

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023031.D
 Acq On : 25 Oct 2021 14:00
 Operator : SY/MD
 Sample : M4070-03MEMSD
 Misc : 5.23/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 00:56:06 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	332206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	333625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81306	39.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.140%
7) Chloroethane-d5	1.568	69	49138	30.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.860%#
11) 1,1-Dichloroethene-d2	2.092	63	136455	33.683	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.360%
21) 2-Butanone-d5	3.921	46	32426	28.672	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	28.670%#
24) Chloroform-d	4.346	84	180725	48.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
26) 1,2-Dichloroethane-d4	5.034	65	108045	49.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
32) Benzene-d6	5.047	84	352550	45.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
36) 1,2-Dichloropropane-d6	6.069	67	111974	47.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.317	98	321802	45.390	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
43) trans-1,3-Dichloroprop...	7.625	79	54461	48.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.760%
47) 2-Hexanone-d5	8.111	63	97079	98.491	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.490%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	157355	47.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	11.628	152	135935	45.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	116522	35.072	ug/L	99
3) Chloromethane	1.240	50	137503	41.620	ug/L	98
5) Vinyl chloride	1.307	62	123083	39.304	ug/L	99
6) Bromomethane	1.520	94	62455	28.564	ug/L	98
8) Chloroethane	1.584	64	58720	30.745	ug/L	98
9) Trichlorofluoromethane	1.745	101	147071	34.193	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	71705	29.450	ug/L	99
12) 1,1-Dichloroethene	2.102	96	74212	31.980	ug/L	93
13) Acetone	2.195	43	45285	31.699	ug/L #	1
14) Carbon disulfide	2.275	76	271510	38.732	ug/L	99
15) Methyl Acetate	2.439	43	150819	57.871	ug/L	99
16) Methylene chloride	2.500	84	147528	50.599	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	120423	47.273	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	403132	51.259	ug/L	99
19) 1,1-Dichloroethane	3.182	63	228849	50.772	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	134785	49.666	ug/L	97
22) 2-Butanone	4.002	43	181523	96.501	ug/L	99
23) Bromochloromethane	4.246	128	75990	50.967	ug/L	90
25) Chloroform	4.375	83	233262	51.428	ug/L	99

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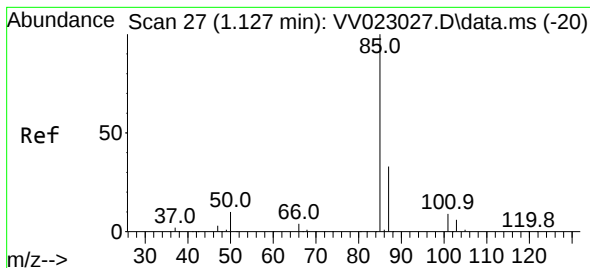
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	173103	52.705	ug/L	100
29) Cyclohexane	4.667	56	168945	43.445	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	187427	44.972	ug/L	99
31) Carbon tetrachloride	4.822	117	155644	42.511	ug/L	98
33) Benzene	5.095	78	508755	49.388	ug/L	100
34) Trichloroethene	5.912	95	127071	47.244	ug/L	97
35) Methylcyclohexane	6.127	83	178991	43.889	ug/L	97
37) 1,2-Dichloropropane	6.172	63	134302	50.921	ug/L	99
38) Bromodichloromethane	6.513	83	170130	49.660	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	205774	51.878	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	370188	99.892	ug/L	97
42) Toluene	7.387	91	544961	50.221	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	199611	52.269	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	136602	50.034	ug/L	98
46) Tetrachloroethene	7.976	164	99926	44.379	ug/L	99
48) 2-Hexanone	8.166	43	297347	104.908	ug/L #	67
49) Dibromochloromethane	8.249	129	148318	50.200	ug/L	99
50) 1,2-Dibromoethane	8.355	107	146256	49.756	ug/L	99
51) Chlorobenzene	8.883	112	358583	49.681	ug/L	99
52) Ethylbenzene	9.014	91	566368	50.150	ug/L	100
53) m,p-Xylene	9.140	106	223942	50.049	ug/L	99
54) o-Xylene	9.545	106	227593	52.208	ug/L	99
55) Styrene	9.564	104	404671	54.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.249	83	209258	49.591	ug/L	100
59) Bromoform	9.738	173	108501	48.288	ug/L	98
60) Isopropylbenzene	9.934	105	562504	48.653	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	169018	48.908	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	484761	49.798	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	503685	52.048	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	291639	49.721	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	295365	48.486	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	292976	48.876	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41725	44.068	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	207135	47.527	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	183644	46.859	ug/L	98
71) Naphthalene	13.503	128	602928	46.720	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	192434	47.507	ug/L	99

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

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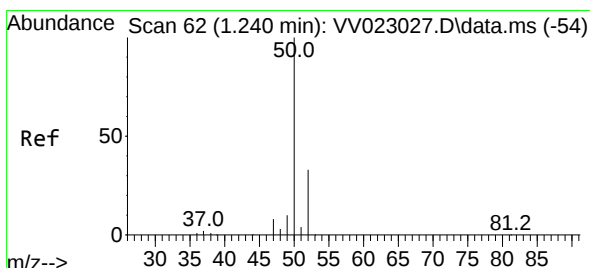
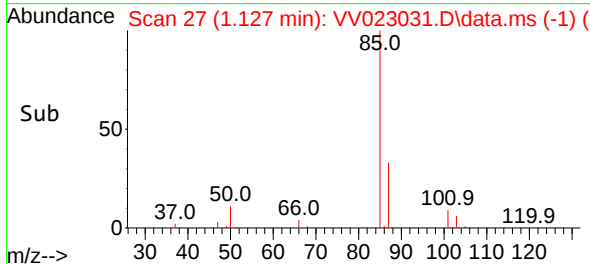
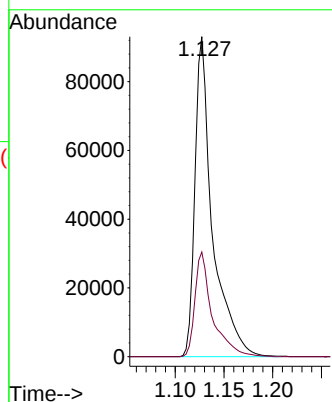
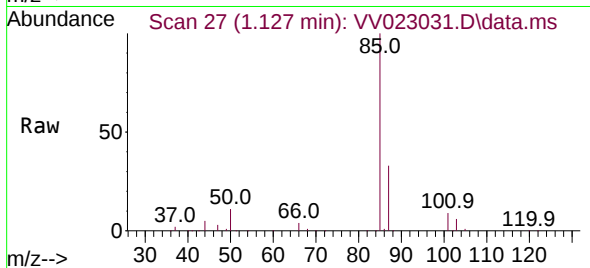




#2
 Dichlorodifluoromethane
 Concen: 35.072 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV023031.D
 Acq: 25 Oct 2021 14:00

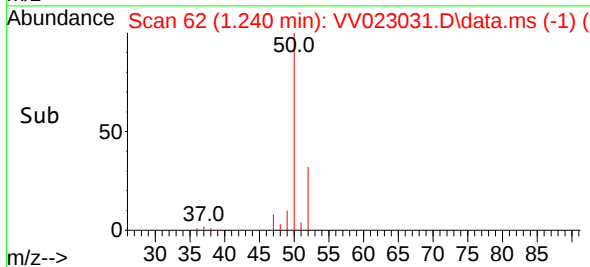
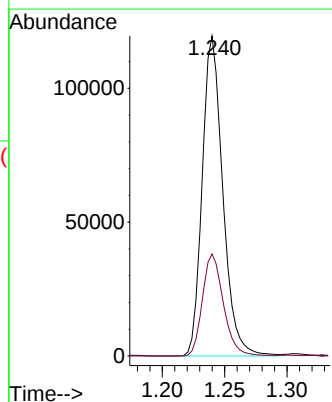
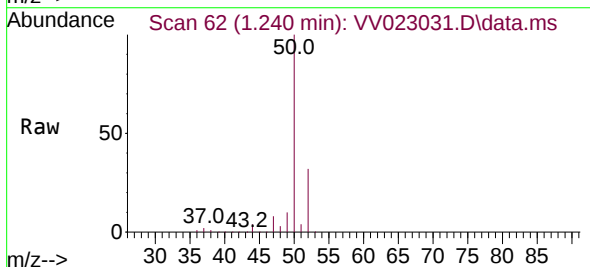
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 MSVOA_V
 ClientSampled :

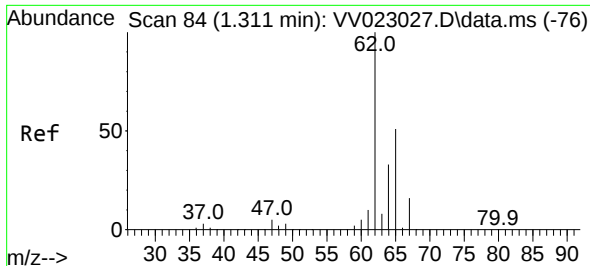
Tgt Ion: 85 Resp: 116522
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 41.620 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023031.D
 Acq: 25 Oct 2021 14:00

Tgt Ion: 50 Resp: 137503
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.0 42.8

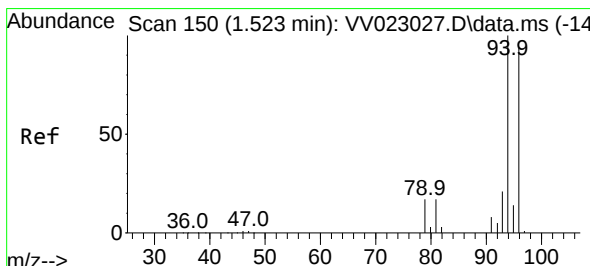
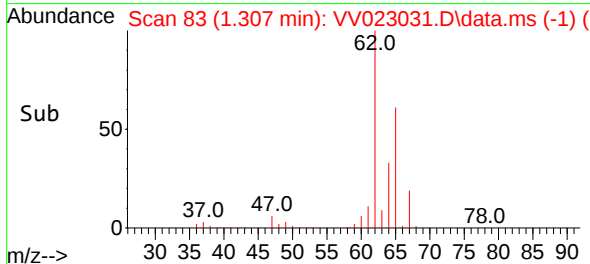
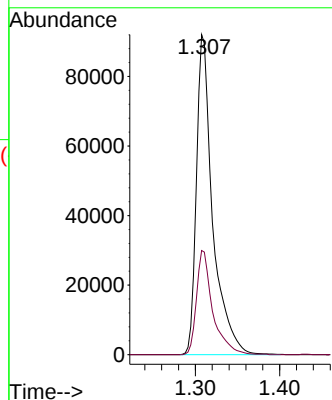
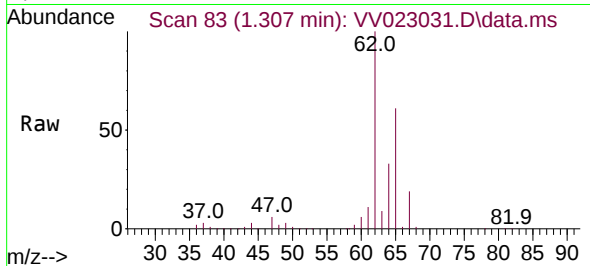




#5
 Vinyl chloride
 Concen: 39.304 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV023031.D
 Acq: 25 Oct 2021 14:00

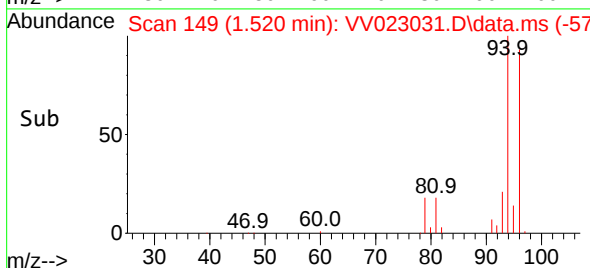
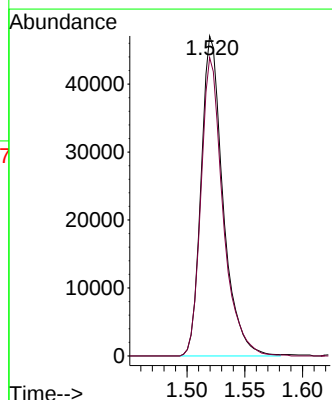
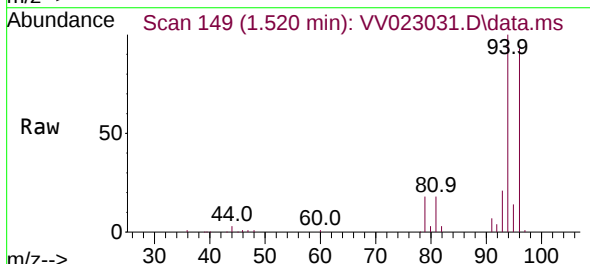
Instrument :
 MSVOA_V
 ClientSampled :

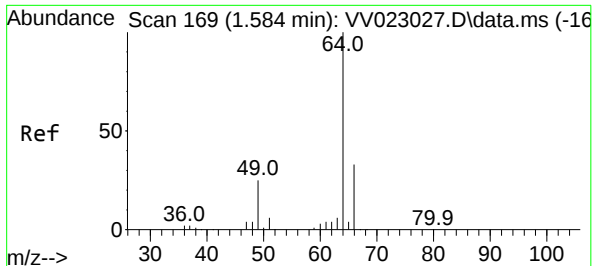
Tgt Ion: 62 Resp: 123083
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.5 41.9



#6
 Bromomethane
 Concen: 28.564 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023031.D
 Acq: 25 Oct 2021 14:00

Tgt Ion: 94 Resp: 62455
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.4 123.2

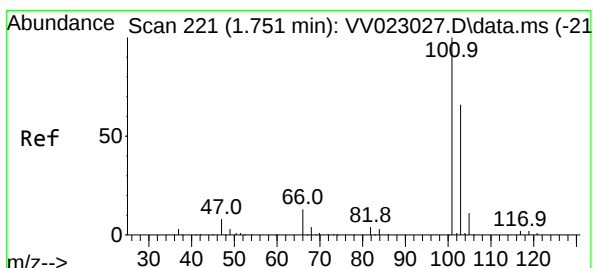
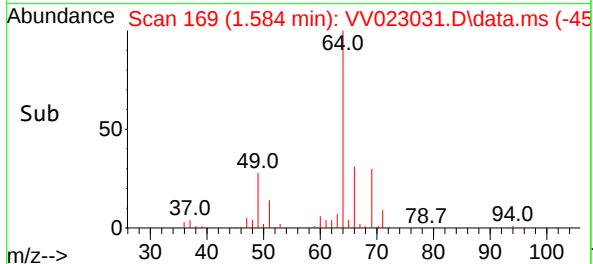
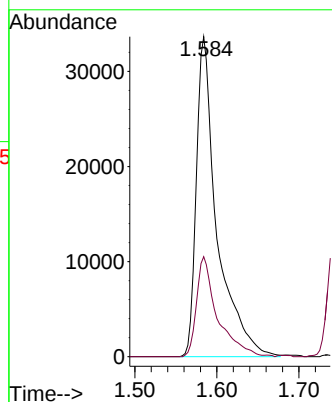
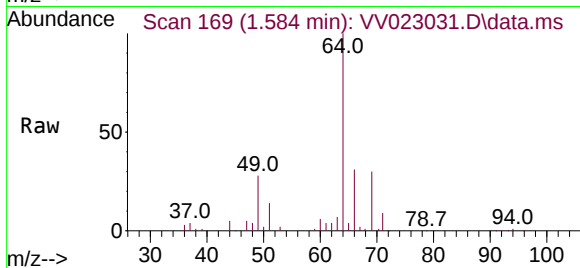




#8
Chloroethane
Concen: 30.745 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

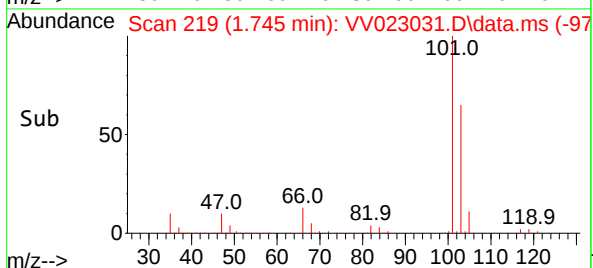
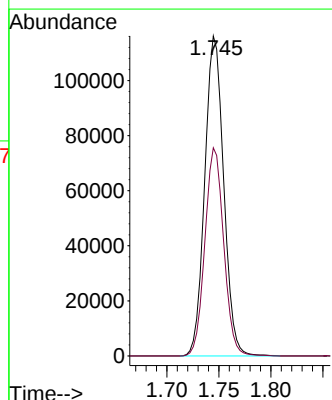
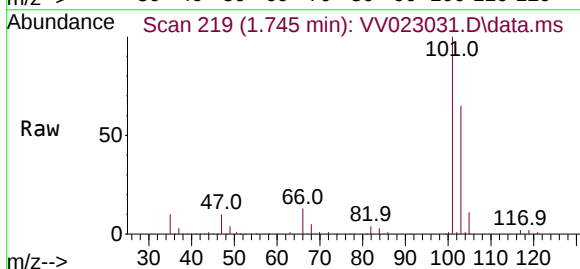
Instrument :
MSVOA_V
ClientSampled :

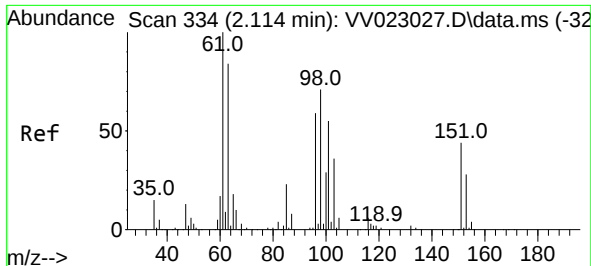
Tgt Ion: 64 Resp: 58720
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 34.193 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:101 Resp: 147071
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5





#10

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

Concen: 29.450 ug/L

RT: 2.102 min Scan# 330

Delta R.T. -0.013 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion:101 Resp: 71705

Ion Ratio Lower Upper

101 100

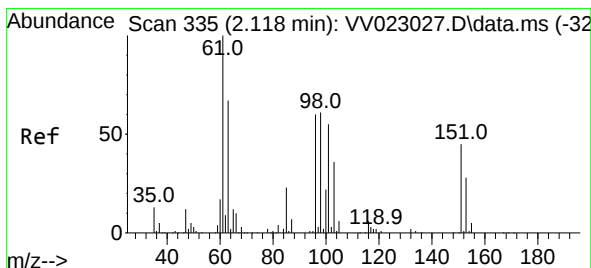
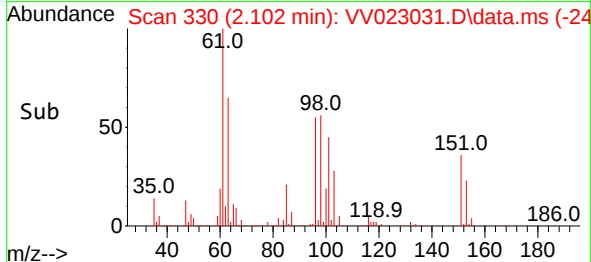
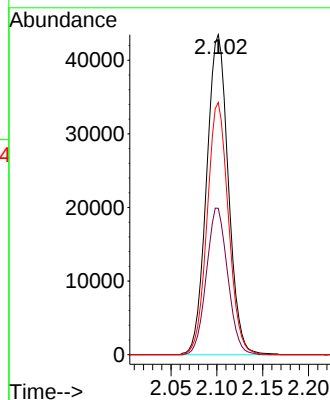
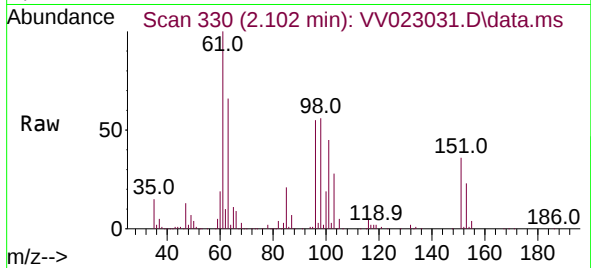
85 44.9 34.7 52.1

151 77.1 61.3 91.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 31.980 ug/L

RT: 2.102 min Scan# 330

Delta R.T. -0.016 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

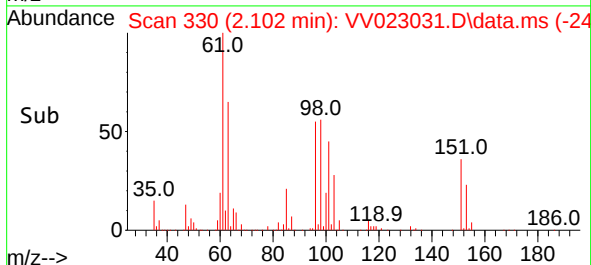
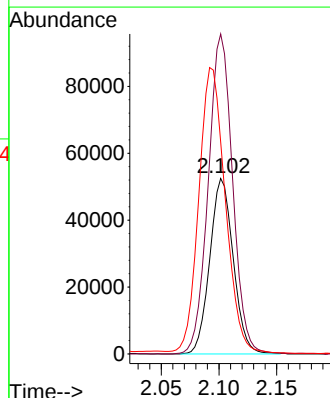
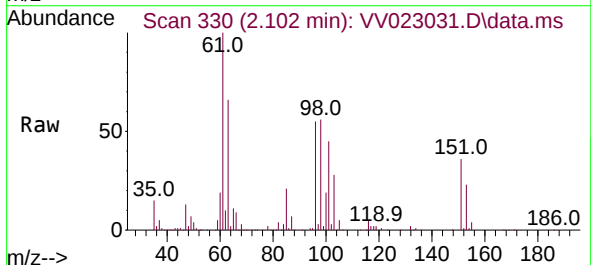
Tgt Ion: 96 Resp: 74212

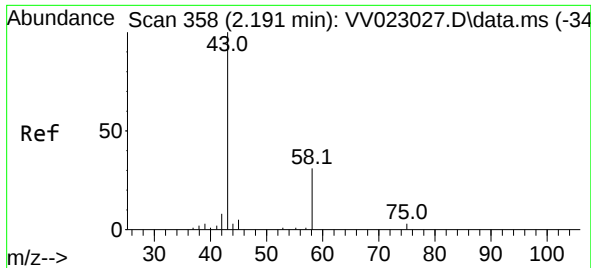
Ion Ratio Lower Upper

96 100

61 182.2 118.0 219.2

63 120.7 86.4 160.4

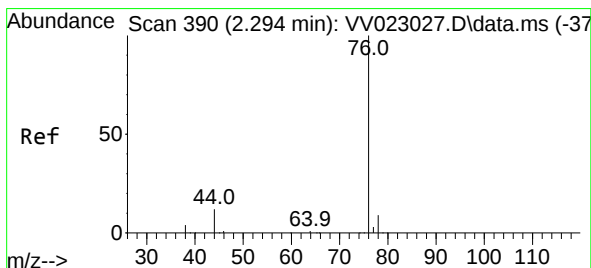
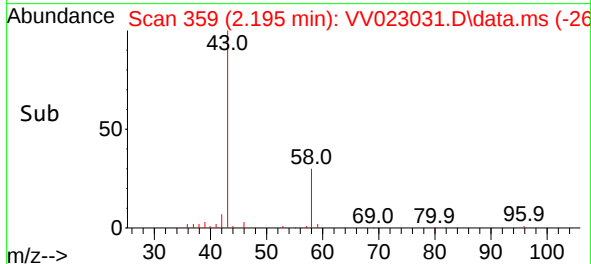
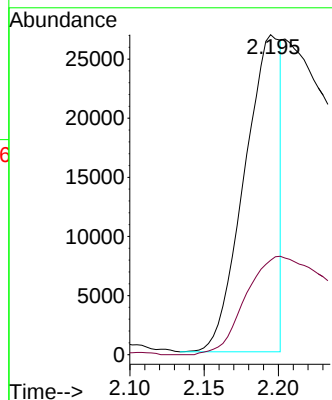
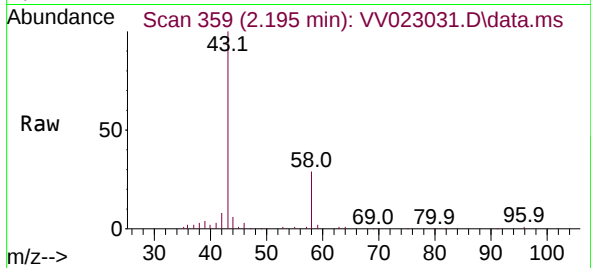




#13
Acetone
Concen: 31.699 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

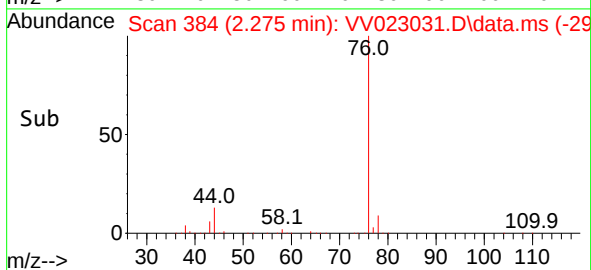
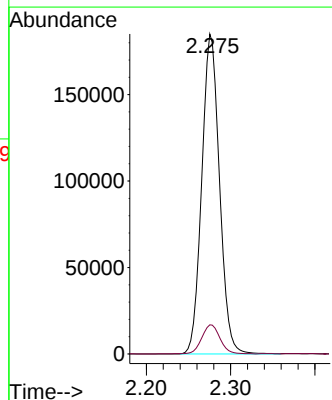
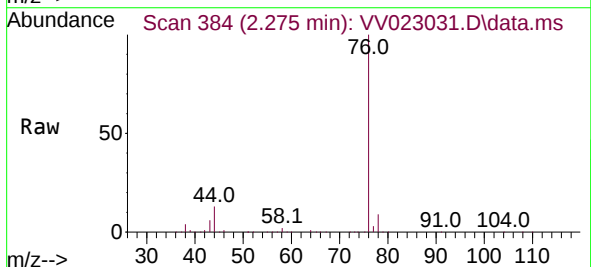
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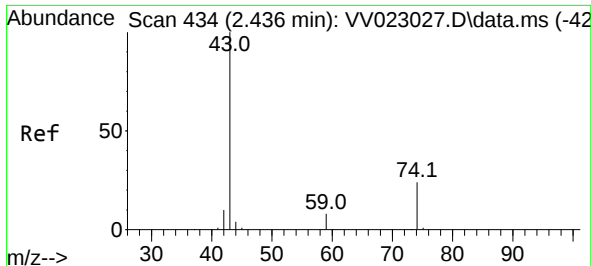
Tgt Ion: 43 Resp: 45285
Ion Ratio Lower Upper
43 100
58 71.2 0.0 21.2#



#14
Carbon disulfide
Concen: 38.732 ug/L
RT: 2.275 min Scan# 384
Delta R.T. -0.019 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 76 Resp: 271510
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

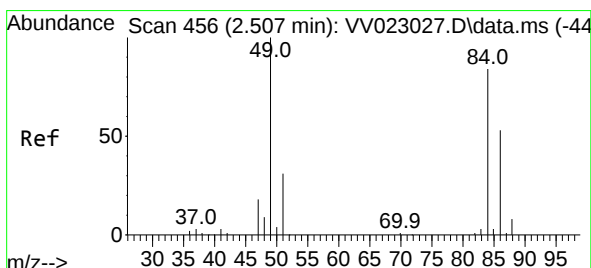
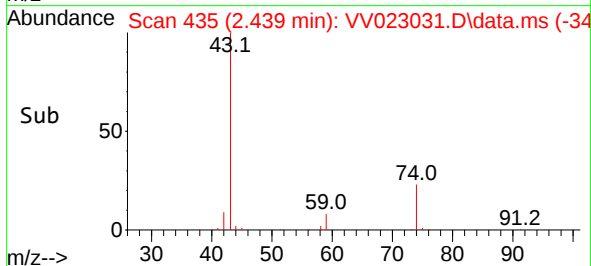
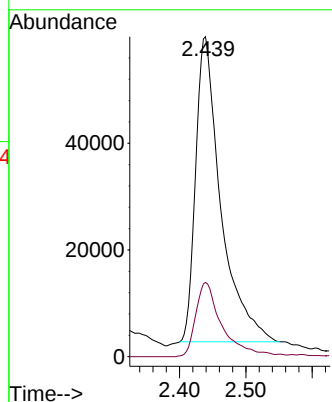
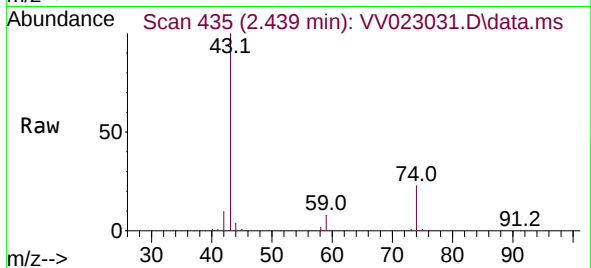




#15
Methyl Acetate
Concen: 57.871 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

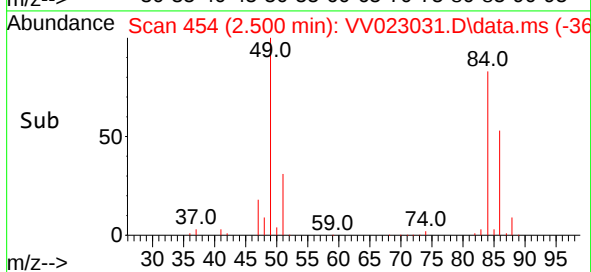
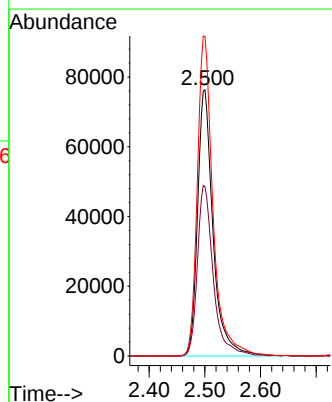
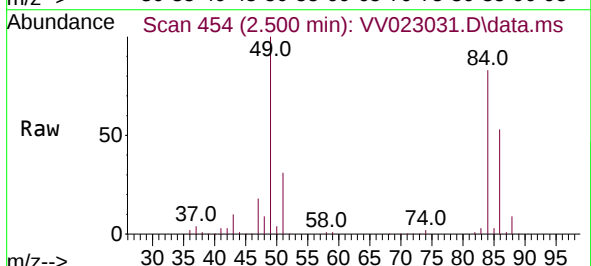
Instrument :
MSVOA_V
ClientSampled :

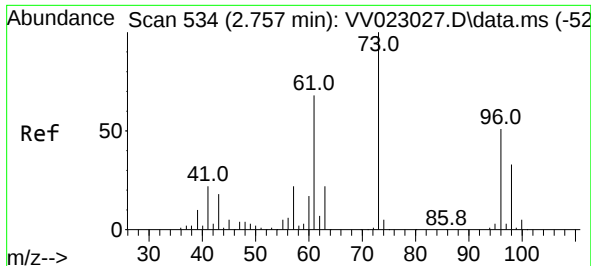
Tgt Ion: 43 Resp: 150819
Ion Ratio Lower Upper
43 100
74 25.3 20.6 30.8



#16
Methylene chloride
Concen: 50.599 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 84 Resp: 147528
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 120.0 82.7 153.7

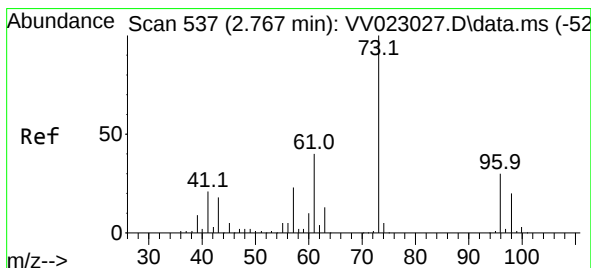
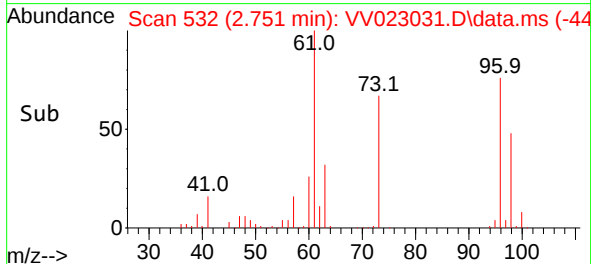
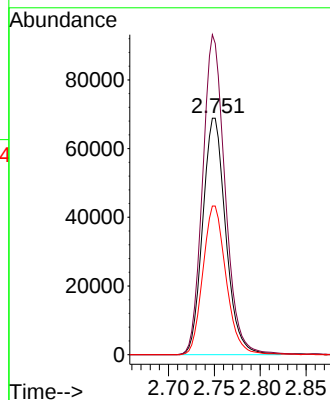
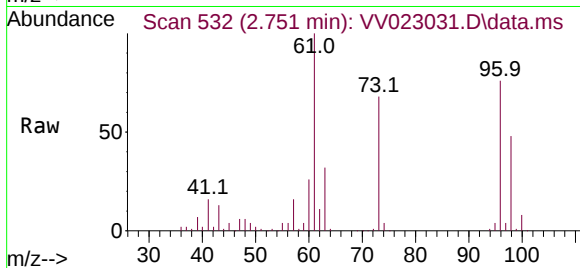




#17
trans-1,2-Dichloroethene
Concen: 47.273 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

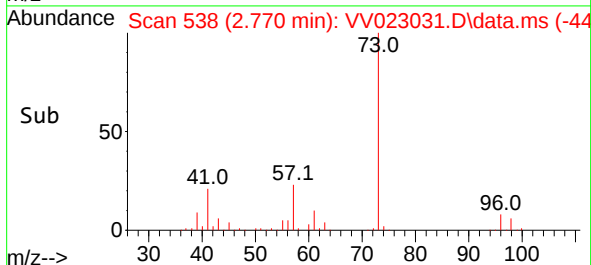
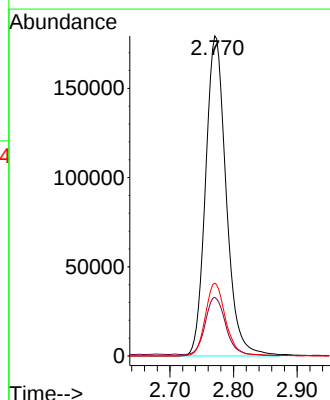
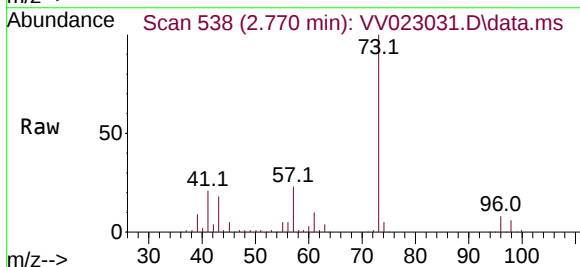
Instrument :
MSVOA_V
ClientSampleId :

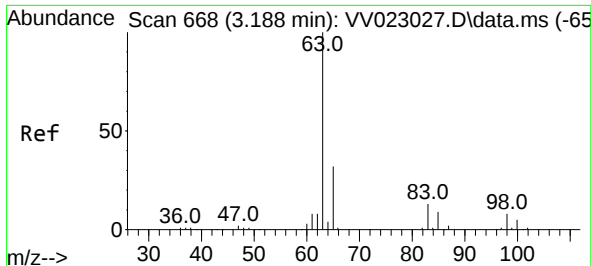
Tgt Ion: 96 Resp: 120423
Ion Ratio Lower Upper
96 100
61 131.6 90.8 168.6
98 62.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 51.259 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 73 Resp: 403132
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.772 ug/L

RT: 3.182 min Scan# 666

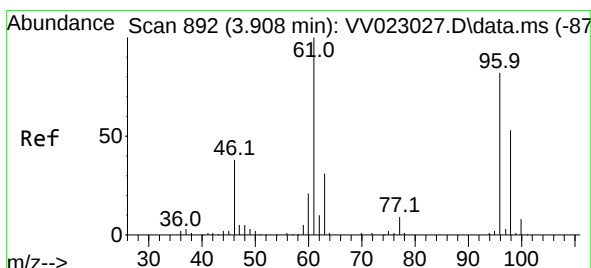
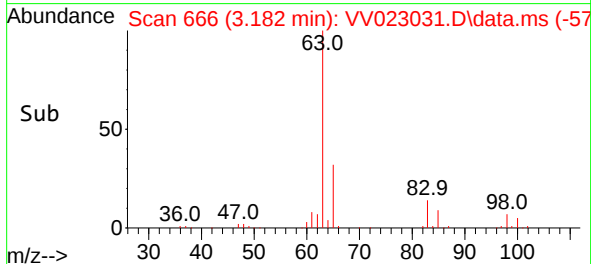
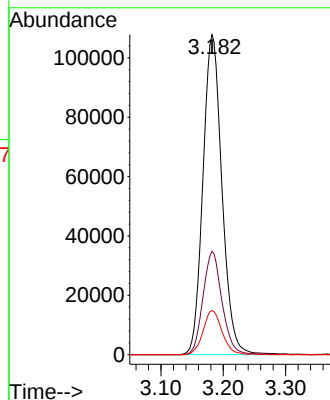
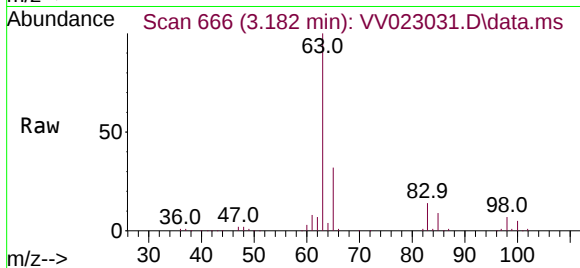
Delta R.T. -0.006 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion: 63 Resp: 228849

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.9	42.5
83	13.8	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 49.666 ug/L

RT: 3.905 min Scan# 891

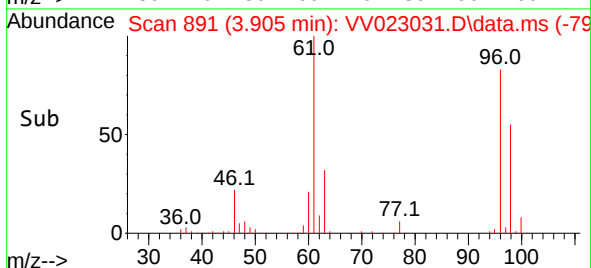
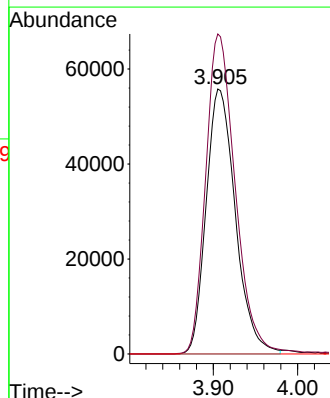
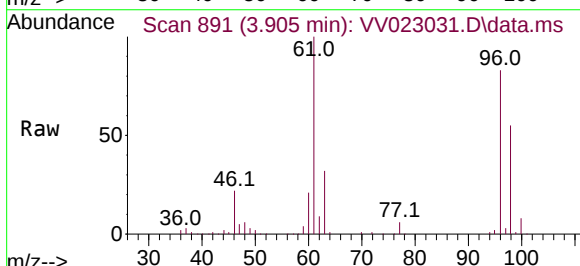
Delta R.T. -0.003 min

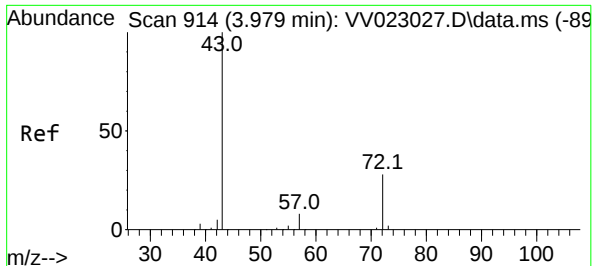
Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion: 96 Resp: 134785

Ion	Ratio	Lower	Upper
96	100		
61	120.8	81.9	152.1
68	0.0	0.0	0.0

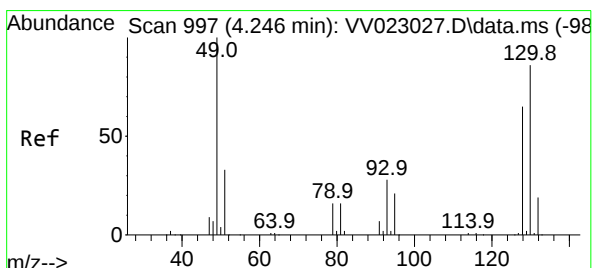
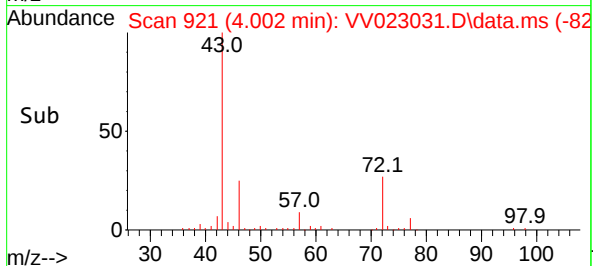
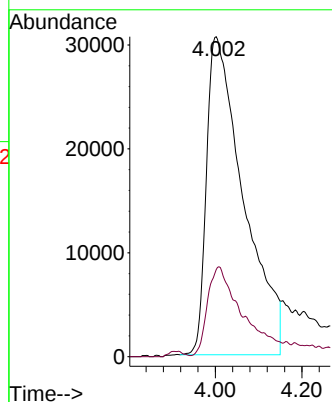
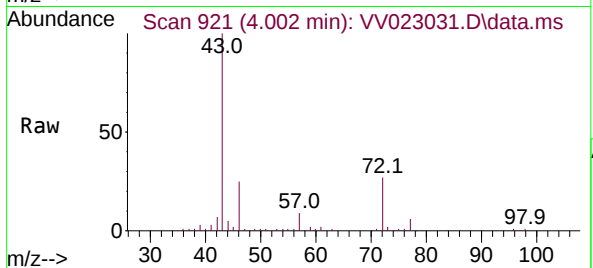




#22
2-Butanone
Concen: 96.501 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.023 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

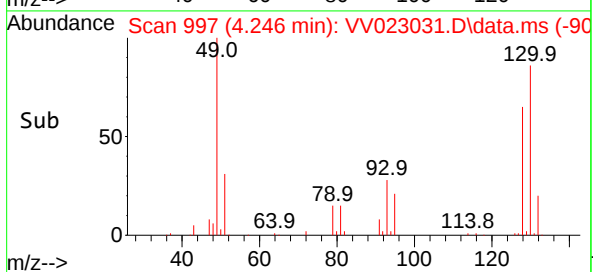
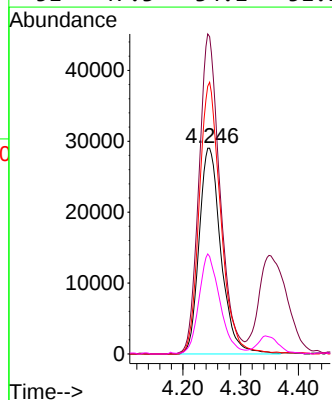
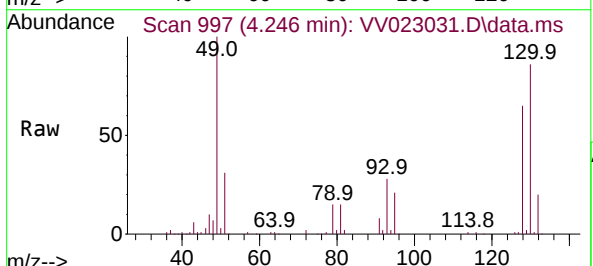
Instrument :
MSVOA_V
ClientSampled :

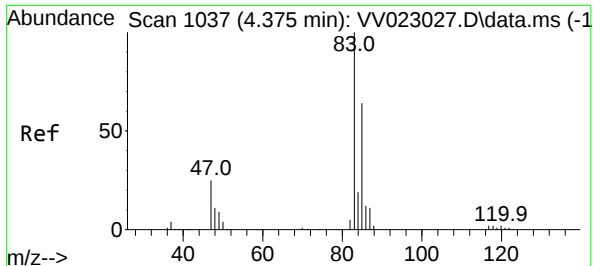
Tgt Ion: 43 Resp: 181523
Ion Ratio Lower Upper
43 100
72 19.5 10.0 29.8



#23
Bromochloromethane
Concen: 50.967 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:128 Resp: 75990
Ion Ratio Lower Upper
128 100
49 154.1 97.2 180.4
130 132.0 86.3 160.3
51 47.3 34.1 51.1





#25

Chloroform

Concen: 51.428 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion: 83 Resp: 233262

Ion Ratio Lower Upper

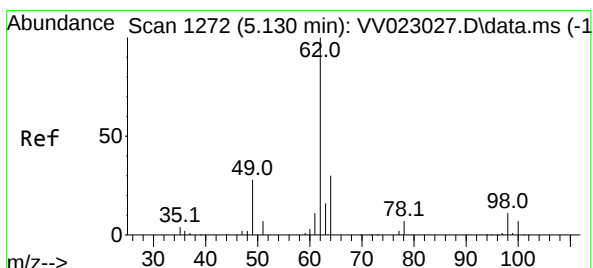
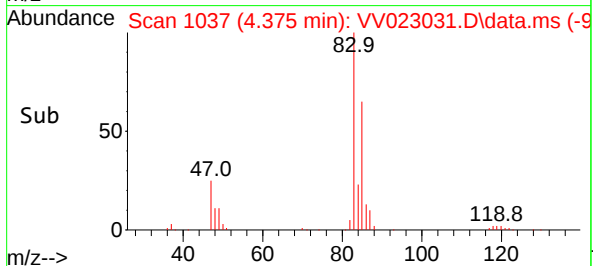
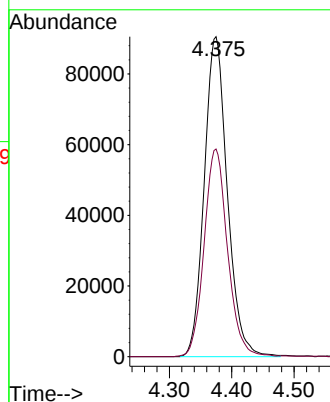
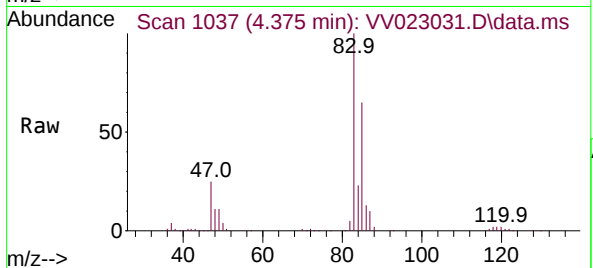
83 100

85 64.9 45.8 85.0

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 52.705 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV023031.D

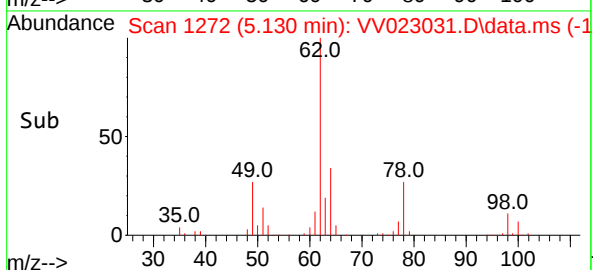
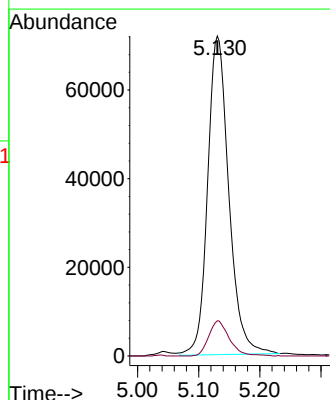
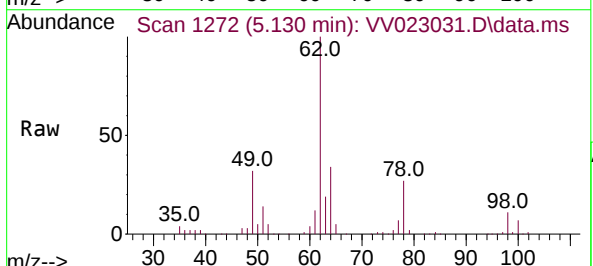
Acq: 25 Oct 2021 14:00

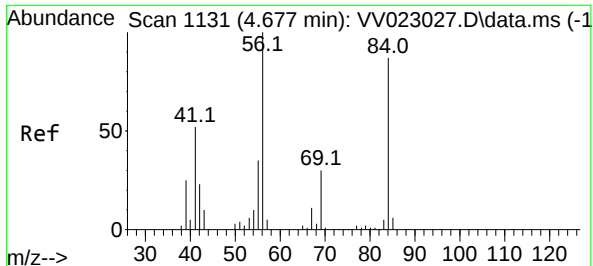
Tgt Ion: 62 Resp: 173103

Ion Ratio Lower Upper

62 100

98 11.0 9.0 13.4





#29

Cyclohexane

Concen: 43.445 ug/L

RT: 4.667 min Scan# 1128

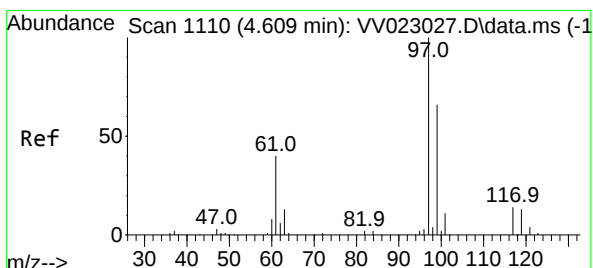
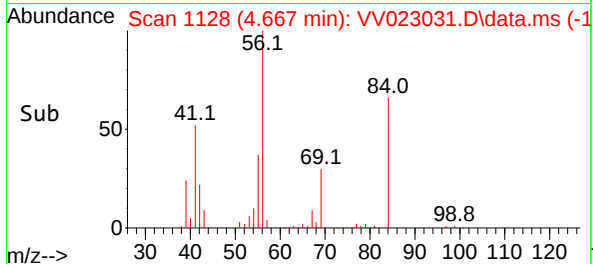
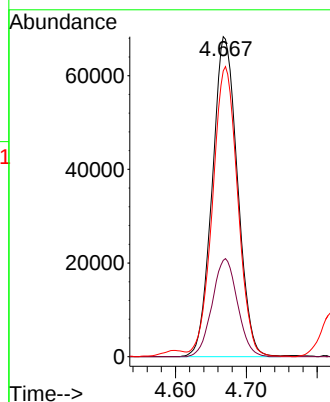
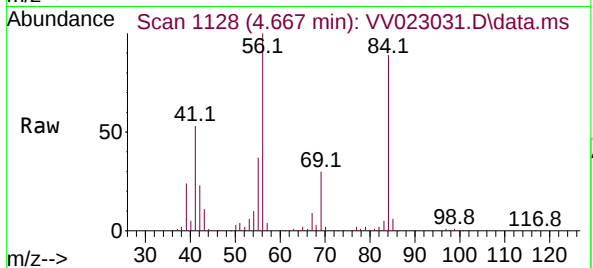
Delta R.T. -0.010 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion:	56	Resp:	168945
Ion Ratio	Lower	Upper	
56	100		
69	30.7	24.9	37.3
84	90.5	73.9	110.9

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 44.972 ug/L

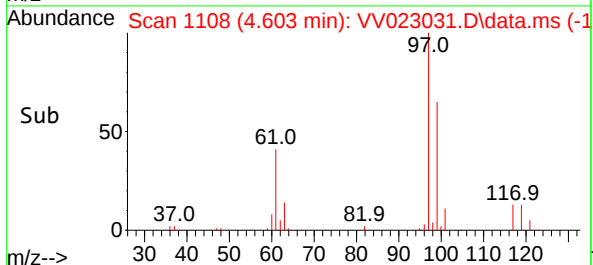
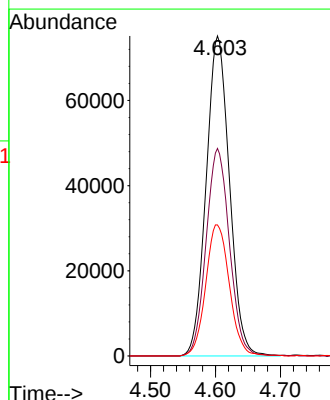
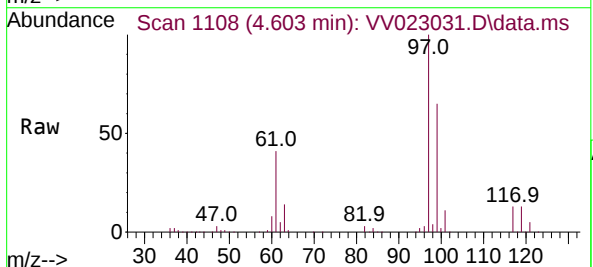
RT: 4.603 min Scan# 1108

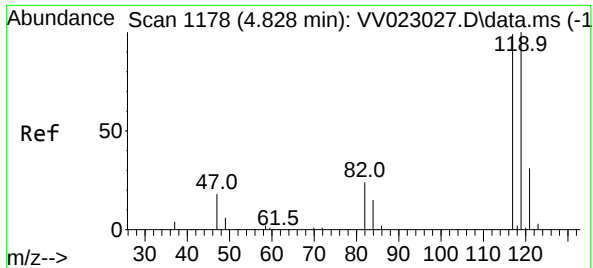
Delta R.T. -0.006 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion:	97	Resp:	187427
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.7	77.5
61	41.7	32.9	49.3

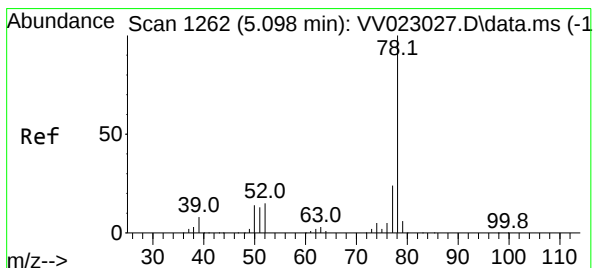
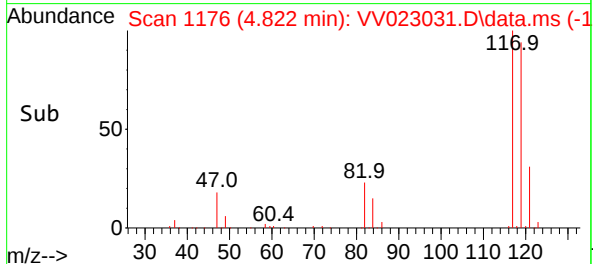
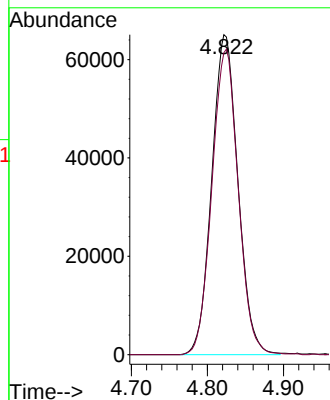
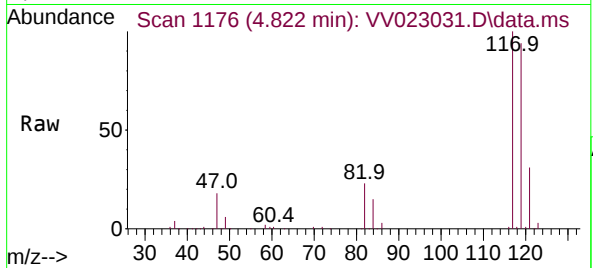




#31
Carbon tetrachloride
Concen: 42.511 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

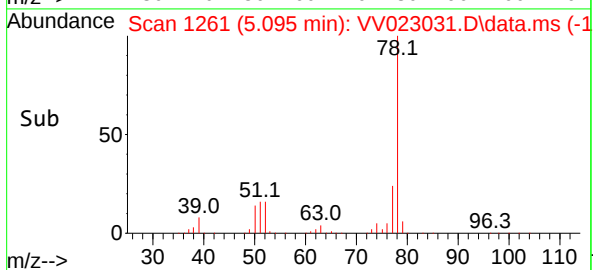
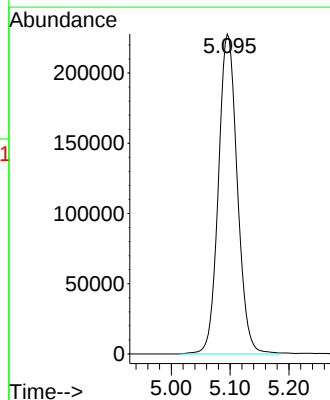
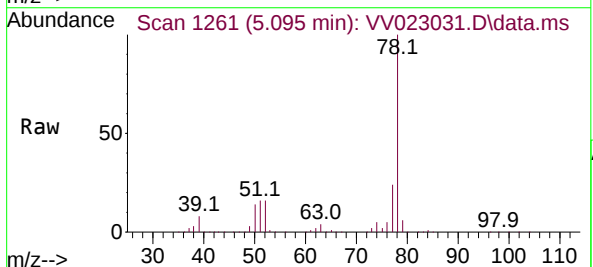
Instrument :
MSVOA_V
ClientSampleId :

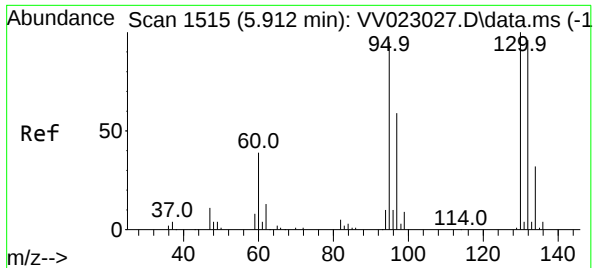
Tgt Ion:117 Resp: 155644
Ion Ratio Lower Upper
117 100
119 95.9 78.3 117.5



#33
Benzene
Concen: 49.388 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 78 Resp: 508755

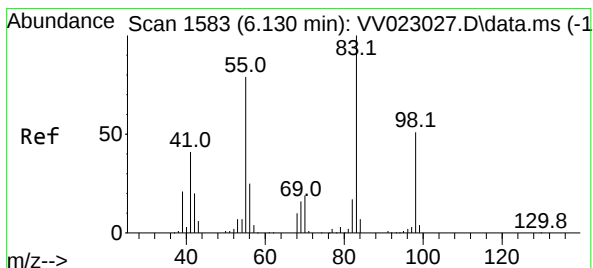
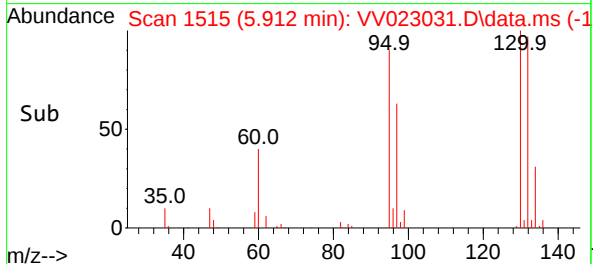
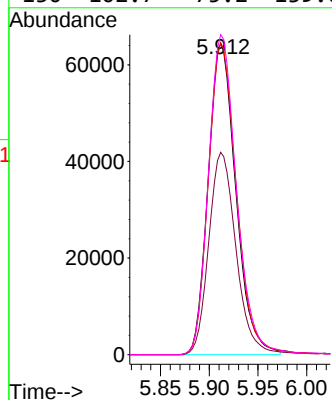
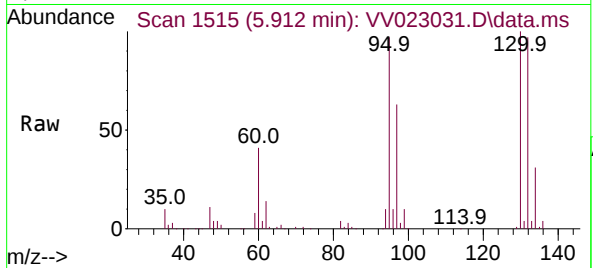




#34
Trichloroethene
Concen: 47.244 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

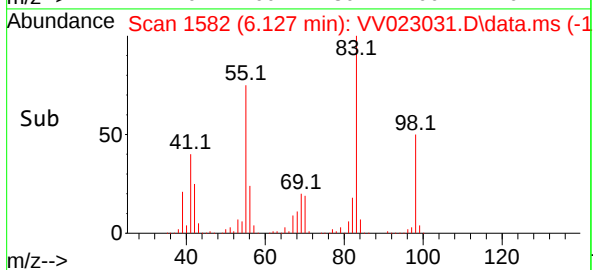
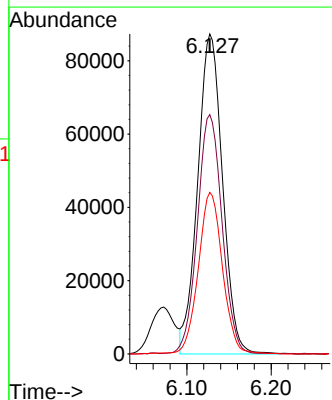
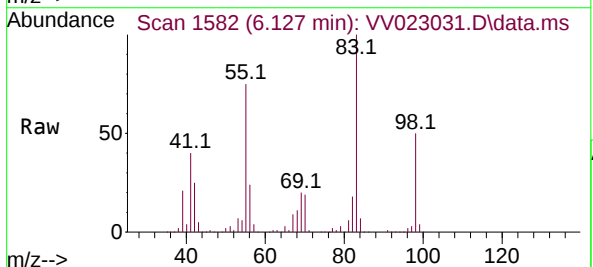
Instrument :
MSVOA_V
ClientSampleId :

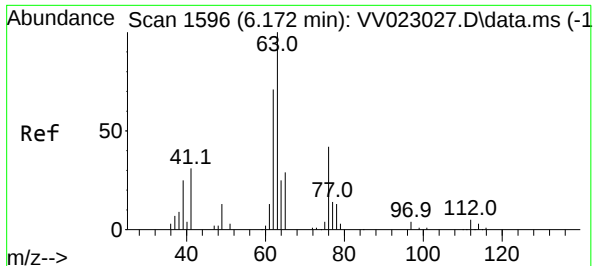
Tgt Ion: 95 Resp: 127071
Ion Ratio Lower Upper
95 100
97 65.0 45.4 84.4
132 100.0 71.5 132.9
130 102.7 75.2 139.6



#35
Methylcyclohexane
Concen: 43.889 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 83 Resp: 178991
Ion Ratio Lower Upper
83 100
55 74.3 56.7 85.1
98 49.3 40.6 60.8



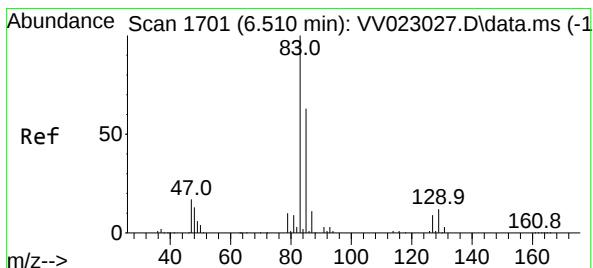
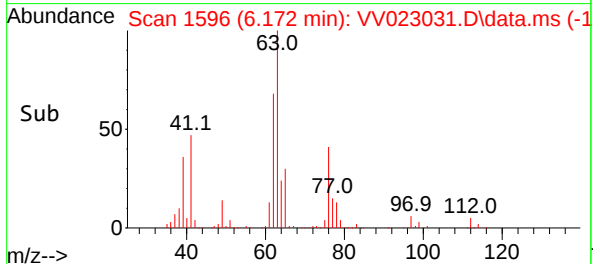
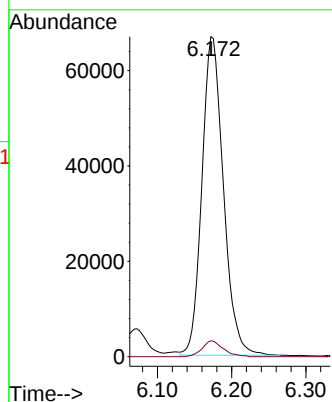
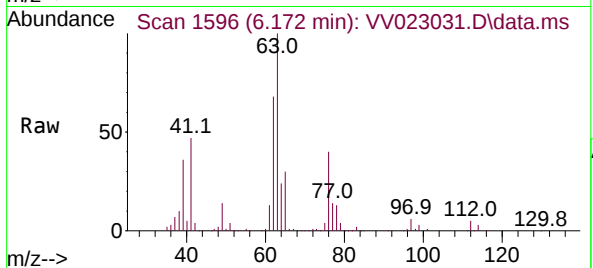


#37

1,2-Dichloropropane
Concen: 50.921 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Instrument :
MSVOA_V
ClientSampled :

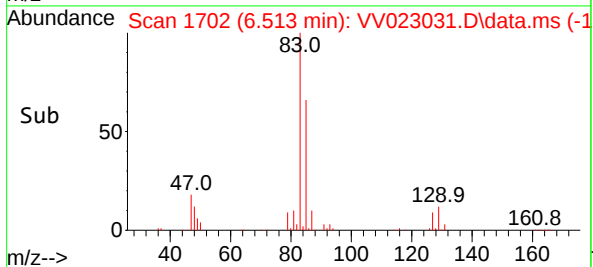
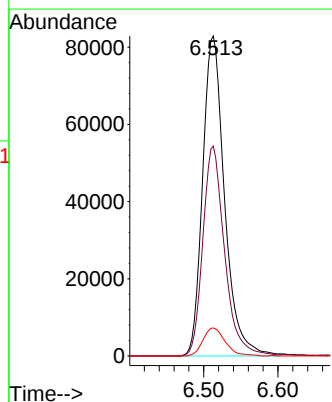
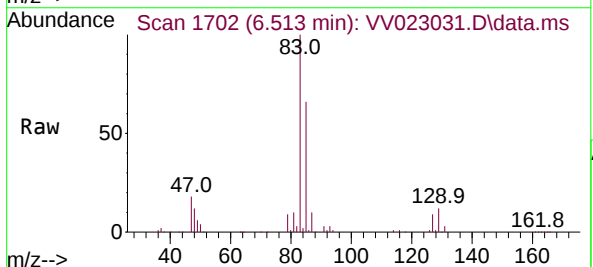
Tgt Ion: 63 Resp: 134302
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1

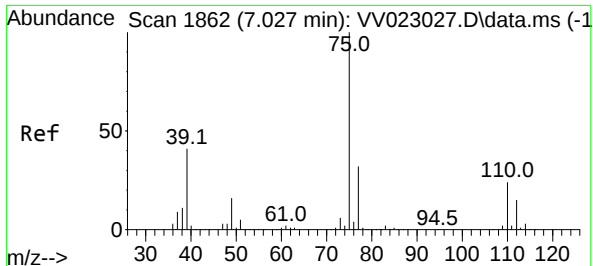


#38

Bromodichloromethane
Concen: 49.660 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 83 Resp: 170130
Ion Ratio Lower Upper
83 100
85 65.6 46.3 86.1
127 8.8 7.5 11.3

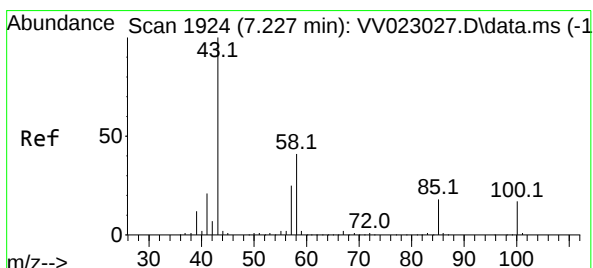
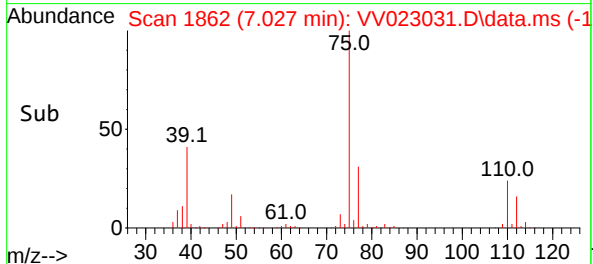
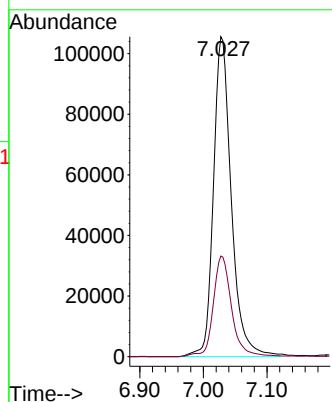
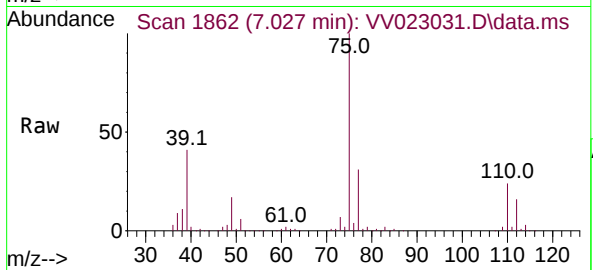




#39
 cis-1,3-Dichloropropene
 Concen: 51.878 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV023031.D
 Acq: 25 Oct 2021 14:00

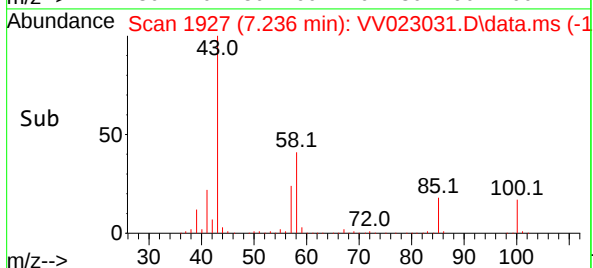
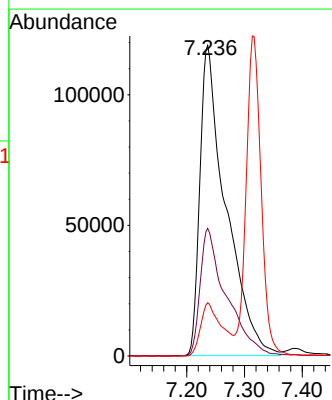
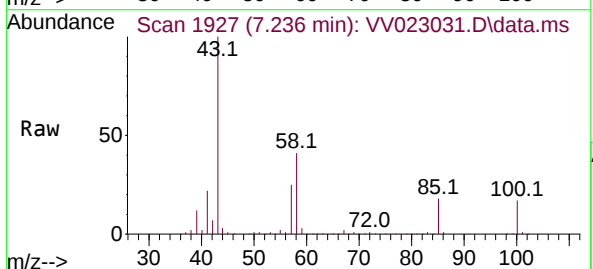
Instrument :
 MSVOA_V
 ClientSampled :

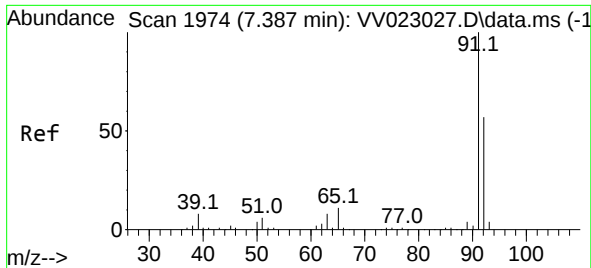
Tgt Ion: 75 Resp: 205774
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 99.892 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.010 min
 Lab File: VV023031.D
 Acq: 25 Oct 2021 14:00

Tgt Ion: 43 Resp: 370188
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.5 48.7
 100 14.2 13.9 20.9

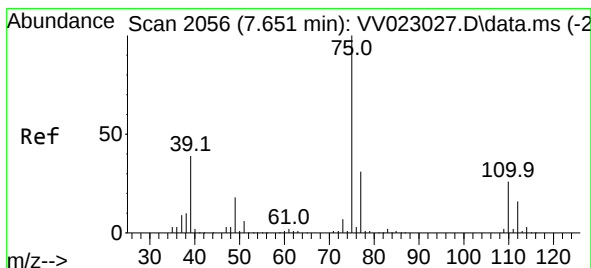
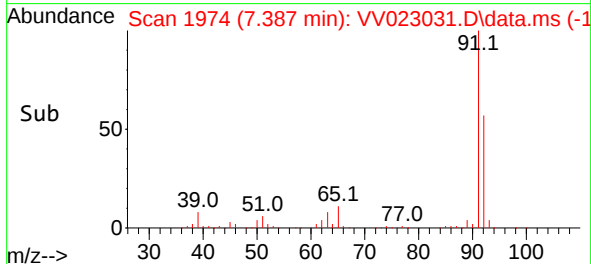
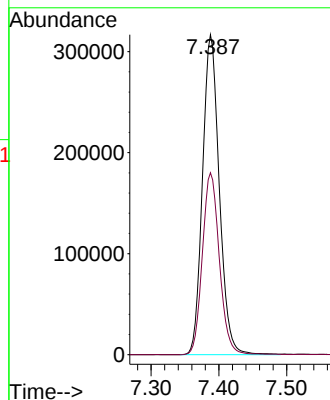
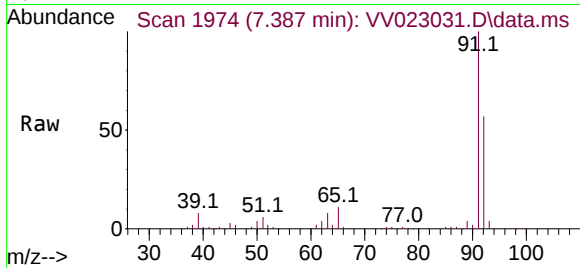




#42
Toluene
Concen: 50.221 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

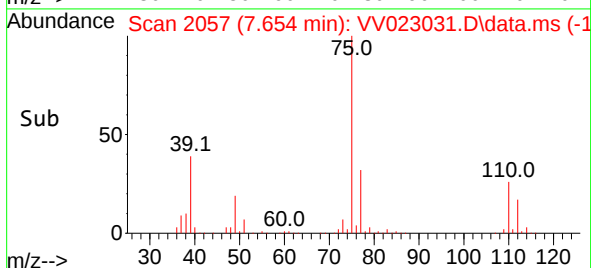
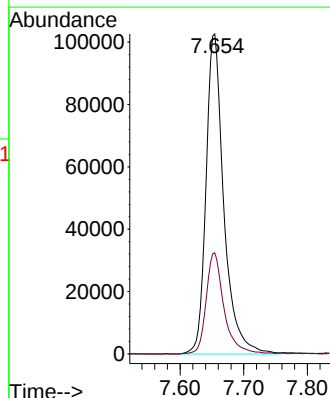
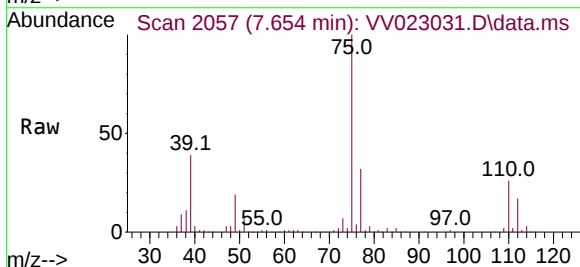
Instrument :
MSVOA_V
ClientSampled :

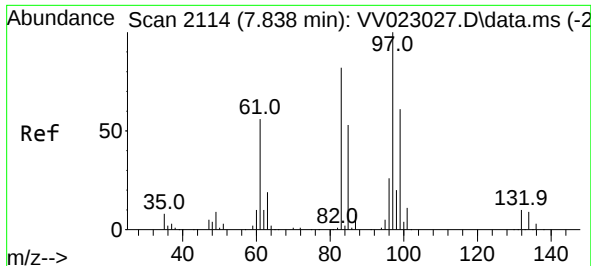
Tgt Ion: 91 Resp: 544961
Ion Ratio Lower Upper
91 100
92 56.9 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 52.269 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

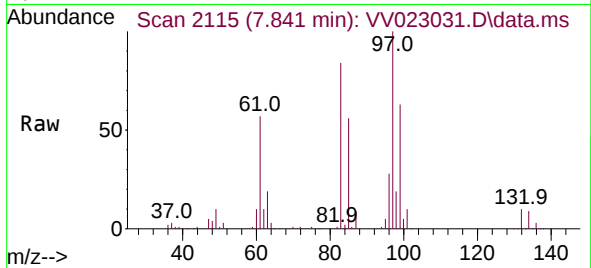
Tgt Ion: 75 Resp: 199611
Ion Ratio Lower Upper
75 100
77 31.6 22.0 40.8



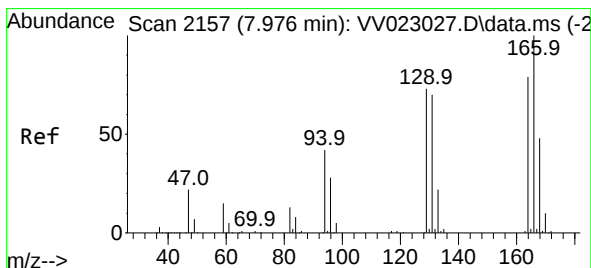
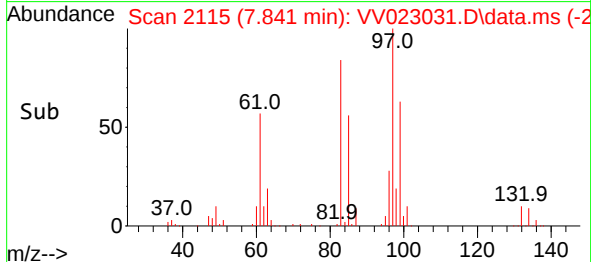
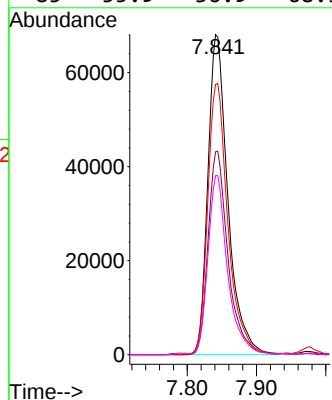


#45
1,1,2-Trichloroethane
Concen: 50.034 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :

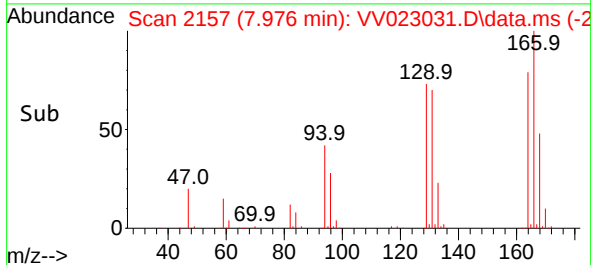
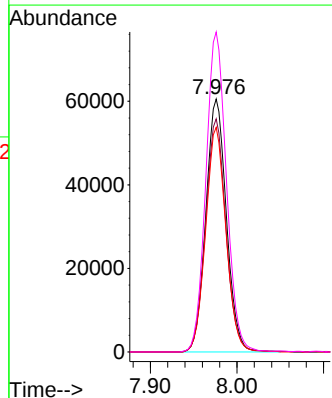
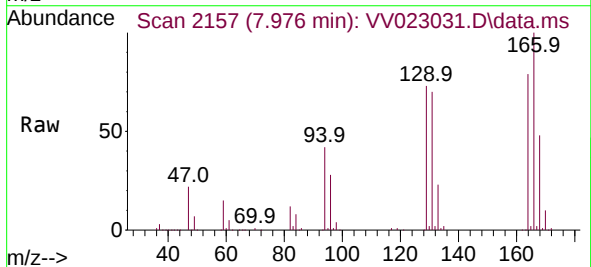


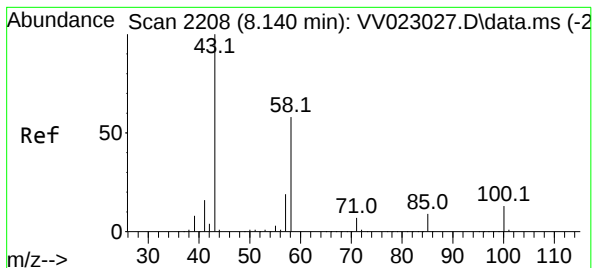
Tgt Ion: 97	Resp: 136602
Ion Ratio	Lower Upper
97	100
99	63.4 43.1 80.1
83	84.4 58.6 108.8
85	55.9 36.9 68.5



#46
Tetrachloroethene
Concen: 44.379 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 164	Resp: 99926
Ion Ratio	Lower Upper
164	100
129	92.2 64.6 120.0
131	88.8 59.9 111.3
166	126.5 88.0 163.4





#48

2-Hexanone

Concen: 104.908 ug/L

RT: 8.166 min Scan# 2216

Delta R.T. 0.026 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

Tgt Ion: 43 Resp: 297347

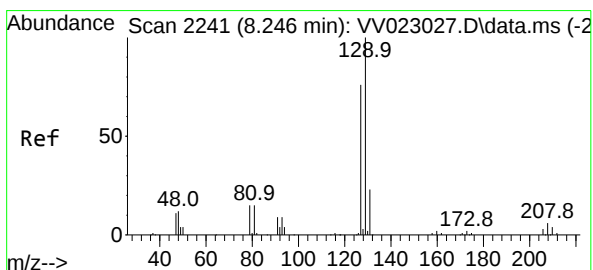
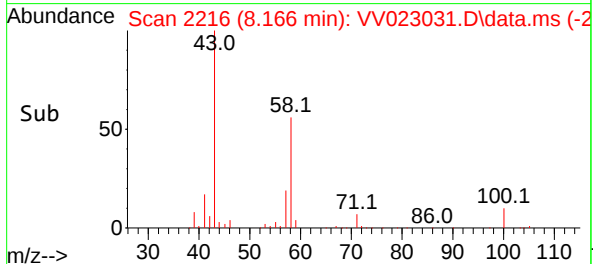
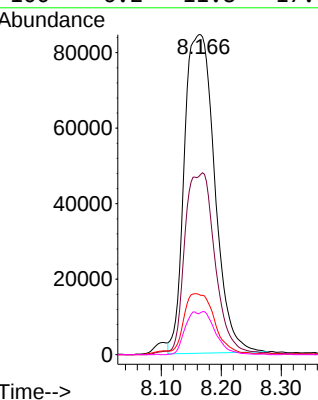
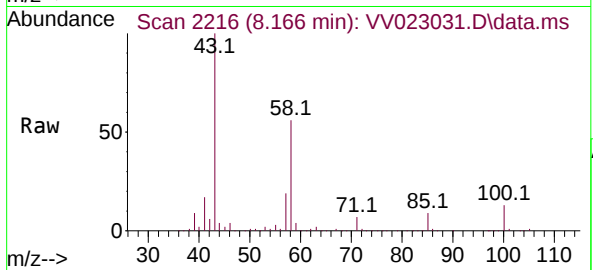
Ion Ratio Lower Upper

43 100

58 24.6 47.0 70.4#

57 18.4 15.8 23.6

100 6.2 11.8 17.6#



#49

Dibromochloromethane

Concen: 50.200 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV023031.D

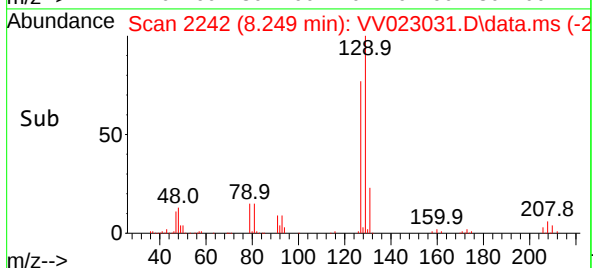
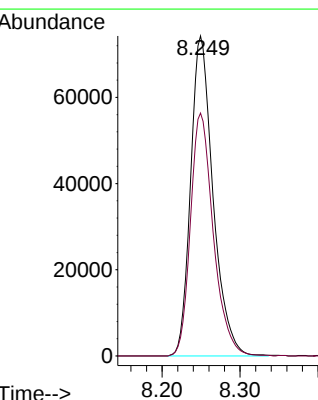
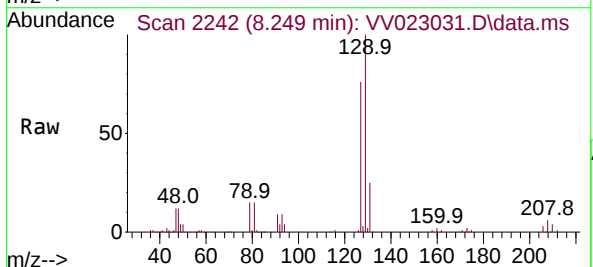
Acq: 25 Oct 2021 14:00

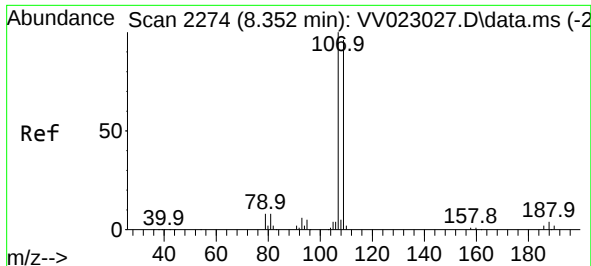
Tgt Ion: 129 Resp: 148318

Ion Ratio Lower Upper

129 100

127 75.9 53.5 99.5





#50

1,2-Dibromoethane

Concen: 49.756 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

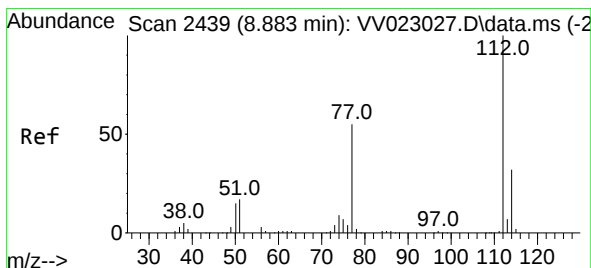
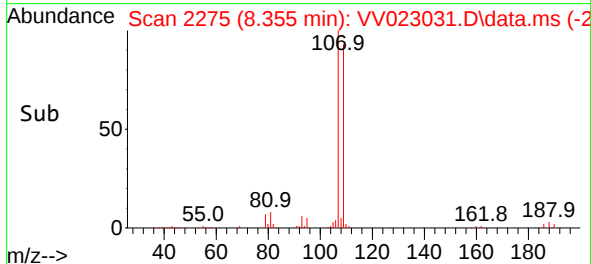
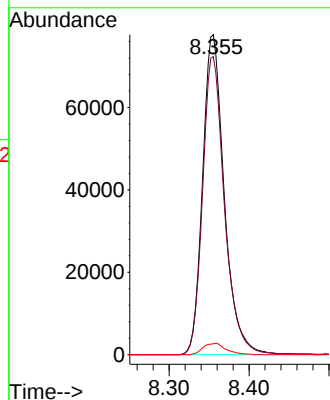
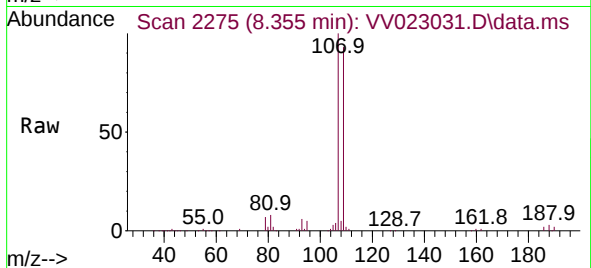
Tgt Ion:107 Resp: 146256

Ion Ratio Lower Upper

107 100

109 93.2 64.8 120.3

188 3.4 3.2 4.8



#51

Chlorobenzene

Concen: 49.681 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV023031.D

Acq: 25 Oct 2021 14:00

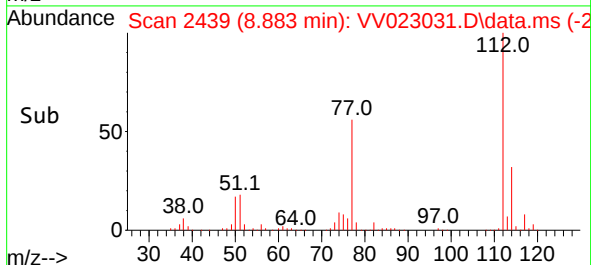
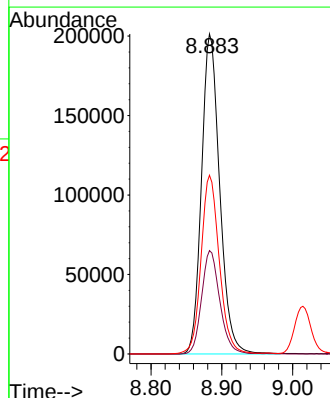
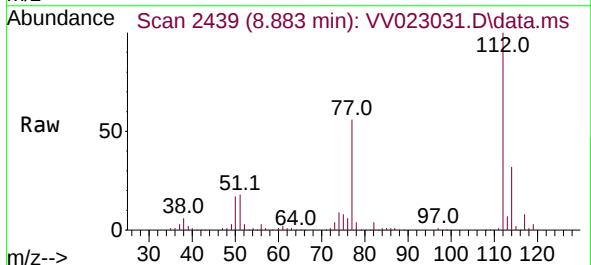
Tgt Ion:112 Resp: 358583

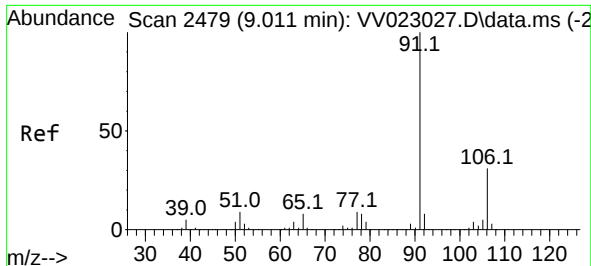
Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

77 55.9 44.0 66.0





#52

Ethylbenzene

Concen: 50.150 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV023031.D

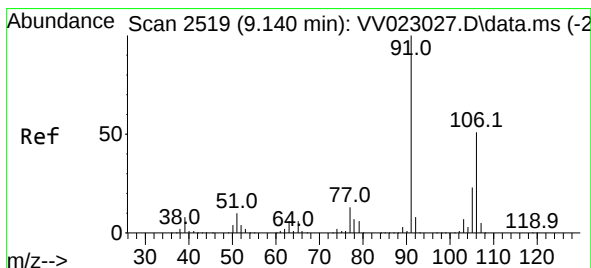
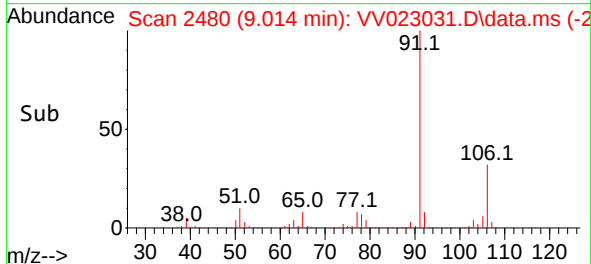
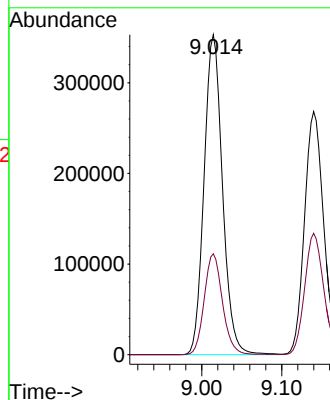
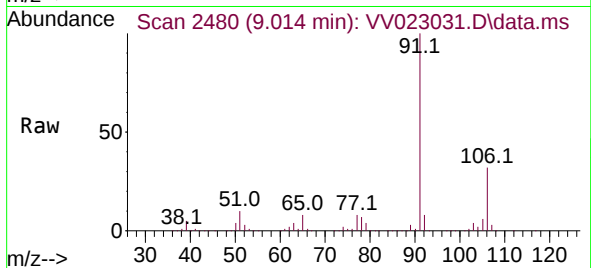
Acq: 25 Oct 2021 14:00

Tgt Ion: 91 Resp: 566368

Ion Ratio Lower Upper

91 100

106 31.5 22.0 41.0



#53

m,p-Xylene

Concen: 50.049 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV023031.D

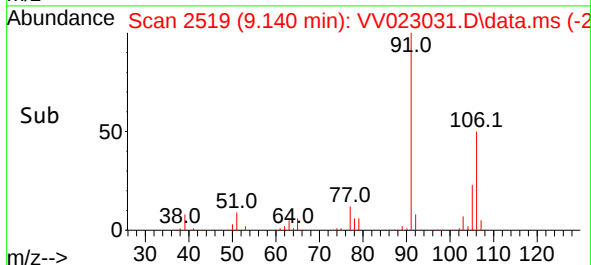
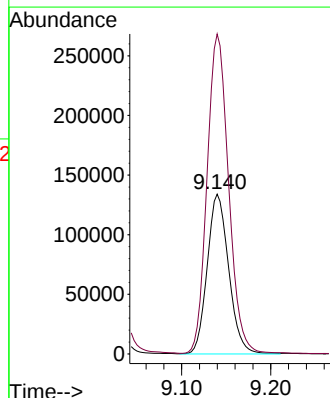
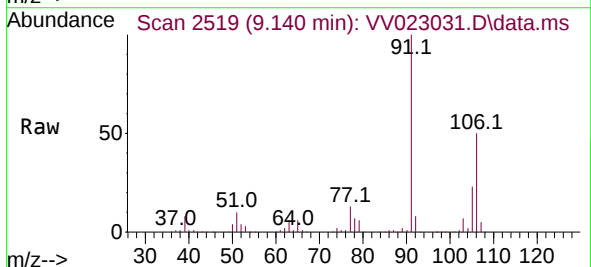
Acq: 25 Oct 2021 14:00

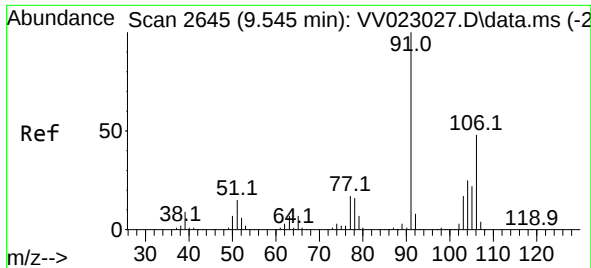
Tgt Ion: 106 Resp: 223942

Ion Ratio Lower Upper

106 100

91 200.1 139.4 258.8

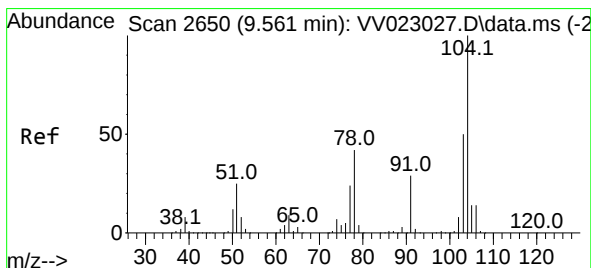
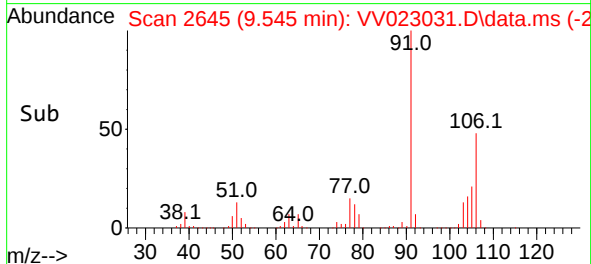
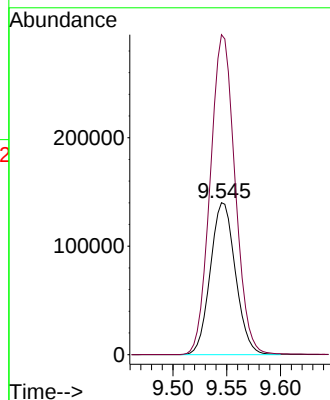
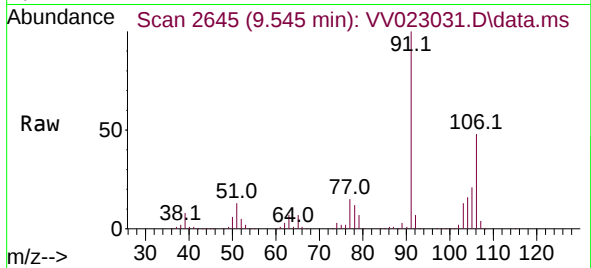




#54
o-Xylene
Concen: 52.208 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

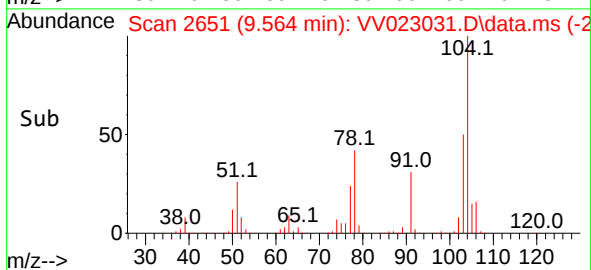
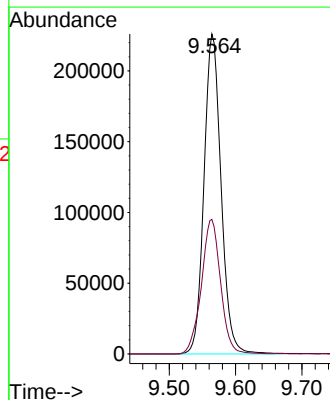
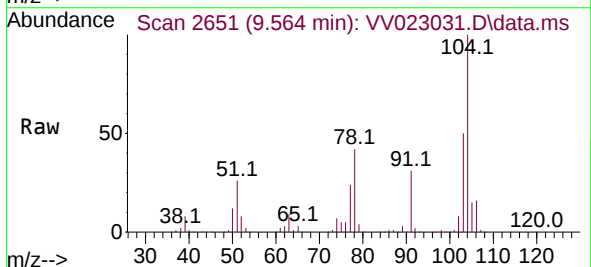
Instrument :
MSVOA_V
ClientSampleId :

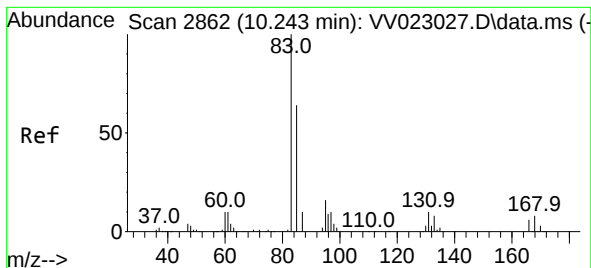
Tgt Ion:106 Resp: 227593
Ion Ratio Lower Upper
106 100
91 210.5 148.7 276.1



#55
Styrene
Concen: 54.092 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:104 Resp: 404671
Ion Ratio Lower Upper
104 100
78 42.0 30.6 56.8

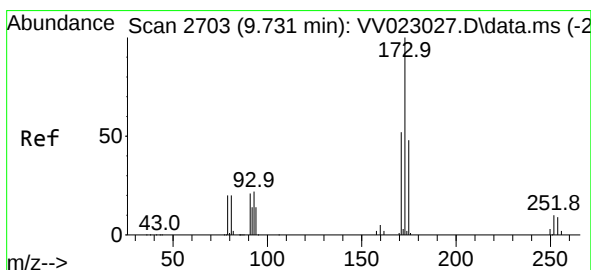
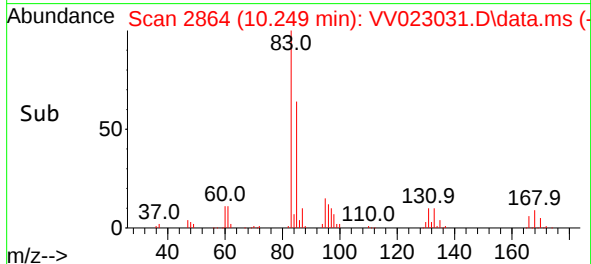
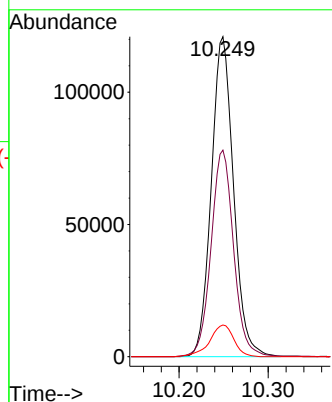
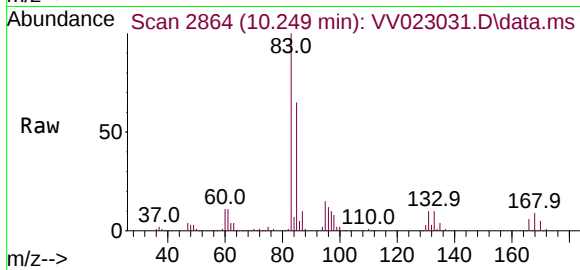




#57
1,1,2,2-Tetrachloroethane
Concen: 49.591 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

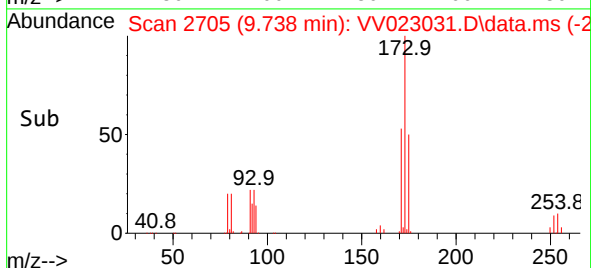
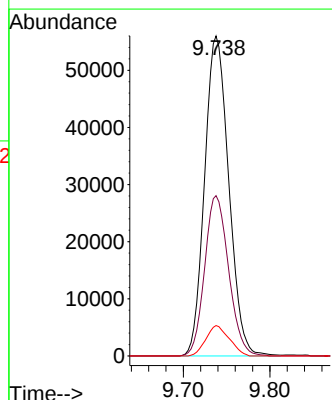
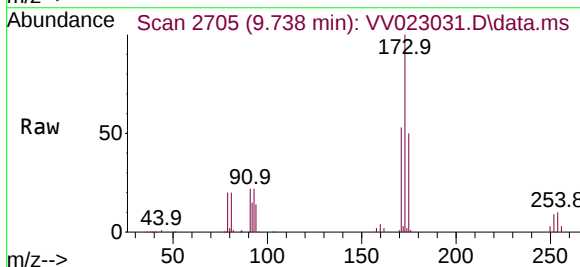
Instrument :
MSVOA_V
ClientSampleId :

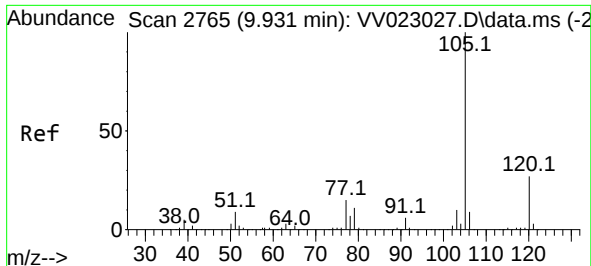
Tgt Ion: 83 Resp: 209258
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 9.9 8.2 12.4



#59
Bromoform
Concen: 48.288 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 173 Resp: 108501
Ion Ratio Lower Upper
173 100
175 49.7 38.3 57.5
254 9.2 7.0 10.6

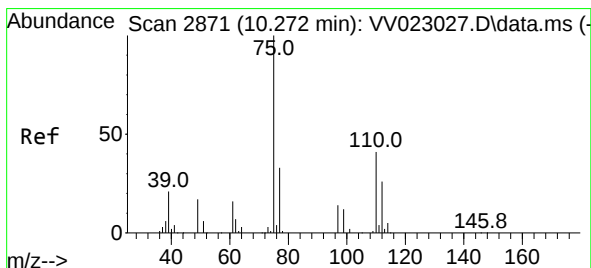
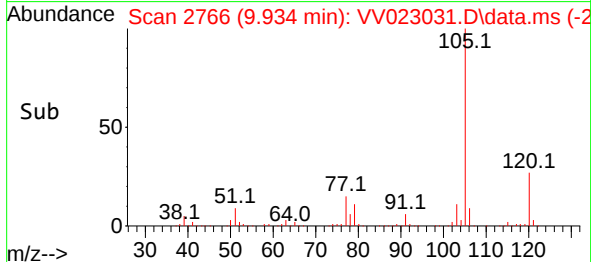
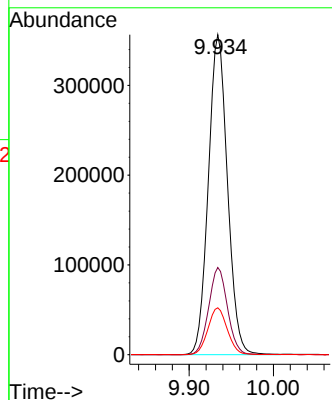
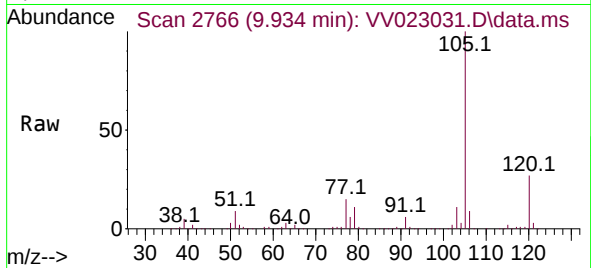




#60
Isopropylbenzene
Concen: 48.653 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

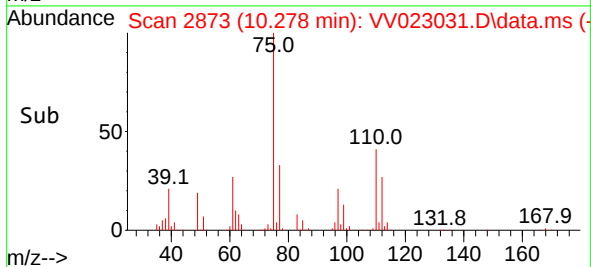
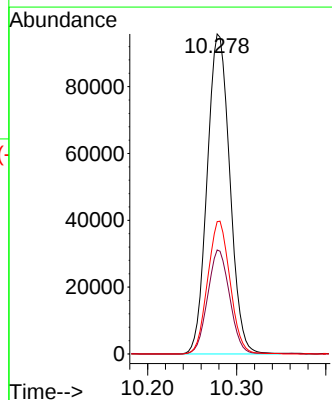
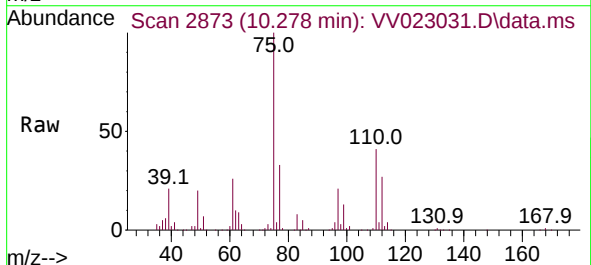
Instrument :
MSVOA_V
ClientSampleId :

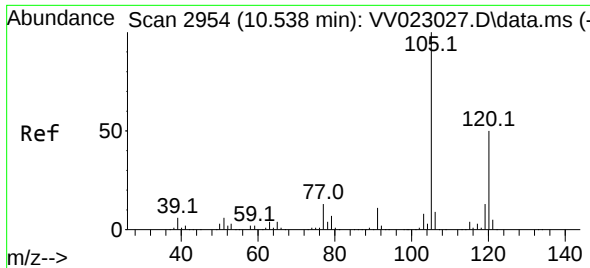
Tgt Ion:105 Resp: 562504
Ion Ratio Lower Upper
105 100
120 26.8 21.6 32.4
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.908 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 75 Resp: 169018
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 41.0 34.3 51.5

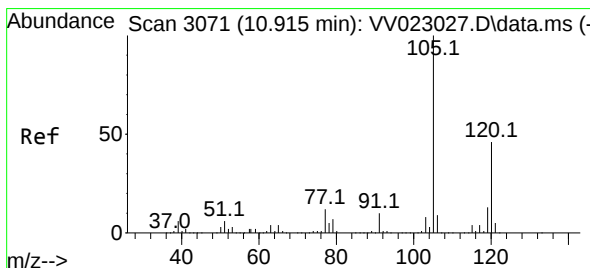
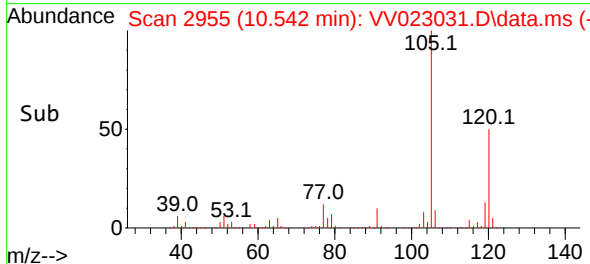
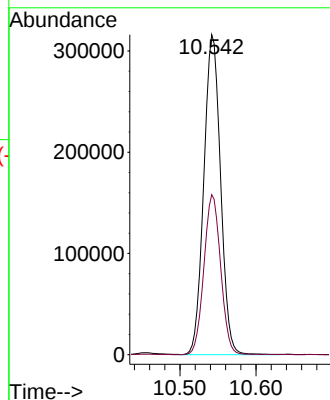
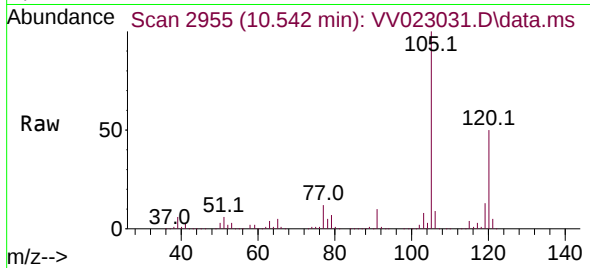




#62
1,3,5-Trimethylbenzene
Concen: 49.798 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

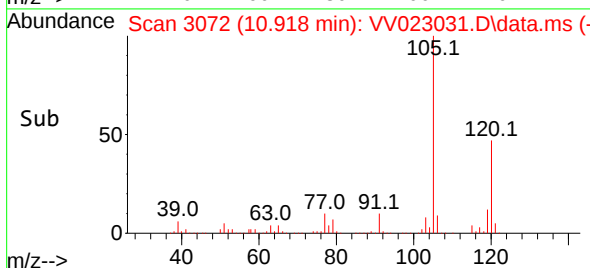
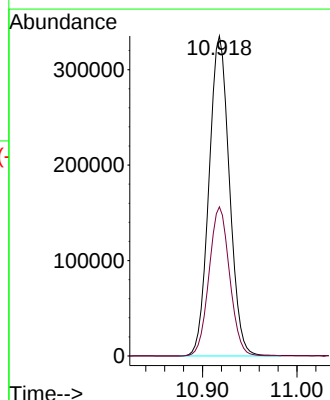
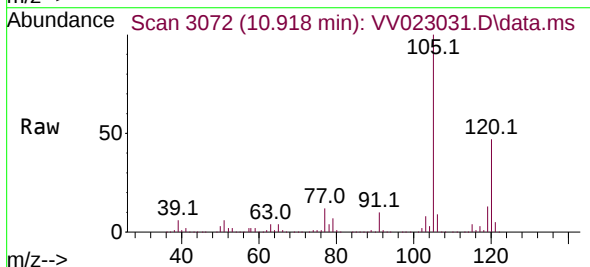
Instrument :
MSVOA_V
ClientSampleId :

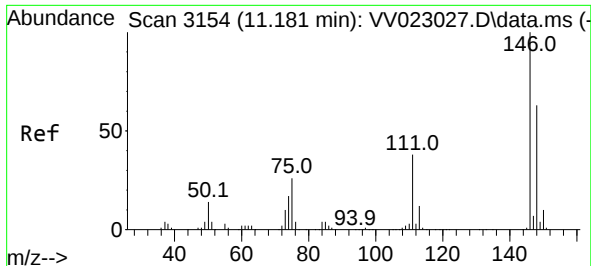
Tgt Ion:105 Resp: 484761
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 52.048 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:105 Resp: 503685
Ion Ratio Lower Upper
105 100
120 47.0 37.4 56.0

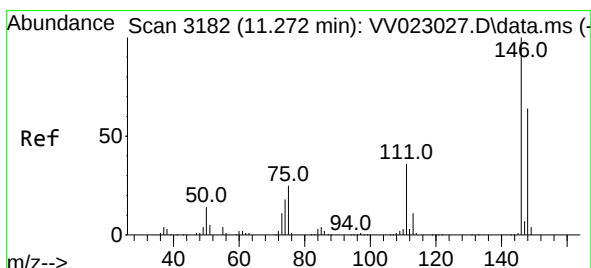
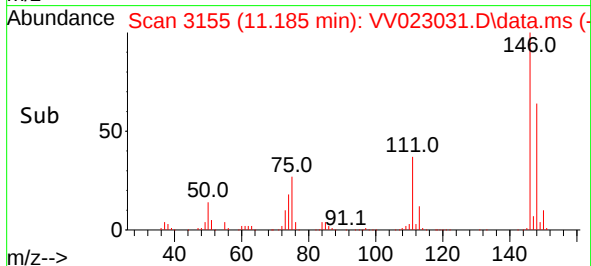
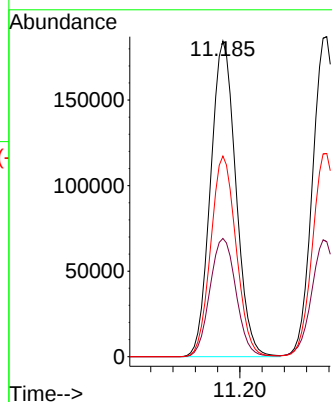
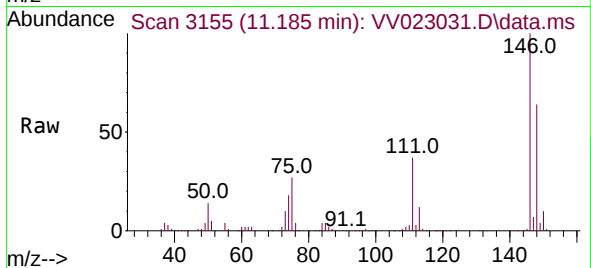




#64
1,3-Dichlorobenzene
Concen: 49.721 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

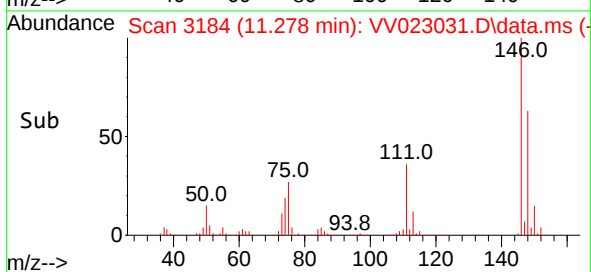
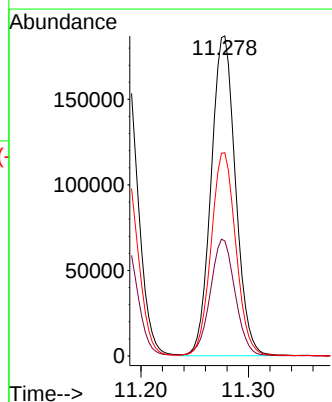
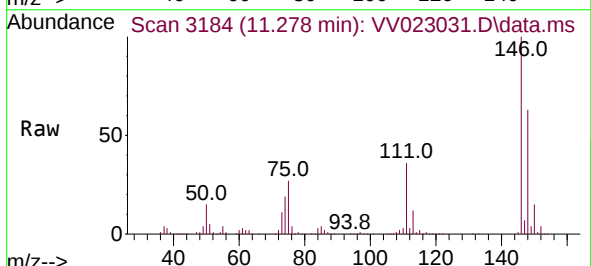
Instrument :
MSVOA_V
ClientSampled :

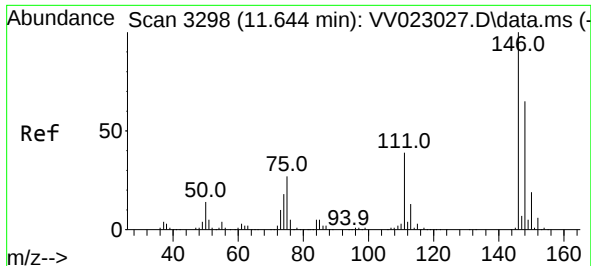
Tgt Ion:146 Resp: 291639
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.3
148 63.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.486 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:146 Resp: 295365
Ion Ratio Lower Upper
146 100
111 35.9 25.5 47.3
148 63.5 43.9 81.5

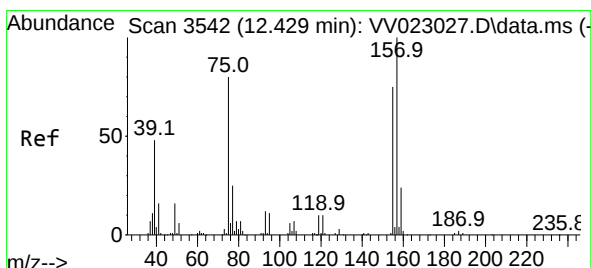
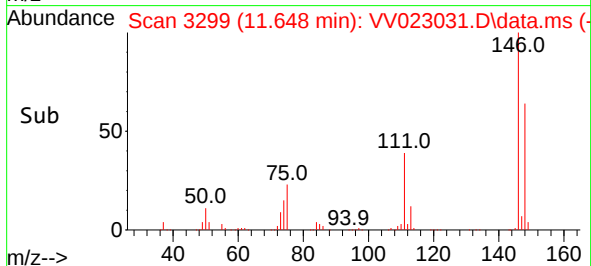
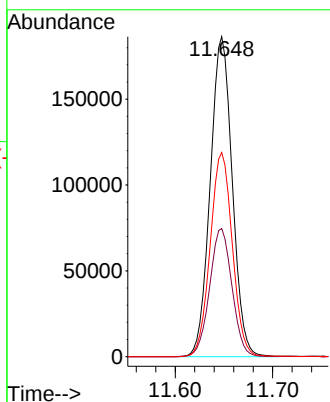
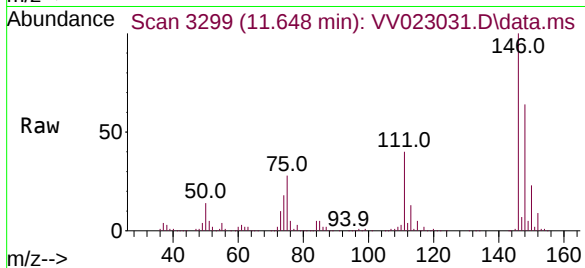




#67
1,2-Dichlorobenzene
Concen: 48.876 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

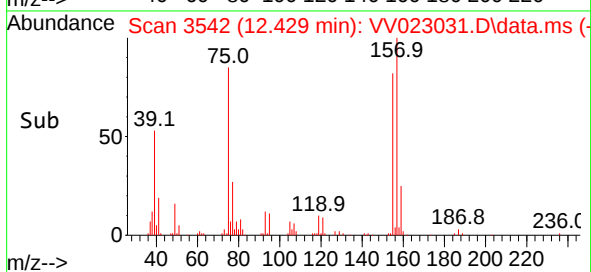
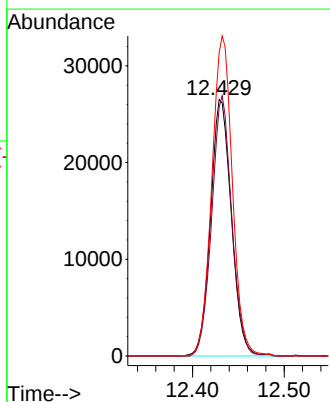
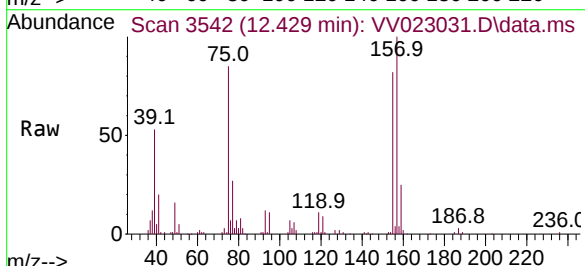
Instrument :
MSVOA_V
ClientSampled :

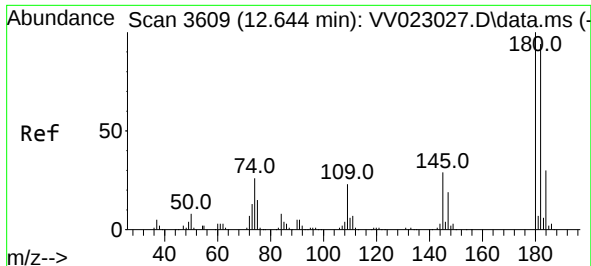
Tgt Ion:146 Resp: 292976
Ion Ratio Lower Upper
146 100
111 40.0 31.6 47.4
148 63.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 44.068 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion: 75 Resp: 41725
Ion Ratio Lower Upper
75 100
155 97.1 79.1 118.7
157 118.2 104.2 156.2

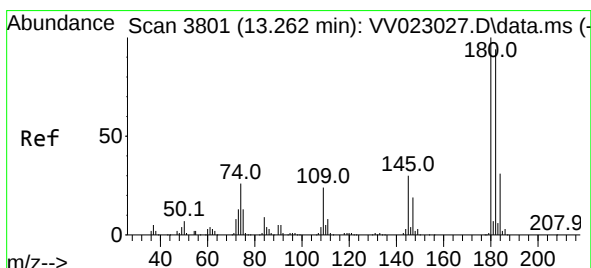
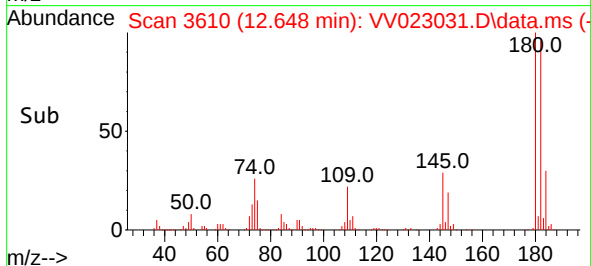
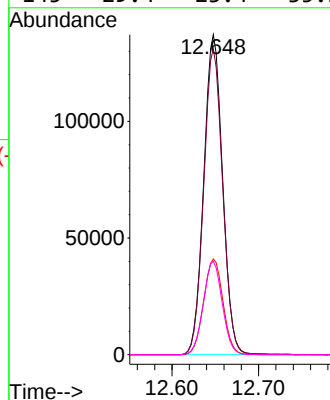
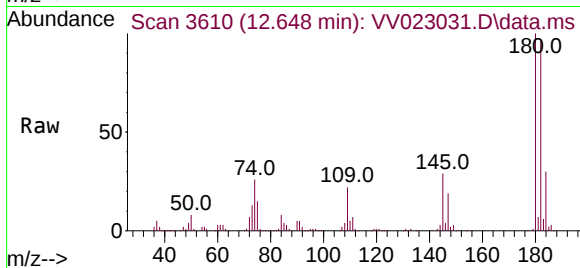




#69
1,3,5-Trichlorobenzene
Concen: 47.527 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

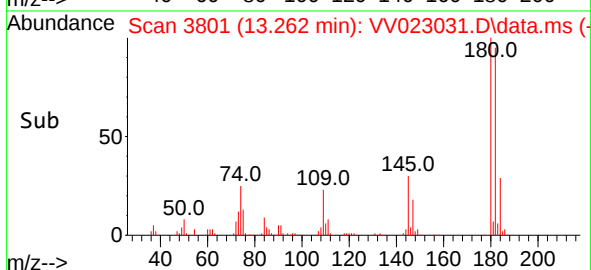
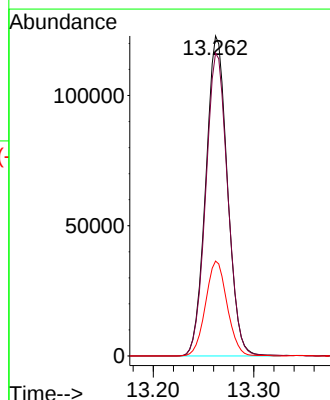
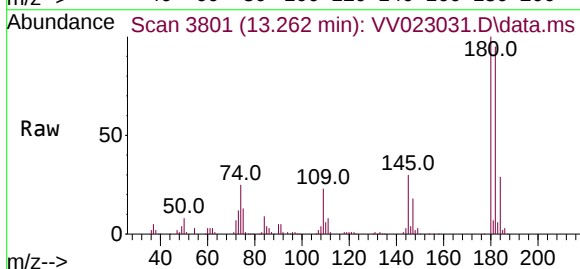
Instrument :
MSVOA_V
ClientSampleId :

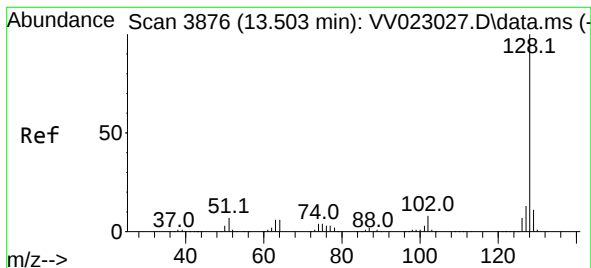
Tgt Ion:180 Resp: 207135
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.4
184 30.6 23.6 35.4
145 29.4 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 46.859 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:180 Resp: 183644
Ion Ratio Lower Upper
180 100
182 96.1 75.5 113.3
145 29.6 23.0 34.4

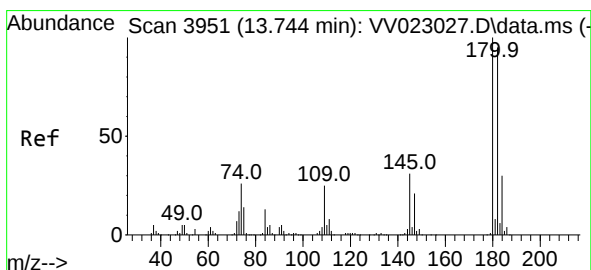
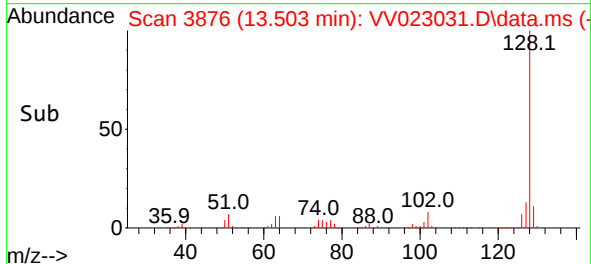
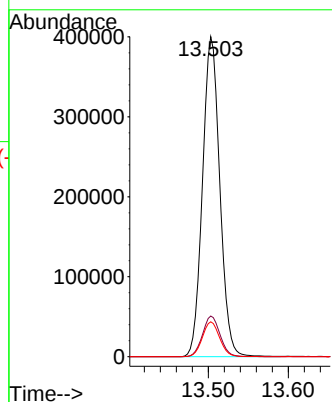
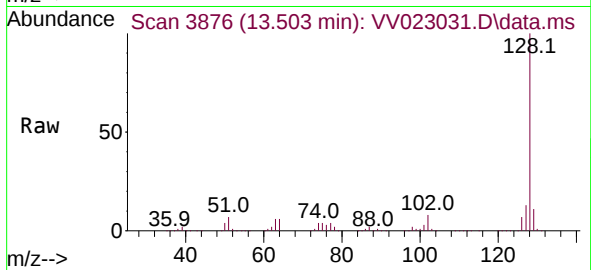




#71
Naphthalene
Concen: 46.720 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 602928
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.507 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023031.D
Acq: 25 Oct 2021 14:00

Tgt Ion:180 Resp: 192434
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
145 31.2 24.6 36.8

