

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022549.D
 Acq On : 03 Oct 2021 07:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 04:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	267962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	250704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	133501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75958	45.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.660%
7) Chloroethane-d5	1.568	69	58713	45.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.105	63	147989	45.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.580%
21) 2-Butanone-d5	3.899	46	81849	89.725	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.720%
24) Chloroform-d	4.349	84	143001	47.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
26) 1,2-Dichloroethane-d4	5.034	65	81725	46.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
32) Benzene-d6	5.050	84	285872	49.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	6.072	67	85326	47.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	7.317	98	268514	50.401	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.622	79	39377	46.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.100%
47) 2-Hexanone-d5	8.092	63	77944	105.233	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.230%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	120771	48.575	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	11.625	152	105992	48.686	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	126640	47.256	ug/L	99
3) Chloromethane	1.240	50	124571	46.746	ug/L	99
5) Vinyl chloride	1.310	62	123670	48.959	ug/L	99
6) Bromomethane	1.523	94	74732	42.374	ug/L	98
8) Chloroethane	1.584	64	72038	46.761	ug/L	98
9) Trichlorofluoromethane	1.751	101	164849	47.515	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	83408	42.470	ug/L	98
12) 1,1-Dichloroethene	2.114	96	85184	45.509	ug/L	94
14) Carbon disulfide	2.288	76	233228	41.248	ug/L	99
15) Methyl Acetate	2.429	43	94497	44.953	ug/L	97
16) Methylene chloride	2.500	84	108468	46.122	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	99380	48.366	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	311648	49.127	ug/L	99
19) 1,1-Dichloroethane	3.185	63	174395	47.967	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	104833	47.890	ug/L	100
22) 2-Butanone	3.979	43	109200	71.971	ug/L	89
23) Bromochloromethane	4.246	128	57189	47.553	ug/L	95
25) Chloroform	4.375	83	179845	49.158	ug/L	98
27) 1,2-Dichloroethane	5.130	62	128742	48.596	ug/L	100

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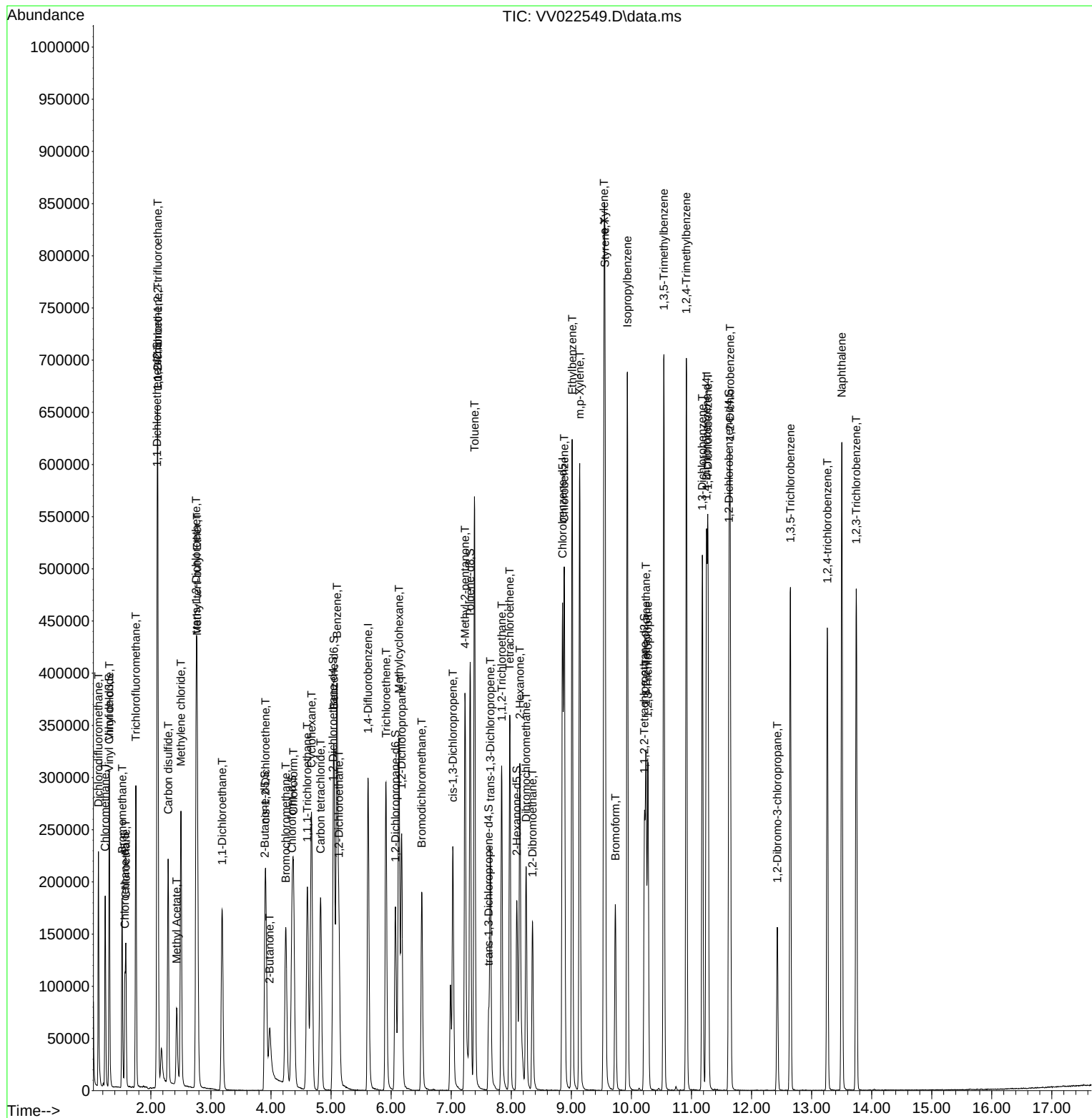
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.674	56	150207	51.402	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	160909	51.380	ug/L	99
31) Carbon tetrachloride	4.825	117	141375	51.385	ug/L	99
33) Benzene	5.098	78	386648	49.949	ug/L	100
34) Trichloroethene	5.915	95	102515	50.721	ug/L	99
35) Methylcyclohexane	6.130	83	147208	48.034	ug/L	99
37) 1,2-Dichloropropane	6.175	63	95580	48.226	ug/L	100
38) Bromodichloromethane	6.510	83	128043	49.737	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	140504	47.139	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	284523	102.170	ug/L	99
42) Toluene	7.387	91	415572	50.964	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	134618	46.909	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	98372	47.949	ug/L	96
46) Tetrachloroethene	7.976	164	82528	48.775	ug/L	99
48) 2-Hexanone	8.143	43	221714	104.096	ug/L	99
49) Dibromochloromethane	8.246	129	113173	50.975	ug/L	100
50) 1,2-Dibromoethane	8.352	107	108157	48.964	ug/L	97
51) Chlorobenzene	8.882	112	267096	49.246	ug/L	99
52) Ethylbenzene	9.014	91	437164	51.512	ug/L	98
53) m,p-Xylene	9.140	106	170388	50.675	ug/L	98
54) o-Xylene	9.545	106	171127	52.239	ug/L	99
55) Styrene	9.561	104	289941	51.575	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	153318	48.351	ug/L	100
59) Bromoform	9.735	173	82707	50.102	ug/L	99
60) Isopropylbenzene	9.934	105	439927	51.794	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	123063	48.471	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	371217	51.906	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	372795	52.436	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	212277	49.261	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	212407	47.461	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	212868	48.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	35455	50.970	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	151502	47.317	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	136095	47.268	ug/L	99
71) Naphthalene	13.503	128	479410	50.566	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	147866	49.688	ug/L	99

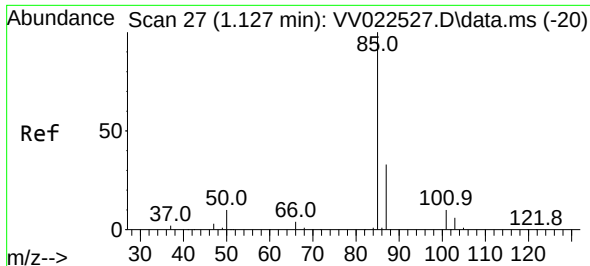
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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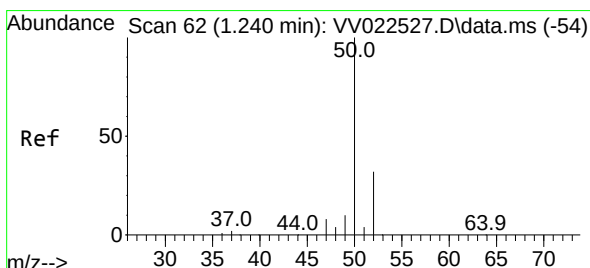
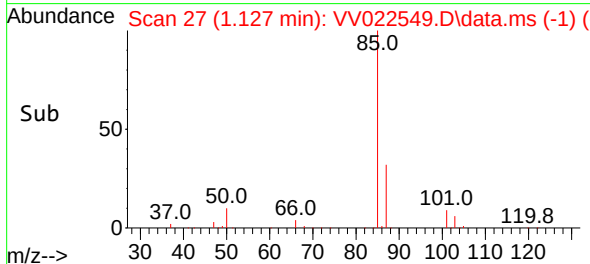
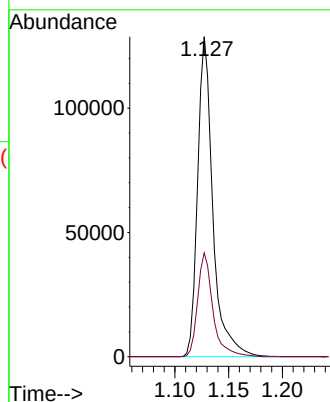
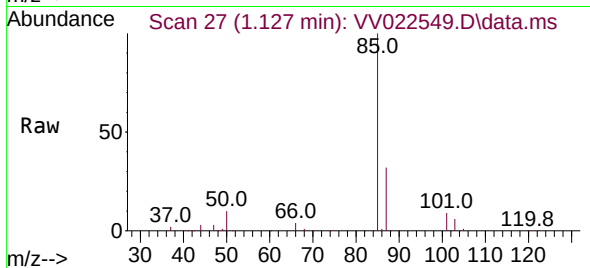




#2
 Dichlorodifluoromethane
 Concen: 47.256 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

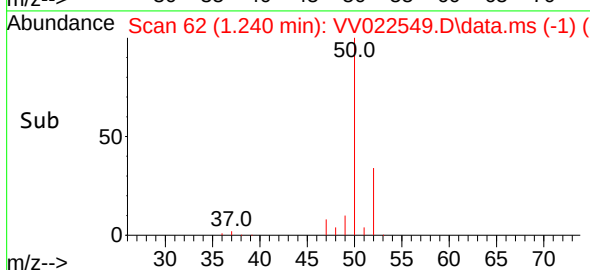
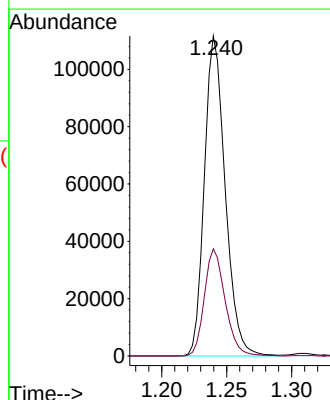
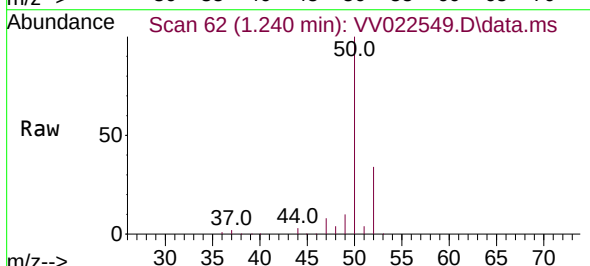
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 ClientSampled :

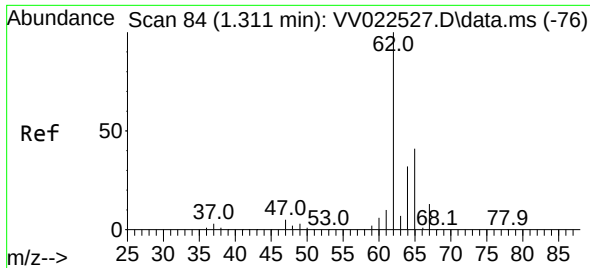
Tgt Ion: 85 Resp: 126640
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 46.746 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

Tgt Ion: 50 Resp: 124571
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

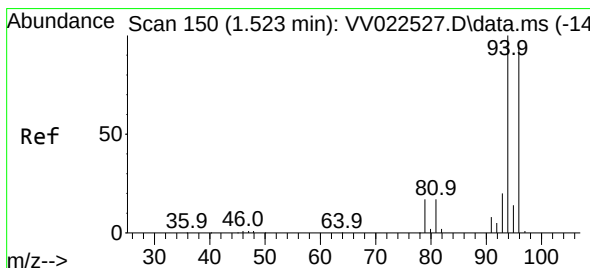
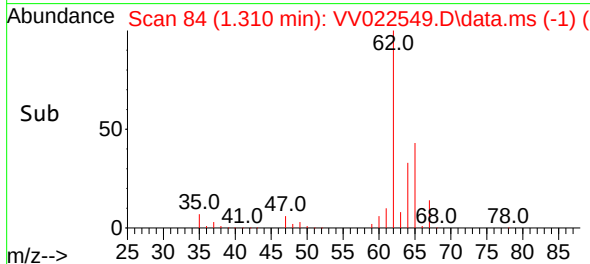
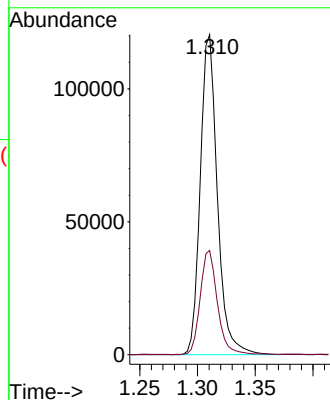
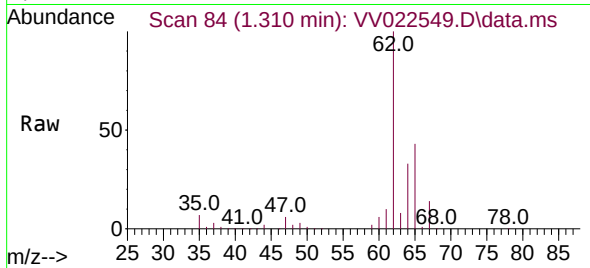




#5
 Vinyl chloride
 Concen: 48.959 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

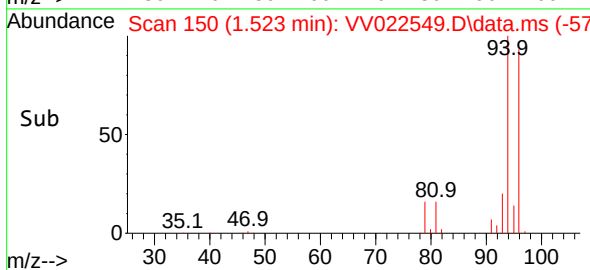
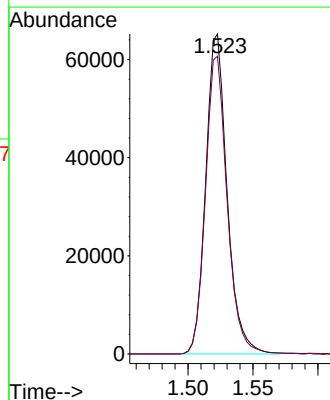
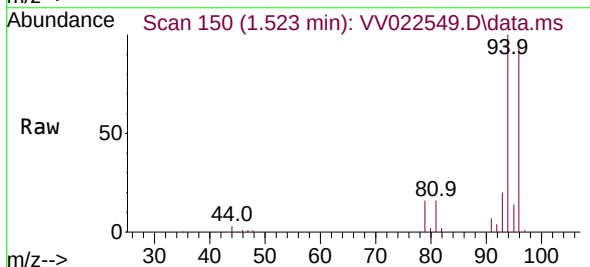
Instrument :
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 ClientSampled :

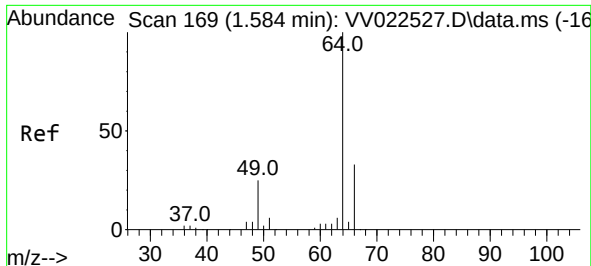
Tgt Ion: 62 Resp: 123670
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.5 41.9



#6
 Bromomethane
 Concen: 42.374 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

Tgt Ion: 94 Resp: 74732
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.4 123.2

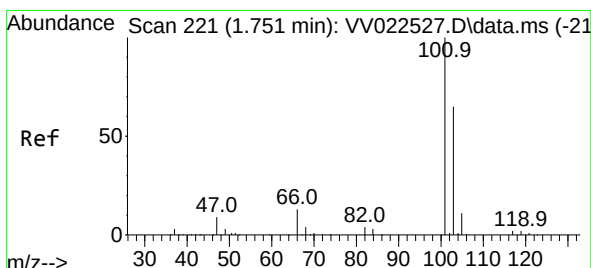
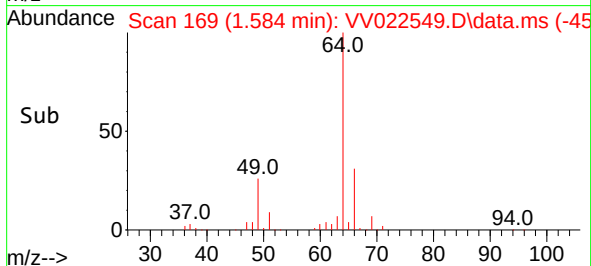
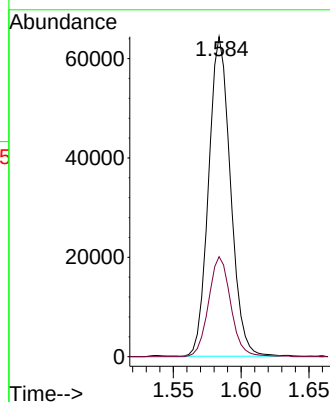
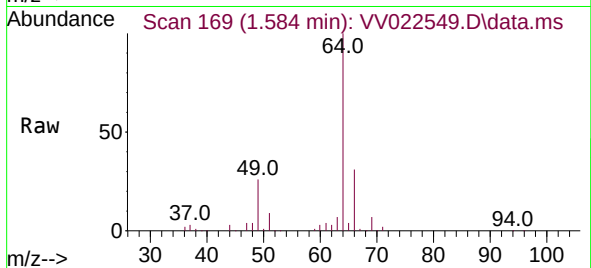




#8
Chloroethane
Concen: 46.761 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

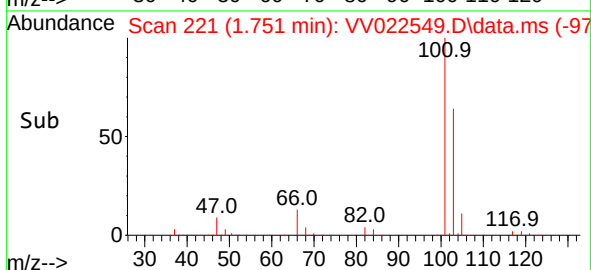
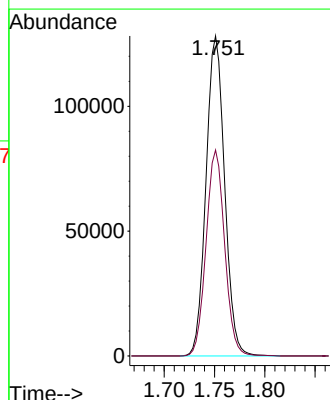
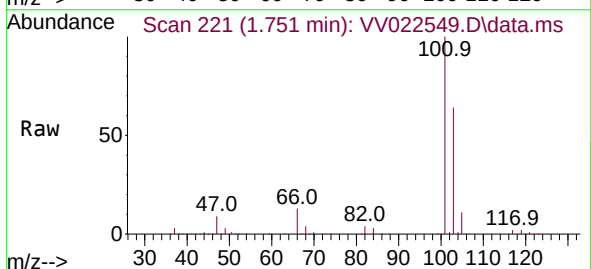
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ClientSampleId :

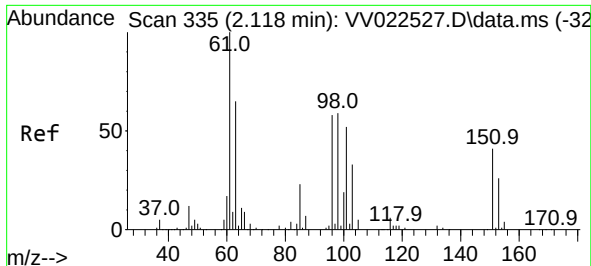
Tgt Ion: 64 Resp: 72038
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 47.515 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion:101 Resp: 164849
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

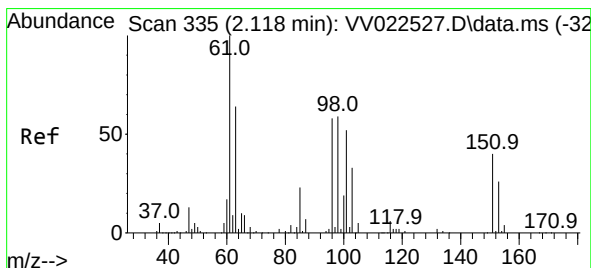
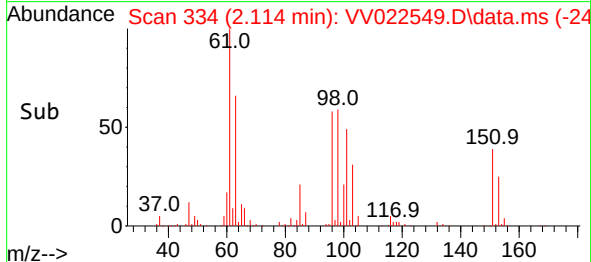
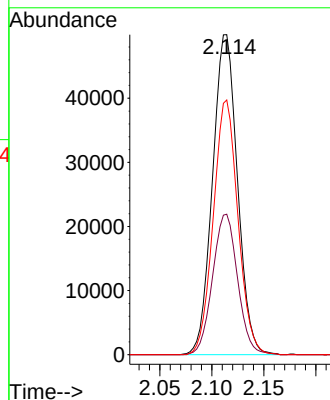
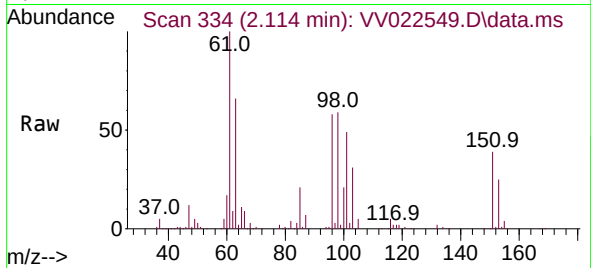




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.470 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

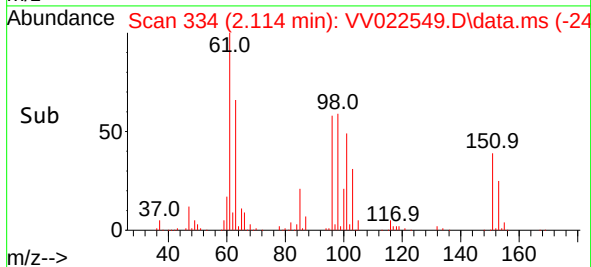
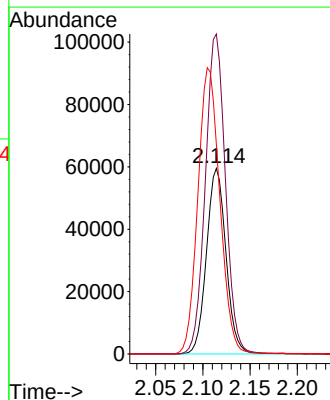
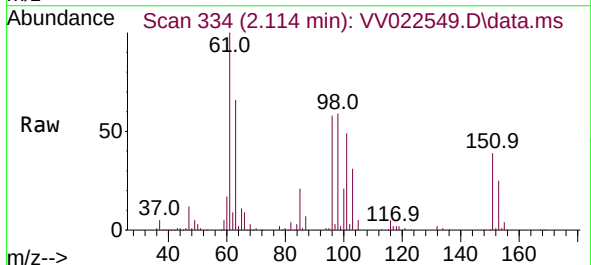
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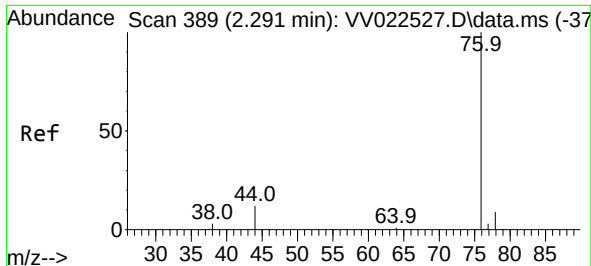
Tgt Ion:101 Resp: 83408
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 78.7 61.3 91.9



#12
1,1-Dichloroethene
Concen: 45.509 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

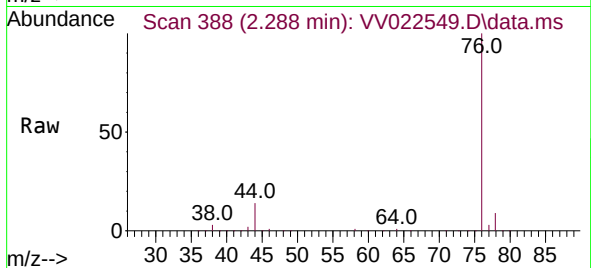
Tgt Ion: 96 Resp: 85184
Ion Ratio Lower Upper
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61 172.4 118.0 219.2
63 112.9 86.4 160.4



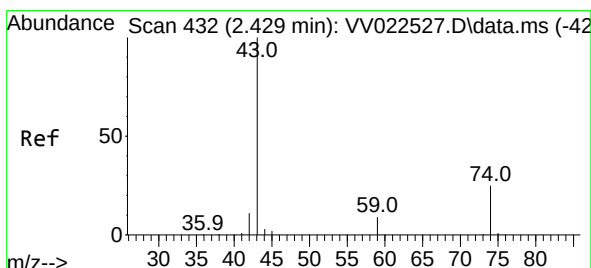
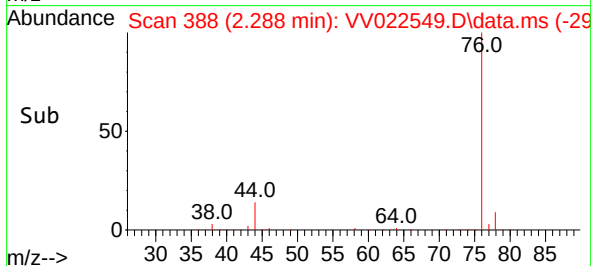
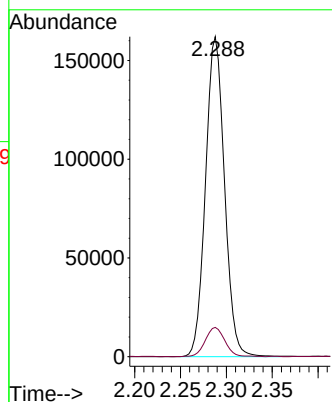


#14
Carbon disulfide
Concen: 41.248 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Instrument :
MSVOA_V
ClientSampled :

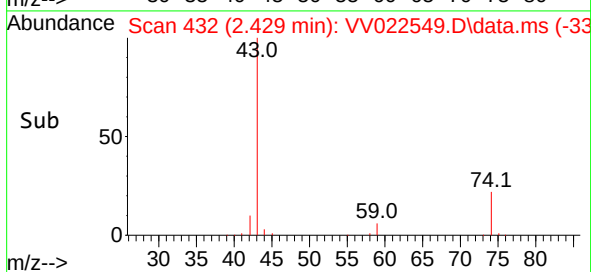
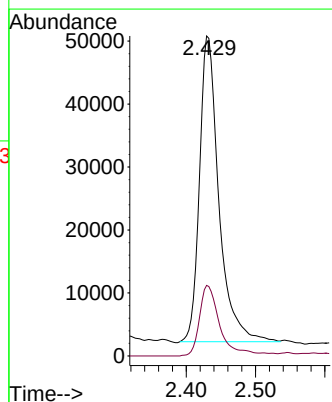
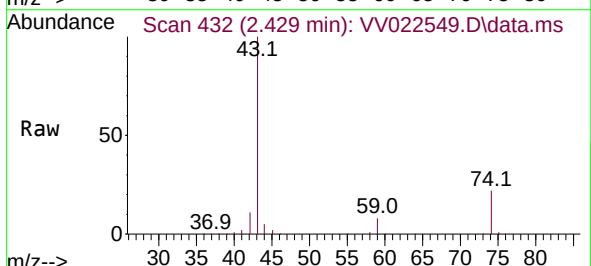


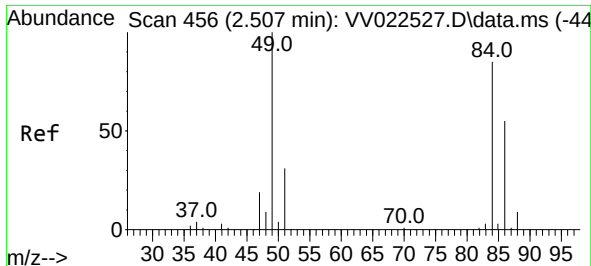
Tgt Ion: 76 Resp: 233228
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#15
Methyl Acetate
Concen: 44.953 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 94497
Ion Ratio Lower Upper
43 100
74 24.0 20.6 30.8

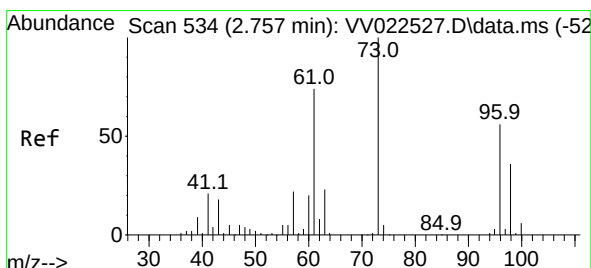
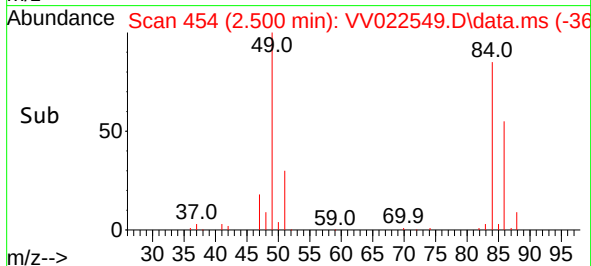
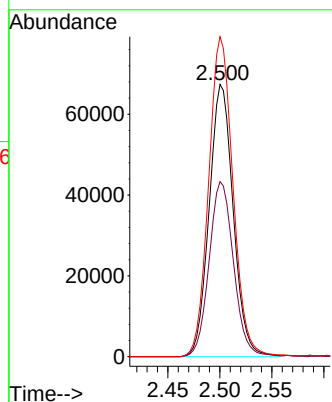
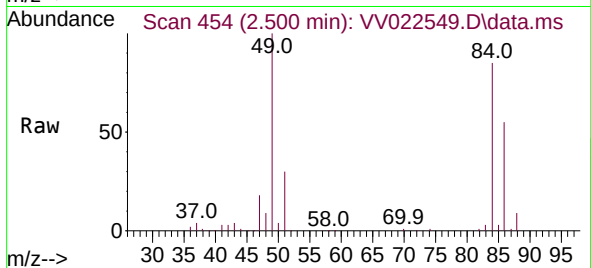




#16
Methylene chloride
Concen: 46.122 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

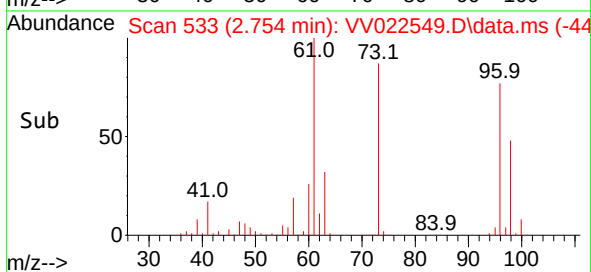
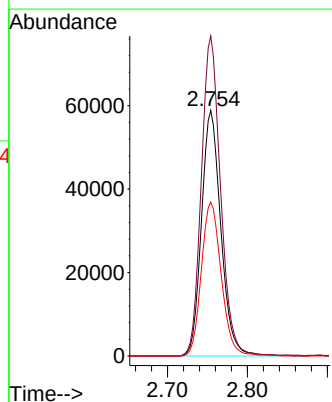
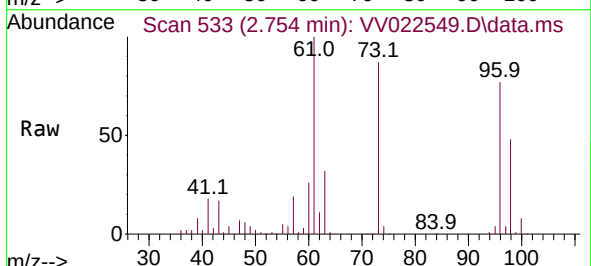
Instrument :
MSVOA_V
ClientSampleId :

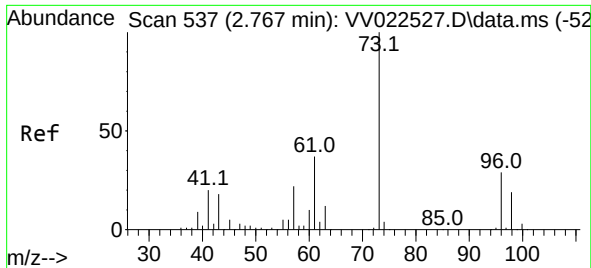
Tgt Ion: 84 Resp: 108468
Ion Ratio Lower Upper
84 100
86 64.3 45.6 84.6
49 117.5 82.7 153.7



#17
trans-1,2-Dichloroethene
Concen: 48.366 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 96 Resp: 99380
Ion Ratio Lower Upper
96 100
61 130.4 90.8 168.6
98 62.6 44.0 81.8

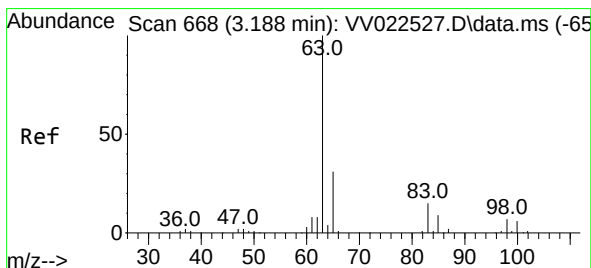
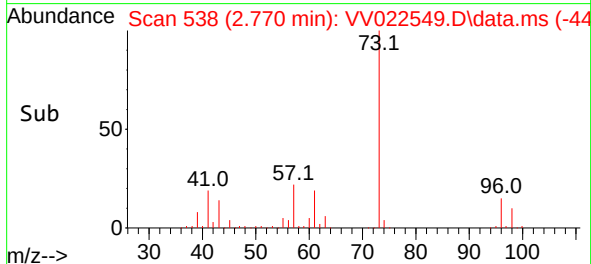
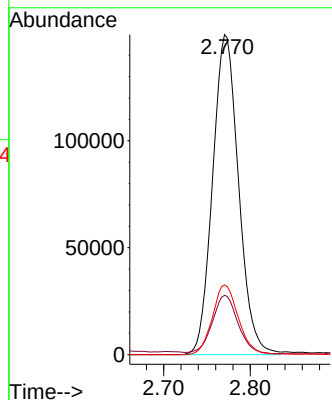
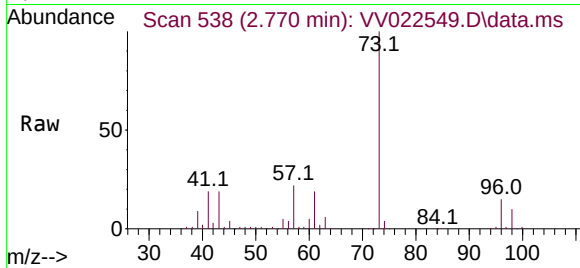




#18
Methyl tert-butyl Ether
Concen: 49.127 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

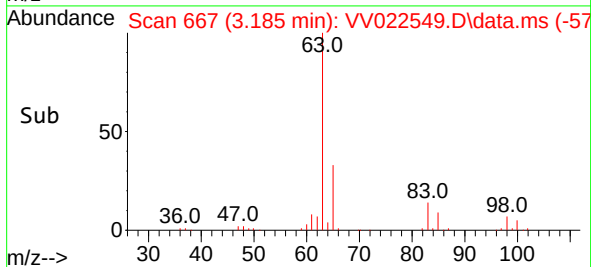
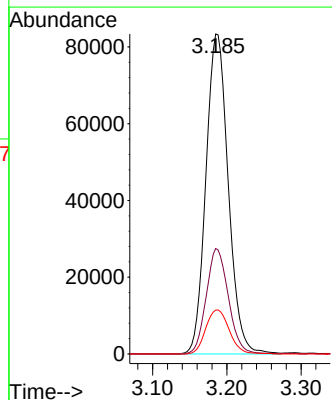
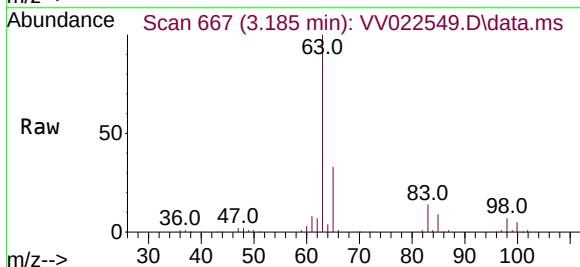
Instrument :
MSVOA_V
ClientSampled :

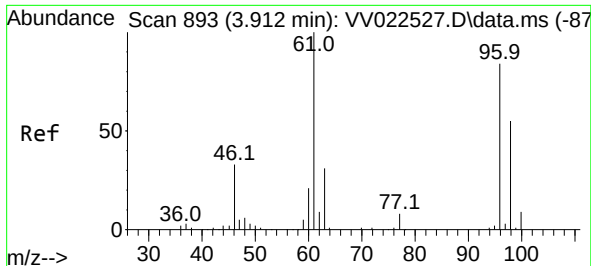
Tgt Ion: 73 Resp: 311648
Ion Ratio Lower Upper
73 100
43 18.3 15.1 22.7
57 21.8 17.6 26.4



#19
1,1-Dichloroethane
Concen: 47.967 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 63 Resp: 174395
Ion Ratio Lower Upper
63 100
65 33.0 22.9 42.5
83 13.7 9.4 17.4

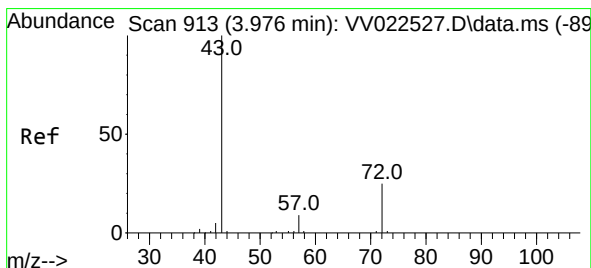
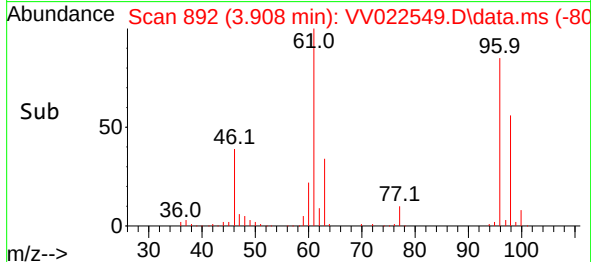
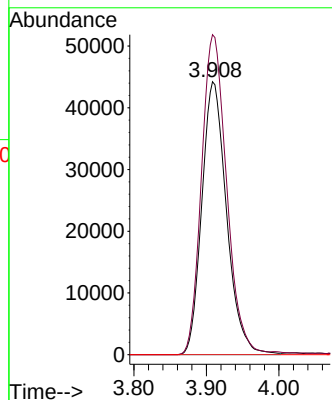
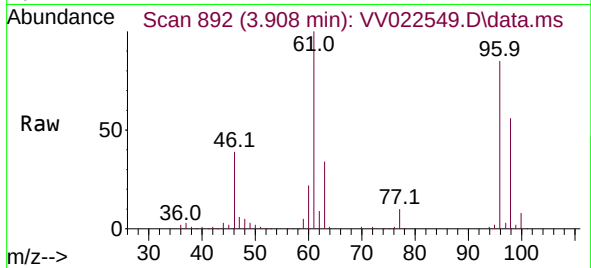




#20
 cis-1,2-Dichloroethene
 Concen: 47.890 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.003 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

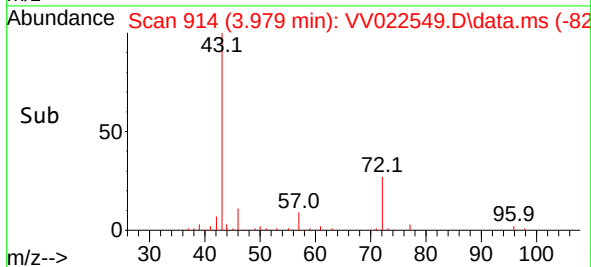
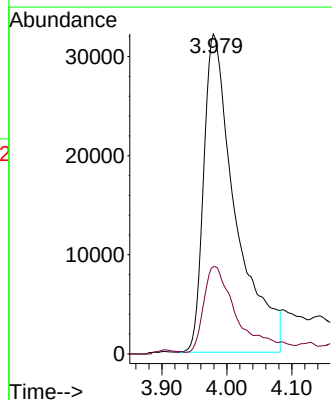
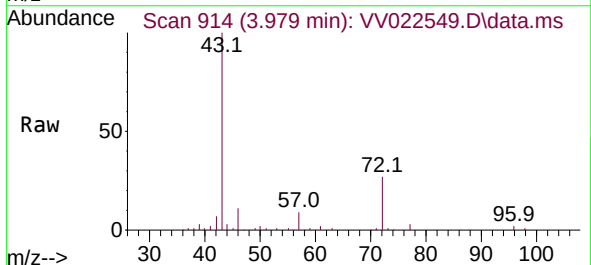
Instrument :
 MSVOA_V
 ClientSampled :

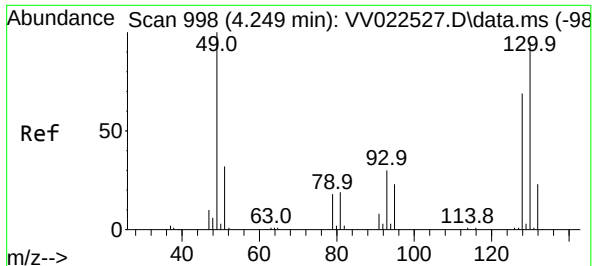
Tgt Ion: 96 Resp: 104833
 Ion Ratio Lower Upper
 96 100
 61 117.2 81.9 152.1
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 71.971 ug/L
 RT: 3.979 min Scan# 914
 Delta R.T. 0.003 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

Tgt Ion: 43 Resp: 109200
 Ion Ratio Lower Upper
 43 100
 72 24.8 10.0 29.8

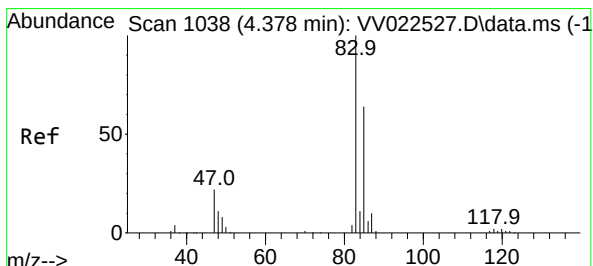
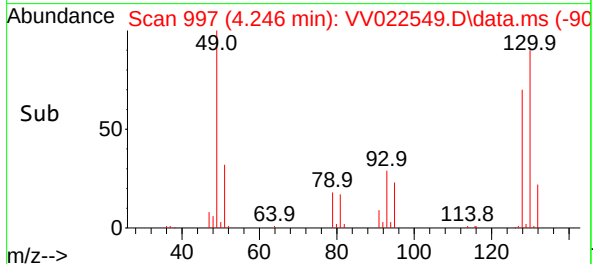
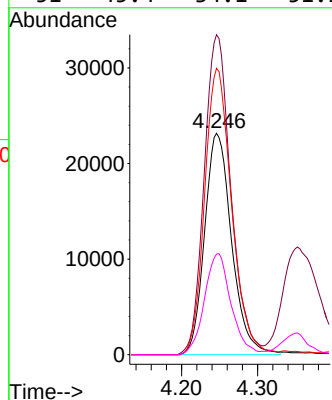
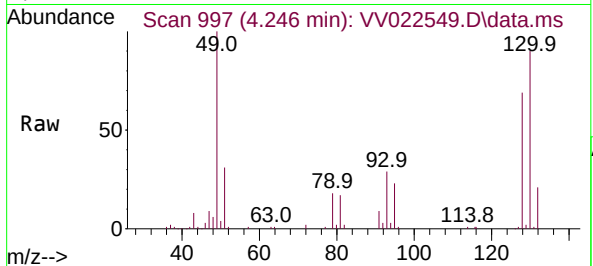




#23
Bromochloromethane
Concen: 47.553 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

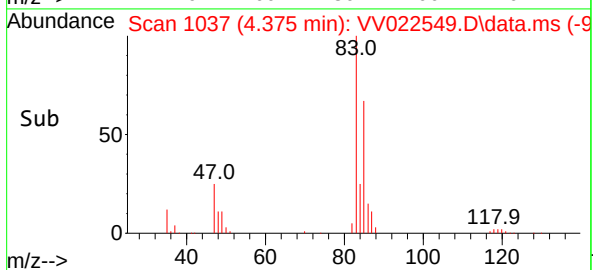
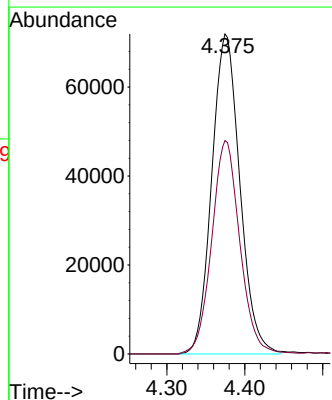
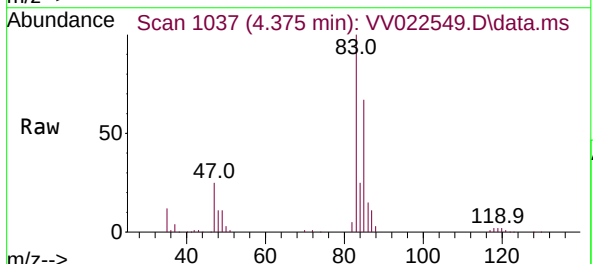
Instrument :
MSVOA_V
ClientSampleId :

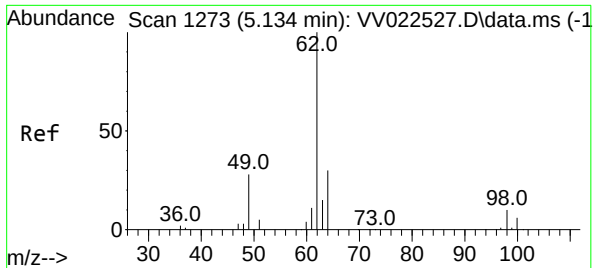
Tgt Ion:	128	Resp:	57189
Ion	Ratio	Lower	Upper
128	100		
49	144.5	97.2	180.4
130	129.3	86.3	160.3
51	45.4	34.1	51.1



#25
Chloroform
Concen: 49.158 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion:	83	Resp:	179845
Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.8	85.0





#27

1,2-Dichloroethane

Concen: 48.596 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV022549.D

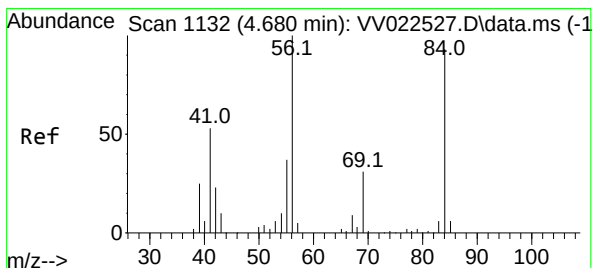
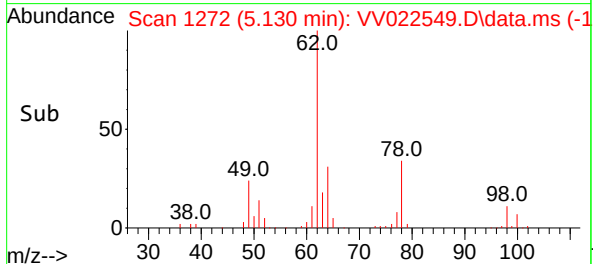
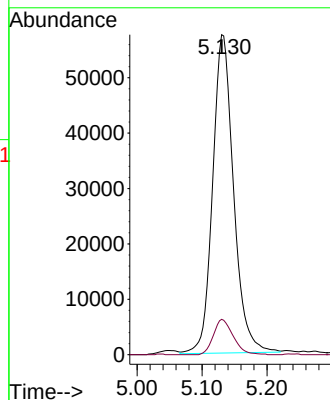
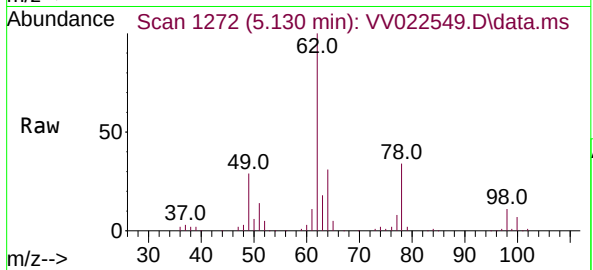
Acq: 03 Oct 2021 07:32

Tgt Ion: 62 Resp: 128742

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.4



#29

Cyclohexane

Concen: 51.402 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VV022549.D

Acq: 03 Oct 2021 07:32

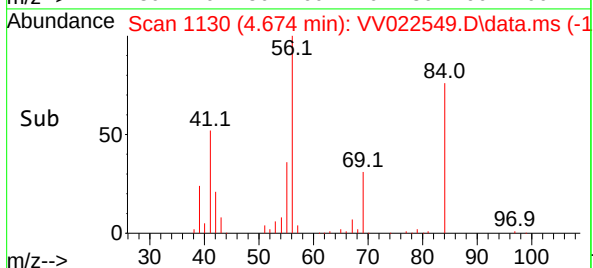
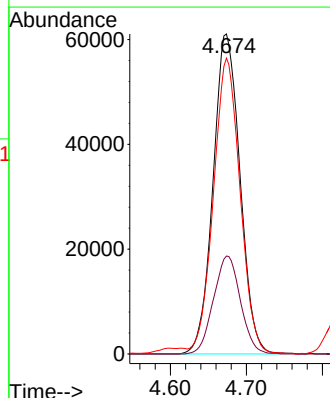
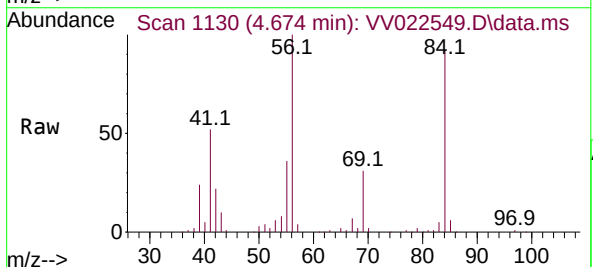
Tgt Ion: 56 Resp: 150207

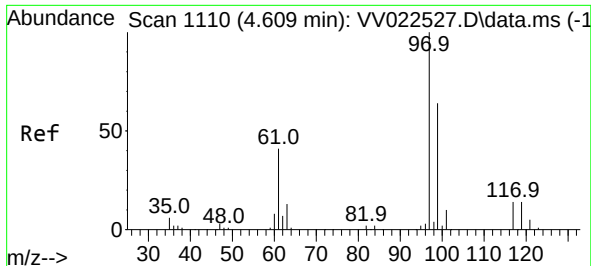
Ion Ratio Lower Upper

56 100

69 30.6 24.9 37.3

84 91.0 73.9 110.9

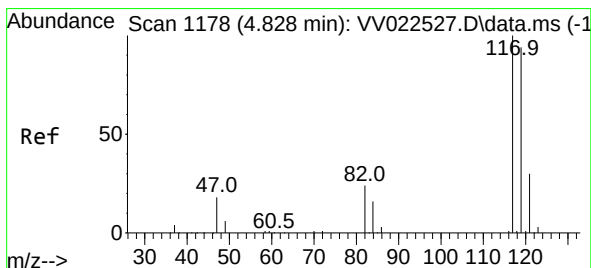
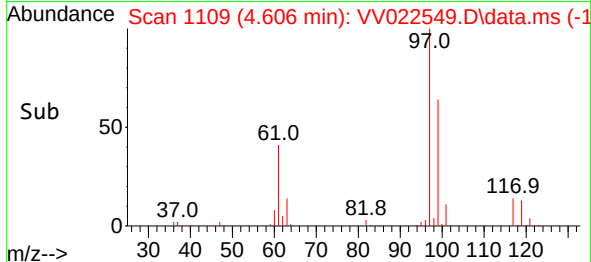
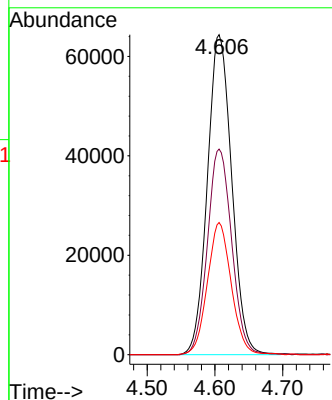
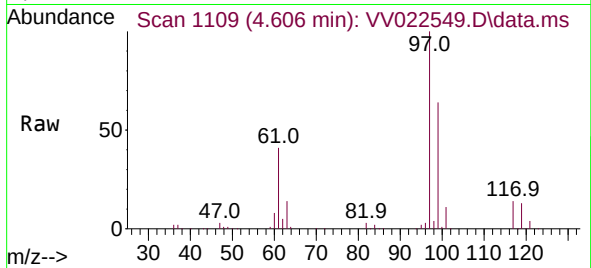




#30
1,1,1-Trichloroethane
Concen: 51.380 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

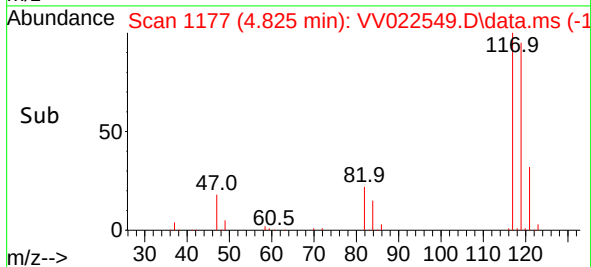
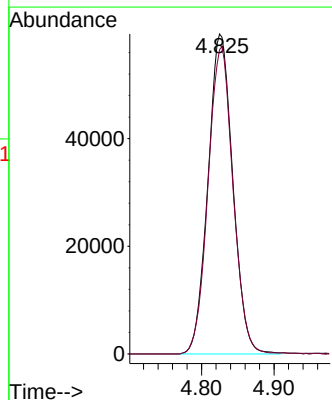
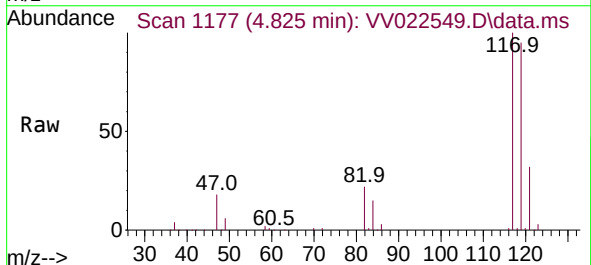
Instrument :
MSVOA_V
ClientSampleId :

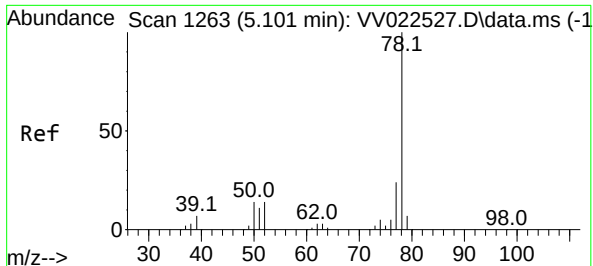
Tgt Ion: 97 Resp: 160909
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 40.4 32.9 49.3



#31
Carbon tetrachloride
Concen: 51.385 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 117 Resp: 141375
Ion Ratio Lower Upper
117 100
119 96.4 78.3 117.5

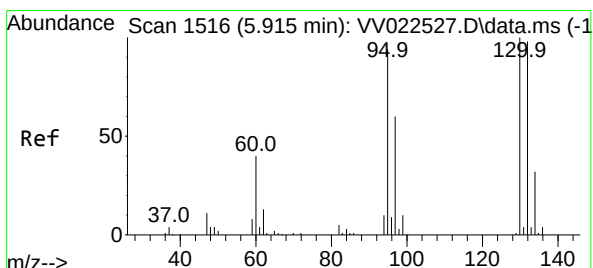
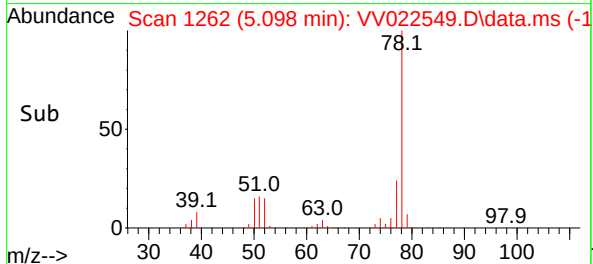
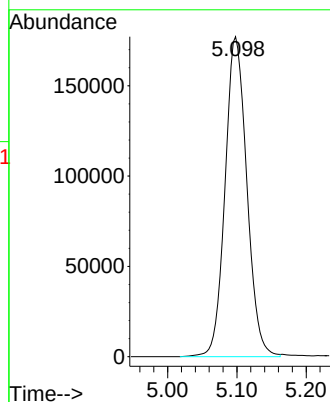
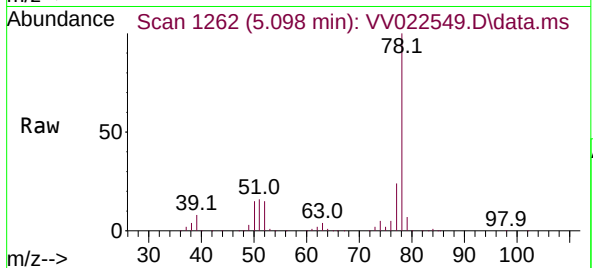




#33
Benzene
Concen: 49.949 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Instrument :
MSVOA_V
ClientSampled :

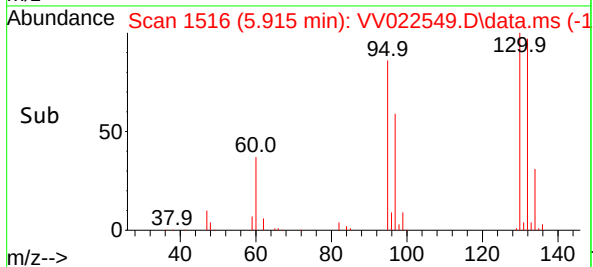
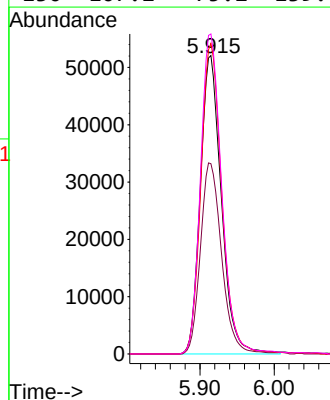
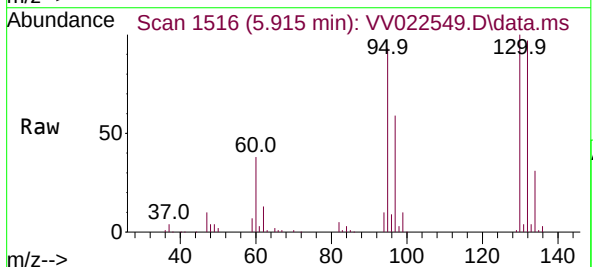
Tgt Ion: 78 Resp: 386648

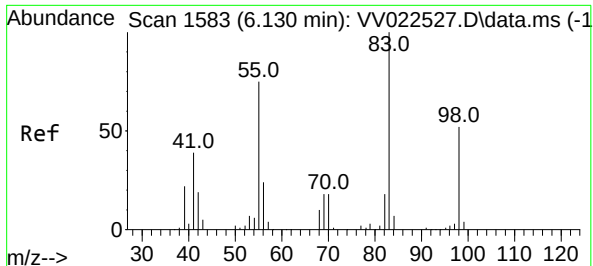


#34
Trichloroethene
Concen: 50.721 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 95 Resp: 102515

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.4	84.4
132	104.1	71.5	132.9
130	107.2	75.2	139.6

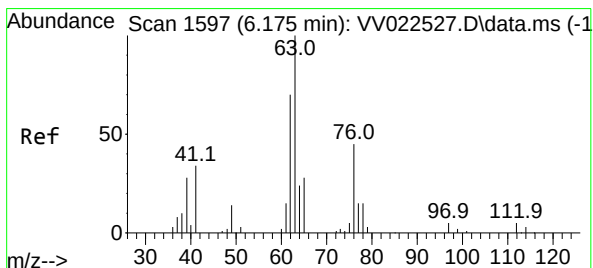
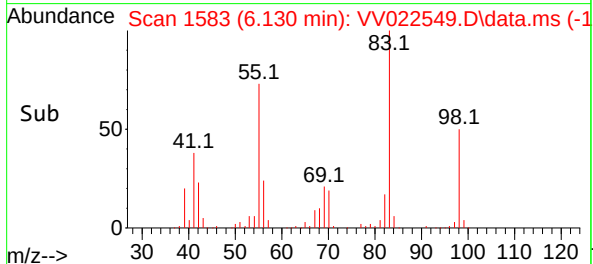
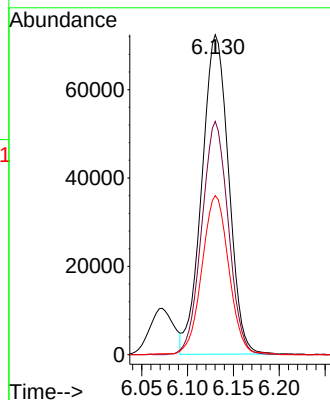
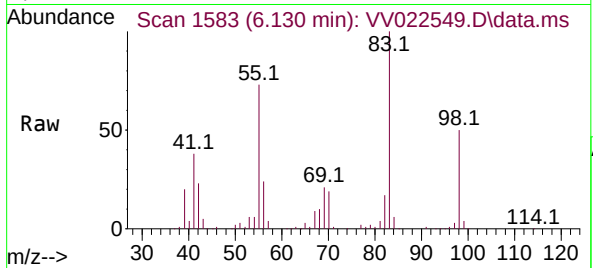




#35
Methylcyclohexane
Concen: 48.034 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

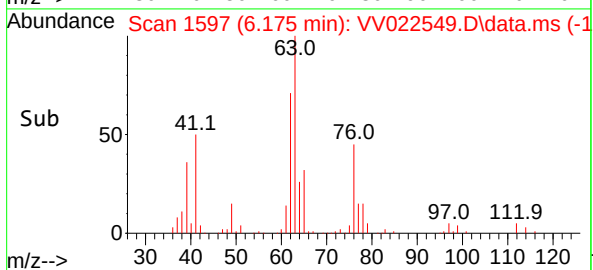
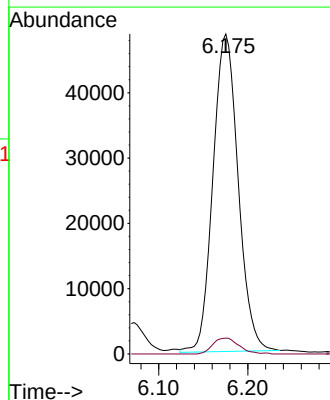
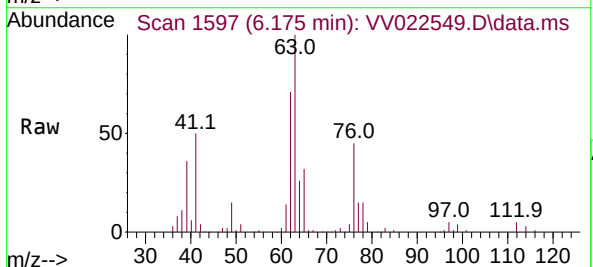
Instrument :
MSVOA_V
ClientSampleId :

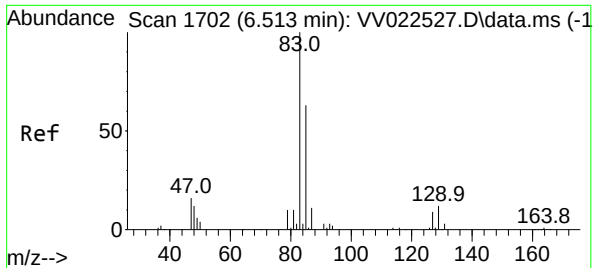
Tgt Ion: 83 Resp: 147208
Ion Ratio Lower Upper
83 100
55 72.3 56.7 85.1
98 50.0 40.6 60.8



#37
1,2-Dichloropropane
Concen: 48.226 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 63 Resp: 95580
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1

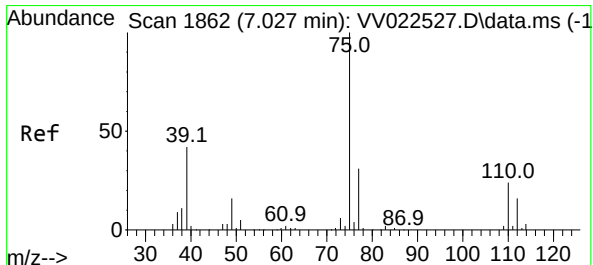
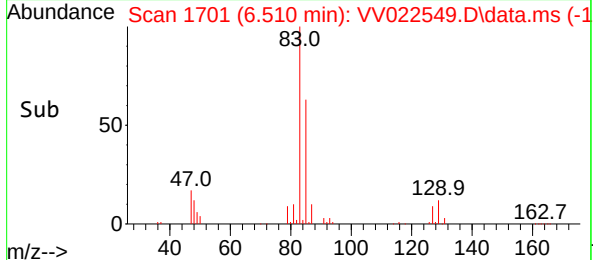
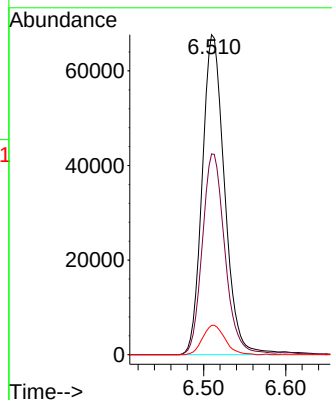
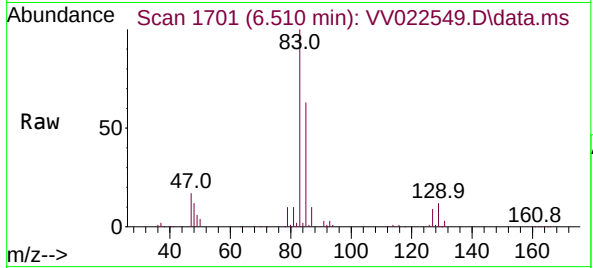




#38
Bromodichloromethane
Concen: 49.737 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

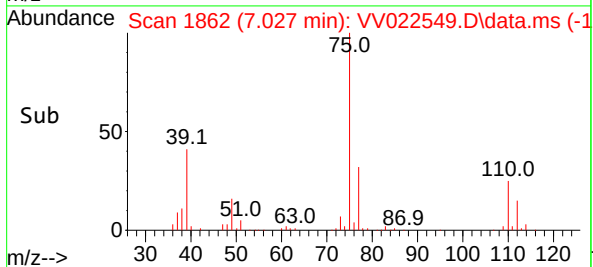
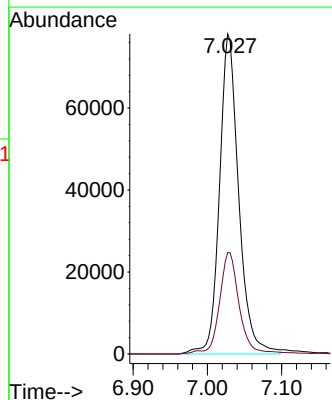
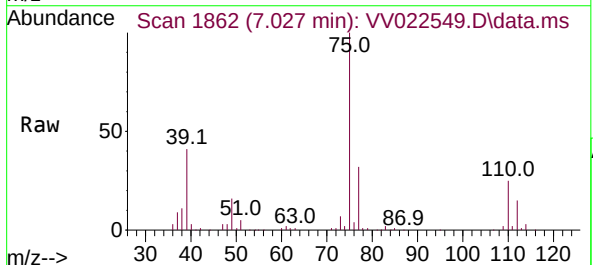
Instrument :
MSVOA_V
ClientSampled :

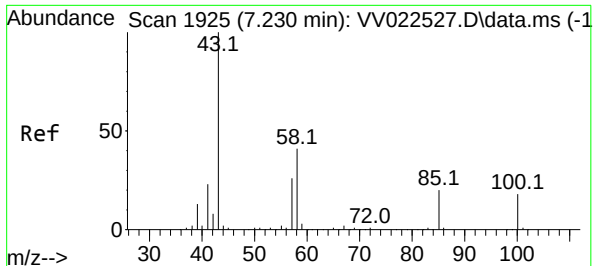
Tgt Ion: 83 Resp: 128043
Ion Ratio Lower Upper
83 100
85 62.7 46.3 86.1
127 9.1 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 47.139 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 75 Resp: 140504
Ion Ratio Lower Upper
75 100
77 31.7 21.6 40.2

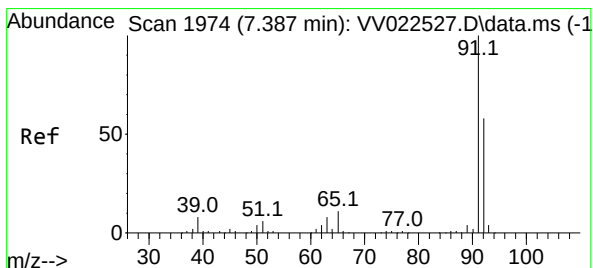
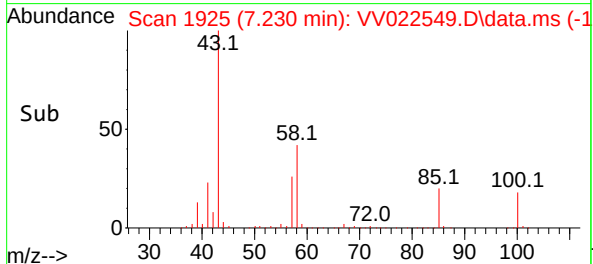
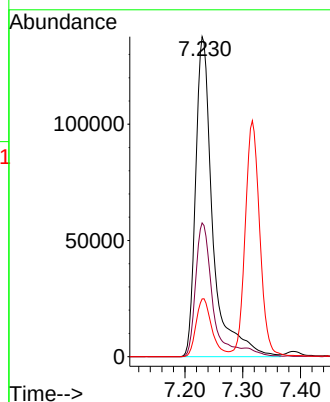
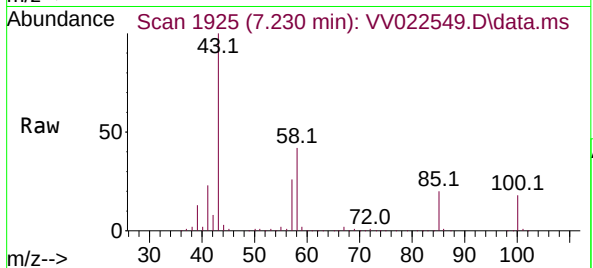




#40
4-Methyl-2-pentanone
Concen: 102.170 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

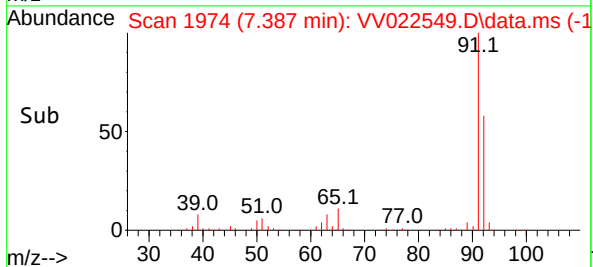
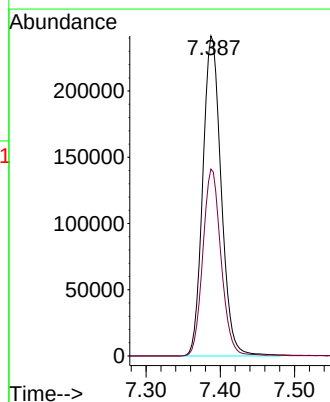
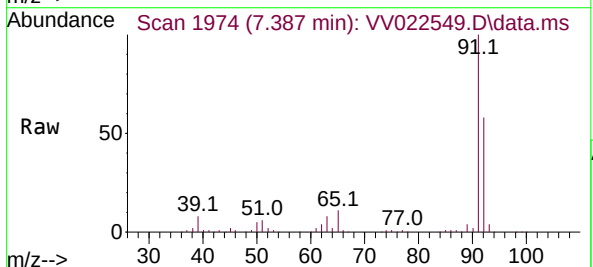
Instrument :
MSVOA_V
ClientSampled :

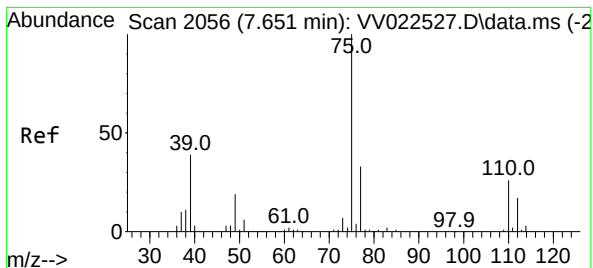
Tgt Ion: 43 Resp: 284523
Ion Ratio Lower Upper
43 100
58 40.3 32.5 48.7
100 16.7 13.9 20.9



#42
Toluene
Concen: 50.964 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 91 Resp: 415572
Ion Ratio Lower Upper
91 100
92 58.4 40.6 75.4



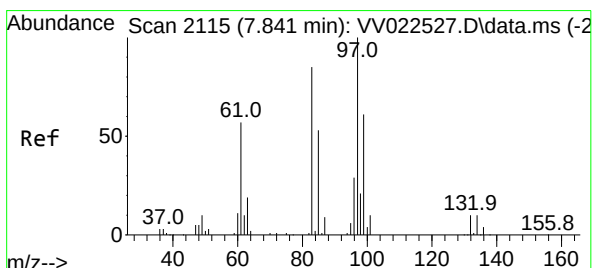
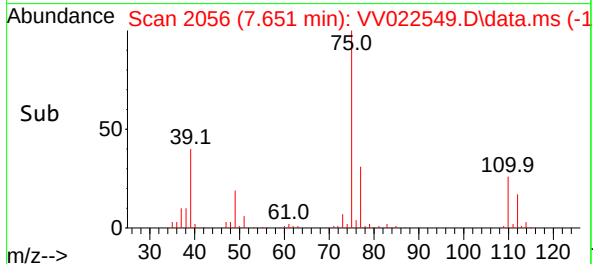
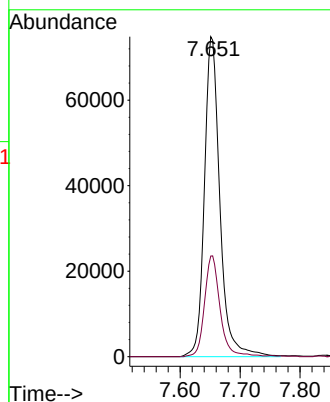
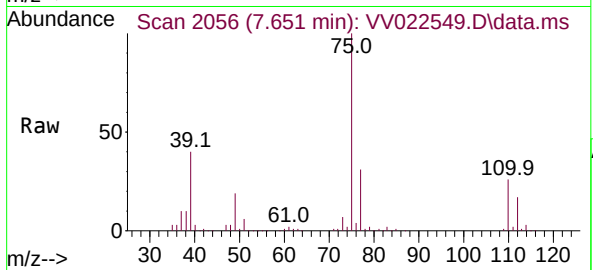


#44

trans-1,3-Dichloropropene
Concen: 46.909 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Instrument :
MSVOA_V
ClientSampleId :

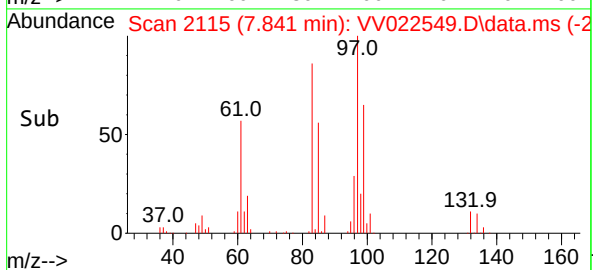
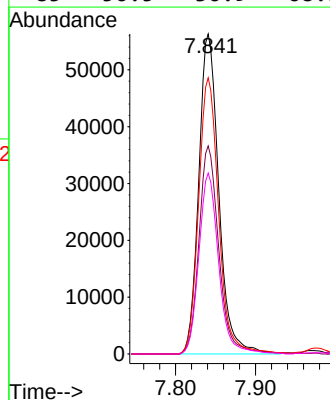
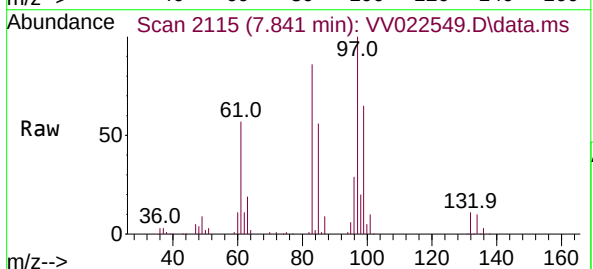
Tgt Ion: 75 Resp: 134618
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8

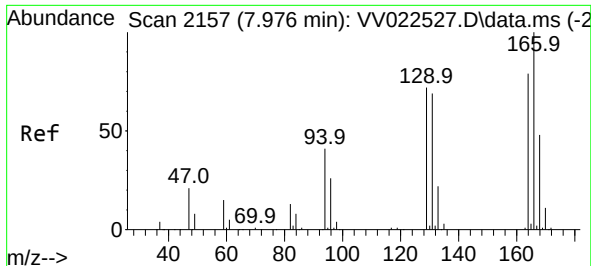


#45

1,1,2-Trichloroethane
Concen: 47.949 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 97 Resp: 98372
Ion Ratio Lower Upper
97 100
99 65.0 43.1 80.1
83 86.3 58.6 108.8
85 56.5 36.9 68.5

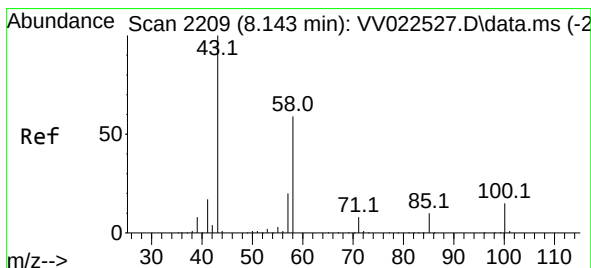
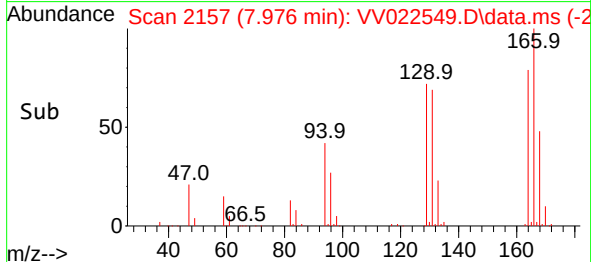
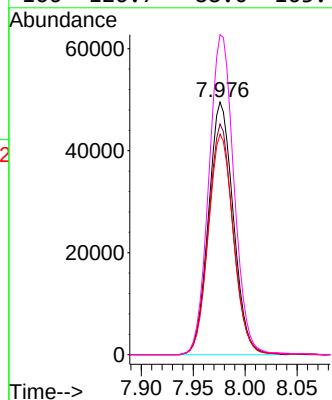
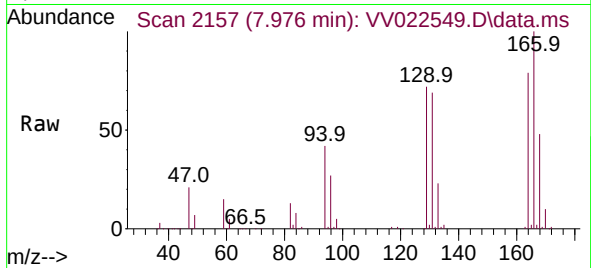




#46
Tetrachloroethene
Concen: 48.775 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

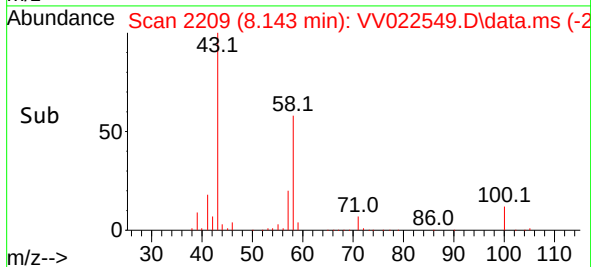
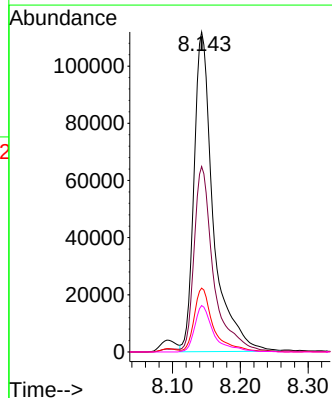
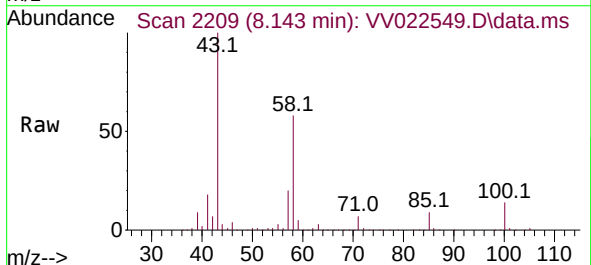
Instrument :
MSVOA_V
ClientSampleId :

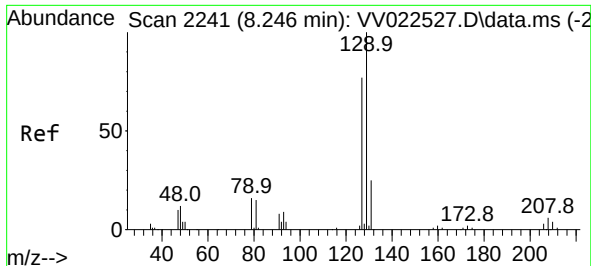
Tgt Ion:164 Resp: 82528
Ion Ratio Lower Upper
164 100
129 91.3 64.6 120.0
131 87.3 59.9 111.3
166 126.7 88.0 163.4



#48
2-Hexanone
Concen: 104.096 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 43 Resp: 221714
Ion Ratio Lower Upper
43 100
58 58.0 47.0 70.4
57 19.3 15.8 23.6
100 14.4 11.8 17.6





#49

Dibromochloromethane

Concen: 50.975 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV022549.D

Acq: 03 Oct 2021 07:32

Tgt Ion:129 Resp: 113173

Ion Ratio Lower Upper

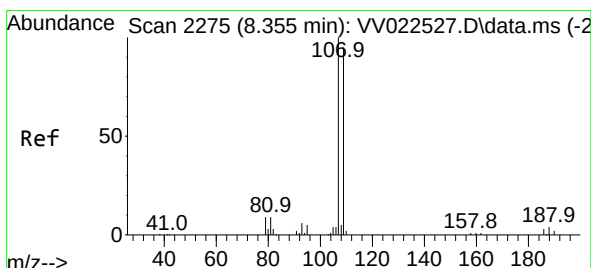
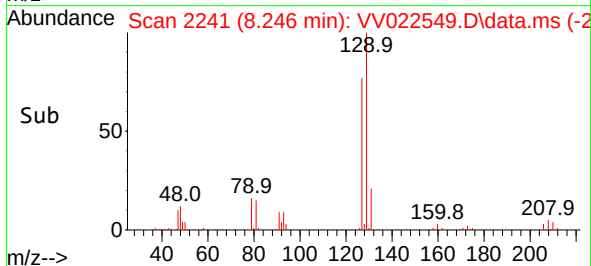
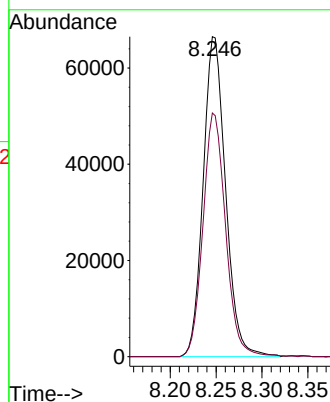
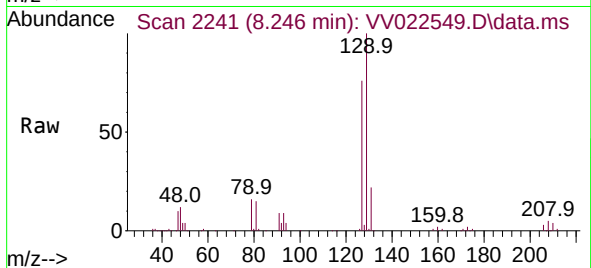
129 100

127 76.2 53.5 99.5

Instrument :

MSVOA_V

ClientSampled :



#50

1,2-Dibromoethane

Concen: 48.964 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV022549.D

Acq: 03 Oct 2021 07:32

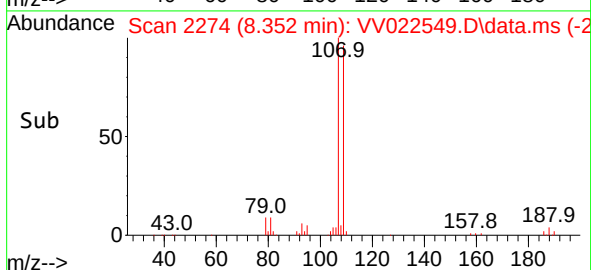
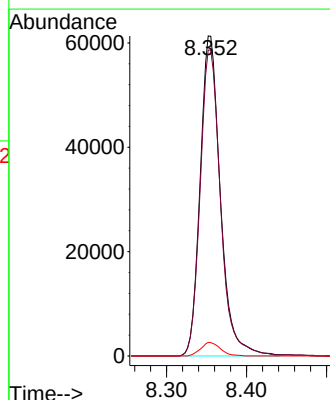
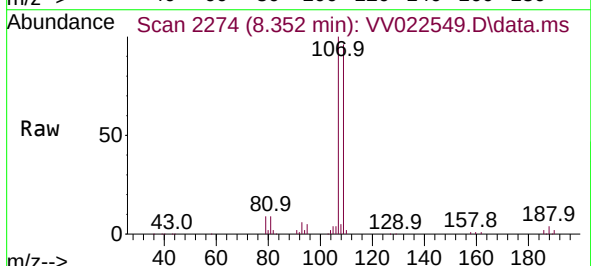
Tgt Ion:107 Resp: 108157

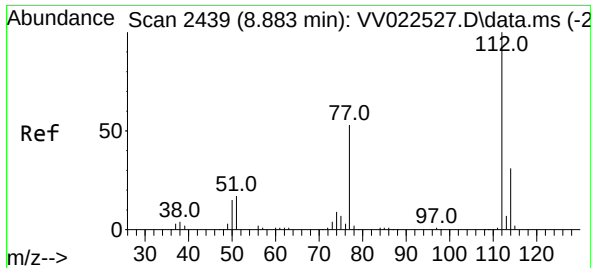
Ion Ratio Lower Upper

107 100

109 95.6 64.8 120.3

188 4.2 3.2 4.8

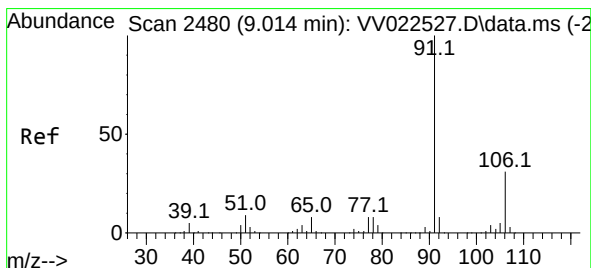
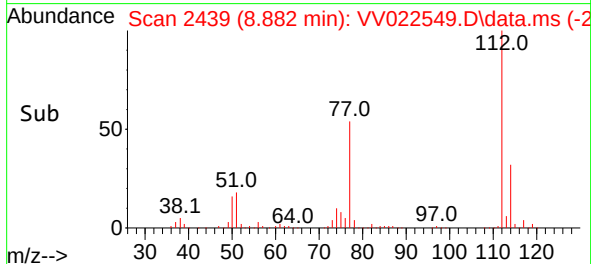
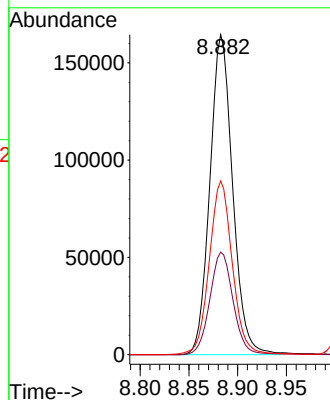
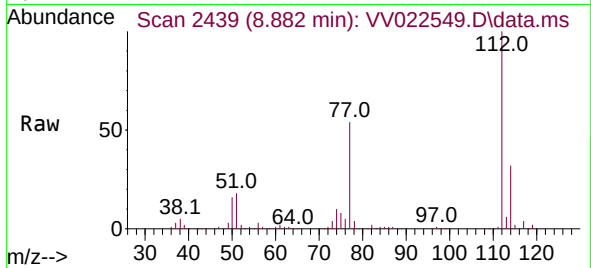




#51
Chlorobenzene
Concen: 49.246 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

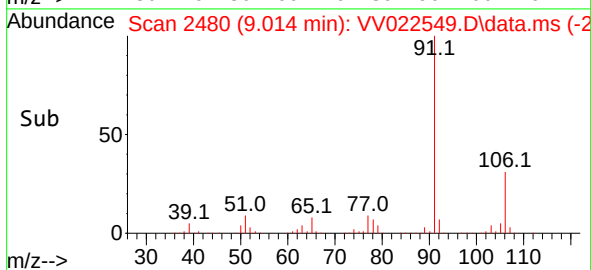
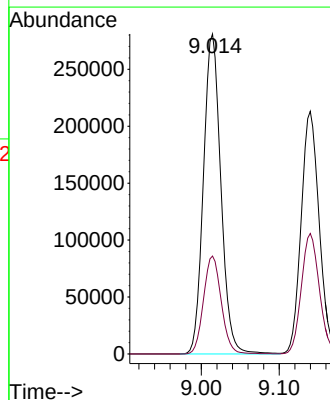
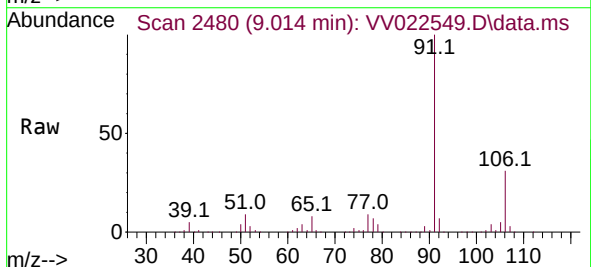
Instrument :
MSVOA_V
ClientSampled :

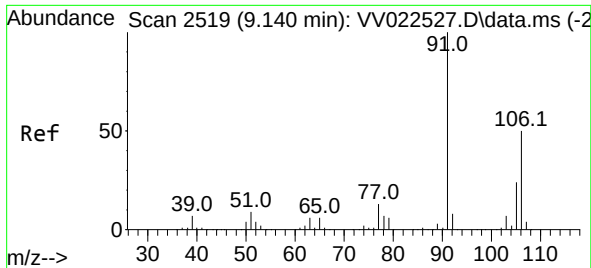
Tgt Ion:112 Resp: 267096
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 54.3 44.0 66.0



#52
Ethylbenzene
Concen: 51.512 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 91 Resp: 437164
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0

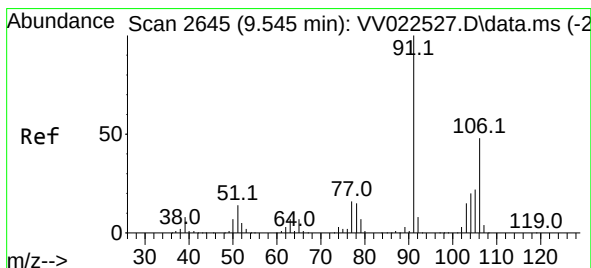
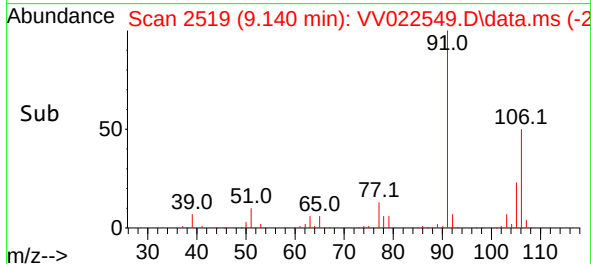
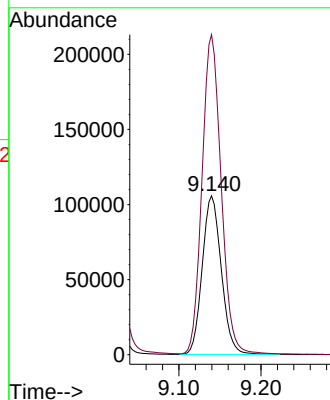
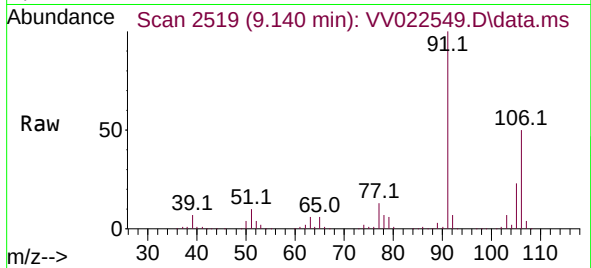




#53
m,p-Xylene
Concen: 50.675 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

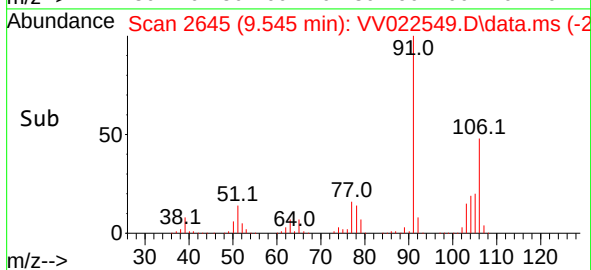
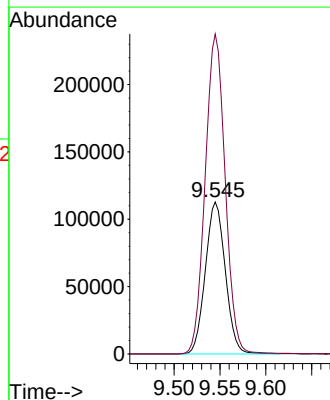
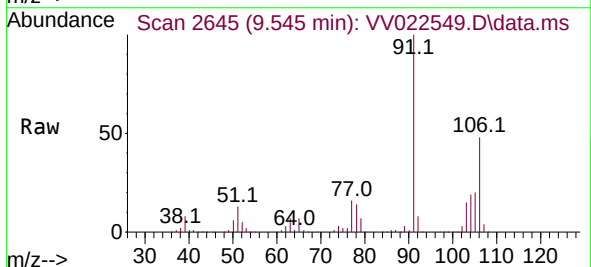
Instrument :
MSVOA_V
ClientSampleId :

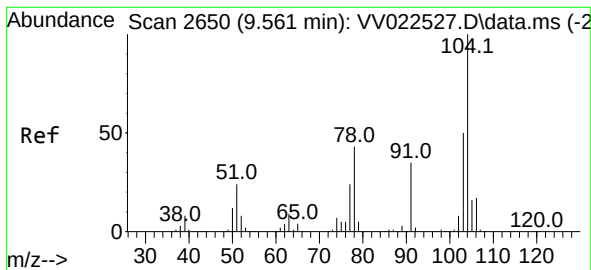
Tgt Ion:106 Resp: 170388
Ion Ratio Lower Upper
106 100
91 201.4 139.4 258.8



#54
o-Xylene
Concen: 52.239 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion:106 Resp: 171127
Ion Ratio Lower Upper
106 100
91 210.5 148.7 276.1

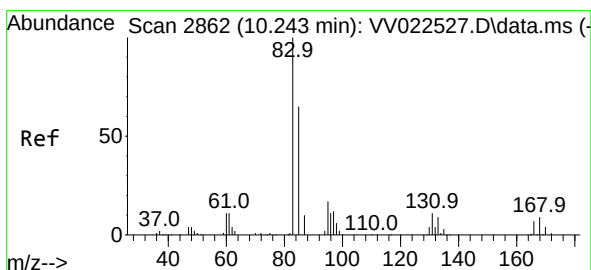
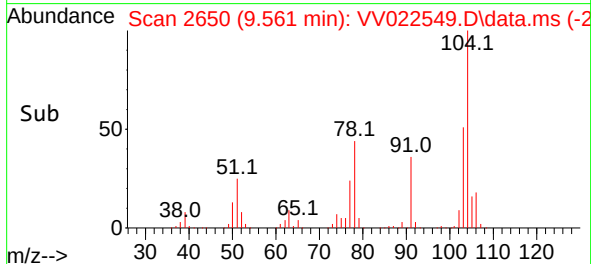
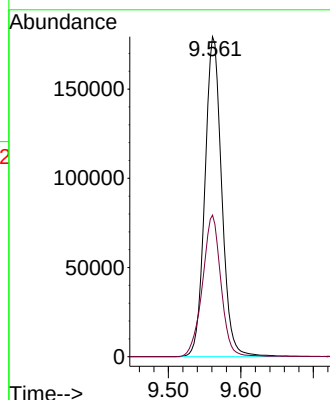
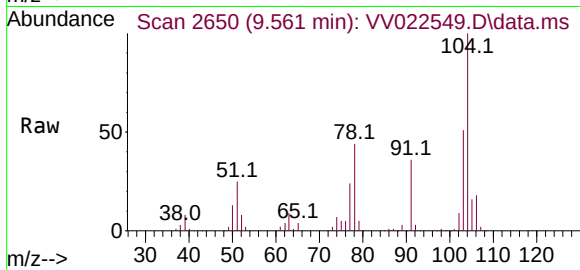




#55
Styrene
Concen: 51.575 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

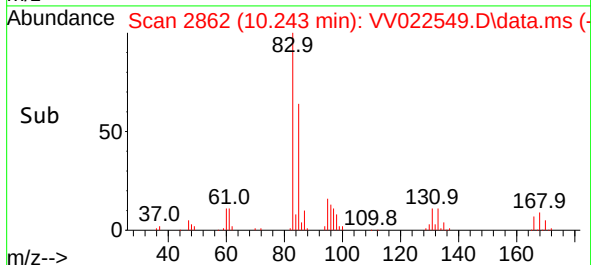
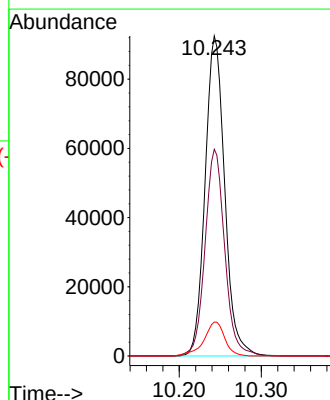
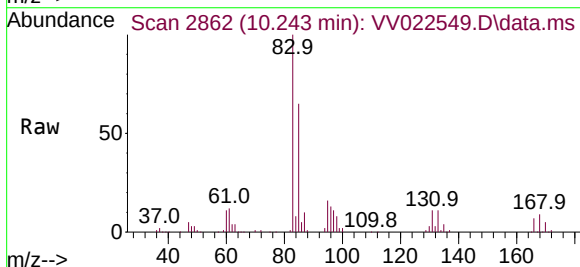
Instrument :
MSVOA_V
ClientSampleId :

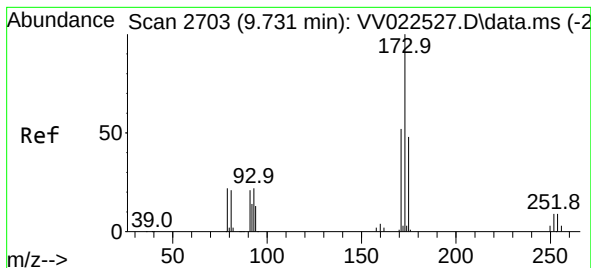
Tgt Ion:104 Resp: 289941
Ion Ratio Lower Upper
104 100
78 44.2 30.6 56.8



#57
1,1,2,2-Tetrachloroethane
Concen: 48.351 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 83 Resp: 153318
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 10.6 8.2 12.4





#59

Bromoform

Concen: 50.102 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. 0.003 min

Lab File: VV022549.D

Acq: 03 Oct 2021 07:32

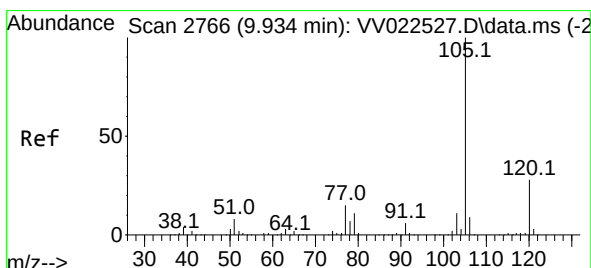
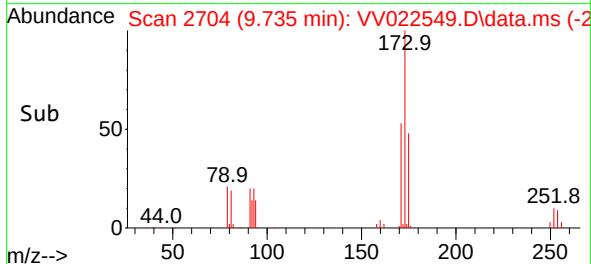
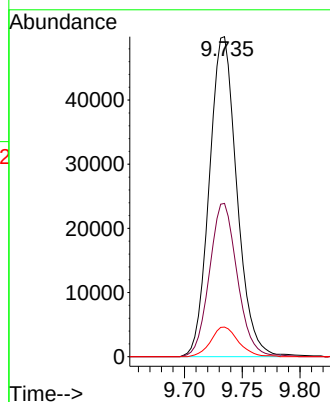
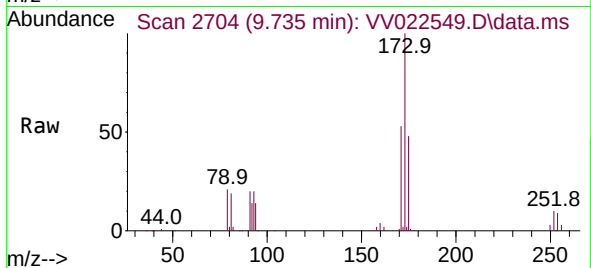
Tgt Ion:173 Resp: 82707

Ion Ratio Lower Upper

173 100

175 48.5 38.3 57.5

254 9.3 7.0 10.6



#60

Isopropylbenzene

Concen: 51.794 ug/L

RT: 9.934 min Scan# 2766

Delta R.T. -0.000 min

Lab File: VV022549.D

Acq: 03 Oct 2021 07:32

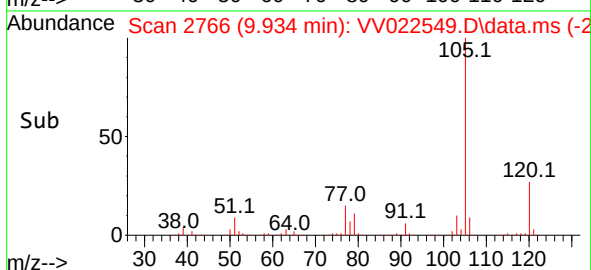
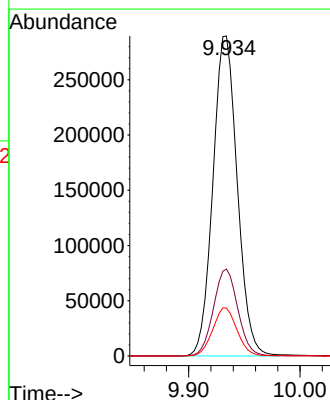
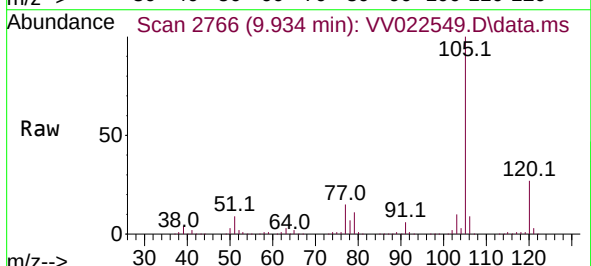
Tgt Ion:105 Resp: 439927

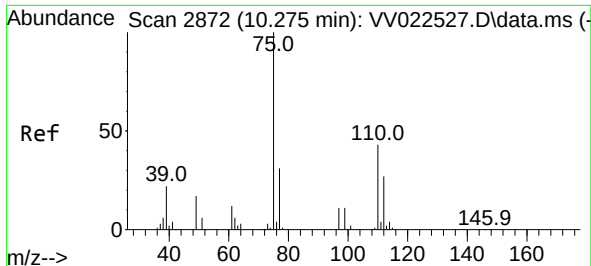
Ion Ratio Lower Upper

105 100

120 27.2 21.6 32.4

77 15.0 12.0 18.0

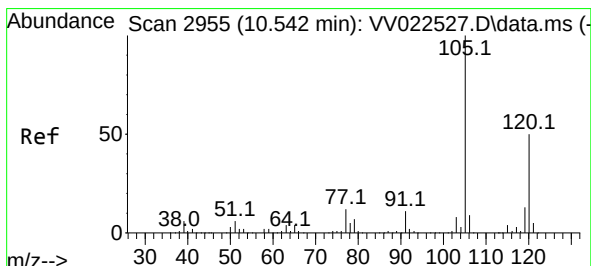
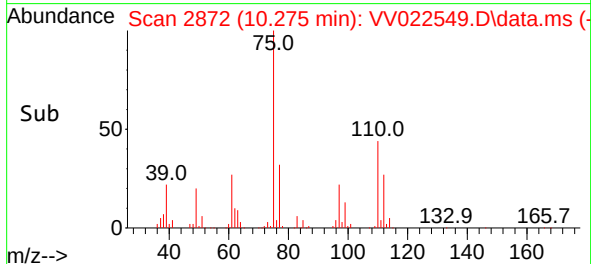
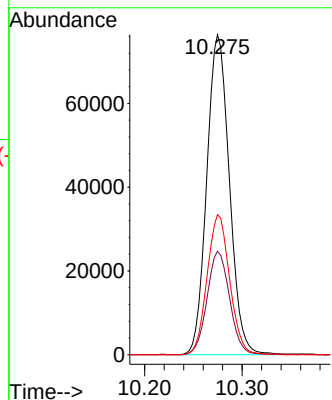
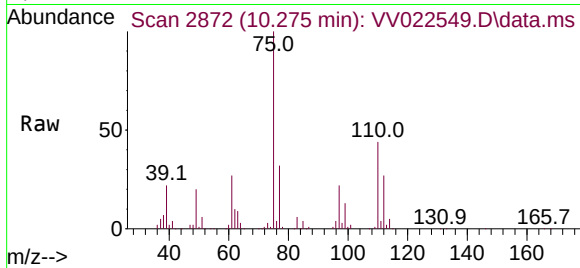




#61
1,2,3-Trichloropropane
Concen: 48.471 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

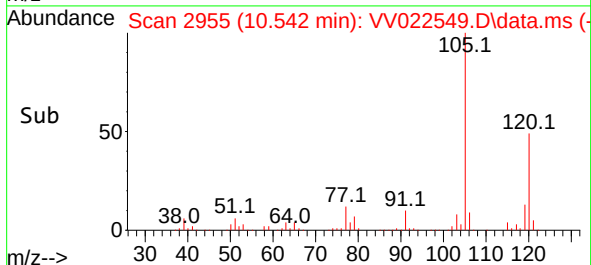
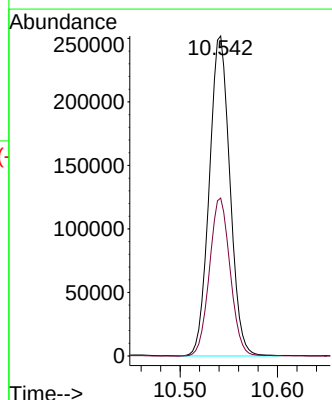
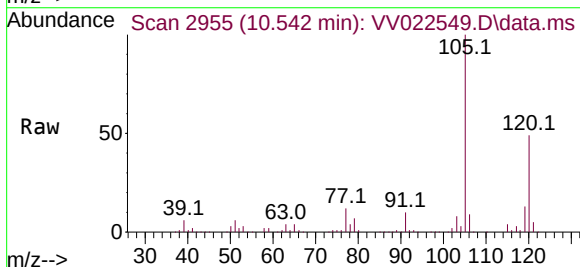
Instrument :
MSVOA_V
ClientSampleId :

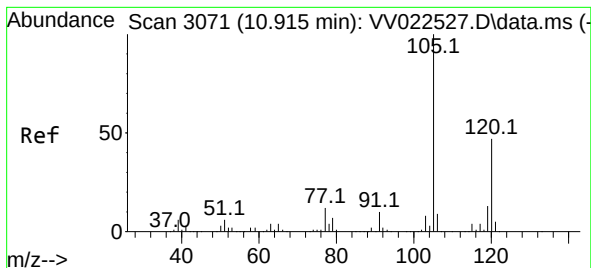
Tgt Ion: 75 Resp: 123063
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 43.6 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 51.906 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion: 105 Resp: 371217
Ion Ratio Lower Upper
105 100
120 49.5 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 52.436 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV022549.D

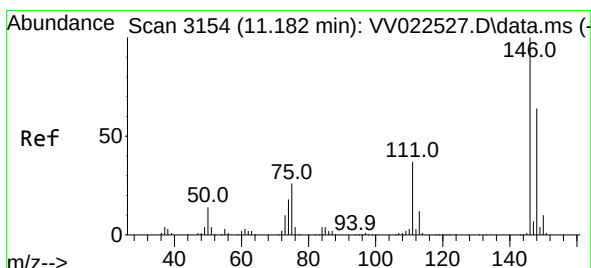
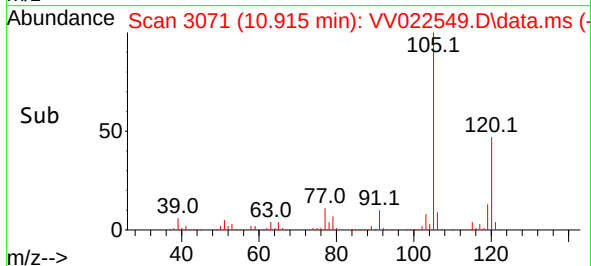
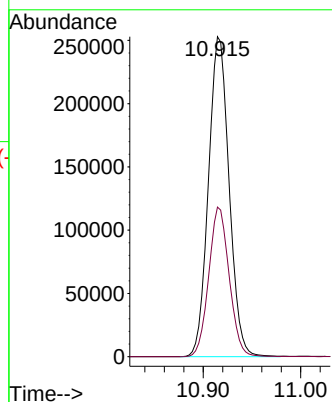
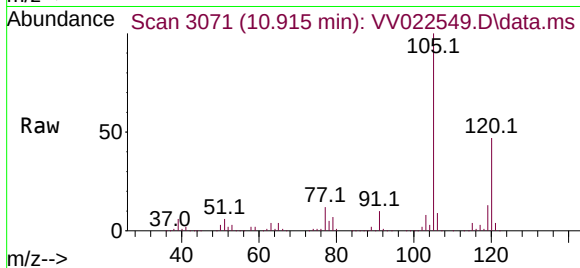
Acq: 03 Oct 2021 07:32

Tgt Ion:105 Resp: 372795

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.0



#64

1,3-Dichlorobenzene

Concen: 49.261 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV022549.D

Acq: 03 Oct 2021 07:32

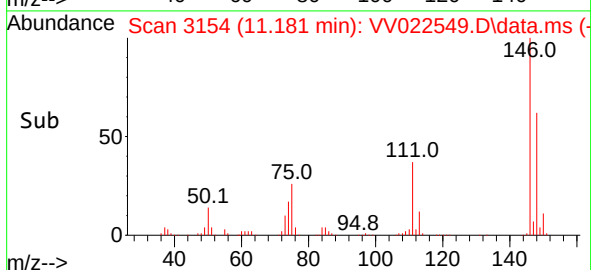
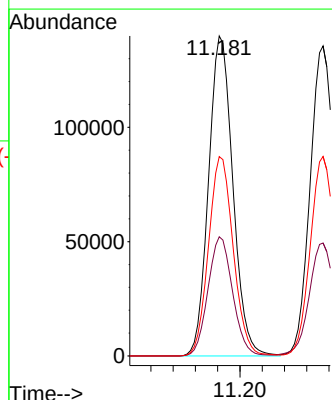
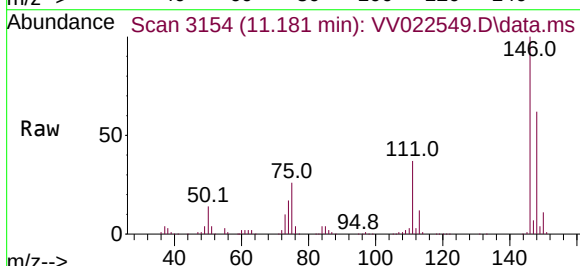
Tgt Ion:146 Resp: 212277

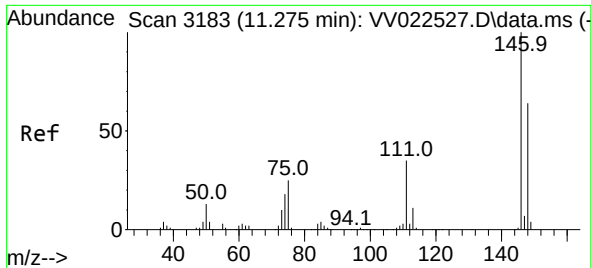
Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.3

148 62.3 44.6 82.8

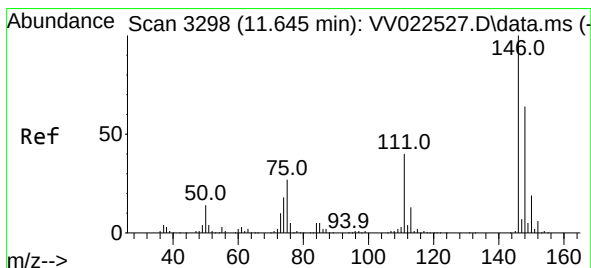
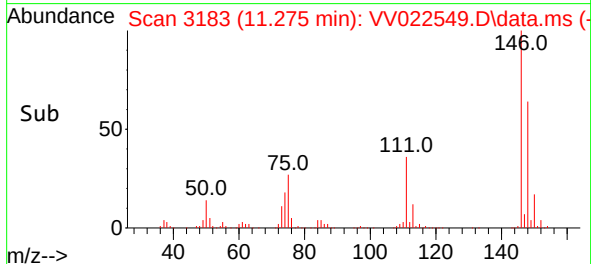
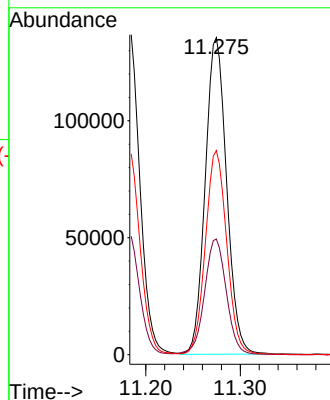
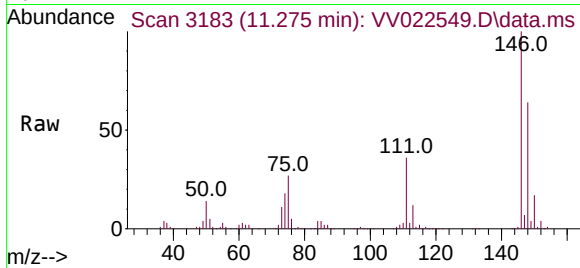




#65
1,4-Dichlorobenzene
Concen: 47.461 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

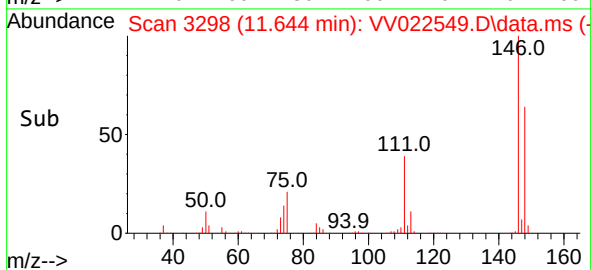
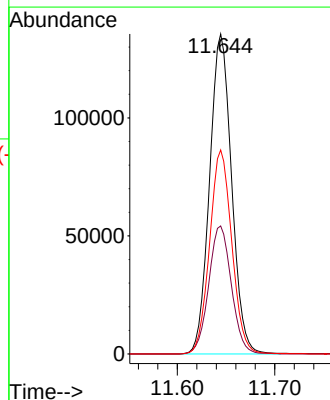
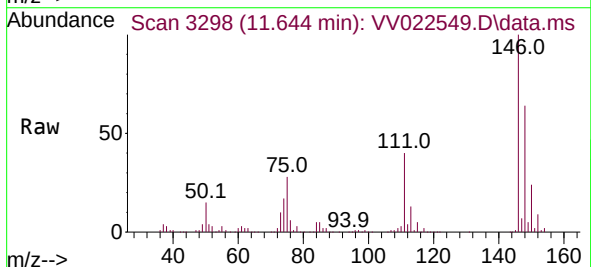
Instrument :
MSVOA_V
ClientSampleId :

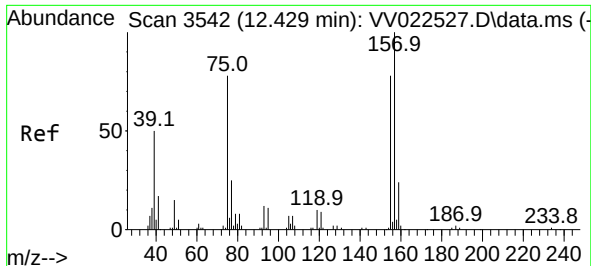
Tgt Ion:146 Resp: 212407
Ion Ratio Lower Upper
146 100
111 36.5 25.5 47.3
148 64.4 43.9 81.5



#67
1,2-Dichlorobenzene
Concen: 48.337 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion:146 Resp: 212868
Ion Ratio Lower Upper
146 100
111 40.0 31.6 47.4
148 63.8 50.4 75.6

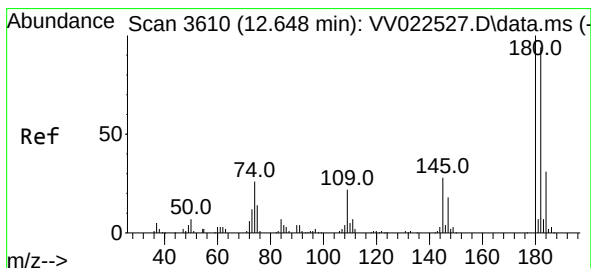
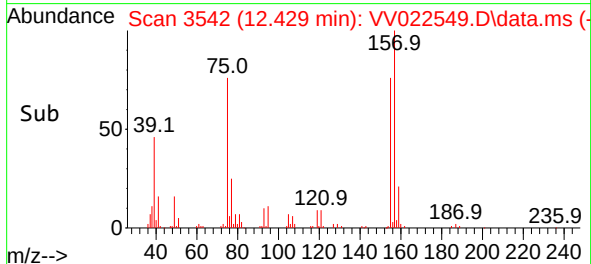
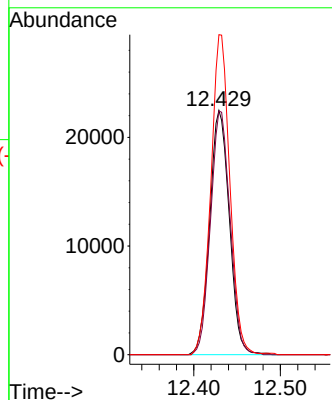
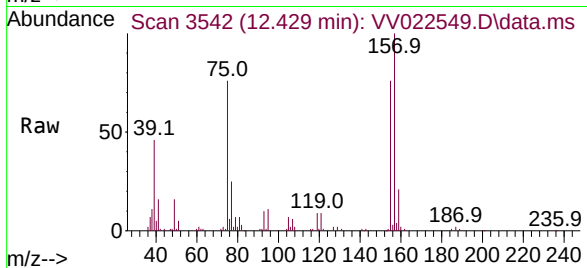




#68
1,2-Dibromo-3-chloropropane
Concen: 50.970 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

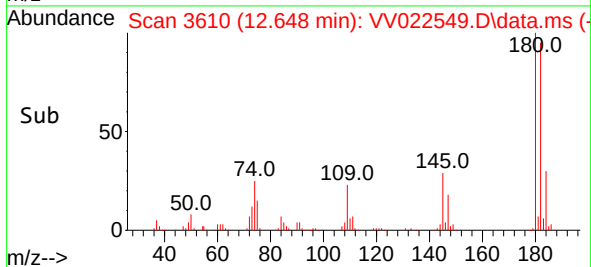
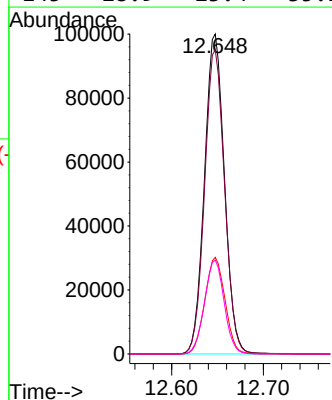
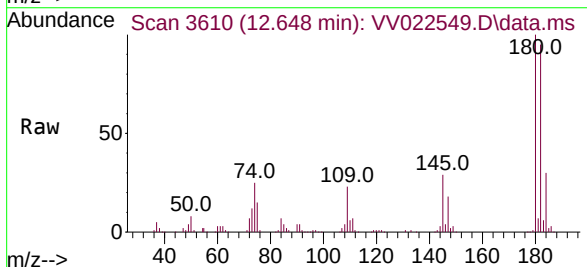
Instrument :
MSVOA_V
ClientSampleId :

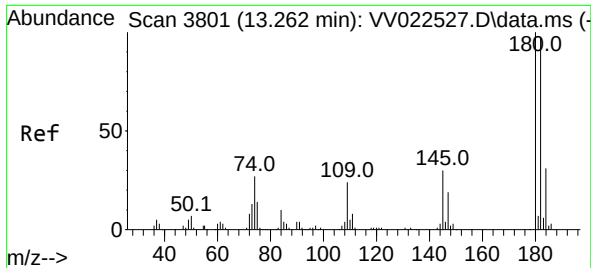
Tgt Ion: 75 Resp: 35455
Ion Ratio Lower Upper
75 100
155 99.8 79.1 118.7
157 131.0 104.2 156.2



#69
1,3,5-Trichlorobenzene
Concen: 47.317 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion:180 Resp: 151502
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.4
184 30.5 23.6 35.4
145 28.9 23.4 35.2

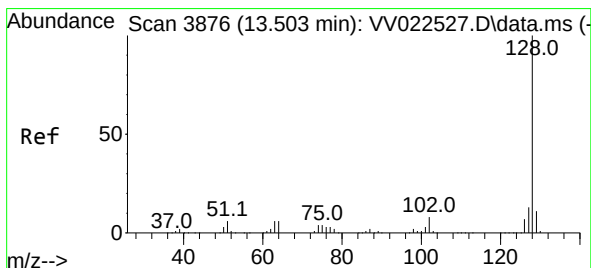
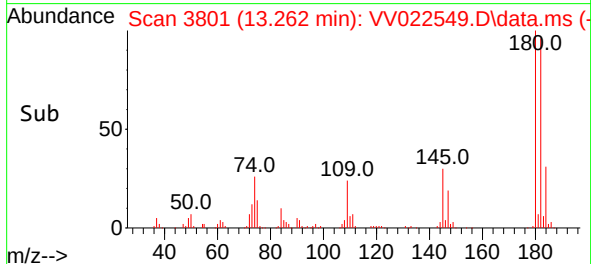
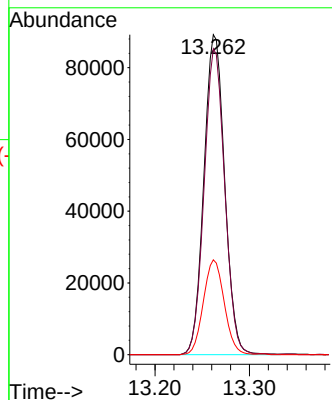
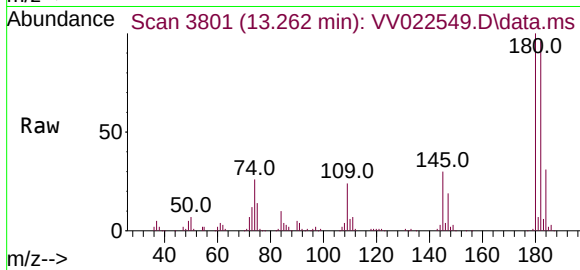




#70
1,2,4-trichlorobenzene
Concen: 47.268 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

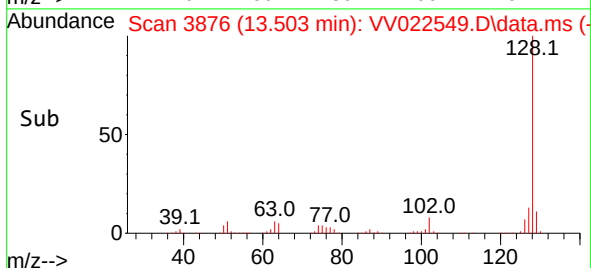
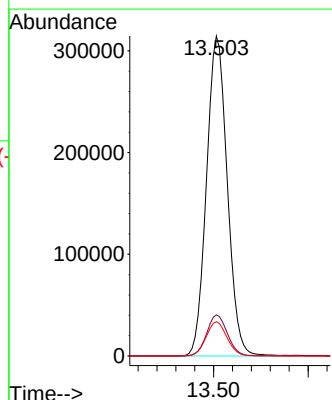
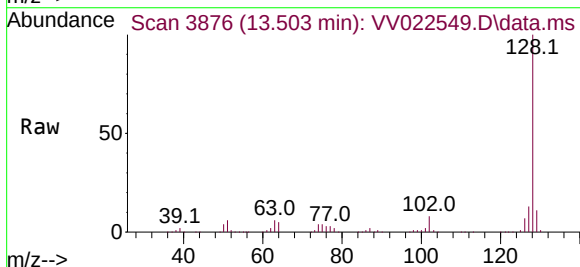
Instrument :
MSVOA_V
ClientSampleId :

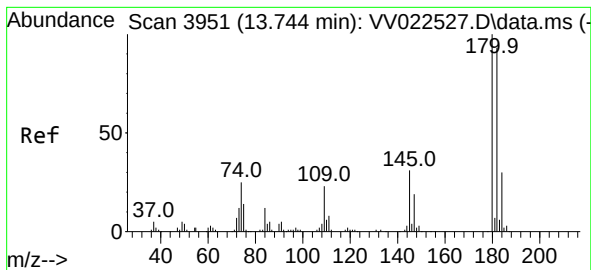
Tgt Ion:180 Resp: 136095
Ion Ratio Lower Upper
180 100
182 94.6 75.5 113.3
145 29.8 23.0 34.4



#71
Naphthalene
Concen: 50.566 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022549.D
Acq: 03 Oct 2021 07:32

Tgt Ion:128 Resp: 479410
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 49.688 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VV022549.D
 Acq: 03 Oct 2021 07:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 147866

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	31.2	24.6	36.8

