

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023030.D
 Acq On : 25 Oct 2021 13:36
 Operator : SY/MD
 Sample : M4070-02MEMS
 Misc : 5.60g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 00:55:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	290065	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	282013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	159282	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81709	45.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.100%
7) Chloroethane-d5	1.565	69	43513	30.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.720%#
11) 1,1-Dichloroethene-d2	2.095	63	142475	40.279	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.560%
21) 2-Butanone-d5	3.908	46	48554	49.170	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	49.170%
24) Chloroform-d	4.346	84	156743	47.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.640%
26) 1,2-Dichloroethane-d4	5.031	65	92923	48.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
32) Benzene-d6	5.047	84	315211	48.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
36) 1,2-Dichloropropane-d6	6.069	67	98712	49.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	7.313	98	290029	48.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.622	79	45941	48.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.560%
47) 2-Hexanone-d5	8.111	63	83997	100.815	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.820%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	139944	50.038	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	11.628	152	118377	45.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128472	44.287	ug/L	99
3) Chloromethane	1.240	50	124916	43.304	ug/L	100
5) Vinyl chloride	1.311	62	125917	46.050	ug/L	100
6) Bromomethane	1.520	94	57246	29.986	ug/L	100
8) Chloroethane	1.584	64	51086	30.634	ug/L	97
9) Trichlorofluoromethane	1.745	101	154541	41.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	89491	42.095	ug/L	100
12) 1,1-Dichloroethene	2.105	96	80832	39.893	ug/L	94
14) Carbon disulfide	2.278	76	261936	42.795	ug/L	100
15) Methyl Acetate	2.433	43	158747	69.763	ug/L	91
16) Methylene chloride	2.500	84	128825	50.604	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	110520	49.689	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	346037	50.392	ug/L	98
19) 1,1-Dichloroethane	3.182	63	203795	51.782	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	120121	50.693	ug/L	99
22) 2-Butanone	3.989	43	147217	89.633	ug/L	98
23) Bromochloromethane	4.243	128	65378	50.220	ug/L	90
25) Chloroform	4.371	83	205718	51.945	ug/L	98
27) 1,2-Dichloroethane	5.127	62	148234	51.690	ug/L	98

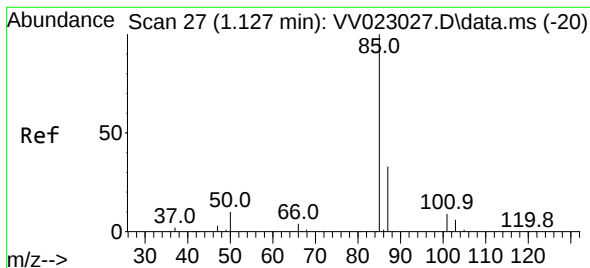
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
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Instrument :
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Quant Time: Oct 26 00:55:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.671	56	178449	54.287	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	176016	49.964	ug/L	99
31) Carbon tetrachloride	4.822	117	152743	49.353	ug/L	98
33) Benzene	5.095	78	453530	52.084	ug/L	100
34) Trichloroethene	5.912	95	115853	50.957	ug/L	99
35) Methylcyclohexane	6.127	83	202739	58.809	ug/L	97
37) 1,2-Dichloropropane	6.172	63	117967	52.913	ug/L	99
38) Bromodichloromethane	6.510	83	148019	51.113	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	174295	51.984	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	322428	102.927	ug/L	97
42) Toluene	7.387	91	491652	53.600	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	172725	53.506	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	118135	51.189	ug/L	99
46) Tetrachloroethene	7.976	164	94250	49.519	ug/L	97
48) 2-Hexanone	8.156	43	262584	109.598	ug/L	98
49) Dibromochloromethane	8.249	129	129308	51.776	ug/L	100
50) 1,2-Dibromoethane	8.352	107	126621	50.959	ug/L	96
51) Chlorobenzene	8.883	112	321379	52.676	ug/L	99
52) Ethylbenzene	9.011	91	515223	53.970	ug/L	99
53) m,p-Xylene	9.140	106	207584	54.884	ug/L	100
54) o-Xylene	9.545	106	204770	55.569	ug/L	98
55) Styrene	9.561	104	355479	56.213	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	186042	52.158	ug/L	98
59) Bromoform	9.735	173	95455	48.466	ug/L	98
60) Isopropylbenzene	9.934	105	518876	51.201	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	150502	49.684	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	441426	51.733	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	464467	54.756	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	261689	50.899	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	267313	50.062	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	261021	49.678	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	36762	44.295	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	191095	50.023	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	165664	48.225	ug/L	100
71) Naphthalene	13.503	128	541530	47.873	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	170229	47.944	ug/L	100

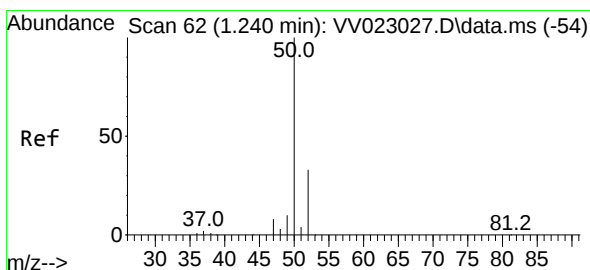
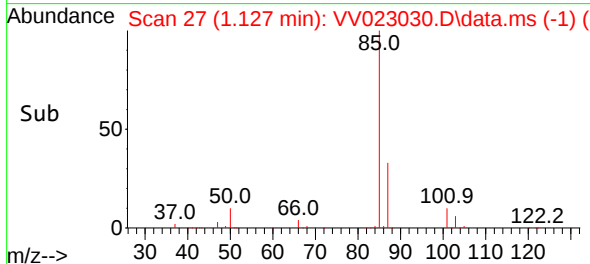
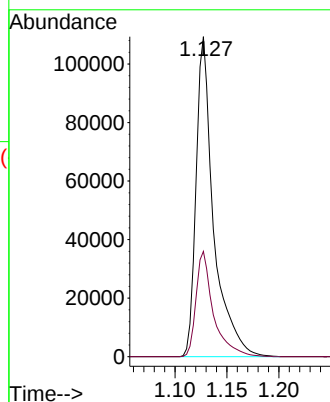
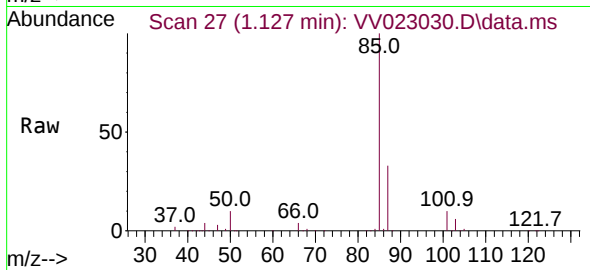
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 44.287 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

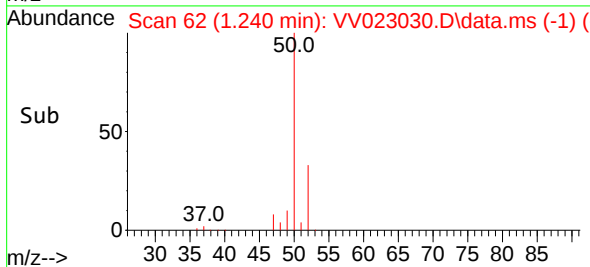
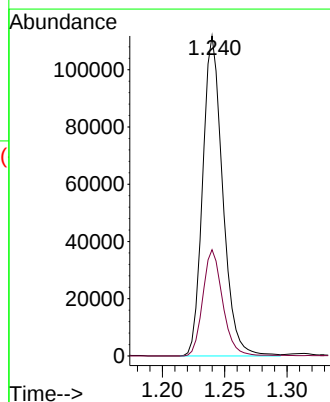
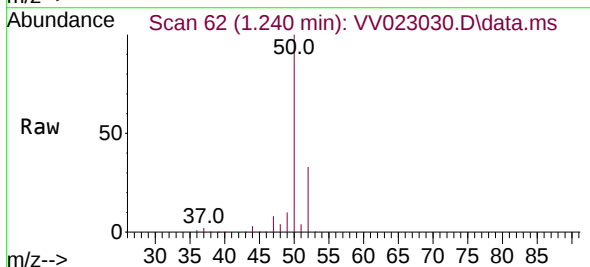
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 MSVOA_V
 ClientSampled :

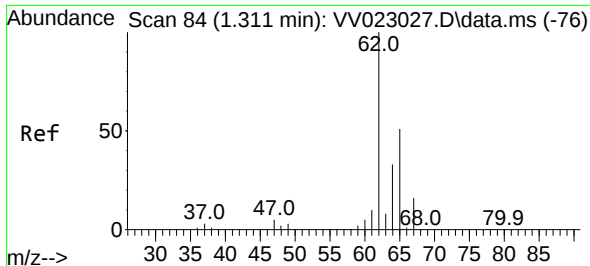
Tgt Ion: 85 Resp: 128472
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 43.304 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

Tgt Ion: 50 Resp: 124916
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8

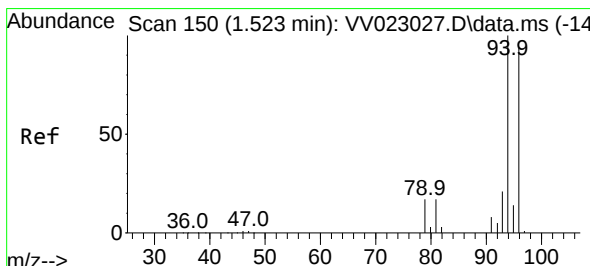
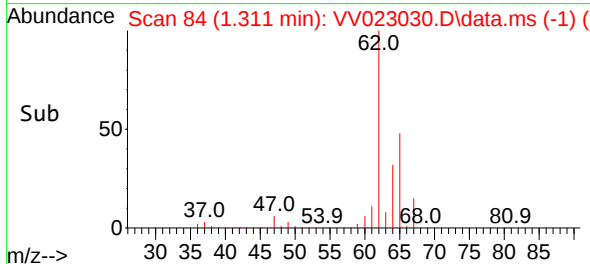
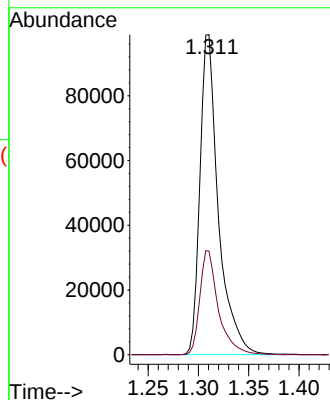
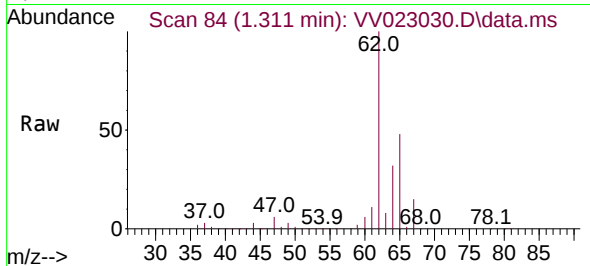




#5
 Vinyl chloride
 Concen: 46.050 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

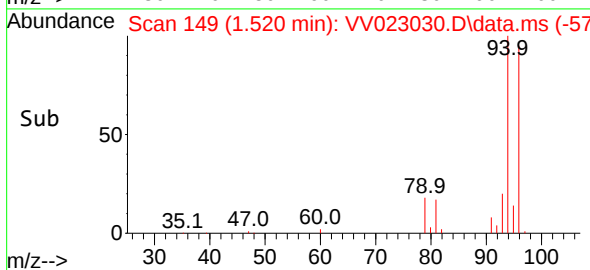
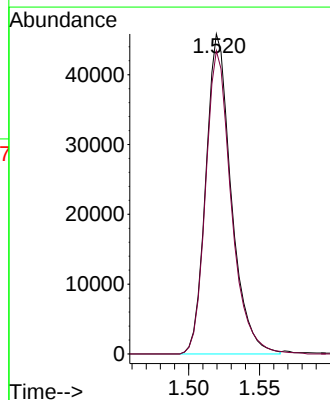
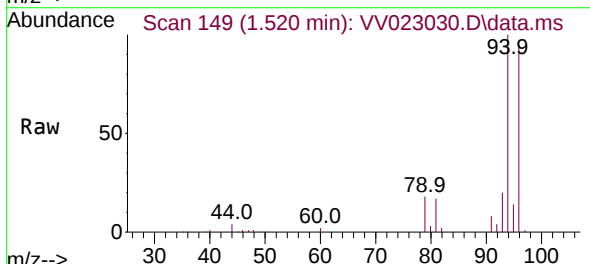
Instrument :
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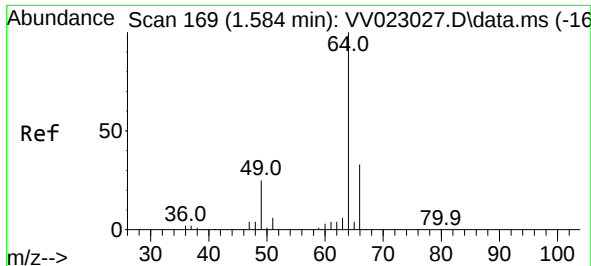
Tgt Ion: 62 Resp: 125917
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.9



#6
 Bromomethane
 Concen: 29.986 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

Tgt Ion: 94 Resp: 57246
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.4 123.2

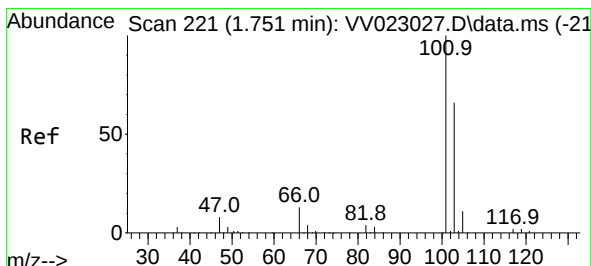
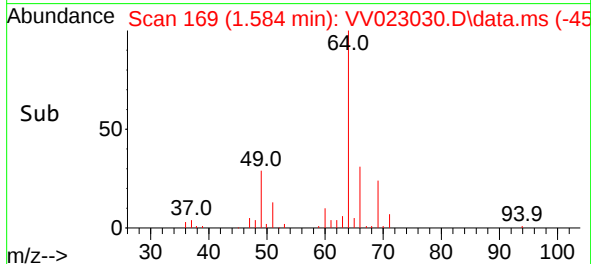
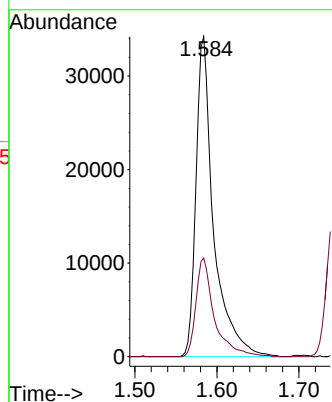
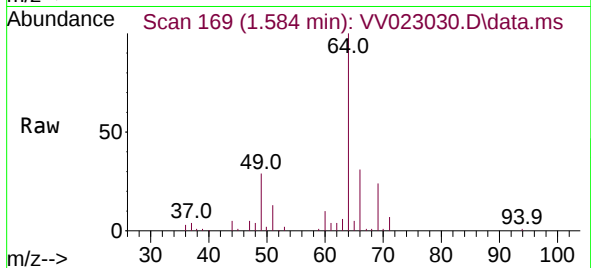




#8
Chloroethane
Concen: 30.634 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

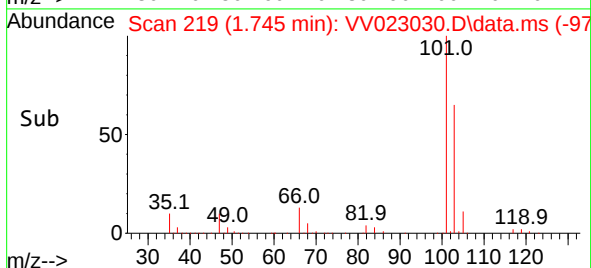
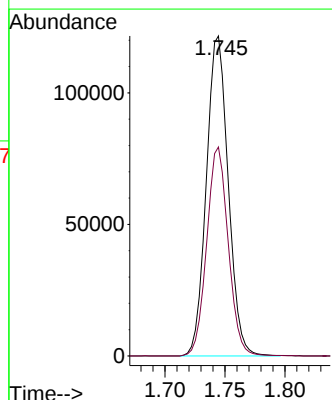
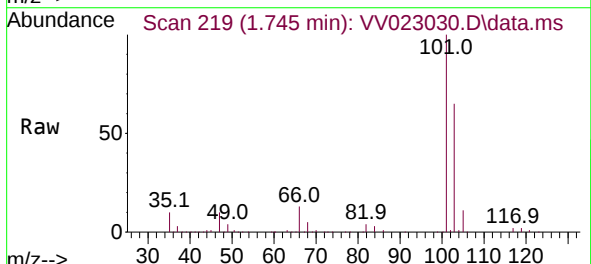
Instrument :
MSVOA_V
ClientSampled :

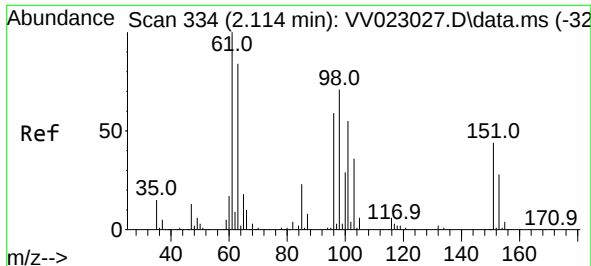
Tgt Ion: 64 Resp: 51086
Ion Ratio Lower Upper
64 100
66 30.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 41.150 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:101 Resp: 154541
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

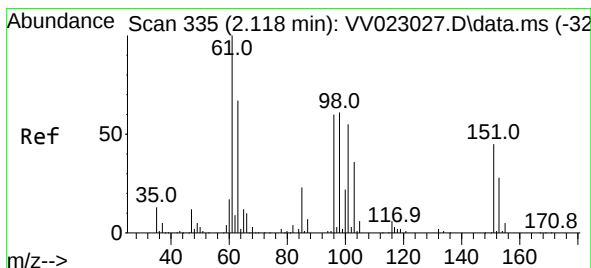
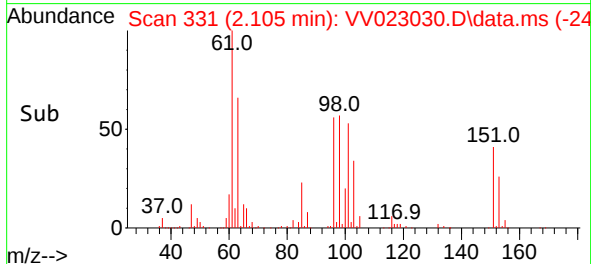
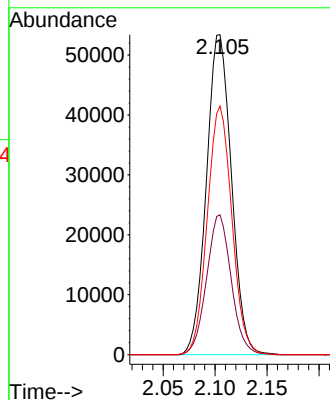
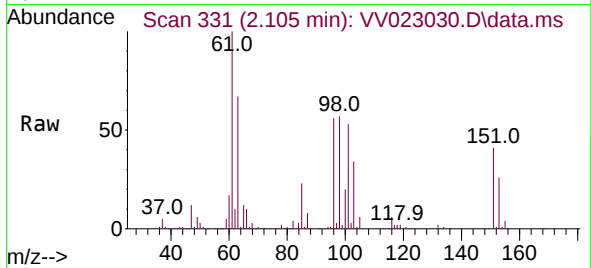




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.095 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

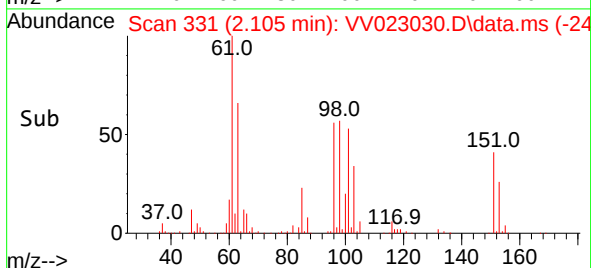
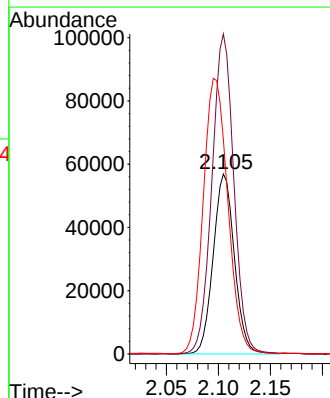
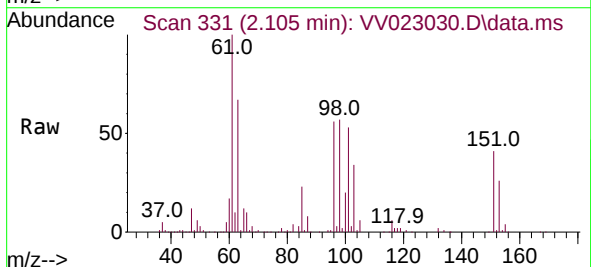
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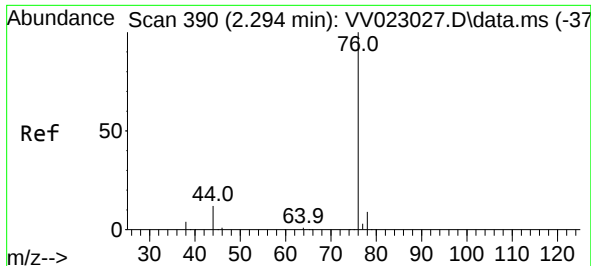
Tgt Ion:101 Resp: 89491
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 76.3 61.3 91.9



#12
1,1-Dichloroethene
Concen: 39.893 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 96 Resp: 80832
Ion Ratio Lower Upper
96 100
61 177.8 118.0 219.2
63 119.0 86.4 160.4

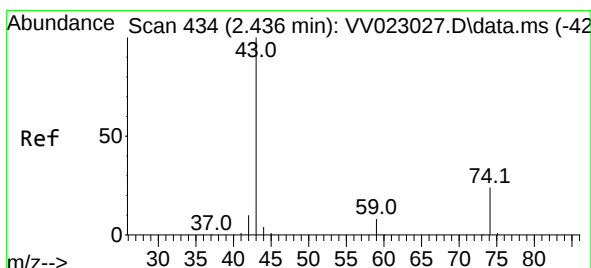
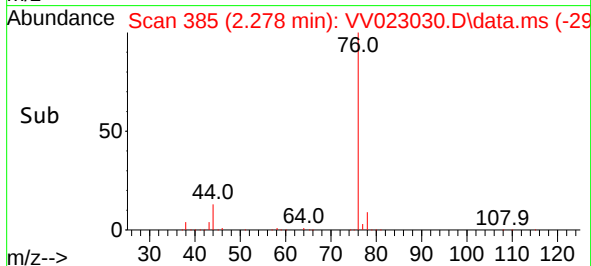
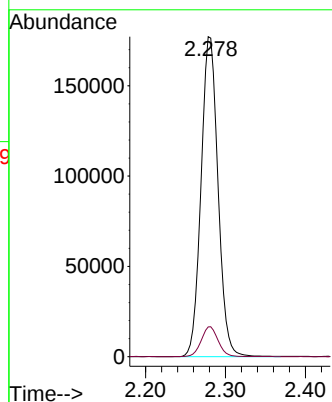
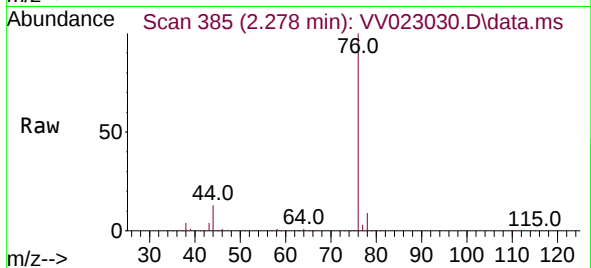




#14
Carbon disulfide
Concen: 42.795 ug/L
RT: 2.278 min Scan# 385
Delta R.T. -0.016 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

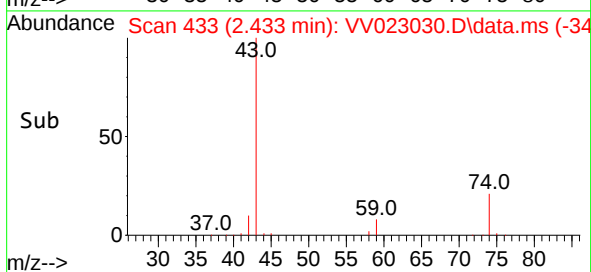
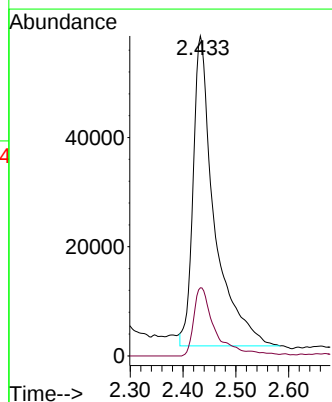
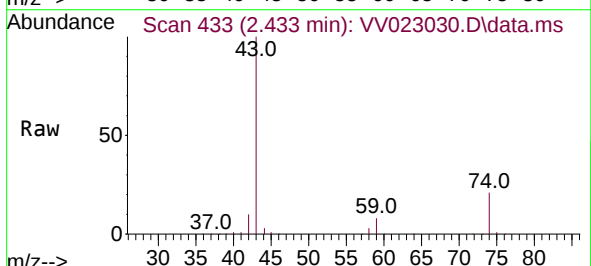
Instrument :
MSVOA_V
ClientSampled :

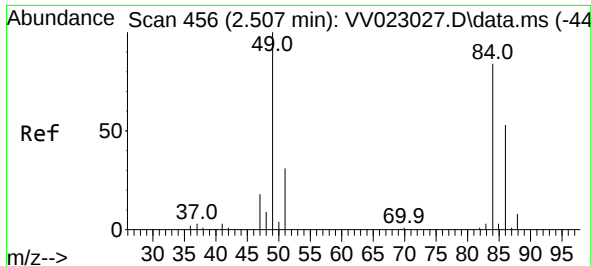
Tgt Ion: 76 Resp: 261936
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#15
Methyl Acetate
Concen: 69.763 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 43 Resp: 158747
Ion Ratio Lower Upper
43 100
74 20.9 20.6 30.8

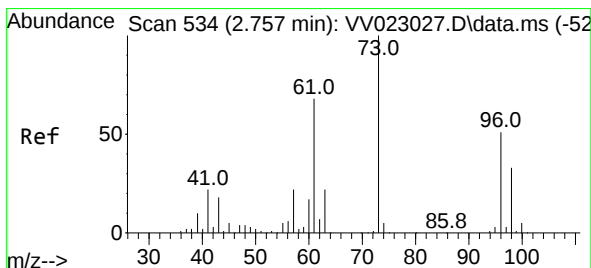
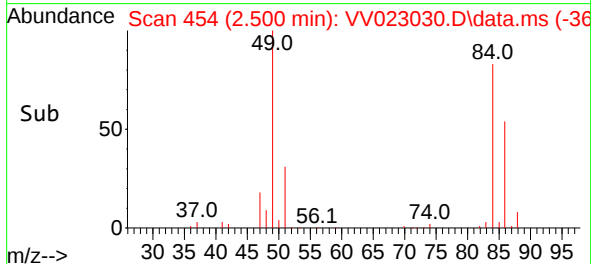
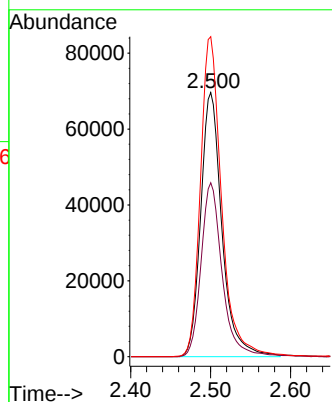
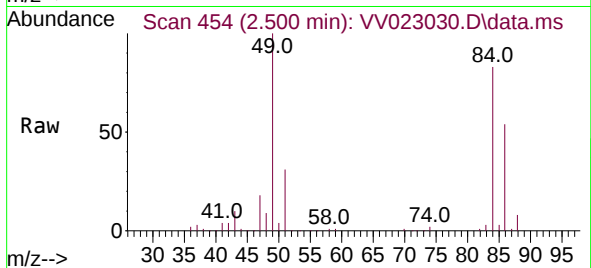




#16
Methylene chloride
Concen: 50.604 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

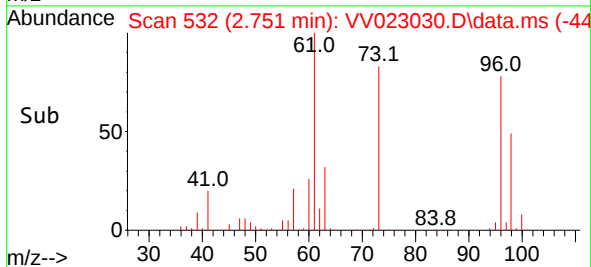
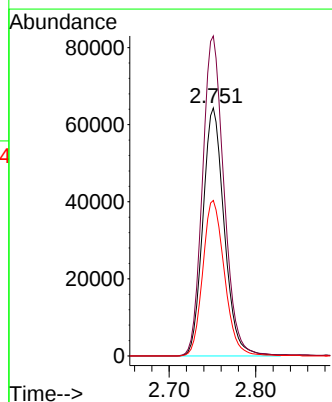
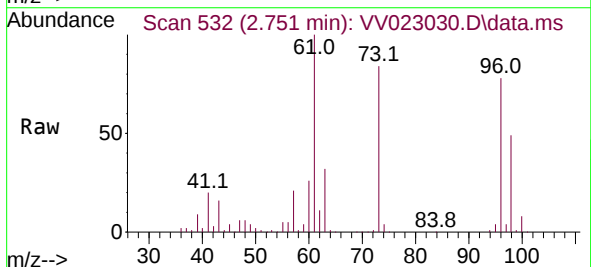
Instrument :
MSVOA_V
ClientSampleId :

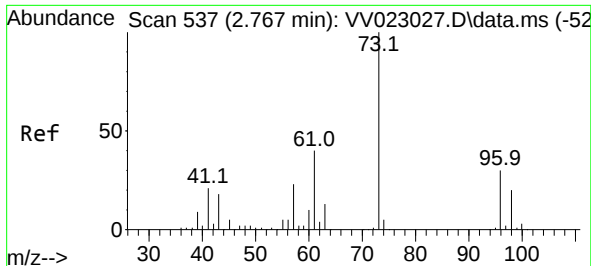
Tgt Ion: 84 Resp: 128825
Ion Ratio Lower Upper
84 100
86 65.8 45.6 84.6
49 121.1 82.7 153.7



#17
trans-1,2-Dichloroethene
Concen: 49.689 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 96 Resp: 110520
Ion Ratio Lower Upper
96 100
61 129.0 90.8 168.6
98 62.7 44.0 81.8

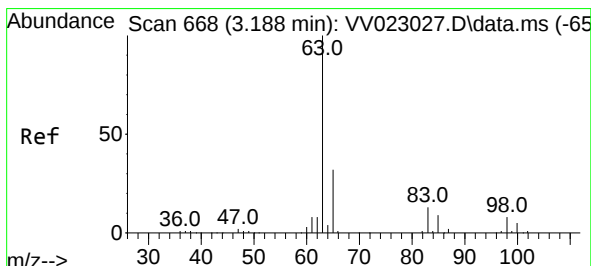
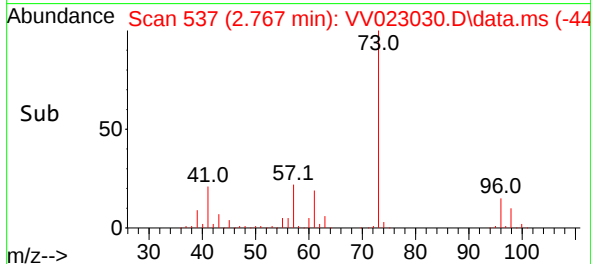
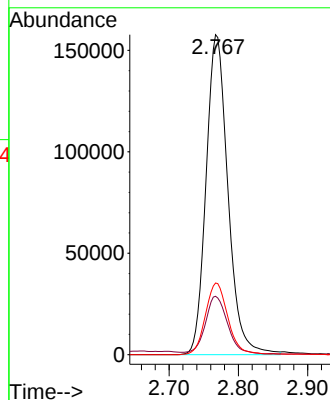
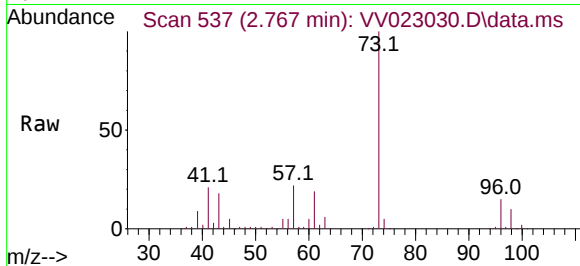




#18
Methyl tert-butyl Ether
Concen: 50.392 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

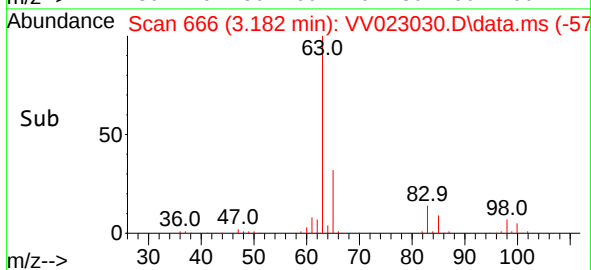
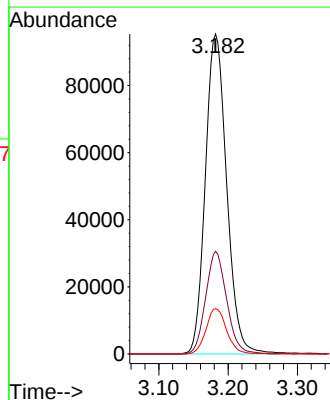
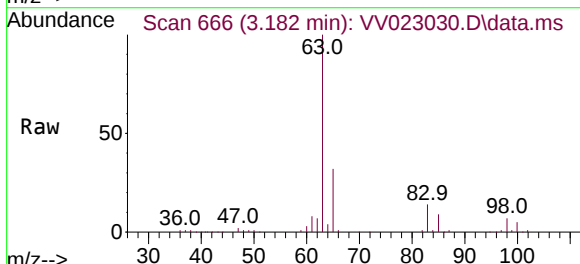
Instrument :
MSVOA_V
ClientSampleId :

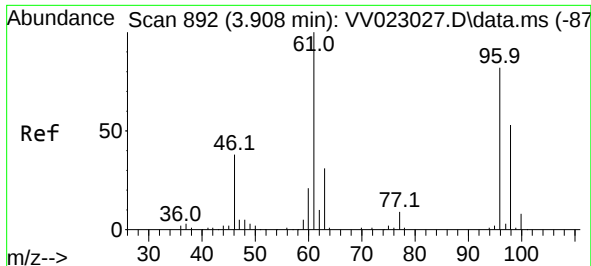
Tgt Ion: 73 Resp: 346037
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7
57 23.0 17.6 26.4



#19
1,1-Dichloroethane
Concen: 51.782 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 63 Resp: 203795
Ion Ratio Lower Upper
63 100
65 32.1 22.9 42.5
83 14.1 9.4 17.4

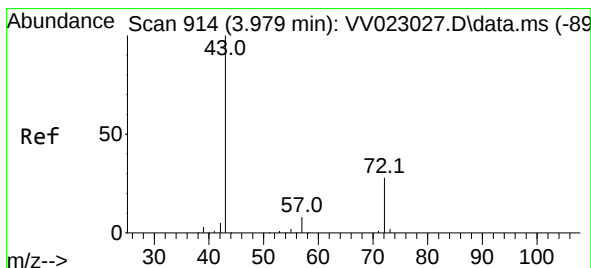
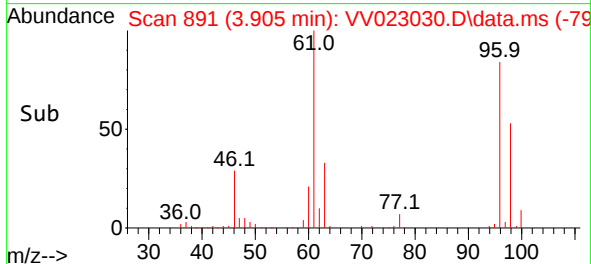
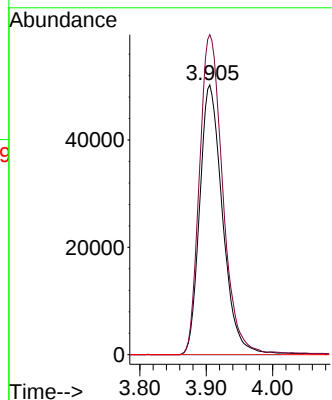
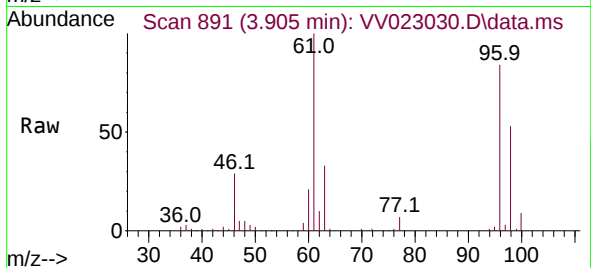




#20
cis-1,2-Dichloroethene
Concen: 50.693 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

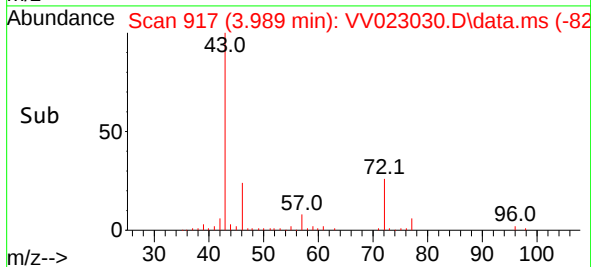
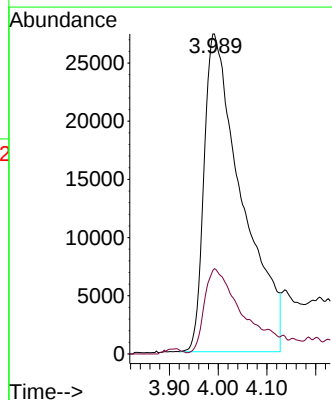
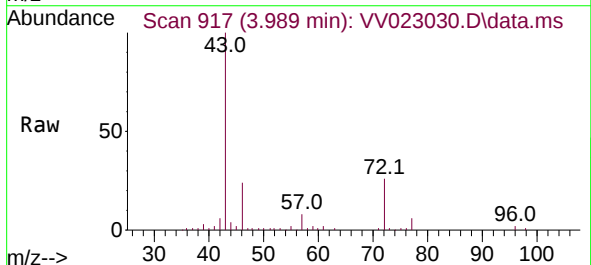
Instrument :
MSVOA_V
ClientSampleId :

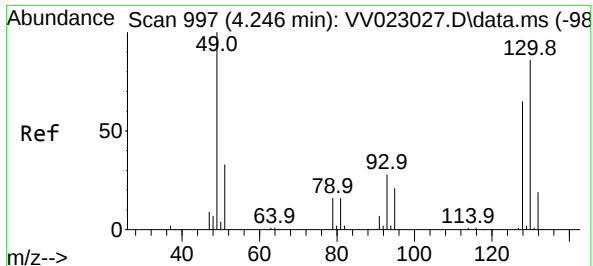
Tgt Ion: 96 Resp: 120121
Ion Ratio Lower Upper
96 100
61 118.6 81.9 152.1
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 89.633 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.010 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 43 Resp: 147217
Ion Ratio Lower Upper
43 100
72 20.9 10.0 29.8

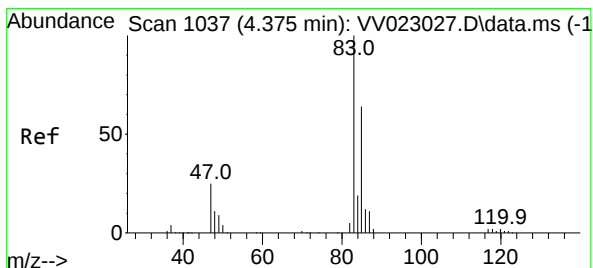
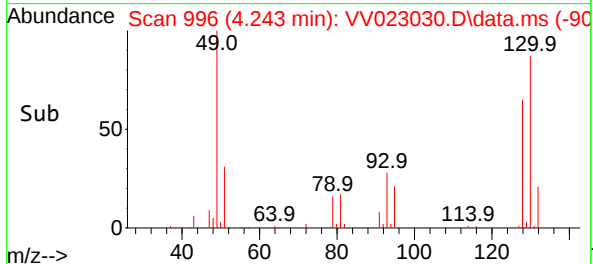
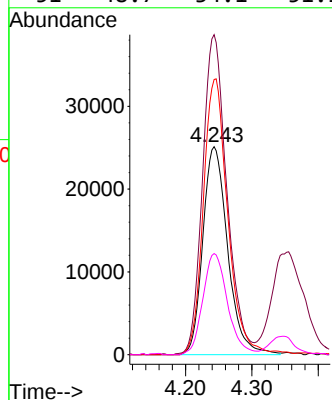
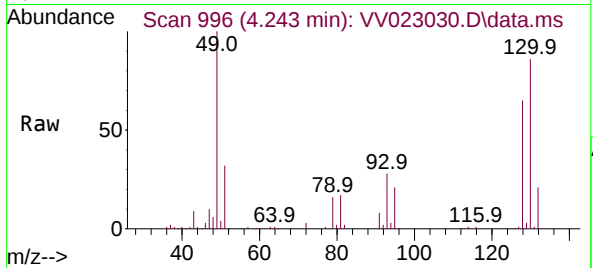




#23
Bromochloromethane
Concen: 50.220 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

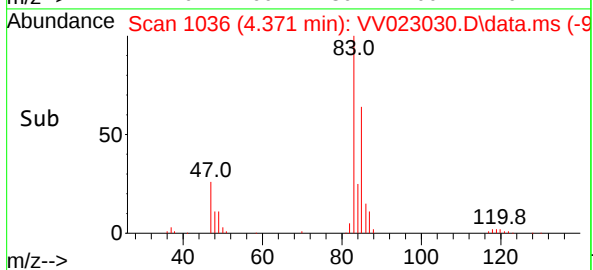
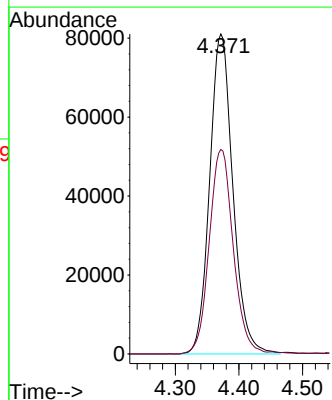
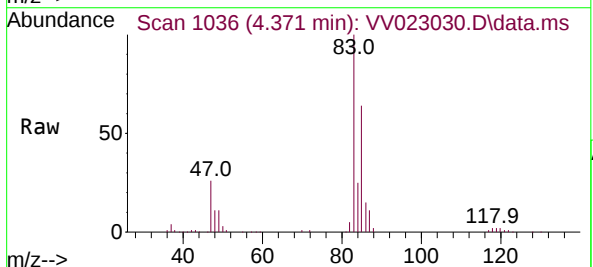
Instrument :
MSVOA_V
ClientSampleId :

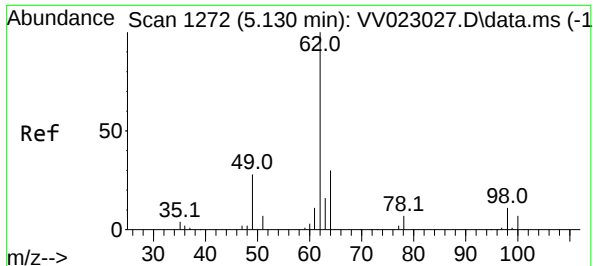
Tgt Ion:128 Resp: 65378
Ion Ratio Lower Upper
128 100
49 153.9 97.2 180.4
130 132.3 86.3 160.3
51 48.7 34.1 51.1



#25
Chloroform
Concen: 51.945 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 83 Resp: 205718
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.0





#27

1,2-Dichloroethane

Concen: 51.690 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV023030.D

Acq: 25 Oct 2021 13:36

Tgt Ion: 62 Resp: 148234

Ion Ratio Lower Upper

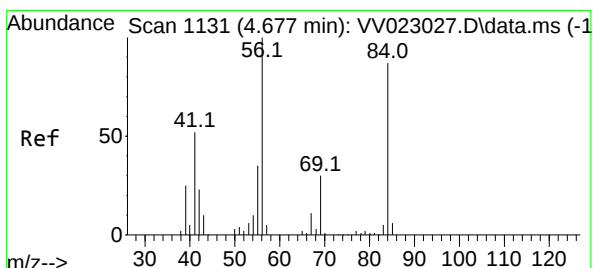
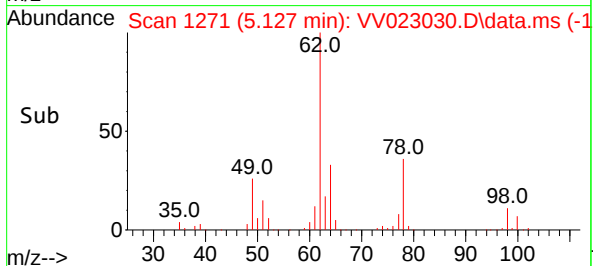
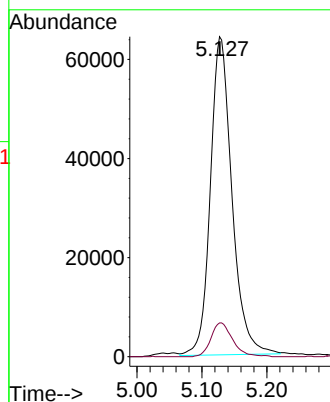
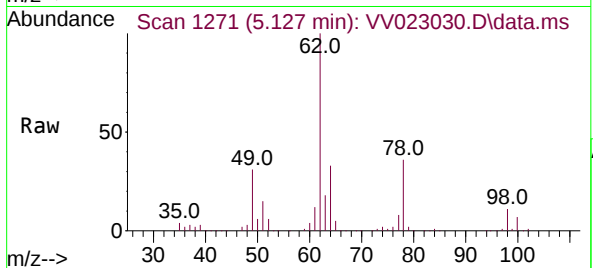
62 100

98 10.5 9.0 13.4

Instrument :

MSVOA_V

ClientSampled :



#29

Cyclohexane

Concen: 54.287 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VV023030.D

Acq: 25 Oct 2021 13:36

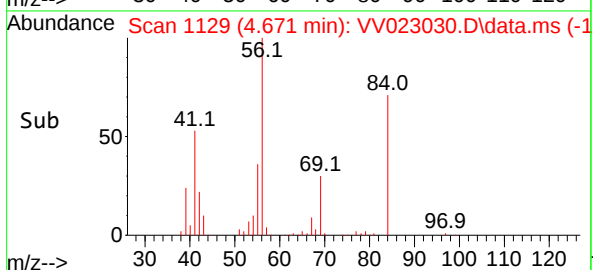
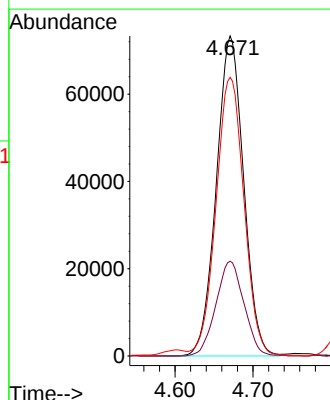
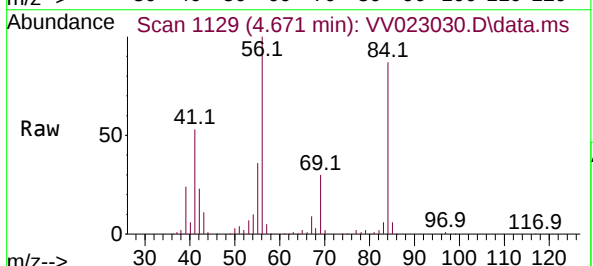
Tgt Ion: 56 Resp: 178449

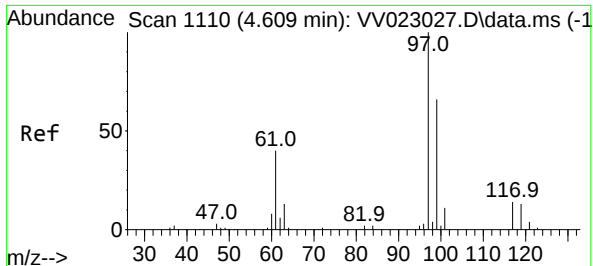
Ion Ratio Lower Upper

56 100

69 30.4 24.9 37.3

84 88.9 73.9 110.9



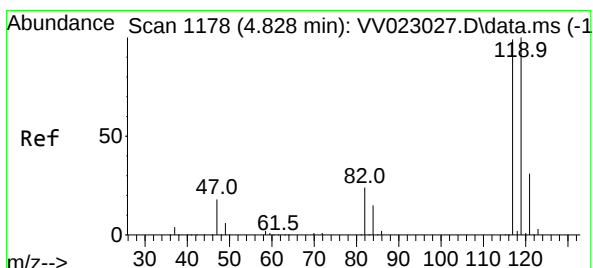
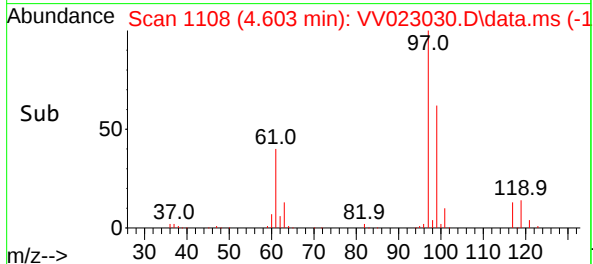
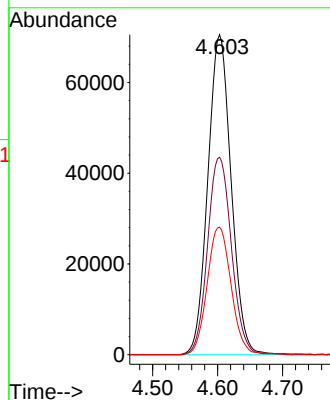
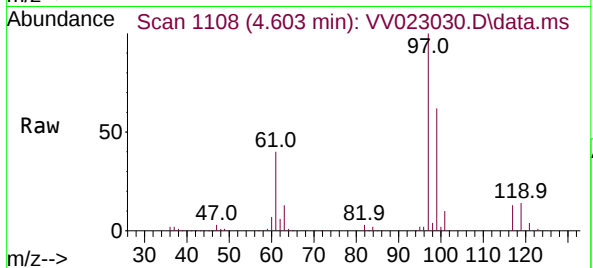


#30

1,1,1-Trichloroethane
Concen: 49.964 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampled :

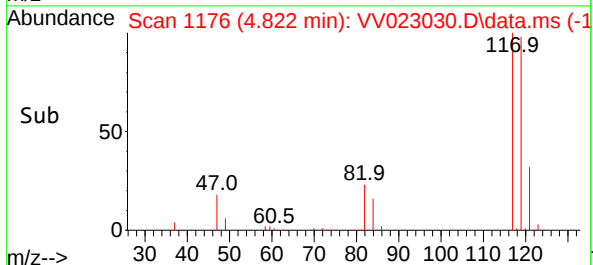
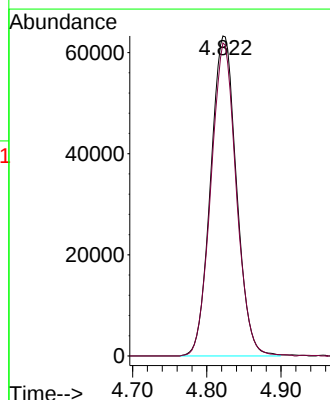
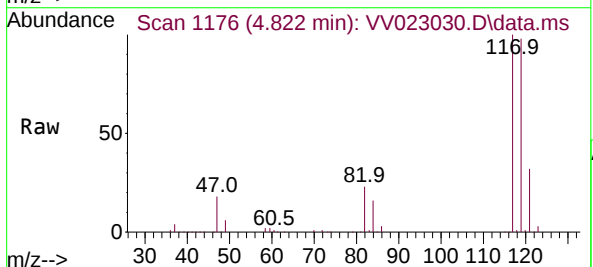
Tgt Ion: 97 Resp: 176016
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 40.8 32.9 49.3

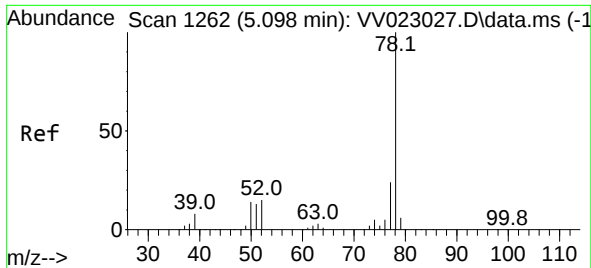


#31

Carbon tetrachloride
Concen: 49.353 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 117 Resp: 152743
Ion Ratio Lower Upper
117 100
119 96.0 78.3 117.5

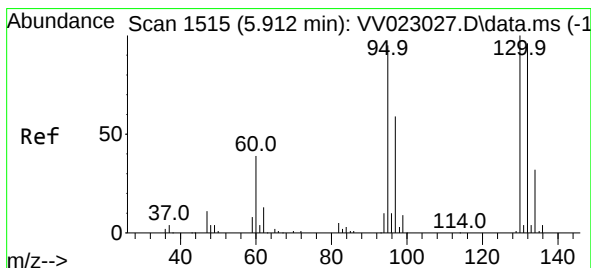
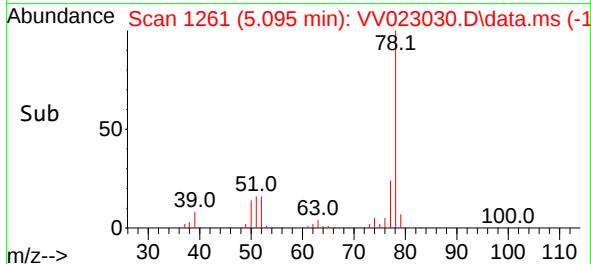
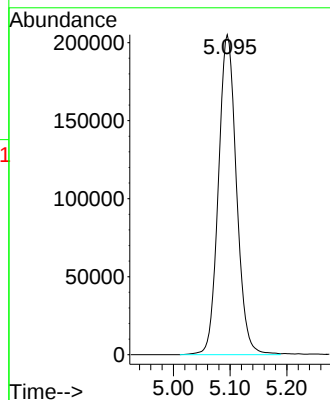
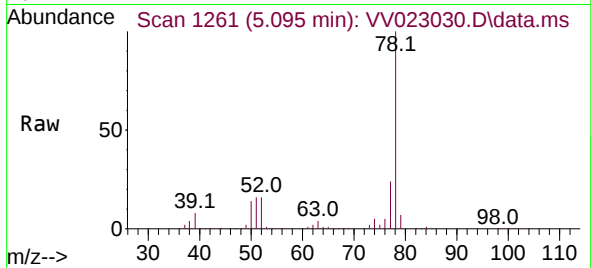




#33
Benzene
Concen: 52.084 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampled :

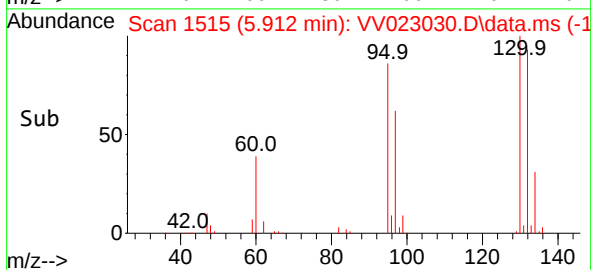
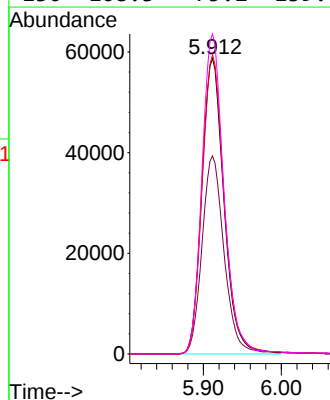
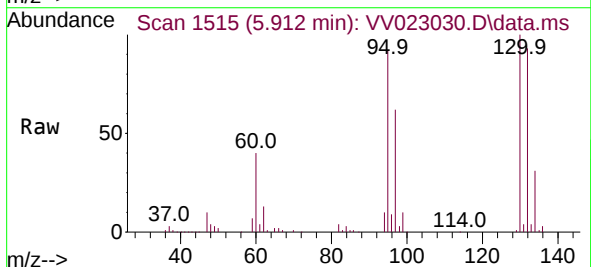
Tgt Ion: 78 Resp: 453530

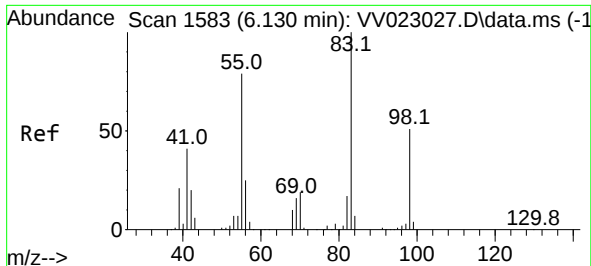


#34
Trichloroethene
Concen: 50.957 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 95 Resp: 115853

Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.4	84.4
132	101.2	71.5	132.9
130	108.3	75.2	139.6

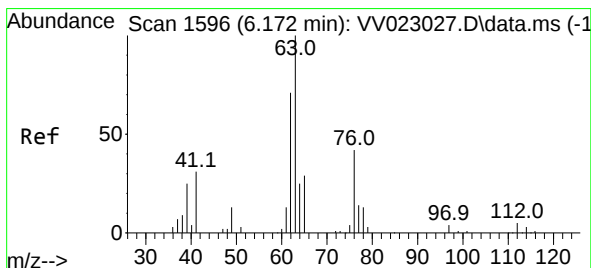
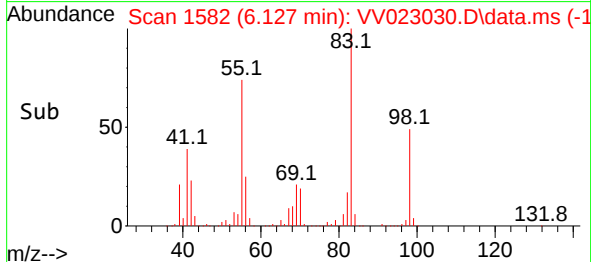
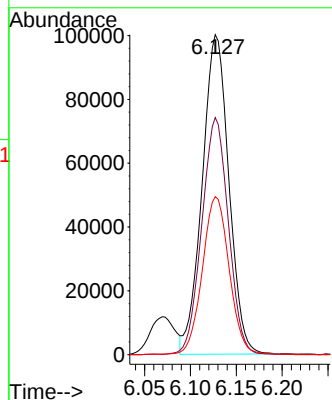
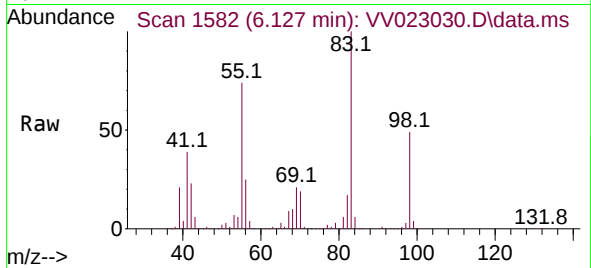




#35
Methylcyclohexane
Concen: 58.809 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

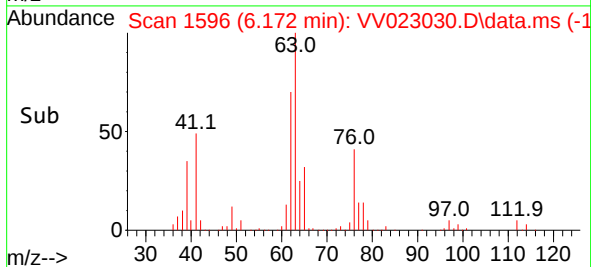
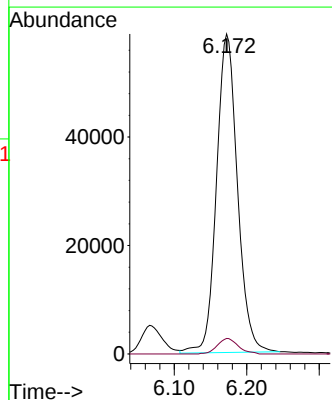
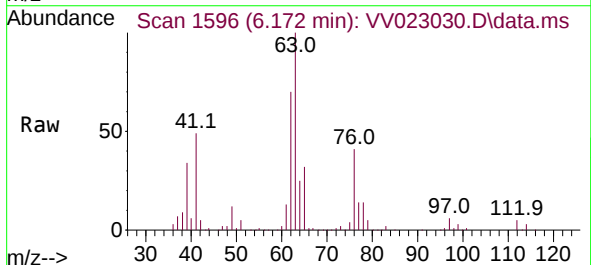
Instrument :
MSVOA_V
ClientSampled :

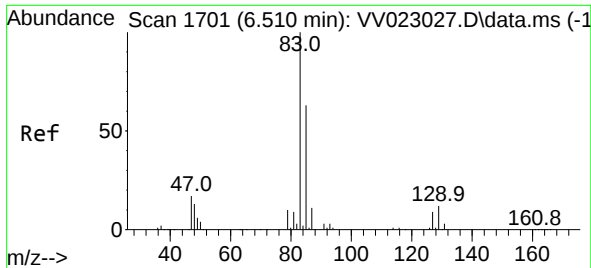
Tgt Ion: 83 Resp: 202739
Ion Ratio Lower Upper
83 100
55 73.6 56.7 85.1
98 49.6 40.6 60.8



#37
1,2-Dichloropropane
Concen: 52.913 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 63 Resp: 117967
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1

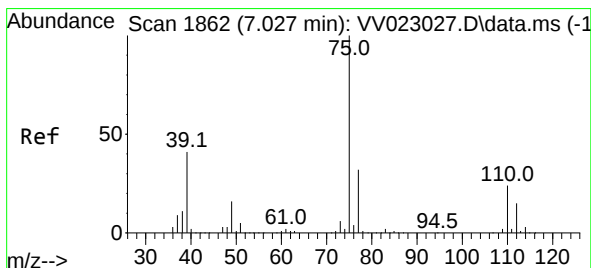
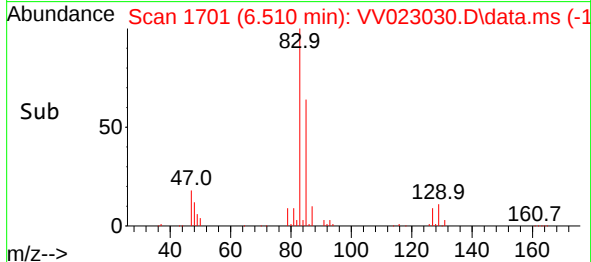
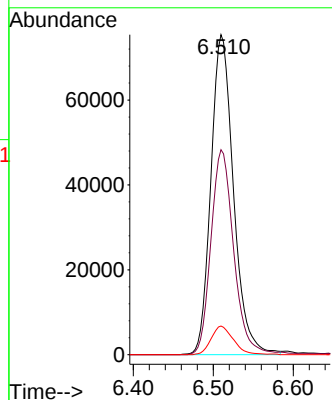
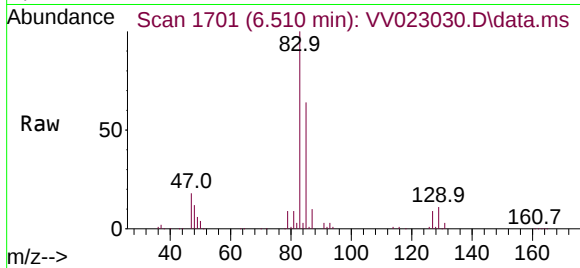




#38
Bromodichloromethane
Concen: 51.113 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

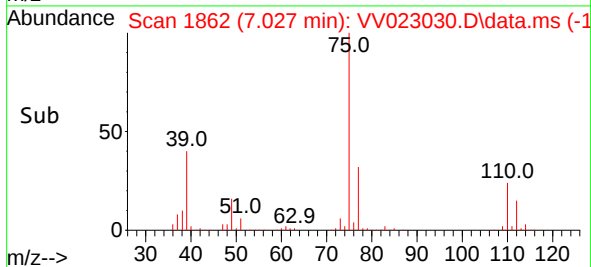
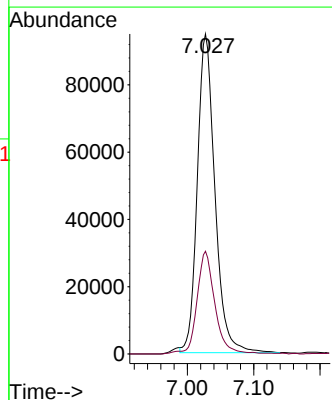
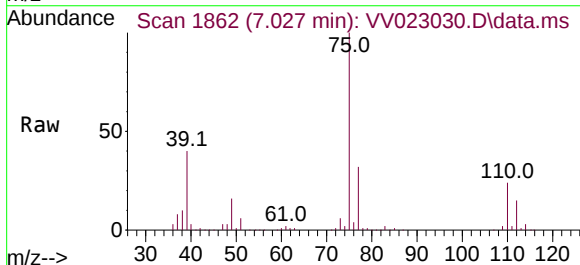
Instrument :
MSVOA_V
ClientSampled :

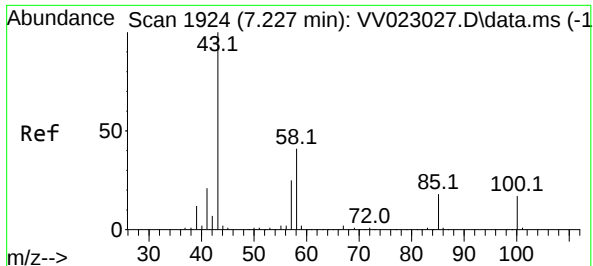
Tgt Ion:	83	Resp:	148019
Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.3	86.1
127	8.9	7.5	11.3



#39
cis-1,3-Dichloropropene
Concen: 51.984 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:	75	Resp:	174295
Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.6	40.2

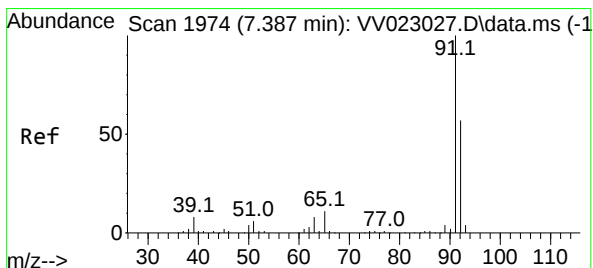
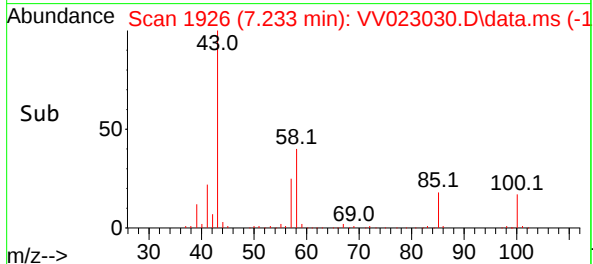
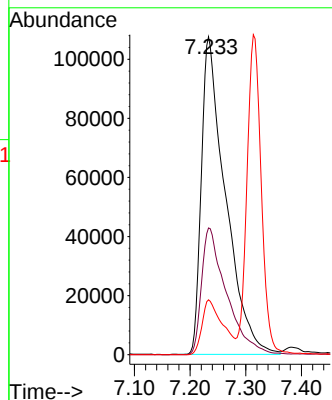
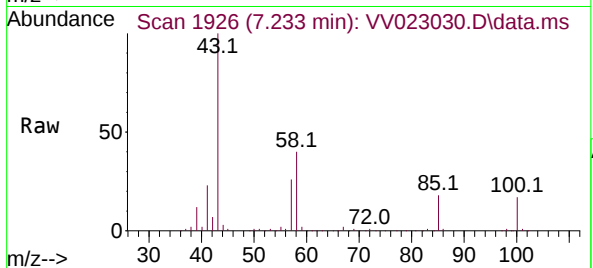




#40
4-Methyl-2-pentanone
Concen: 102.927 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

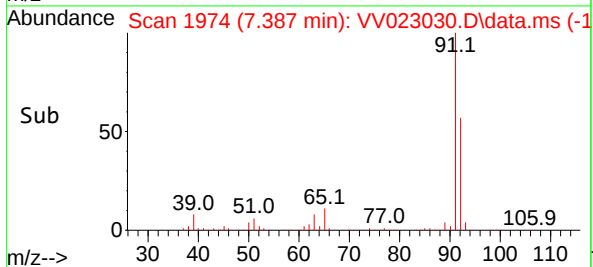
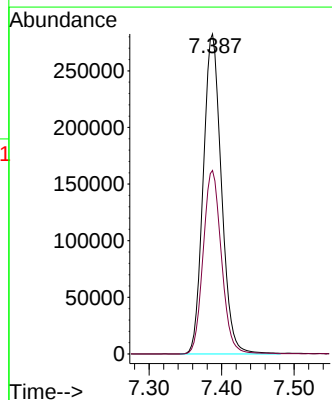
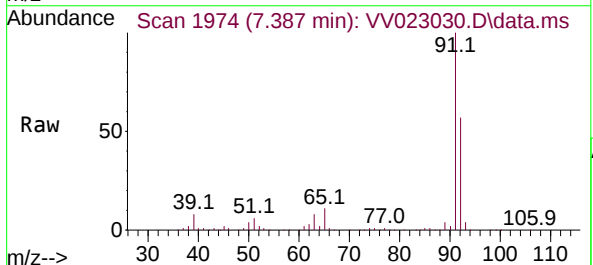
Instrument :
MSVOA_V
ClientSampled :

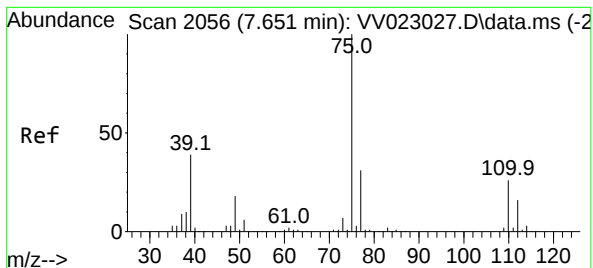
Tgt Ion: 43 Resp: 322428
Ion Ratio Lower Upper
43 100
58 41.4 32.5 48.7
100 14.9 13.9 20.9



#42
Toluene
Concen: 53.600 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 91 Resp: 491652
Ion Ratio Lower Upper
91 100
92 57.4 40.6 75.4



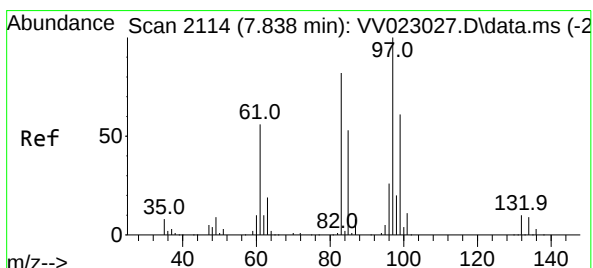
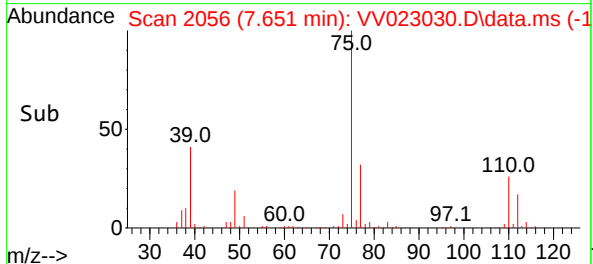
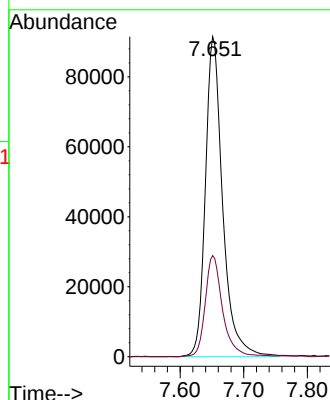
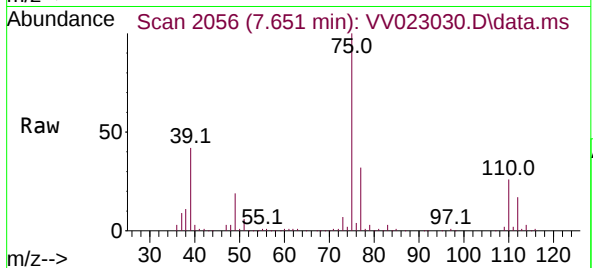


#44

trans-1,3-Dichloropropene
Concen: 53.506 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Instrument :
MSVOA_V
ClientSampled :

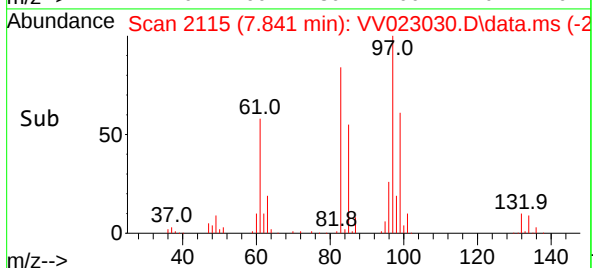
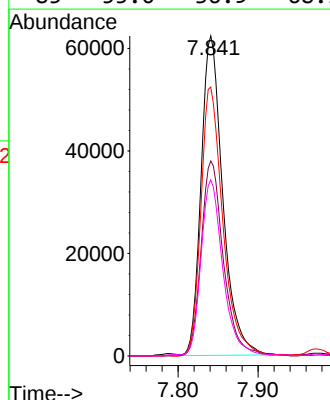
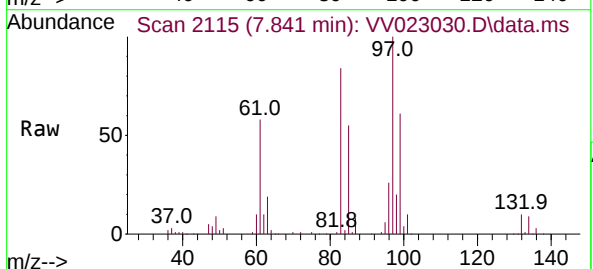
Tgt Ion: 75 Resp: 172725
Ion Ratio Lower Upper
75 100
77 31.6 22.0 40.8

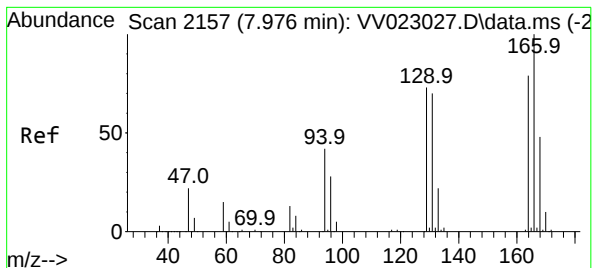


#45

1,1,2-Trichloroethane
Concen: 51.189 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 97 Resp: 118135
Ion Ratio Lower Upper
97 100
99 61.0 43.1 80.1
83 84.0 58.6 108.8
85 55.0 36.9 68.5





#46

Tetrachloroethene

Concen: 49.519 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023030.D

Acq: 25 Oct 2021 13:36

Tgt Ion:164 Resp: 94250

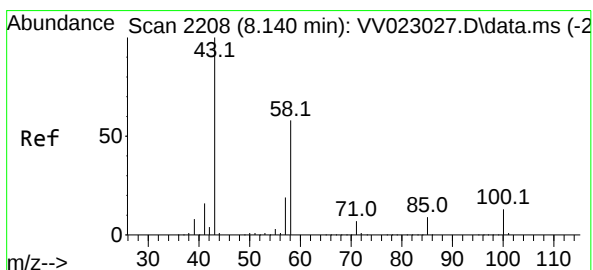
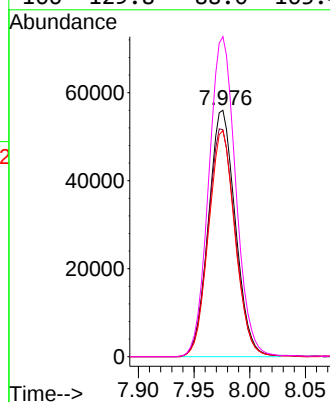
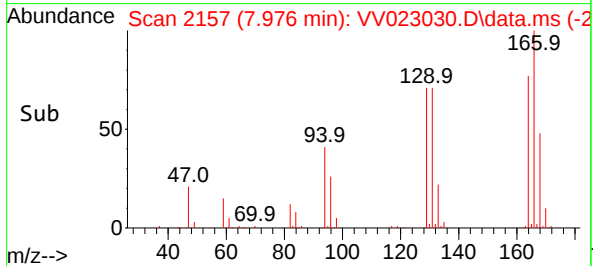
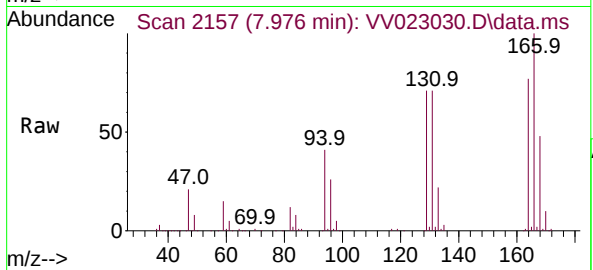
Ion Ratio Lower Upper

164 100

129 92.0 64.6 120.0

131 91.7 59.9 111.3

166 129.8 88.0 163.4



#48

2-Hexanone

Concen: 109.598 ug/L

RT: 8.156 min Scan# 2213

Delta R.T. 0.016 min

Lab File: VV023030.D

Acq: 25 Oct 2021 13:36

Tgt Ion: 43 Resp: 262584

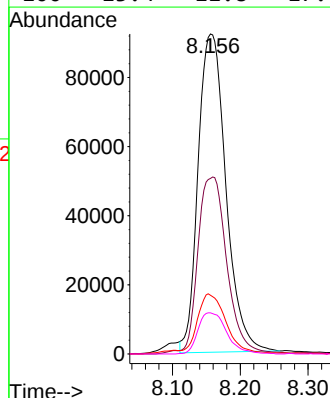
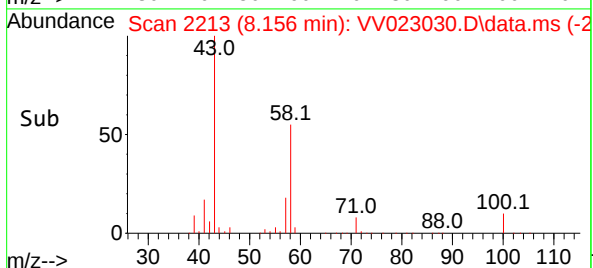
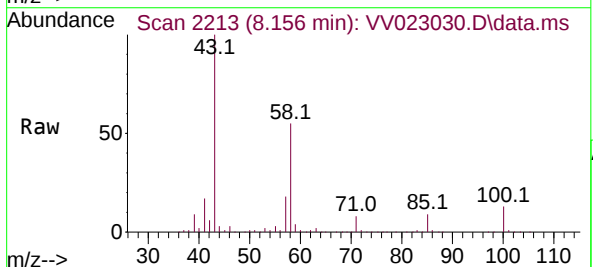
Ion Ratio Lower Upper

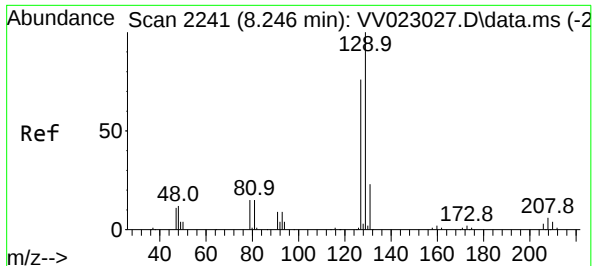
43 100

58 57.1 47.0 70.4

57 19.0 15.8 23.6

100 13.4 11.8 17.6





#49

Dibromochloromethane

Concen: 51.776 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV023030.D

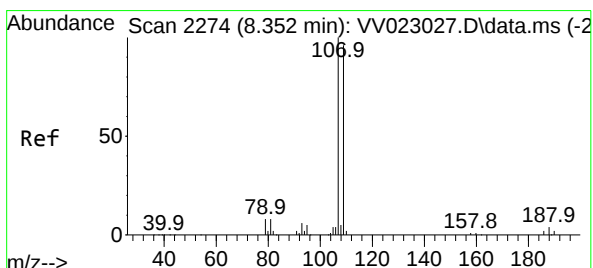
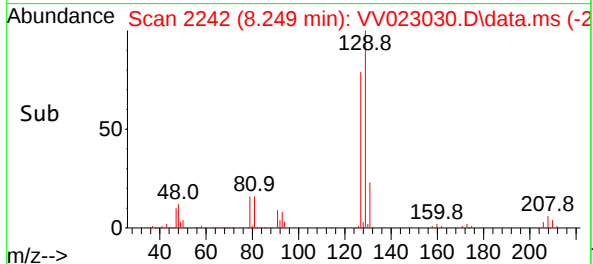
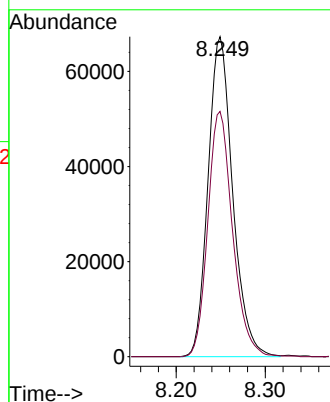
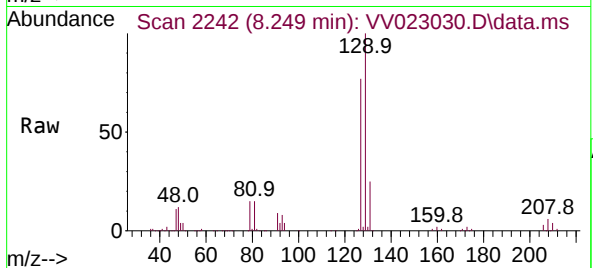
Acq: 25 Oct 2021 13:36

Tgt Ion:129 Resp: 129308

Ion Ratio Lower Upper

129 100

127 76.6 53.5 99.5



#50

1,2-Dibromoethane

Concen: 50.959 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV023030.D

Acq: 25 Oct 2021 13:36

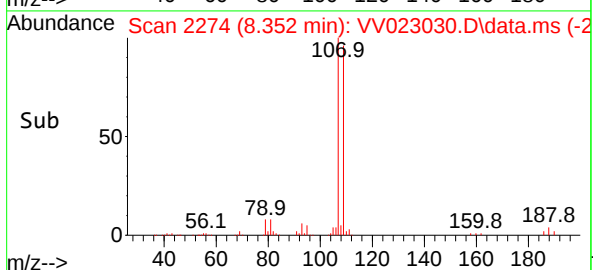
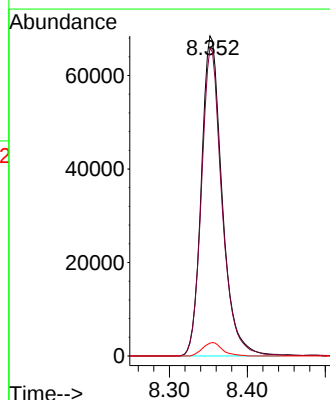
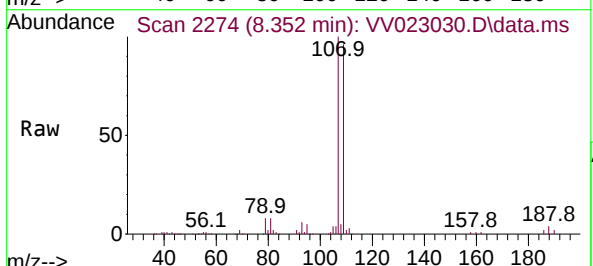
Tgt Ion:107 Resp: 126621

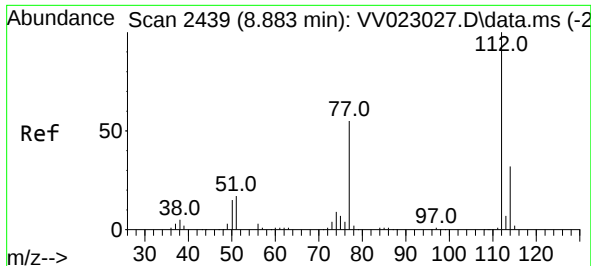
Ion Ratio Lower Upper

107 100

109 96.2 64.8 120.3

188 4.0 3.2 4.8

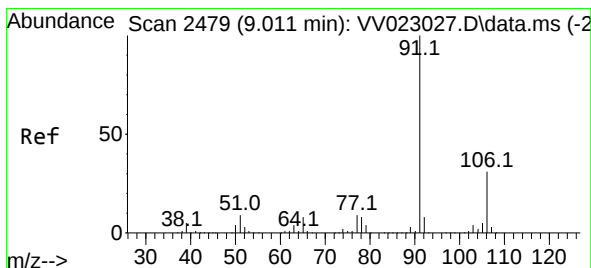
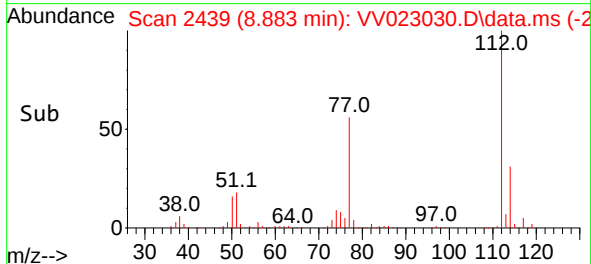
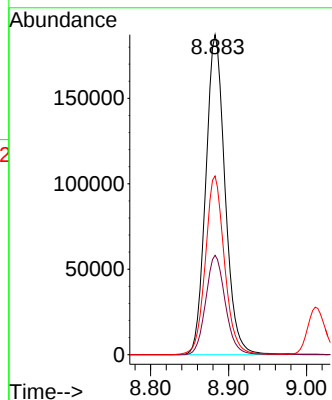
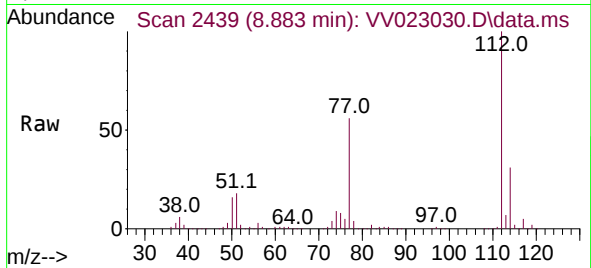




#51
Chlorobenzene
Concen: 52.676 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

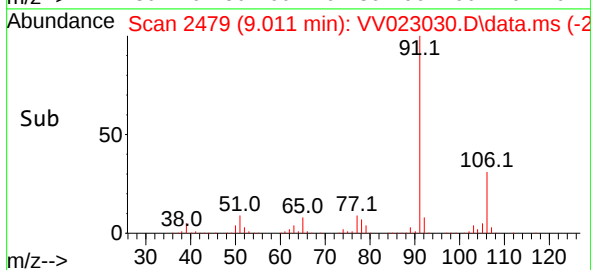
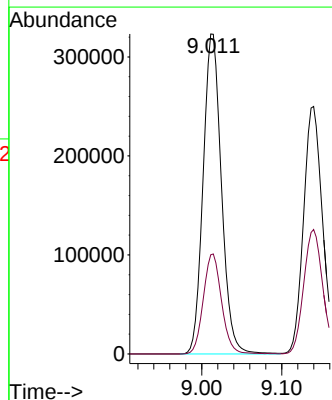
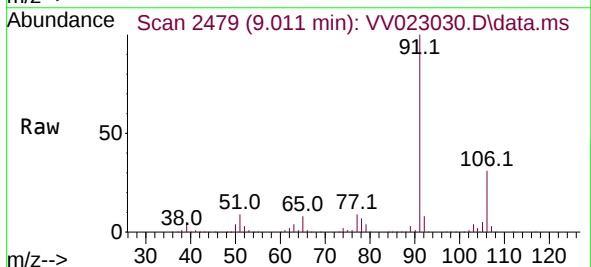
Instrument :
MSVOA_V
ClientSampleId :

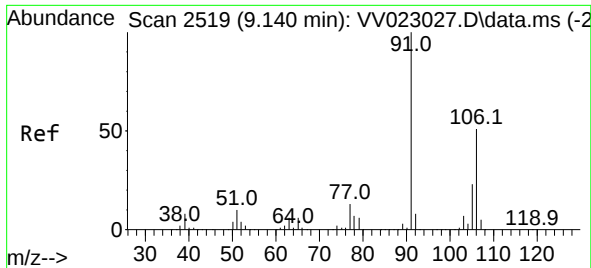
Tgt Ion:112 Resp: 321379
Ion Ratio Lower Upper
112 100
114 31.1 22.0 40.8
77 55.9 44.0 66.0



#52
Ethylbenzene
Concen: 53.970 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 91 Resp: 515223
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0

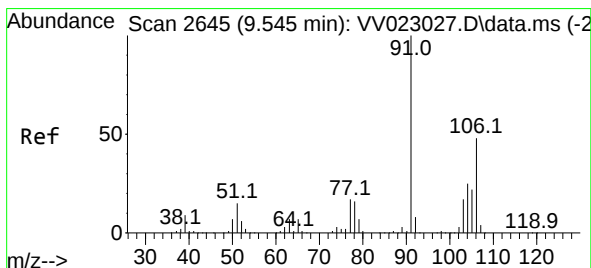
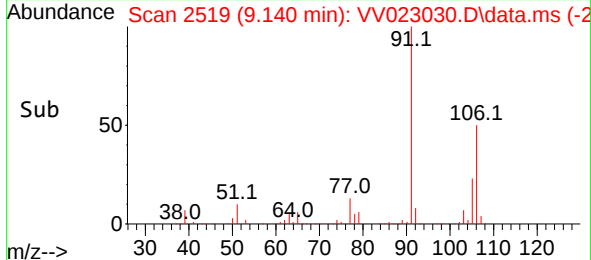
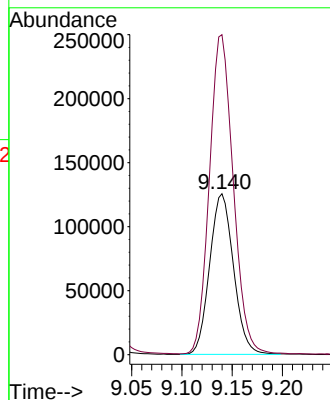
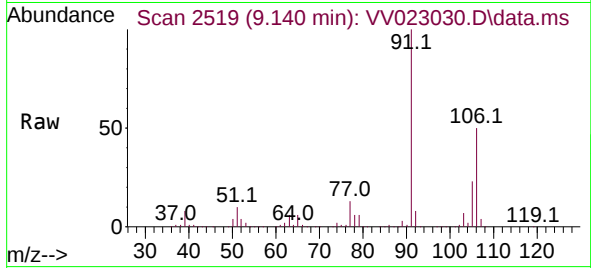




#53
m,p-Xylene
Concen: 54.884 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

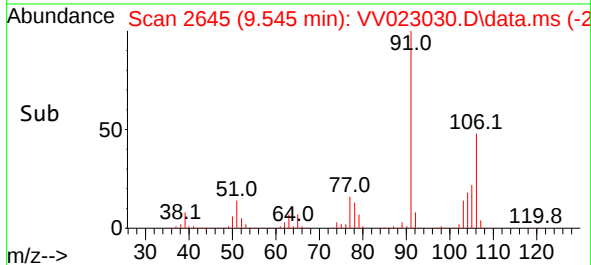
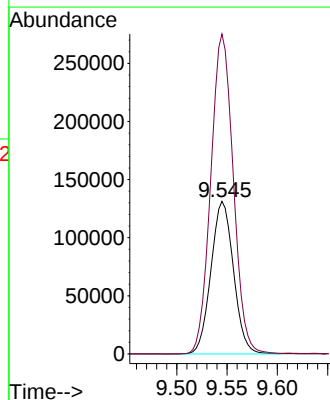
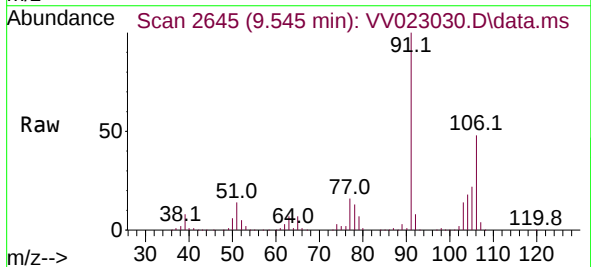
Instrument :
MSVOA_V
ClientSampleId :

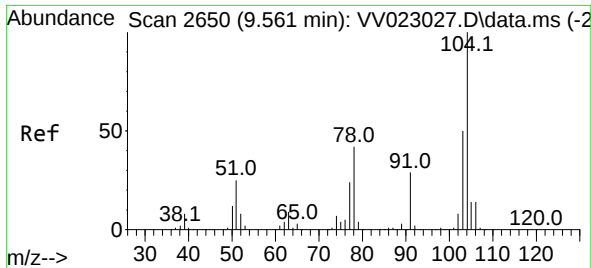
Tgt Ion:106 Resp: 207584
Ion Ratio Lower Upper
106 100
91 198.9 139.4 258.8



#54
o-Xylene
Concen: 55.569 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:106 Resp: 204770
Ion Ratio Lower Upper
106 100
91 209.7 148.7 276.1

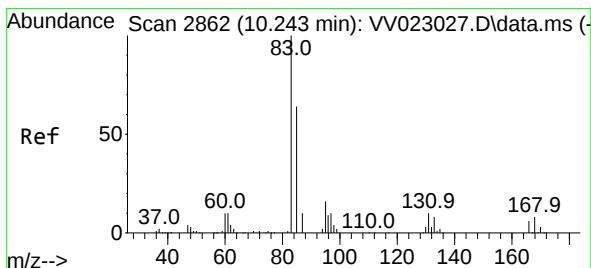
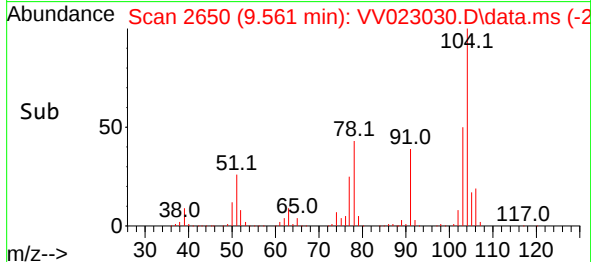
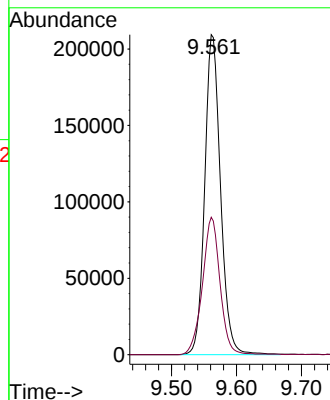
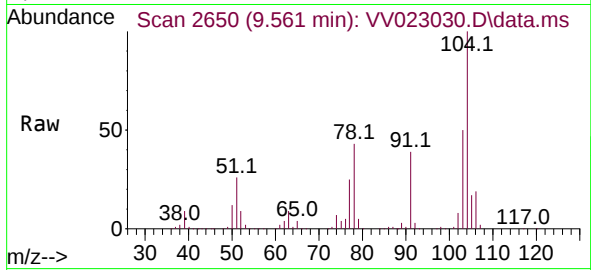




#55
Styrene
Concen: 56.213 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

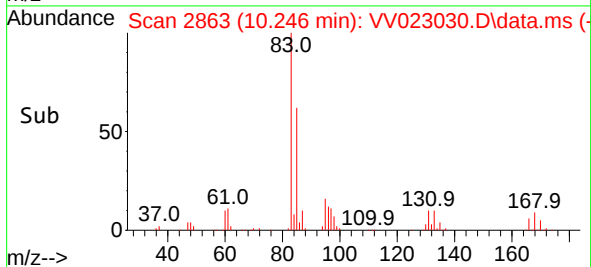
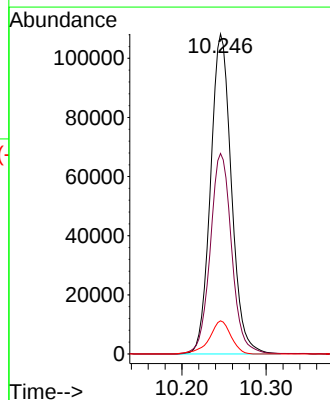
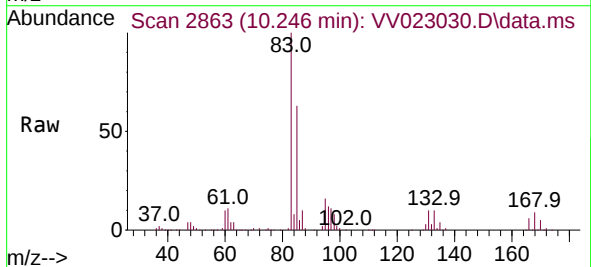
Instrument :
MSVOA_V
ClientSampled :

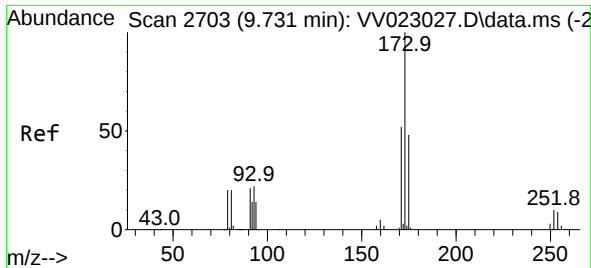
Tgt Ion:104 Resp: 355479
Ion Ratio Lower Upper
104 100
78 42.9 30.6 56.8



#57
1,1,2,2-Tetrachloroethane
Concen: 52.158 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion: 83 Resp: 186042
Ion Ratio Lower Upper
83 100
85 62.7 45.2 84.0
131 10.3 8.2 12.4

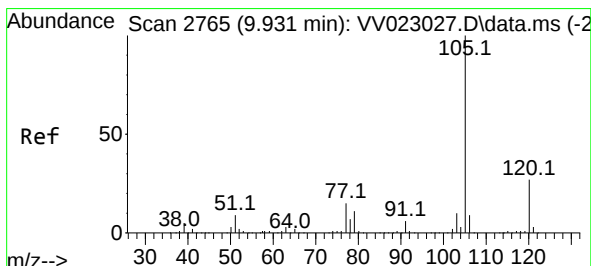
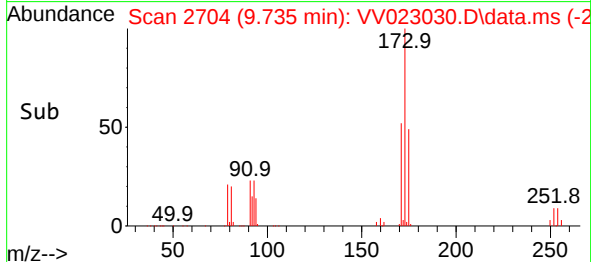
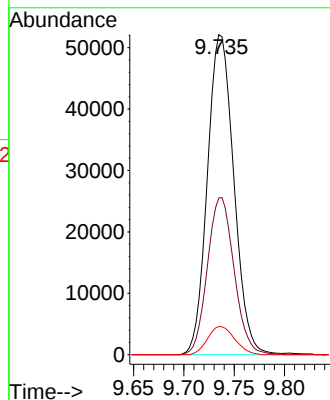
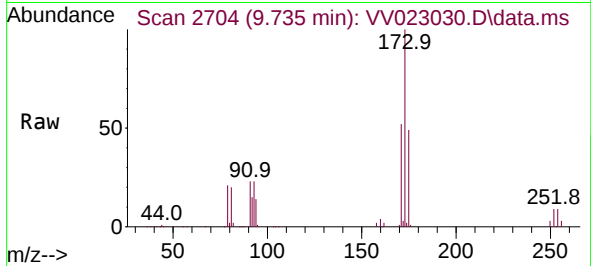




#59
Bromoform
Concen: 48.466 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

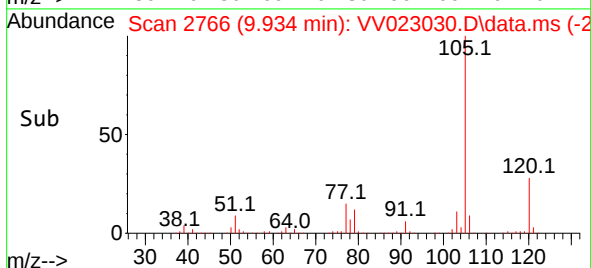
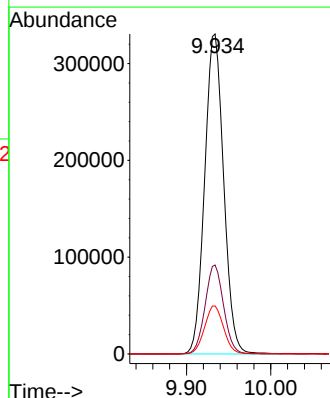
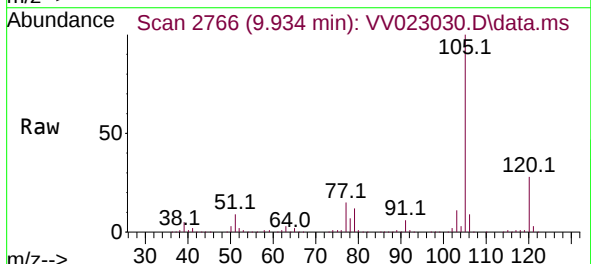
Instrument :
MSVOA_V
ClientSampleId :

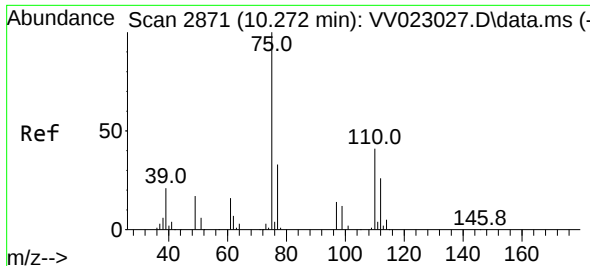
Tgt Ion:173 Resp: 95455
Ion Ratio Lower Upper
173 100
175 49.5 38.3 57.5
254 9.0 7.0 10.6



#60
Isopropylbenzene
Concen: 51.201 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:105 Resp: 518876
Ion Ratio Lower Upper
105 100
120 27.2 21.6 32.4
77 15.2 12.0 18.0



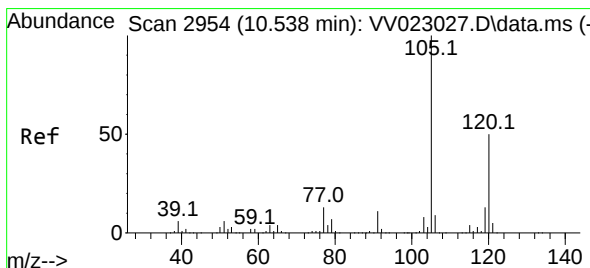
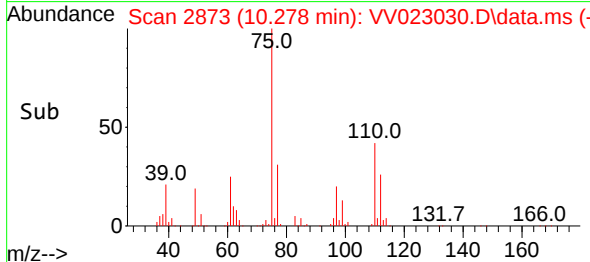
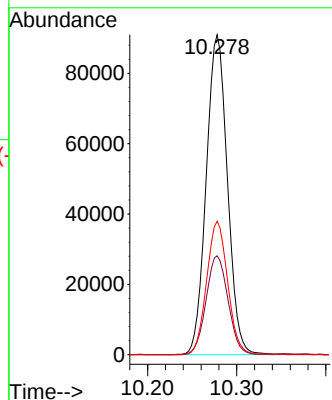
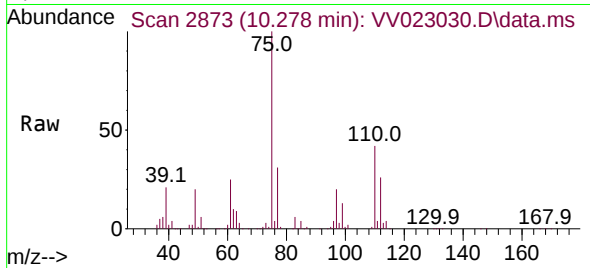


#61
 1,2,3-Trichloropropane
 Concen: 49.684 ug/L
 RT: 10.278 min Scan# 2873
 Delta R.T. 0.006 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 75 Resp: 150502

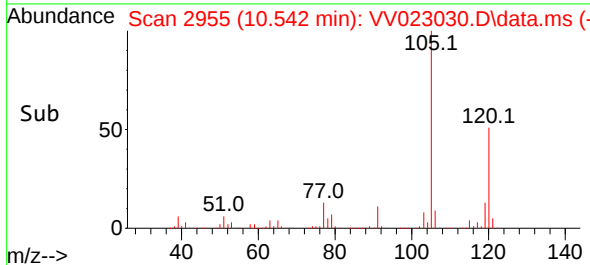
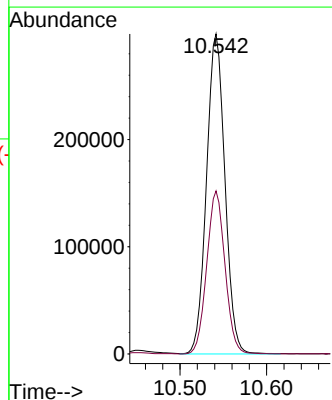
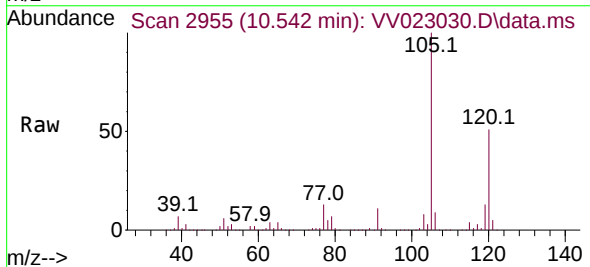
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.0	39.0
110	41.4	34.3	51.5

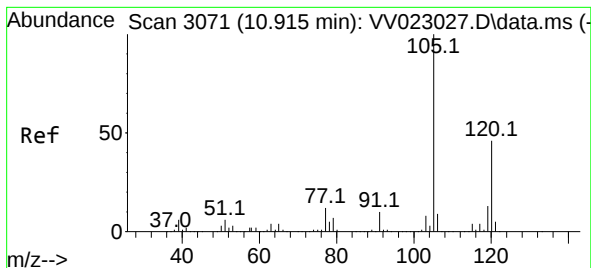


#62
 1,3,5-Trimethylbenzene
 Concen: 51.733 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

Tgt Ion: 105 Resp: 441426

Ion	Ratio	Lower	Upper
105	100		
120	50.5	39.7	59.5





#63

1,2,4-Trimethylbenzene

Concen: 54.756 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023030.D

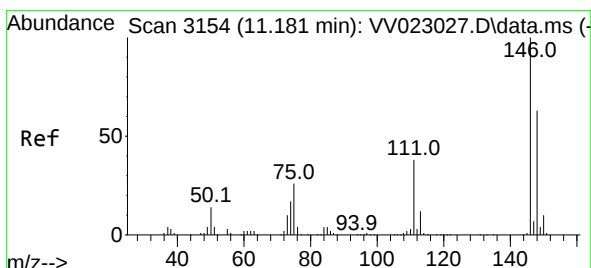
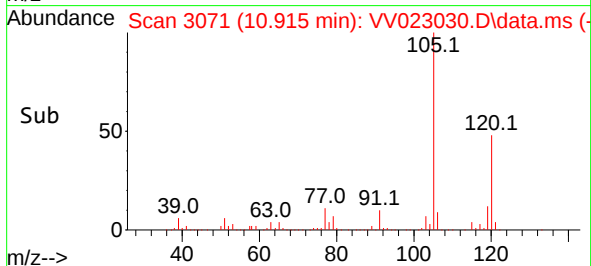
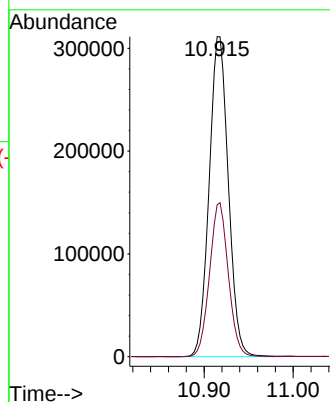
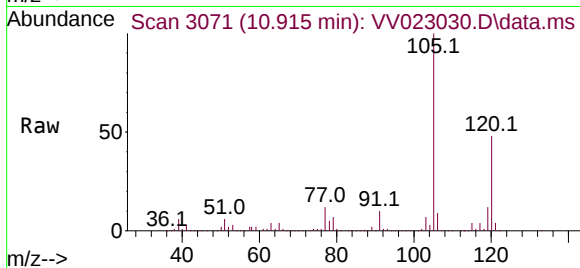
Acq: 25 Oct 2021 13:36

Tgt Ion:105 Resp: 464467

Ion Ratio Lower Upper

105 100

120 47.1 37.4 56.0



#64

1,3-Dichlorobenzene

Concen: 50.899 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023030.D

Acq: 25 Oct 2021 13:36

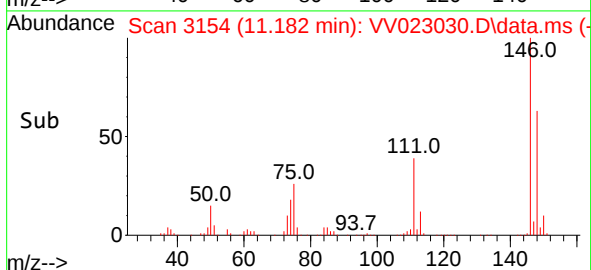
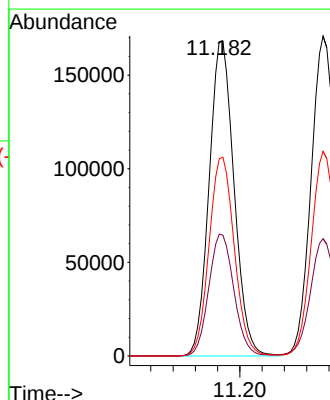
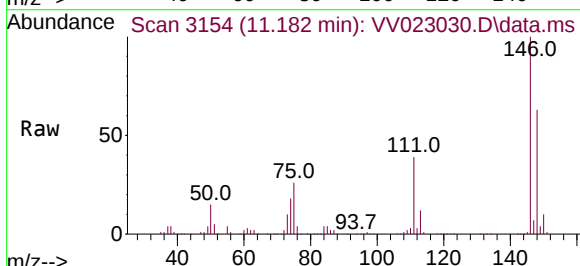
Tgt Ion:146 Resp: 261689

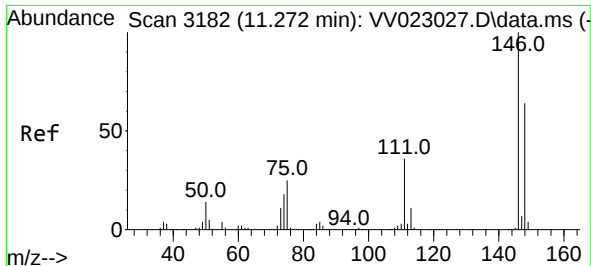
Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.3

148 62.8 44.6 82.8

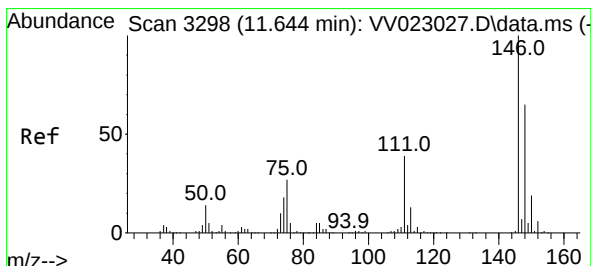
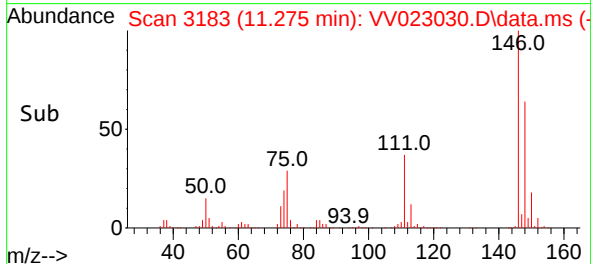
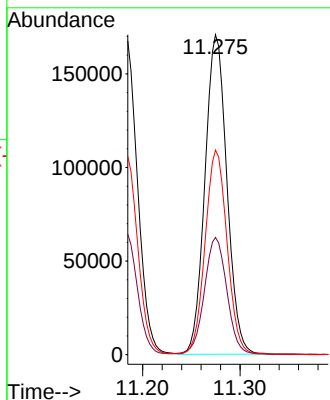
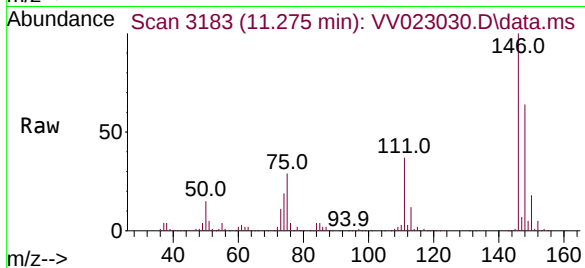




#65
1,4-Dichlorobenzene
Concen: 50.062 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

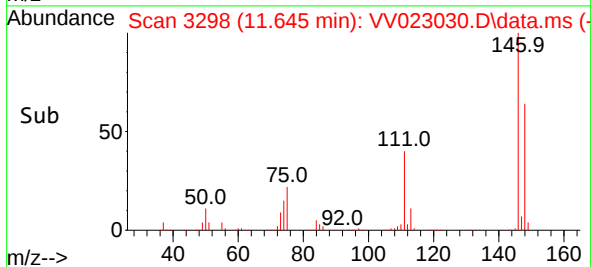
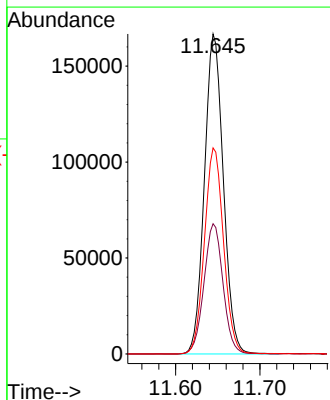
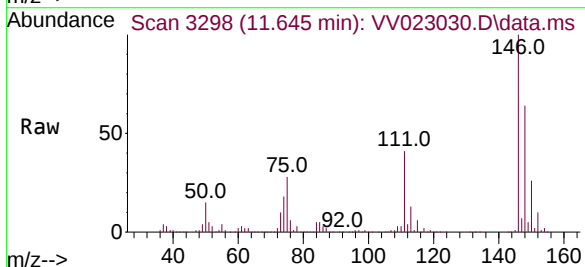
Instrument :
MSVOA_V
ClientSampled :

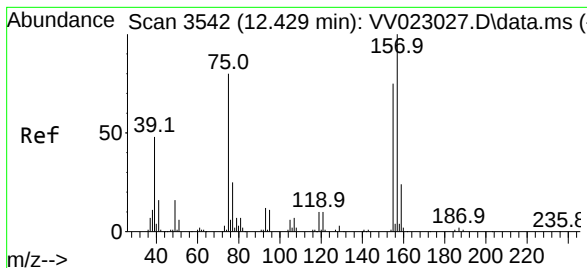
Tgt Ion:146 Resp: 267313
Ion Ratio Lower Upper
146 100
111 36.7 25.5 47.3
148 63.9 43.9 81.5



#67
1,2-Dichlorobenzene
Concen: 49.678 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:146 Resp: 261021
Ion Ratio Lower Upper
146 100
111 40.7 31.6 47.4
148 64.4 50.4 75.6

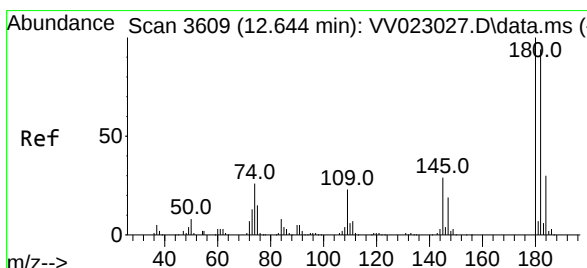
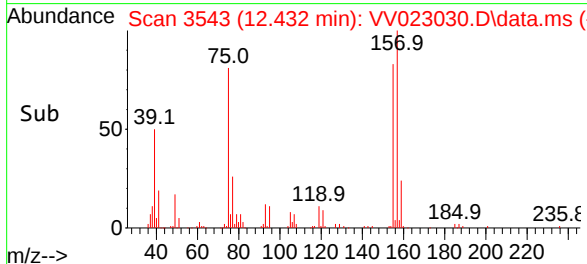
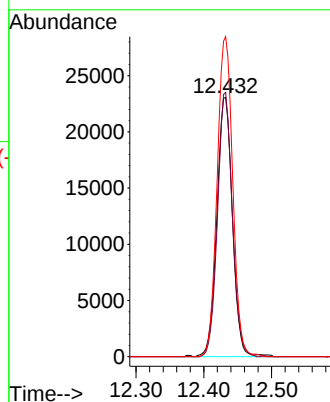
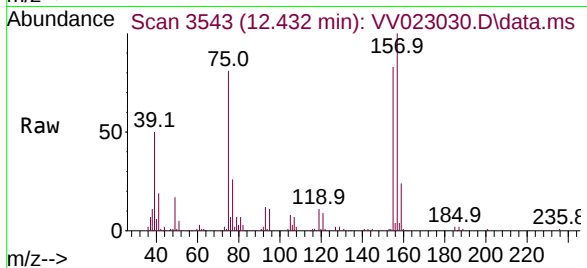




#68
1,2-Dibromo-3-chloropropane
Concen: 44.295 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

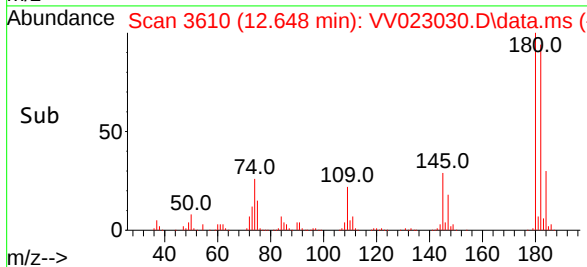
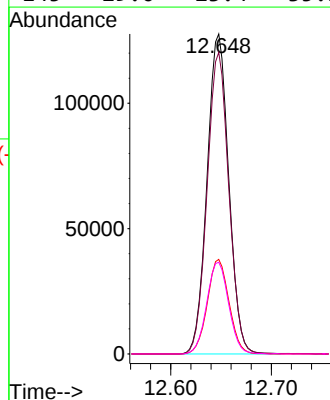
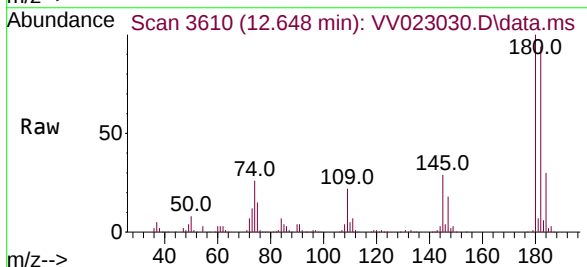
Instrument :
MSVOA_V
ClientSampleId :

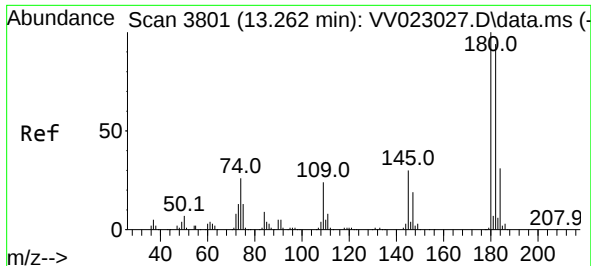
Tgt Ion: 75 Resp: 36762
Ion Ratio Lower Upper
75 100
155 102.0 79.1 118.7
157 123.5 104.2 156.2



#69
1,3,5-Trichlorobenzene
Concen: 50.023 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:180 Resp: 191095
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.4
184 29.6 23.6 35.4
145 29.0 23.4 35.2

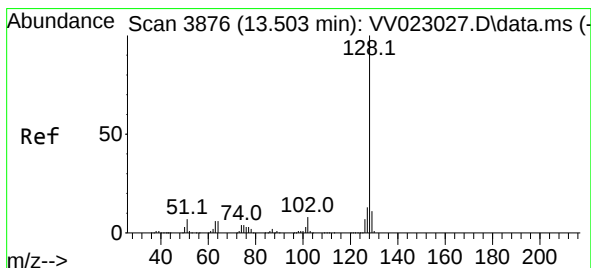
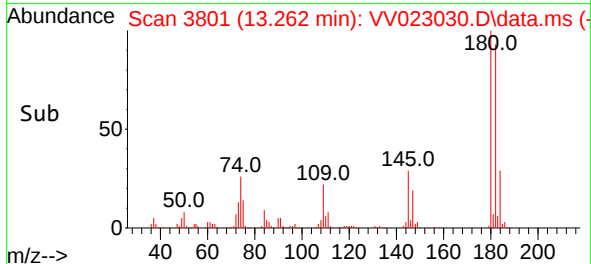
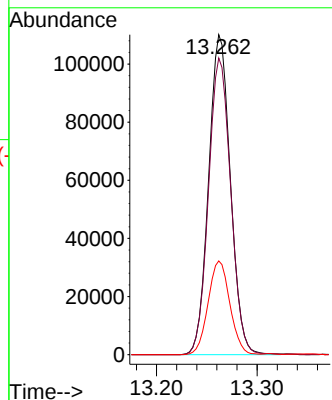
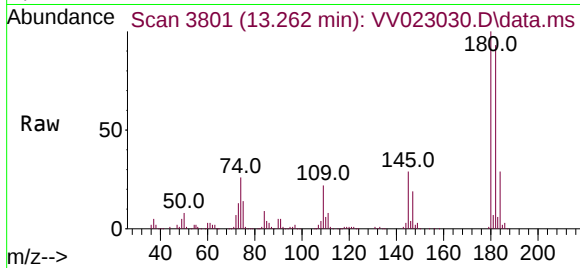




#70
1,2,4-trichlorobenzene
Concen: 48.225 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

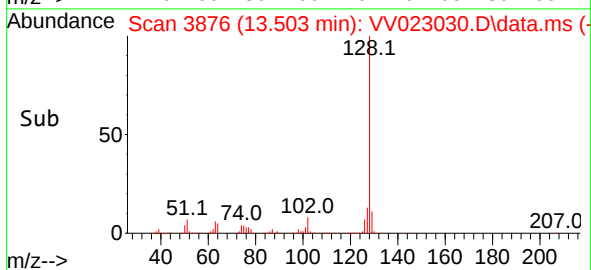
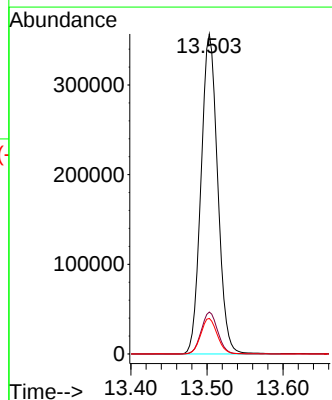
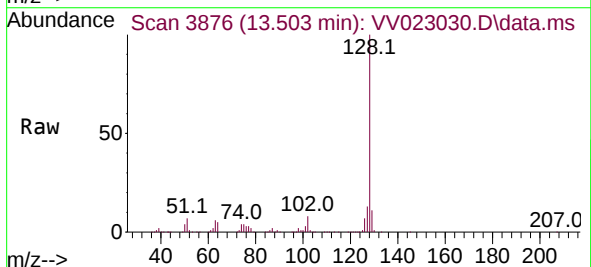
Instrument :
MSVOA_V
ClientSampled :

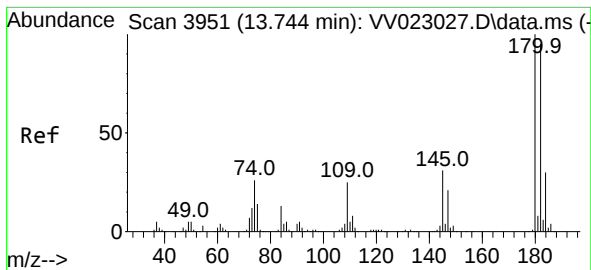
Tgt Ion:180 Resp: 165664
Ion Ratio Lower Upper
180 100
182 94.5 75.5 113.3
145 29.3 23.0 34.4



#71
Naphthalene
Concen: 47.873 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023030.D
Acq: 25 Oct 2021 13:36

Tgt Ion:128 Resp: 541530
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 47.944 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.000 min
 Lab File: VV023030.D
 Acq: 25 Oct 2021 13:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 170229
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.1 114.1
 145 30.6 24.6 36.8

