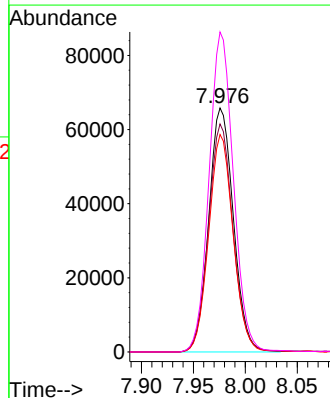
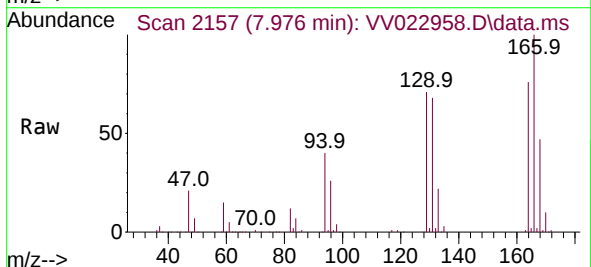
Tgt Ion:	97	Resp:	125198
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.1	80.1
83	84.6	58.6	108.8
85	54.7	36.9	68.5

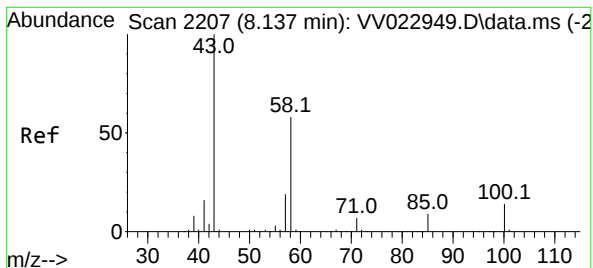


#46

Tetrachloroethene
Concen: 53.967 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion:	164	Resp:	108994
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.6	120.0
131	89.1	59.9	111.3
166	131.2	88.0	163.4





#48

2-Hexanone

Concen: 101.914 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.003 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Tgt Ion: 43 Resp: 259097

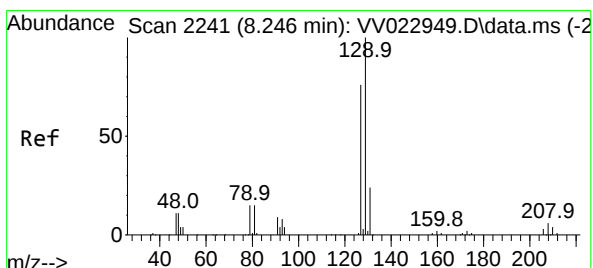
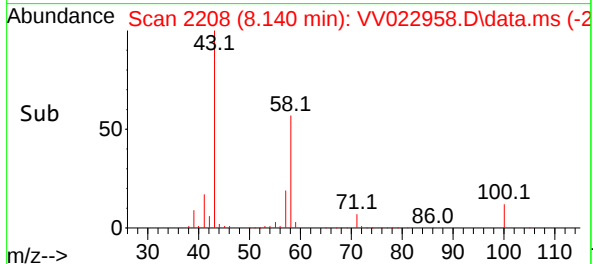
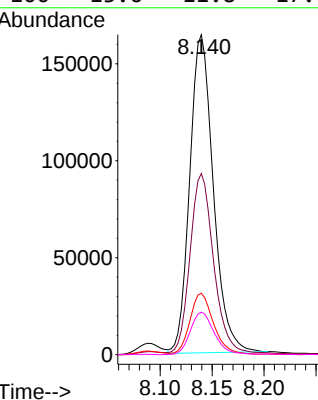
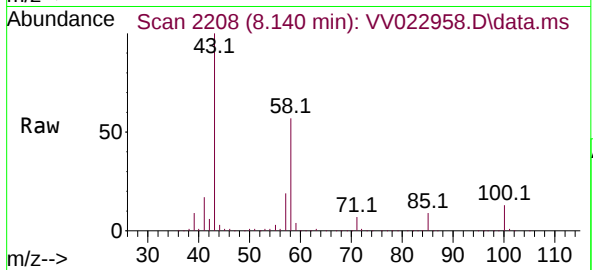
Ion Ratio Lower Upper

43 100

58 58.0 47.0 70.4

57 19.2 15.8 23.6

100 13.6 11.8 17.6



#49

Dibromochloromethane

Concen: 53.436 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV022958.D

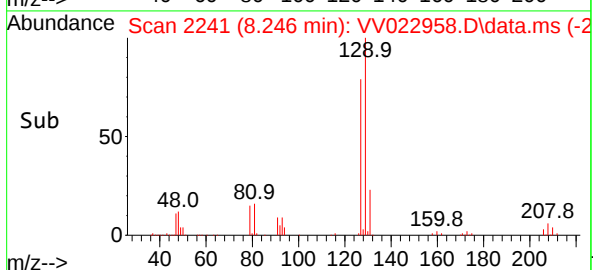
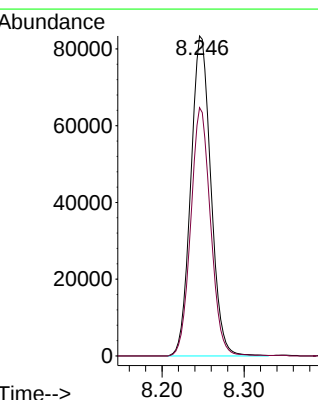
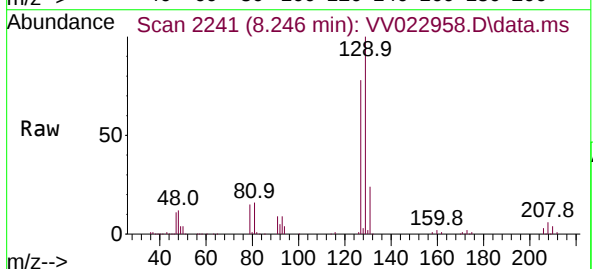
Acq: 21 Oct 2021 14:52

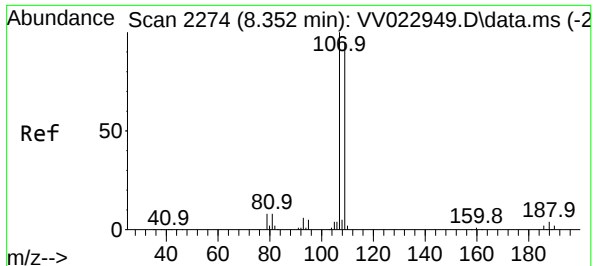
Tgt Ion:129 Resp: 141610

Ion Ratio Lower Upper

129 100

127 77.6 53.5 99.5





#50

1,2-Dibromoethane

Concen: 51.161 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Instrument :

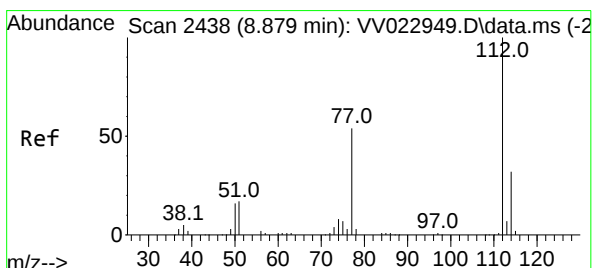
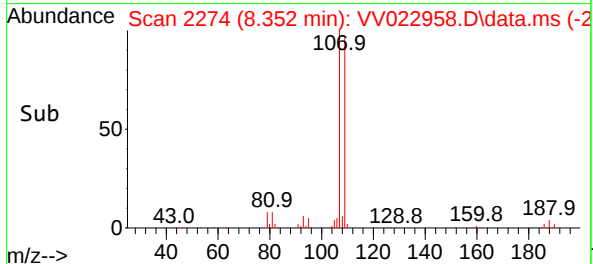
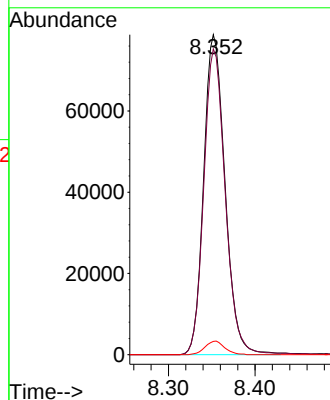
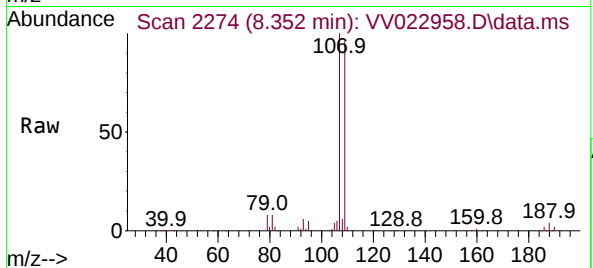
MSVOA_V

ClientSampleId :

VSTD050363

Tgt Ion:107 Resp: 134891

Ion	Ratio	Lower	Upper
107	100		
109	95.6	64.8	120.3
188	4.2	3.2	4.8



#51

Chlorobenzene

Concen: 53.251 ug/L

RT: 8.882 min Scan# 2439

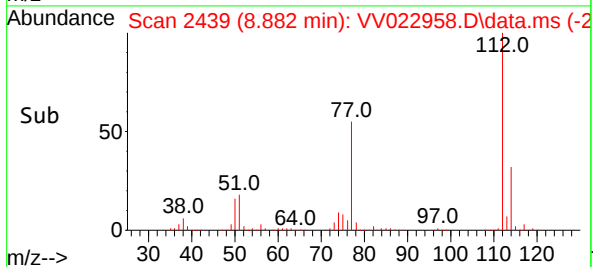
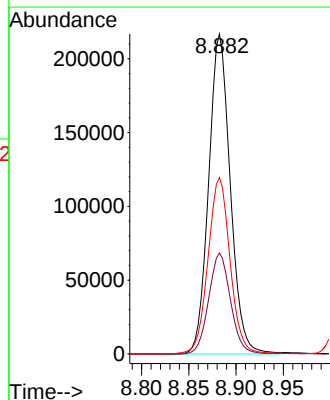
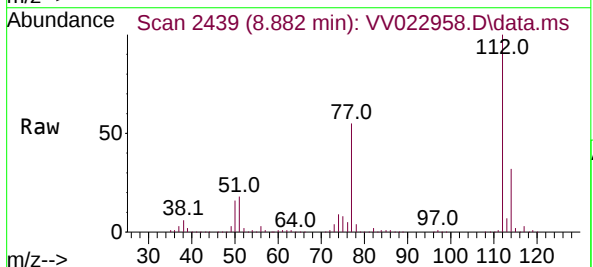
Delta R.T. 0.003 min

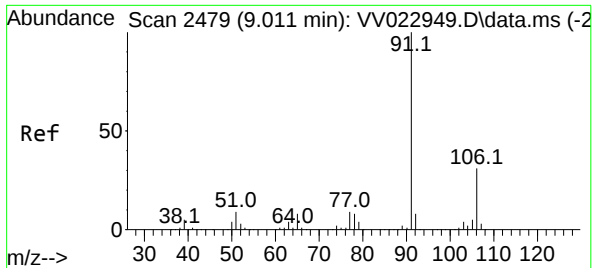
Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Tgt Ion:112 Resp: 344743

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	40.8
77	55.2	44.0	66.0

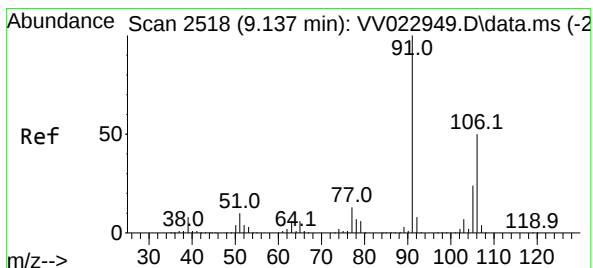
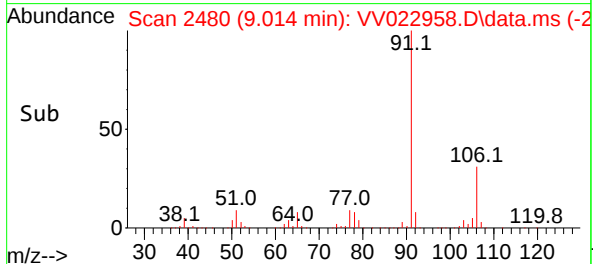
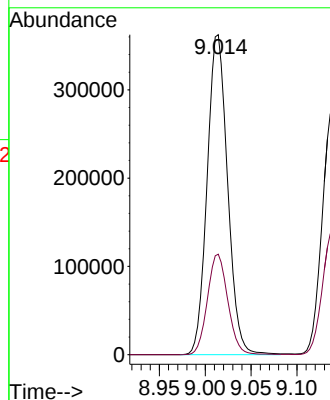
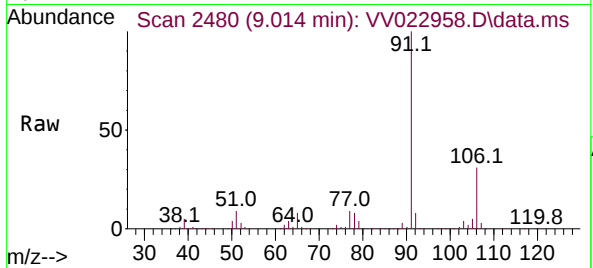




#52
Ethylbenzene
Concen: 55.368 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

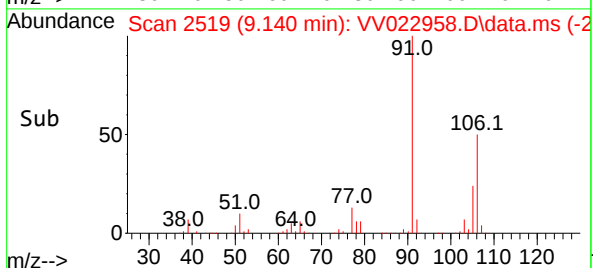
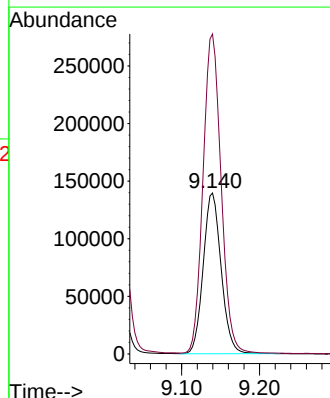
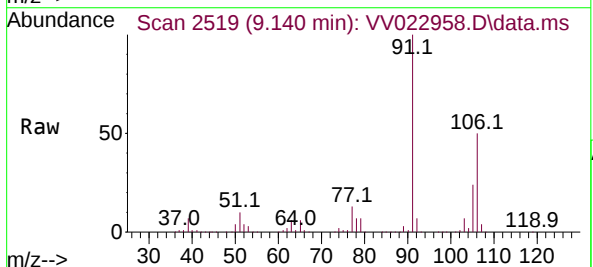
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

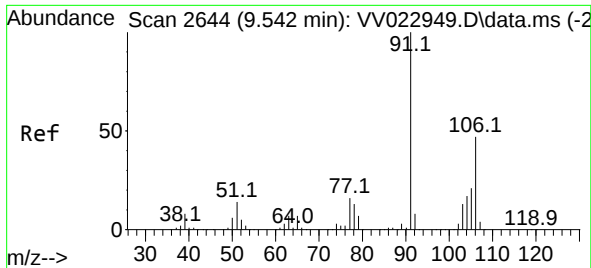
Tgt Ion: 91 Resp: 560867
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-Xylene
Concen: 55.635 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 106 Resp: 223287
Ion Ratio Lower Upper
106 100
91 198.7 139.4 258.8

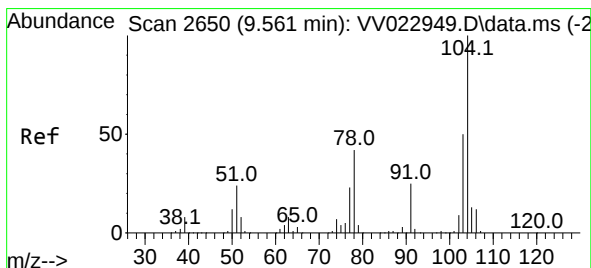
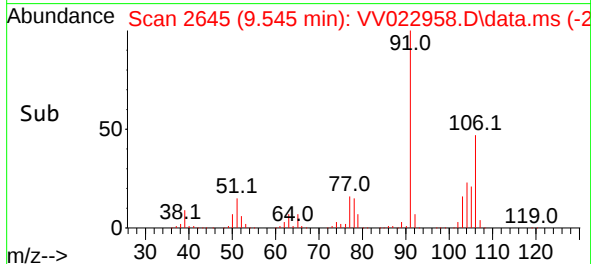
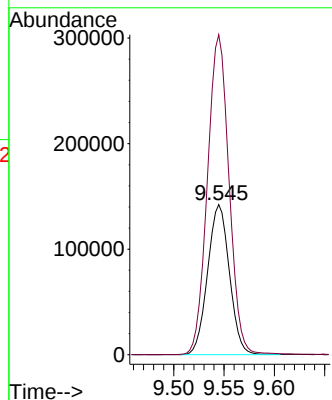
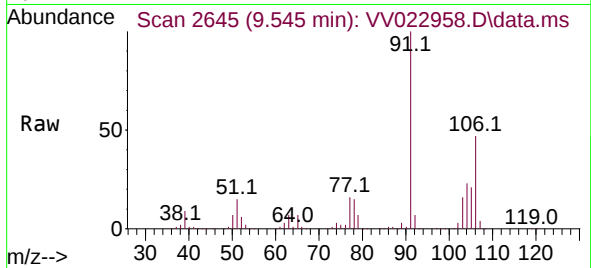




#54
o-Xylene
Concen: 54.782 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

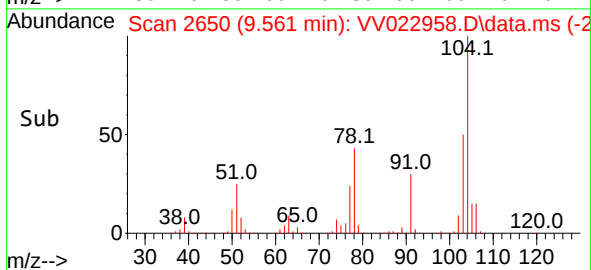
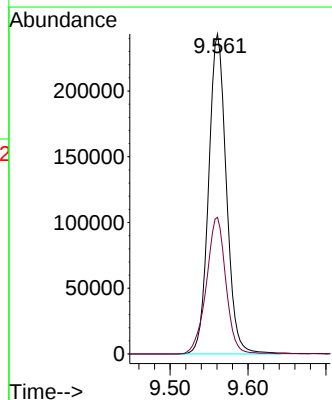
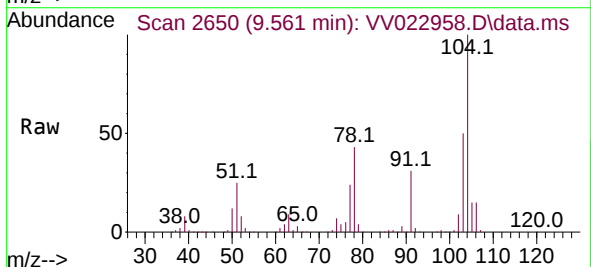
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

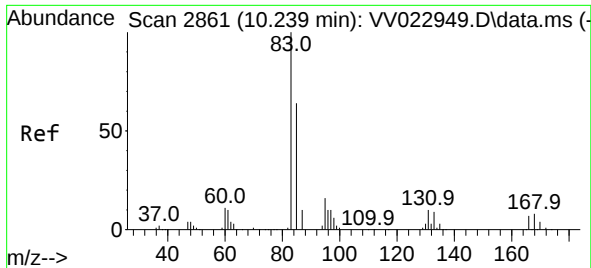
Tgt Ion:106 Resp: 214205
Ion Ratio Lower Upper
106 100
91 213.2 148.7 276.1



#55
Styrene
Concen: 57.308 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion:104 Resp: 384550
Ion Ratio Lower Upper
104 100
78 42.7 30.6 56.8

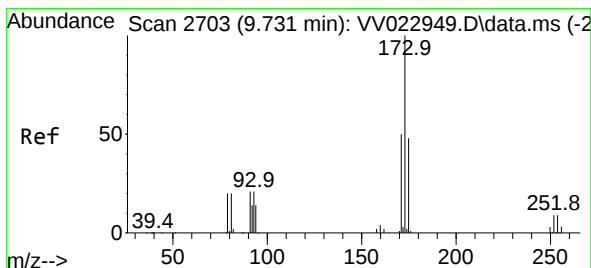
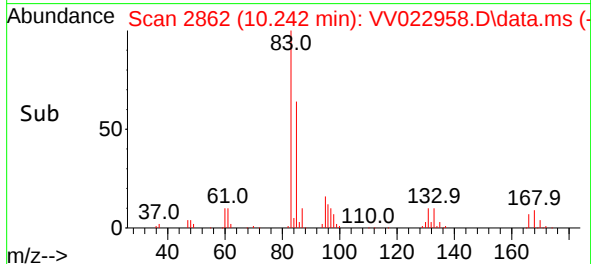
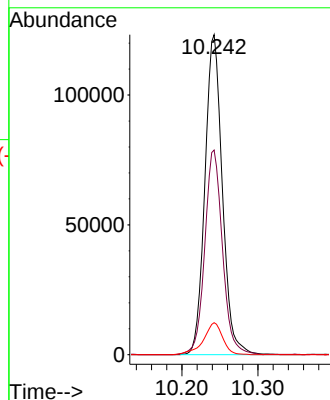
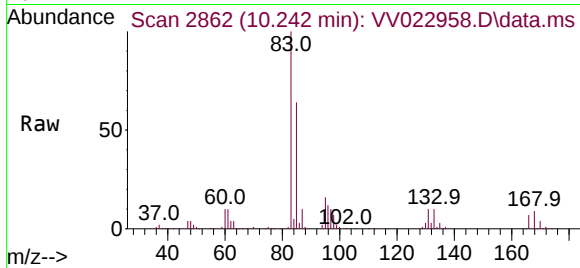




#57
1,1,2,2-Tetrachloroethane
Concen: 51.833 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

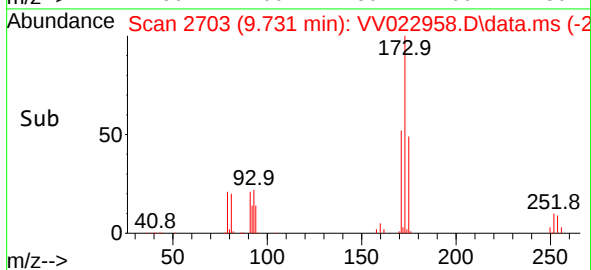
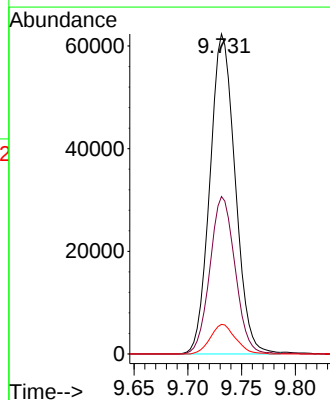
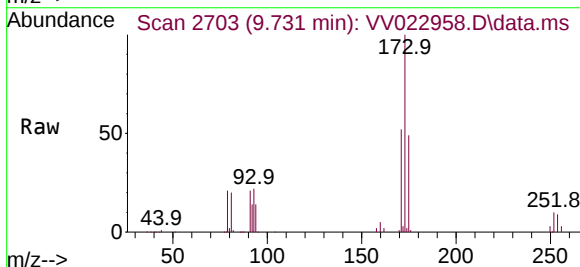
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

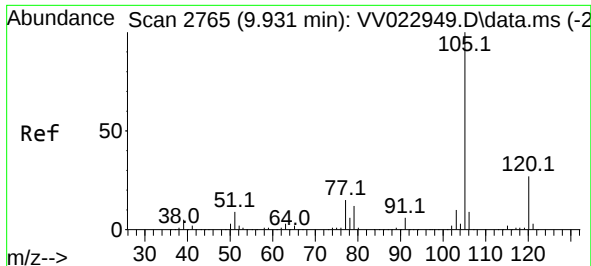
Tgt Ion: 83 Resp: 196184
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0
131 10.0 8.2 12.4



#59
Bromoform
Concen: 46.766 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 173 Resp: 101881
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 9.2 7.0 10.6

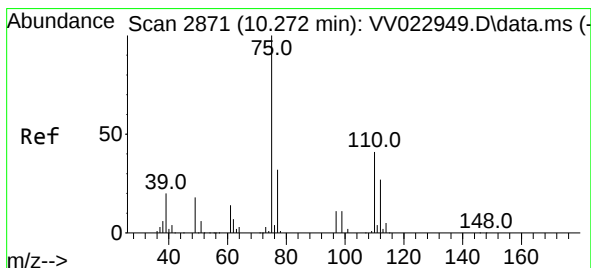
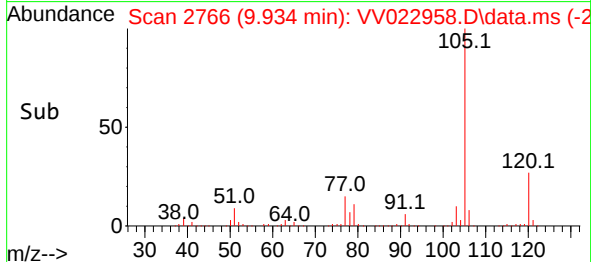
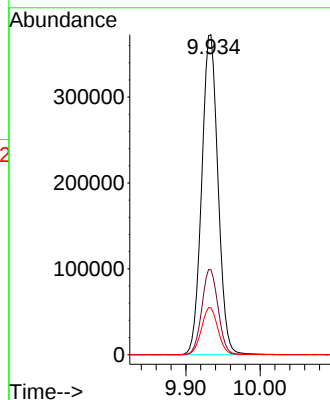
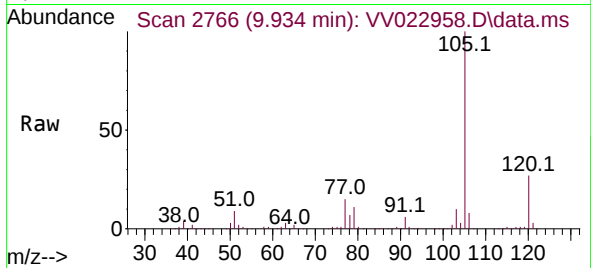




#60
Isopropylbenzene
Concen: 50.571 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

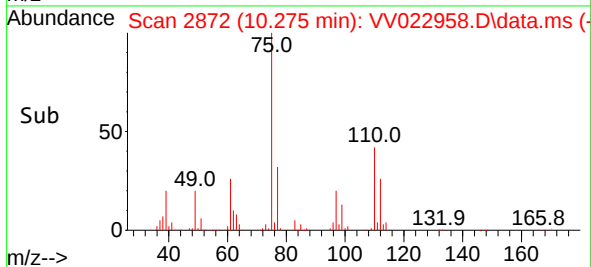
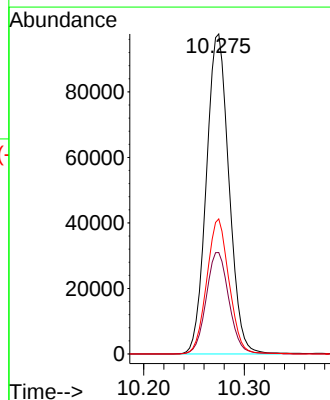
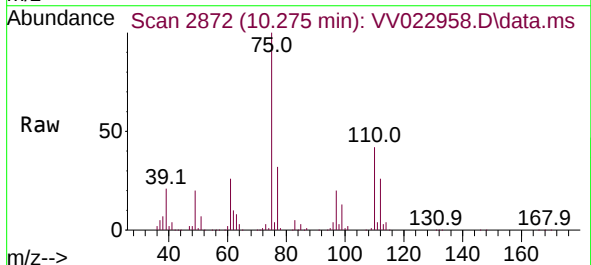
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

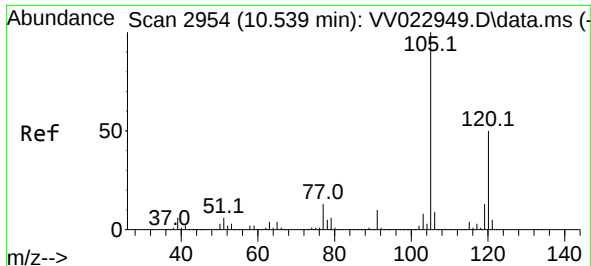
Tgt Ion:105 Resp: 566876
Ion Ratio Lower Upper
105 100
120 26.7 21.6 32.4
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 45.593 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 75 Resp: 152764
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 41.7 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 50.368 ug/L

RT: 10.541 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV022958.D

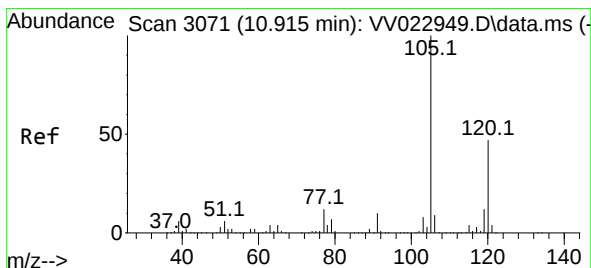
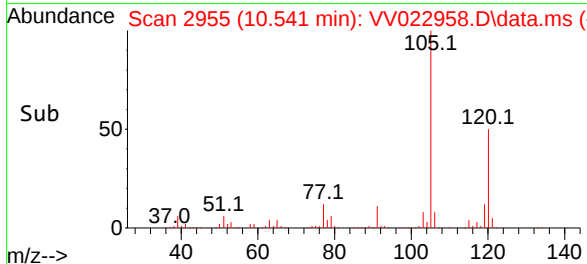
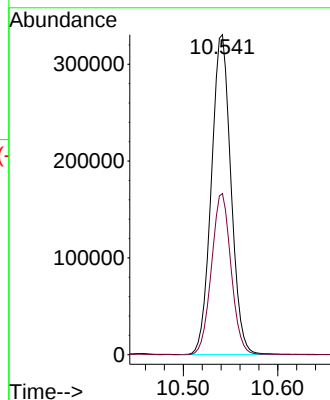
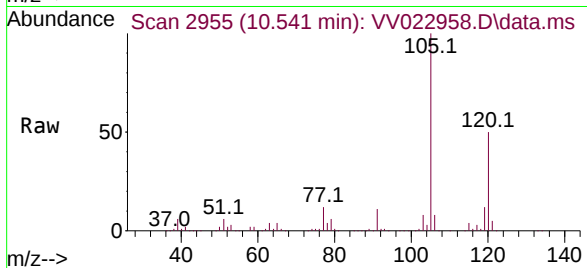
Acq: 21 Oct 2021 14:52

Tgt Ion:105 Resp: 475382

Ion Ratio Lower Upper

105 100

120 50.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 52.005 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV022958.D

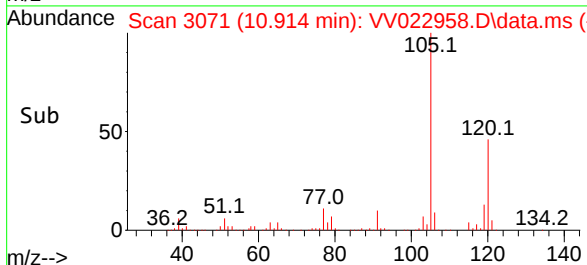
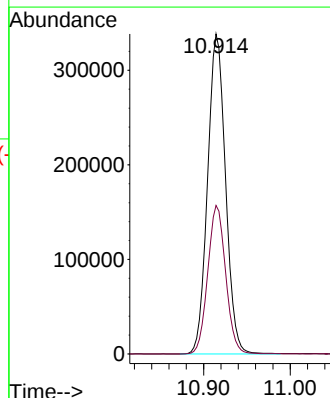
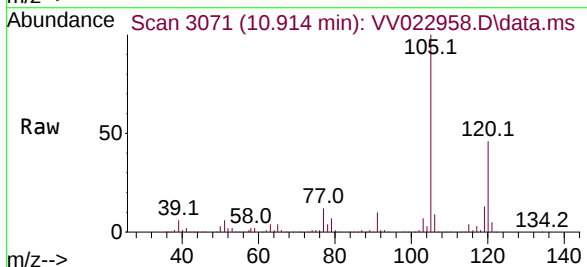
Acq: 21 Oct 2021 14:52

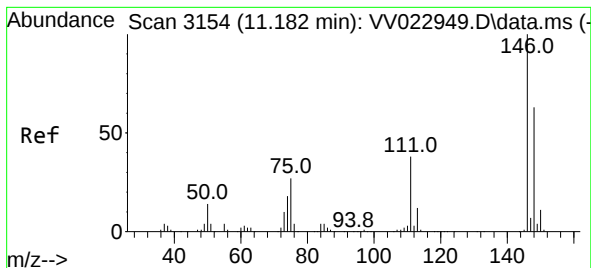
Tgt Ion:105 Resp: 487945

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 50.925 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Tgt Ion:146 Resp: 289608

Ion Ratio Lower Upper

146 100

111 38.5 26.5 49.3

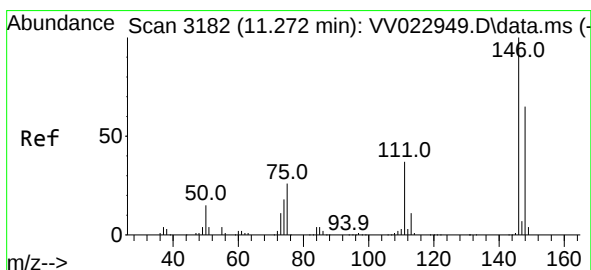
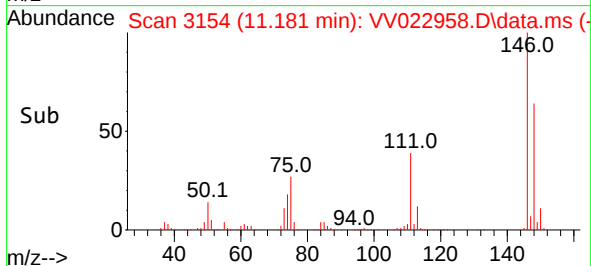
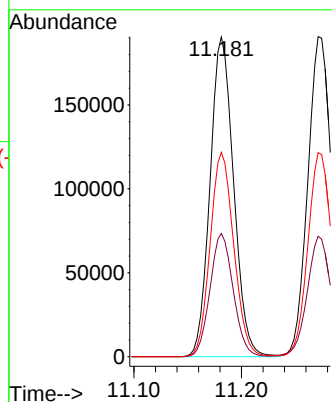
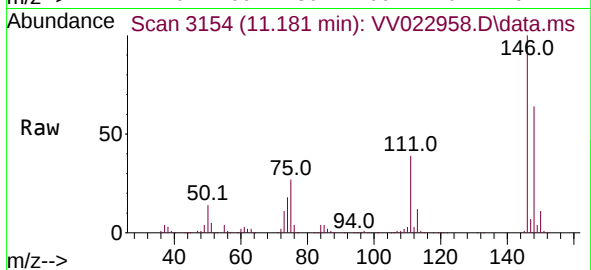
148 63.9 44.6 82.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD050363



#65

1,4-Dichlorobenzene

Concen: 50.548 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

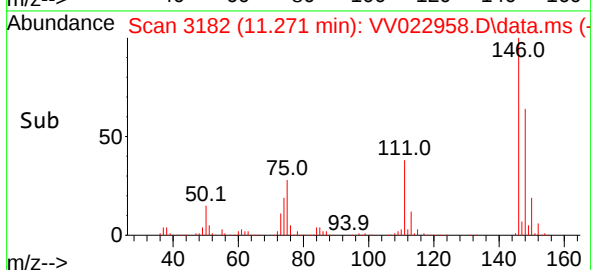
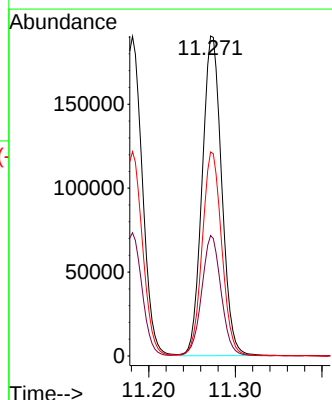
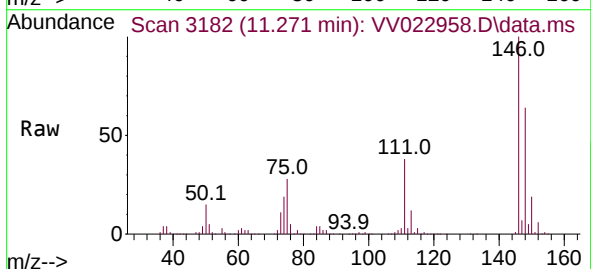
Tgt Ion:146 Resp: 298546

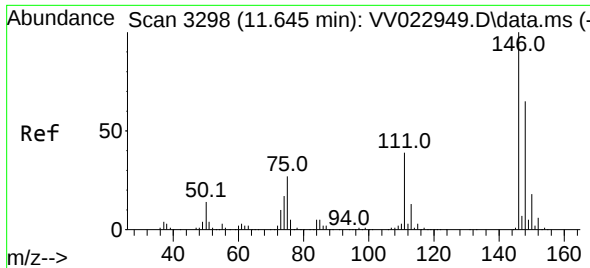
Ion Ratio Lower Upper

146 100

111 37.6 25.5 47.3

148 63.7 43.9 81.5

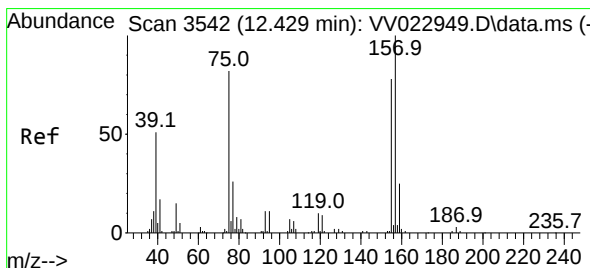
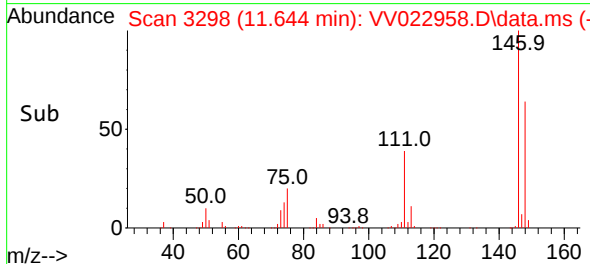
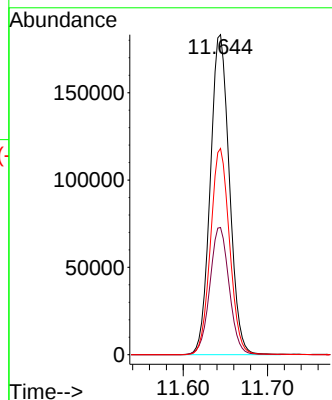
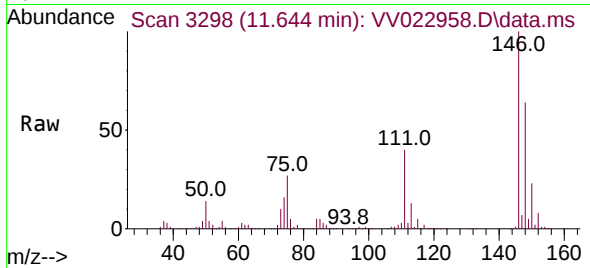




#67
1,2-Dichlorobenzene
Concen: 49.748 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

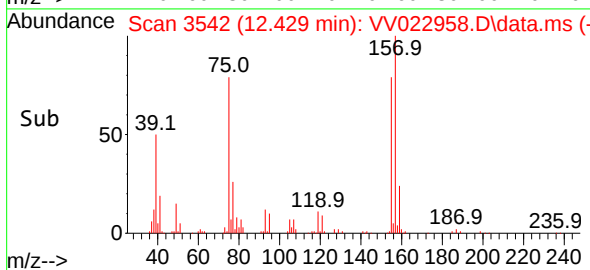
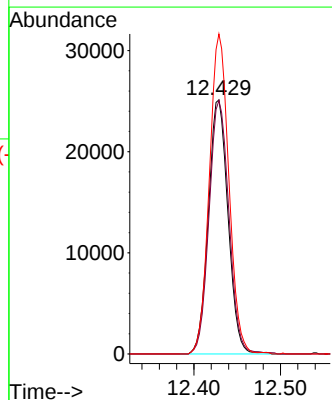
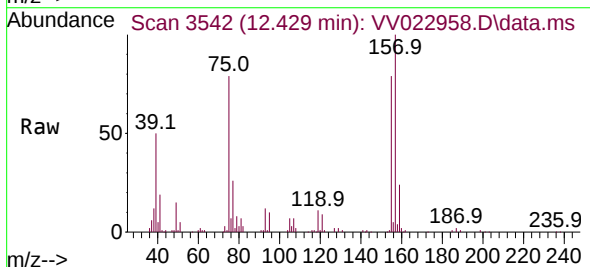
Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

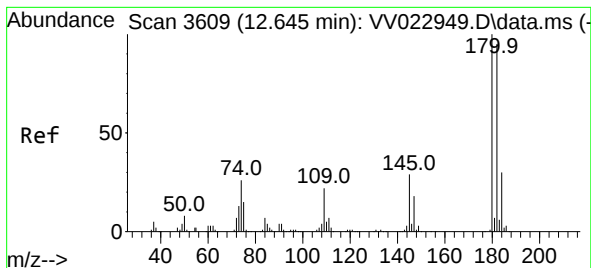
Tgt Ion:146 Resp: 289126
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 64.4 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 43.227 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion: 75 Resp: 39683
Ion Ratio Lower Upper
75 100
155 99.8 79.1 118.7
157 126.0 104.2 156.2





#69

1,3,5-Trichlorobenzene

Concen: 51.983 ug/L

RT: 12.647 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

Tgt Ion:180 Resp: 219657

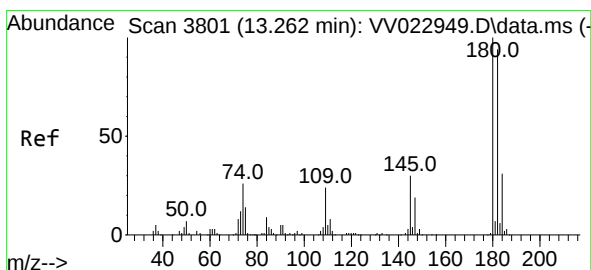
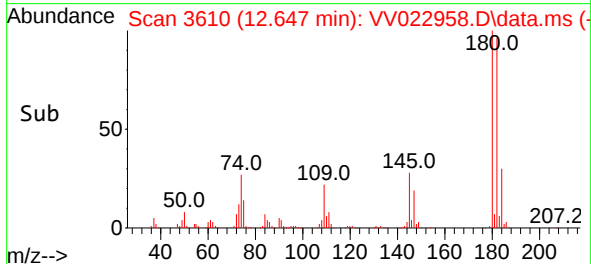
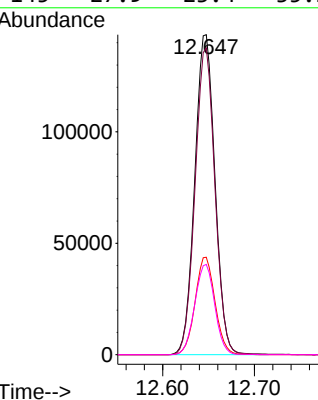
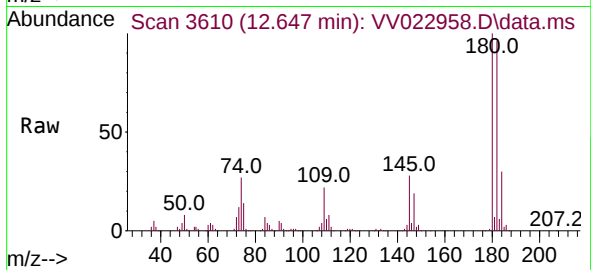
Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.4

184 30.1 23.6 35.4

145 27.9 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 51.444 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV022958.D

Acq: 21 Oct 2021 14:52

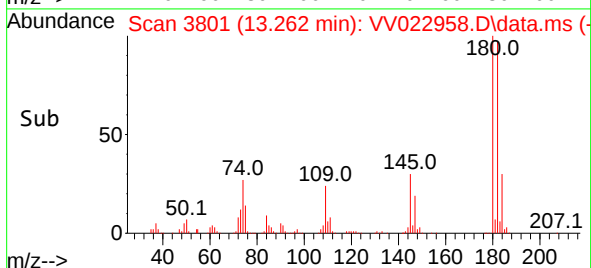
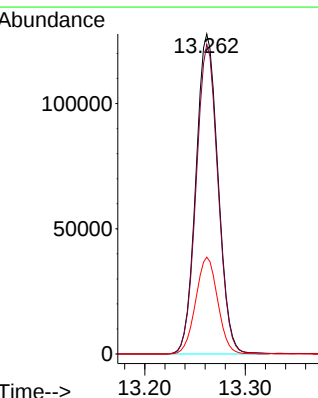
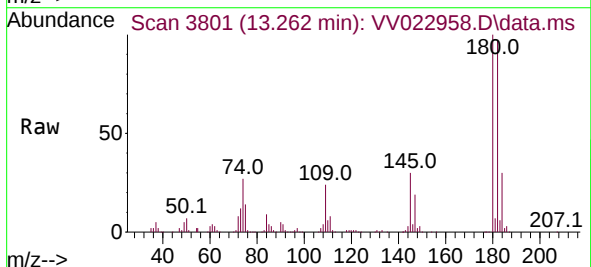
Tgt Ion:180 Resp: 195475

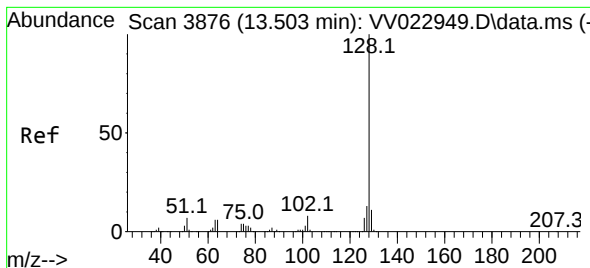
Ion Ratio Lower Upper

180 100

182 95.6 75.5 113.3

145 30.1 23.0 34.4

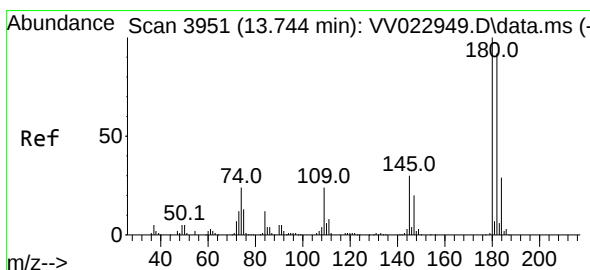
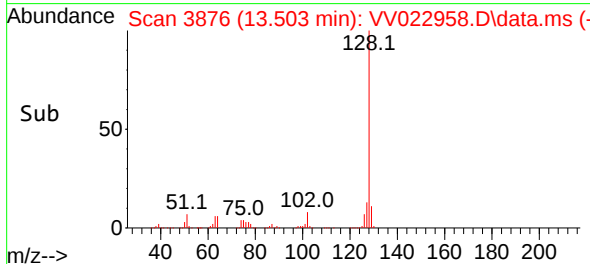
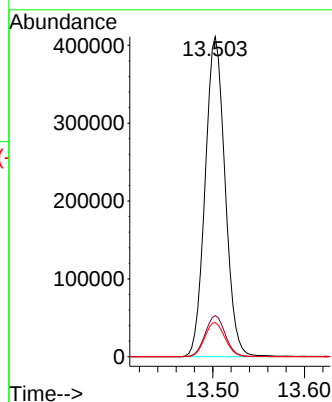
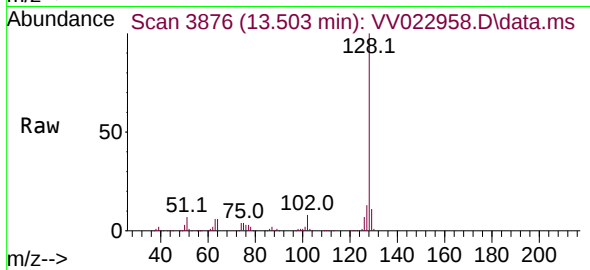




#71
Naphthalene
Concen: 49.530 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD050363

Tgt Ion:128 Resp: 619733
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: 51.855 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022958.D
Acq: 21 Oct 2021 14:52

Tgt Ion:180 Resp: 203651
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
145 31.2 24.6 36.8

