

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023027.D
 Acq On : 25 Oct 2021 12:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 00:49:26 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	5.616	114	307046	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	299596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	166744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88306	46.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	59659	39.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.940%
11) 1,1-Dichloroethene-d2	2.108	63	150359	40.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.320%
21) 2-Butanone-d5	3.896	46	101556	97.157	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	4.349	84	174620	50.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
26) 1,2-Dichloroethane-d4	5.031	65	103354	51.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.700%
32) Benzene-d6	5.050	84	338391	48.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
36) 1,2-Dichloropropane-d6	6.069	67	108339	50.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	7.317	98	314937	49.467	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.940%
43) trans-1,3-Dichloroprop...	7.622	79	52759	52.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.380%
47) 2-Hexanone-d5	8.092	63	94628	106.909	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.910%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154263	51.921	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	11.625	152	132441	48.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	130498	42.497	ug/L	98
3) Chloromethane	1.240	50	130633	42.781	ug/L	100
5) Vinyl chloride	1.311	62	124899	43.152	ug/L	98
6) Bromomethane	1.523	94	89902	44.486	ug/L	99
8) Chloroethane	1.584	64	69275	39.244	ug/L	99
9) Trichlorofluoromethane	1.751	101	166104	41.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	88849	39.482	ug/L	96
12) 1,1-Dichloroethene	2.118	96	83683	39.016	ug/L	95
14) Carbon disulfide	2.294	76	291285	44.958	ug/L	99
15) Methyl Acetate	2.436	43	105993	44.004	ug/L	100
16) Methylene chloride	2.507	84	129513	48.061	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	111657	47.424	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	357407	49.169	ug/L	99
19) 1,1-Dichloroethane	3.188	63	209880	50.379	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	121751	48.539	ug/L	95
22) 2-Butanone	3.979	43	130539	75.083	ug/L	93
23) Bromochloromethane	4.246	128	69079	50.128	ug/L	89
25) Chloroform	4.375	83	213309	50.883	ug/L	99
27) 1,2-Dichloroethane	5.130	62	154592	50.926	ug/L	99

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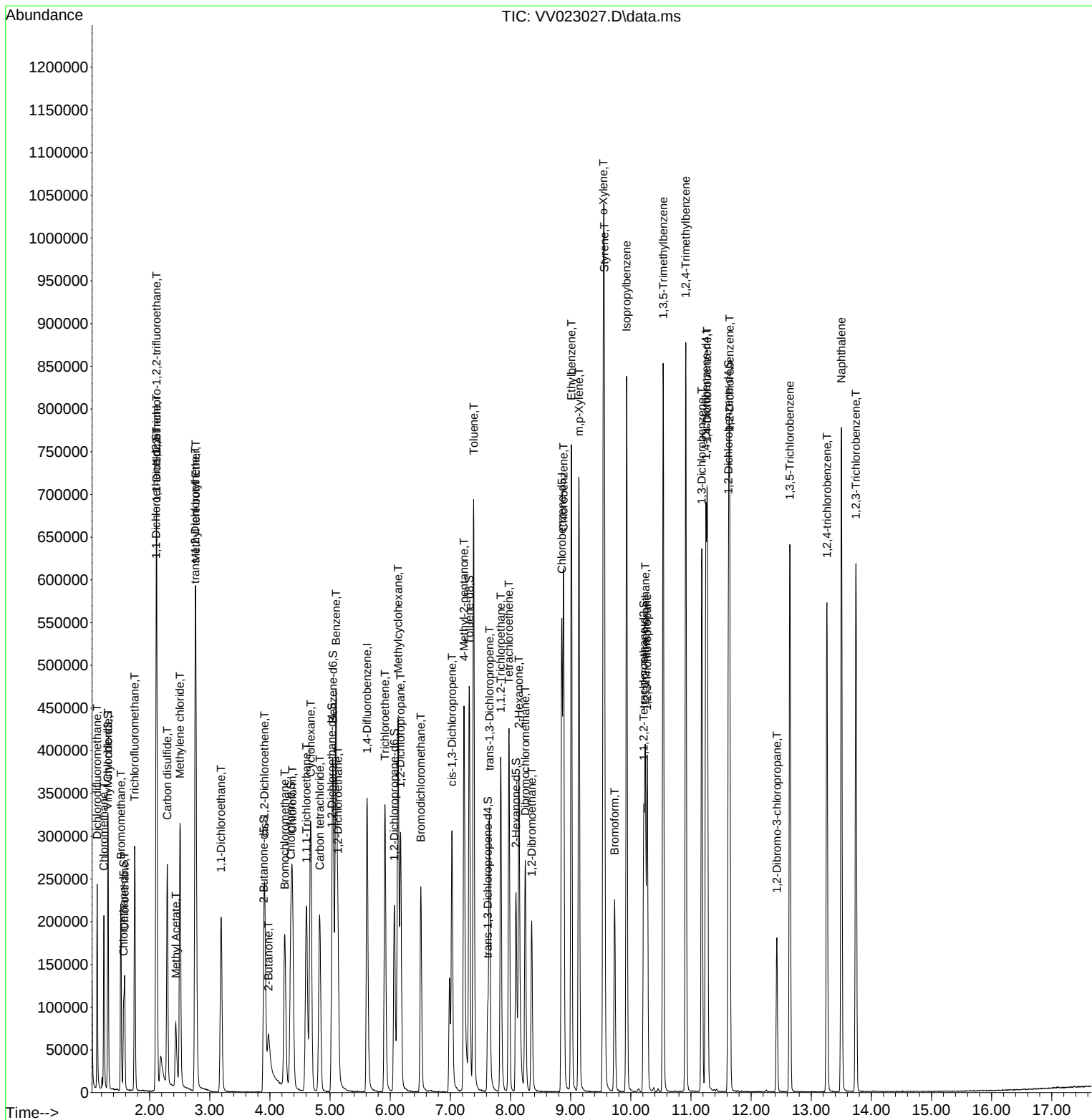
Instrument :
 MSVOA_V
 ClientSampleId :

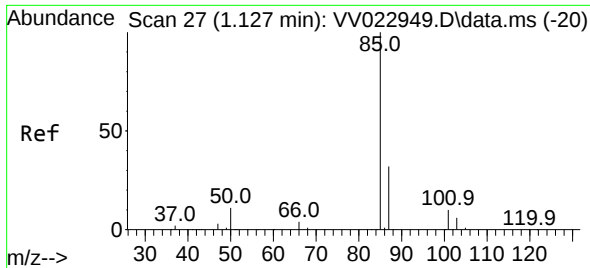
Quant Time: Oct 26 00:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 22 03:48:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	174317	49.918	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	179723	48.022	ug/L	99
31) Carbon tetrachloride	4.828	117	158655	48.255	ug/L	98
33) Benzene	5.098	78	466914	50.474	ug/L	100
34) Trichloroethene	5.912	95	118675	49.134	ug/L	98
35) Methylcyclohexane	6.130	83	183029	49.976	ug/L	96
37) 1,2-Dichloropropane	6.172	63	123815	52.277	ug/L	99
38) Bromodichloromethane	6.510	83	160844	52.282	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	186350	52.317	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	338866	101.826	ug/L	99
42) Toluene	7.387	91	501588	51.474	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	182766	53.293	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	125070	51.014	ug/L	99
46) Tetrachloroethene	7.976	164	97915	48.425	ug/L	99
48) 2-Hexanone	8.140	43	262952	103.310	ug/L	98
49) Dibromochloromethane	8.246	129	139154	52.448	ug/L	100
50) 1,2-Dibromoethane	8.352	107	134452	50.935	ug/L	96
51) Chlorobenzene	8.883	112	326211	50.330	ug/L	99
52) Ethylbenzene	9.011	91	522436	51.514	ug/L	100
53) m,p-Xylene	9.140	106	206997	51.516	ug/L	98
54) o-Xylene	9.545	106	205911	52.599	ug/L	97
55) Styrene	9.561	104	363735	54.143	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	195297	51.539	ug/L	99
59) Bromoform	9.731	173	103513	50.205	ug/L	99
60) Isopropylbenzene	9.931	105	525725	49.555	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	153621	48.444	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	438750	49.118	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	448857	50.547	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	266293	49.476	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	271029	48.487	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	271355	49.334	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41298	47.533	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	202924	50.742	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	177967	49.488	ug/L	99
71) Naphthalene	13.503	128	585268	49.424	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	188807	50.797	ug/L	99

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

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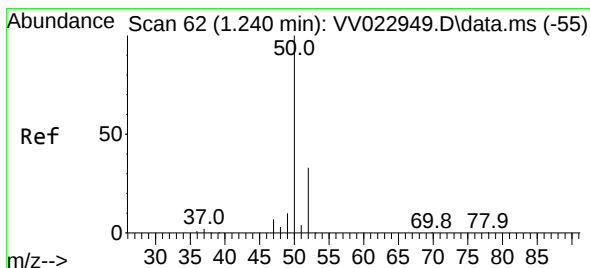
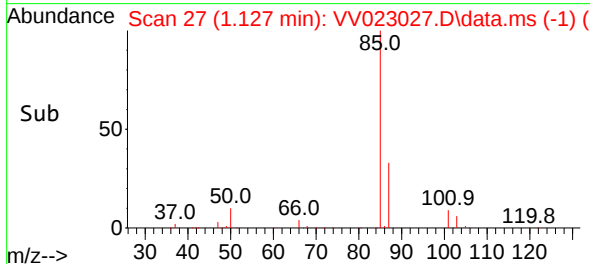
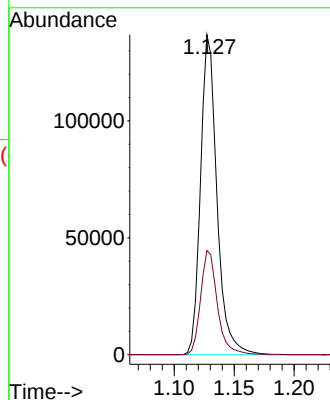
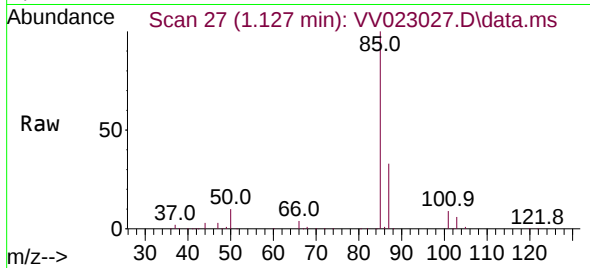




#2
 Dichlorodifluoromethane
 Concen: 42.497 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

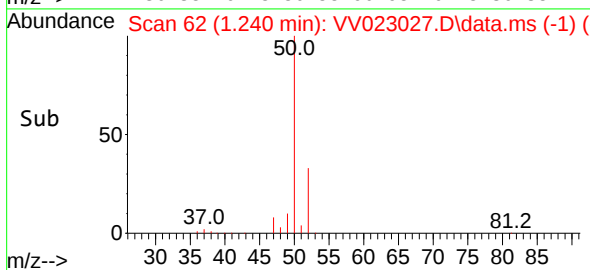
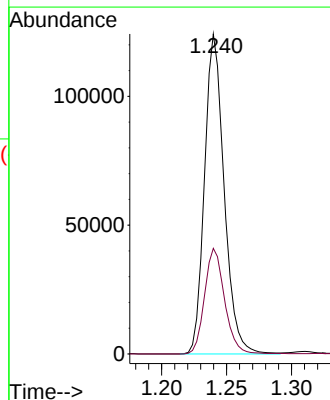
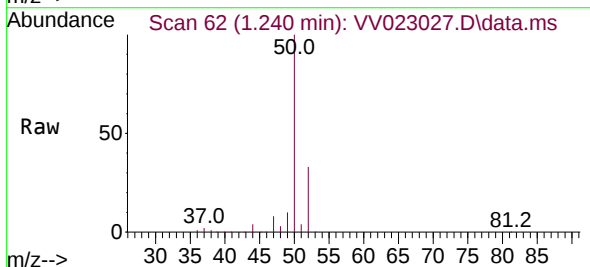
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 MSVOA_V
 ClientSampled :

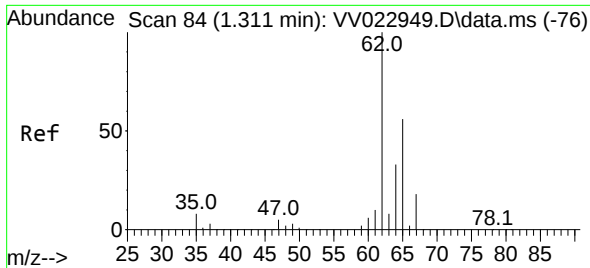
Tgt Ion: 85 Resp: 130498
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 42.781 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

Tgt Ion: 50 Resp: 130633
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

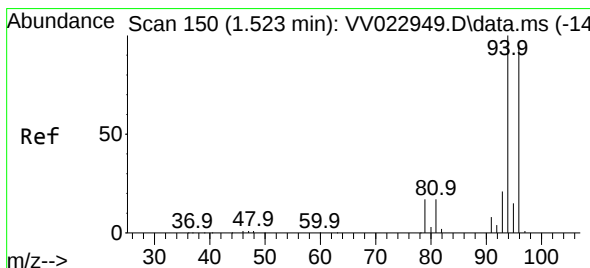
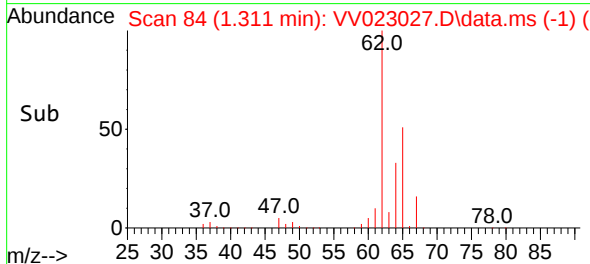
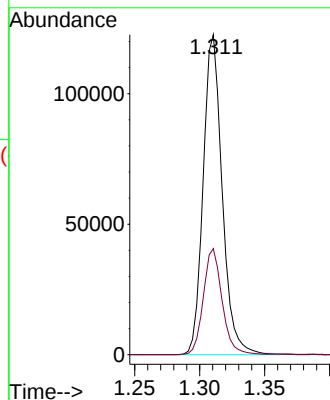
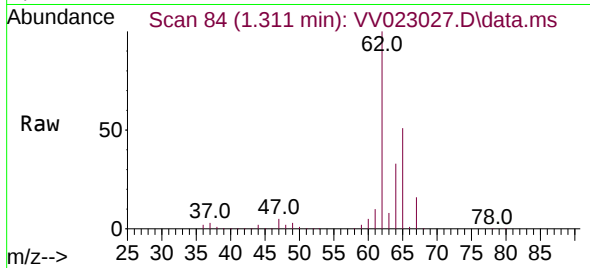




#5
 Vinyl chloride
 Concen: 43.152 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

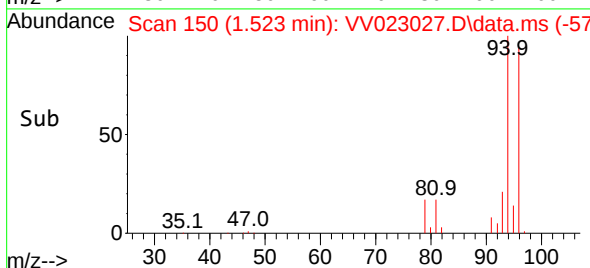
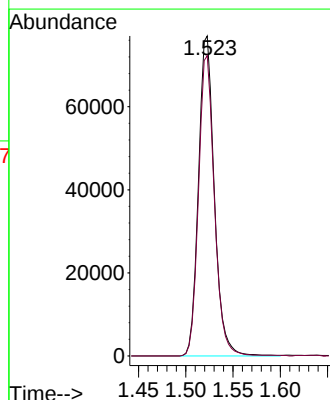
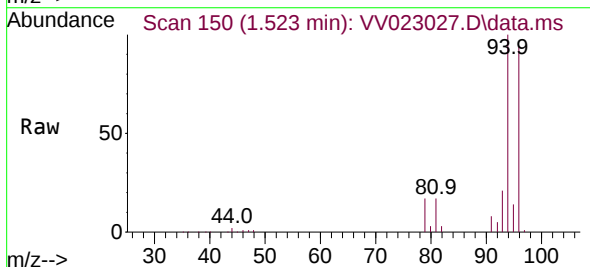
Instrument :
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 ClientSampled :

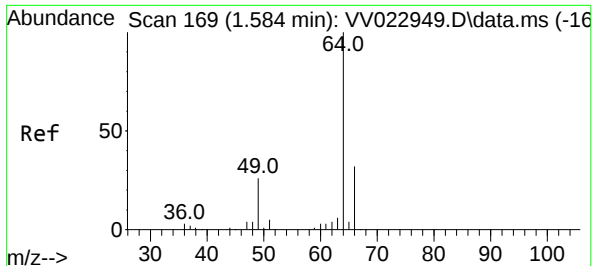
Tgt Ion: 62 Resp: 124899
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.9



#6
 Bromomethane
 Concen: 44.486 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

Tgt Ion: 94 Resp: 89902
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.4 123.2

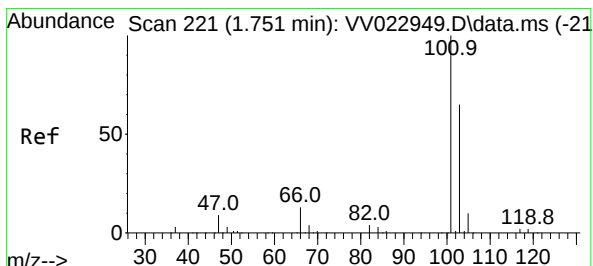
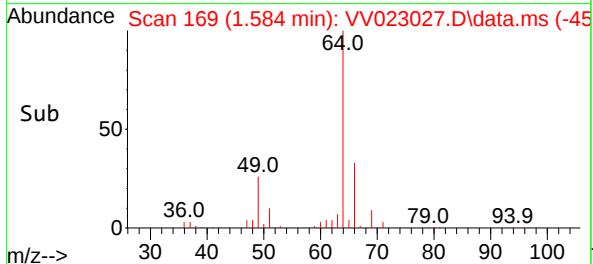
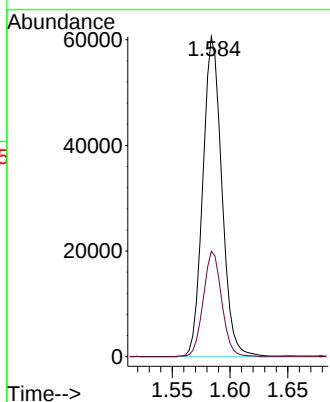
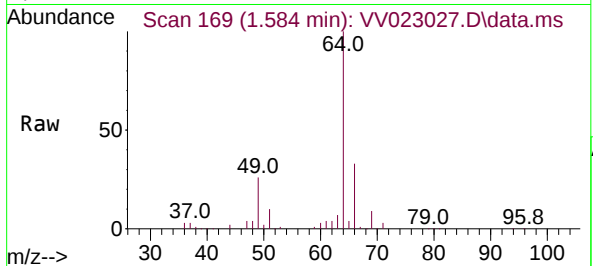




#8
Chloroethane
Concen: 39.244 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

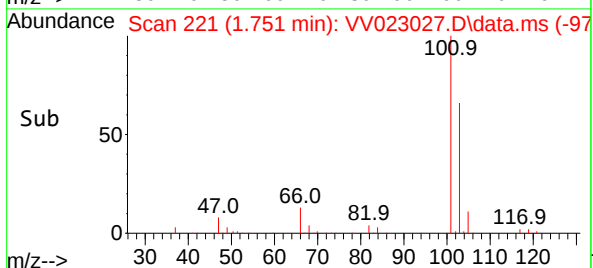
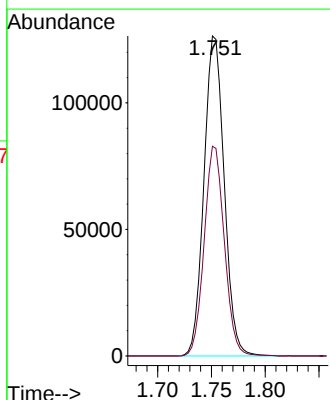
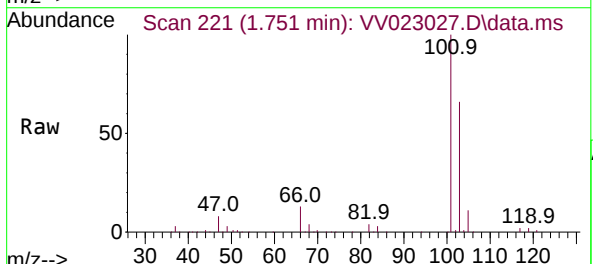
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MSVOA_V
ClientSampled :

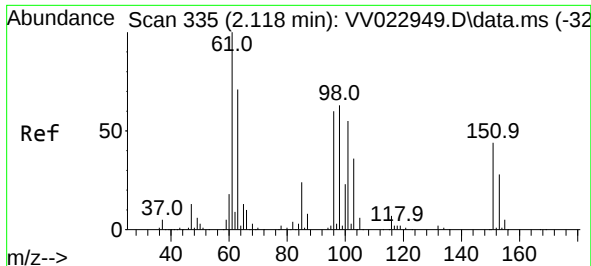
Tgt Ion: 64 Resp: 69275
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 41.783 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion:101 Resp: 166104
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5





#10

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

Concen: 39.482 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

Tgt Ion:101 Resp: 88849

Ion Ratio Lower Upper

101 100

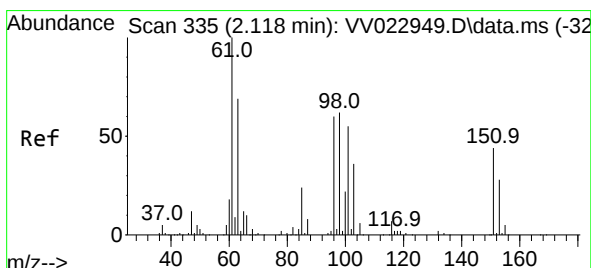
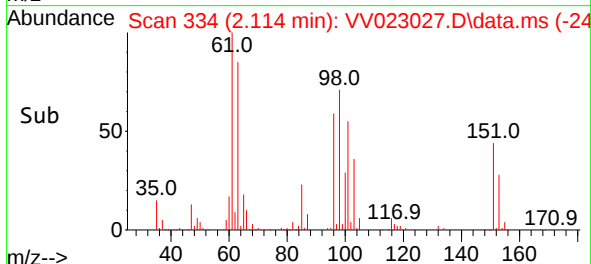
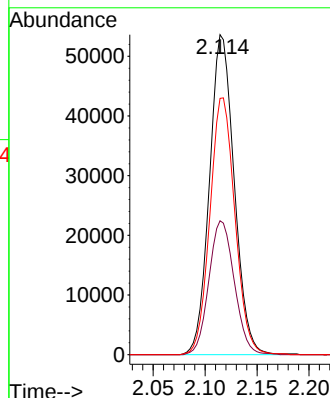
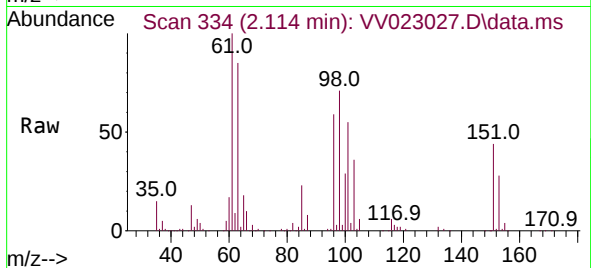
85 42.9 34.7 52.1

151 81.1 61.3 91.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 39.016 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

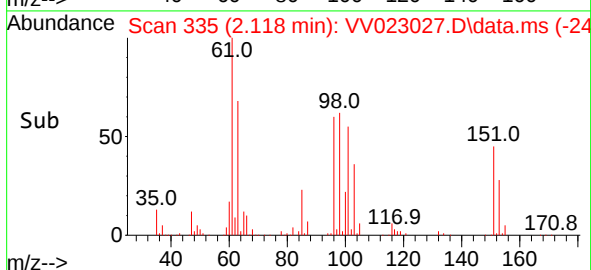
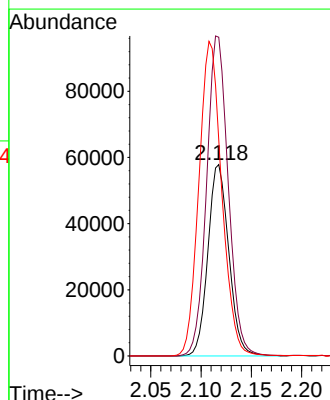
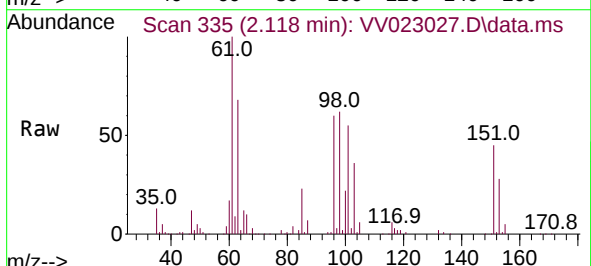
Tgt Ion: 96 Resp: 83683

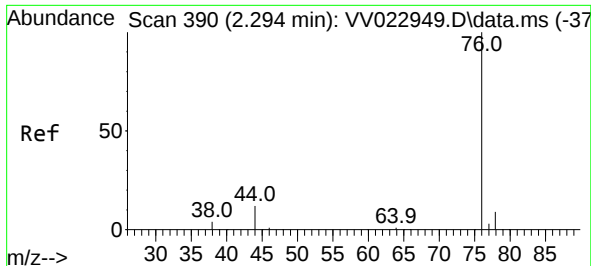
Ion Ratio Lower Upper

96 100

61 166.5 118.0 219.2

63 112.9 86.4 160.4

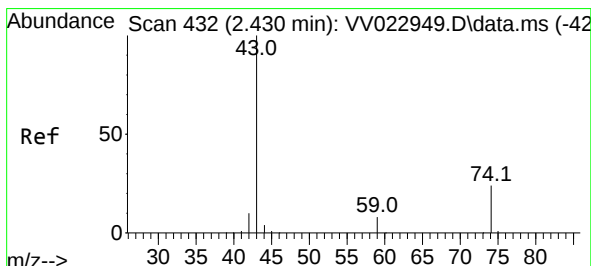
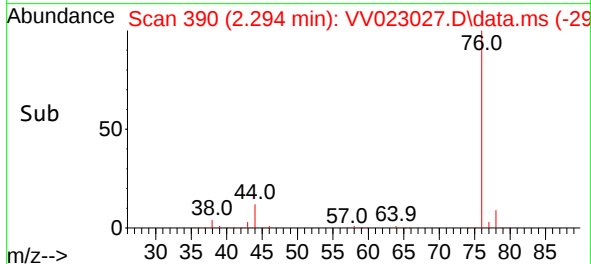
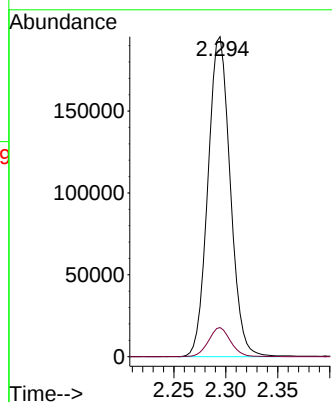
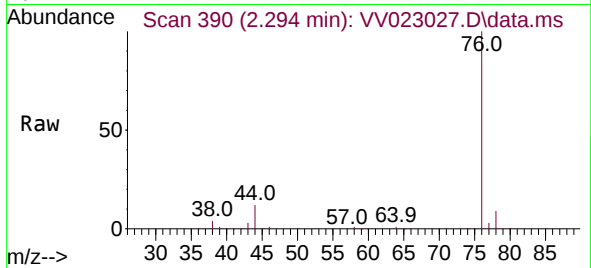




#14
Carbon disulfide
Concen: 44.958 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

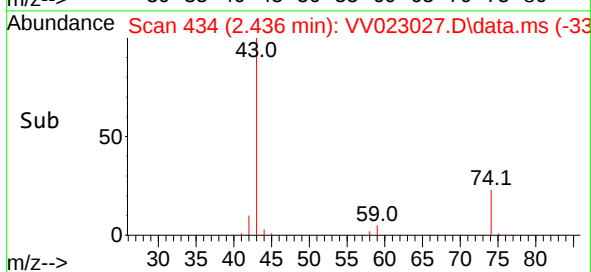
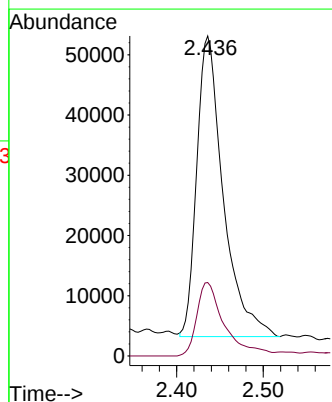
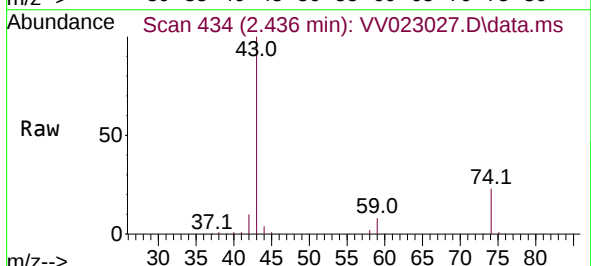
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MSVOA_V
ClientSampleId :

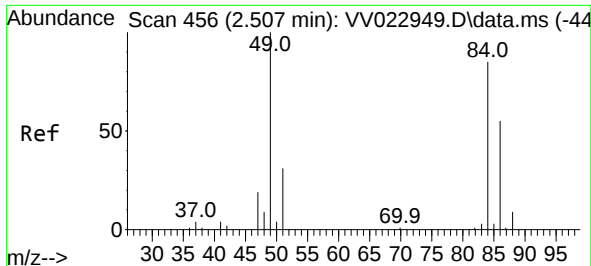
Tgt Ion: 76 Resp: 291285
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#15
Methyl Acetate
Concen: 44.004 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 43 Resp: 105993
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

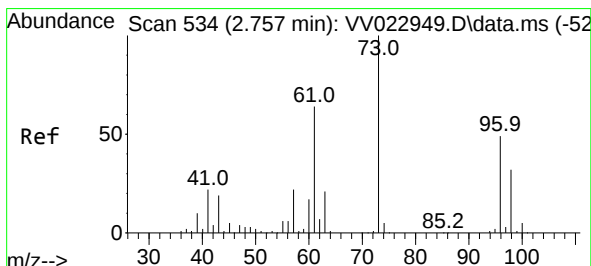
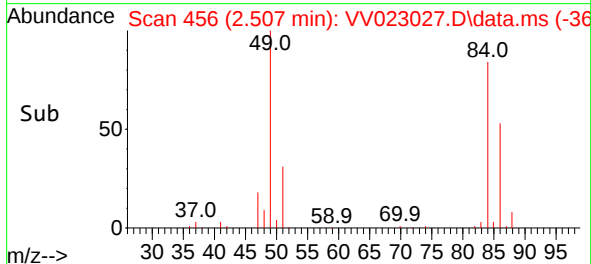
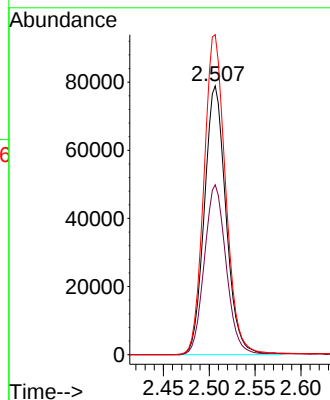
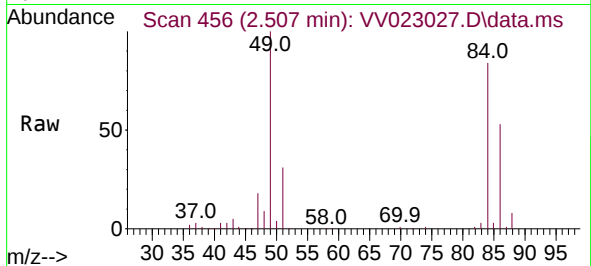




#16
Methylene chloride
Concen: 48.061 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

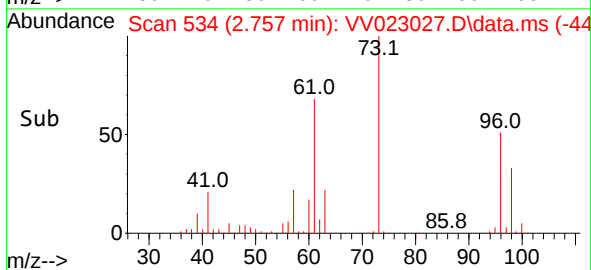
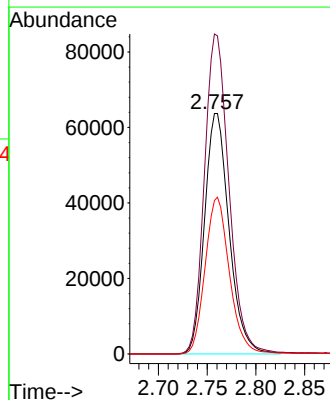
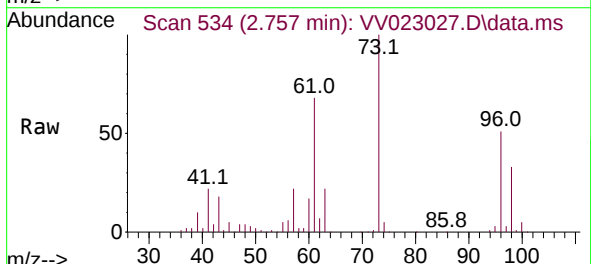
Instrument :
MSVOA_V
ClientSampled :

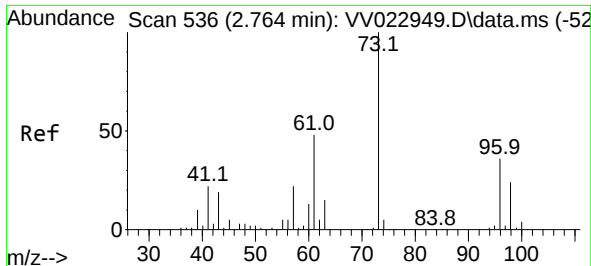
Tgt Ion:	84	Resp:	129513
Ion	Ratio	Lower	Upper
84	100		
86	63.2	45.6	84.6
49	119.1	82.7	153.7



#17
trans-1,2-Dichloroethene
Concen: 47.424 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion:	96	Resp:	111657
Ion	Ratio	Lower	Upper
96	100		
61	133.1	90.8	168.6
98	63.8	44.0	81.8



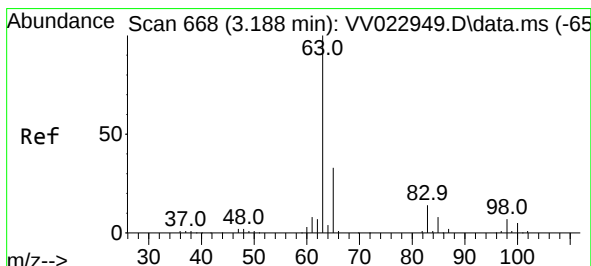
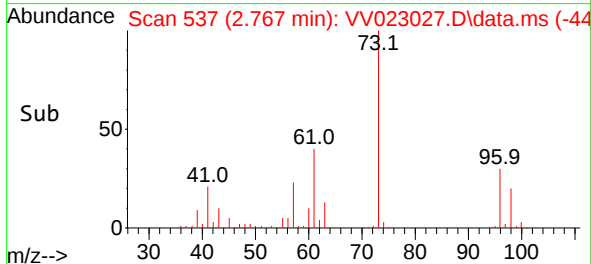
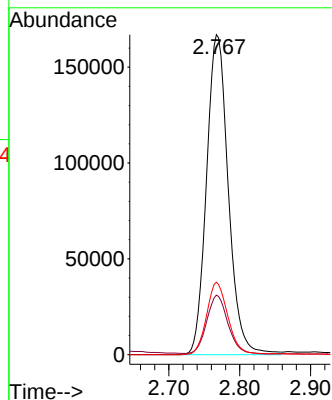
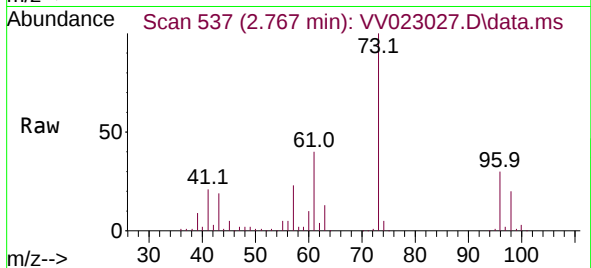


#18

Methyl tert-butyl Ether
 Concen: 49.169 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.003 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

Instrument :
 MSVOA_V
 ClientSampled :

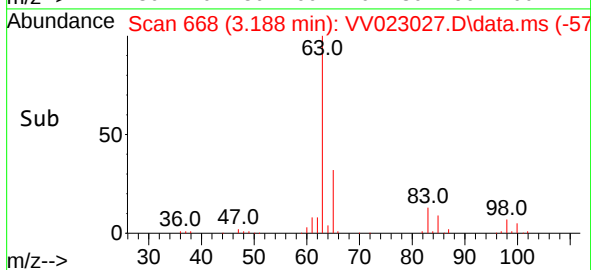
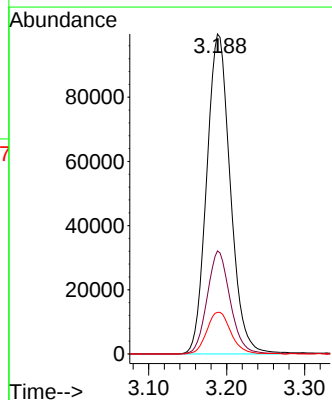
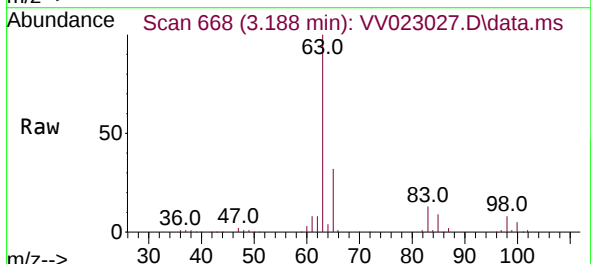
Tgt Ion: 73 Resp: 357407
 Ion Ratio Lower Upper
 73 100
 43 17.8 15.1 22.7
 57 22.1 17.6 26.4

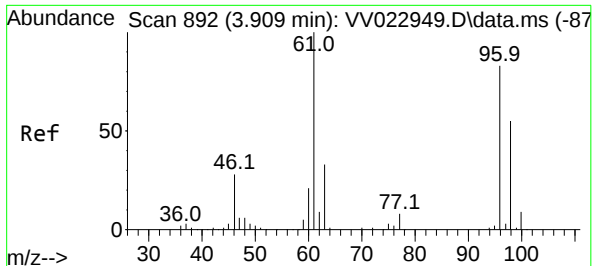


#19

1,1-Dichloroethane
 Concen: 50.379 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

Tgt Ion: 63 Resp: 209880
 Ion Ratio Lower Upper
 63 100
 65 32.2 22.9 42.5
 83 13.0 9.4 17.4

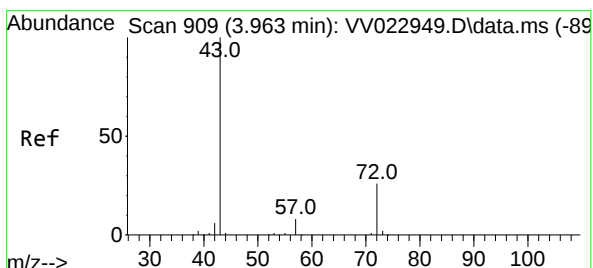
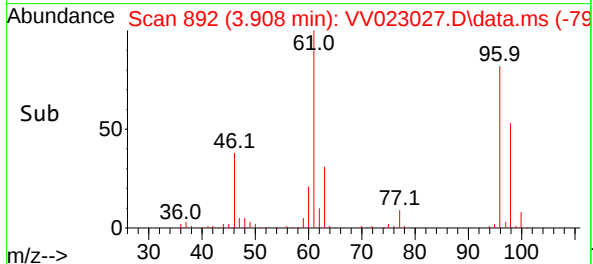
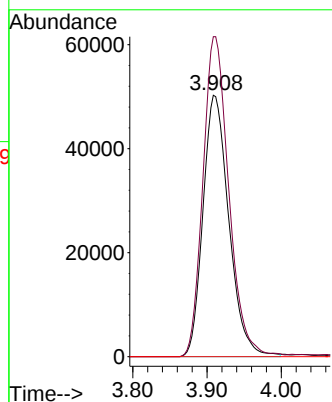
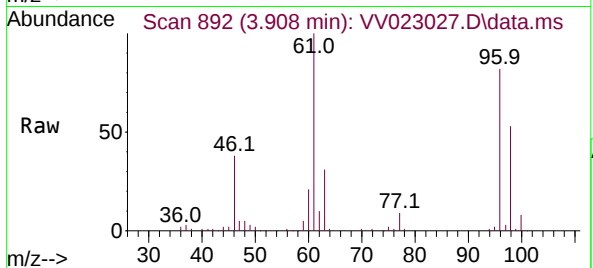




#20
cis-1,2-Dichloroethene
Concen: 48.539 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

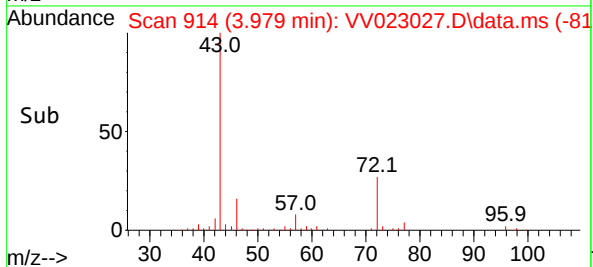
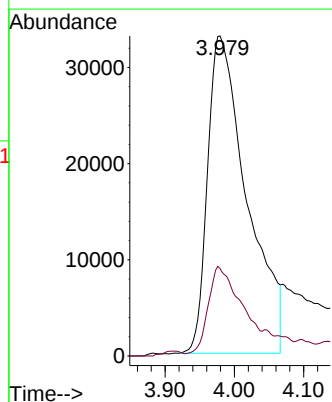
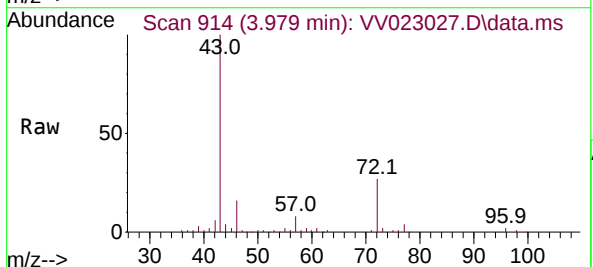
Instrument :
MSVOA_V
ClientSampled :

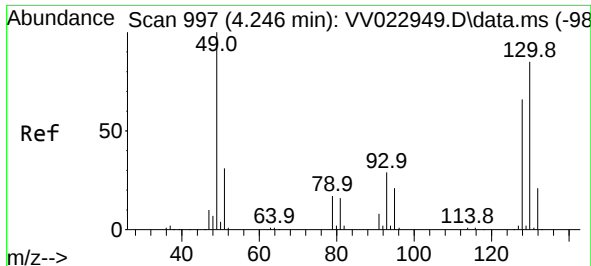
Tgt Ion: 96 Resp: 121751
Ion Ratio Lower Upper
96 100
61 122.4 81.9 152.1
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 75.083 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.016 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

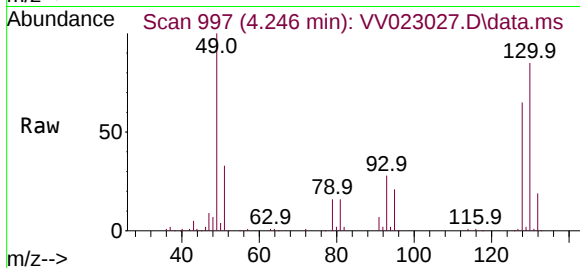
Tgt Ion: 43 Resp: 130539
Ion Ratio Lower Upper
43 100
72 23.1 10.0 29.8



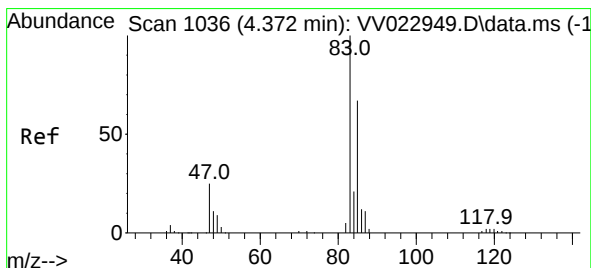
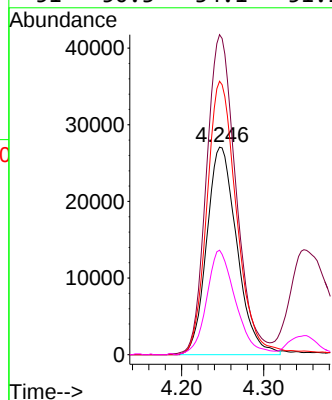
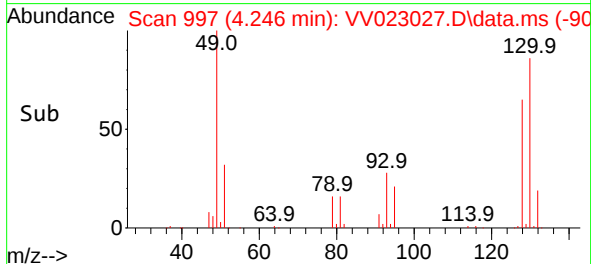


#23
Bromochloromethane
Concen: 50.128 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

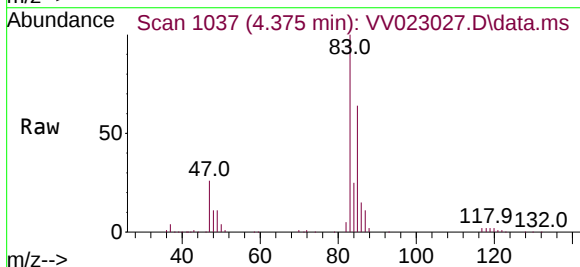
Instrument :
MSVOA_V
ClientSampleId :



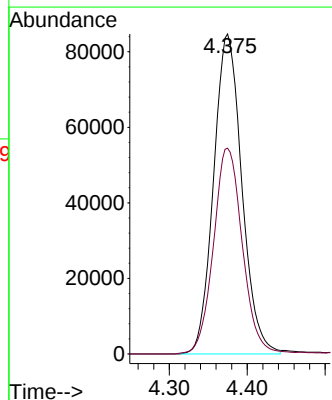
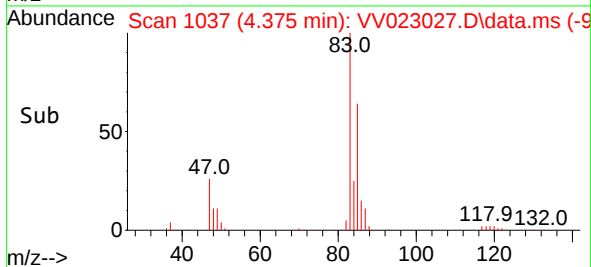
Tgt Ion:128 Resp: 69079
Ion Ratio Lower Upper
128 100
49 154.2 97.2 180.4
130 131.8 86.3 160.3
51 50.3 34.1 51.1

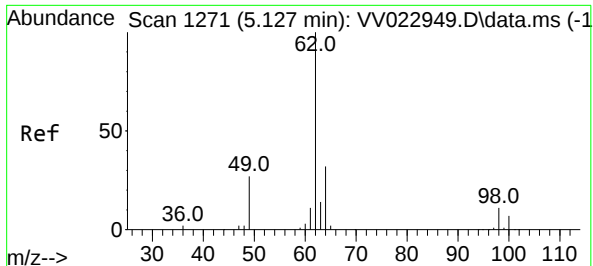


#25
Chloroform
Concen: 50.883 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13



Tgt Ion: 83 Resp: 213309
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.0





#27

1,2-Dichloroethane

Concen: 50.926 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV023027.D

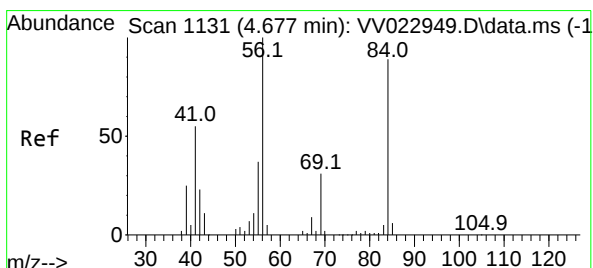
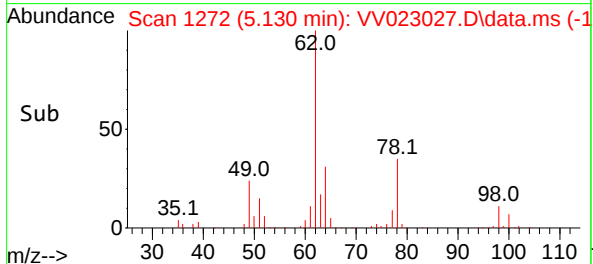
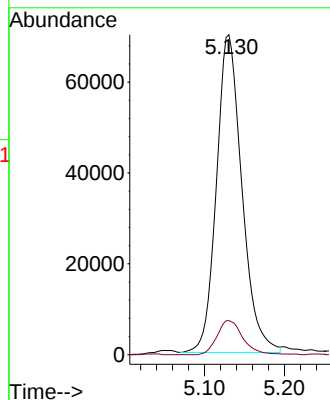
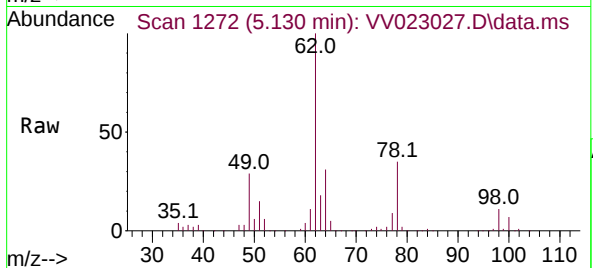
Acq: 25 Oct 2021 12:13

Tgt Ion: 62 Resp: 154592

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.4



#29

Cyclohexane

Concen: 49.918 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

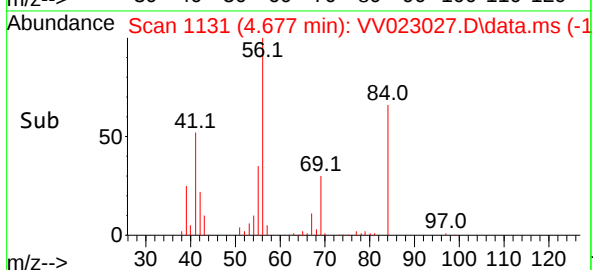
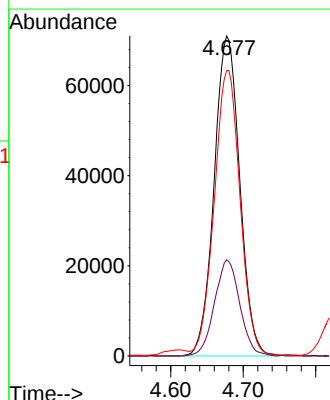
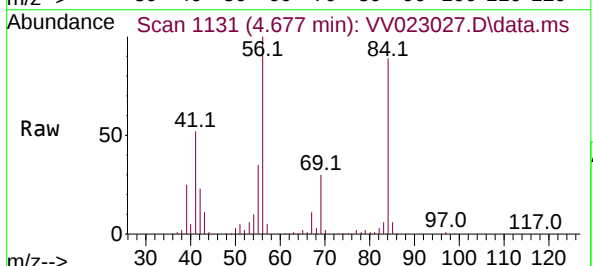
Tgt Ion: 56 Resp: 174317

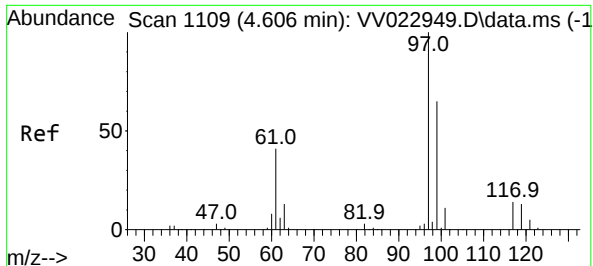
Ion Ratio Lower Upper

56 100

69 29.6 24.9 37.3

84 88.8 73.9 110.9

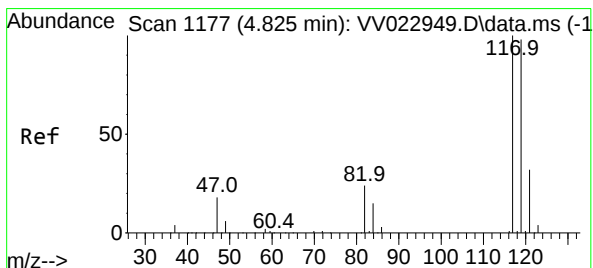
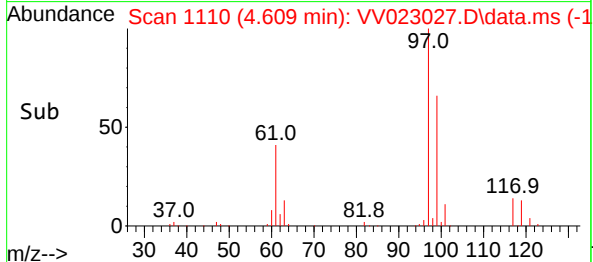
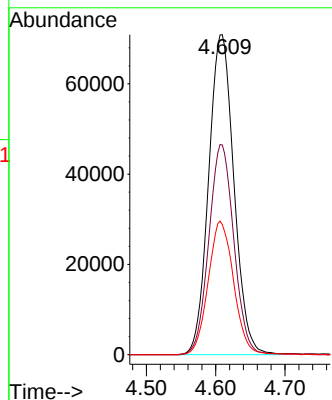
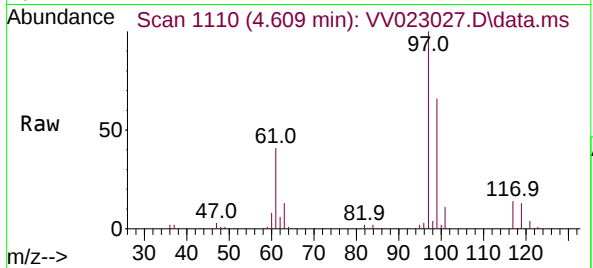




#30
1,1,1-Trichloroethane
Concen: 48.022 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

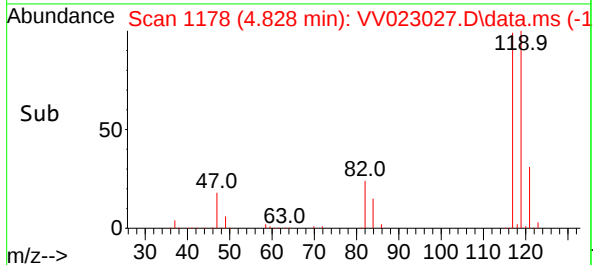
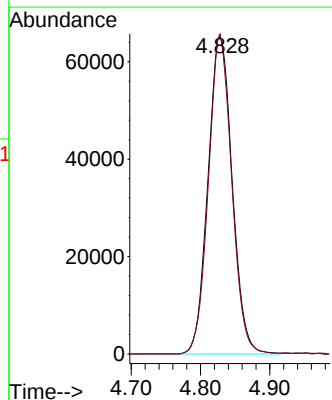
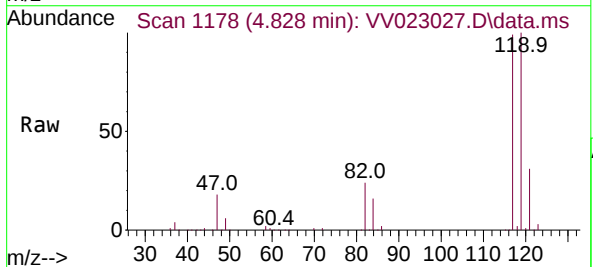
Instrument :
MSVOA_V
ClientSampled :

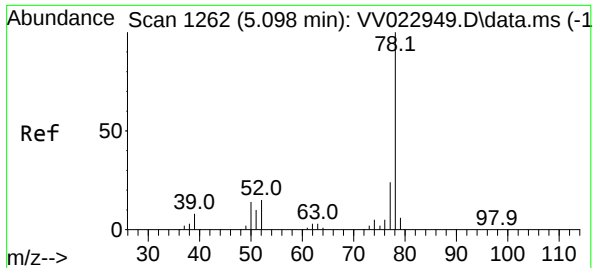
Tgt Ion: 97 Resp: 179723
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 41.7 32.9 49.3



#31
Carbon tetrachloride
Concen: 48.255 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 117 Resp: 158655
Ion Ratio Lower Upper
117 100
119 96.3 78.3 117.5

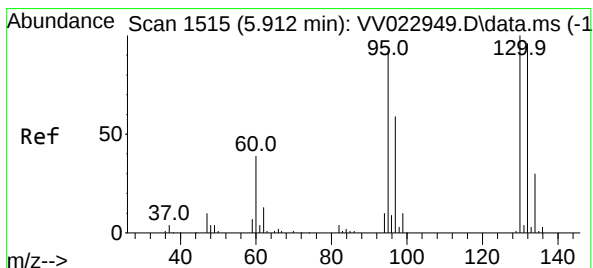
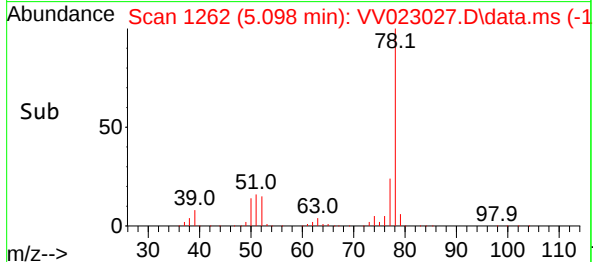
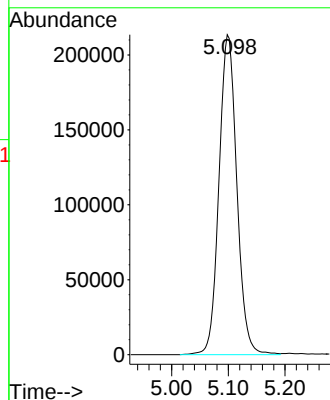
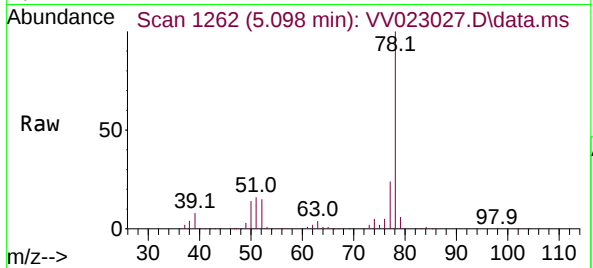




#33
Benzene
Concen: 50.474 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Instrument :
MSVOA_V
ClientSampled :

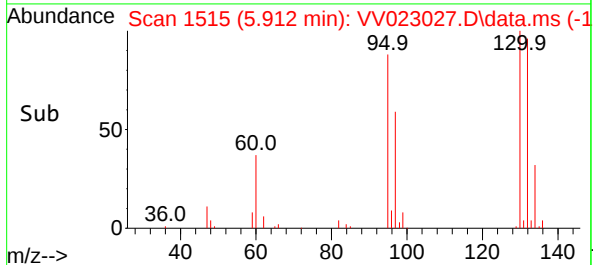
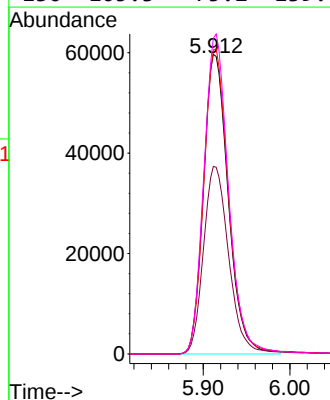
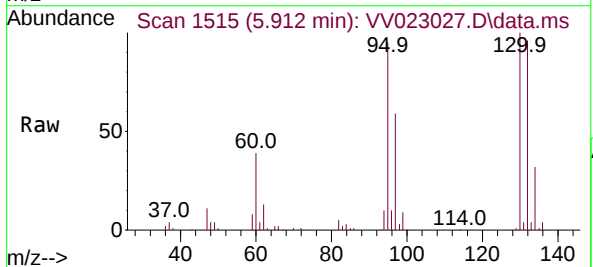
Tgt Ion: 78 Resp: 466914

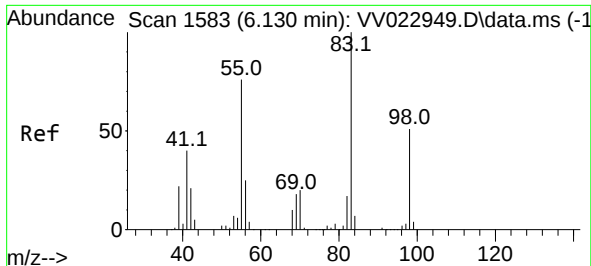


#34
Trichloroethene
Concen: 49.134 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 95 Resp: 118675

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.4	84.4
132	101.4	71.5	132.9
130	105.3	75.2	139.6

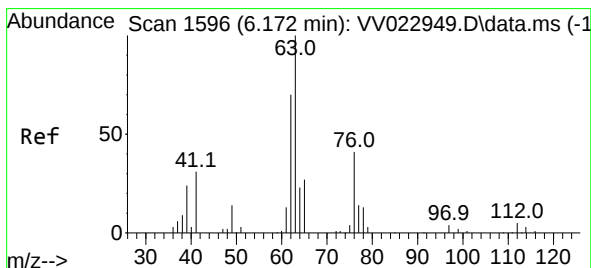
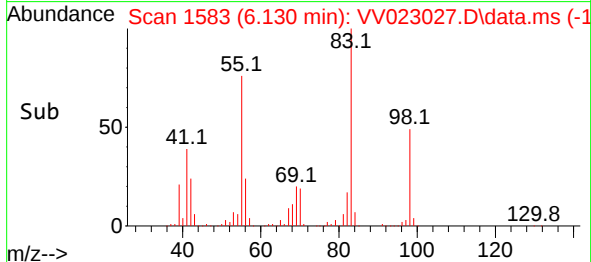
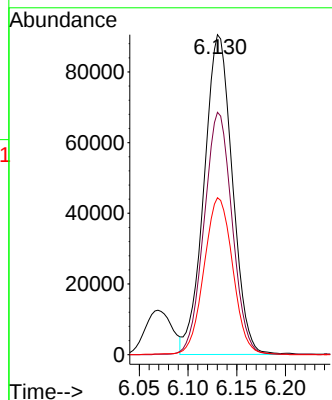
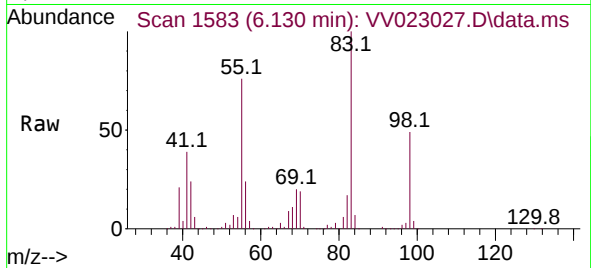




#35
Methylcyclohexane
Concen: 49.976 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

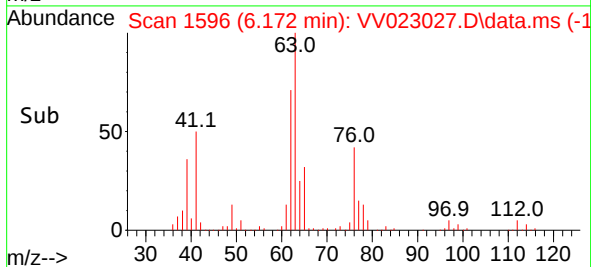
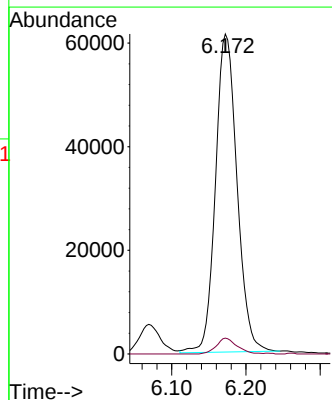
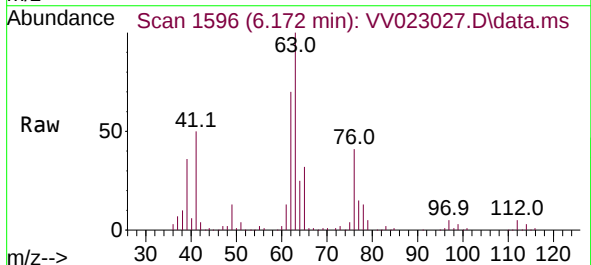
Instrument :
MSVOA_V
ClientSampled :

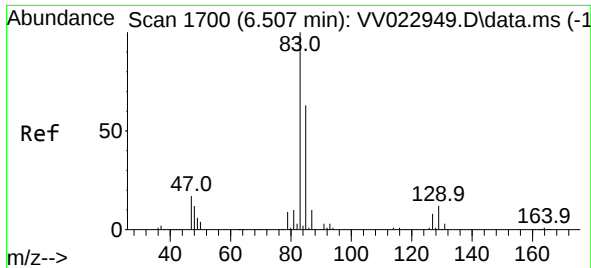
Tgt Ion: 83 Resp: 183029
Ion Ratio Lower Upper
83 100
55 75.3 56.7 85.1
98 49.8 40.6 60.8



#37
1,2-Dichloropropane
Concen: 52.277 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 63 Resp: 123815
Ion Ratio Lower Upper
63 100
112 4.7 4.1 6.1

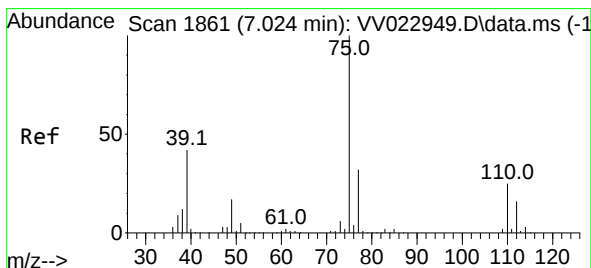
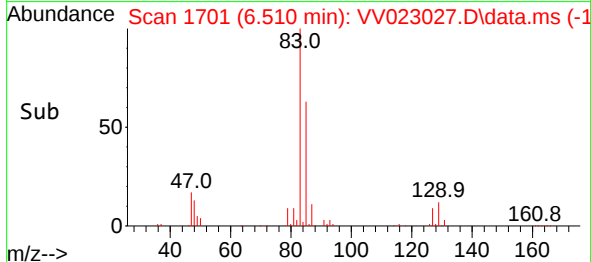
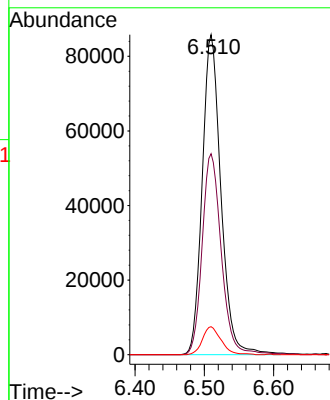
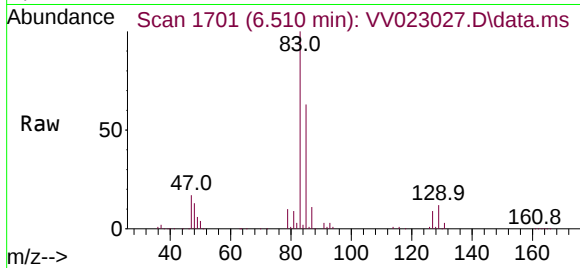




#38
Bromodichloromethane
Concen: 52.282 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

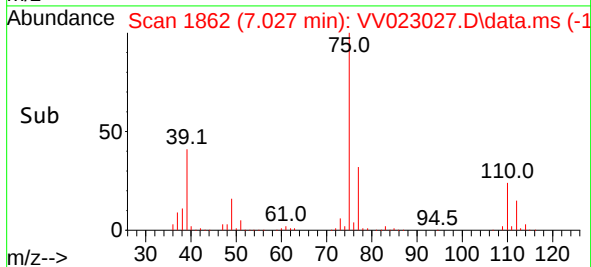
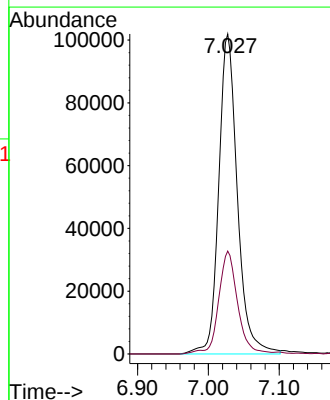
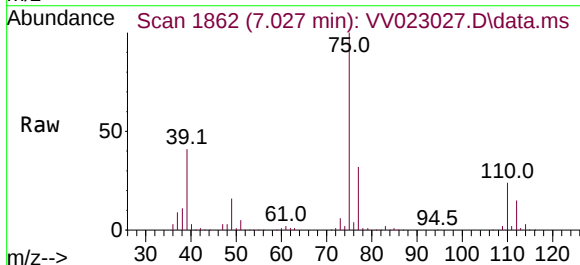
Instrument :
MSVOA_V
ClientSampled :

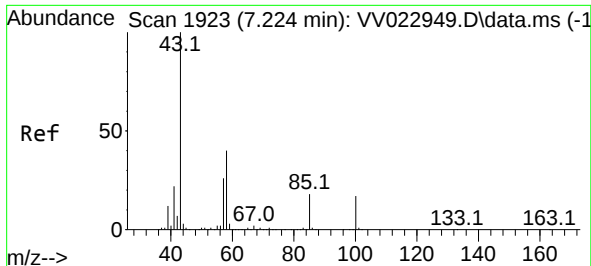
Tgt Ion: 83 Resp: 160844
Ion Ratio Lower Upper
83 100
85 62.8 46.3 86.1
127 8.8 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 52.317 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 75 Resp: 186350
Ion Ratio Lower Upper
75 100
77 32.2 21.6 40.2

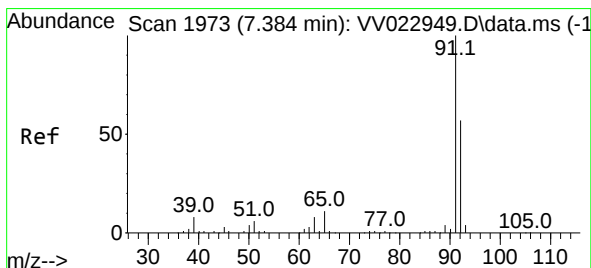
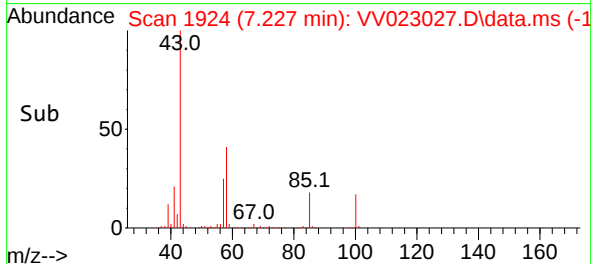
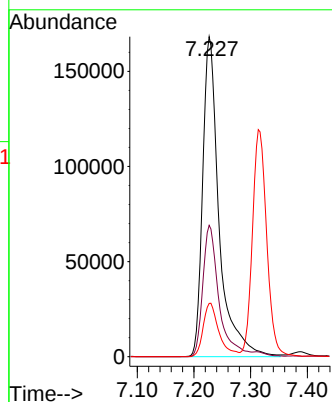
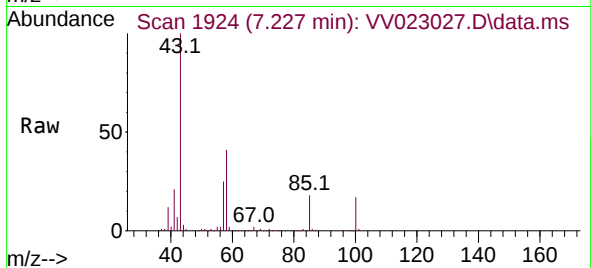




#40
4-Methyl-2-pentanone
Concen: 101.826 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

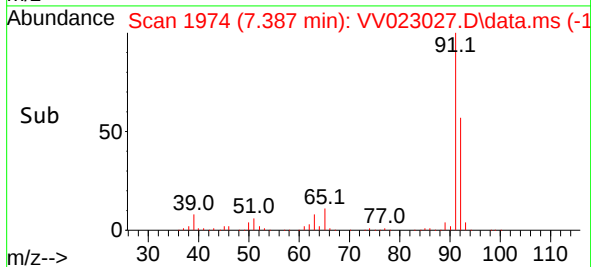
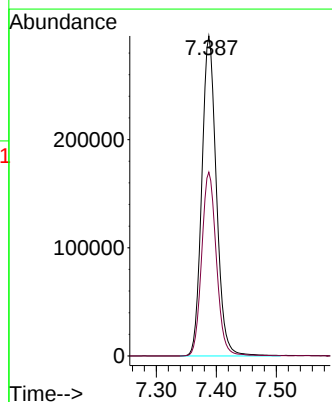
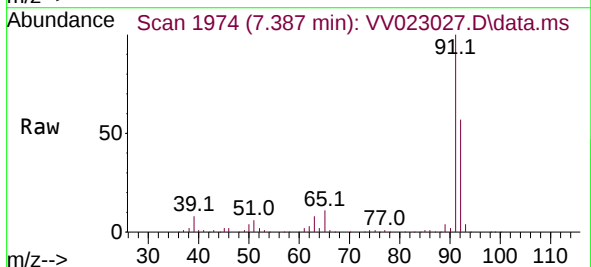
Instrument :
MSVOA_V
ClientSampleId :

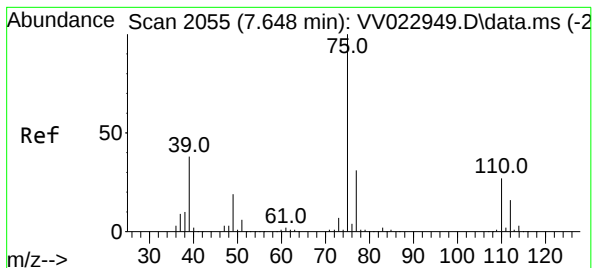
Tgt Ion: 43 Resp: 338866
Ion Ratio Lower Upper
43 100
58 40.4 32.5 48.7
100 16.2 13.9 20.9



#42
Toluene
Concen: 51.474 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 91 Resp: 501588
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4



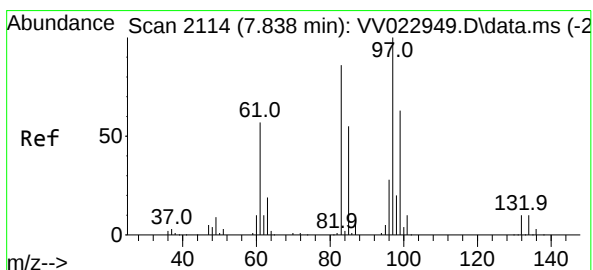
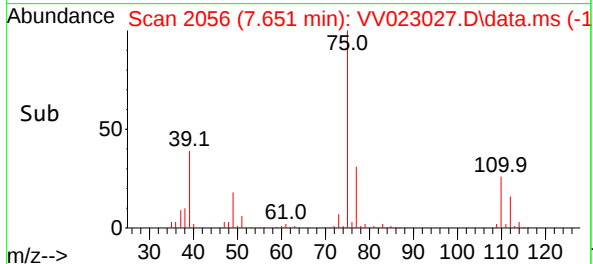
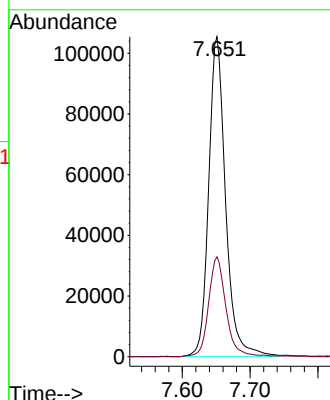
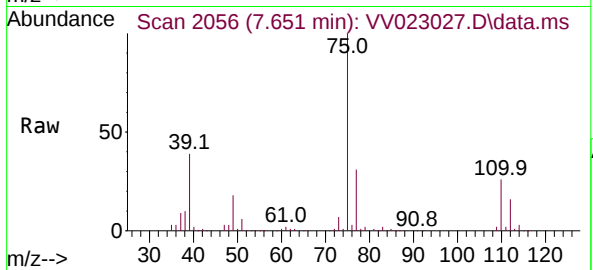


#44

trans-1,3-Dichloropropene
Concen: 53.293 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Instrument :
MSVOA_V
ClientSampled :

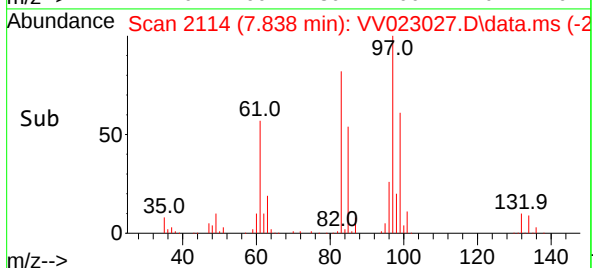
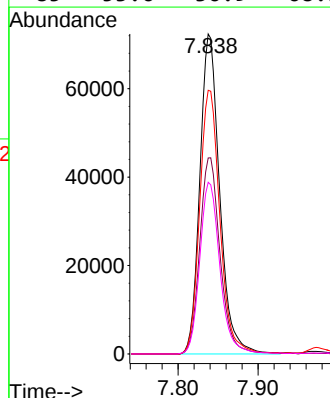
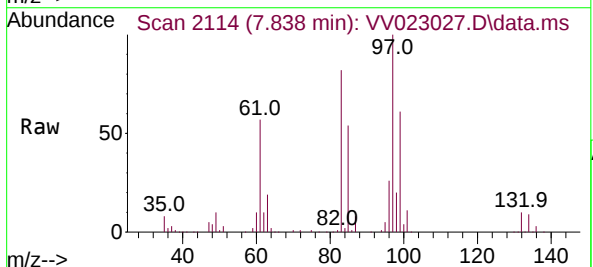
Tgt Ion: 75 Resp: 182766
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8

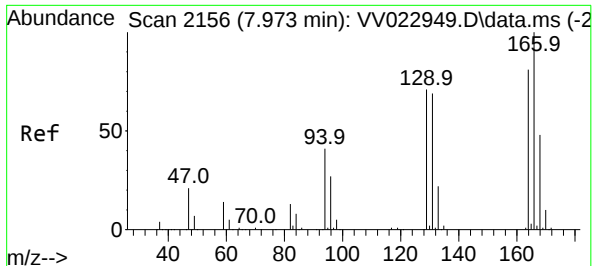


#45

1,1,2-Trichloroethane
Concen: 51.014 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 97 Resp: 125070
Ion Ratio Lower Upper
97 100
99 61.2 43.1 80.1
83 82.4 58.6 108.8
85 53.6 36.9 68.5



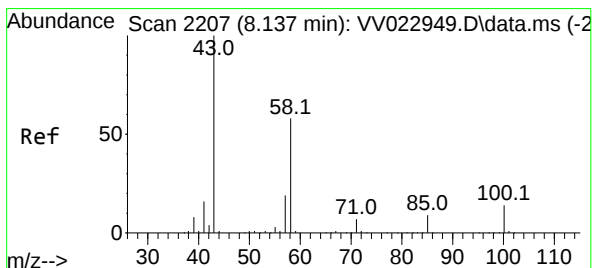
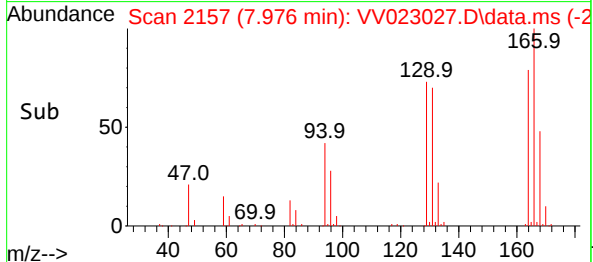
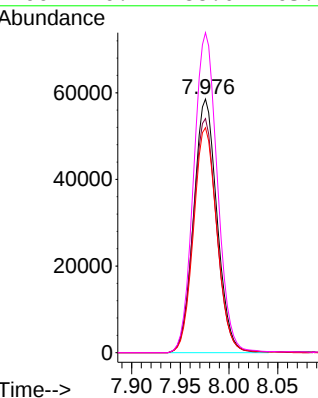
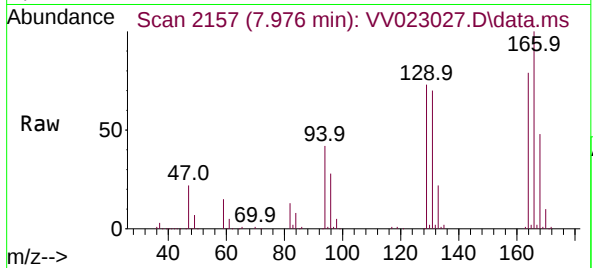


#46
Tetrachloroethene
Concen: 48.425 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 97915

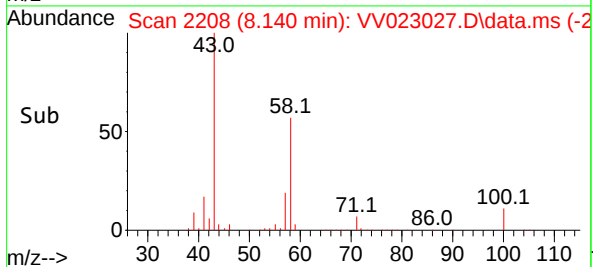
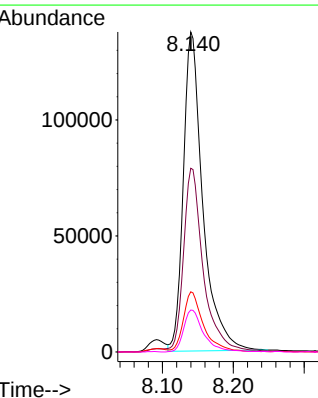
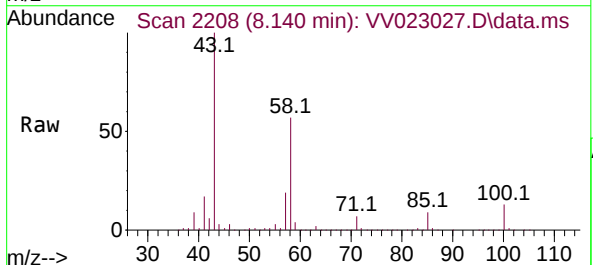
Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.6	120.0
131	88.7	59.9	111.3
166	126.2	88.0	163.4

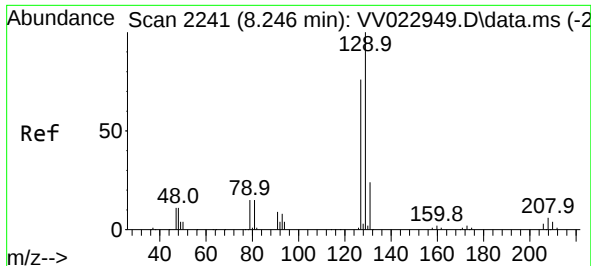


#48
2-Hexanone
Concen: 103.310 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 43 Resp: 262952

Ion	Ratio	Lower	Upper
43	100		
58	56.9	47.0	70.4
57	19.6	15.8	23.6
100	13.5	11.8	17.6





#49

Dibromochloromethane

Concen: 52.448 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

Tgt Ion:129 Resp: 139154

Ion Ratio Lower Upper

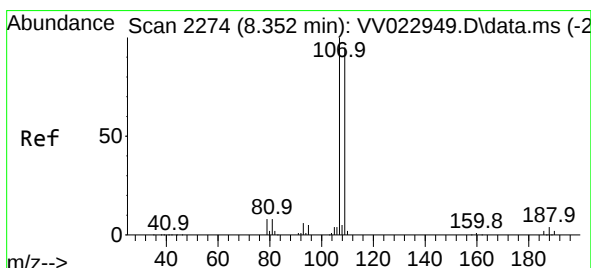
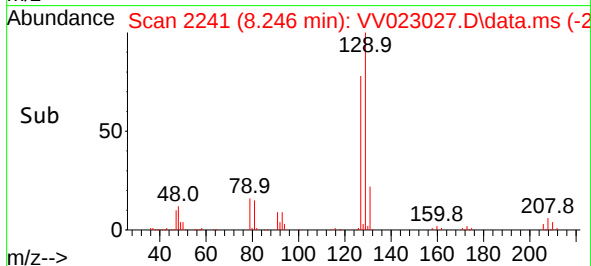
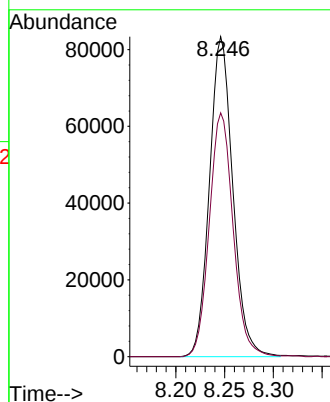
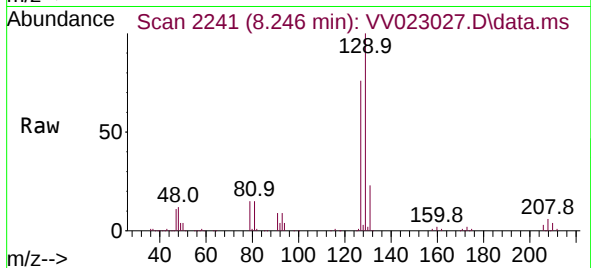
129 100

127 76.2 53.5 99.5

Instrument :

MSVOA_V

ClientSampled :



#50

1,2-Dibromoethane

Concen: 50.935 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

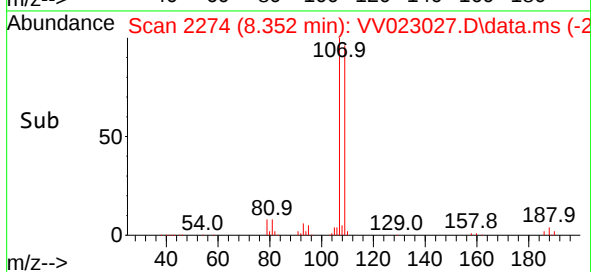
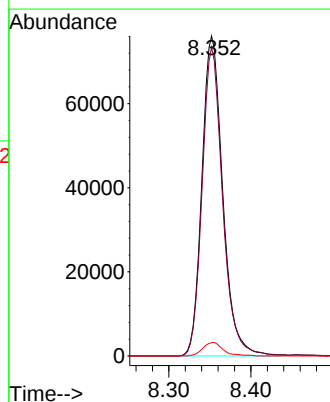
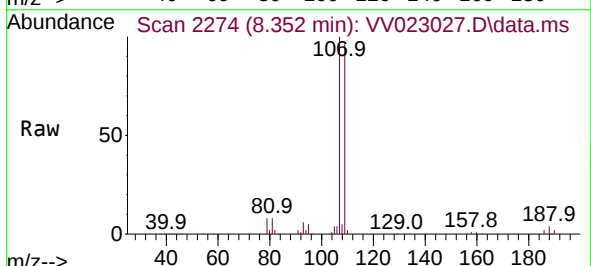
Tgt Ion:107 Resp: 134452

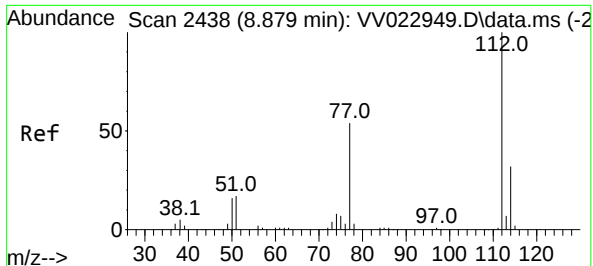
Ion Ratio Lower Upper

107 100

109 96.5 64.8 120.3

188 4.3 3.2 4.8

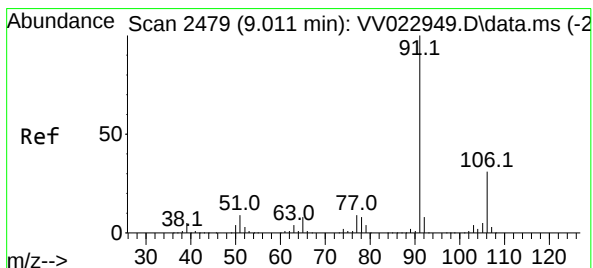
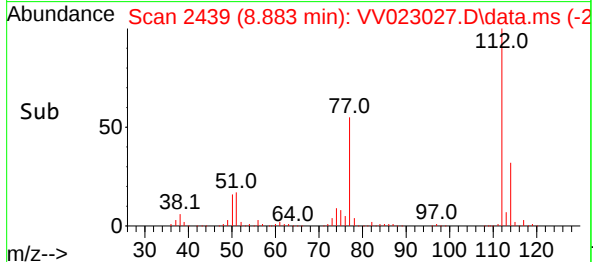
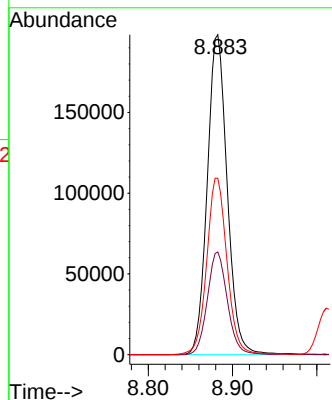
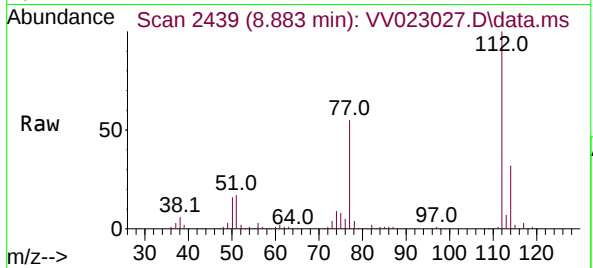




#51
Chlorobenzene
Concen: 50.330 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

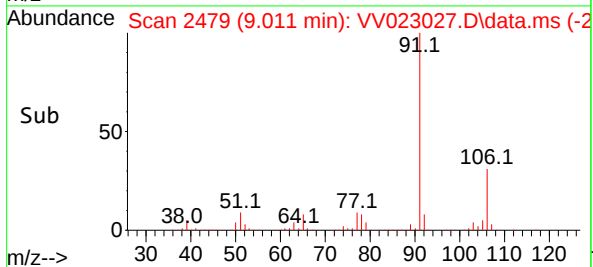
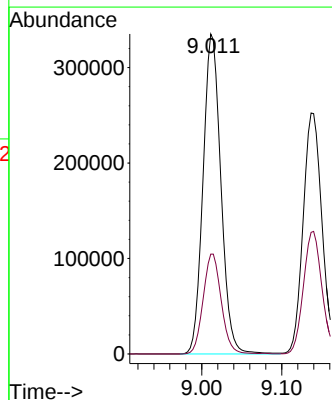
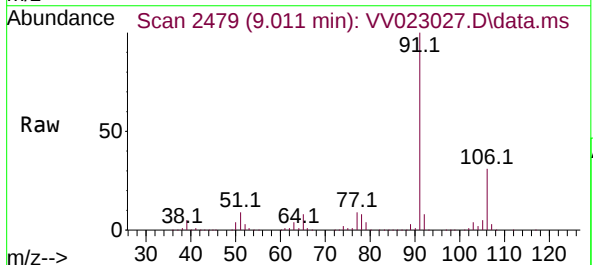
Instrument :
MSVOA_V
ClientSampleId :

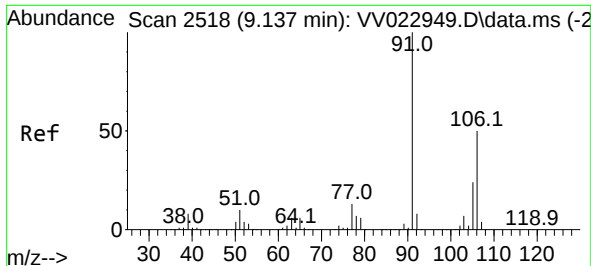
Tgt Ion:112 Resp: 326211
Ion Ratio Lower Upper
112 100
114 32.1 22.0 40.8
77 55.2 44.0 66.0



#52
Ethylbenzene
Concen: 51.514 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 91 Resp: 522436
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0

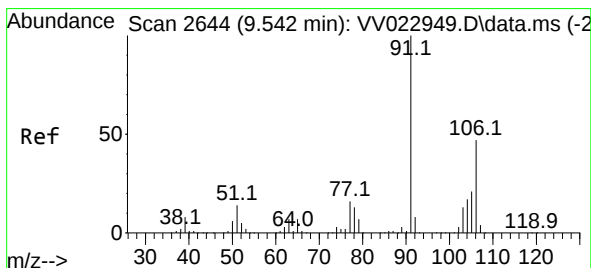
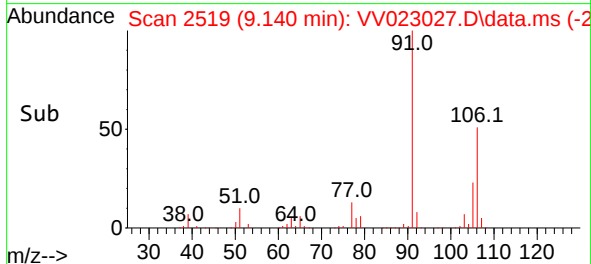
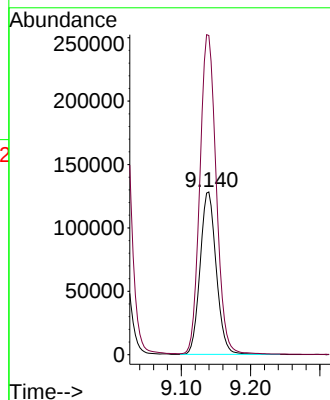
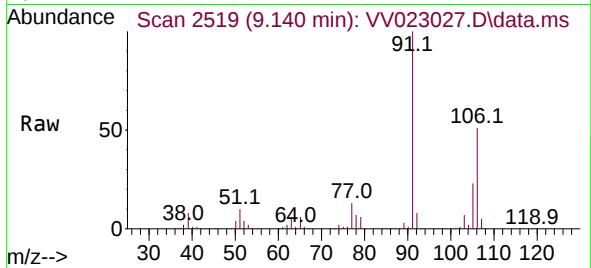




#53
m,p-Xylene
Concen: 51.516 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

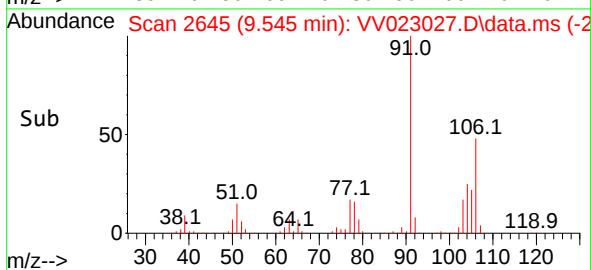
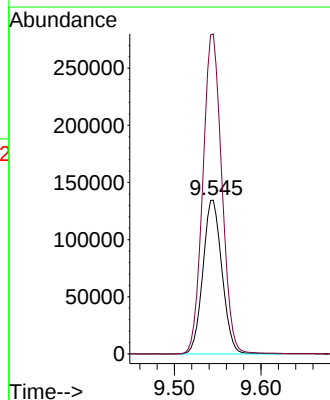
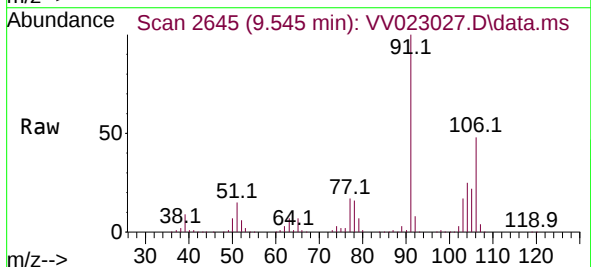
Instrument :
MSVOA_V
ClientSampled :

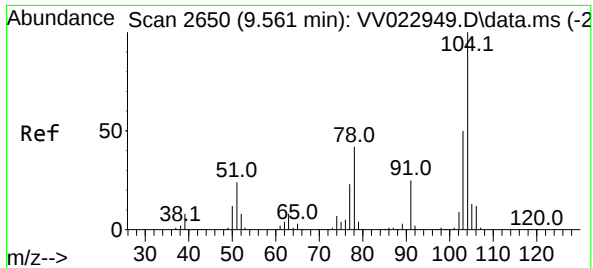
Tgt Ion:106 Resp: 206997
Ion Ratio Lower Upper
106 100
91 196.1 139.4 258.8



#54
o-Xylene
Concen: 52.599 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion:106 Resp: 205911
Ion Ratio Lower Upper
106 100
91 208.1 148.7 276.1

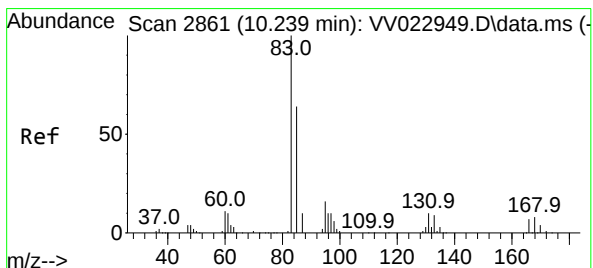
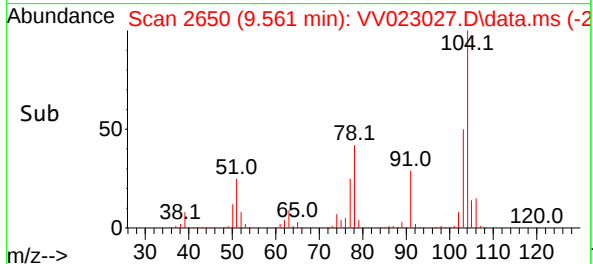
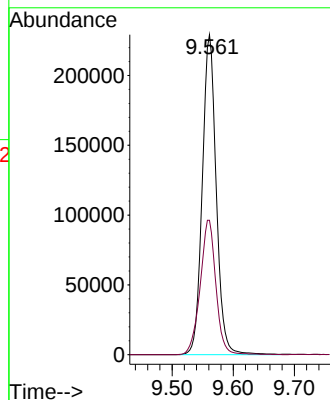
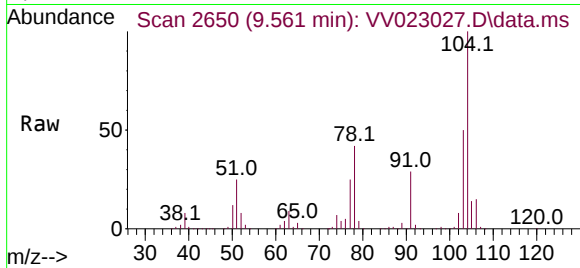




#55
Styrene
Concen: 54.143 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

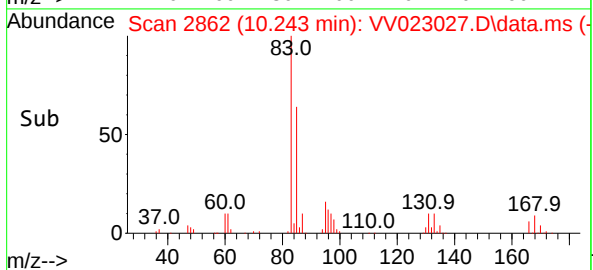
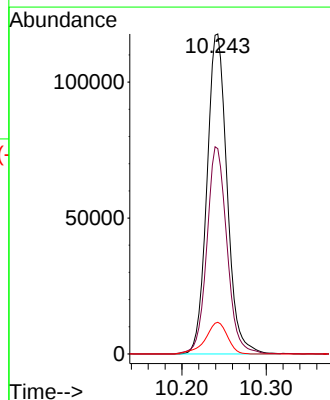
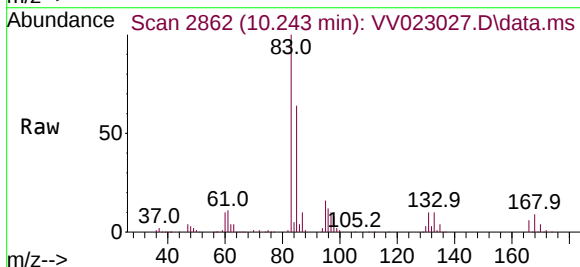
Instrument :
MSVOA_V
ClientSampled :

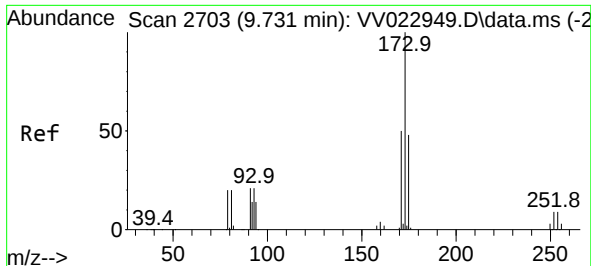
Tgt Ion:104 Resp: 363735
Ion Ratio Lower Upper
104 100
78 42.0 30.6 56.8



#57
1,1,2,2-Tetrachloroethane
Concen: 51.539 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 83 Resp: 195297
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0
131 9.9 8.2 12.4





#59

Bromoform

Concen: 50.205 ug/L

RT: 9.731 min Scan# 2703

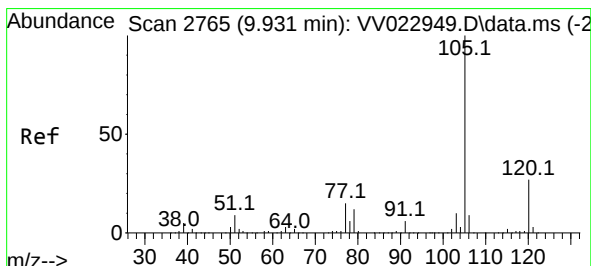
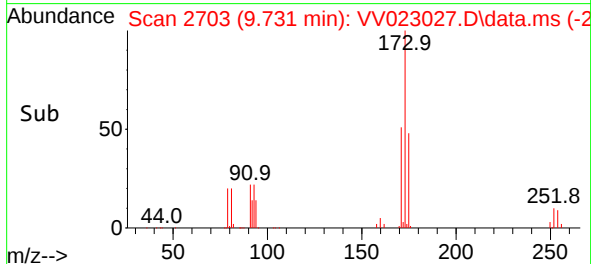
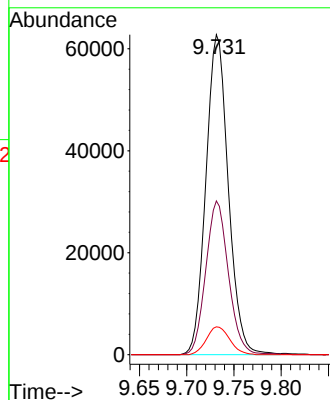
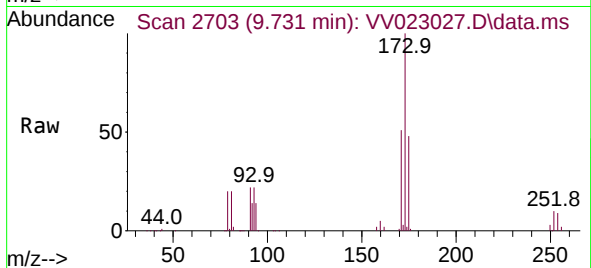
Delta R.T. -0.000 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

Tgt Ion:173	Resp:	103513
Ion Ratio	Lower	Upper
173	100	
175	48.6	38.3 57.5
254	9.1	7.0 10.6

Instrument :
MSVOA_V
ClientSampleId :



#60

Isopropylbenzene

Concen: 49.555 ug/L

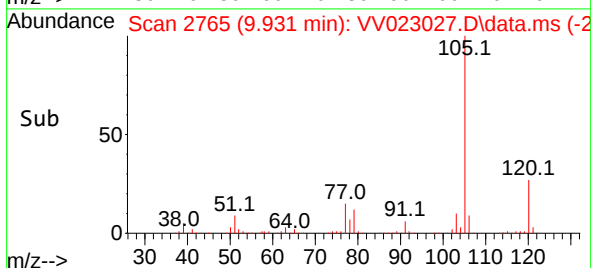
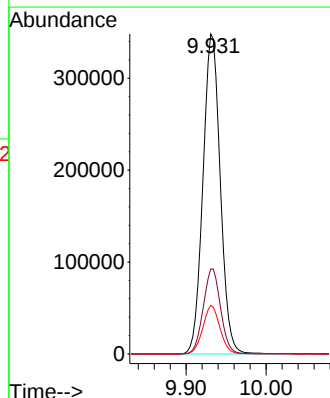
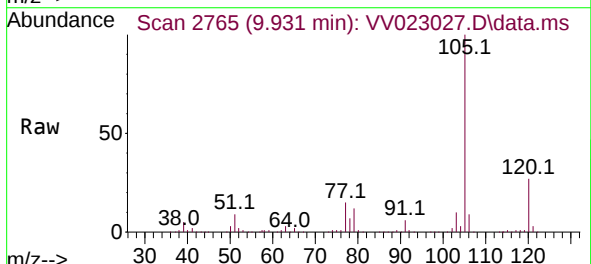
RT: 9.931 min Scan# 2765

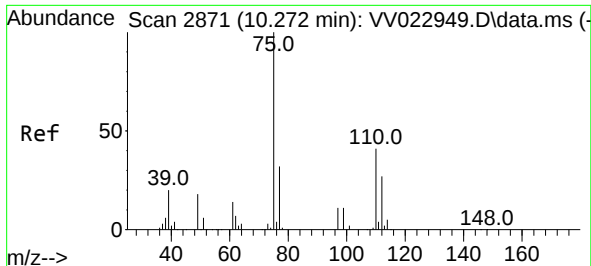
Delta R.T. -0.000 min

Lab File: VV023027.D

Acq: 25 Oct 2021 12:13

Tgt Ion:105	Resp:	525725
Ion Ratio	Lower	Upper
105	100	
120	26.6	21.6 32.4
77	15.0	12.0 18.0

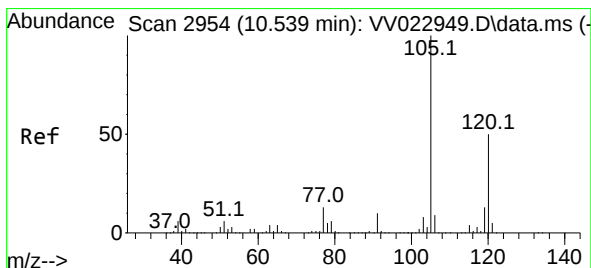
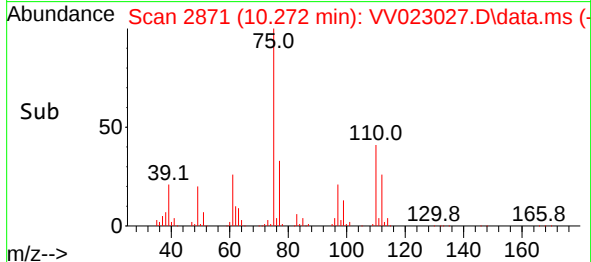
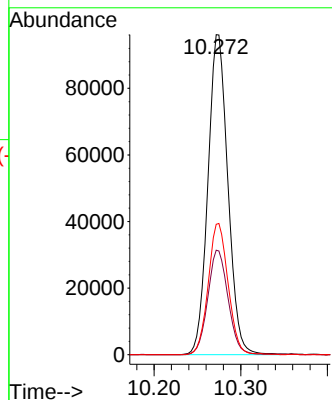
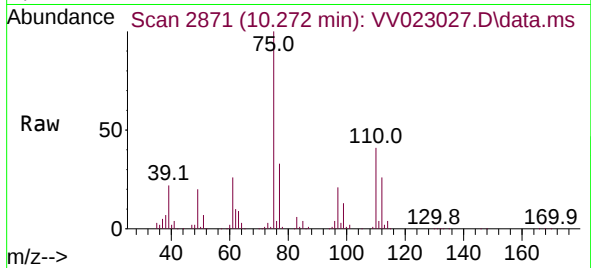




#61
1,2,3-Trichloropropane
Concen: 48.444 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

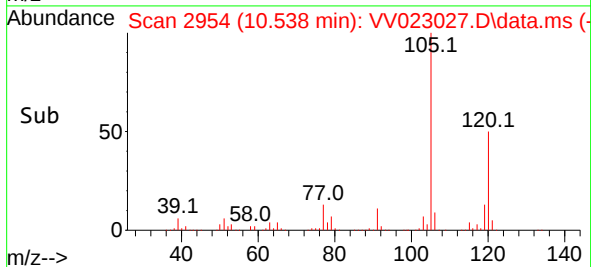
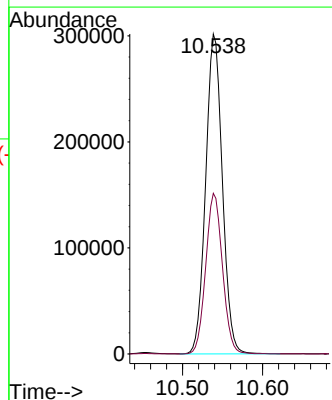
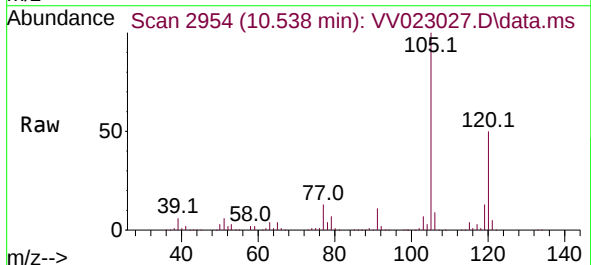
Instrument :
MSVOA_V
ClientSampled :

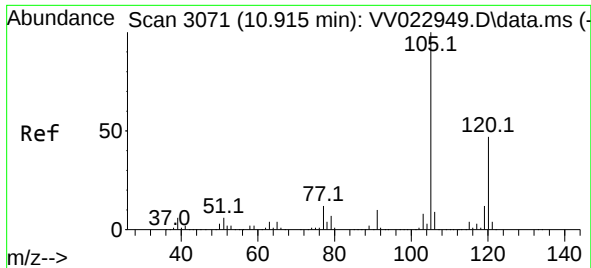
Tgt Ion: 75 Resp: 153621
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0
110 40.8 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 49.118 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion: 105 Resp: 438750
Ion Ratio Lower Upper
105 100
120 50.4 39.7 59.5

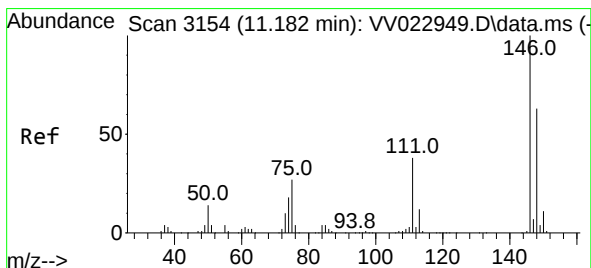
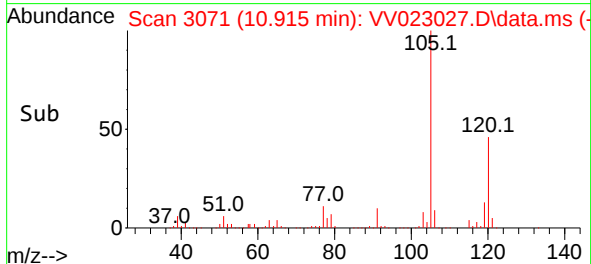
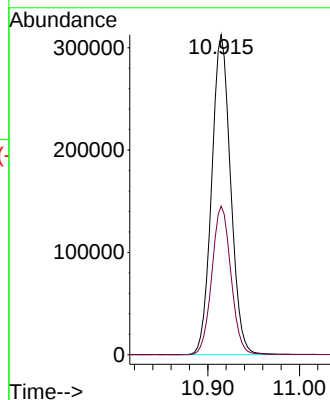
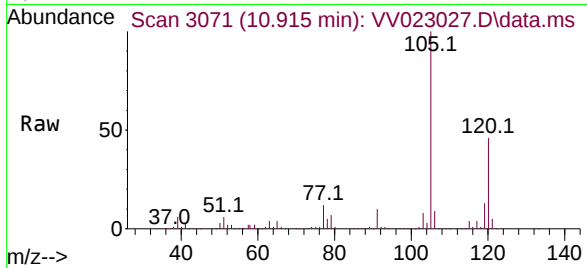




#63
1,2,4-Trimethylbenzene
Concen: 50.547 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

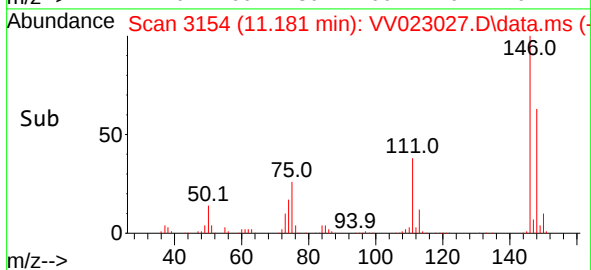
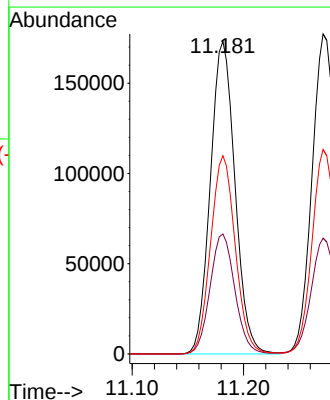
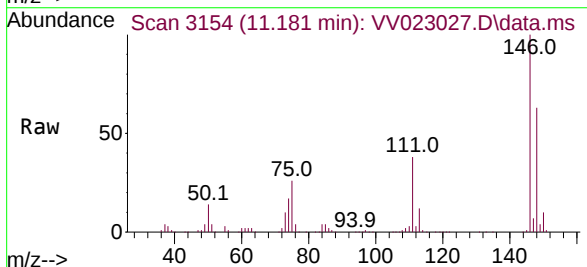
Instrument :
MSVOA_V
ClientSampled :

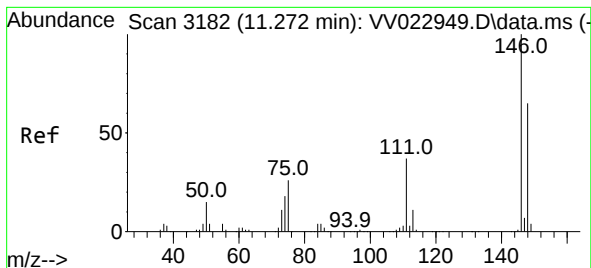
Tgt Ion:105 Resp: 448857
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0



#64
1,3-Dichlorobenzene
Concen: 49.476 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion:146 Resp: 266293
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.3
148 63.4 44.6 82.8

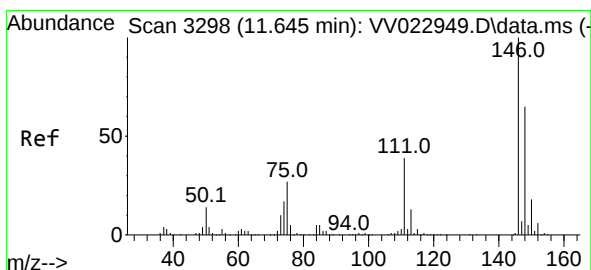
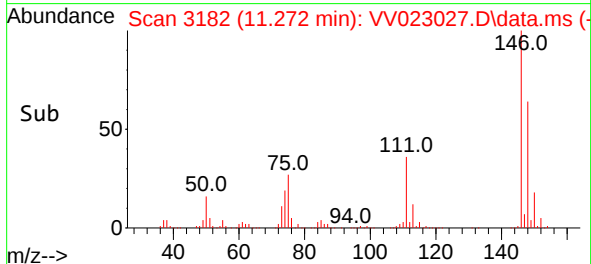
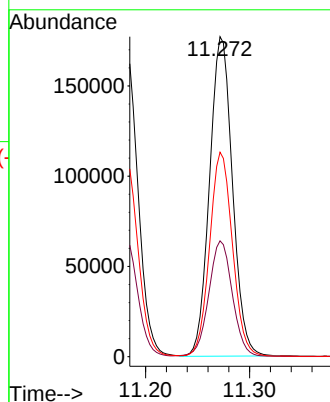
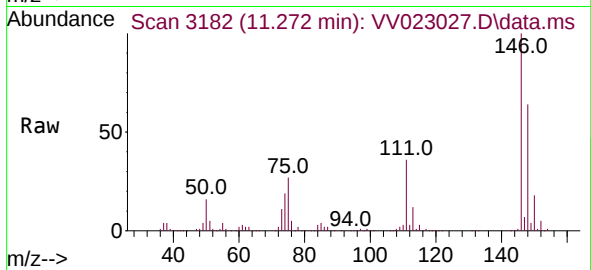




#65
1,4-Dichlorobenzene
Concen: 48.487 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

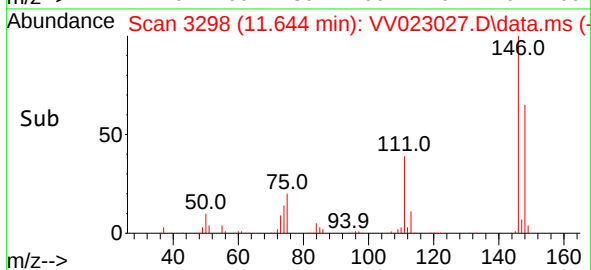
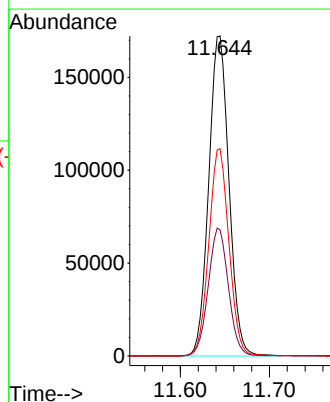
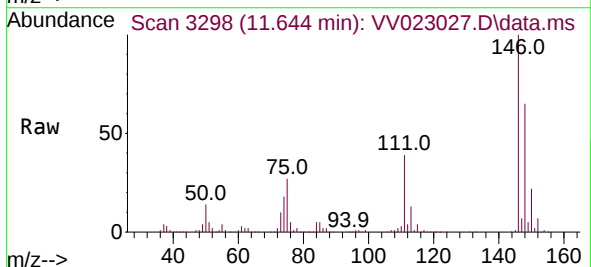
Instrument :
MSVOA_V
ClientSampleId :

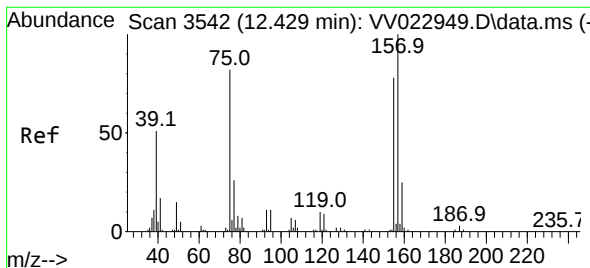
Tgt Ion:146 Resp: 271029
Ion Ratio Lower Upper
146 100
111 36.2 25.5 47.3
148 63.9 43.9 81.5



#67
1,2-Dichlorobenzene
Concen: 49.334 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

Tgt Ion:146 Resp: 271355
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 64.8 50.4 75.6

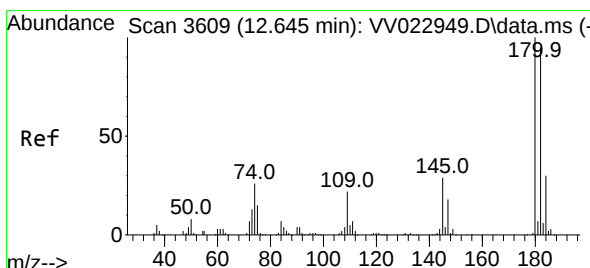
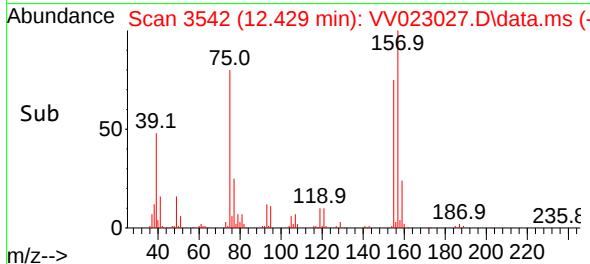
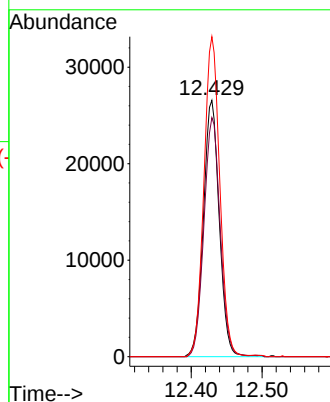
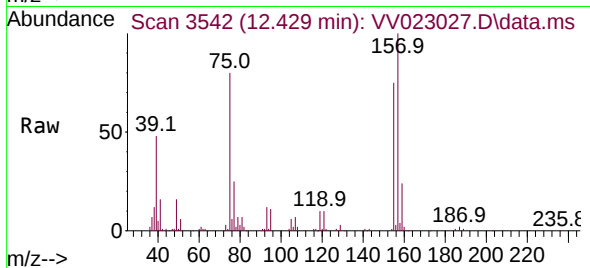




#68
 1,2-Dibromo-3-chloropropane
 Concen: 47.533 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

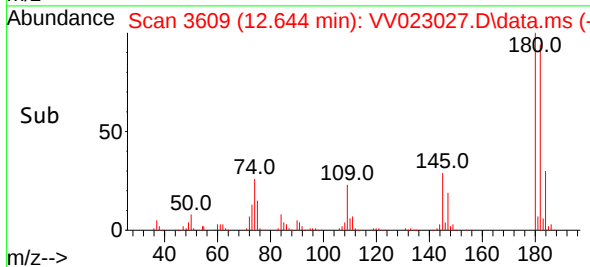
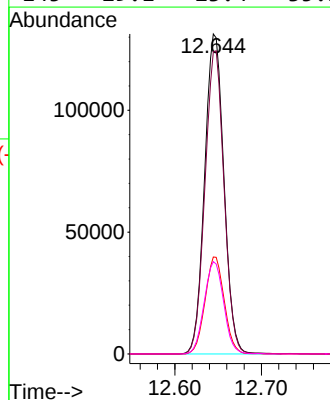
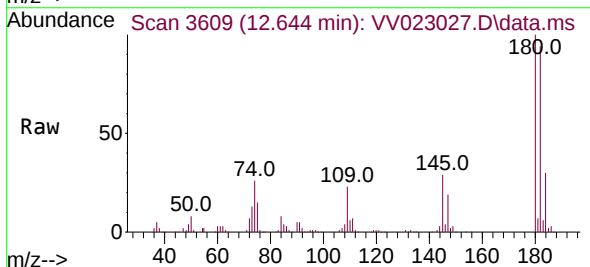
Instrument :
 MSVOA_V
 ClientSampleId :

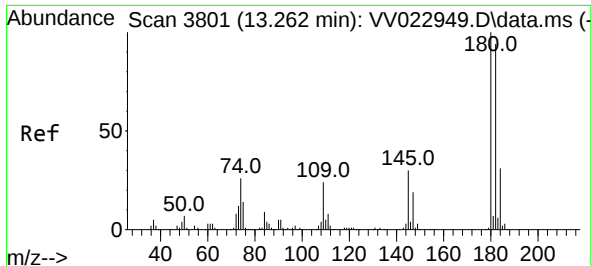
Tgt Ion: 75 Resp: 41298
 Ion Ratio Lower Upper
 75 100
 155 93.2 79.1 118.7
 157 124.8 104.2 156.2



#69
 1,3,5-Trichlorobenzene
 Concen: 50.742 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

Tgt Ion: 180 Resp: 202924
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.0 112.4
 184 30.2 23.6 35.4
 145 29.1 23.4 35.2

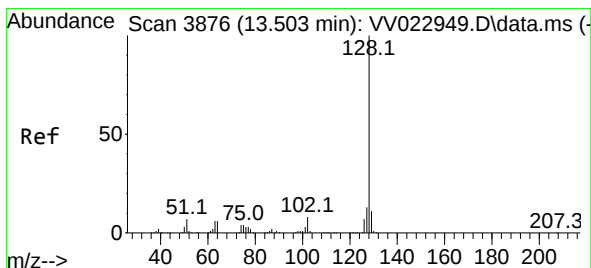
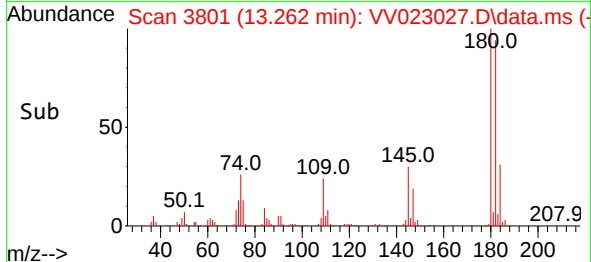
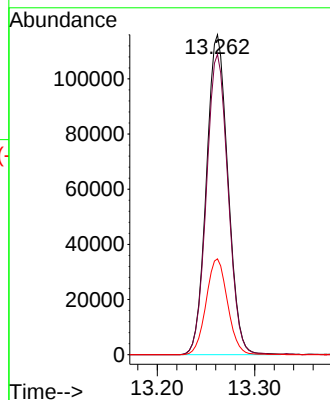
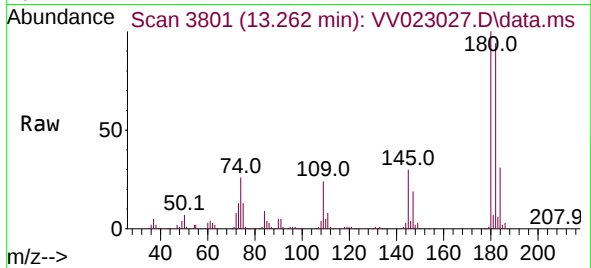




#70
1,2,4-trichlorobenzene
Concen: 49.488 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

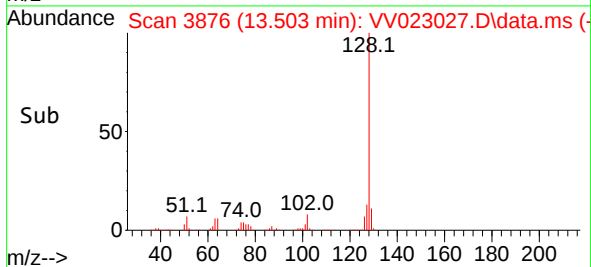
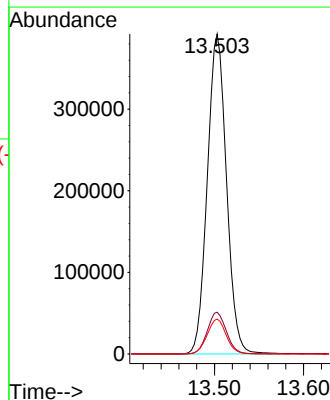
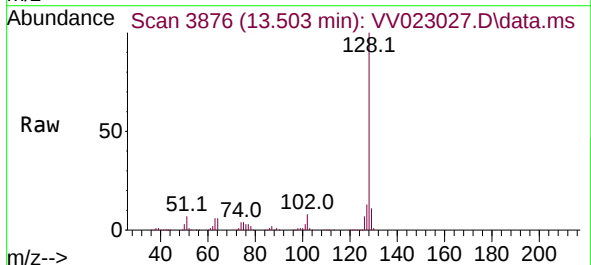
Instrument :
MSVOA_V
ClientSampleId :

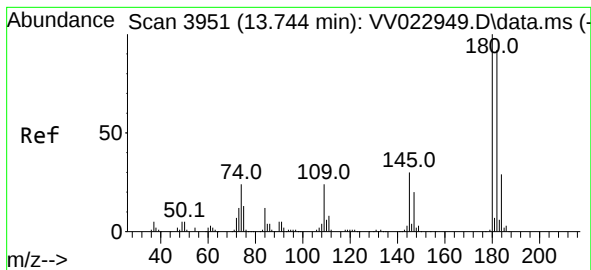
Tgt Ion:180 Resp: 177967
Ion Ratio Lower Upper
180 100
182 94.4 75.5 113.3
145 29.8 23.0 34.4



#71
Naphthalene
Concen: 49.424 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023027.D
Acq: 25 Oct 2021 12:13

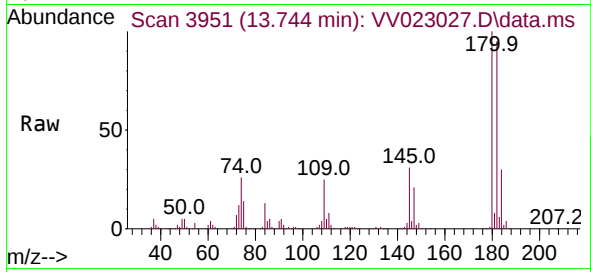
Tgt Ion:128 Resp: 585268
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 50.797 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VV023027.D
 Acq: 25 Oct 2021 12:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 188807

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.1	114.1
145	31.4	24.6	36.8

