

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021984.D
 Acq On : 27 Aug 2021 18:30
 Operator : SY/MD
 Sample : M3549-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:43:03 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	383691	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	364577	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	197306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117210	44.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.220%
7) Chloroethane-d5	1.564	69	94424	45.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.020%
11) 1,1-Dichloroethene-d2	2.108	63	205190	46.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.380%
21) 2-Butanone-d5	3.876	46	175049	96.060	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.060%
24) Chloroform-d	4.352	84	229445	47.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	5.034	65	133194	46.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
32) Benzene-d6	5.053	84	459322	46.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
36) 1,2-Dichloropropane-d6	6.072	67	144542	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	7.317	98	429330	45.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.980%
43) trans-1,3-Dichloroprop...	7.622	79	68307	46.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.300%
47) 2-Hexanone-d5	8.088	63	128060	107.322	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	210303	52.803	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.628	152	175269	45.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	121288	45.987	ug/L	99
3) Chloromethane	1.243	50	130470	46.717	ug/L	99
5) Vinyl chloride	1.310	62	133710	47.502	ug/L	100
6) Bromomethane	1.516	94	78982	46.670	ug/L	100
8) Chloroethane	1.580	64	82429	46.811	ug/L	95
9) Trichlorofluoromethane	1.751	101	191053	47.662	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	110636	47.057	ug/L	100
12) 1,1-Dichloroethene	2.117	96	106454	48.100	ug/L	87
13) Acetone	2.426	43	118090	77.342	ug/L	100
14) Carbon disulfide	2.291	76	319840	47.893	ug/L	100
15) Methyl Acetate	2.426	43	131049	44.074	ug/L	100
16) Methylene chloride	2.506	84	140397	47.348	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	129480	48.386	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	410113	48.228	ug/L	99
19) 1,1-Dichloroethane	3.191	63	229162	48.082	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	143605	48.216	ug/L	100
22) 2-Butanone	3.960	43	187956	87.575	ug/L	99
23) Bromochloromethane	4.249	128	75422	47.550	ug/L	97
25) Chloroform	4.378	83	237589	47.092	ug/L	98

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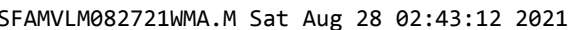
Instrument :
 MSVOA_V
 ClientSampleId :

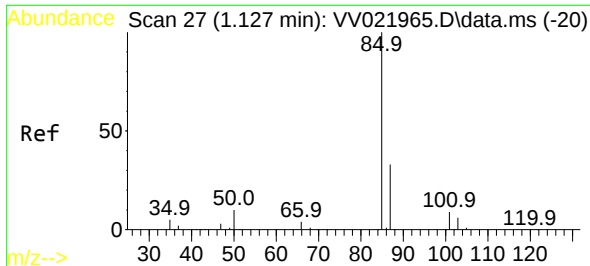
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	164853	48.745	ug/L	98
29) Cyclohexane	4.677	56	193585	47.500	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	208316	48.077	ug/L	99
31) Carbon tetrachloride	4.831	117	176424	47.391	ug/L	100
33) Benzene	5.101	78	511080	48.183	ug/L	100
34) Trichloroethene	5.915	95	133913	44.570	ug/L	98
35) Methylcyclohexane	6.133	83	213938	48.707	ug/L	95
37) 1,2-Dichloropropane	6.175	63	129885	47.239	ug/L	99
38) Bromodichloromethane	6.513	83	170416	48.466	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	195800	46.124	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	376776	101.078	ug/L	99
42) Toluene	7.391	91	558087	48.749	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	189978	48.084	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	136657	48.847	ug/L	99
46) Tetrachloroethene	7.979	164	108770	46.558	ug/L	97
48) 2-Hexanone	8.140	43	277656	96.002	ug/L	100
49) Dibromochloromethane	8.249	129	147565	49.277	ug/L	99
50) 1,2-Dibromoethane	8.355	107	148001	49.292	ug/L	96
51) Chlorobenzene	8.882	112	367057	47.688	ug/L	99
52) Ethylbenzene	9.014	91	595897	48.084	ug/L	99
53) m,p-Xylene	9.140	106	229561	47.658	ug/L	99
54) o-Xylene	9.545	106	230353	48.332	ug/L	99
55) Styrene	9.561	104	402219	49.452	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	225994	55.753	ug/L	100
59) Bromoform	9.734	173	105344	50.269	ug/L	100
60) Isopropylbenzene	9.934	105	603624	48.688	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	169504	49.569	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	504681	48.488	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	522463	49.385	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	298800	47.468	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	300926	46.719	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	299861	47.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42320	51.350	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	216335	45.962	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	197187	47.624	ug/L	99
71) Naphthalene	13.503	128	641774	53.883	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	197174	48.823	ug/L	99

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

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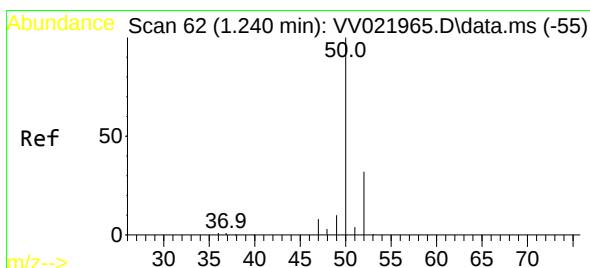
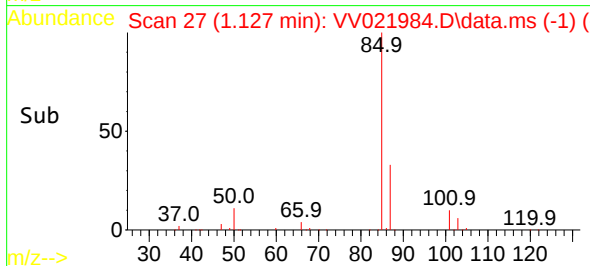
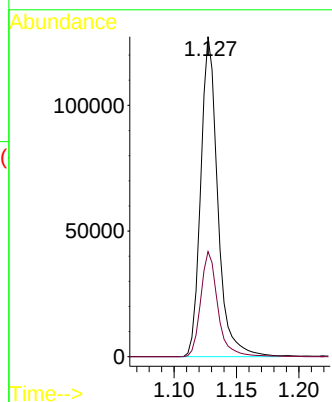
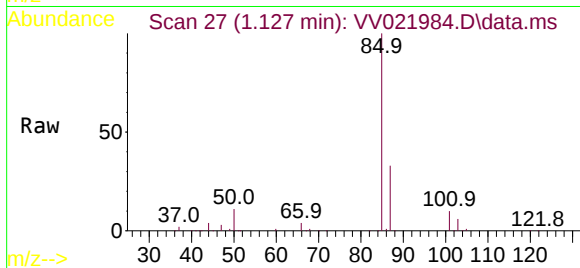




#2
 Dichlorodifluoromethane
 Concen: 45.987 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021984.D
 Acq: 27 Aug 2021 18:30

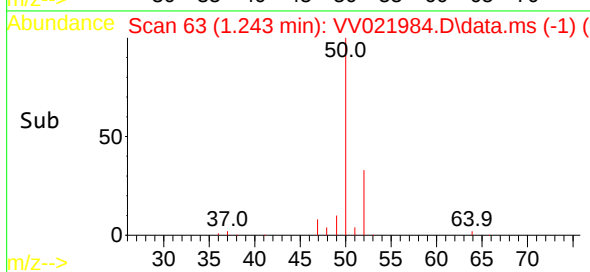
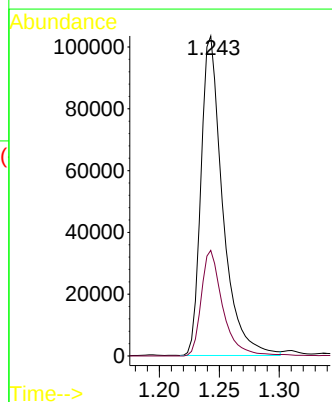
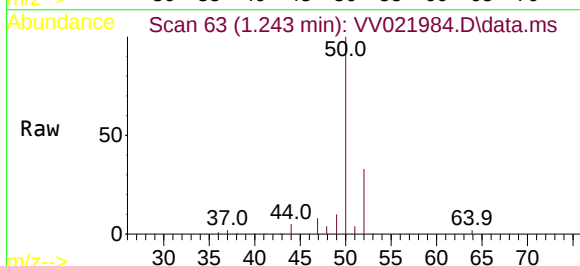
Instrument :
 MSVOA_V
 ClientSampled :

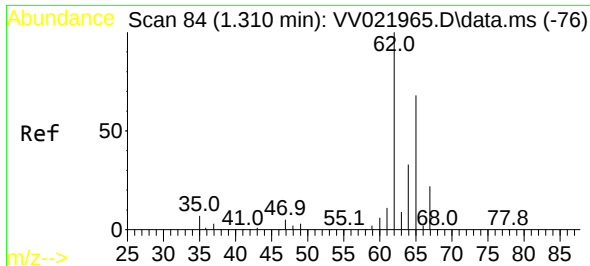
Tgt Ion: 85 Resp: 121288
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 46.717 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV021984.D
 Acq: 27 Aug 2021 18:30

Tgt Ion: 50 Resp: 130470
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9

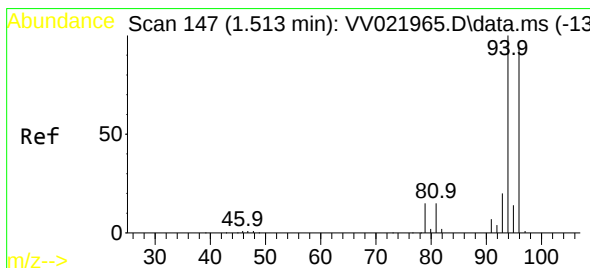
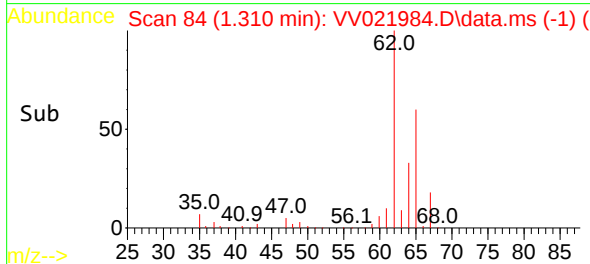
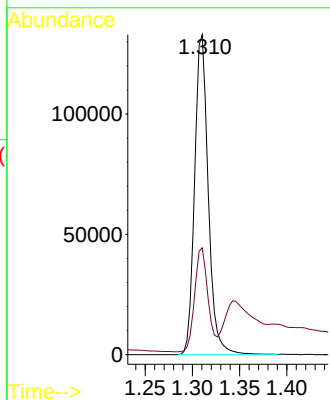
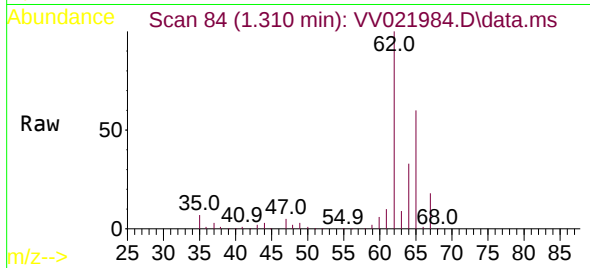




#5
 Vinyl chloride
 Concen: 47.502 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021984.D
 Acq: 27 Aug 2021 18:30

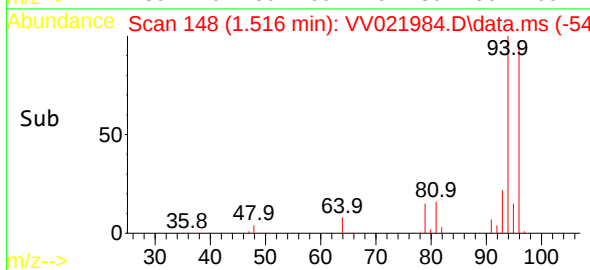
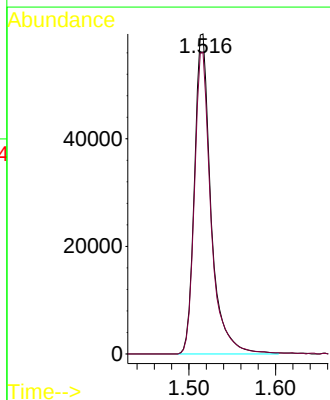
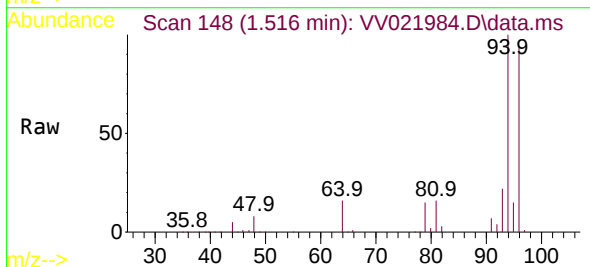
Instrument :
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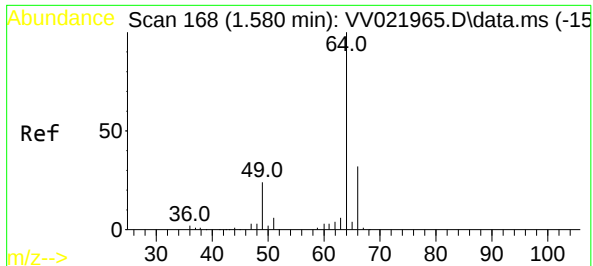
Tgt Ion: 62 Resp: 133710
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.6



#6
 Bromomethane
 Concen: 46.670 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV021984.D
 Acq: 27 Aug 2021 18:30

Tgt Ion: 94 Resp: 78982
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.8 122.2

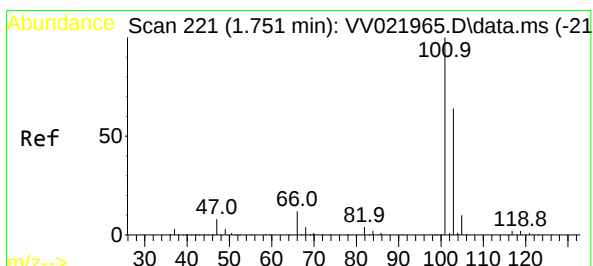
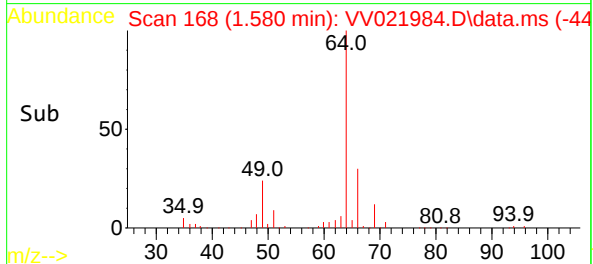
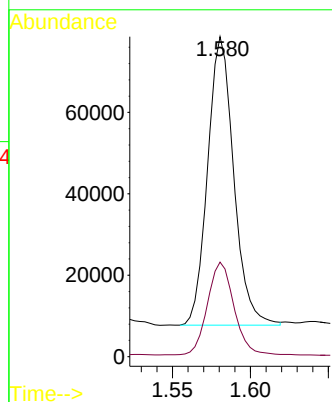
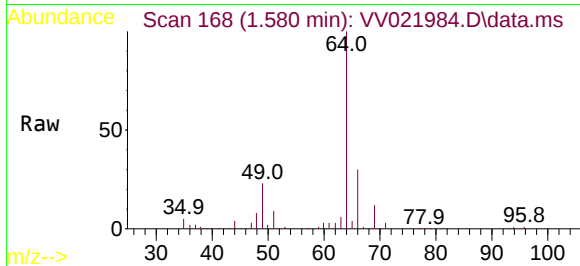




#8
Chloroethane
Concen: 46.811 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

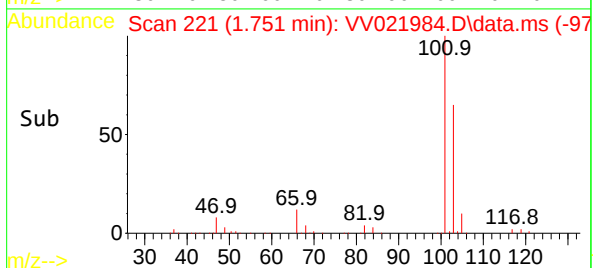
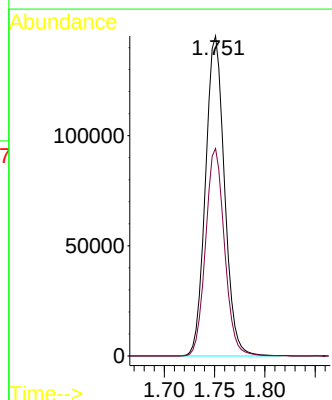
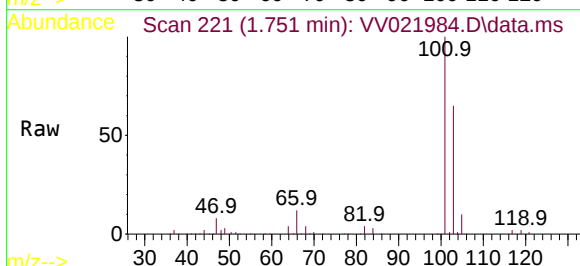
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ClientSampleId :

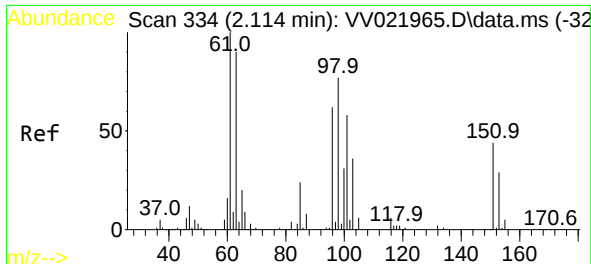
Tgt Ion: 64 Resp: 82429
Ion Ratio Lower Upper
64 100
66 29.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 47.662 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:101 Resp: 191053
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

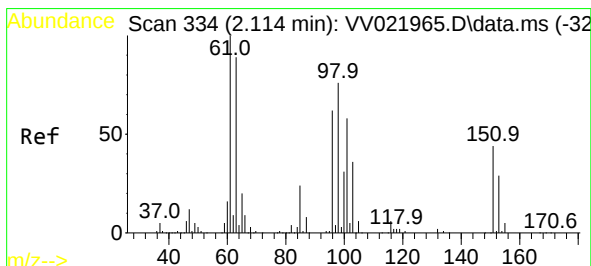
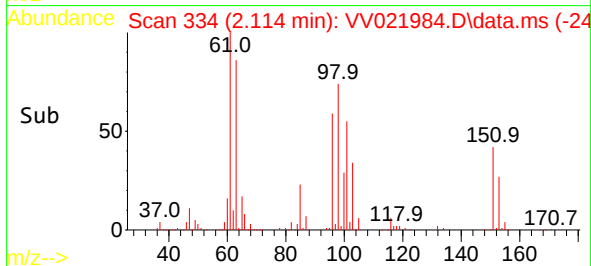
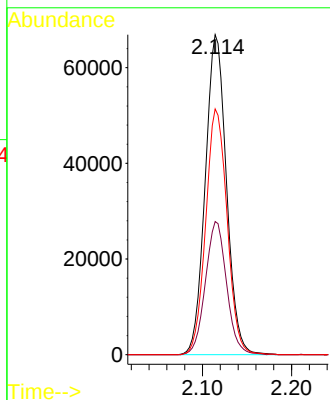
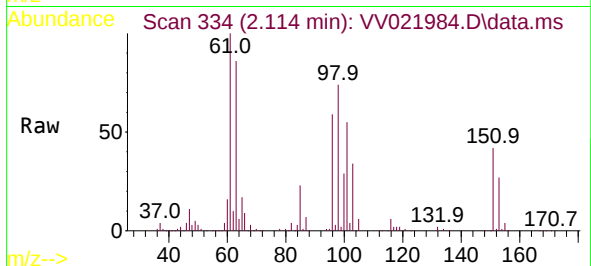




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.057 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

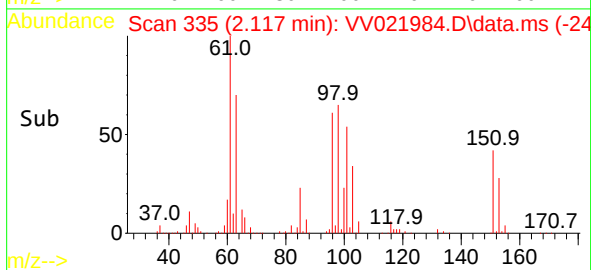
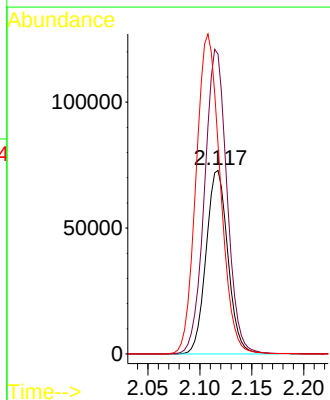
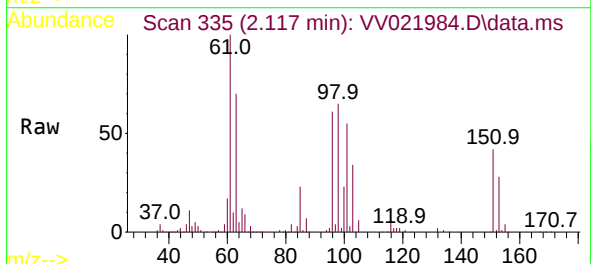
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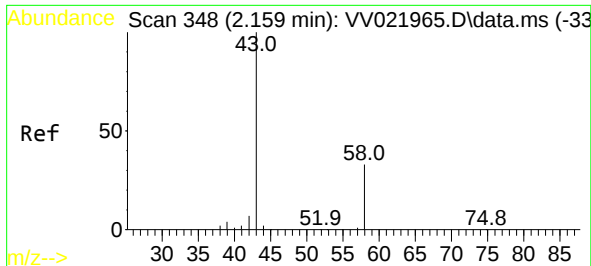
Tgt Ion:101 Resp: 110636
Ion Ratio Lower Upper
101 100
85 41.5 33.4 50.0
151 77.5 61.7 92.5



#12
1,1-Dichloroethene
Concen: 48.100 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 96 Resp: 106454
Ion Ratio Lower Upper
96 100
61 163.4 113.2 210.2
63 114.3 102.3 189.9

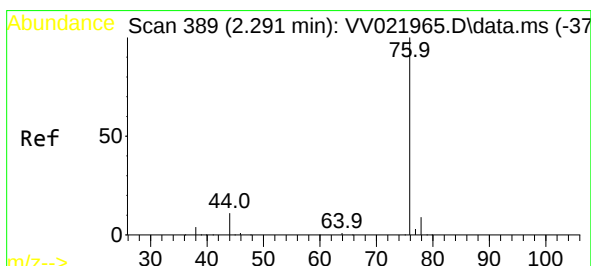
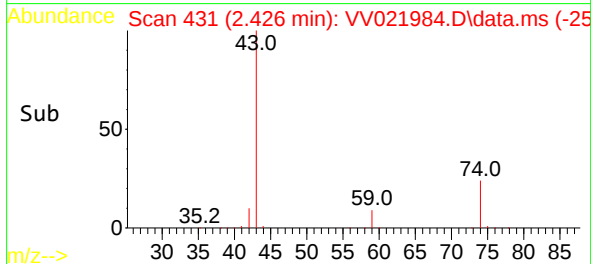
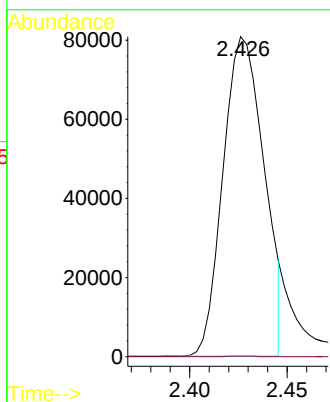
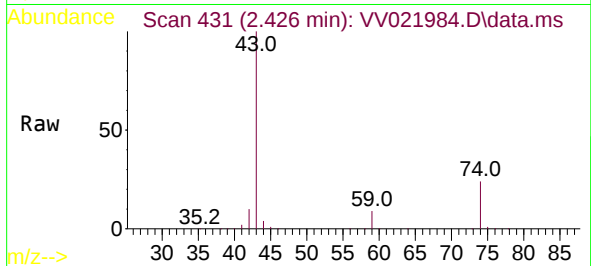




#13
Acetone
Concen: 77.342 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.267 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

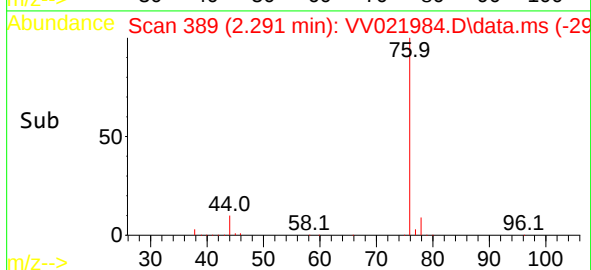
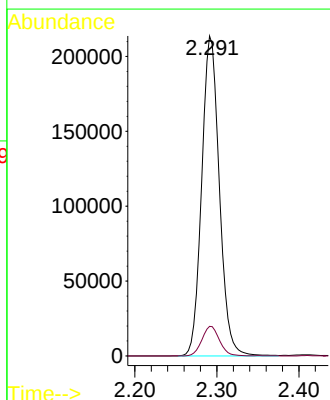
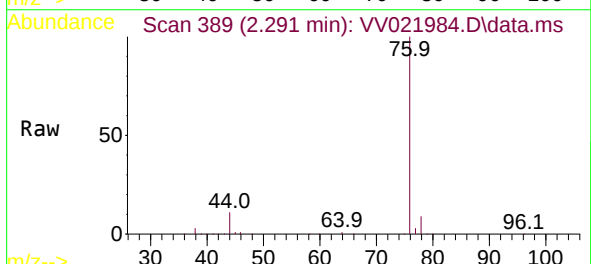
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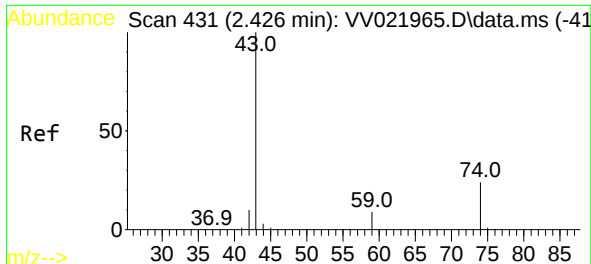
Tgt Ion: 43 Resp: 118090
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.4



#14
Carbon disulfide
Concen: 47.893 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 76 Resp: 319840
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

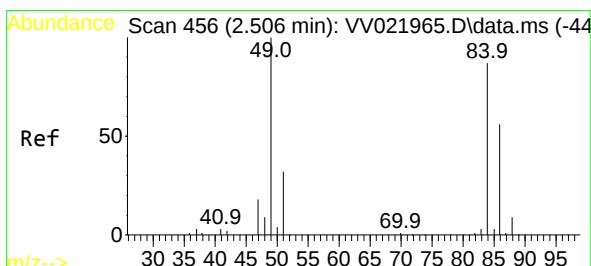
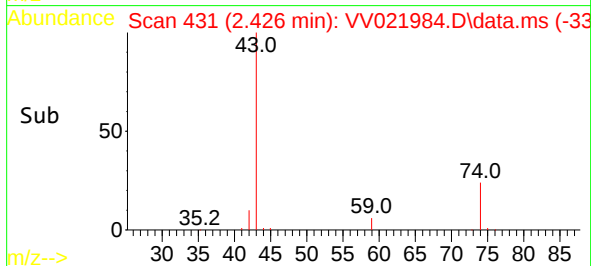
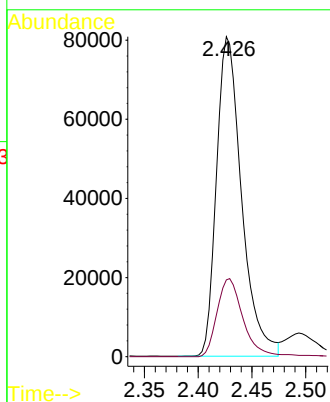
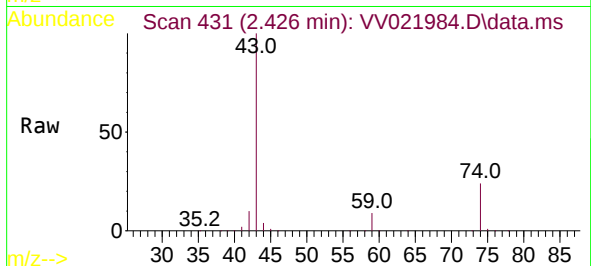




#15
Methyl Acetate
Concen: 44.074 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

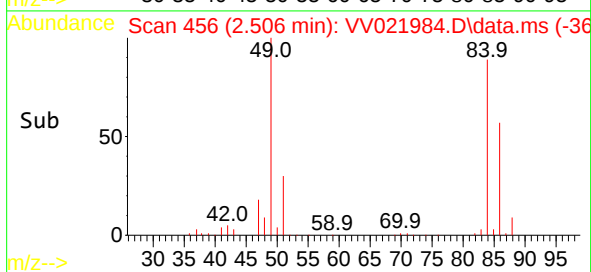
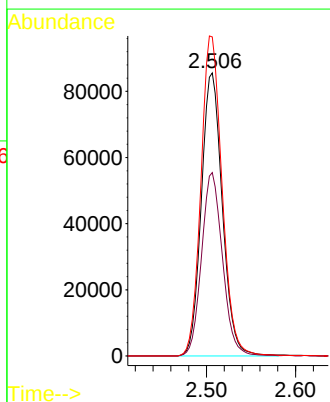
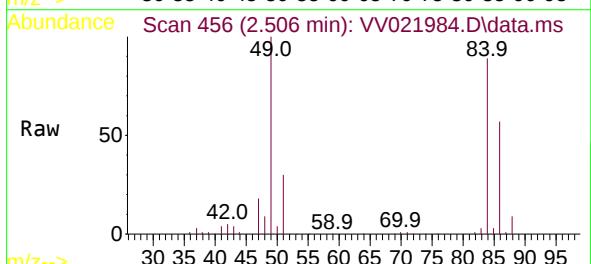
Instrument :
MSVOA_V
ClientSampled :

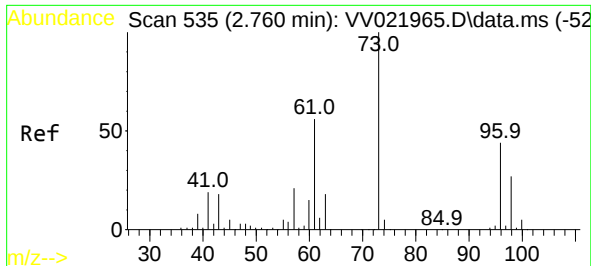
Tgt Ion: 43 Resp: 131049
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2



#16
Methylene chloride
Concen: 47.348 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 84 Resp: 140397
Ion Ratio Lower Upper
84 100
86 64.8 44.8 83.2
49 112.7 80.2 149.0

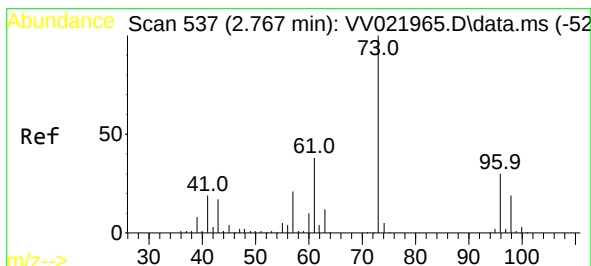
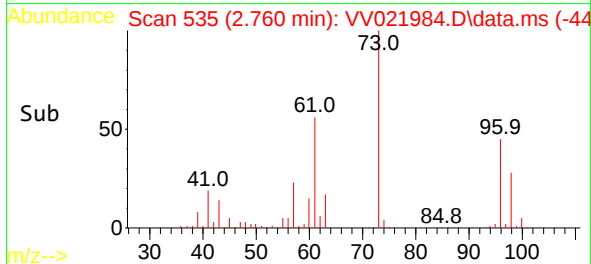
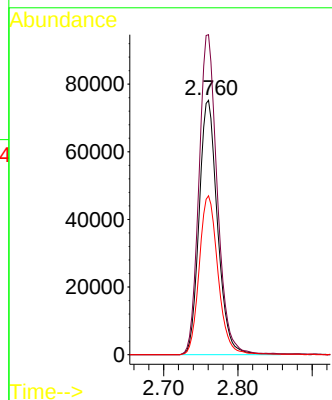
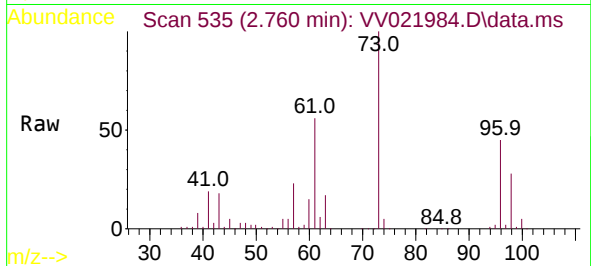




#17
trans-1,2-Dichloroethene
Concen: 48.386 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

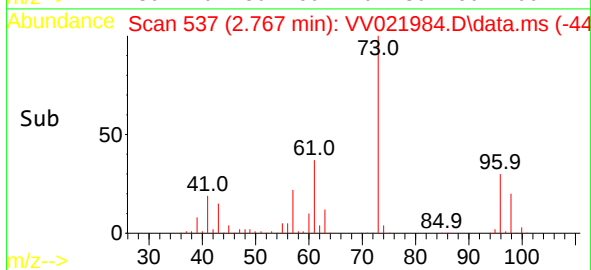
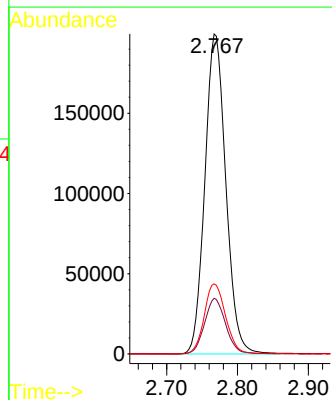
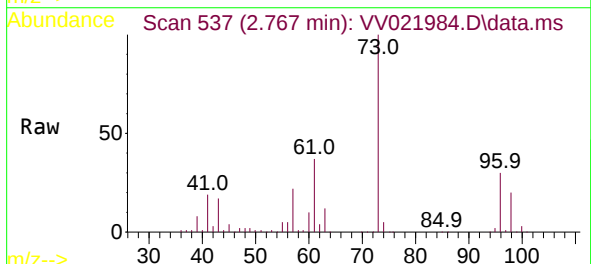
Instrument :
MSVOA_V
ClientSampled :

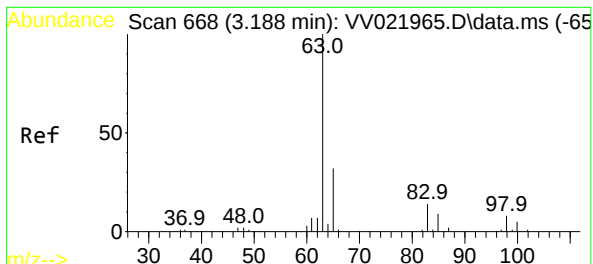
Tgt Ion: 96 Resp: 129480
Ion Ratio Lower Upper
96 100
61 125.8 89.1 165.5
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.228 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 73 Resp: 410113
Ion Ratio Lower Upper
73 100
43 17.3 13.8 20.6
57 22.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.082 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV021984.D

Acq: 27 Aug 2021 18:30

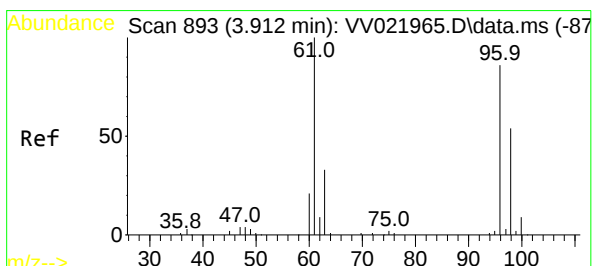
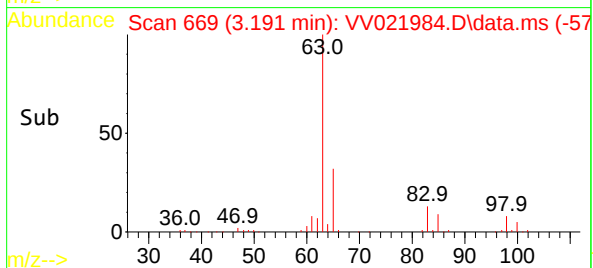
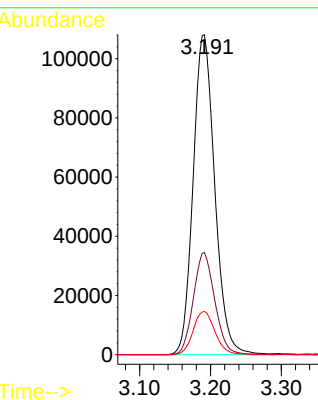
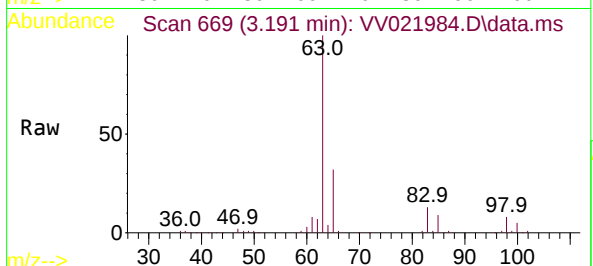
Tgt Ion: 63 Resp: 229162

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 48.216 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV021984.D

Acq: 27 Aug 2021 18:30

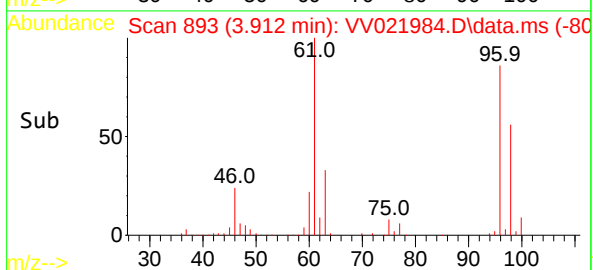
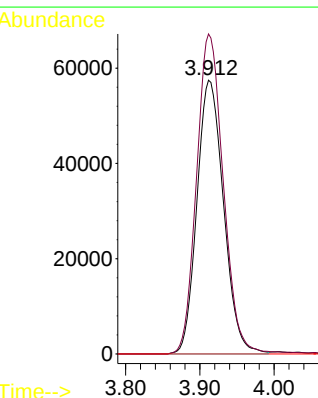
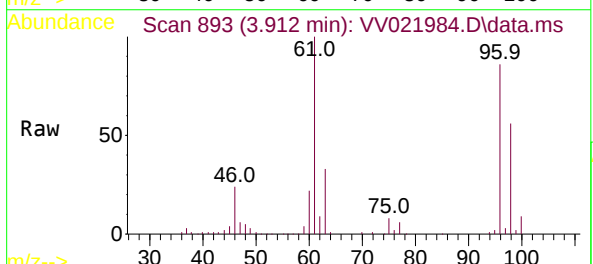
Tgt Ion: 96 Resp: 143605

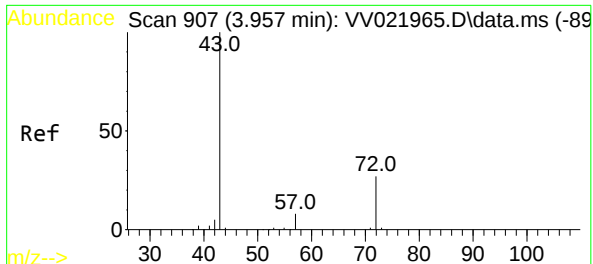
Ion Ratio Lower Upper

96 100

61 116.9 81.8 152.0

68 0.0 0.0 0.0

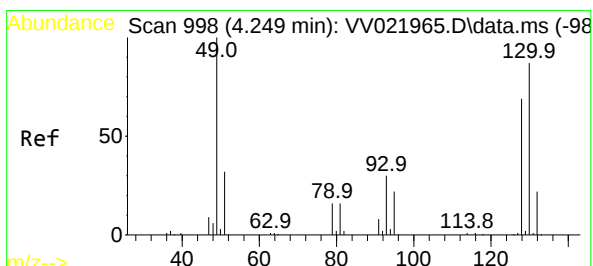
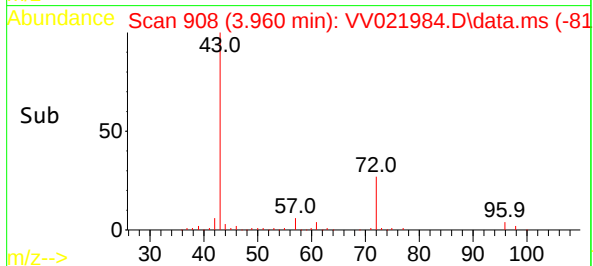
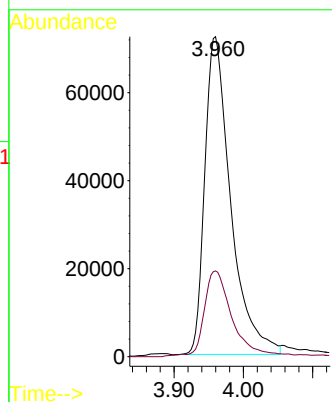
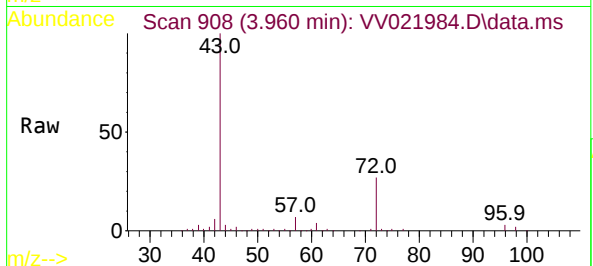




#22
2-Butanone
Concen: 87.575 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.003 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

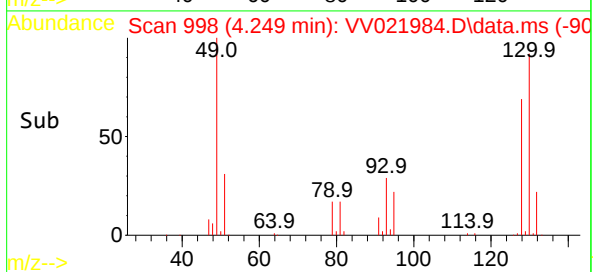
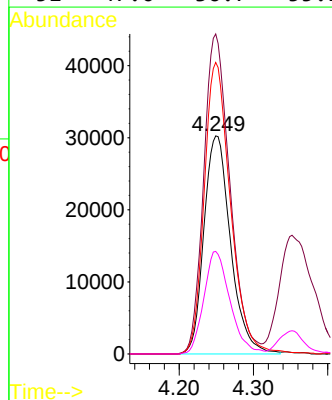
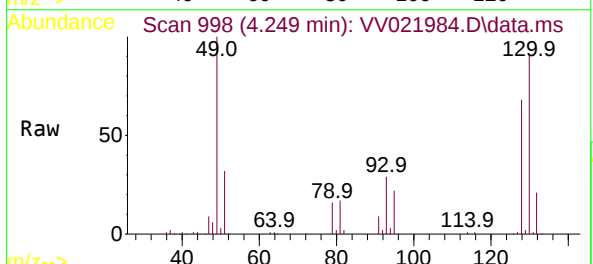
Instrument :
MSVOA_V
ClientSampled :

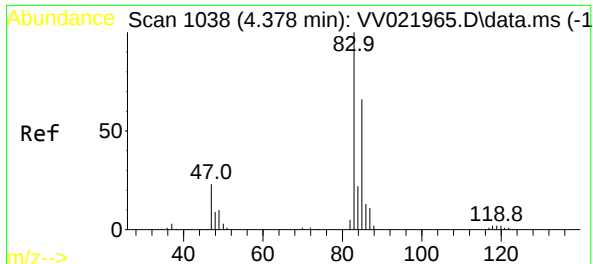
Tgt Ion: 43 Resp: 187956
Ion Ratio Lower Upper
43 100
72 27.1 13.3 39.8



#23
Bromochloromethane
Concen: 47.550 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:128 Resp: 75422
Ion Ratio Lower Upper
128 100
49 146.7 101.6 188.8
130 133.7 88.5 164.3
51 47.0 36.7 55.1





#25

Chloroform

Concen: 47.092 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV021984.D

Acq: 27 Aug 2021 18:30

Tgt Ion: 83 Resp: 237589

Ion Ratio Lower Upper

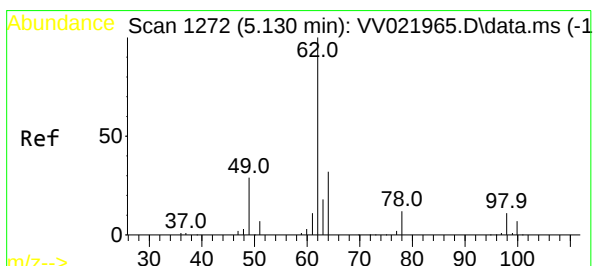
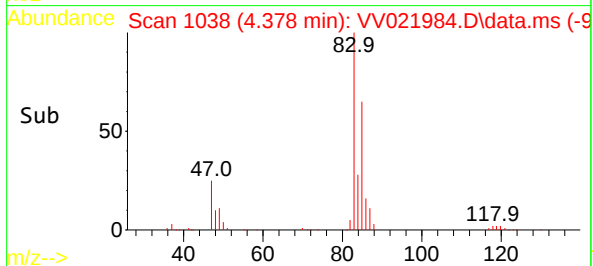
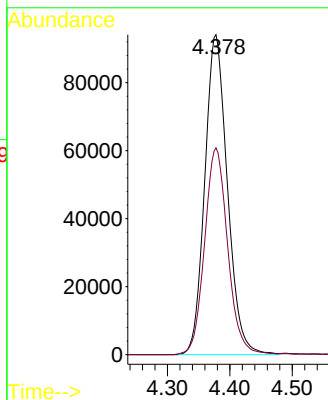
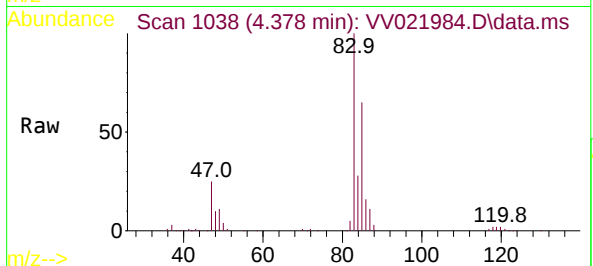
83 100

85 64.7 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 48.745 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV021984.D

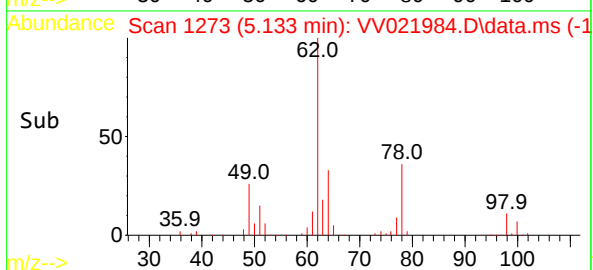
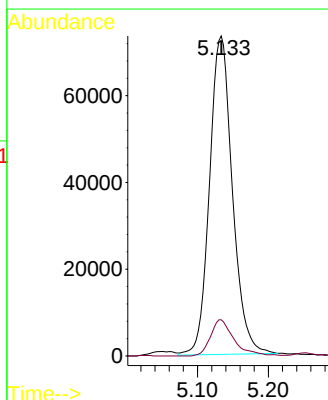
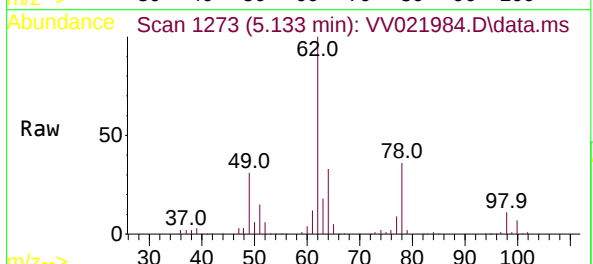
Acq: 27 Aug 2021 18:30

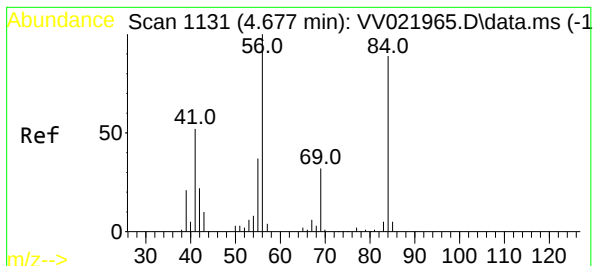
Tgt Ion: 62 Resp: 164853

Ion Ratio Lower Upper

62 100

98 11.3 8.5 12.7



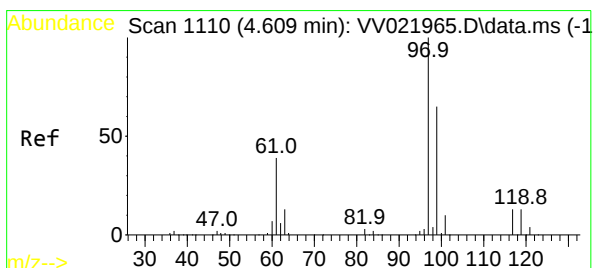
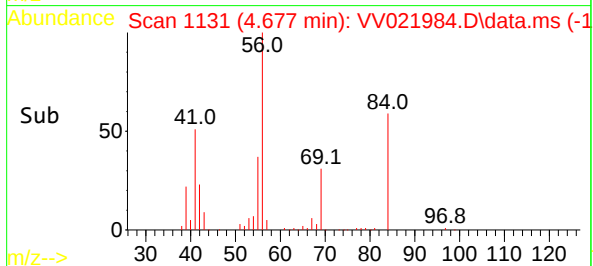
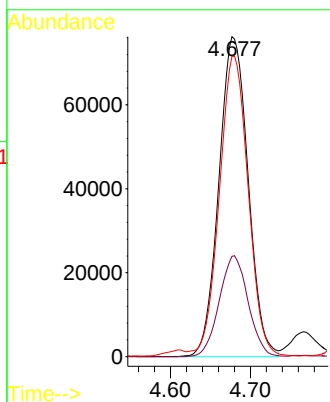
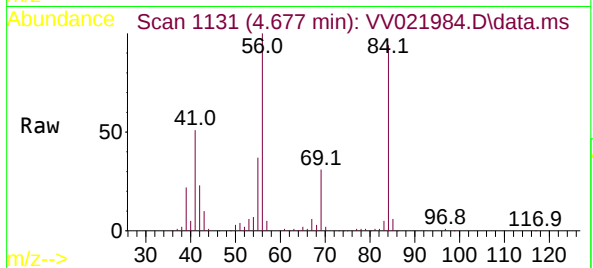


#29
Cyclohexane
Concen: 47.500 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 193585

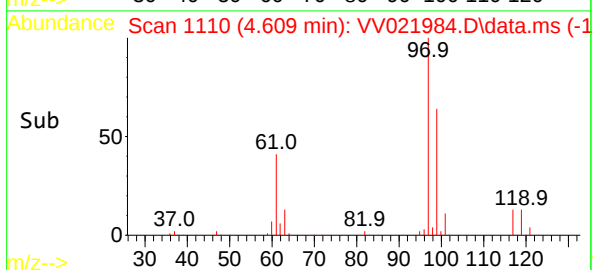
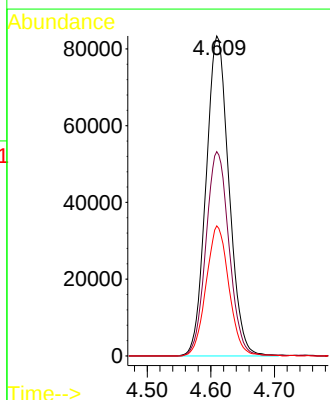
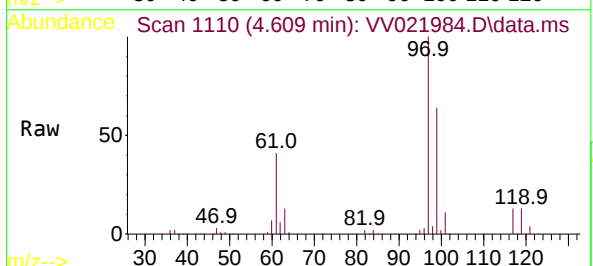
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.2	37.8
84	92.1	74.6	111.8

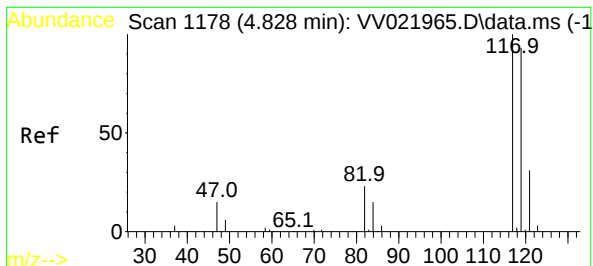


#30
1,1,1-Trichloroethane
Concen: 48.077 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 97 Resp: 208316

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	40.6	31.8	47.8

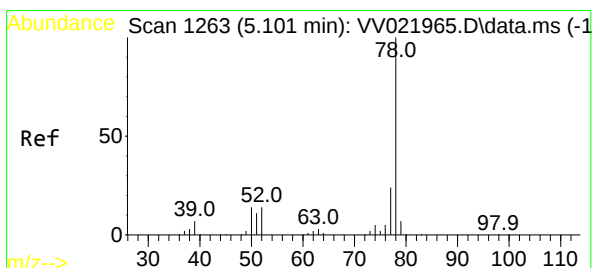
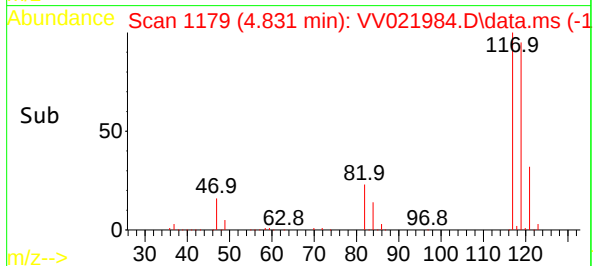
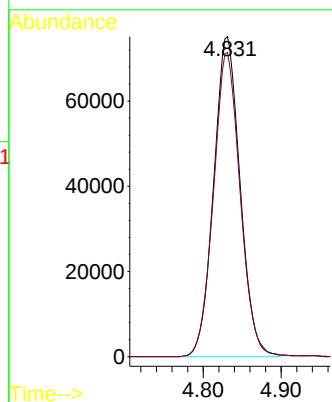
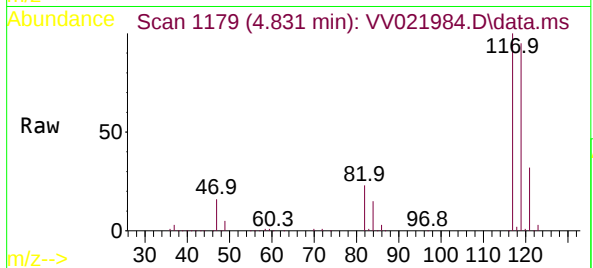




#31
Carbon tetrachloride
Concen: 47.391 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

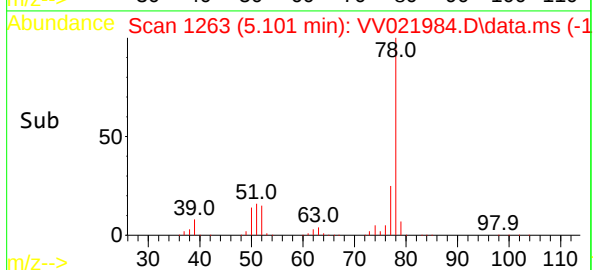
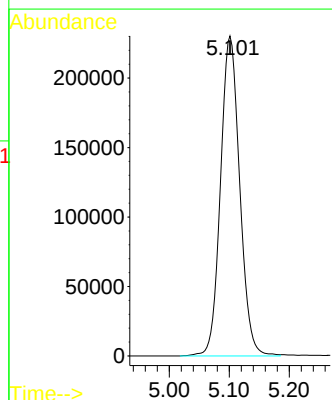
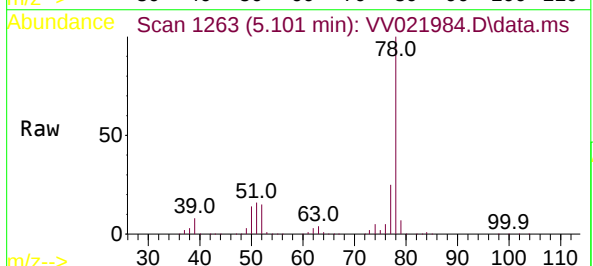
Instrument :
MSVOA_V
ClientSampleId :

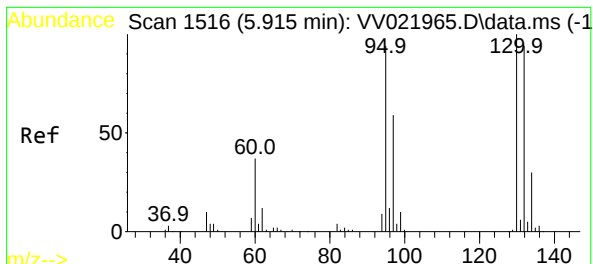
Tgt Ion:117 Resp: 176424
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 48.183 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 78 Resp: 511080

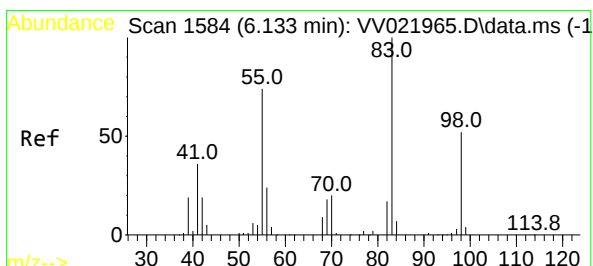
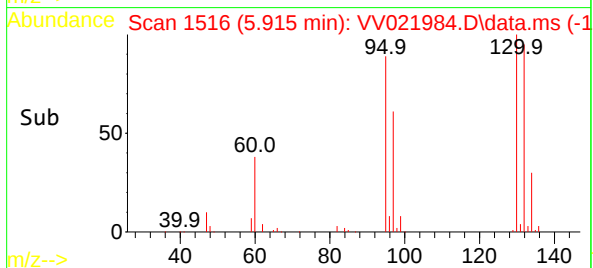
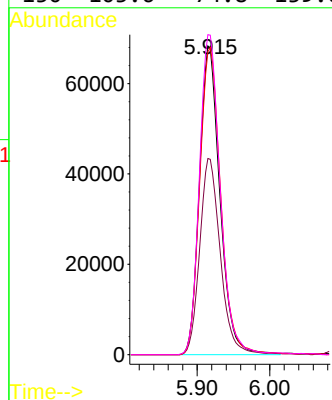
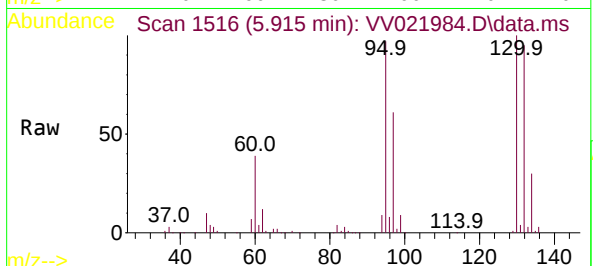




#34
Trichloroethene
Concen: 44.570 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

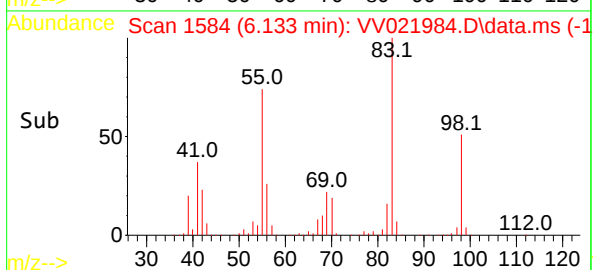
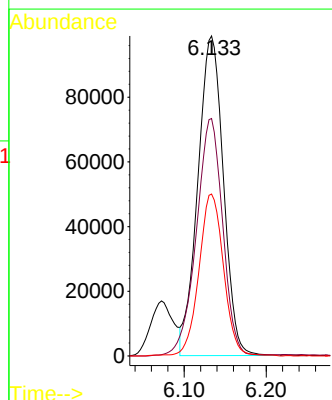
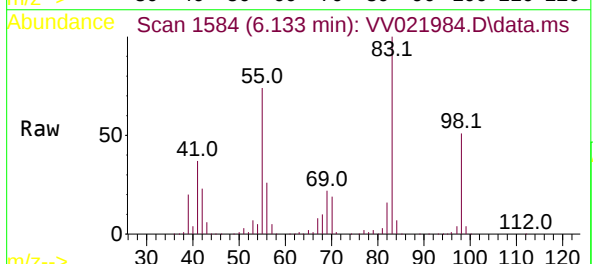
Instrument :
MSVOA_V
ClientSampled :

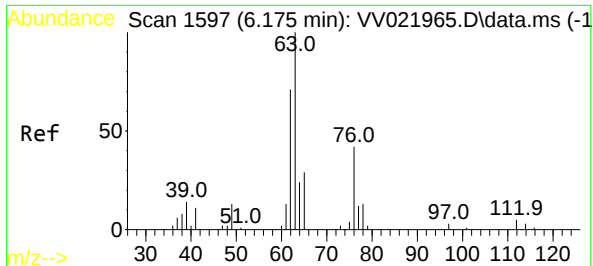
Tgt Ion: 95 Resp: 133913
Ion Ratio Lower Upper
95 100
97 63.5 44.1 81.9
132 98.1 70.7 131.3
130 103.6 74.8 139.0



#35
Methylcyclohexane
Concen: 48.707 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 83 Resp: 213938
Ion Ratio Lower Upper
83 100
55 76.6 56.8 85.2
98 48.7 39.9 59.9

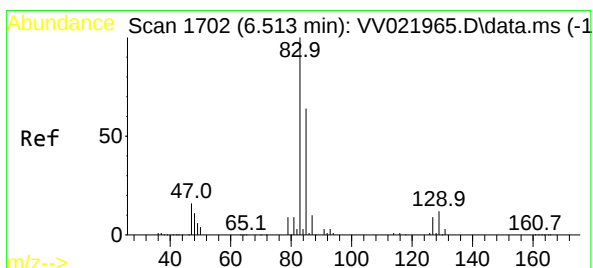
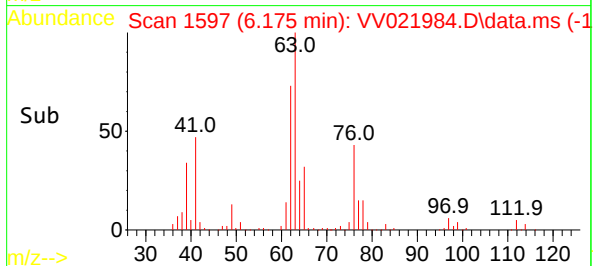
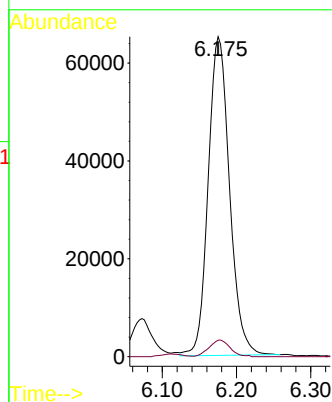
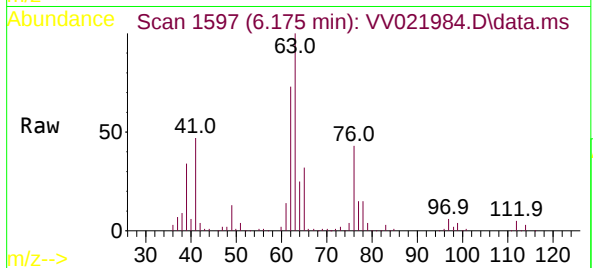




#37
1,2-Dichloropropane
Concen: 47.239 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

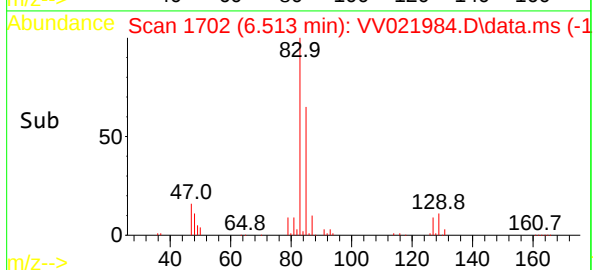
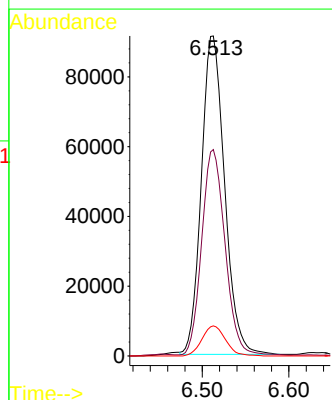
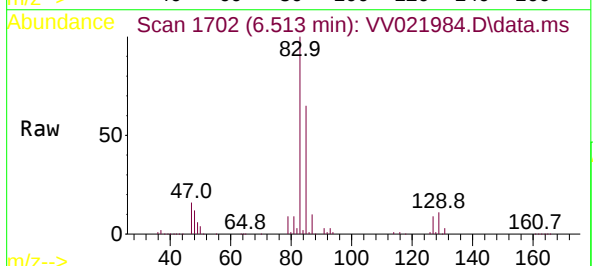
Instrument :
MSVOA_V
ClientSampled :

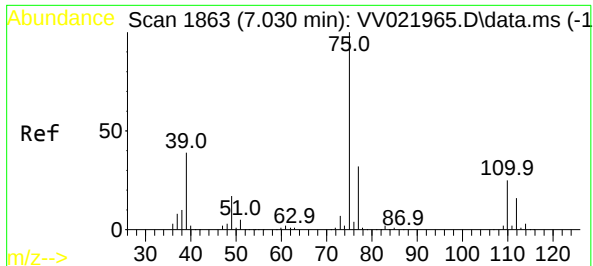
Tgt Ion: 63 Resp: 129885
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6



#38
Bromodichloromethane
Concen: 48.466 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 83 Resp: 170416
Ion Ratio Lower Upper
83 100
85 64.5 44.8 83.2
127 9.4 7.3 10.9



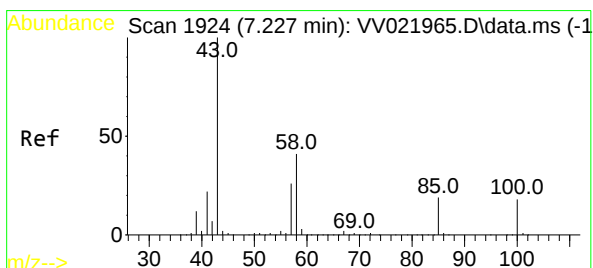
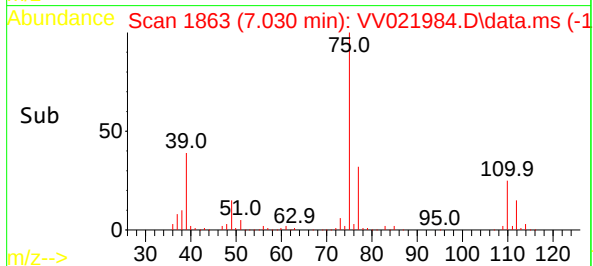
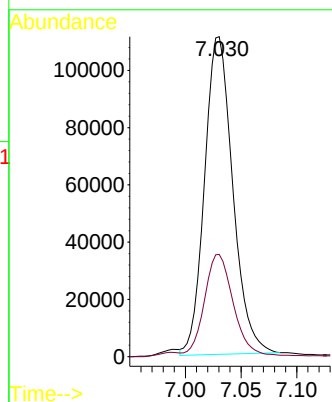
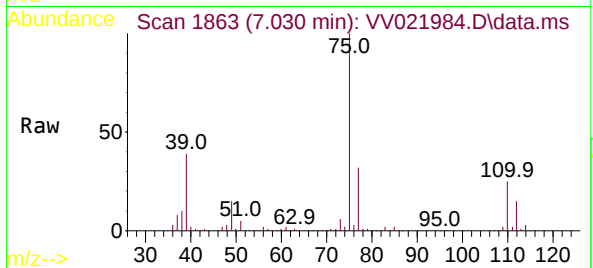


#39

cis-1,3-Dichloropropene
Concen: 46.124 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Instrument :
MSVOA_V
ClientSampled :

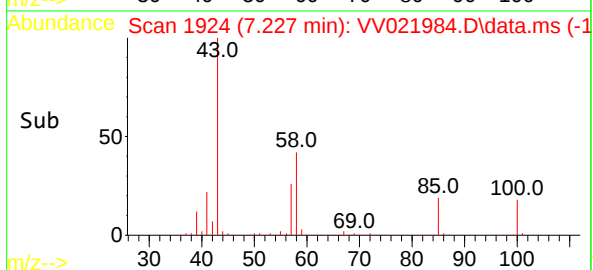
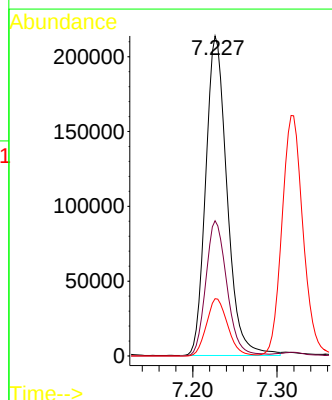
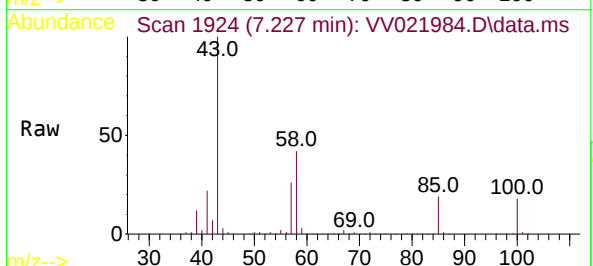
Tgt Ion: 75 Resp: 195800
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.1

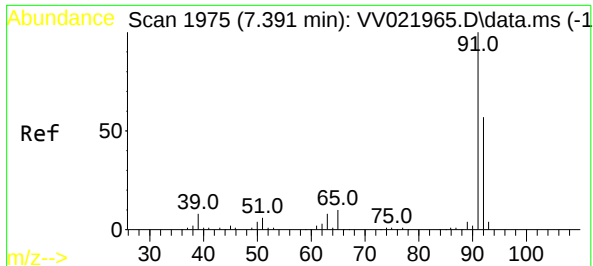


#40

4-Methyl-2-pentanone
Concen: 101.078 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 43 Resp: 376776
Ion Ratio Lower Upper
43 100
58 42.0 33.3 49.9
100 17.8 14.5 21.7





#42

Toluene

Concen: 48.749 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV021984.D

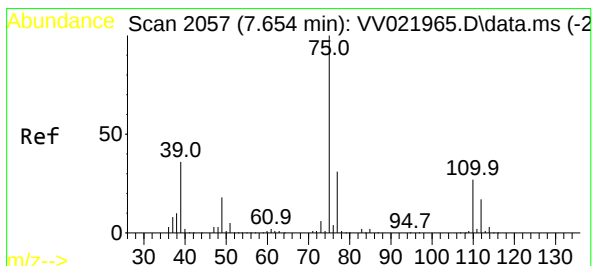
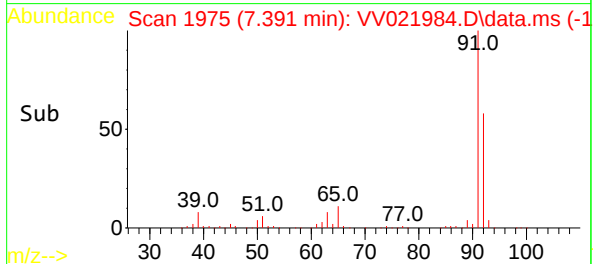
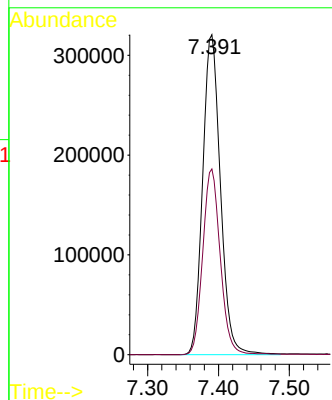
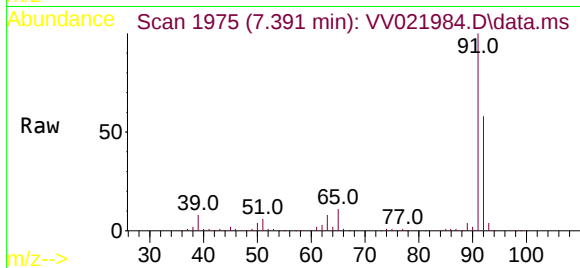
Acq: 27 Aug 2021 18:30

Tgt Ion: 91 Resp: 558087

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.084 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV021984.D

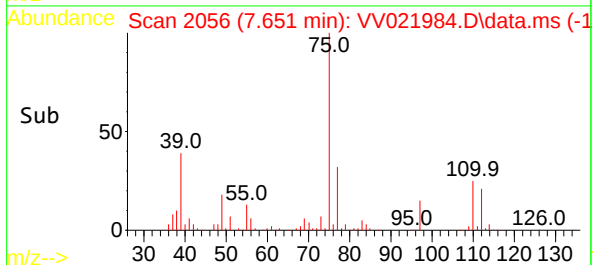
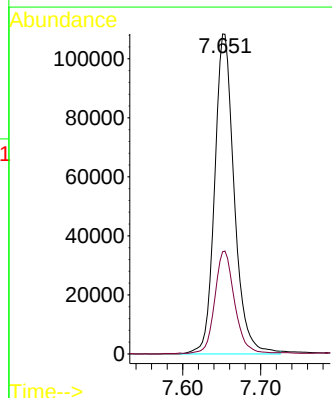
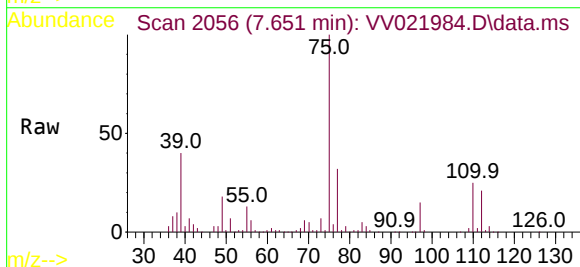
Acq: 27 Aug 2021 18:30

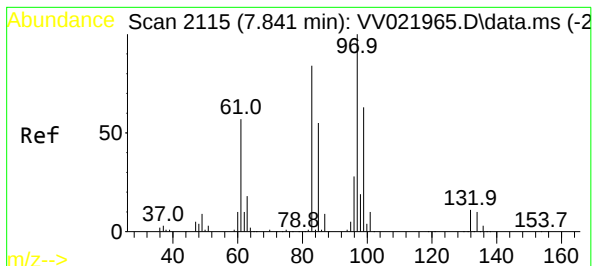
Tgt Ion: 75 Resp: 189978

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



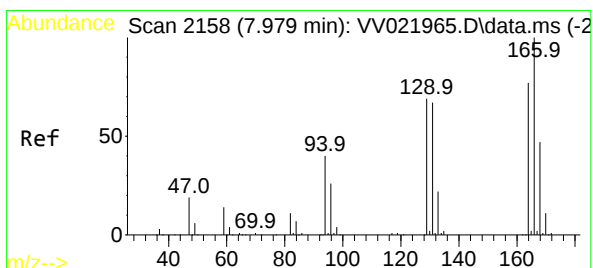
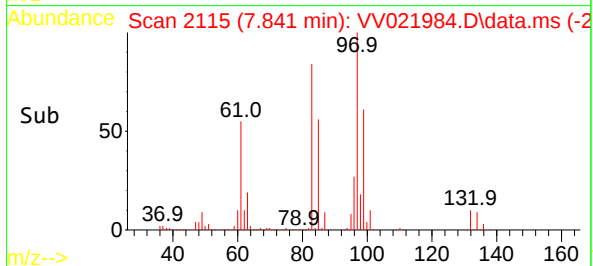
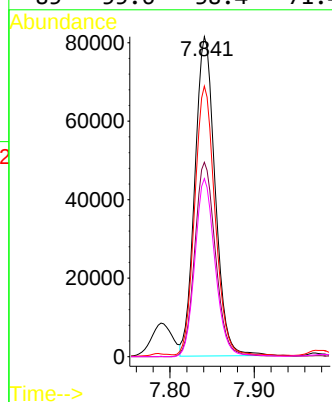
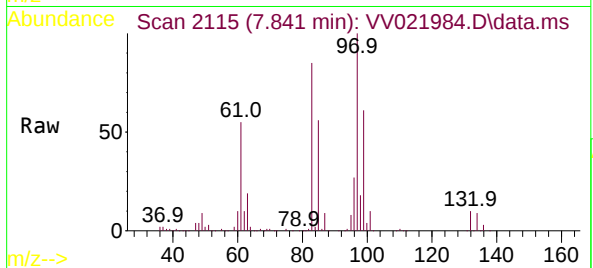


#45
1,1,2-Trichloroethane
Concen: 48.847 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 136657

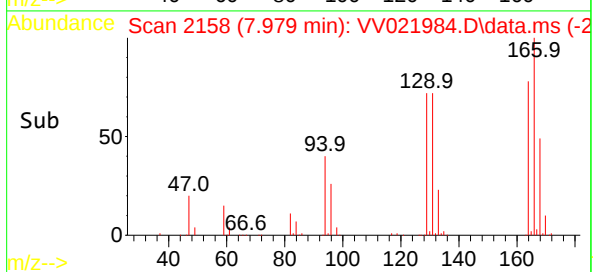
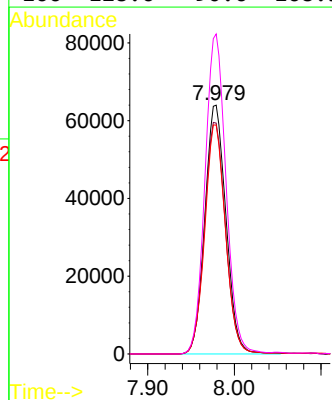
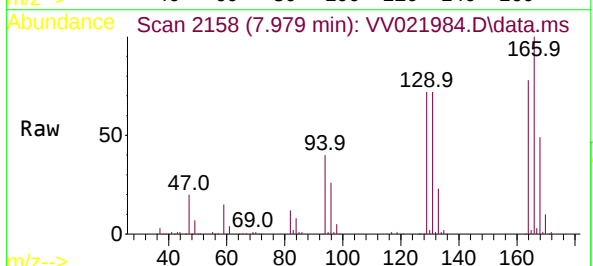
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.4
83	84.6	58.8	109.2
85	55.6	38.4	71.4

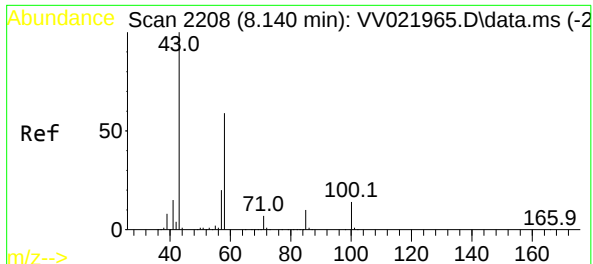


#46
Tetrachloroethene
Concen: 46.558 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 164 Resp: 108770

Ion	Ratio	Lower	Upper
164	100		
129	92.8	62.9	116.9
131	92.0	61.0	113.4
166	128.6	90.6	168.3



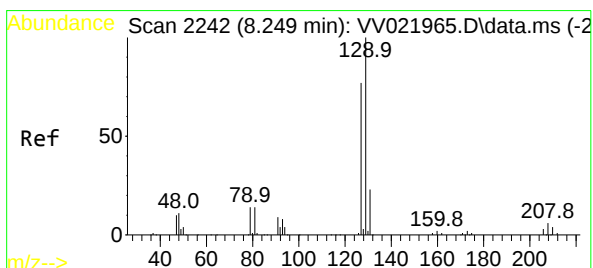
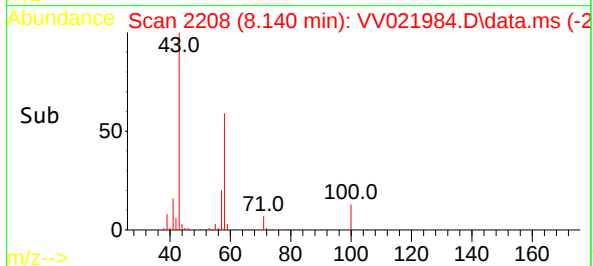
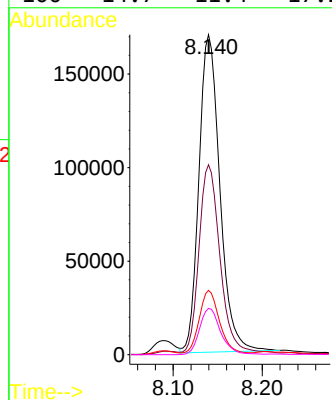
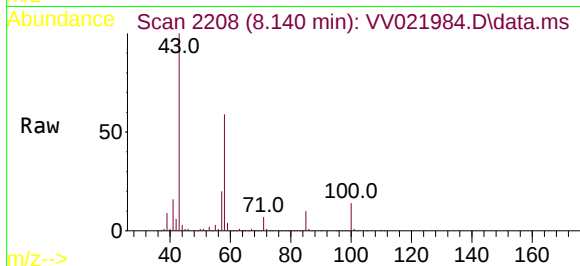


#48
2-Hexanone
Concen: 96.002 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 277656

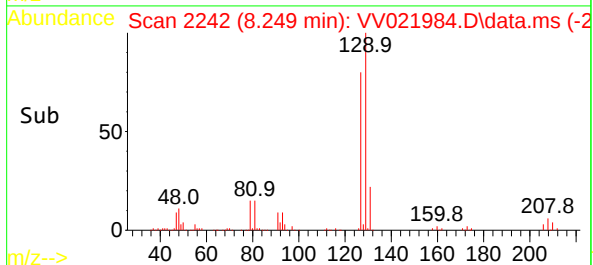
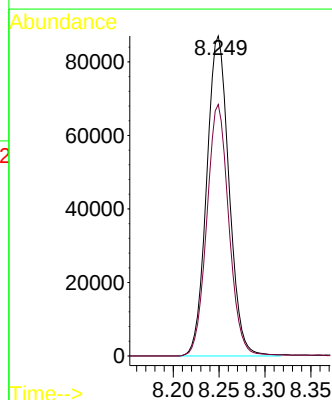
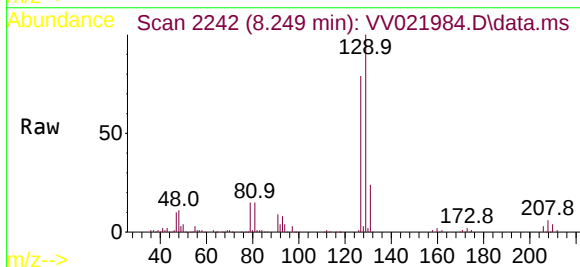
Ion	Ratio	Lower	Upper
43	100		
58	59.7	47.5	71.3
57	19.8	15.9	23.9
100	14.7	11.4	17.2

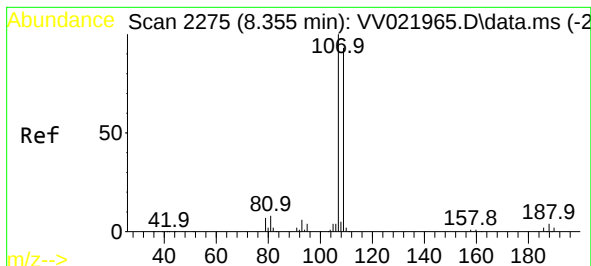


#49
Dibromochloromethane
Concen: 49.277 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 129 Resp: 147565

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.1	100.5

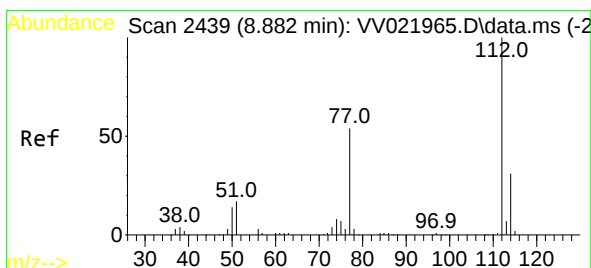
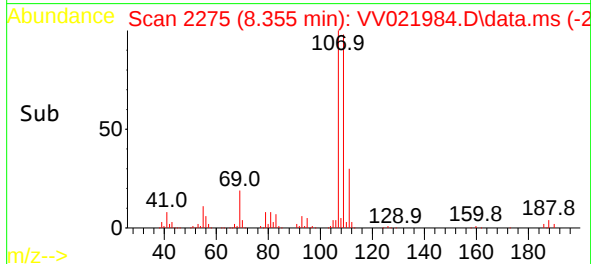
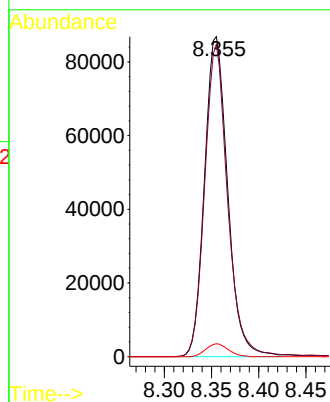
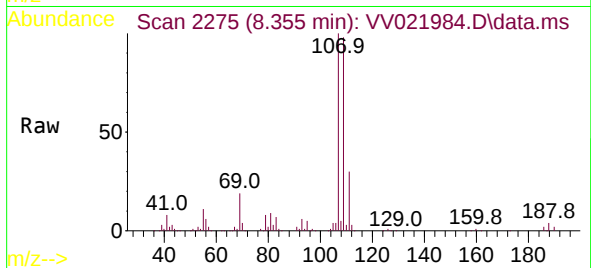




#50
1,2-Dibromoethane
Concen: 49.292 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

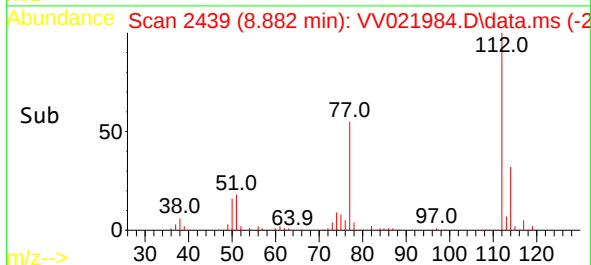
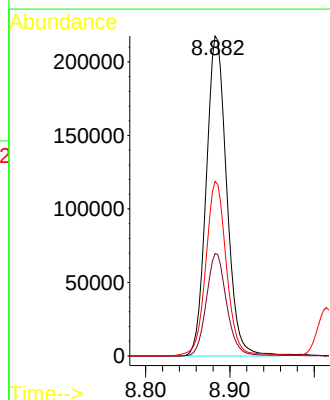
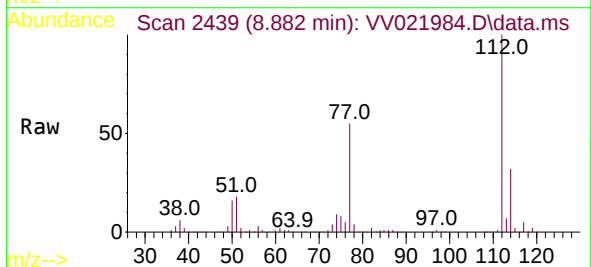
Instrument :
MSVOA_V
ClientSampled :

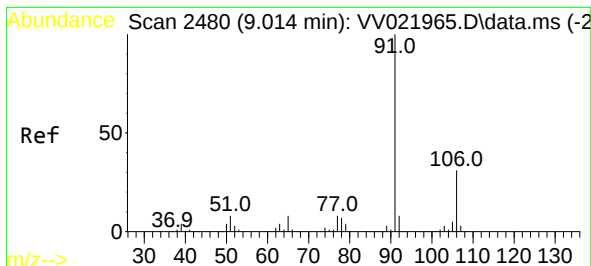
Tgt Ion:107 Resp: 148001
Ion Ratio Lower Upper
107 100
109 97.6 65.5 121.6
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 47.688 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:112 Resp: 367057
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 54.6 43.2 64.8

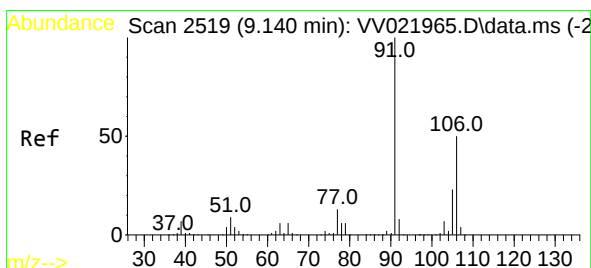
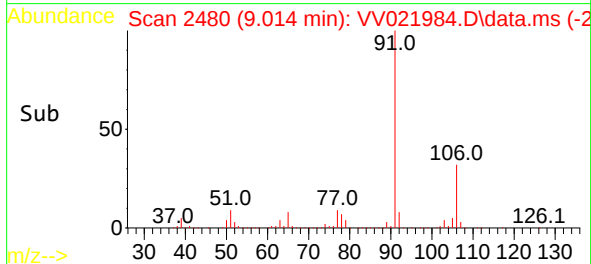
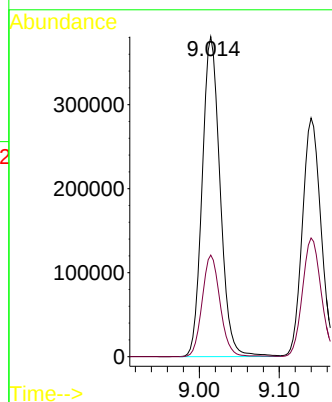
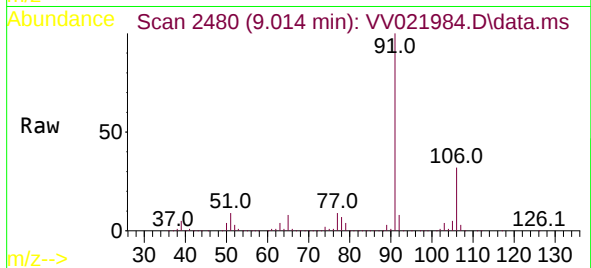




#52
Ethylbenzene
Concen: 48.084 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

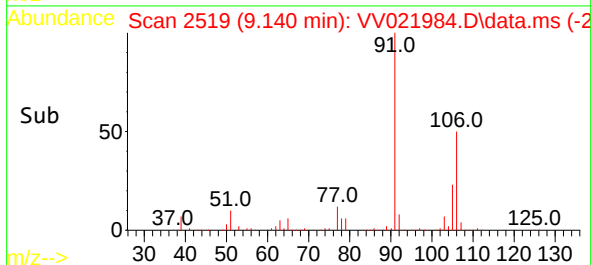
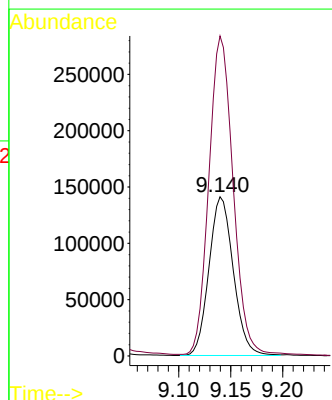
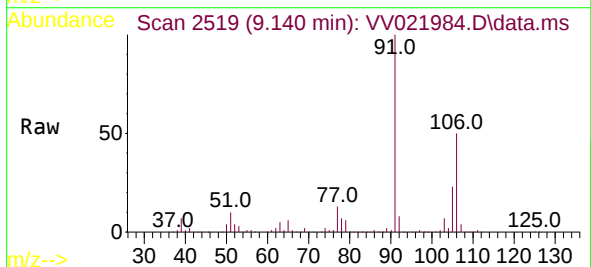
Instrument :
MSVOA_V
ClientSampled :

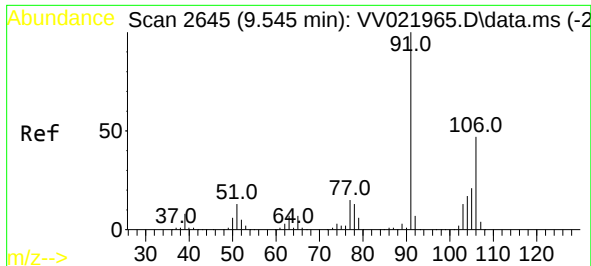
Tgt Ion: 91 Resp: 595897
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 47.658 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 106 Resp: 229561
Ion Ratio Lower Upper
106 100
91 200.9 139.1 258.3

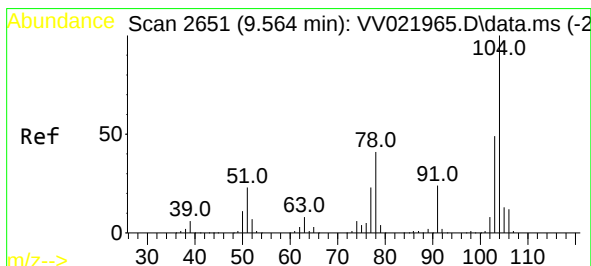
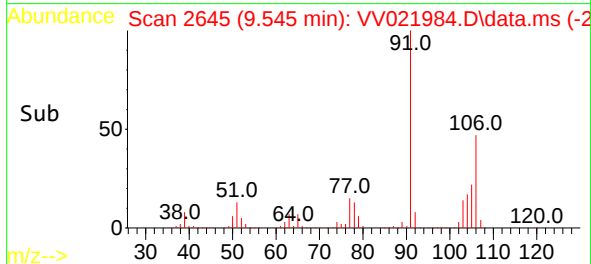
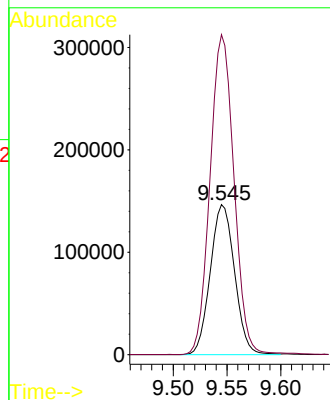
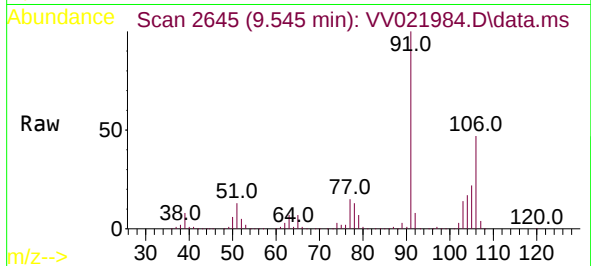




#54
o-Xylene
Concen: 48.332 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

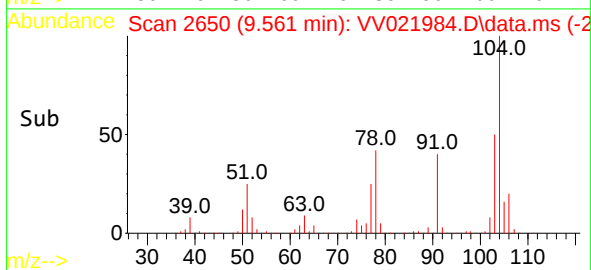
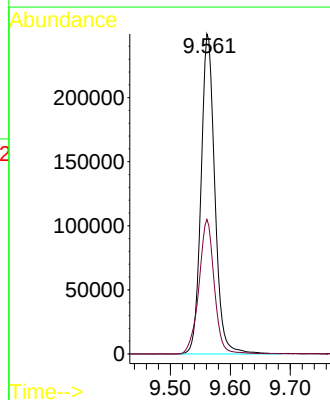
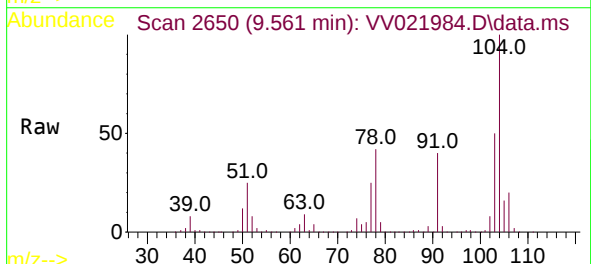
Instrument :
MSVOA_V
ClientSampleId :

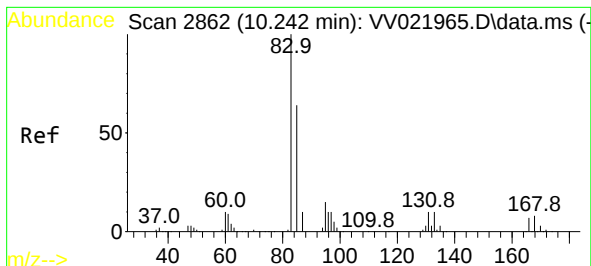
Tgt Ion:106 Resp: 230353
Ion Ratio Lower Upper
106 100
91 213.3 150.1 278.9



#55
Styrene
Concen: 49.452 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:104 Resp: 402219
Ion Ratio Lower Upper
104 100
78 42.1 28.6 53.2

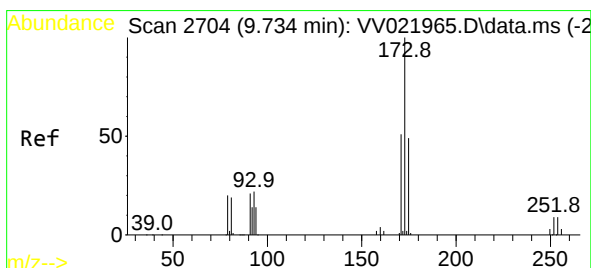
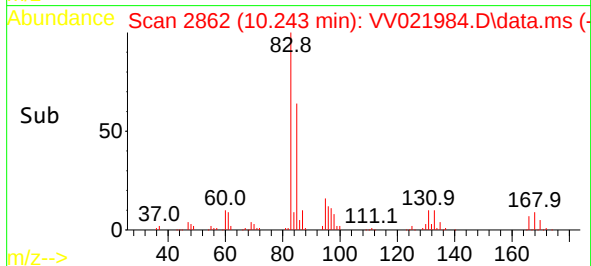
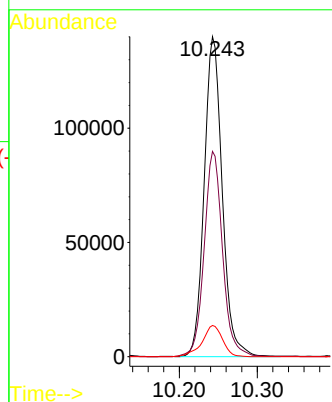
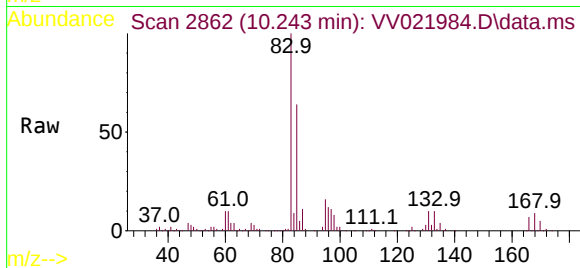




#57
1,1,2,2-Tetrachloroethane
Concen: 55.753 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

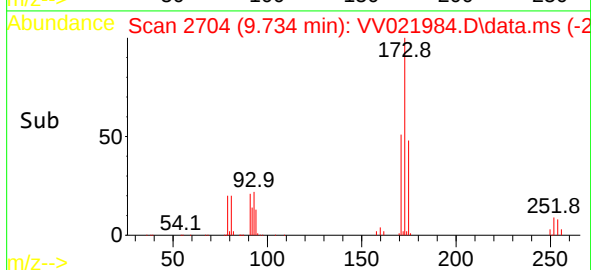
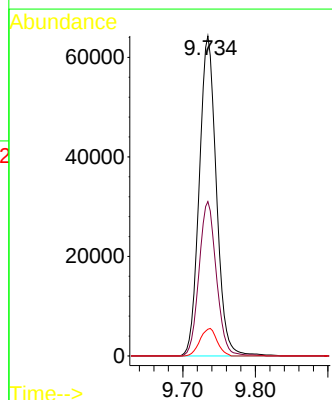
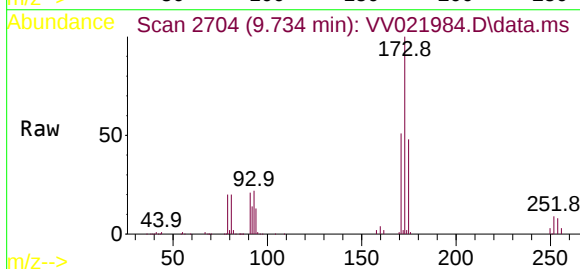
Instrument :
MSVOA_V
ClientSampleId :

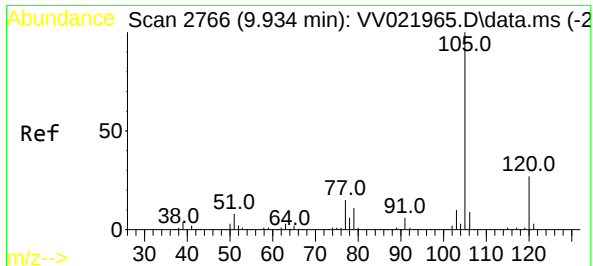
Tgt Ion: 83 Resp: 225994
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 9.8 8.2 12.2



#59
Bromoform
Concen: 50.269 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 173 Resp: 105344
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 8.6 7.0 10.4

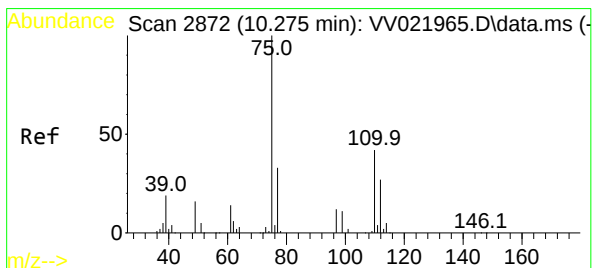
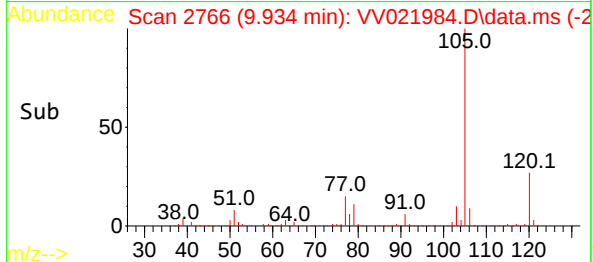
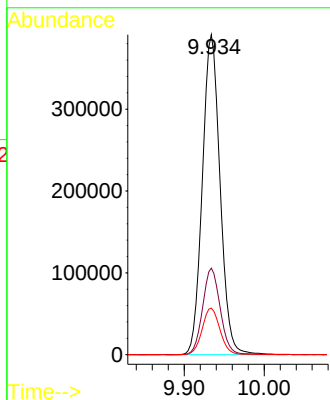
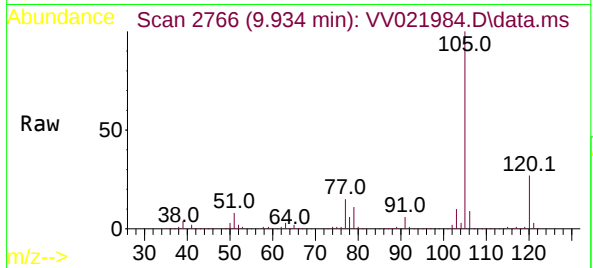




#60
Isopropylbenzene
Concen: 48.688 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

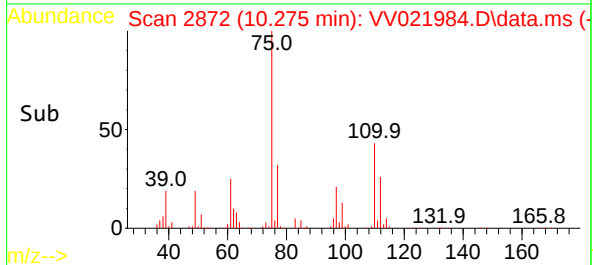
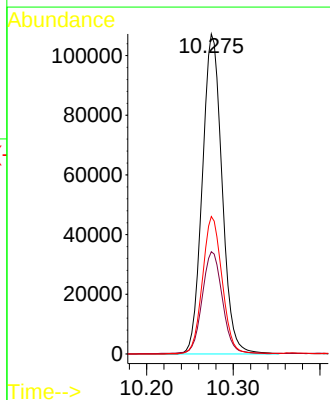
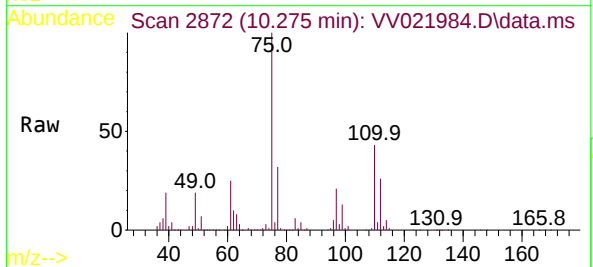
Instrument :
MSVOA_V
ClientSampled :

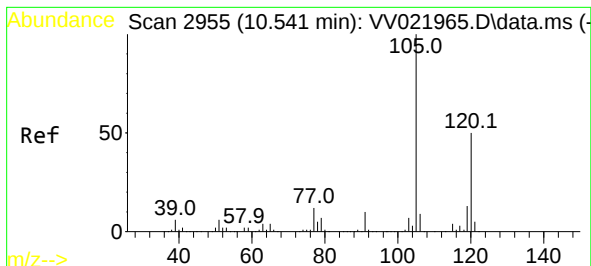
Tgt Ion:105 Resp: 603624
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 49.569 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 75 Resp: 169504
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 42.4 33.8 50.6

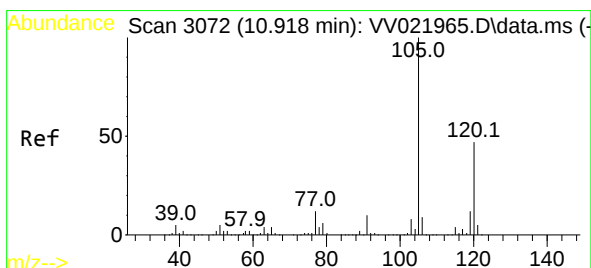
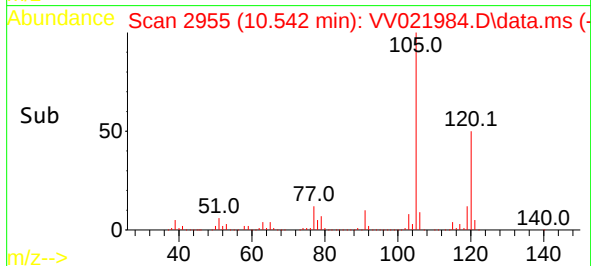
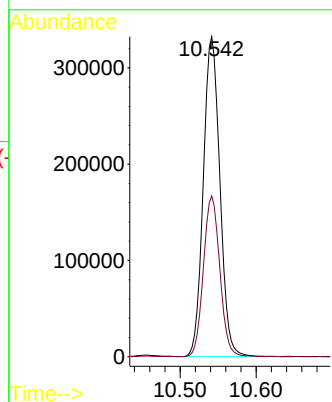
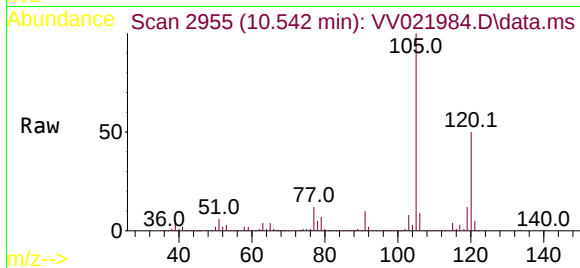




#62
1,3,5-Trimethylbenzene
Concen: 48.488 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

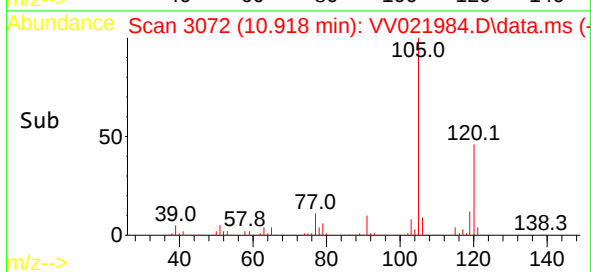
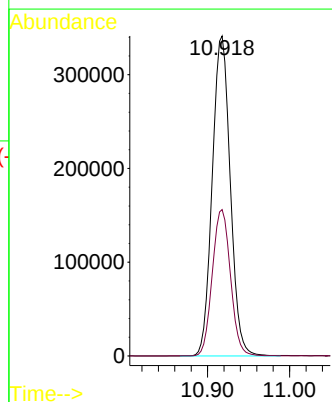
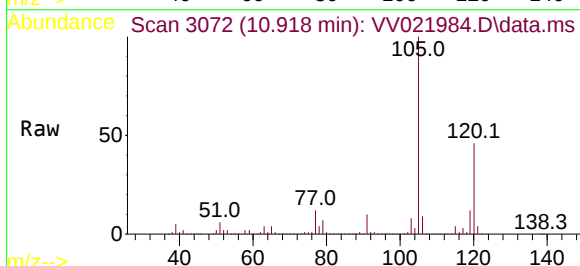
Instrument :
MSVOA_V
ClientSampled :

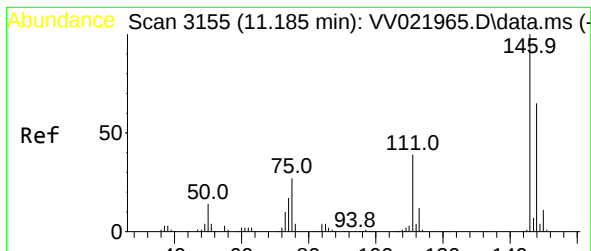
Tgt Ion:105 Resp: 504681
Ion Ratio Lower Upper
105 100
120 49.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.385 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:105 Resp: 522463
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

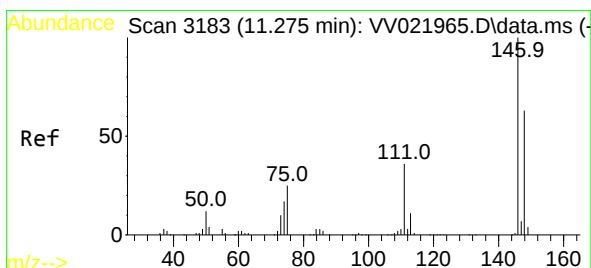
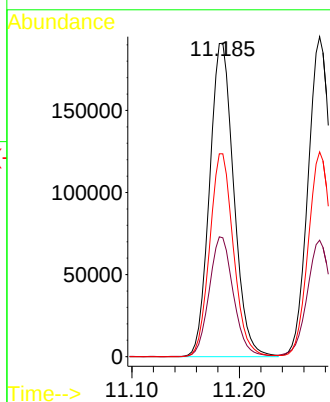
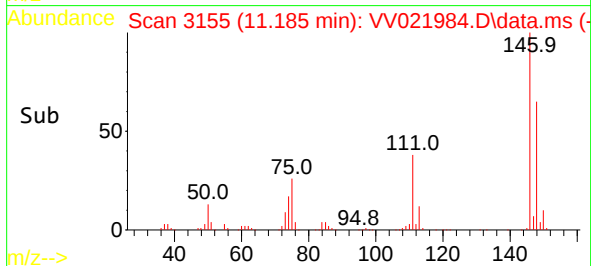
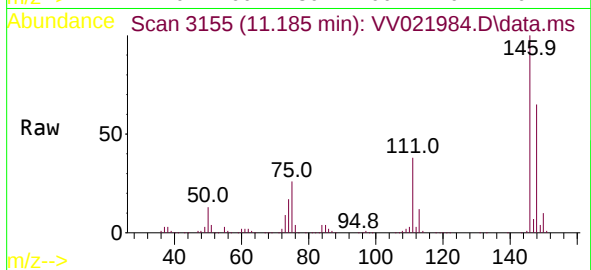




#64
1,3-Dichlorobenzene
Concen: 47.468 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

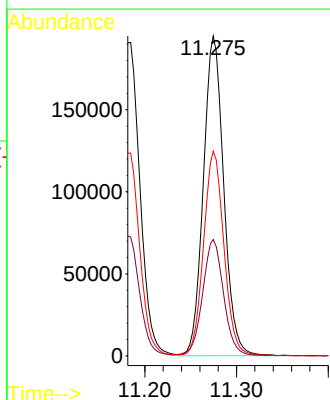
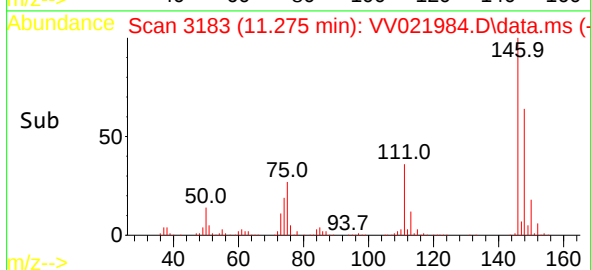
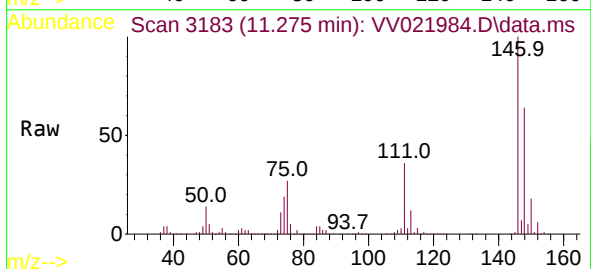
Instrument :
MSVOA_V
ClientSampled :

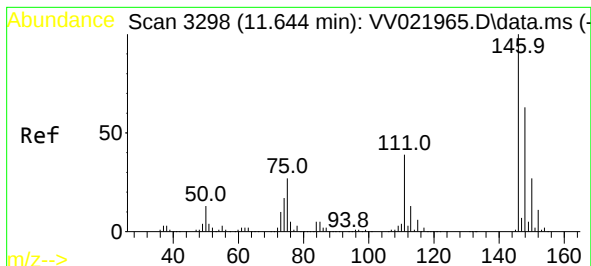
Tgt Ion:146 Resp: 298800
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 64.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.719 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:146 Resp: 300926
Ion Ratio Lower Upper
146 100
111 36.4 25.3 46.9
148 64.0 44.4 82.5

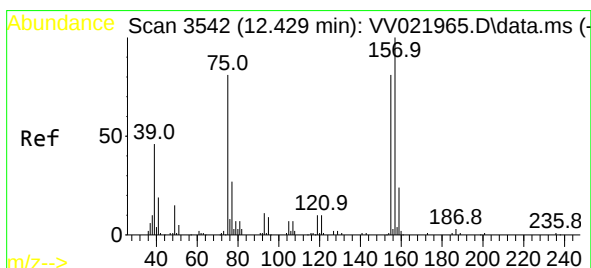
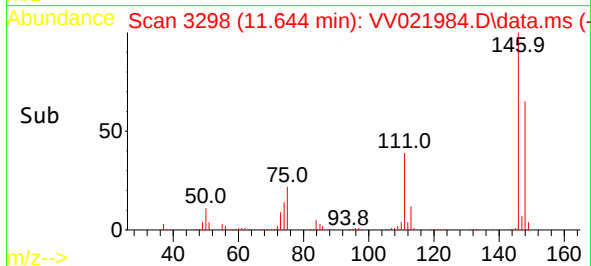
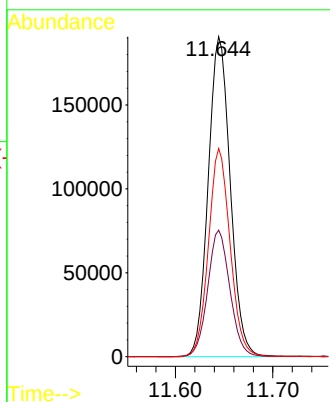
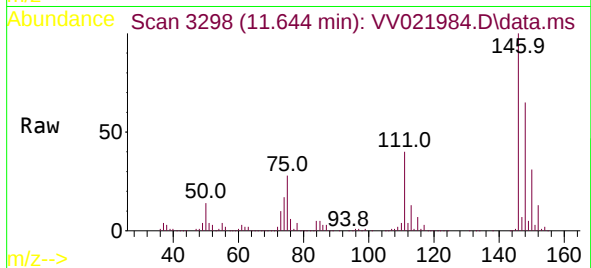




#67
1,2-Dichlorobenzene
Concen: 47.976 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

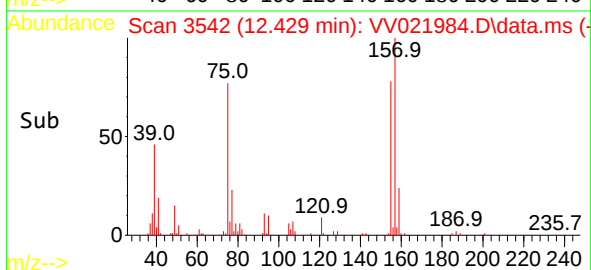
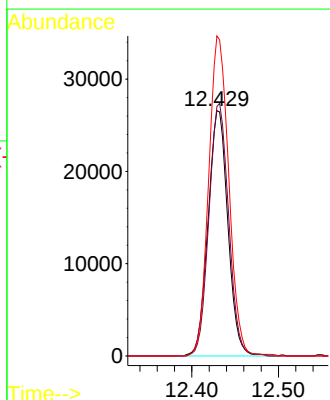
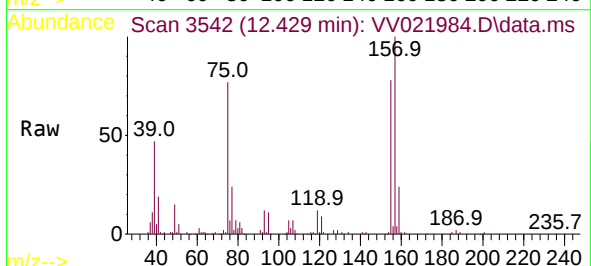
Instrument :
MSVOA_V
ClientSampled :

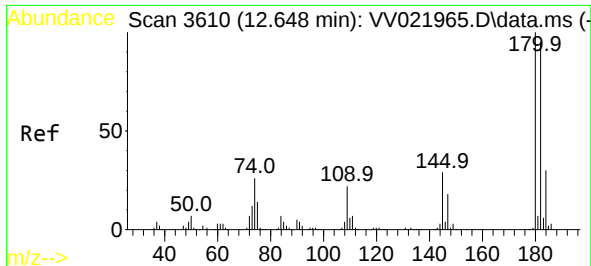
Tgt Ion:146 Resp: 299861
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 65.1 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.350 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion: 75 Resp: 42320
Ion Ratio Lower Upper
75 100
155 101.7 79.8 119.6
157 130.5 98.3 147.5

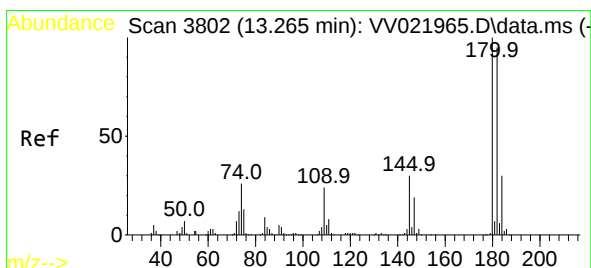
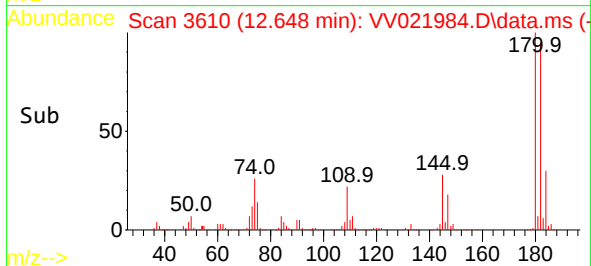
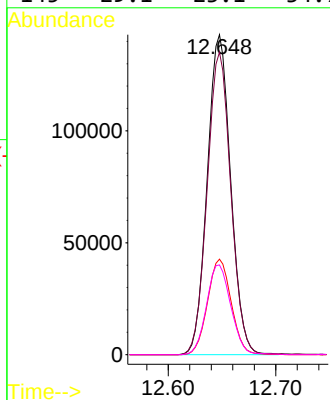
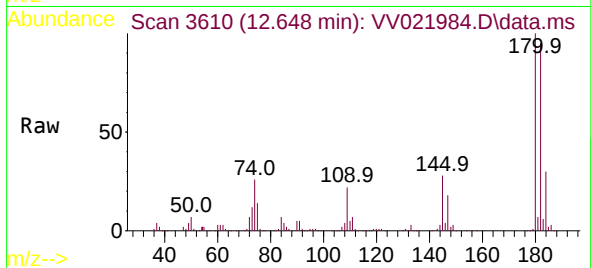




#69
1,3,5-Trichlorobenzene
Concen: 45.962 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

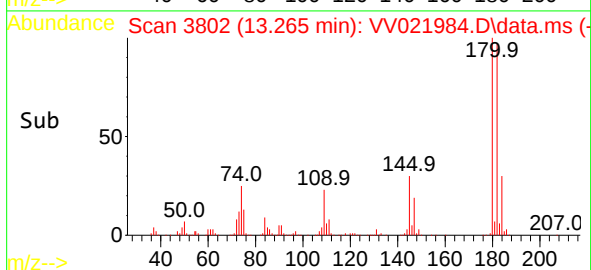
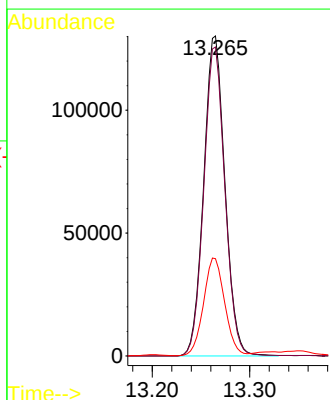
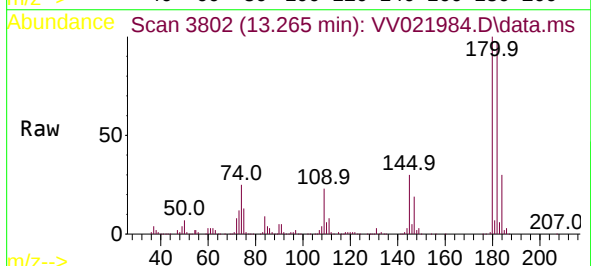
Instrument :
MSVOA_V
ClientSampled :

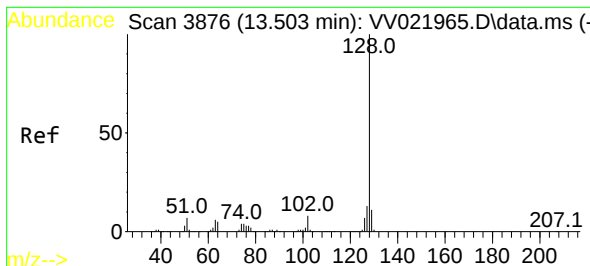
Tgt Ion:180 Resp: 216335
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
184 30.1 24.0 36.0
145 29.1 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 47.624 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:180 Resp: 197187
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 30.3 23.8 35.6

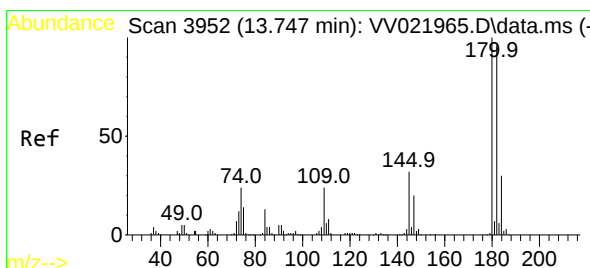
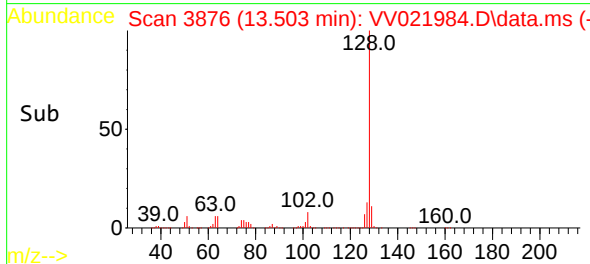
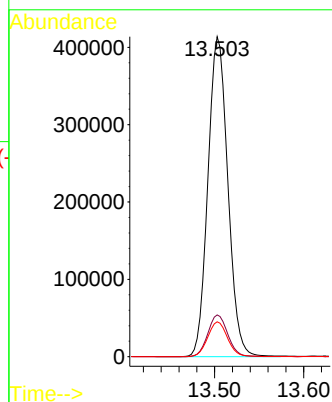
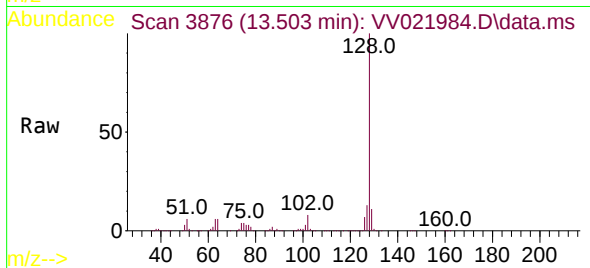




#71
Naphthalene
Concen: 53.883 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 641774
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.823 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV021984.D
Acq: 27 Aug 2021 18:30

Tgt Ion:180 Resp: 197174
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 34.1 25.4 38.0

