

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021989.D
 Acq On : 27 Aug 2021 20:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:44:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	371017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	353996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	191579	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123690	48.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.280%
7) Chloroethane-d5	1.561	69	99906	49.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.580%
11) 1,1-Dichloroethene-d2	2.108	63	213233	50.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.360%
21) 2-Butanone-d5	3.873	46	189574	107.584	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.580%
24) Chloroform-d	4.352	84	232268	49.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	5.034	65	137171	49.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.420%
32) Benzene-d6	5.050	84	479287	49.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	6.072	67	149994	49.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.340%
41) Toluene-d8	7.317	98	452424	49.916	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	7.622	79	70112	48.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.560%
47) 2-Hexanone-d5	8.088	63	132000	113.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.930%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	210208	54.356	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	185809	49.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	120721	47.336	ug/L	99
3) Chloromethane	1.240	50	128094	47.433	ug/L	99
5) Vinyl chloride	1.310	62	132054	48.516	ug/L	100
6) Bromomethane	1.513	94	80825	49.390	ug/L	100
8) Chloroethane	1.581	64	82829	48.645	ug/L	100
9) Trichlorofluoromethane	1.751	101	192506	49.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	110167	48.458	ug/L	100
12) 1,1-Dichloroethene	2.117	96	106899	49.951	ug/L	87
13) Acetone	2.426	43	131749	89.236	ug/L	100
14) Carbon disulfide	2.291	76	303837	47.051	ug/L	99
15) Methyl Acetate	2.426	43	148143	51.525	ug/L	100
16) Methylene chloride	2.507	84	140783	49.100	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	125520	48.508	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	407882	49.605	ug/L	100
19) 1,1-Dichloroethane	3.188	63	229298	49.754	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	141932	49.282	ug/L	98
22) 2-Butanone	3.957	43	194069	93.513	ug/L	99
23) Bromochloromethane	4.249	128	75886	49.477	ug/L	96
25) Chloroform	4.378	83	242568	49.721	ug/L	99

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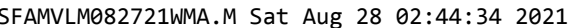
Instrument :
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 ClientSampleId :

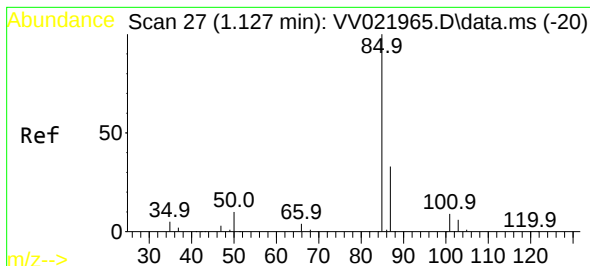
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	168694	51.584	ug/L	100
29) Cyclohexane	4.680	56	193028	48.779	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	206943	49.187	ug/L	99
31) Carbon tetrachloride	4.831	117	174369	48.239	ug/L	98
33) Benzene	5.101	78	513504	49.858	ug/L	100
34) Trichloroethene	5.915	95	137453	47.116	ug/L	98
35) Methylcyclohexane	6.133	83	198058	46.439	ug/L	99
37) 1,2-Dichloropropane	6.175	63	136145	50.995	ug/L	100
38) Bromodichloromethane	6.513	83	169113	49.533	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	203081	49.269	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	384623	106.267	ug/L	100
42) Toluene	7.391	91	558928	50.282	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	188639	49.173	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	135464	49.868	ug/L	99
46) Tetrachloroethene	7.979	164	108549	47.852	ug/L	98
48) 2-Hexanone	8.140	43	295718	105.303	ug/L	99
49) Dibromochloromethane	8.249	129	145321	49.978	ug/L	99
50) 1,2-Dibromoethane	8.355	107	146451	50.234	ug/L	99
51) Chlorobenzene	8.882	112	365462	48.900	ug/L	99
52) Ethylbenzene	9.014	91	595528	49.491	ug/L	100
53) m,p-Xylene	9.140	106	230774	49.342	ug/L	99
54) o-Xylene	9.545	106	227185	49.092	ug/L	99
55) Styrene	9.561	104	399570	50.594	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	217697	55.312	ug/L	100
59) Bromoform	9.735	173	104544	51.379	ug/L	100
60) Isopropylbenzene	9.934	105	604055	50.179	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	172432	51.932	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	501510	49.624	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	513615	50.000	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	299009	48.921	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	300178	47.996	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	299154	49.294	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	42469	53.071	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	214213	46.871	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	192164	47.798	ug/L	100
71) Naphthalene	13.503	128	607683	52.546	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	195222	49.785	ug/L	99

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

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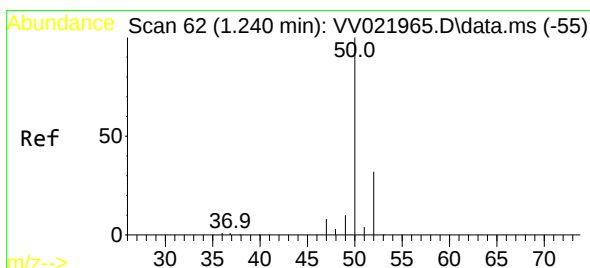
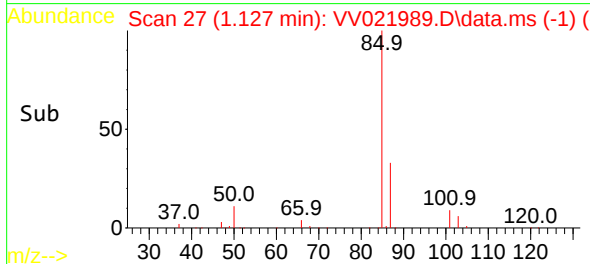
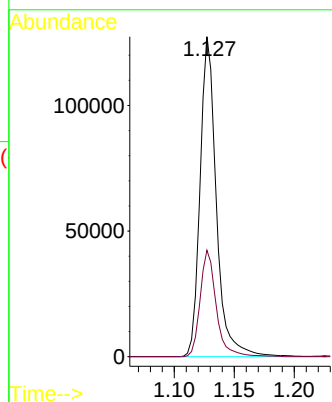
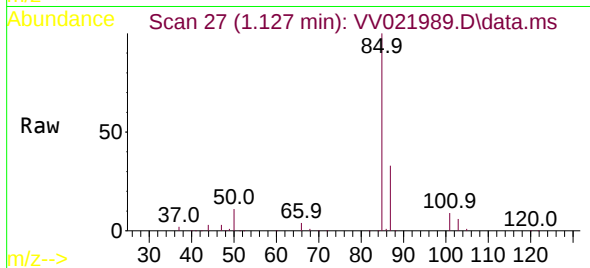




#2
Dichlorodifluoromethane
Concen: 47.336 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

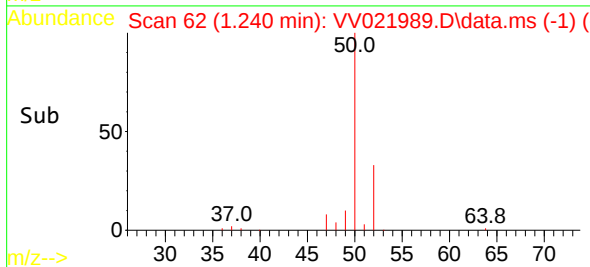
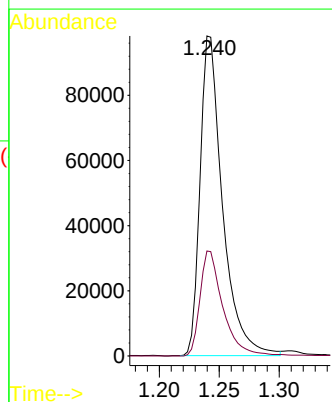
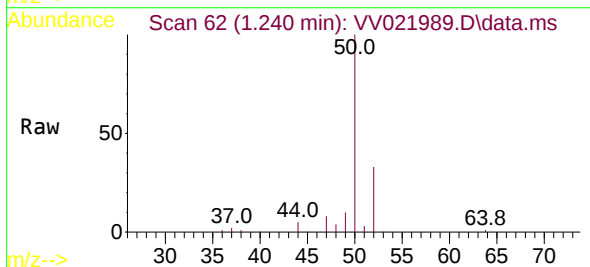
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MSVOA_V
ClientSampled :

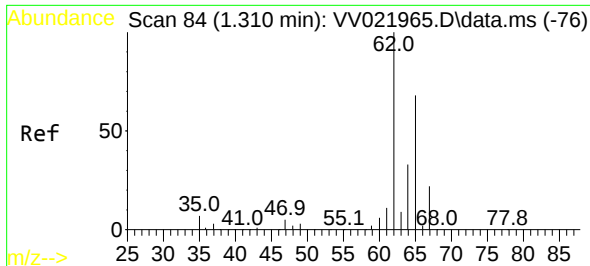
Tgt Ion: 85 Resp: 120721
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0



#3
Chloromethane
Concen: 47.433 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 50 Resp: 128094
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9

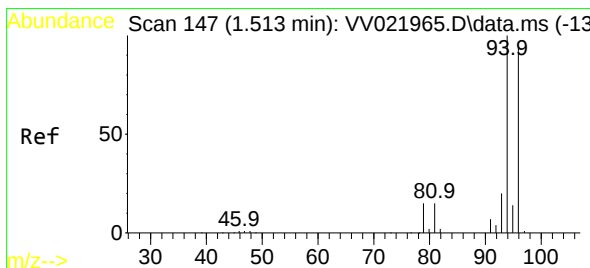
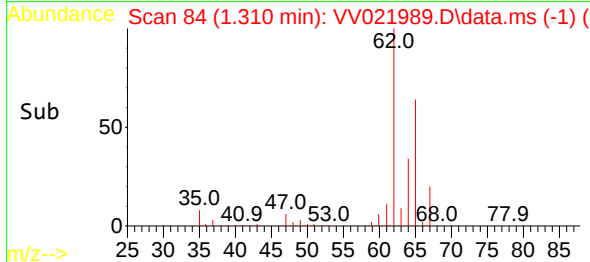
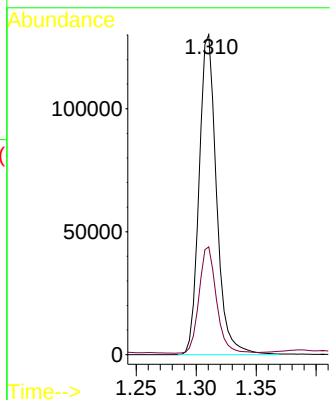
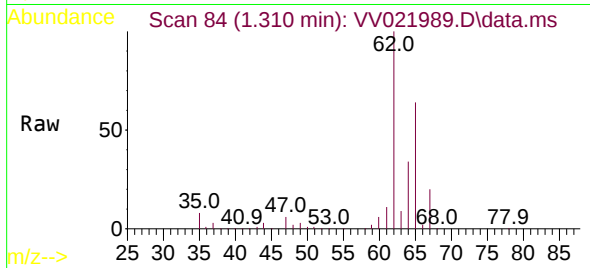




#5
 Vinyl chloride
 Concen: 48.516 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021989.D
 Acq: 27 Aug 2021 20:31

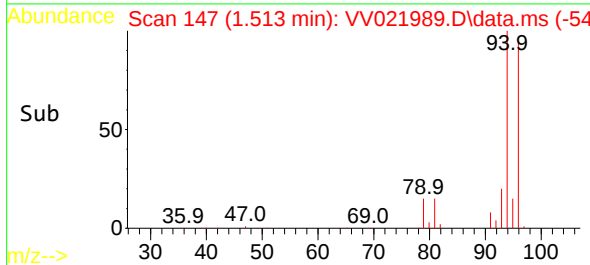
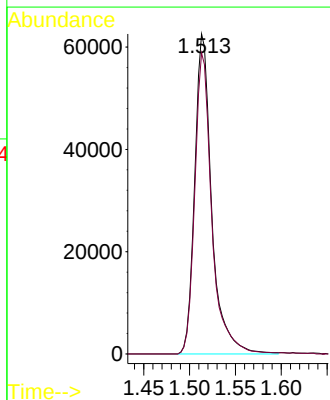
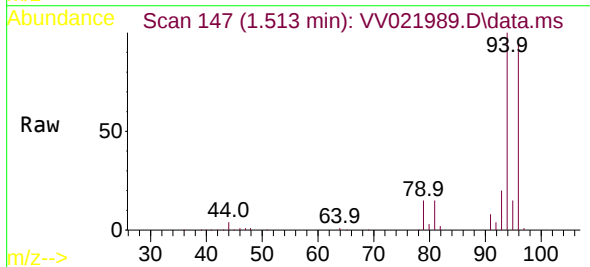
Instrument :
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 ClientSampled :

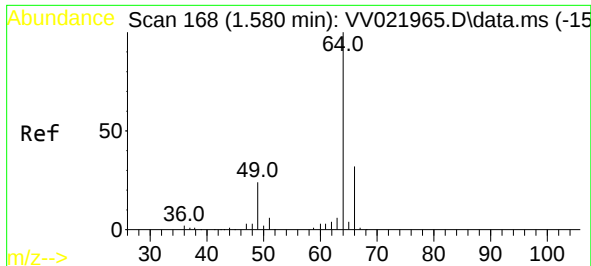
Tgt Ion: 62 Resp: 132054
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.6



#6
 Bromomethane
 Concen: 49.390 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV021989.D
 Acq: 27 Aug 2021 20:31

Tgt Ion: 94 Resp: 80825
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2

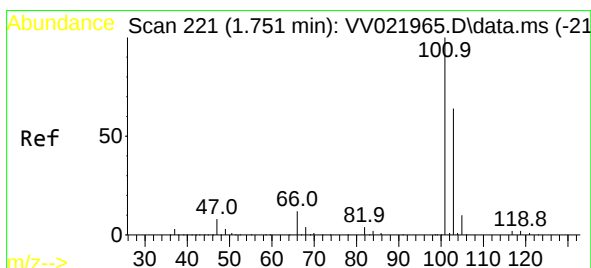
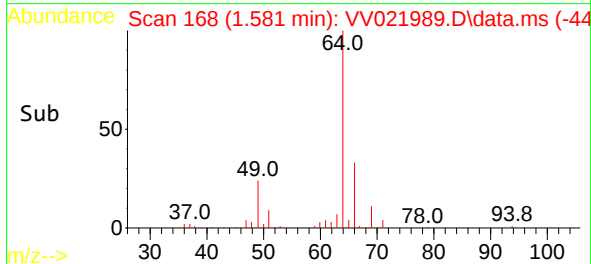
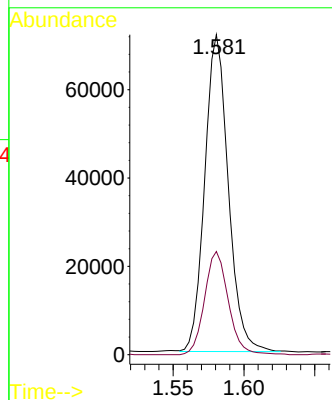
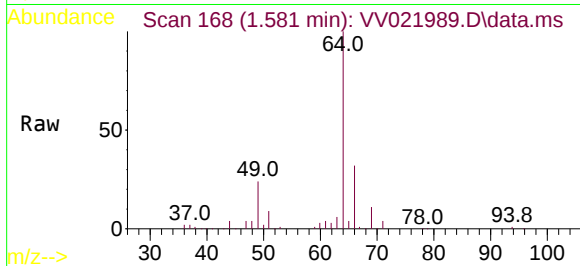




#8
Chloroethane
Concen: 48.645 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

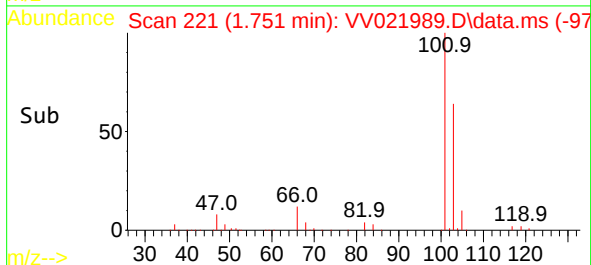
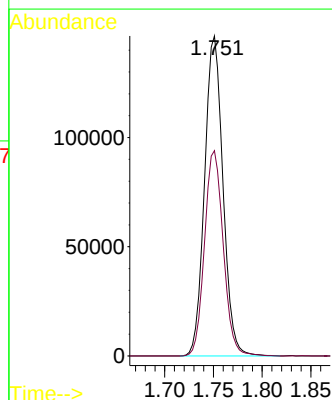
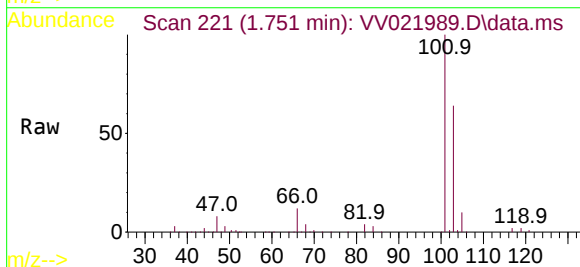
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ClientSampled :

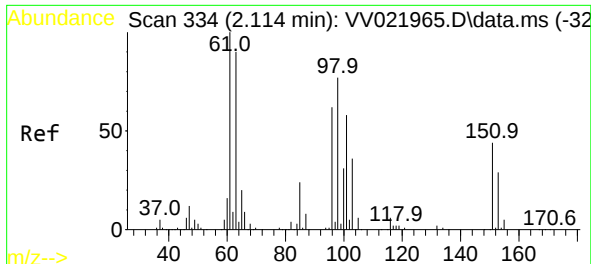
Tgt Ion: 64 Resp: 82829
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.665 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 101 Resp: 192506
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

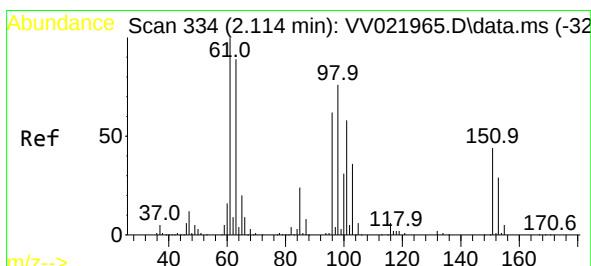
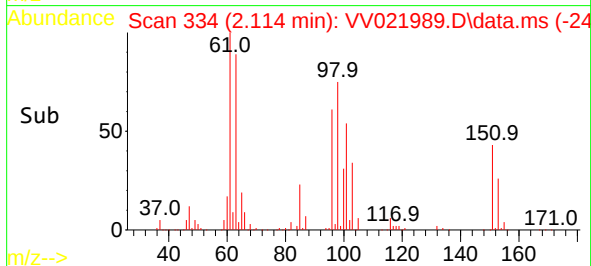
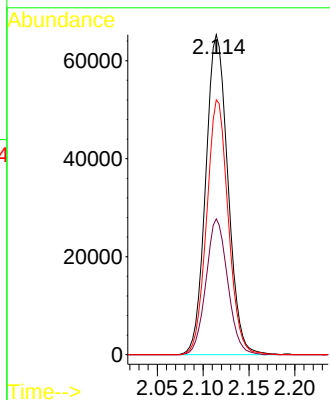
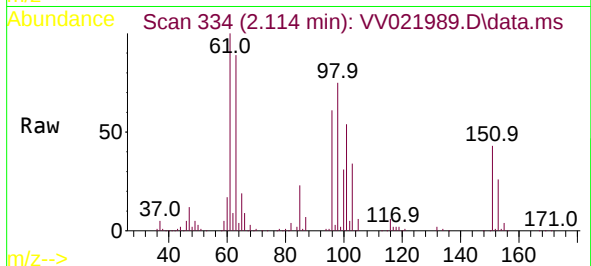




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.458 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

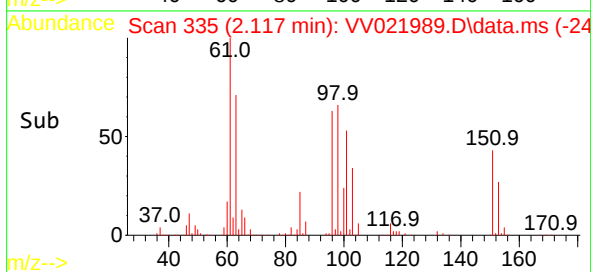
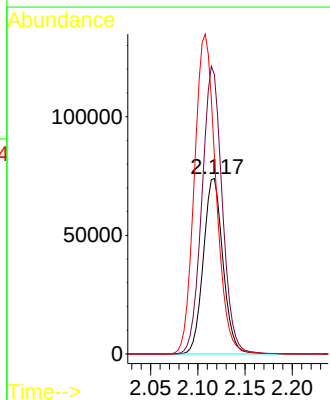
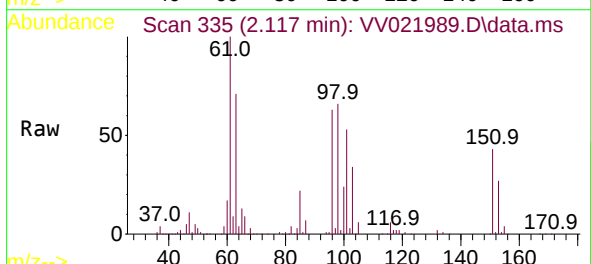
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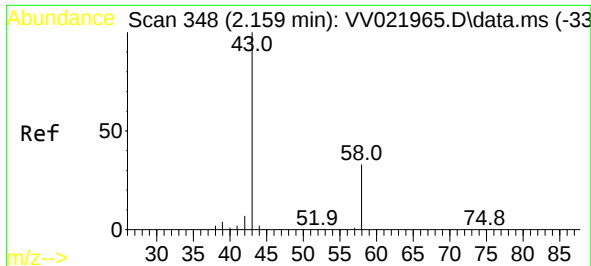
Tgt Ion:101 Resp: 110167
Ion Ratio Lower Upper
101 100
85 41.5 33.4 50.0
151 77.5 61.7 92.5



#12
1,1-Dichloroethene
Concen: 49.951 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 96 Resp: 106899
Ion Ratio Lower Upper
96 100
61 159.4 113.2 210.2
63 113.3 102.3 189.9

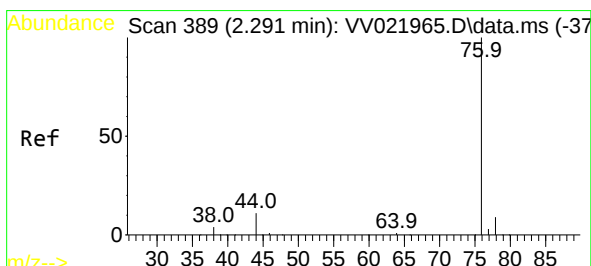
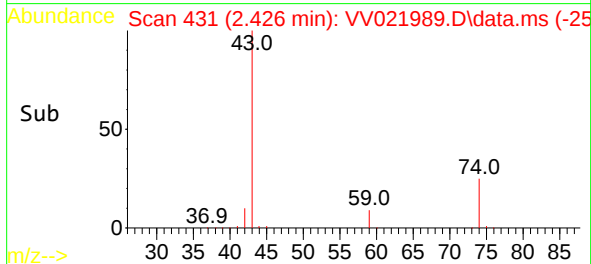
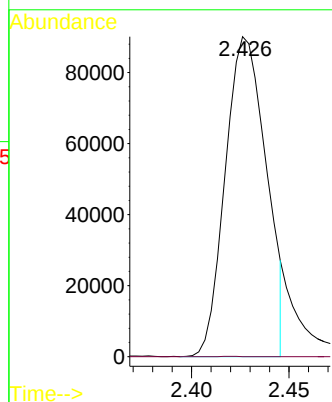
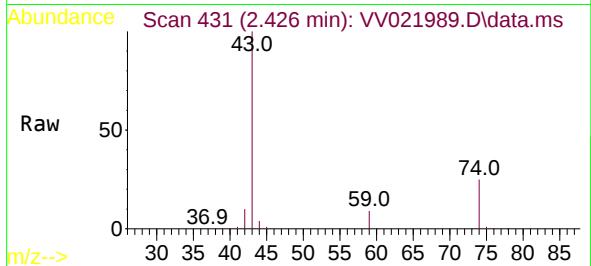




#13
Acetone
Concen: 89.236 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.267 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

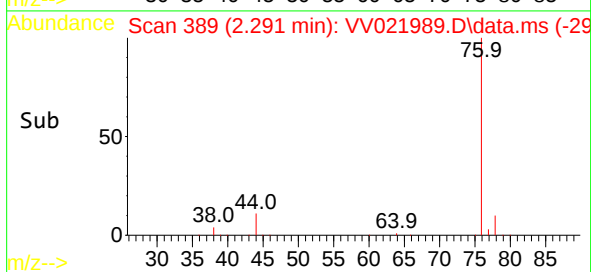
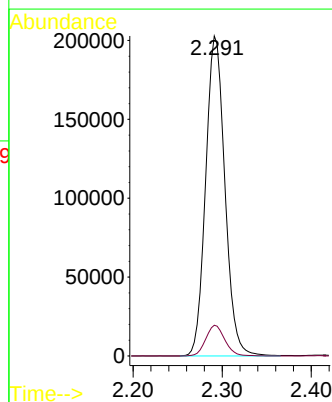
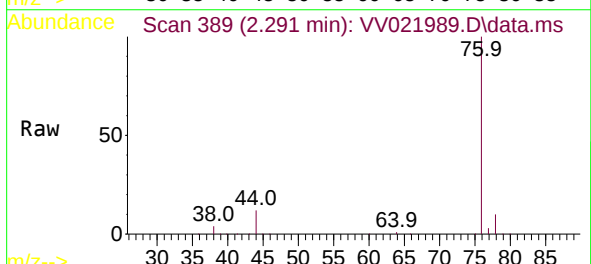
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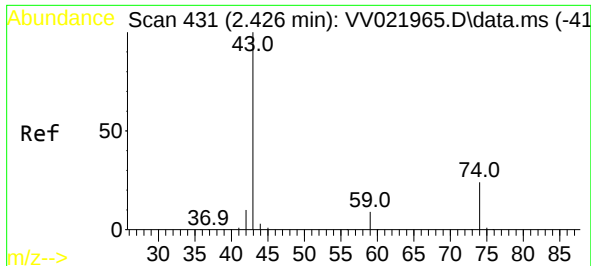
Tgt Ion: 43 Resp: 131749
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 47.051 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 76 Resp: 303837
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

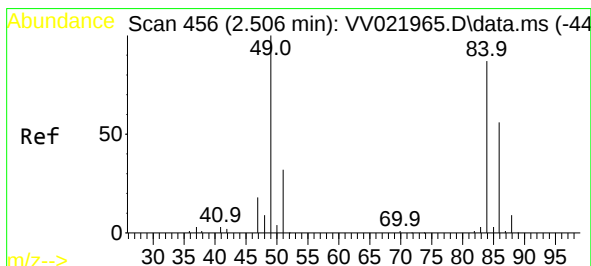
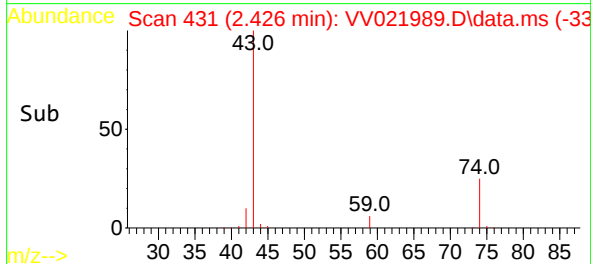
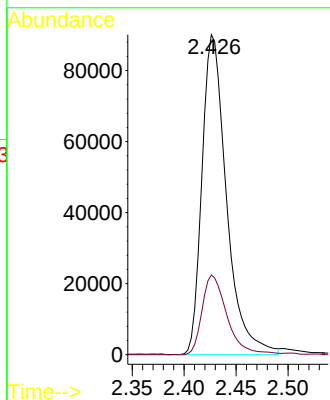
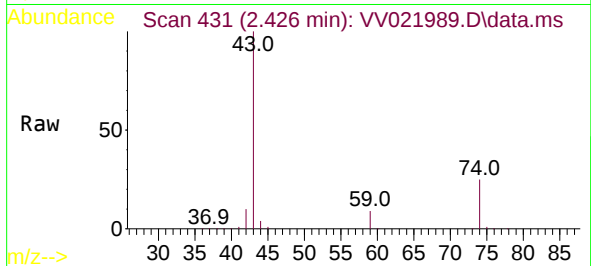




#15
Methyl Acetate
Concen: 51.525 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

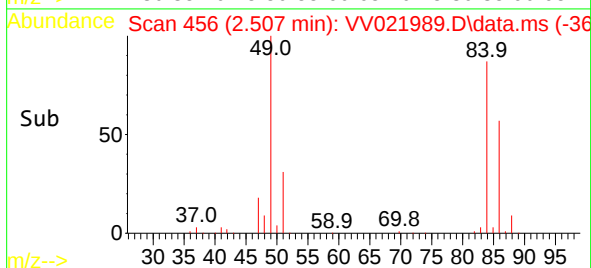
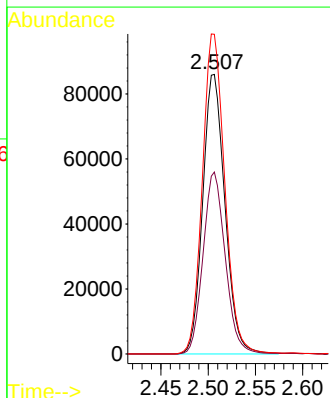
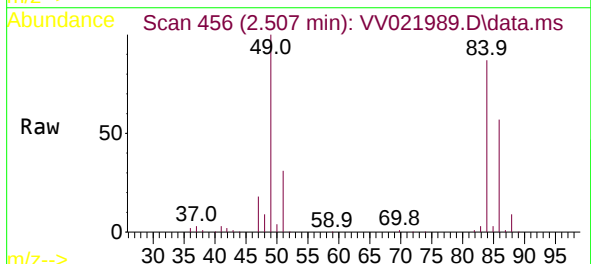
Instrument :
MSVOA_V
ClientSampled :

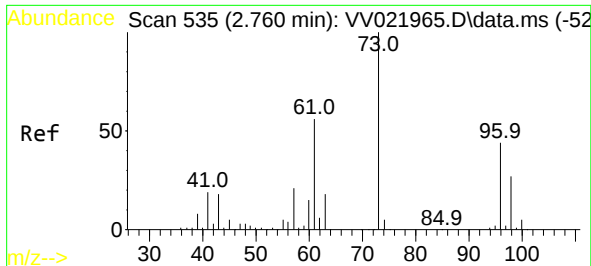
Tgt Ion: 43 Resp: 148143
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 49.100 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 84 Resp: 140783
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 114.3 80.2 149.0

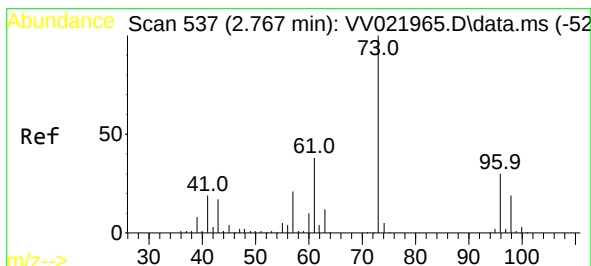
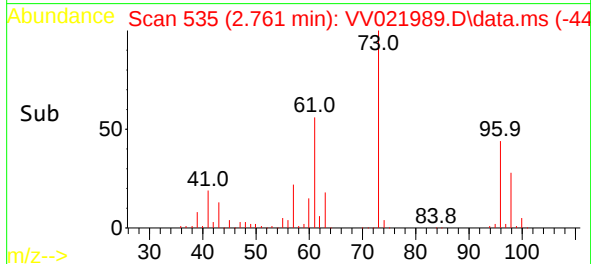
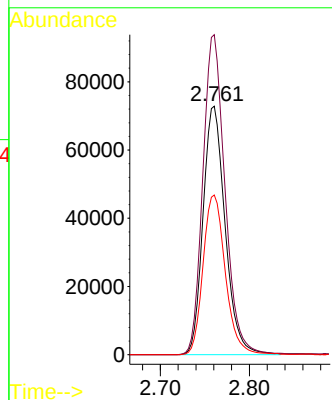
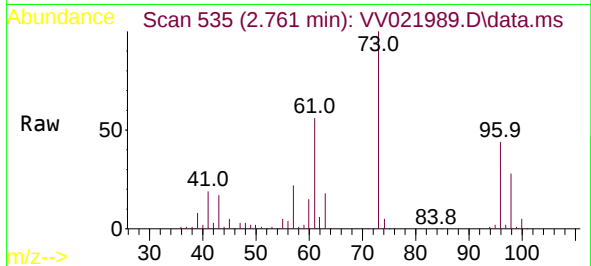




#17
trans-1,2-Dichloroethene
Concen: 48.508 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

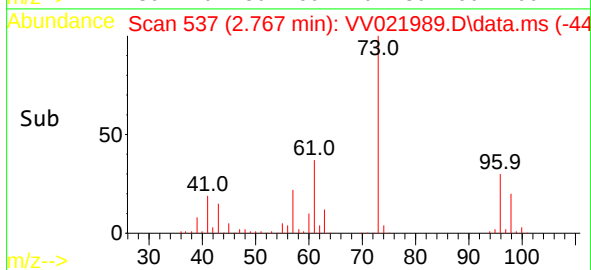
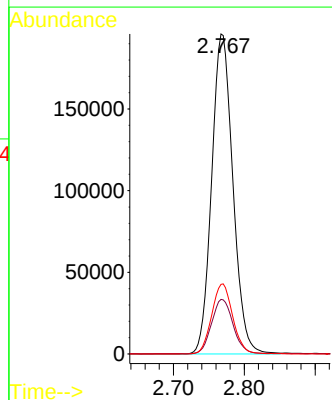
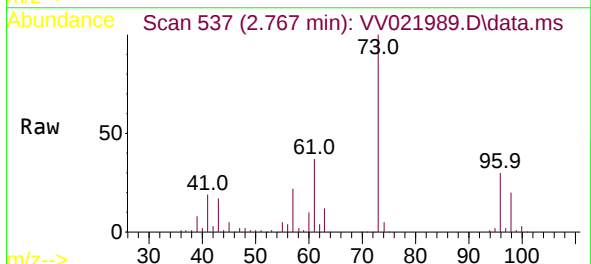
Instrument :
MSVOA_V
ClientSampleId :

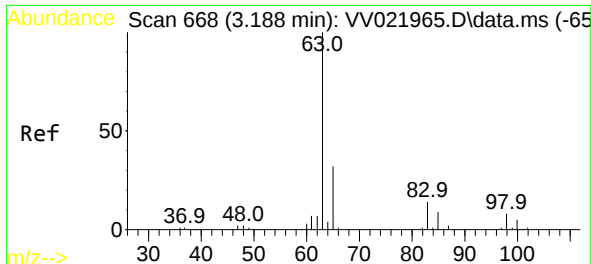
Tgt Ion: 96 Resp: 125520
Ion Ratio Lower Upper
96 100
61 128.8 89.1 165.5
98 64.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.605 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 73 Resp: 407882
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.754 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV021989.D

Acq: 27 Aug 2021 20:31

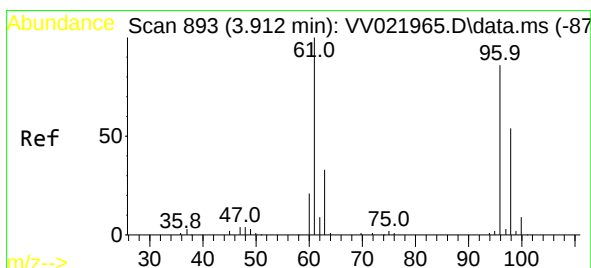
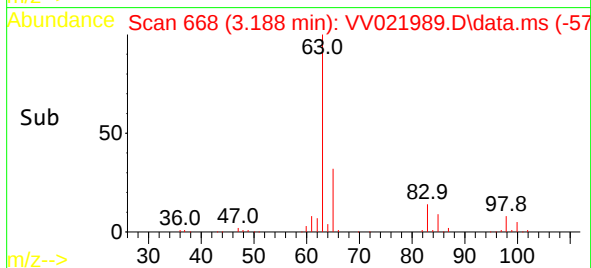
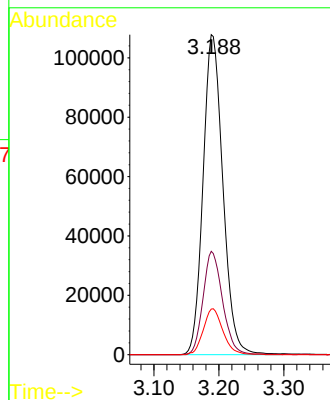
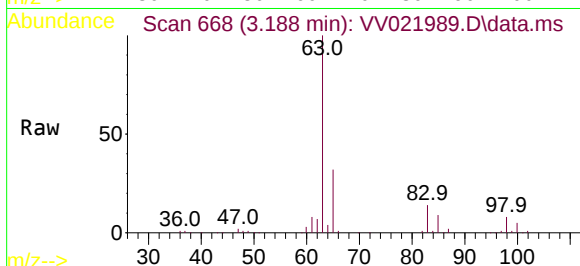
Tgt Ion: 63 Resp: 229298

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 49.282 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV021989.D

Acq: 27 Aug 2021 20:31

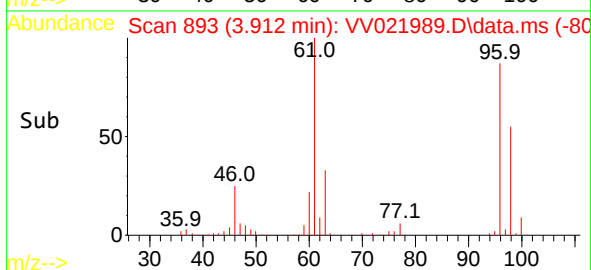
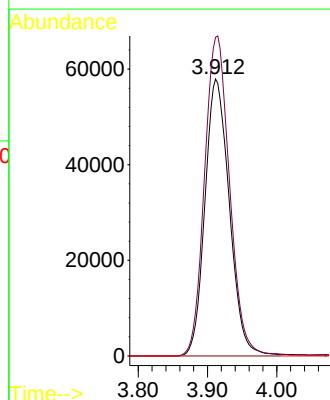
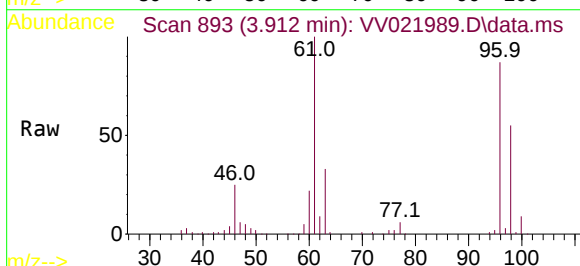
Tgt Ion: 96 Resp: 141932

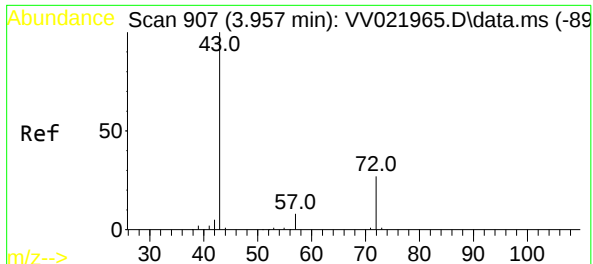
Ion Ratio Lower Upper

96 100

61 115.1 81.8 152.0

68 0.0 0.0 0.0

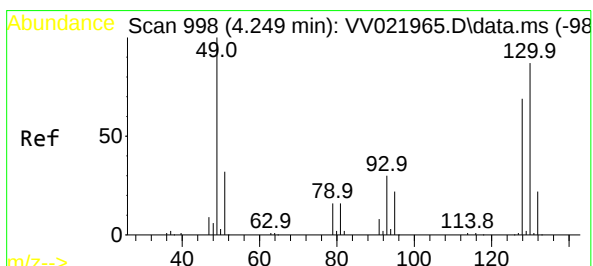
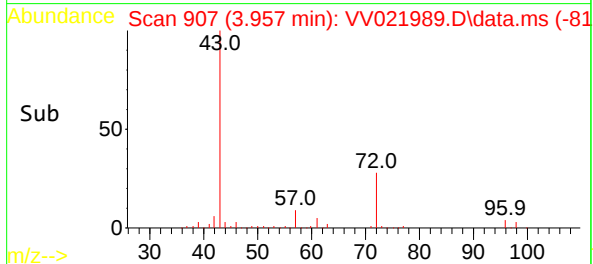
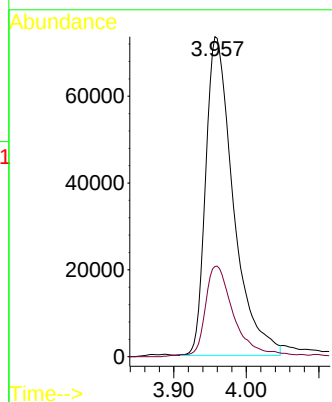
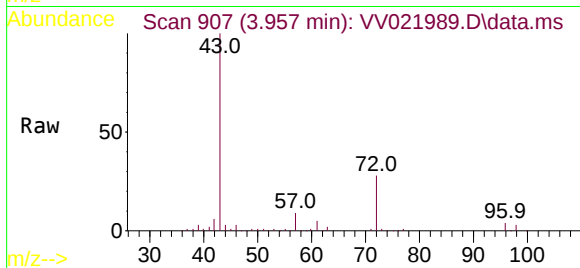




#22
2-Butanone
Concen: 93.513 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

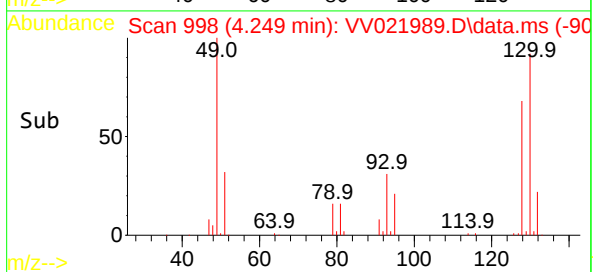
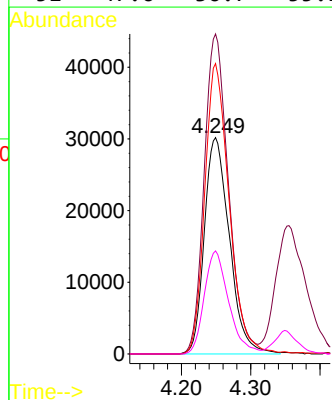
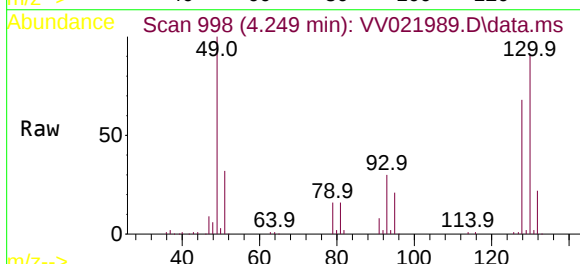
Instrument :
MSVOA_V
ClientSampled :

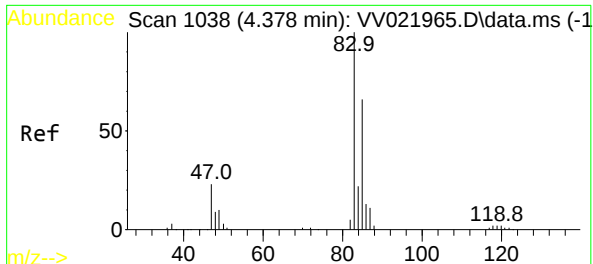
Tgt Ion: 43 Resp: 194069
Ion Ratio Lower Upper
43 100
72 27.0 13.3 39.8



#23
Bromochloromethane
Concen: 49.477 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 128 Resp: 75886
Ion Ratio Lower Upper
128 100
49 148.0 101.6 188.8
130 134.3 88.5 164.3
51 47.6 36.7 55.1





#25

Chloroform

Concen: 49.721 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV021989.D

Acq: 27 Aug 2021 20:31

Tgt Ion: 83 Resp: 242568

Ion Ratio Lower Upper

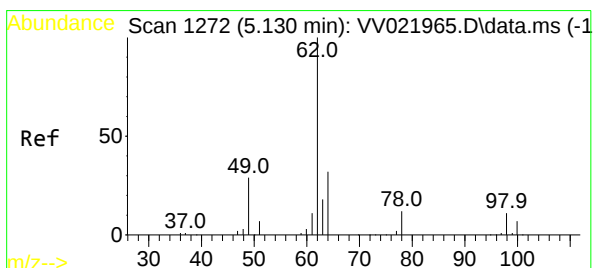
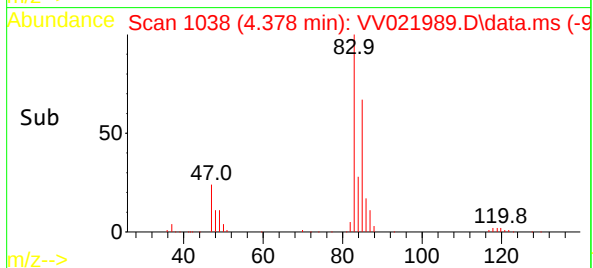
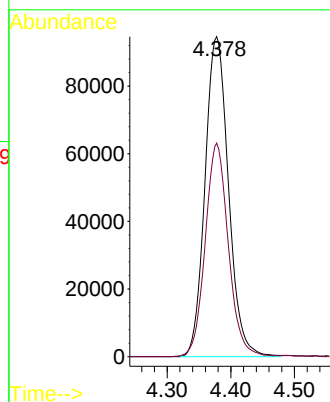
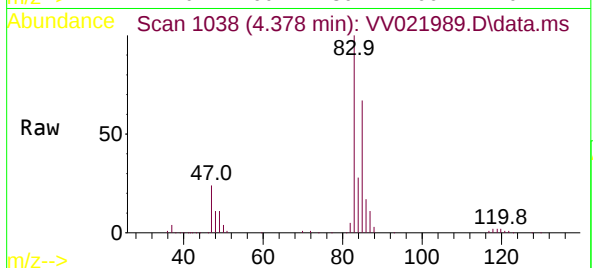
83 100

85 66.7 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 51.584 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021989.D

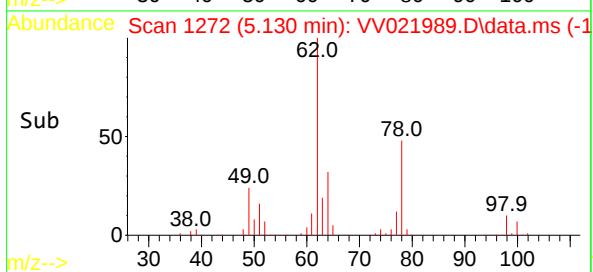
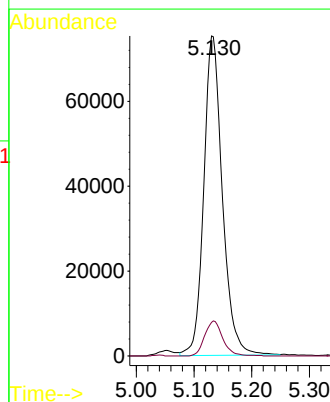
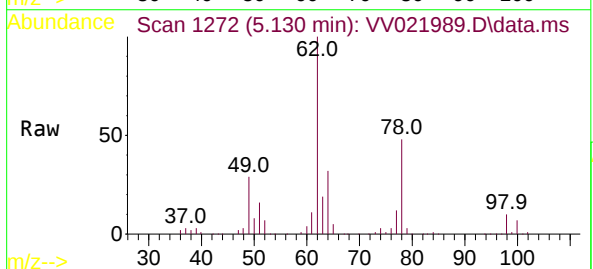
Acq: 27 Aug 2021 20:31

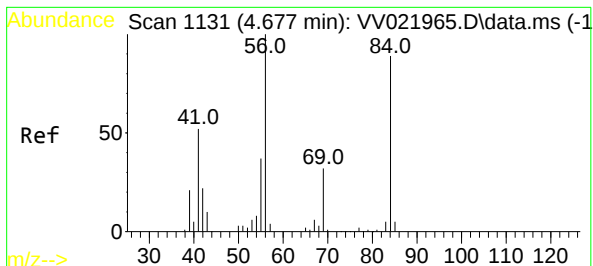
Tgt Ion: 62 Resp: 168694

Ion Ratio Lower Upper

62 100

98 10.5 8.5 12.7

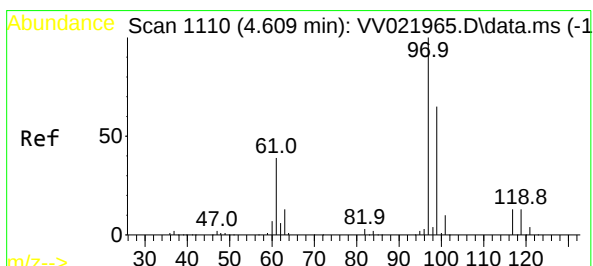
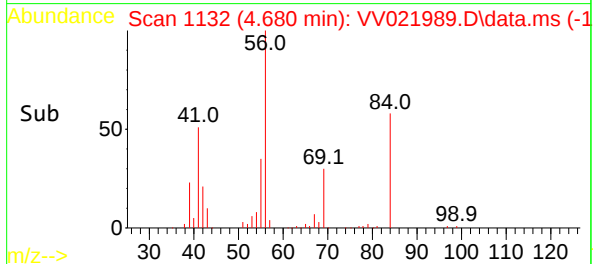
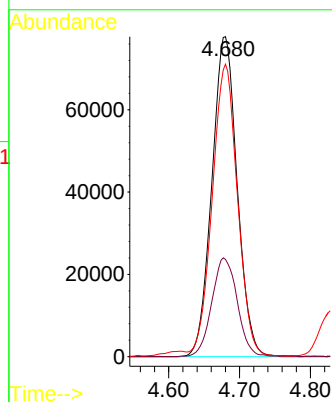
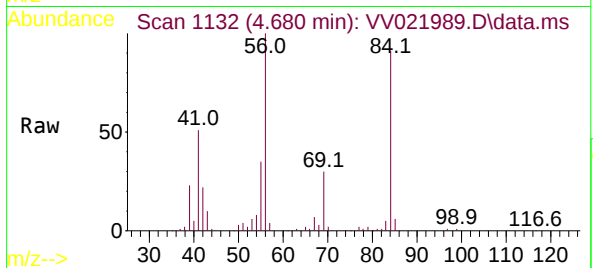




#29
Cyclohexane
Concen: 48.779 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

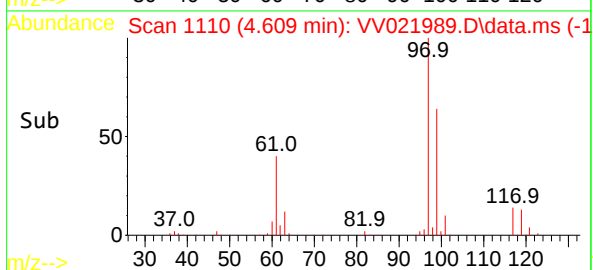
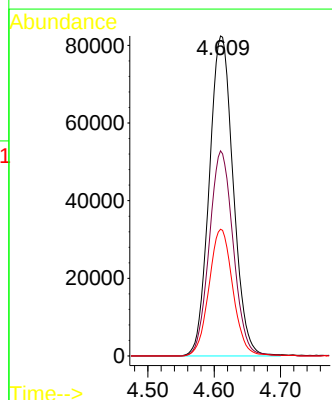
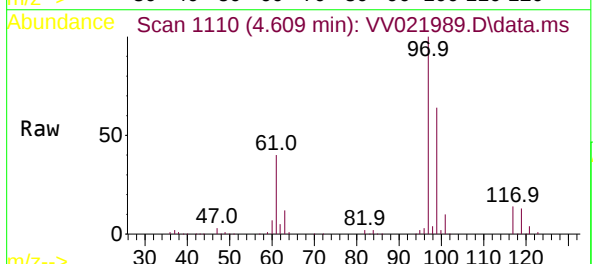
Instrument :
MSVOA_V
ClientSampled :

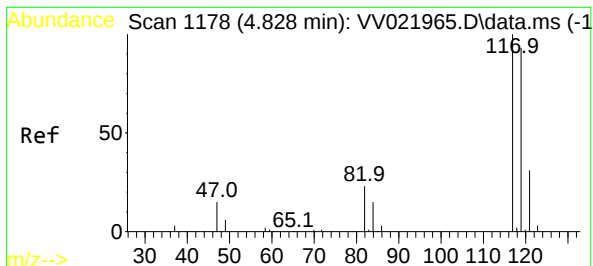
Tgt Ion: 56 Resp: 193028
Ion Ratio Lower Upper
56 100
69 31.1 25.2 37.8
84 90.4 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 49.187 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 97 Resp: 206943
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 39.5 31.8 47.8

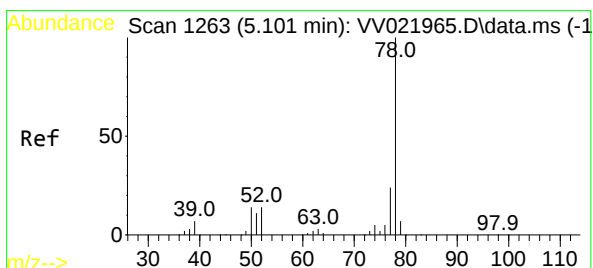
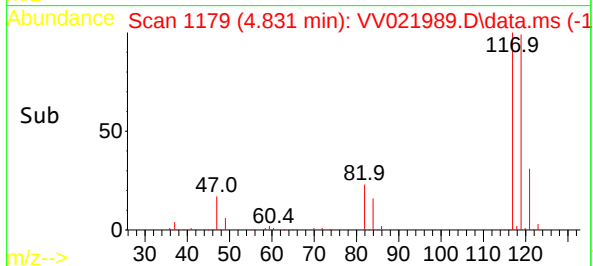
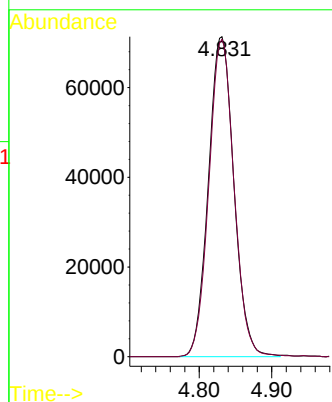
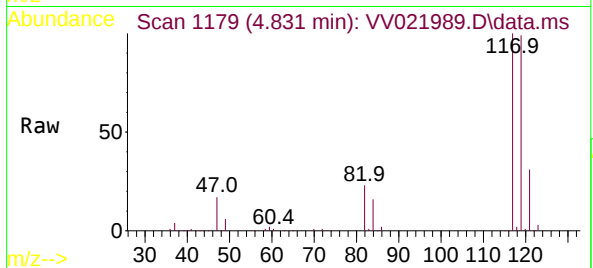




#31
Carbon tetrachloride
Concen: 48.239 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

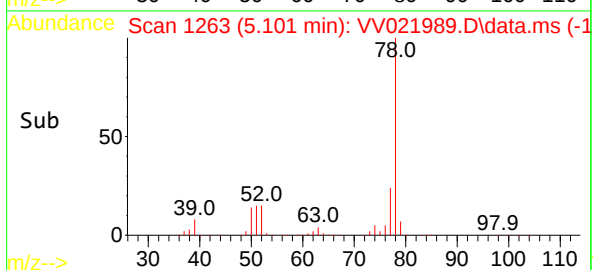
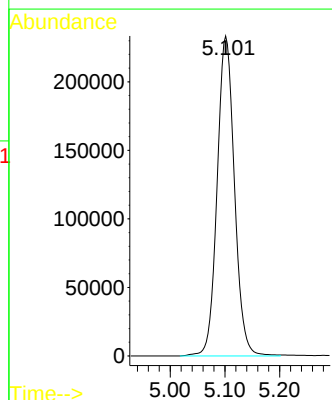
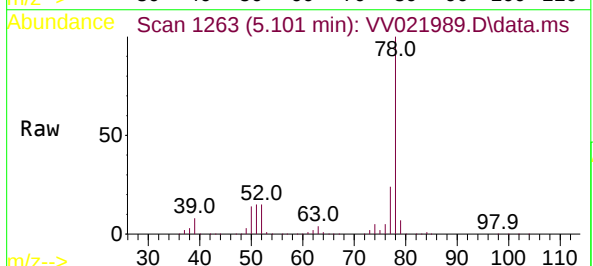
Instrument :
MSVOA_V
ClientSampleId :

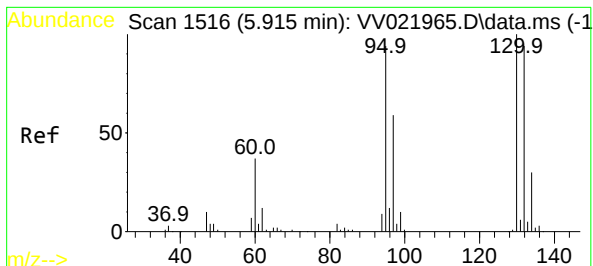
Tgt Ion:117 Resp: 174369
Ion Ratio Lower Upper
117 100
119 97.7 76.6 114.8



#33
Benzene
Concen: 49.858 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 78 Resp: 513504

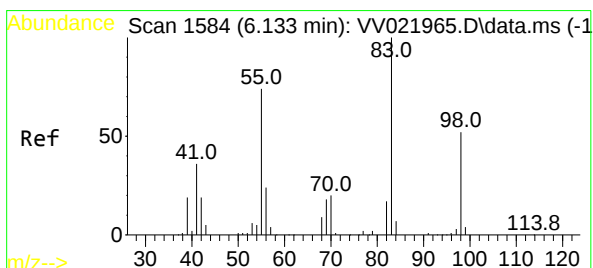
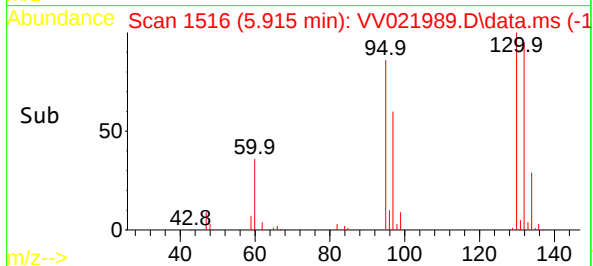
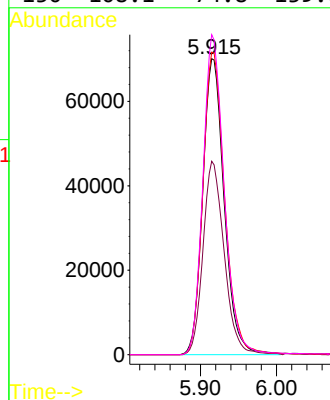
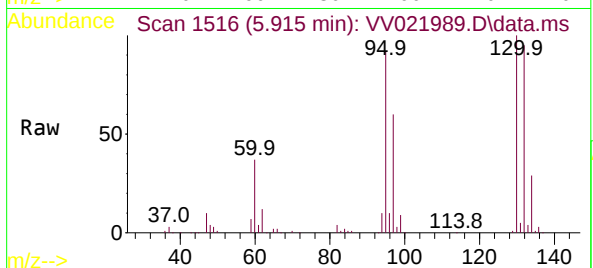




#34
Trichloroethene
Concen: 47.116 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

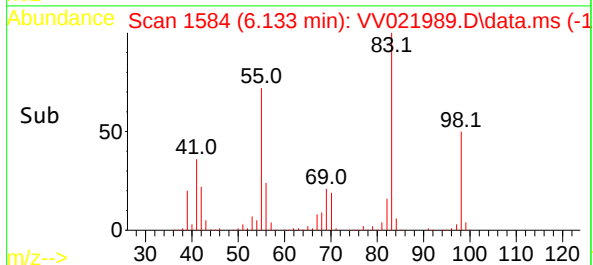
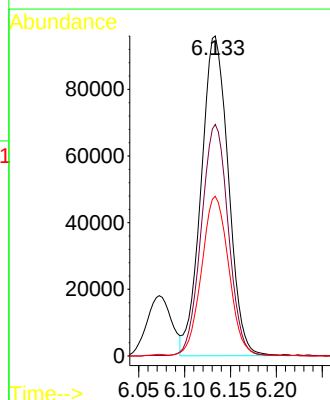
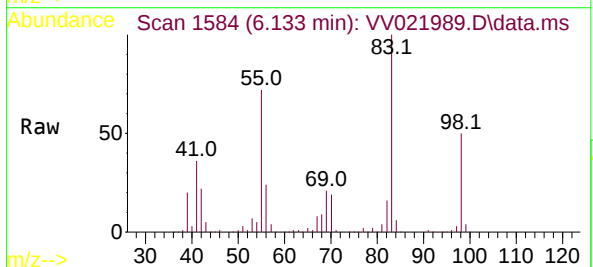
Instrument :
MSVOA_V
ClientSampled :

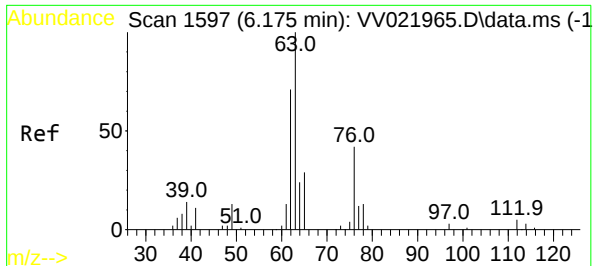
Tgt Ion: 95 Resp: 137453
Ion Ratio Lower Upper
95 100
97 65.4 44.1 81.9
132 102.2 70.7 131.3
130 108.1 74.8 139.0



#35
Methylcyclohexane
Concen: 46.439 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 83 Resp: 198058
Ion Ratio Lower Upper
83 100
55 71.8 56.8 85.2
98 49.4 39.9 59.9

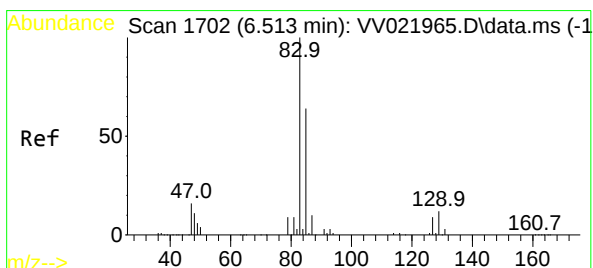
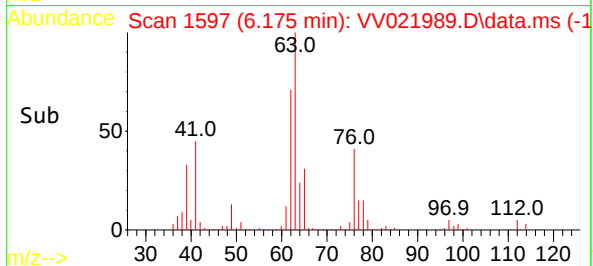
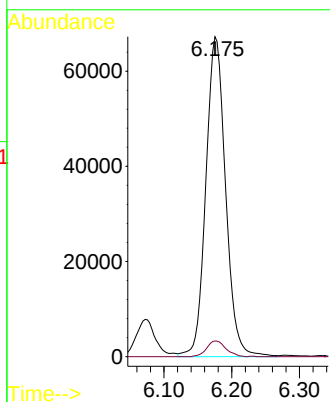
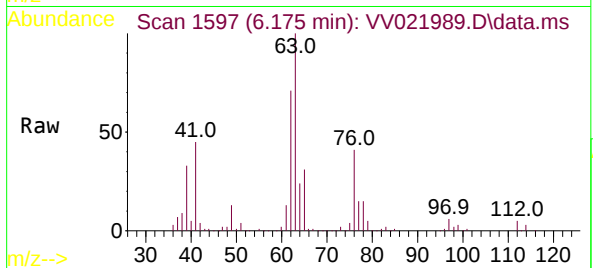




#37
1,2-Dichloropropane
Concen: 50.995 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

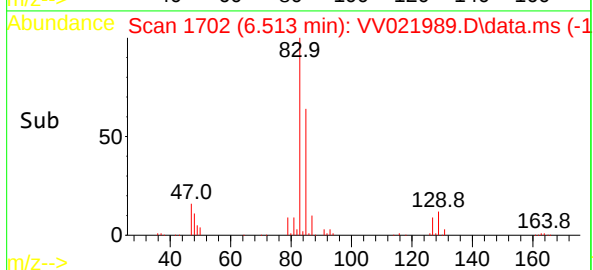
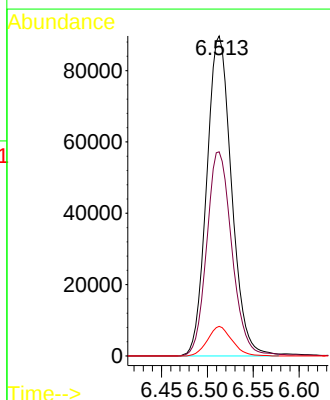
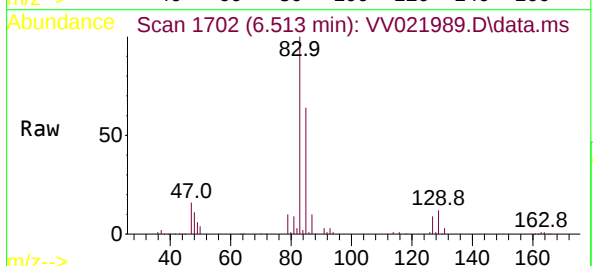
Instrument :
MSVOA_V
ClientSampleId :

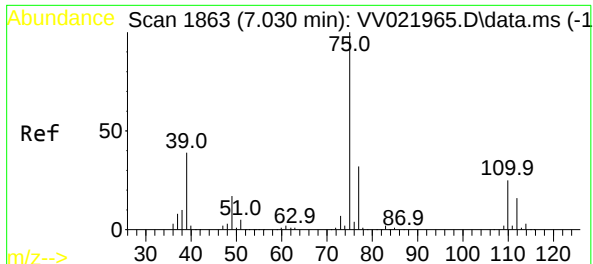
Tgt Ion: 63 Resp: 136145
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 49.533 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 83 Resp: 169113
Ion Ratio Lower Upper
83 100
85 63.8 44.8 83.2
127 9.3 7.3 10.9

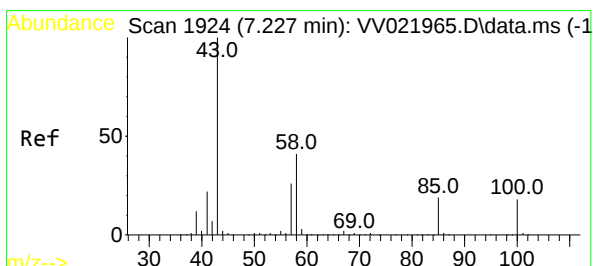
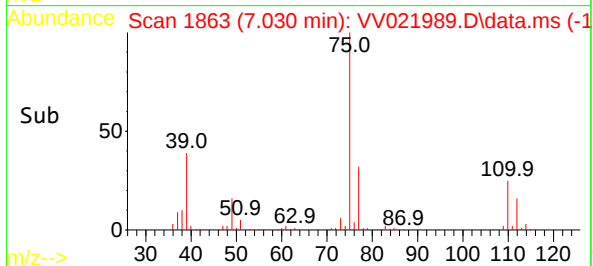
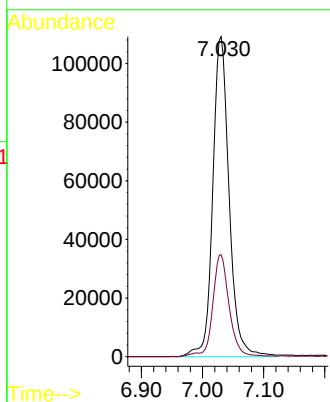
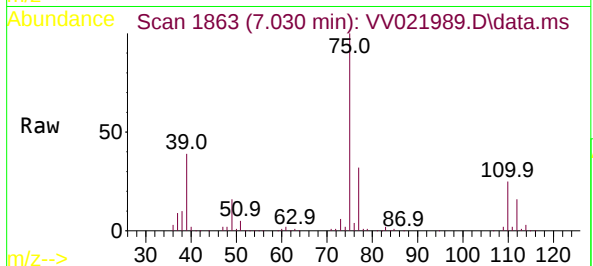




#39
 cis-1,3-Dichloropropene
 Concen: 49.269 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV021989.D
 Acq: 27 Aug 2021 20:31

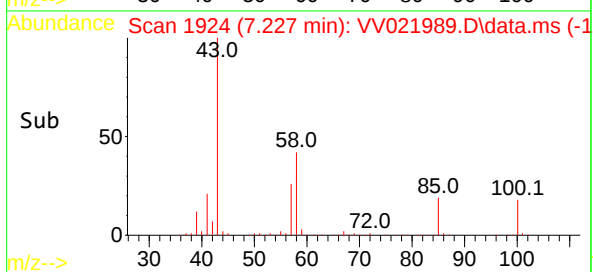
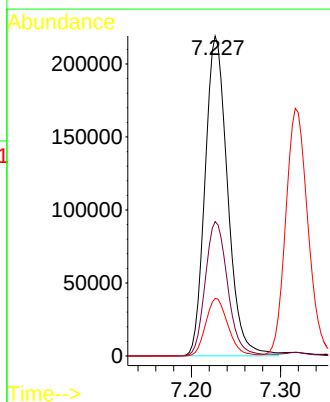
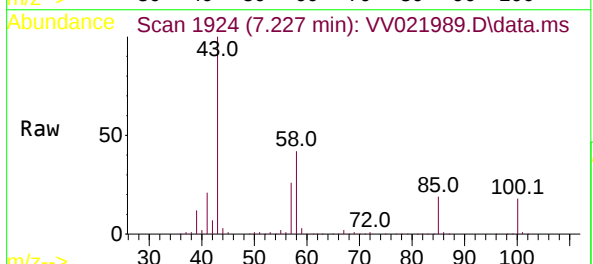
Instrument :
 MSVOA_V
 ClientSampled :

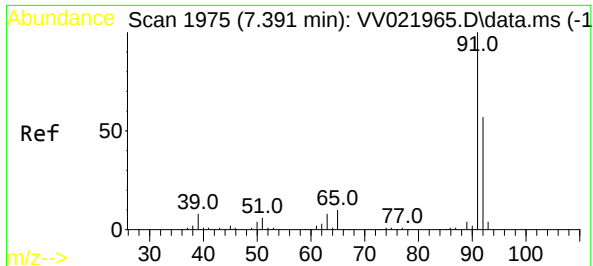
Tgt Ion: 75 Resp: 203081
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 106.267 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021989.D
 Acq: 27 Aug 2021 20:31

Tgt Ion: 43 Resp: 384623
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.3 49.9
 100 17.8 14.5 21.7

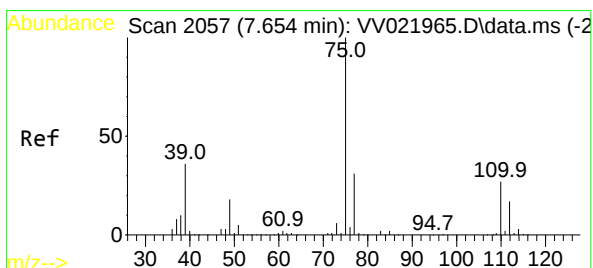
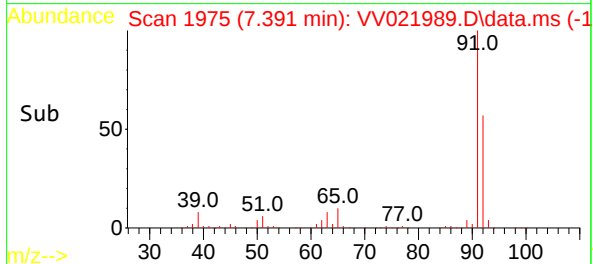
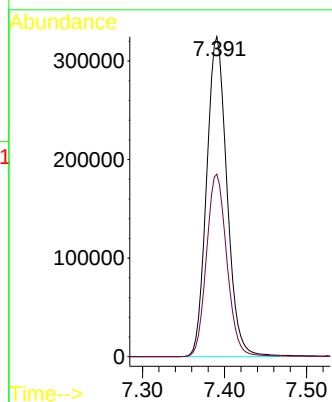
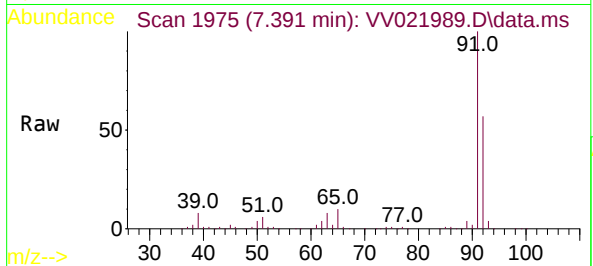




#42
Toluene
Concen: 50.282 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

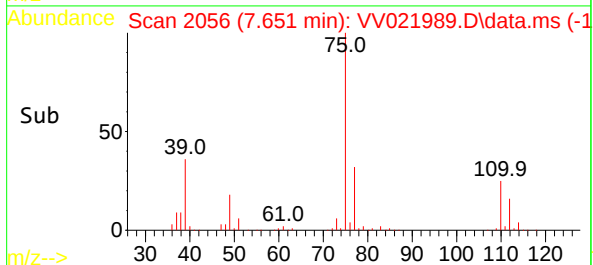
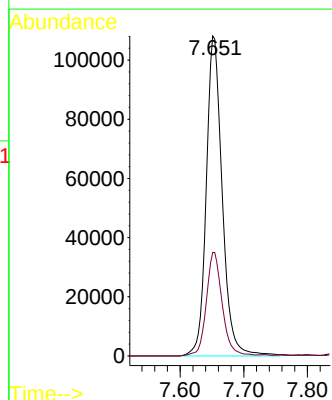
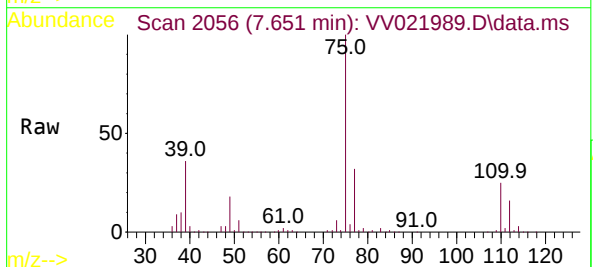
Instrument :
MSVOA_V
ClientSampled :

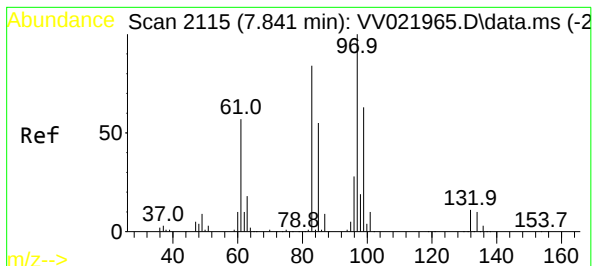
Tgt Ion: 91 Resp: 558928
Ion Ratio Lower Upper
91 100
92 57.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 49.173 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 75 Resp: 188639
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.6



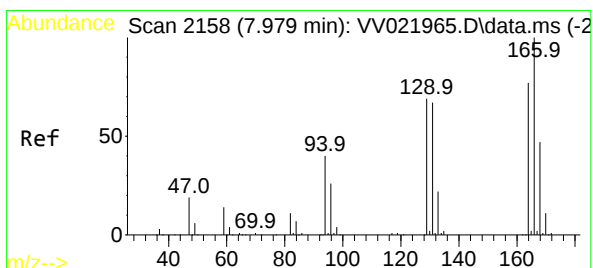
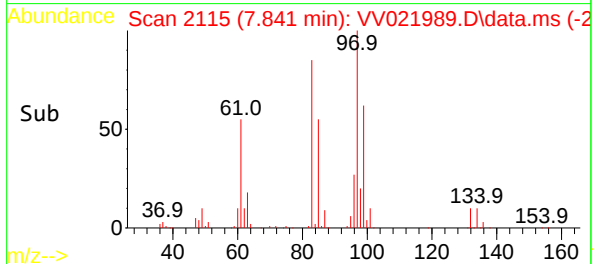
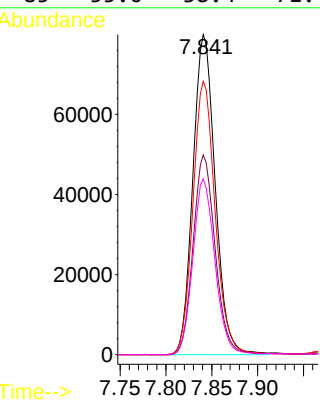
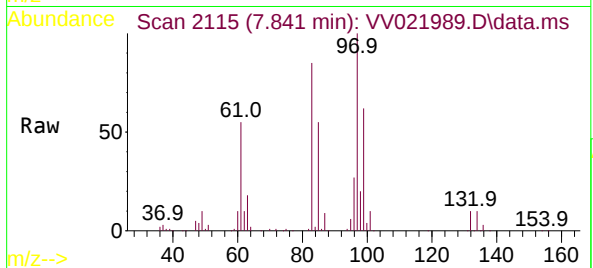


#45
1,1,2-Trichloroethane
Concen: 49.868 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 135464

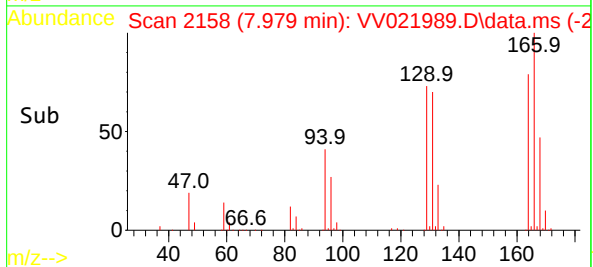
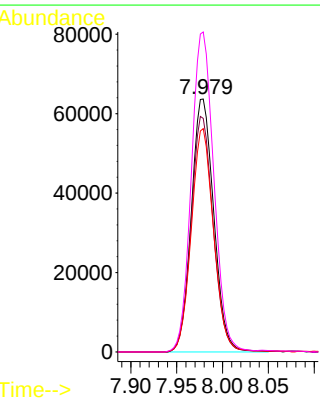
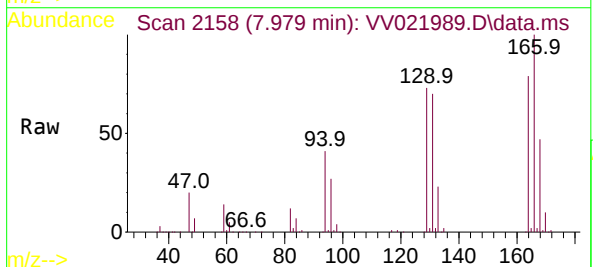
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.4
83	85.5	58.8	109.2
85	55.0	38.4	71.4

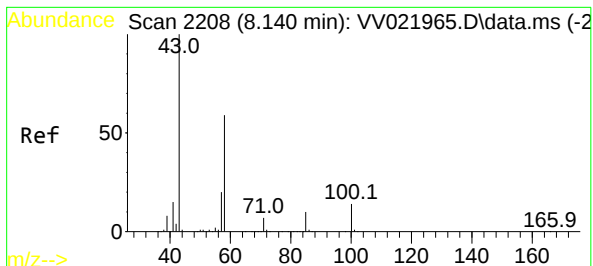


#46
Tetrachloroethene
Concen: 47.852 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 164 Resp: 108549

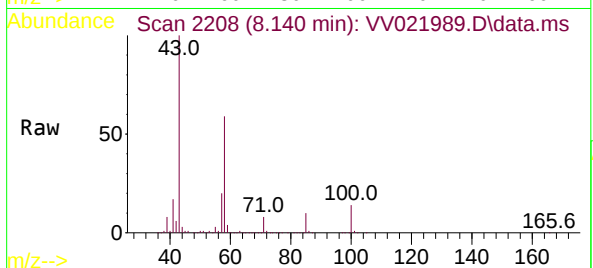
Ion	Ratio	Lower	Upper
164	100		
129	92.3	62.9	116.9
131	88.3	61.0	113.4
166	126.5	90.6	168.3



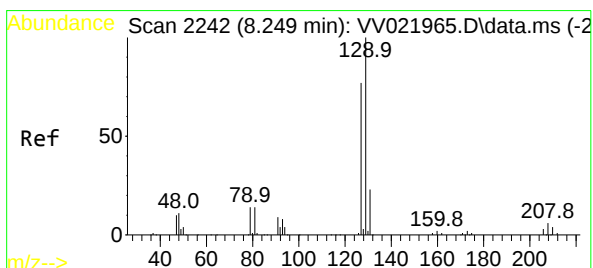
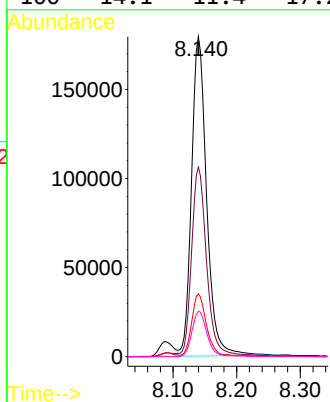
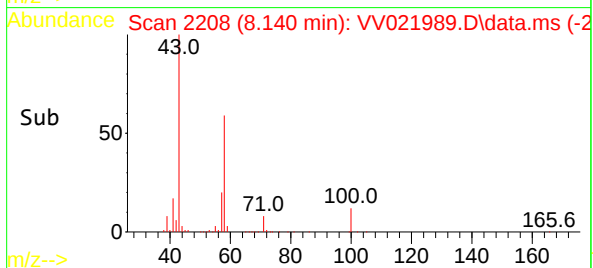


#48
2-Hexanone
Concen: 105.303 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

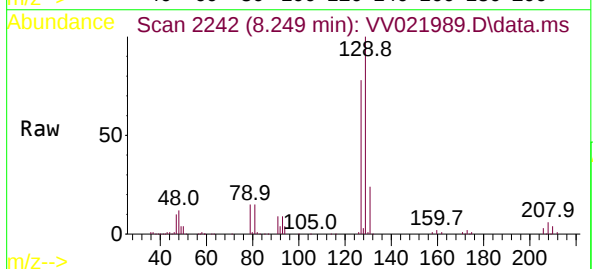
Instrument :
MSVOA_V
ClientSampled :



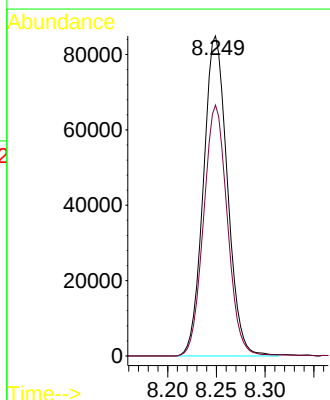
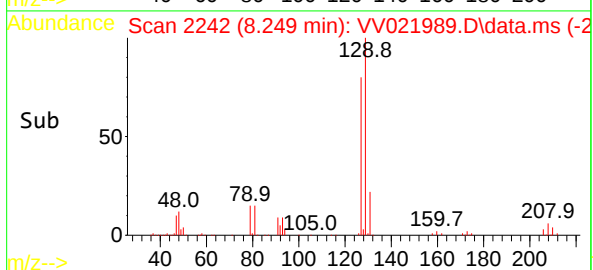
Tgt Ion: 43 Resp: 295718
Ion Ratio Lower Upper
43 100
58 58.6 47.5 71.3
57 18.6 15.9 23.9
100 14.1 11.4 17.2

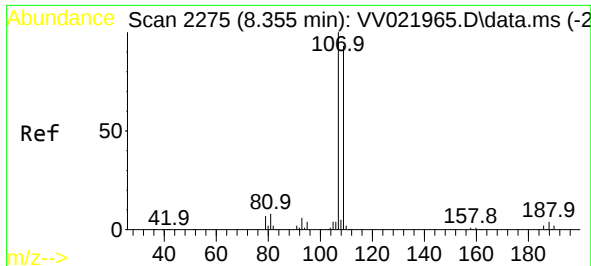


#49
Dibromochloromethane
Concen: 49.978 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31



Tgt Ion: 129 Resp: 145321
Ion Ratio Lower Upper
129 100
127 78.4 54.1 100.5

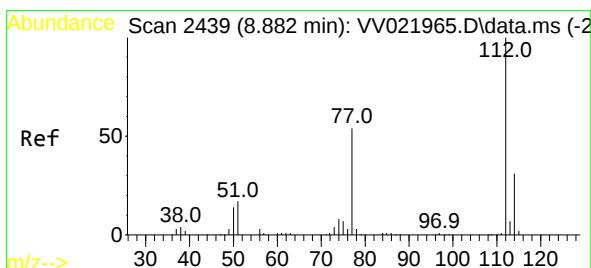
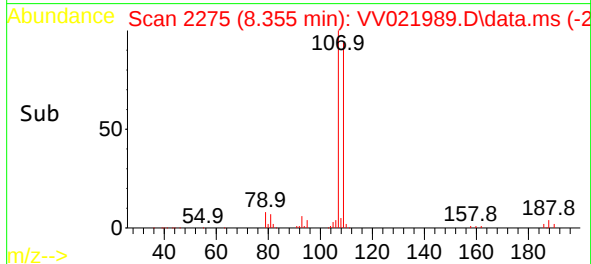
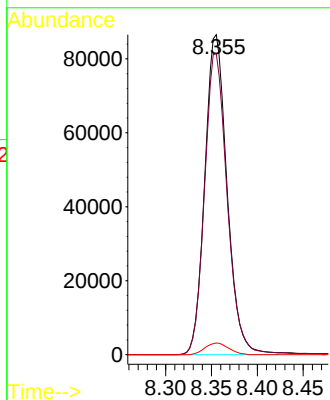
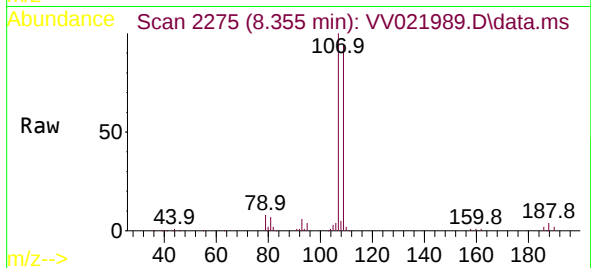




#50
1,2-Dibromoethane
Concen: 50.234 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

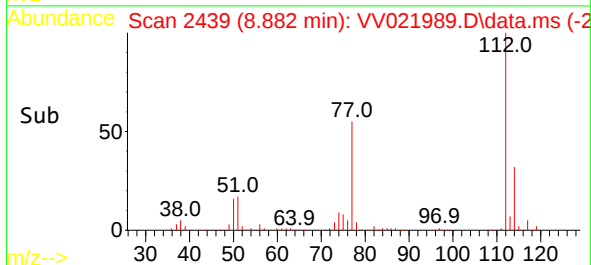
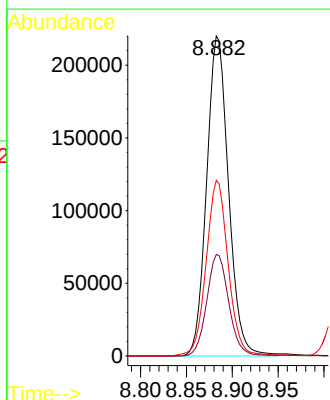
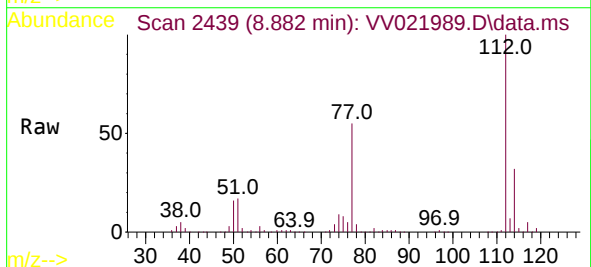
Instrument :
MSVOA_V
ClientSampled :

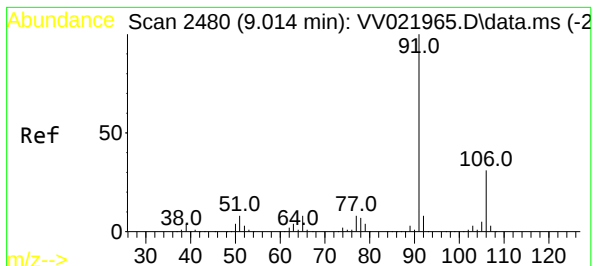
Tgt Ion:107 Resp: 146451
Ion Ratio Lower Upper
107 100
109 94.1 65.5 121.6
188 3.7 3.2 4.8



#51
Chlorobenzene
Concen: 48.900 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:112 Resp: 365462
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 54.9 43.2 64.8

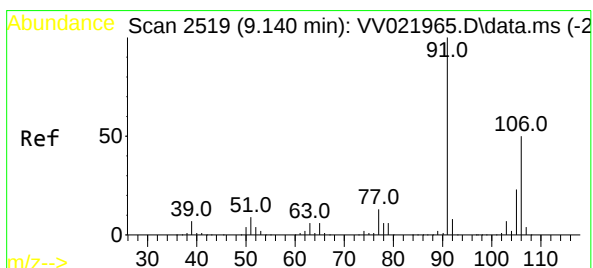
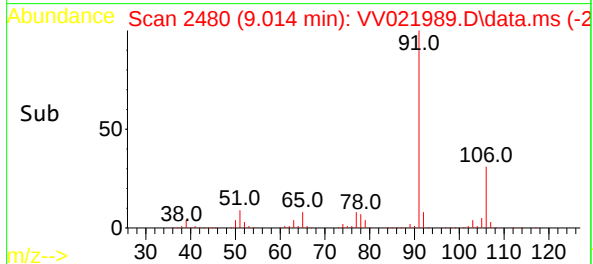
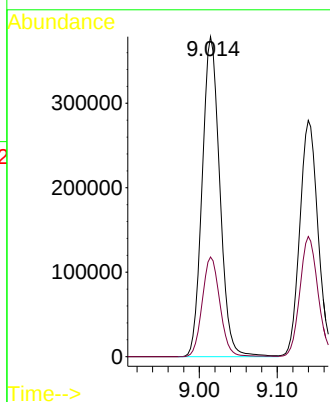
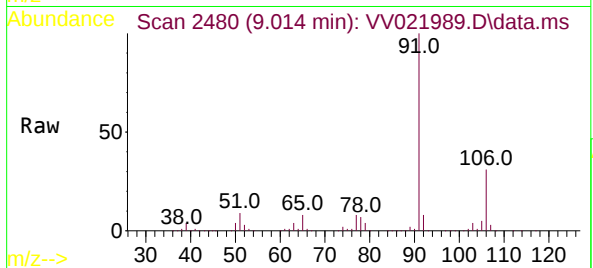




#52
Ethylbenzene
Concen: 49.491 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

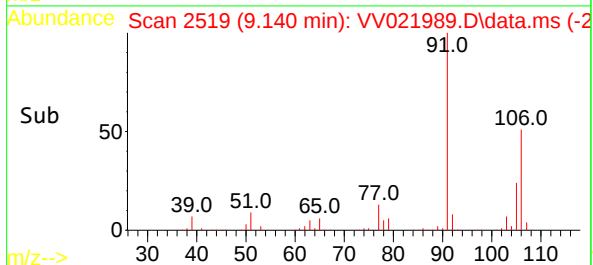
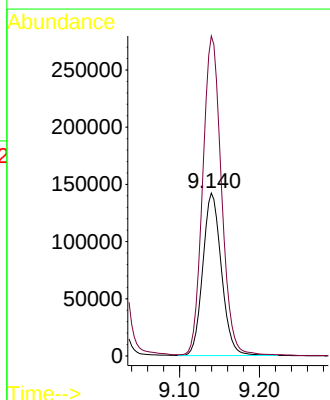
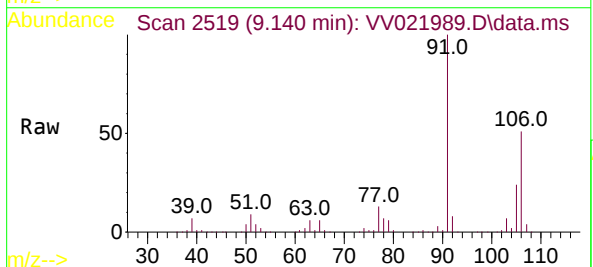
Instrument :
MSVOA_V
ClientSampled :

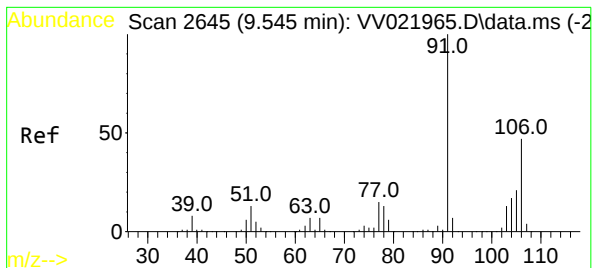
Tgt Ion: 91 Resp: 595528
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 49.342 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 106 Resp: 230774
Ion Ratio Lower Upper
106 100
91 196.5 139.1 258.3

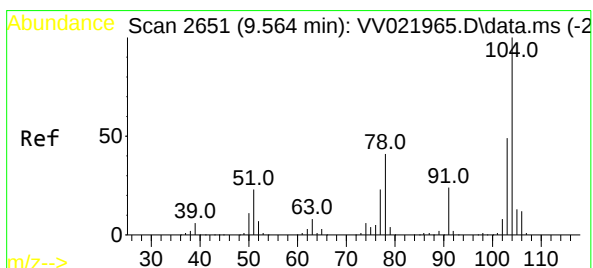
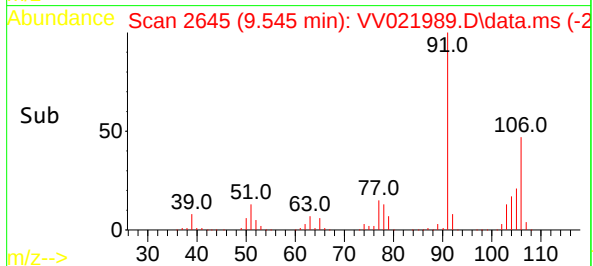
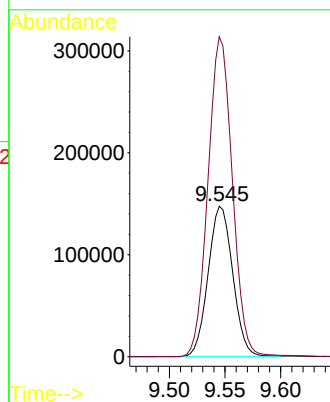
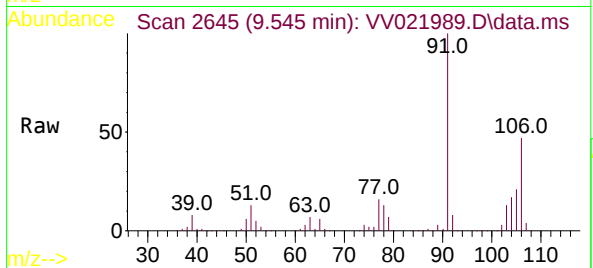




#54
o-Xylene
Concen: 49.092 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

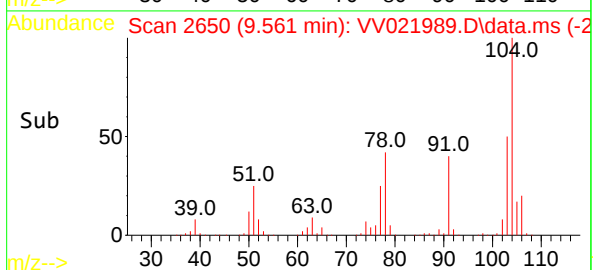
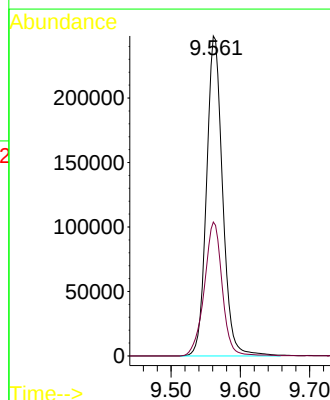
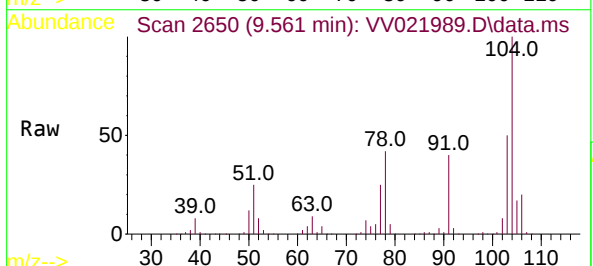
Instrument :
MSVOA_V
ClientSampled :

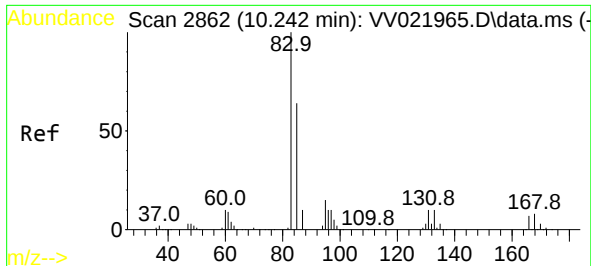
Tgt Ion:106 Resp: 227185
Ion Ratio Lower Upper
106 100
91 212.7 150.1 278.9



#55
Styrene
Concen: 50.594 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:104 Resp: 399570
Ion Ratio Lower Upper
104 100
78 41.9 28.6 53.2



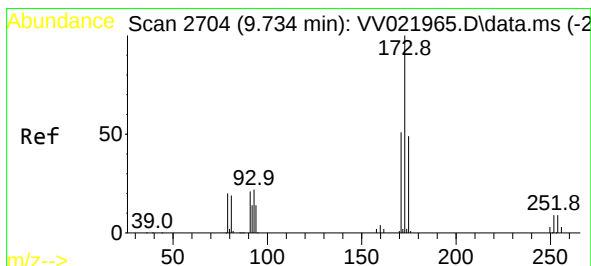
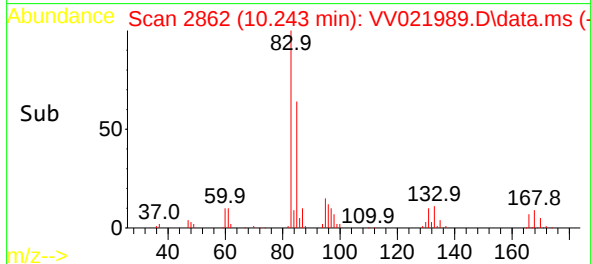
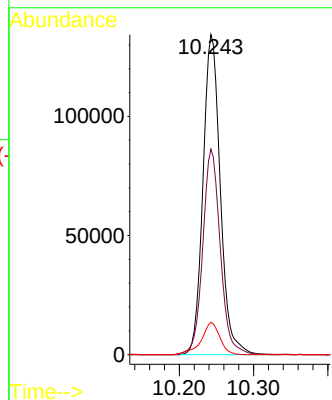
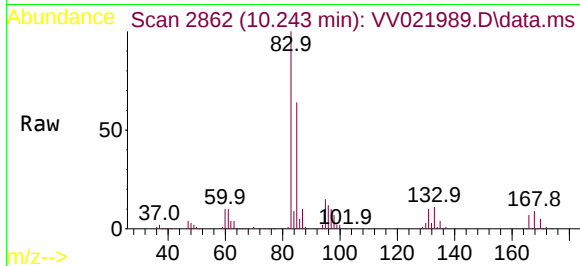


#57
1,1,2,2-Tetrachloroethane
Concen: 55.312 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 83 Resp: 217697

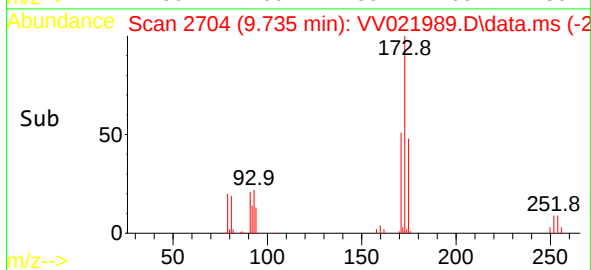
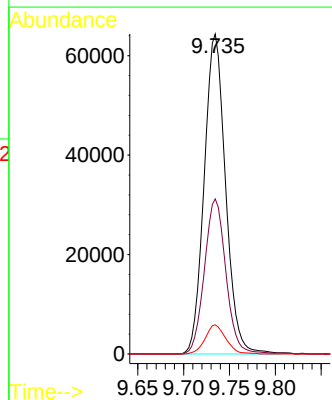
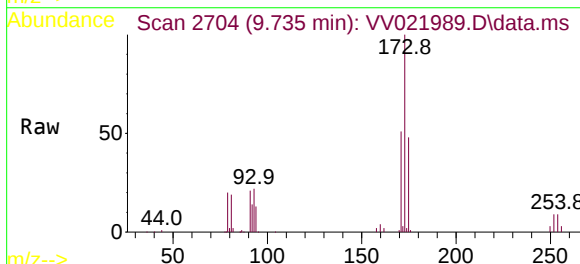
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.7	83.1
131	10.1	8.2	12.2

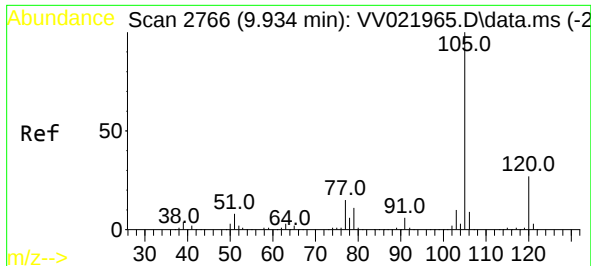


#59
Bromoform
Concen: 51.379 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:173 Resp: 104544

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.8	58.2
254	8.8	7.0	10.4

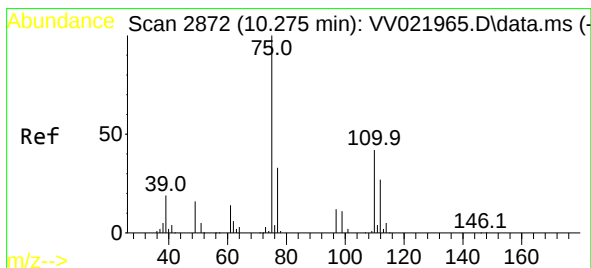
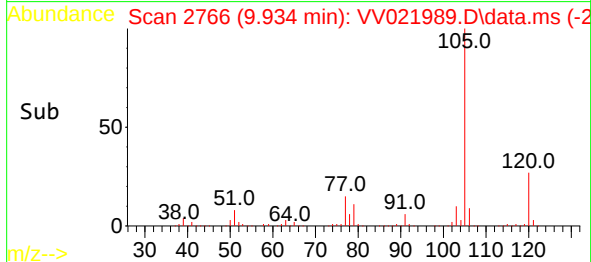
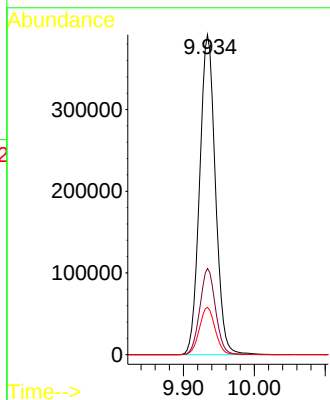
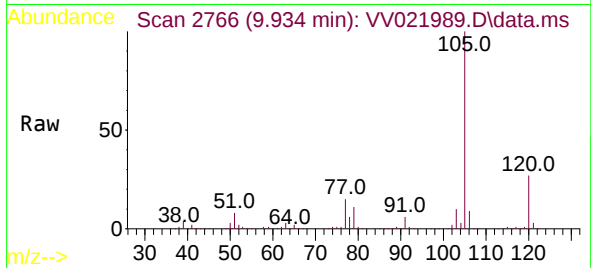




#60
Isopropylbenzene
Concen: 50.179 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

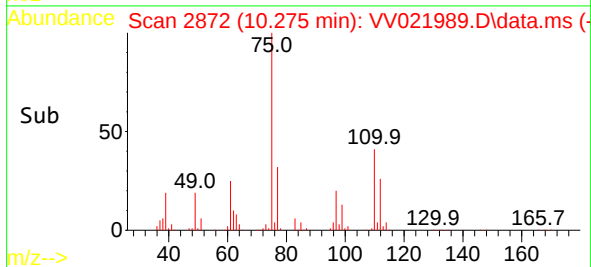
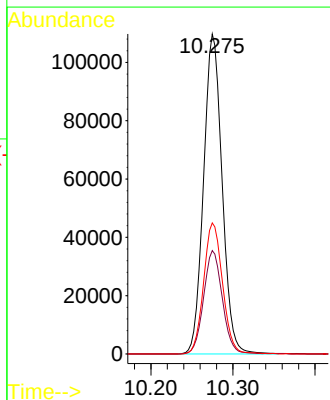
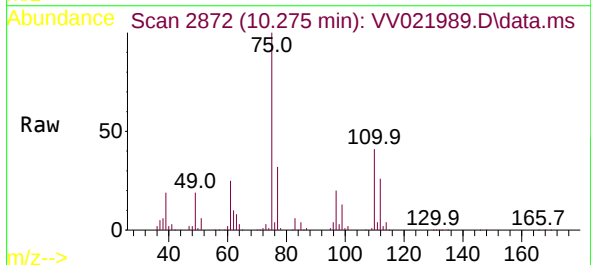
Instrument :
MSVOA_V
ClientSampleId :

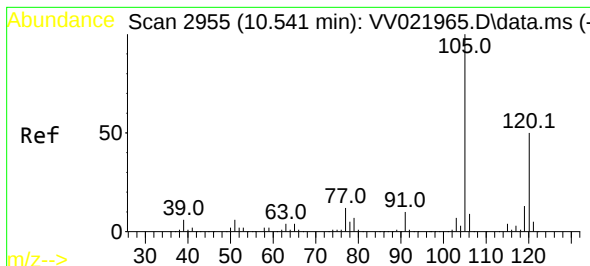
Tgt Ion:105 Resp: 604055
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.932 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 75 Resp: 172432
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 41.7 33.8 50.6

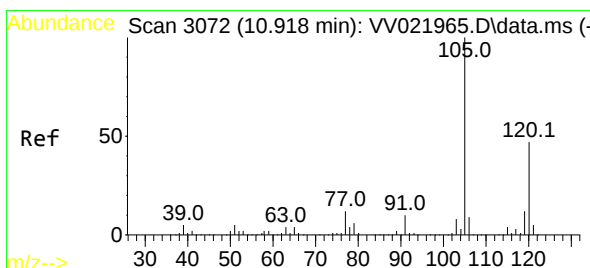
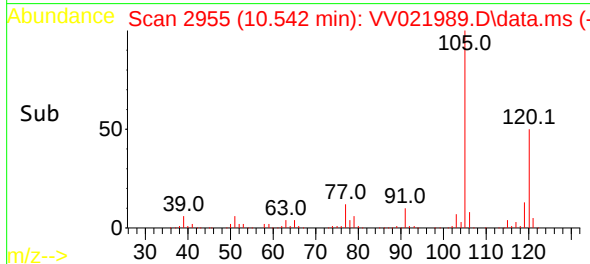
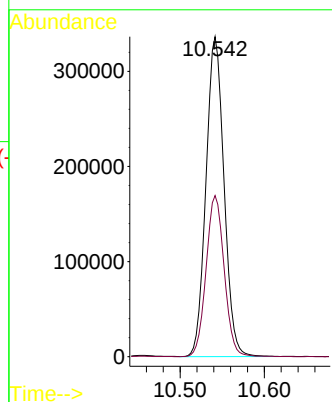
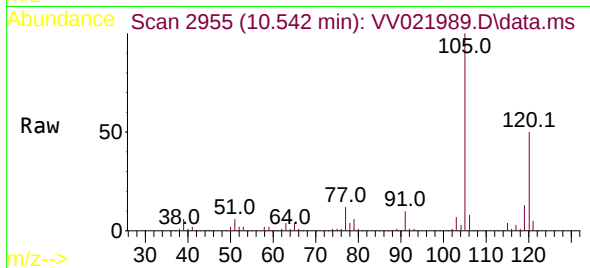




#62
1,3,5-Trimethylbenzene
Concen: 49.624 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

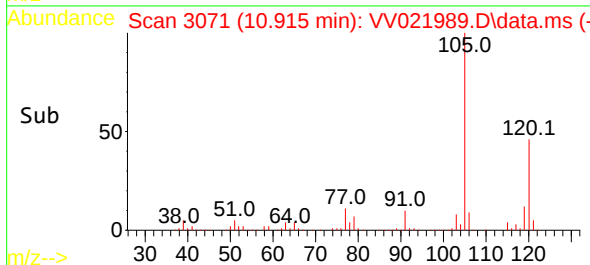
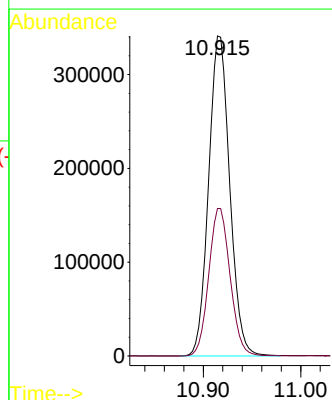
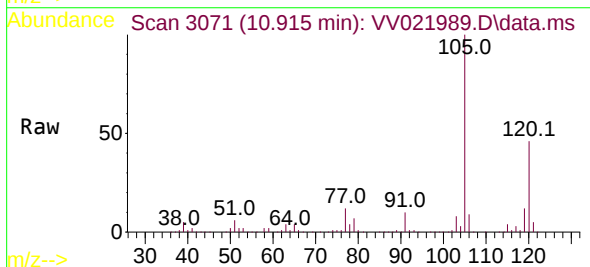
Tgt Ion:105 Resp: 501510
Ion Ratio Lower Upper
105 100
120 50.6 39.6 59.4

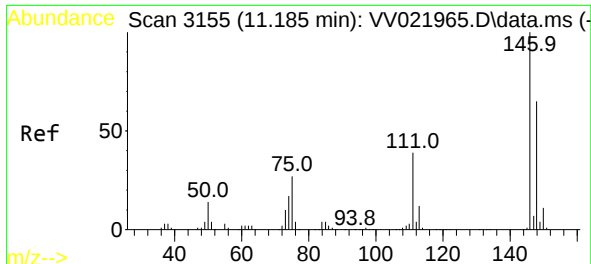
Instrument :
MSVOA_V
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 50.000 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:105 Resp: 513615
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

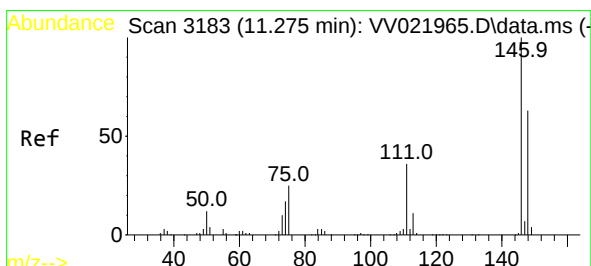
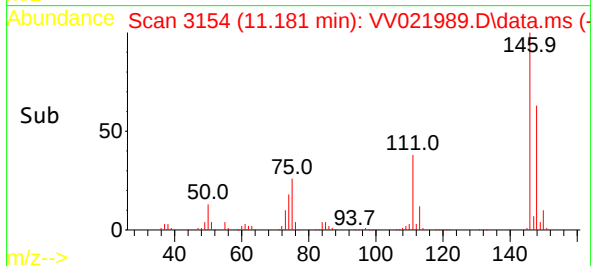
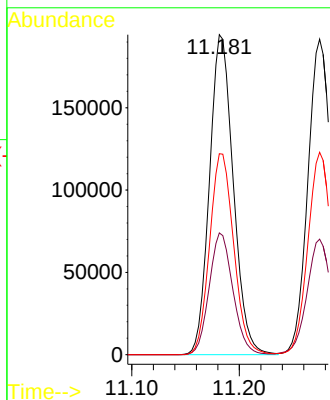
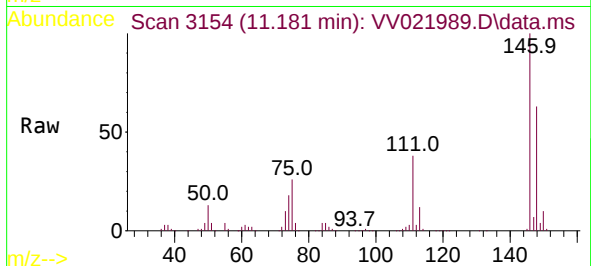




#64
1,3-Dichlorobenzene
Concen: 48.921 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

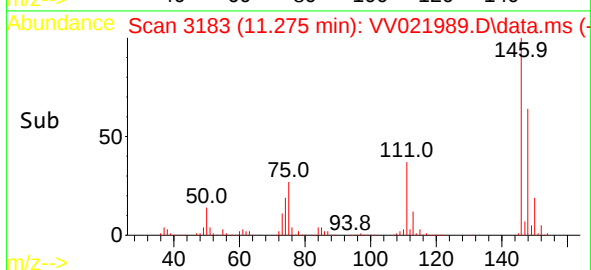
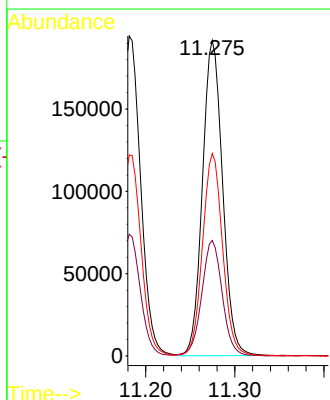
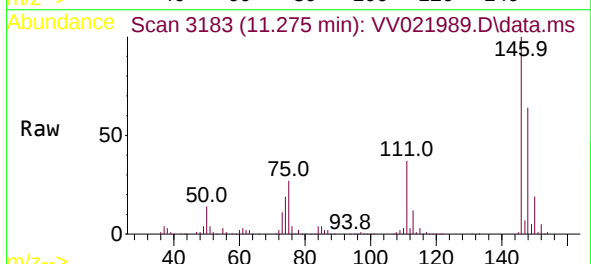
Instrument :
MSVOA_V
ClientSampleId :

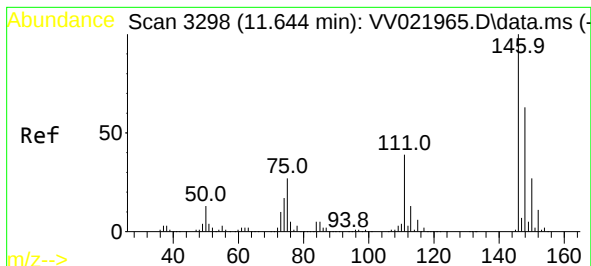
Tgt Ion:146 Resp: 299009
Ion Ratio Lower Upper
146 100
111 38.0 26.9 50.1
148 62.8 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 47.996 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:146 Resp: 300178
Ion Ratio Lower Upper
146 100
111 36.6 25.3 46.9
148 64.2 44.4 82.5

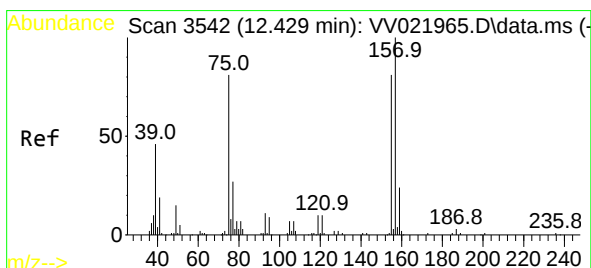
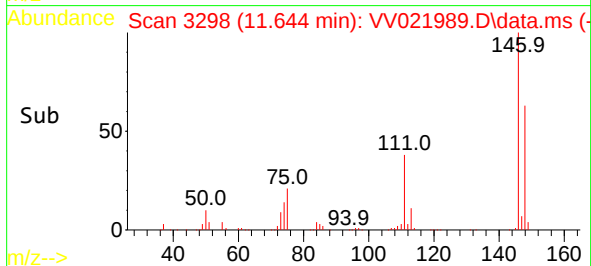
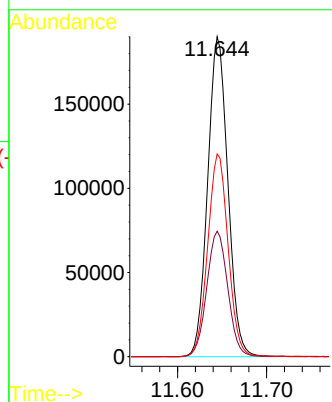
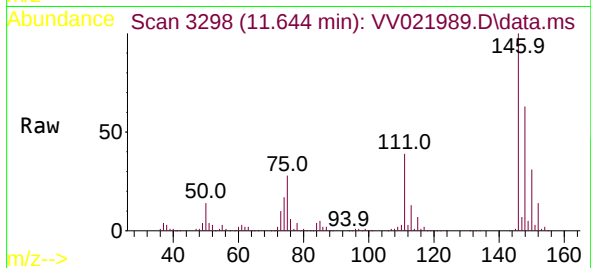




#67
1,2-Dichlorobenzene
Concen: 49.294 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

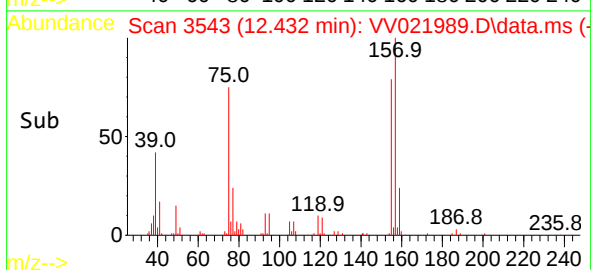
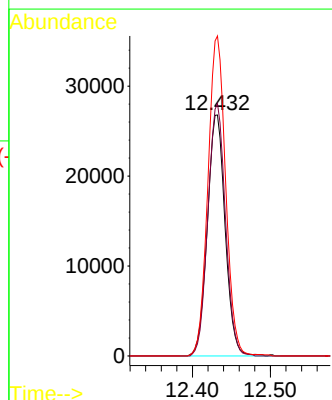
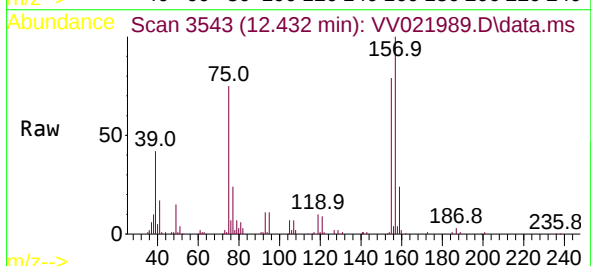
Instrument :
MSVOA_V
ClientSampled :

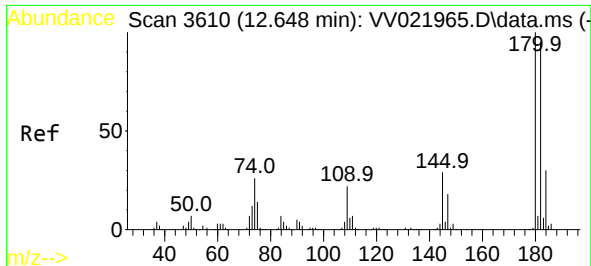
Tgt Ion:146 Resp: 299154
Ion Ratio Lower Upper
146 100
111 39.2 31.6 47.4
148 63.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 53.071 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion: 75 Resp: 42469
Ion Ratio Lower Upper
75 100
155 104.7 79.8 119.6
157 132.8 98.3 147.5

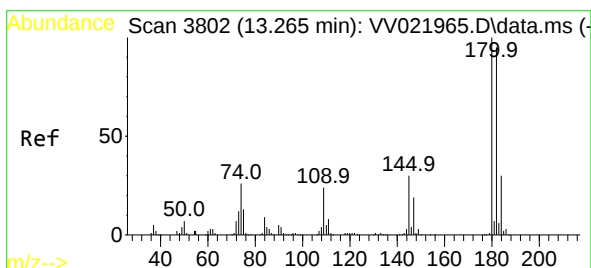
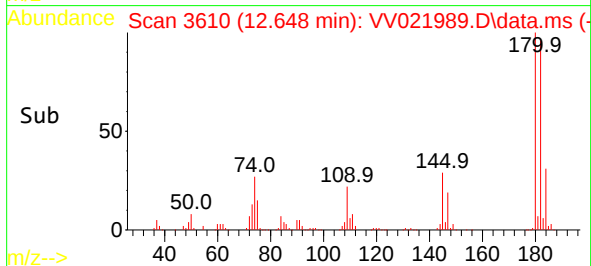
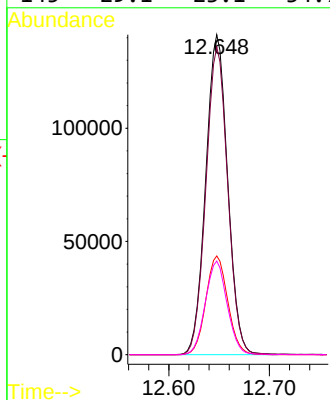
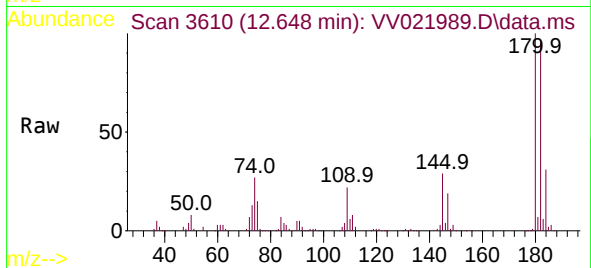




#69
1,3,5-Trichlorobenzene
Concen: 46.871 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

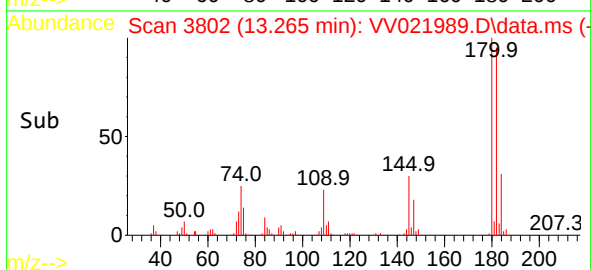
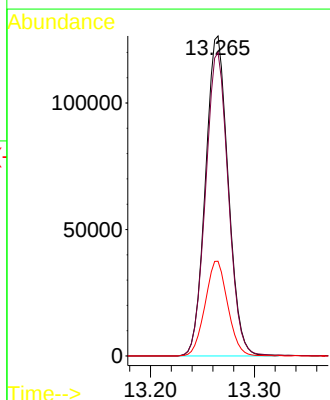
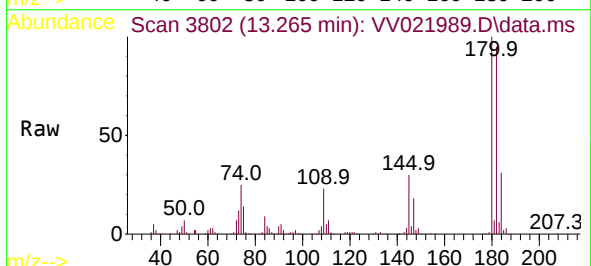
Instrument :
MSVOA_V
ClientSampleId :

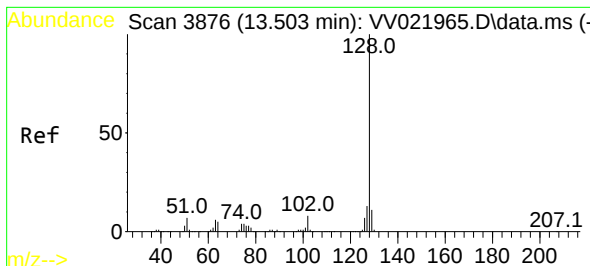
Tgt Ion:180 Resp: 214213
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
184 30.7 24.0 36.0
145 29.1 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 47.798 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:180 Resp: 192164
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 29.6 23.8 35.6

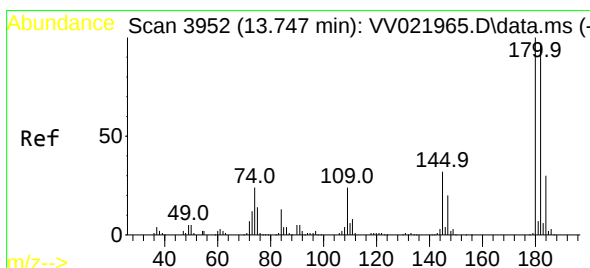
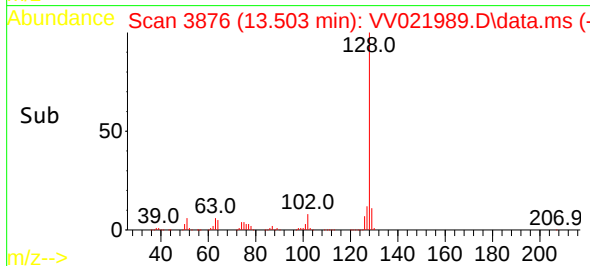
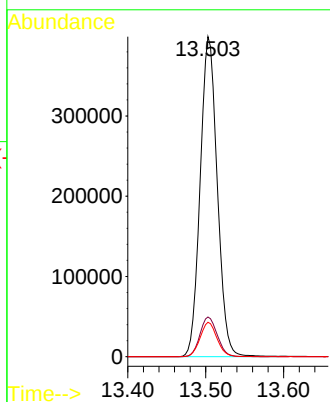
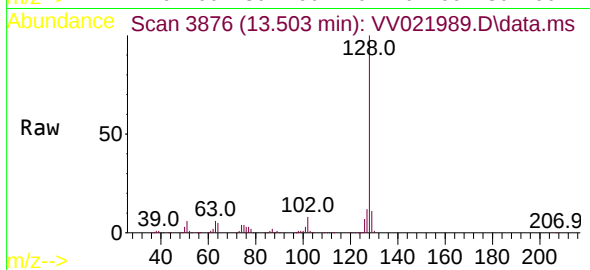




#71
Naphthalene
Concen: 52.546 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 607683
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.785 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021989.D
Acq: 27 Aug 2021 20:31

Tgt Ion:180 Resp: 195222
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 31.3 25.4 38.0

