

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060321\
 Data File : VV021480.D
 Acq On : 03 Jun 2021 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 03:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 29 00:49:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	500827	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	466296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	274390	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	145595	44.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.300%
7) Chloroethane-d5	1.568	69	117650	47.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.920%
11) 1,1-Dichloroethene-d2	2.108	63	266595	47.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.640%
21) 2-Butanone-d5	3.883	46	229873	97.219	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.220%
24) Chloroform-d	4.346	84	320179	48.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	5.027	65	185886	49.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
32) Benzene-d6	5.047	84	631352	48.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	196232	48.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.420%
41) Toluene-d8	7.313	98	601331	48.385	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.780%
43) trans-1,3-Dichloroprop...	7.619	79	104702	48.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.140%
47) 2-Hexanone-d5	8.085	63	170388	92.113	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.110%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	265525	47.484	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	275489	48.299	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	177066	51.008	ug/L	99
3) Chloromethane	1.240	50	169300	48.957	ug/L	99
5) Vinyl chloride	1.310	62	179785	50.656	ug/L	100
6) Bromomethane	1.523	94	123415	50.775	ug/L	98
8) Chloroethane	1.584	64	104384	51.728	ug/L	98
9) Trichlorofluoromethane	1.751	101	273638	51.979	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	161016	52.617	ug/L	98
12) 1,1-Dichloroethene	2.117	96	151798	51.643	ug/L	91
13) Acetone	2.429	43	156591	76.970	ug/L	100
14) Carbon disulfide	2.291	76	466847	50.378	ug/L	99
15) Methyl Acetate	2.429	43	165605	47.508	ug/L	100
16) Methylene chloride	2.503	84	178163	48.385	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	171326	51.089	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	534026	50.232	ug/L	100
19) 1,1-Dichloroethane	3.188	63	297539	50.068	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	191304	50.990	ug/L	99
22) 2-Butanone	3.966	43	258376	100.256	ug/L	99
23) Bromochloromethane	4.243	128	106526	51.266	ug/L	94
25) Chloroform	4.371	83	314121	51.079	ug/L	99

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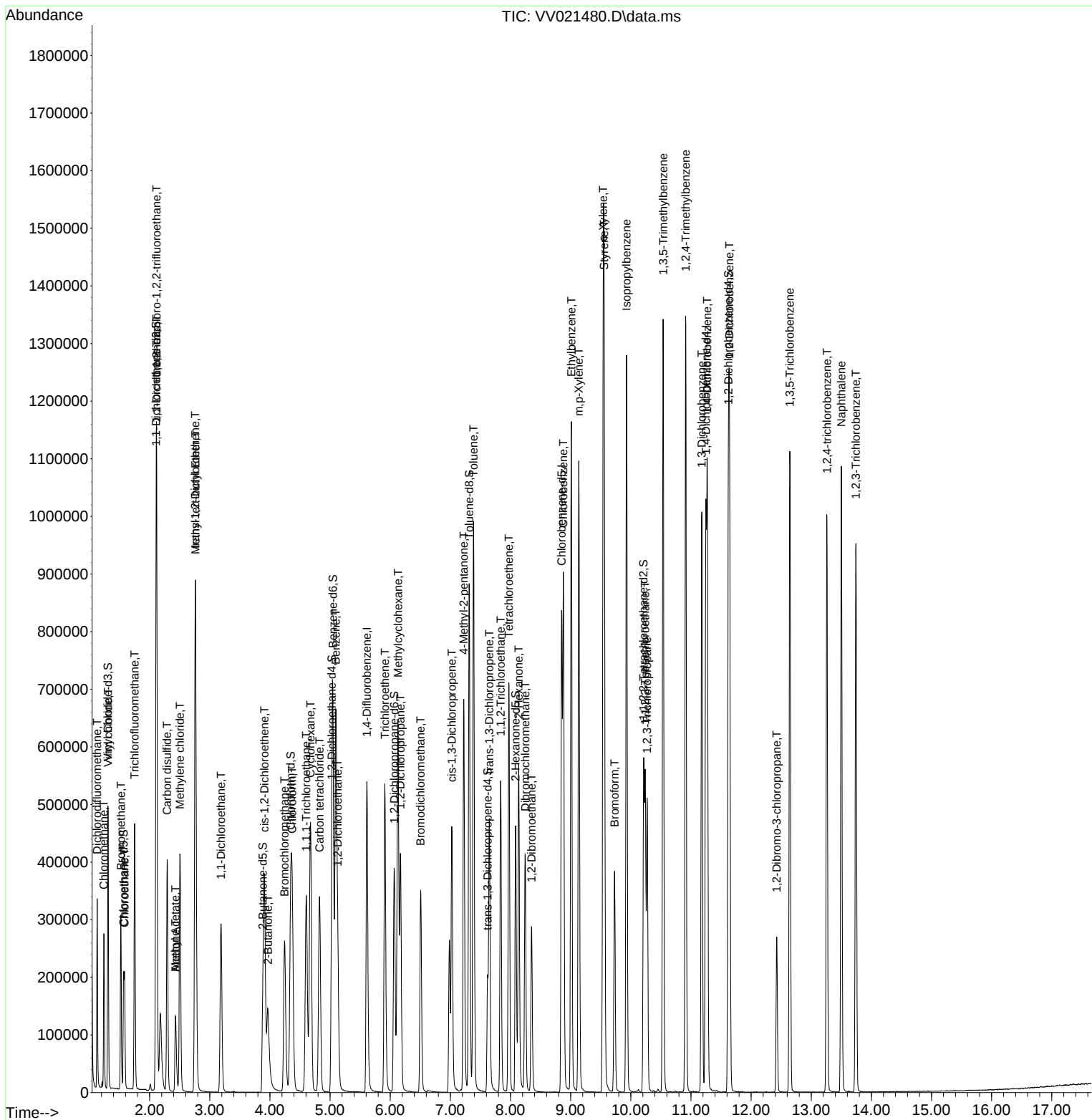
Instrument :
 MSVOA_V
 ClientSampleId :

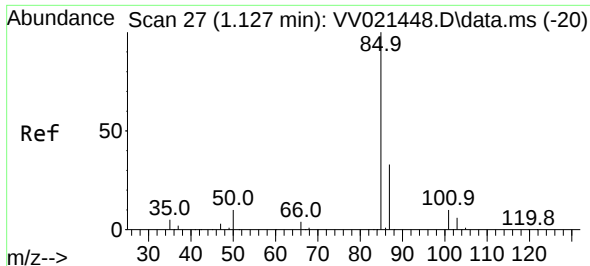
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	213028	50.142	ug/L	99
29) Cyclohexane	4.674	56	274593	50.547	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	291051	50.563	ug/L	100
31) Carbon tetrachloride	4.825	117	267155	51.125	ug/L	98
33) Benzene	5.095	78	673525	50.465	ug/L	100
34) Trichloroethene	5.912	95	186421	51.387	ug/L	97
35) Methylcyclohexane	6.130	83	297570	51.097	ug/L	99
37) 1,2-Dichloropropane	6.172	63	167051	49.090	ug/L	99
38) Bromodichloromethane	6.506	83	239290	50.112	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	290458	50.768	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	433750	94.007	ug/L	99
42) Toluene	7.384	91	748735	50.571	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	274396	50.697	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	174561	50.543	ug/L	99
46) Tetrachloroethene	7.973	164	176237	52.838	ug/L	99
48) 2-Hexanone	8.137	43	346506	97.918	ug/L	99
49) Dibromochloromethane	8.246	129	221383	51.189	ug/L	100
50) 1,2-Dibromoethane	8.349	107	191298	50.324	ug/L	99
51) Chlorobenzene	8.879	112	497379	50.812	ug/L	99
52) Ethylbenzene	9.011	91	832633	51.201	ug/L	99
53) m,p-Xylene	9.136	106	323811	51.824	ug/L	99
54) o-Xylene	9.542	106	313941	50.887	ug/L	99
55) Styrene	9.558	104	541496	50.998	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	259574	48.147	ug/L	100
59) Bromoform	9.731	173	184322	49.786	ug/L	99
60) Isopropylbenzene	9.931	105	844204	49.651	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	201112	46.647	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	727821	49.723	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	739049	49.981	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	433246	50.446	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	438853	50.613	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	430623	50.076	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	61430	45.737	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	374474	51.687	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	334782	51.724	ug/L	100
71) Naphthalene	13.503	128	876802	49.111	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	323133	51.290	ug/L	100

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

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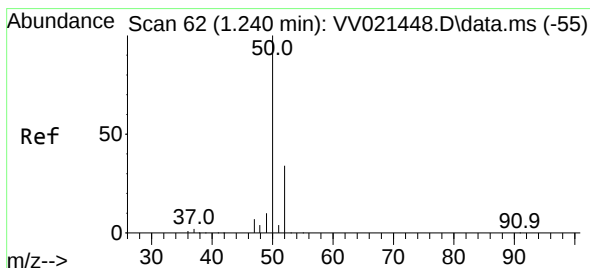
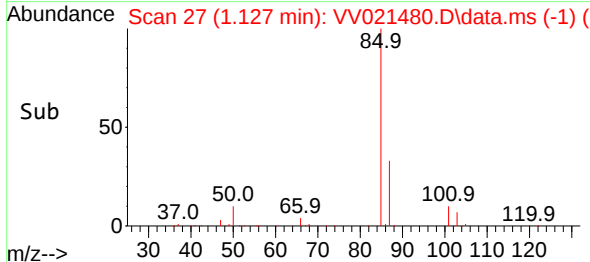
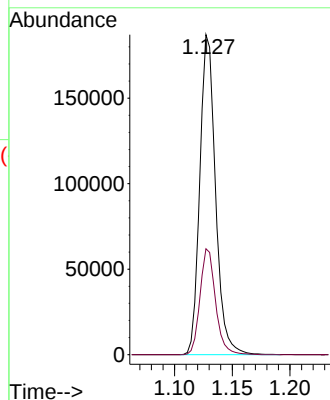
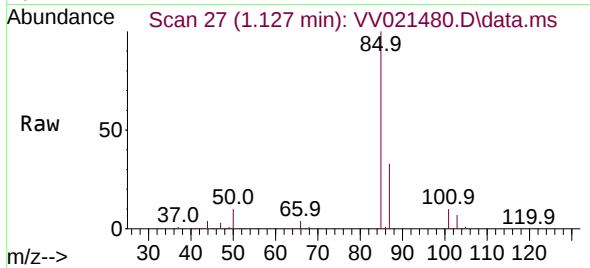




#2
 Dichlorodifluoromethane
 Concen: 51.008 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021480.D
 Acq: 03 Jun 2021 10:37

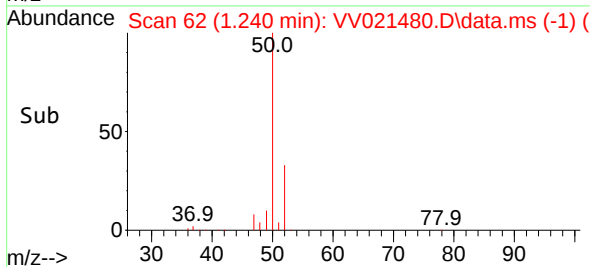
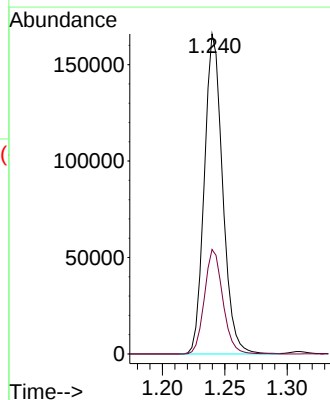
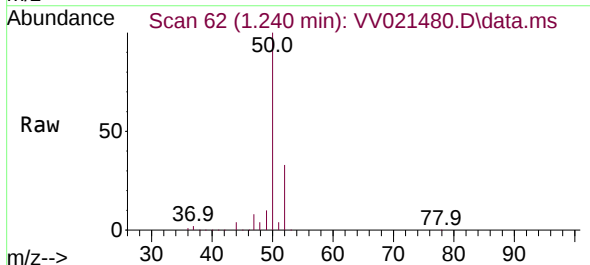
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 ClientSampled :

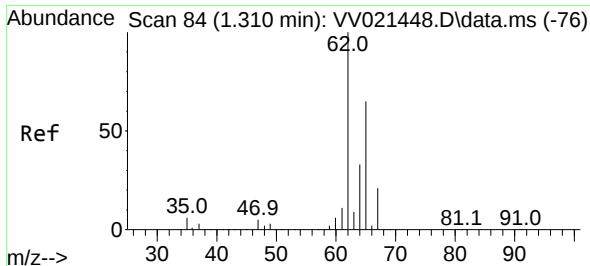
Tgt Ion: 85 Resp: 177066
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 39.8



#3
 Chloromethane
 Concen: 48.957 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021480.D
 Acq: 03 Jun 2021 10:37

Tgt Ion: 50 Resp: 169300
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

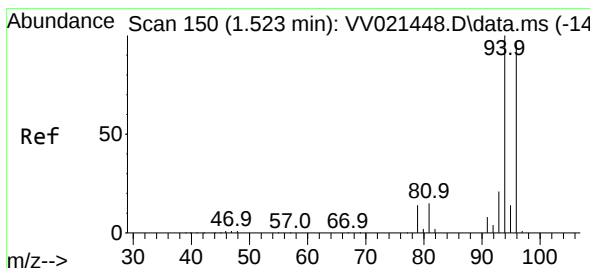
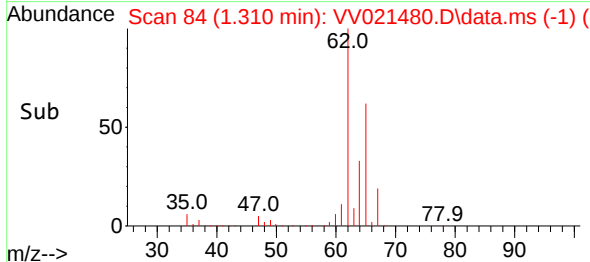
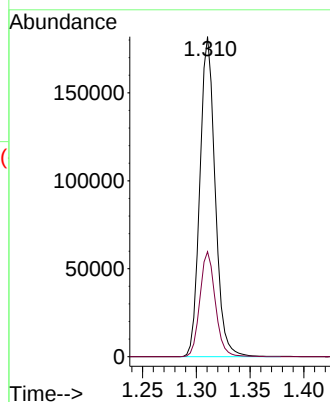
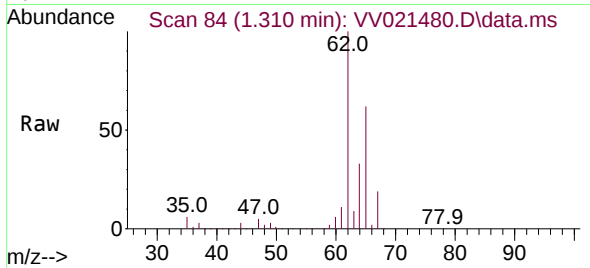




#5
 Vinyl chloride
 Concen: 50.656 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021480.D
 Acq: 03 Jun 2021 10:37

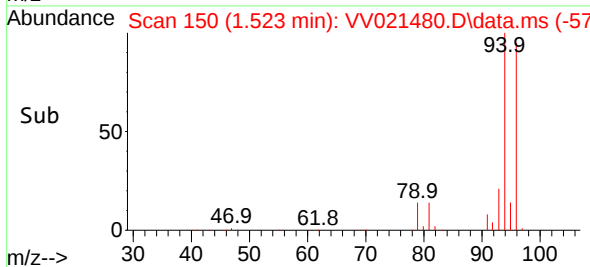
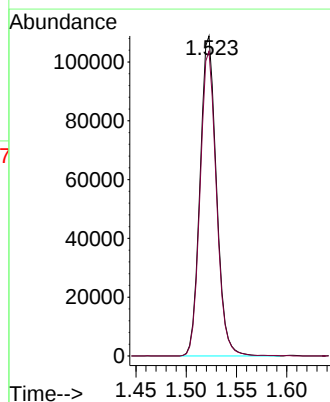
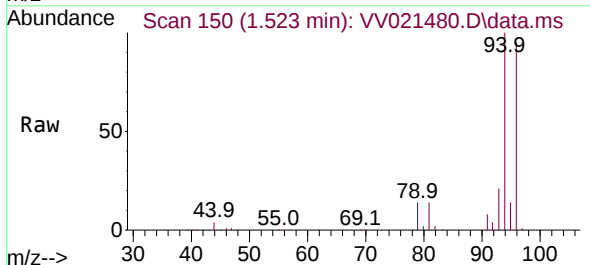
Instrument :
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 ClientSampled :

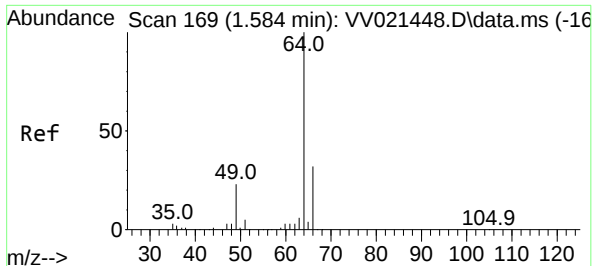
Tgt Ion: 62 Resp: 179785
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 50.775 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV021480.D
 Acq: 03 Jun 2021 10:37

Tgt Ion: 94 Resp: 123415
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.2 121.0

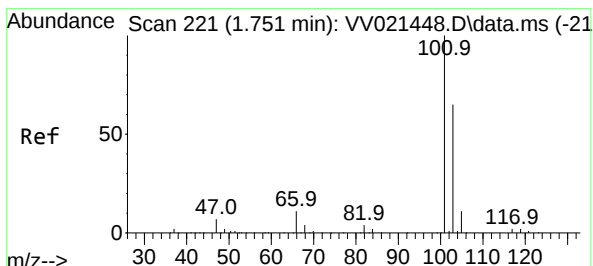
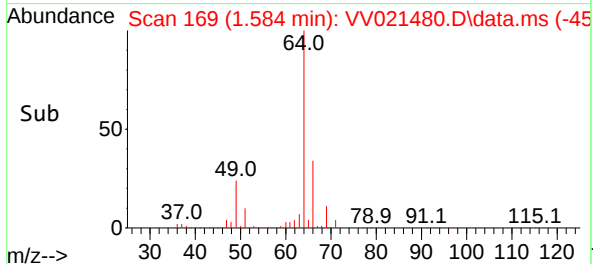
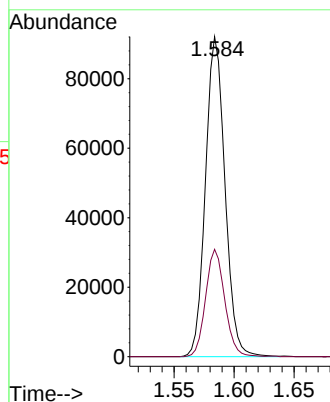
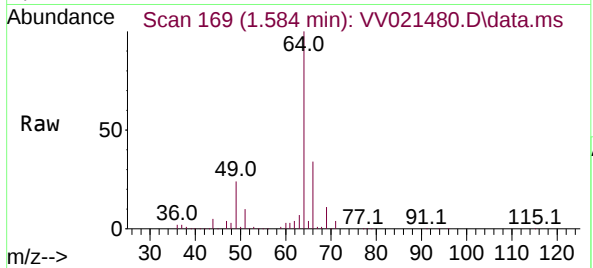




#8
Chloroethane
Concen: 51.728 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

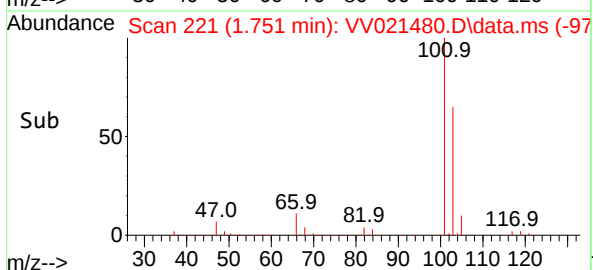
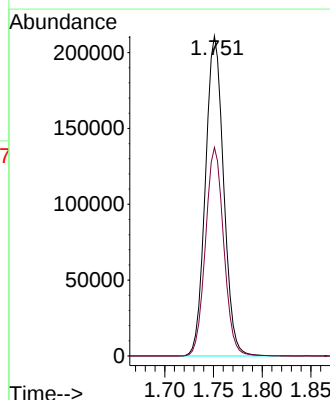
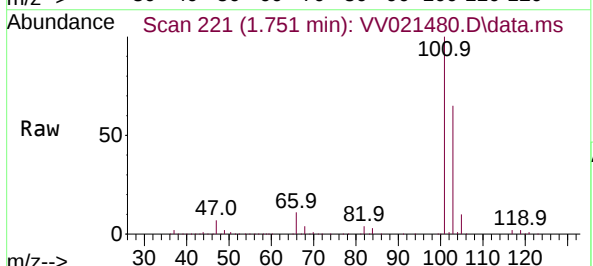
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ClientSampled :

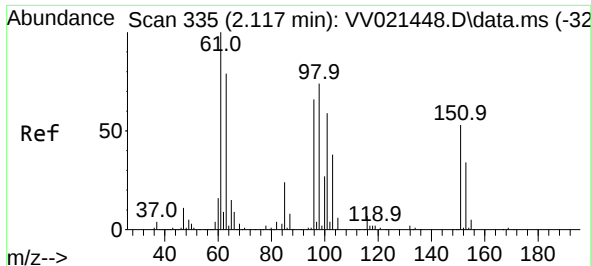
Tgt Ion: 64 Resp: 104384
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 51.979 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:101 Resp: 273638
Ion Ratio Lower Upper
101 100
103 65.3 52.1 78.1

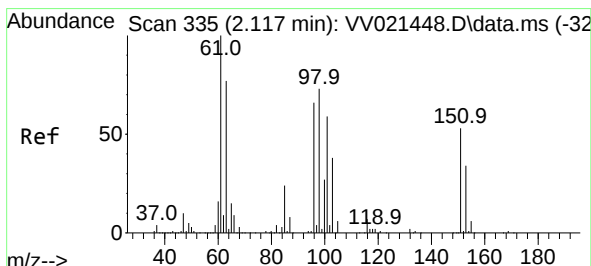
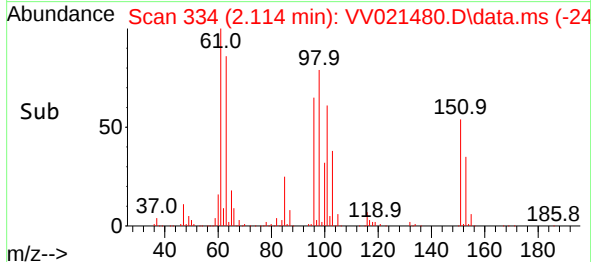
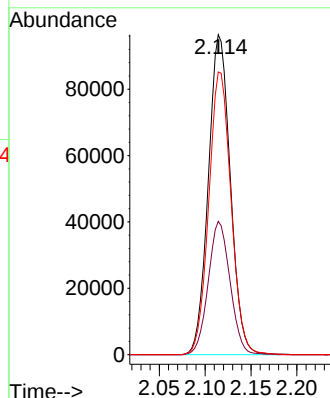
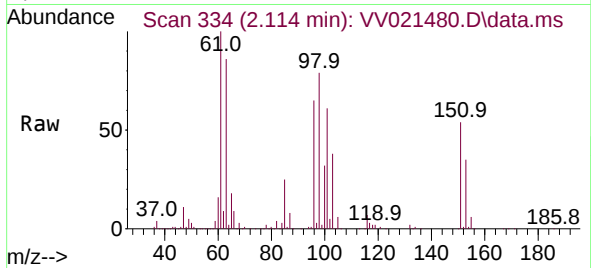




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.617 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

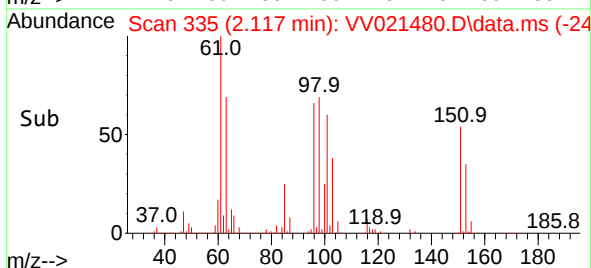
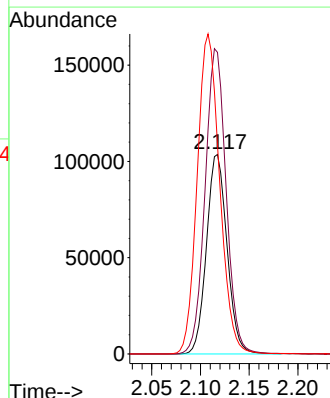
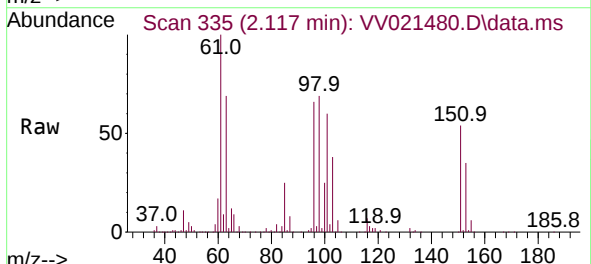
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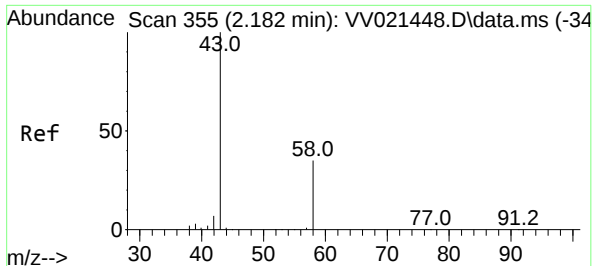
Tgt Ion:101 Resp: 161016
Ion Ratio Lower Upper
101 100
85 41.3 32.6 49.0
151 89.3 70.0 105.0



#12
1,1-Dichloroethene
Concen: 51.643 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 96 Resp: 151798
Ion Ratio Lower Upper
96 100
61 151.1 107.7 200.1
63 104.9 86.6 160.8

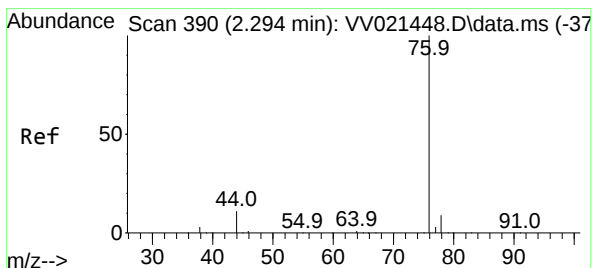
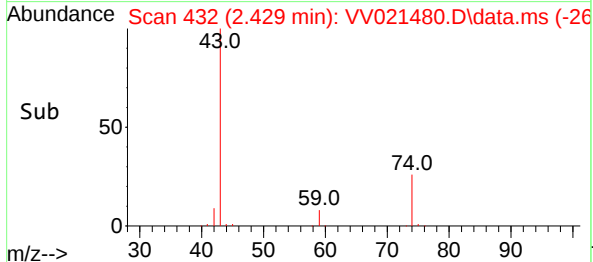
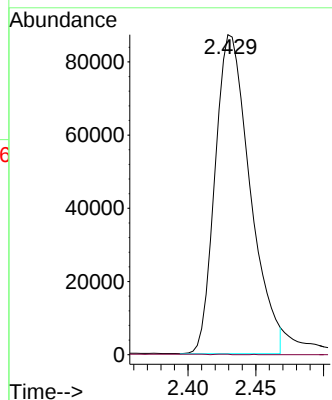
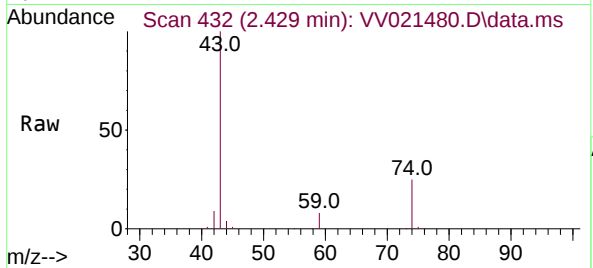




#13
Acetone
Concen: 76.970 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.248 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

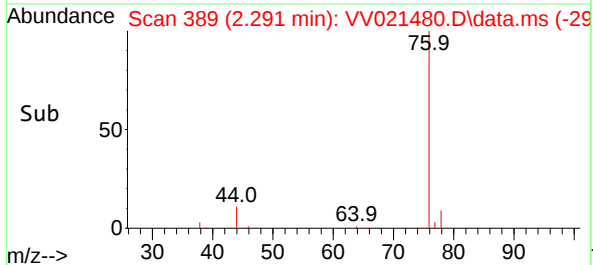
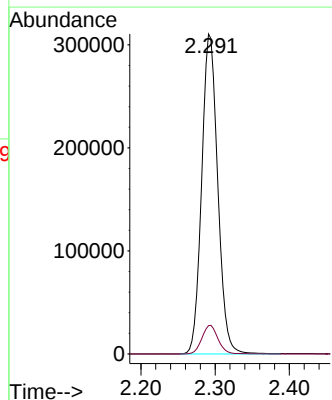
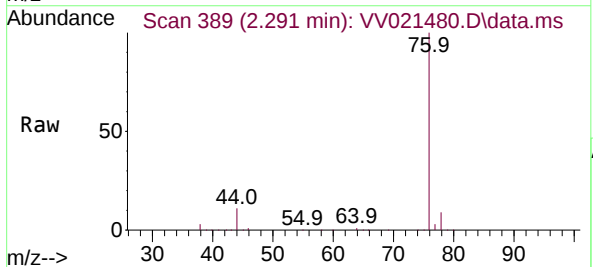
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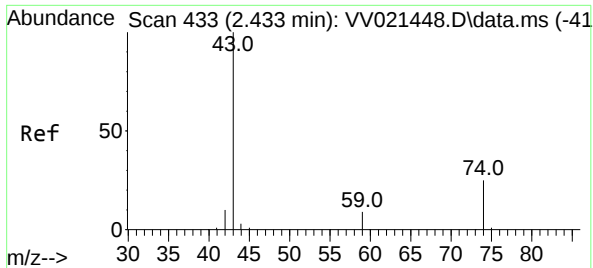
Tgt Ion: 43 Resp: 156591
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.2



#14
Carbon disulfide
Concen: 50.378 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 76 Resp: 466847
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

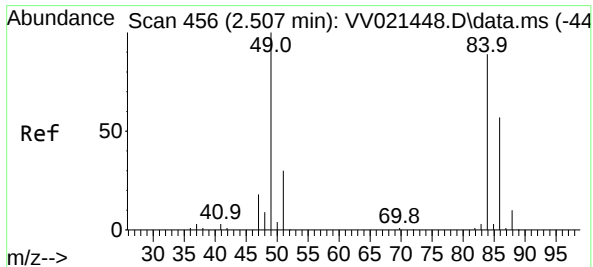
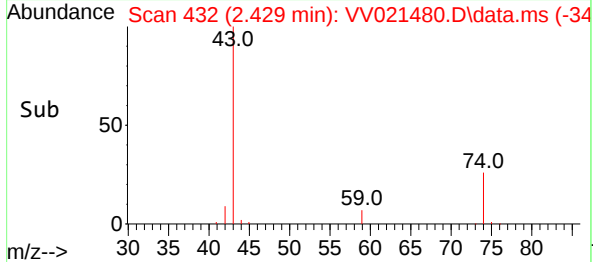
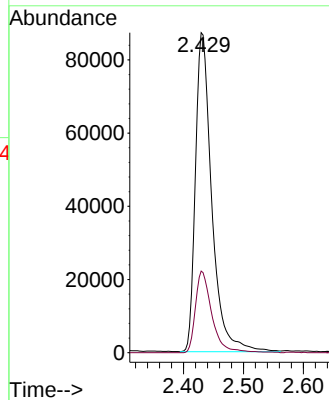
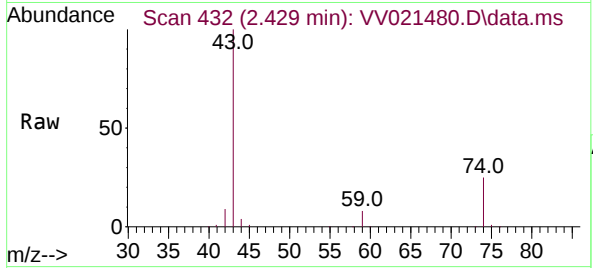




#15
Methyl Acetate
Concen: 47.508 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

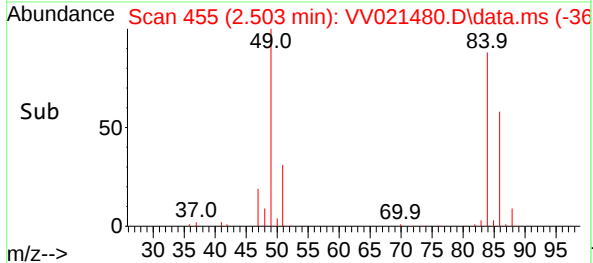
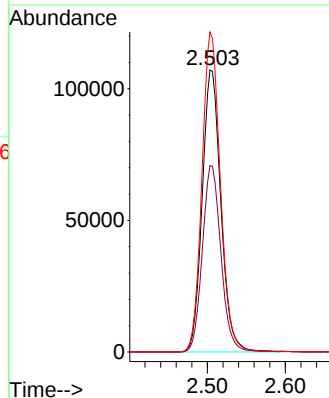
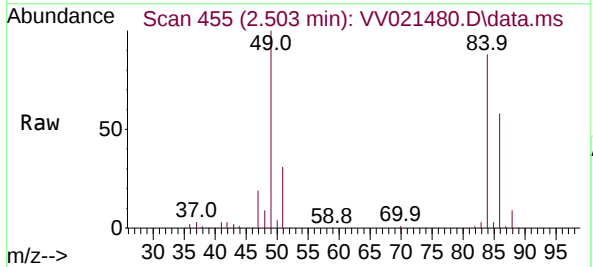
Instrument :
MSVOA_V
ClientSampled :

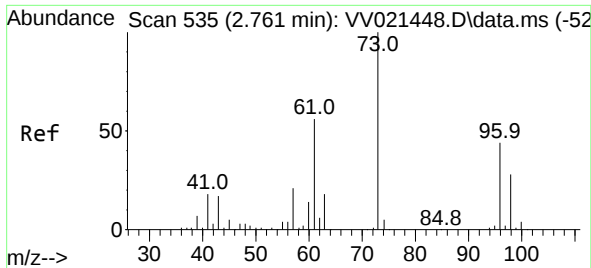
Tgt Ion: 43 Resp: 165605
Ion Ratio Lower Upper
43 100
74 25.4 20.4 30.6



#16
Methylene chloride
Concen: 48.385 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 84 Resp: 178163
Ion Ratio Lower Upper
84 100
86 66.1 44.1 81.9
49 113.5 80.8 150.0

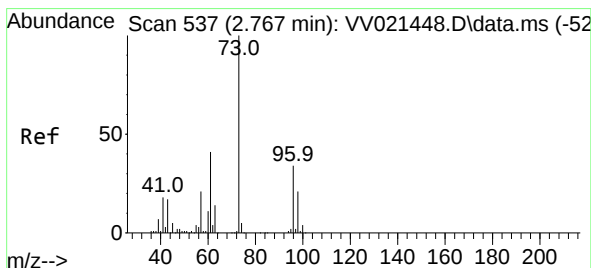
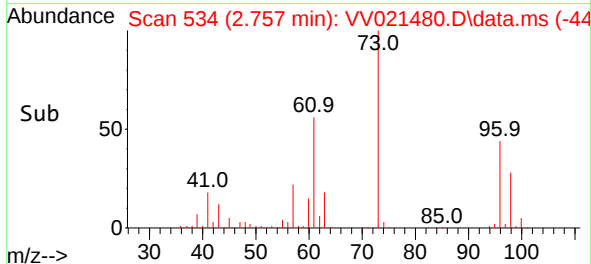
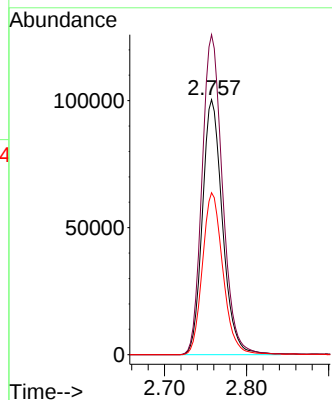
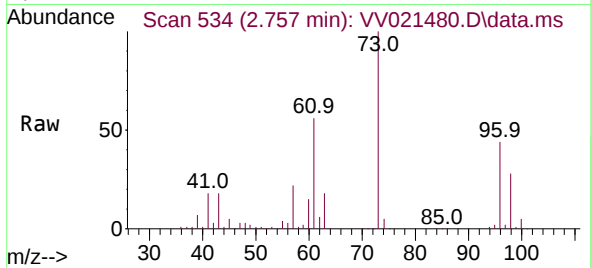




#17
trans-1,2-Dichloroethene
Concen: 51.089 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

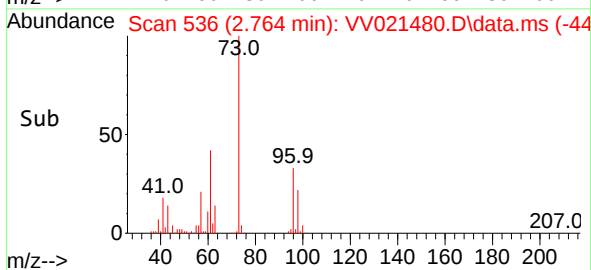
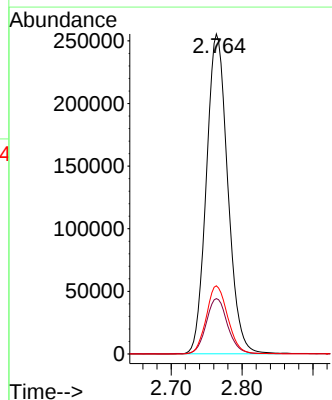
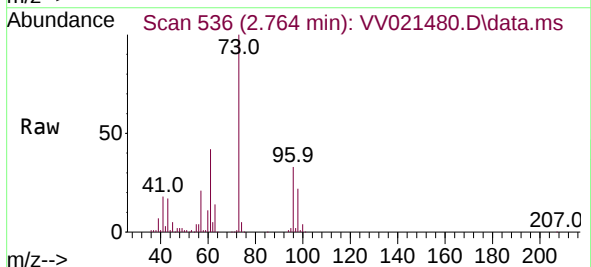
Instrument :
MSVOA_V
ClientSampleId :

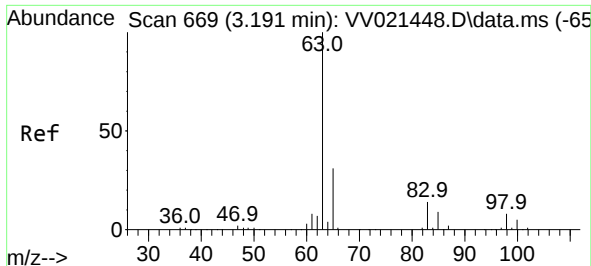
Tgt Ion: 96 Resp: 171326
Ion Ratio Lower Upper
96 100
61 125.5 88.8 165.0
98 63.5 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 50.232 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 73 Resp: 534026
Ion Ratio Lower Upper
73 100
43 17.2 13.9 20.9
57 21.5 17.1 25.7

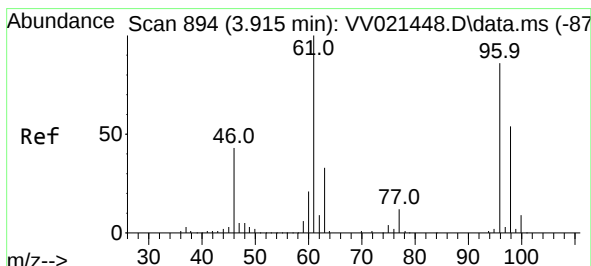
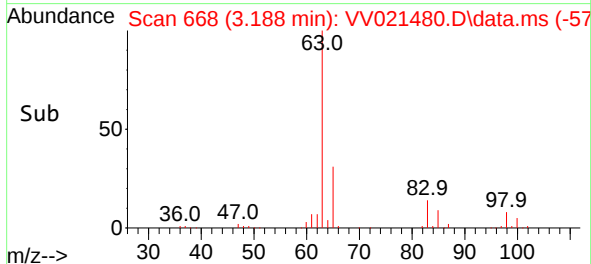
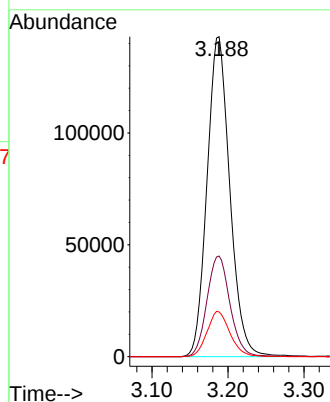
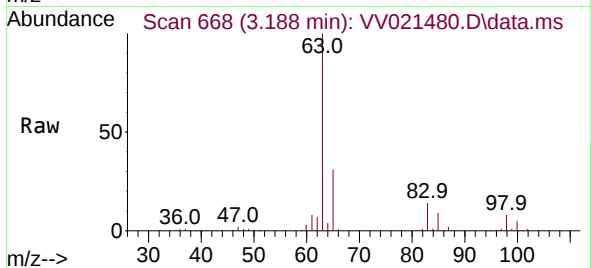




#19
1,1-Dichloroethane
Concen: 50.068 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

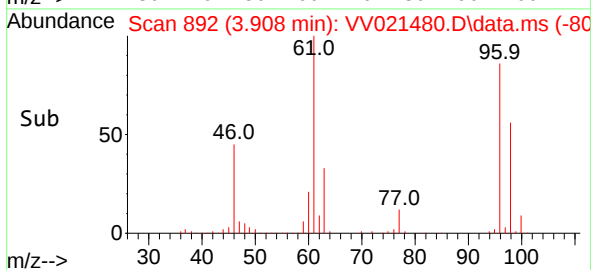
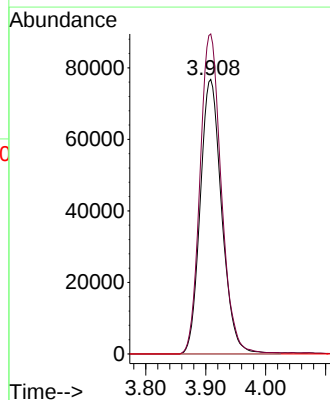
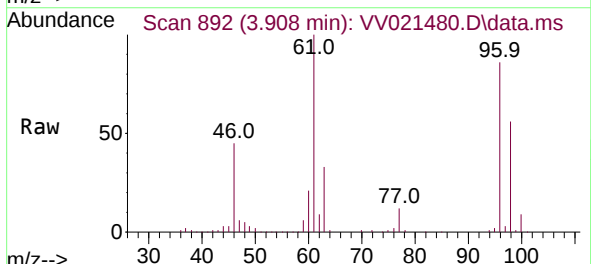
Instrument :
MSVOA_V
ClientSampleId :

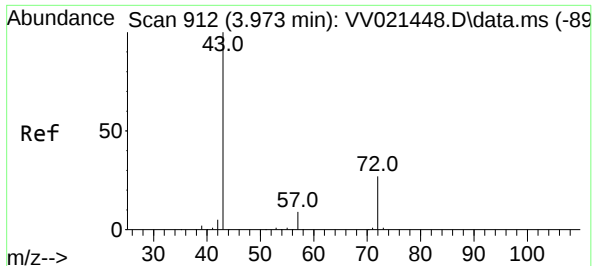
Tgt Ion: 63		Resp: 297539	
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.7
83	14.0	10.1	18.9



#20
cis-1,2-Dichloroethene
Concen: 50.990 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 96	Resp: 191304
Ion Ratio	Lower Upper
96 100	
61 116.6	82.4 153.0
68 0.0	0.0 0.0

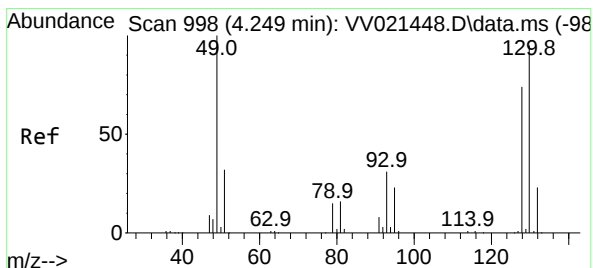
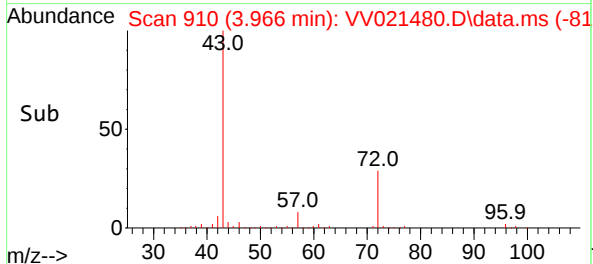
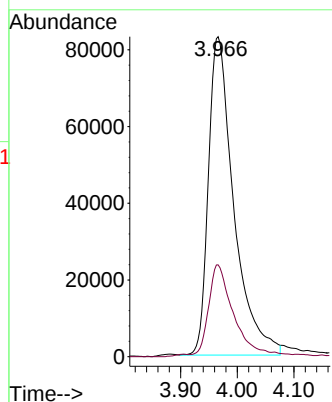
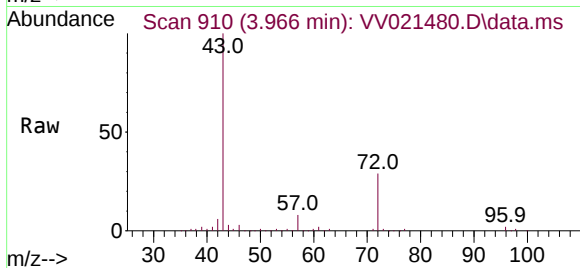




#22
2-Butanone
Concen: 100.256 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

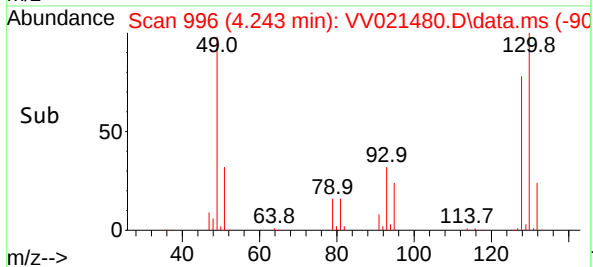
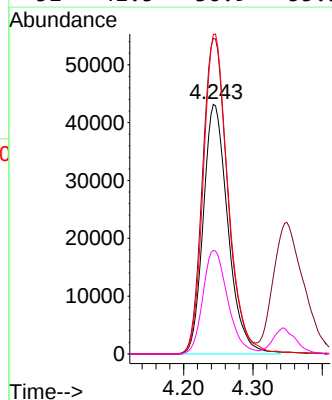
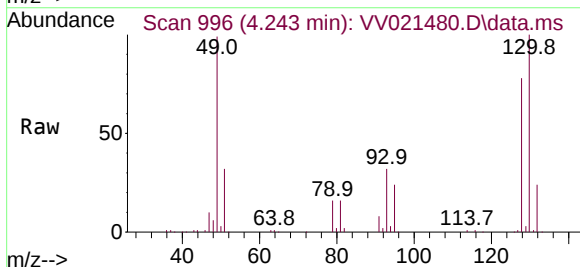
Instrument :
MSVOA_V
ClientSampled :

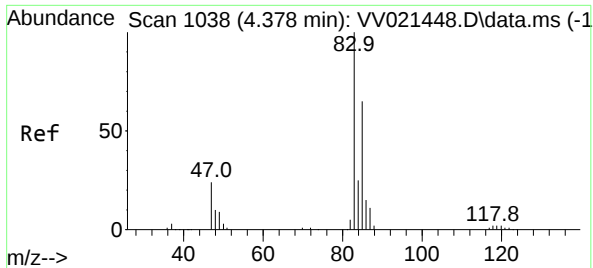
Tgt Ion: 43 Resp: 258376
Ion Ratio Lower Upper
43 100
72 26.5 13.1 39.1



#23
Bromochloromethane
Concen: 51.266 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 128 Resp: 106526
Ion Ratio Lower Upper
128 100
49 126.4 96.8 179.8
130 128.0 90.2 167.6
51 41.5 36.9 55.3

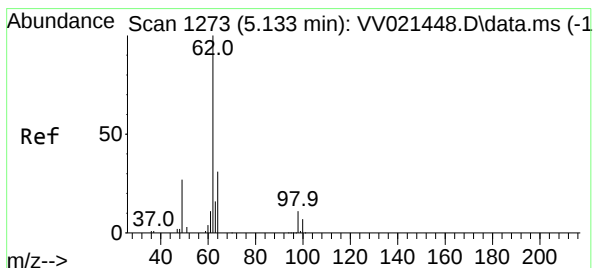
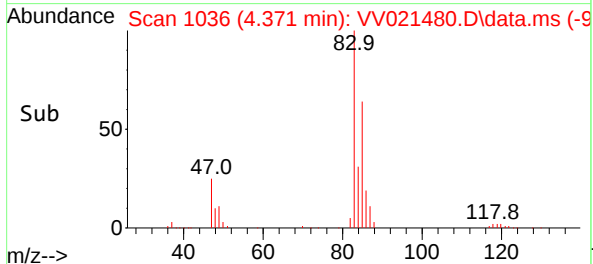
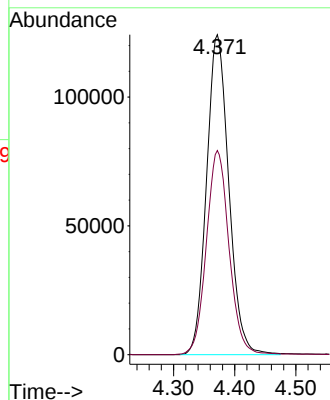
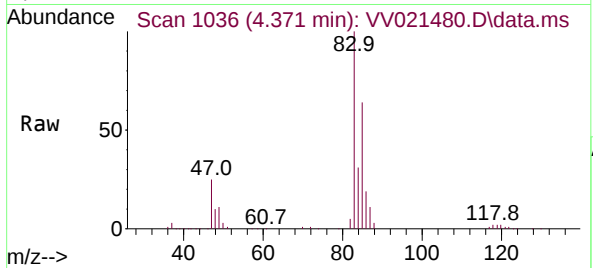




#25
Chloroform
Concen: 51.079 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

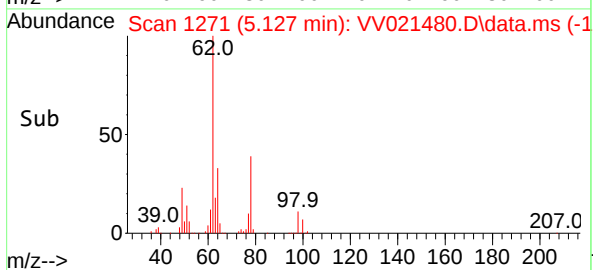
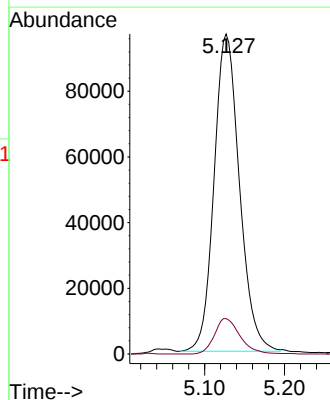
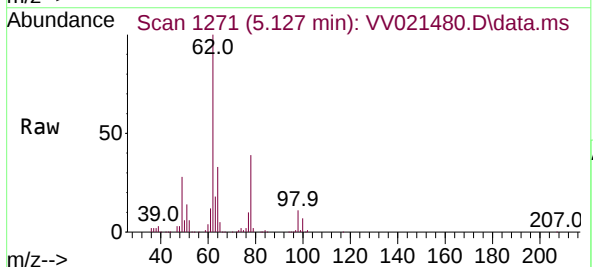
Instrument :
MSVOA_V
ClientSampled :

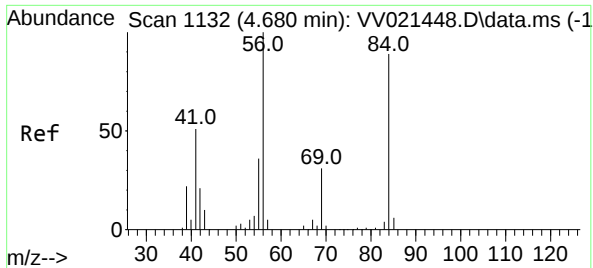
Tgt Ion: 83 Resp: 314121
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 50.142 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 62 Resp: 213028
Ion Ratio Lower Upper
62 100
98 11.0 8.6 12.8





#29

Cyclohexane

Concen: 50.547 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV021480.D

Acq: 03 Jun 2021 10:37

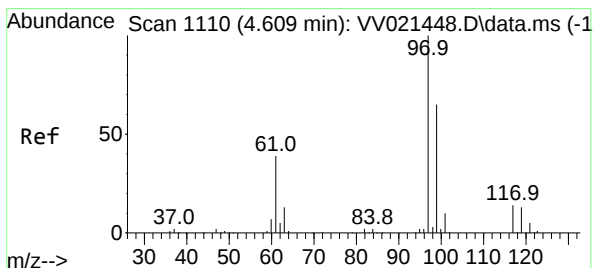
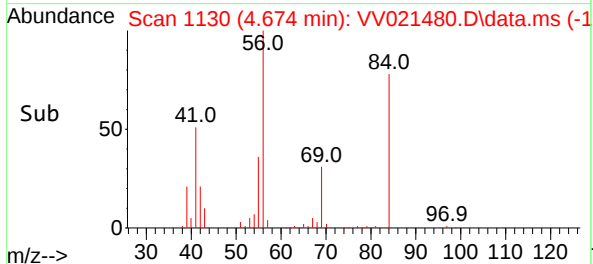
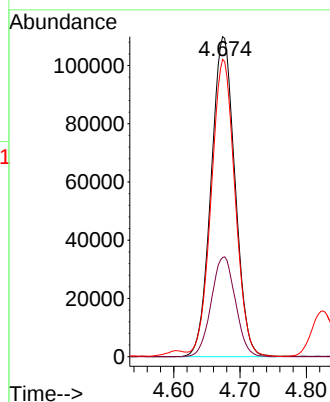
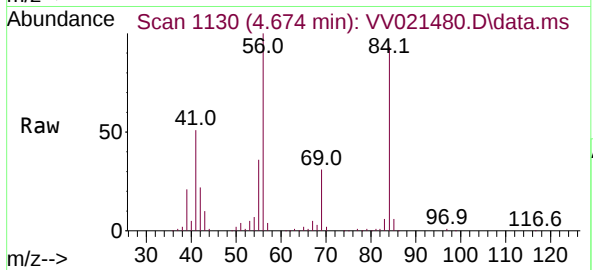
Tgt Ion: 56 Resp: 274593

Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

84 92.3 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 50.563 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV021480.D

Acq: 03 Jun 2021 10:37

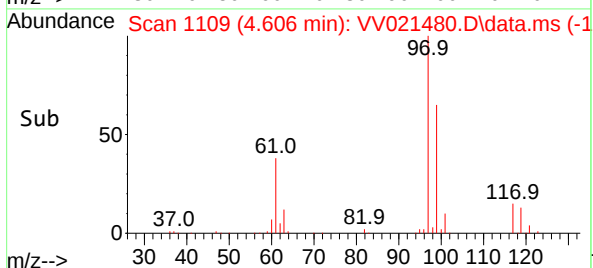
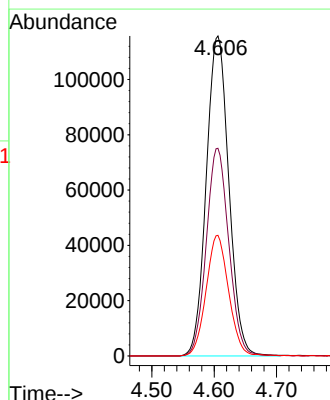
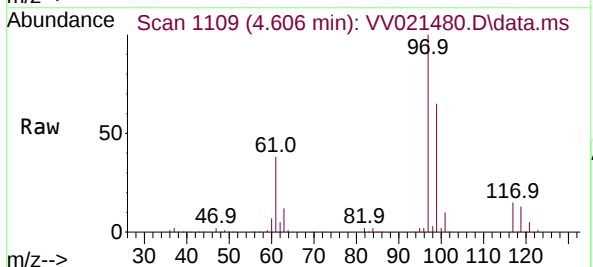
Tgt Ion: 97 Resp: 291051

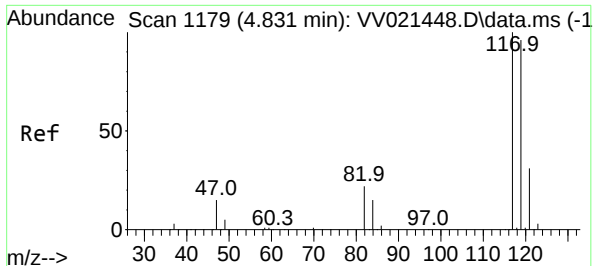
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 37.5 30.2 45.4

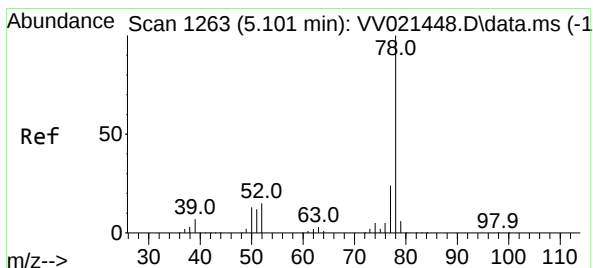
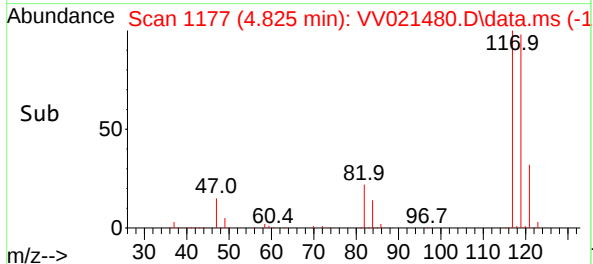
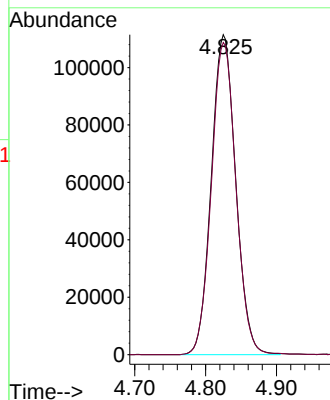
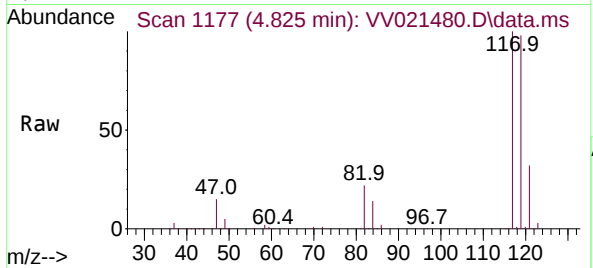




#31
Carbon tetrachloride
Concen: 51.125 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

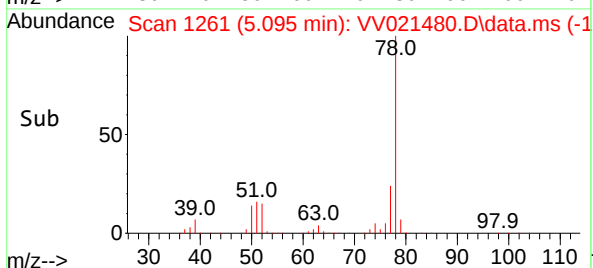
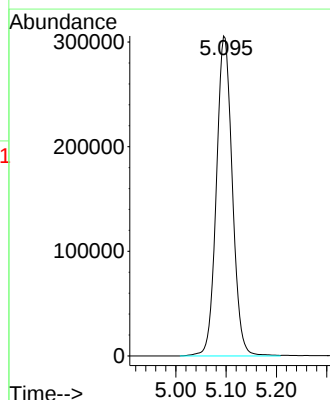
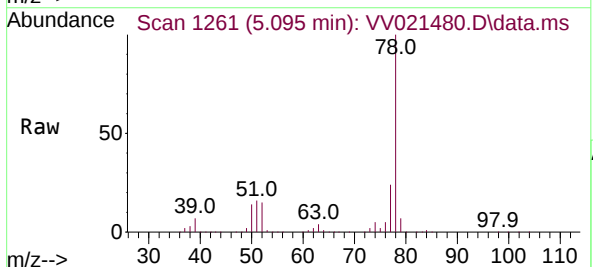
Instrument :
MSVOA_V
ClientSampled :

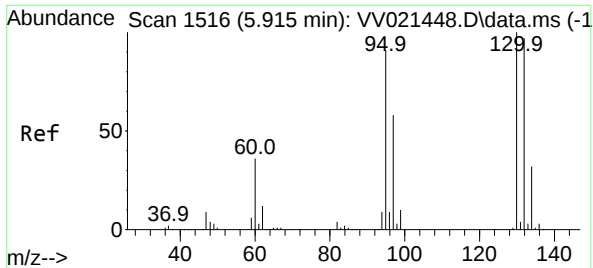
Tgt Ion:117 Resp: 267155
Ion Ratio Lower Upper
117 100
119 97.7 76.8 115.2



#33
Benzene
Concen: 50.465 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 78 Resp: 673525

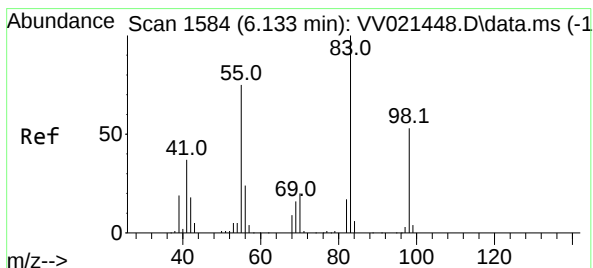
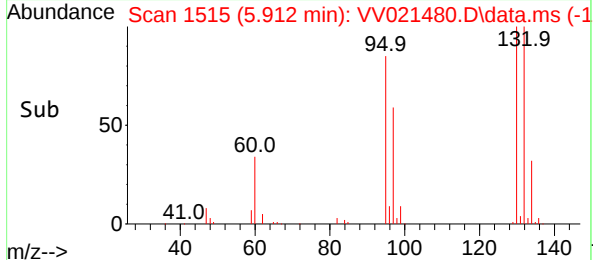
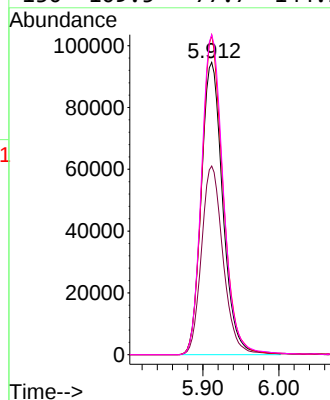
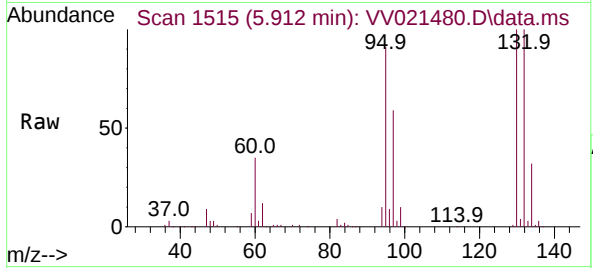




#34
Trichloroethene
Concen: 51.387 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

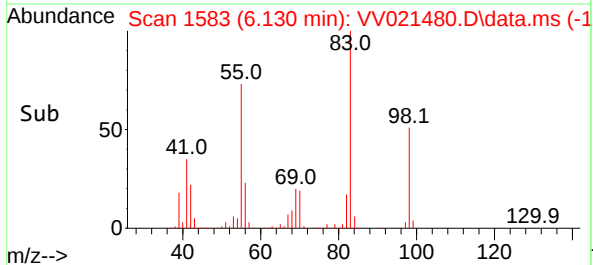
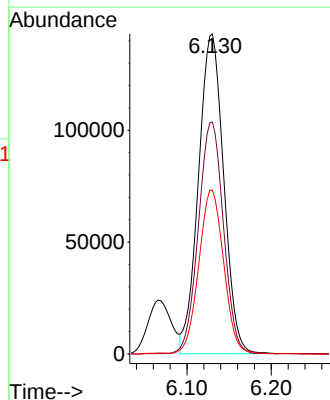
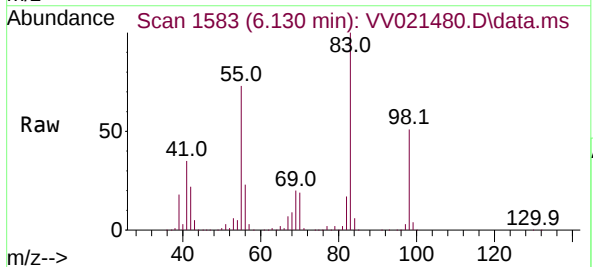
Instrument :
MSVOA_V
ClientSampleId :

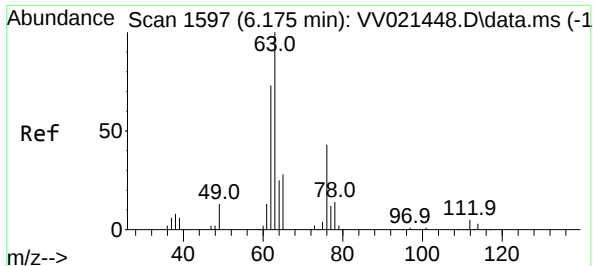
Tgt Ion: 95 Resp: 186421
Ion Ratio Lower Upper
95 100
97 64.5 44.3 82.3
132 109.3 73.2 136.0
130 109.5 77.7 144.3



#35
Methylcyclohexane
Concen: 51.097 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 83 Resp: 297570
Ion Ratio Lower Upper
83 100
55 72.0 58.0 87.0
98 50.7 40.8 61.2



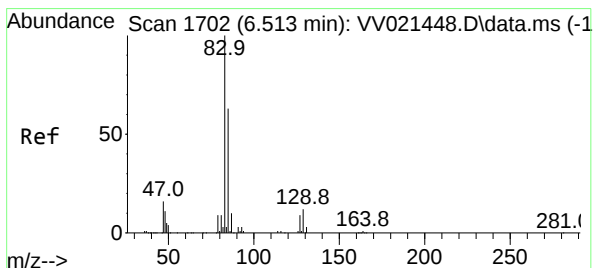
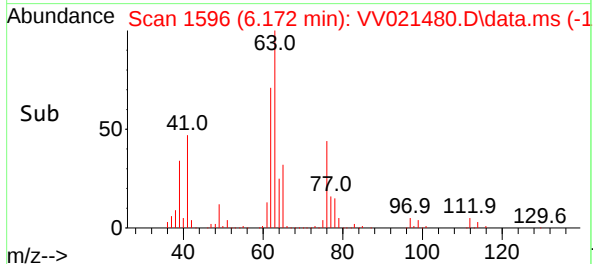
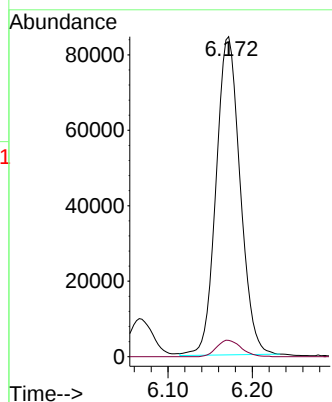
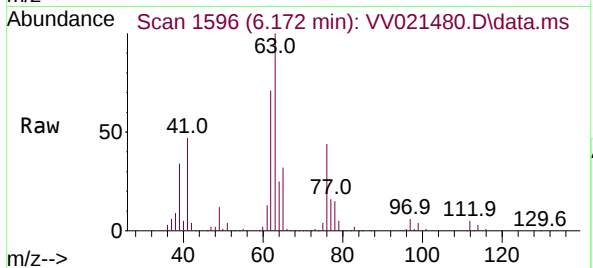


#37

1,2-Dichloropropane
Concen: 49.090 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Instrument :
MSVOA_V
ClientSampled :

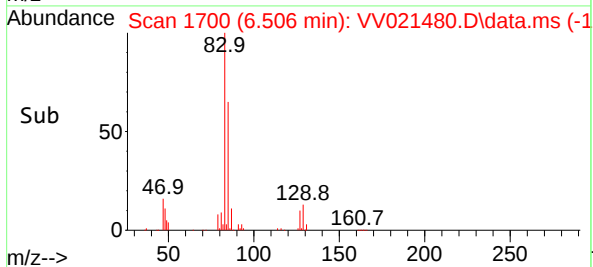
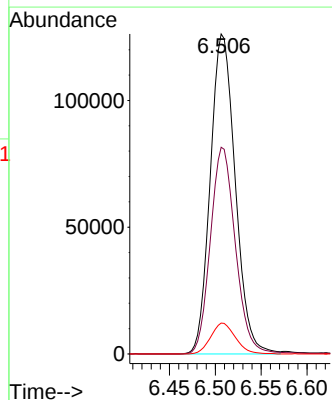
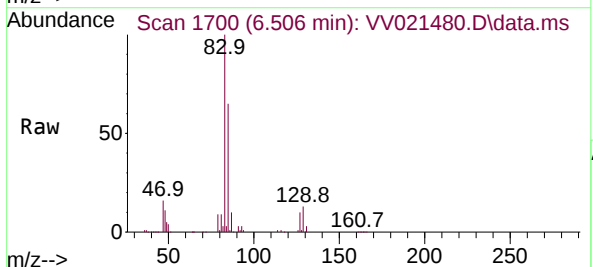
Tgt Ion: 63 Resp: 167051
Ion Ratio Lower Upper
63 100
112 5.3 4.0 6.0

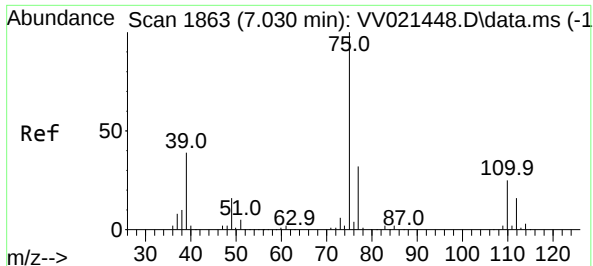


#38

Bromodichloromethane
Concen: 50.112 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 83 Resp: 239290
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
127 9.7 7.6 11.4



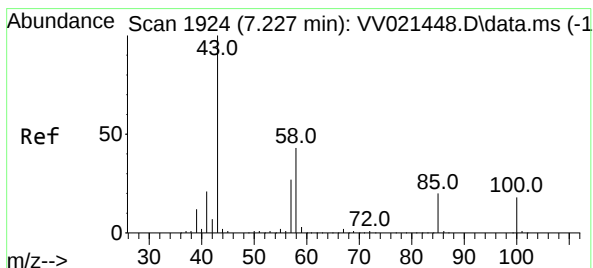
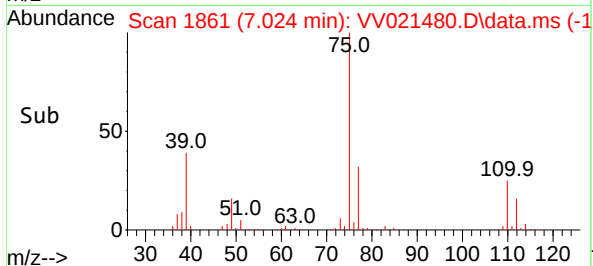
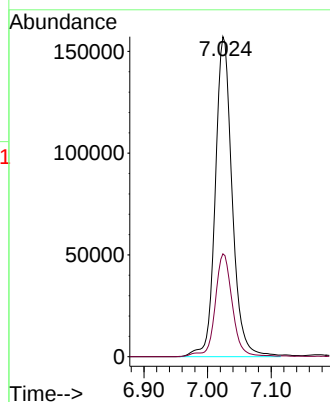
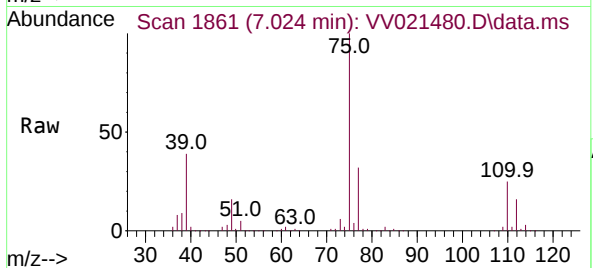


#39

cis-1,3-Dichloropropene
Concen: 50.768 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Instrument :
MSVOA_V
ClientSampled :

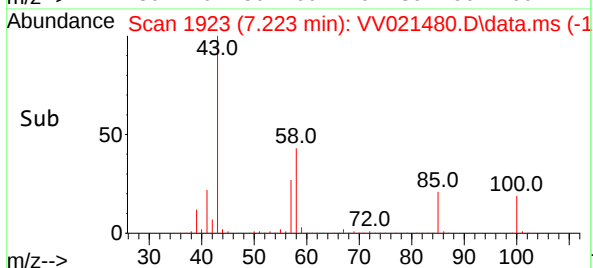
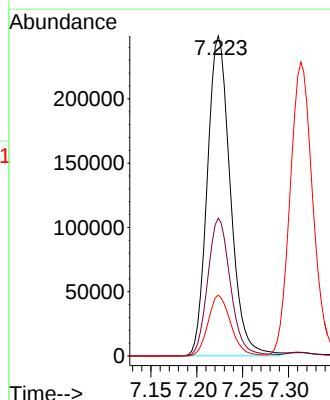
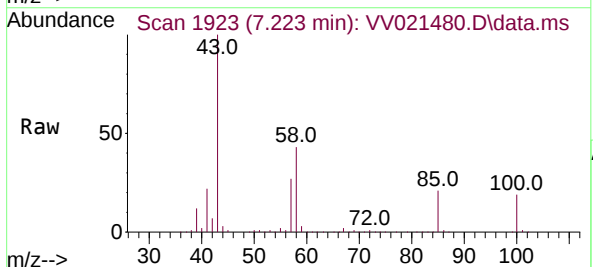
Tgt Ion: 75 Resp: 290458
Ion Ratio Lower Upper
75 100
77 32.2 22.0 41.0

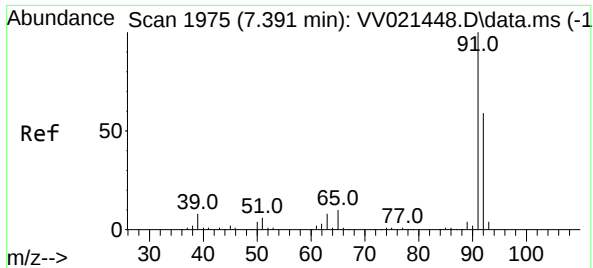


#40

4-Methyl-2-pentanone
Concen: 94.007 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 43 Resp: 433750
Ion Ratio Lower Upper
43 100
58 42.6 33.5 50.3
100 18.7 14.8 22.2

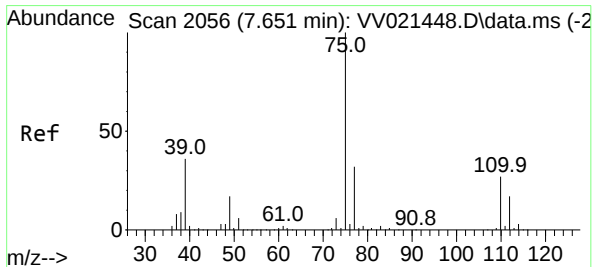
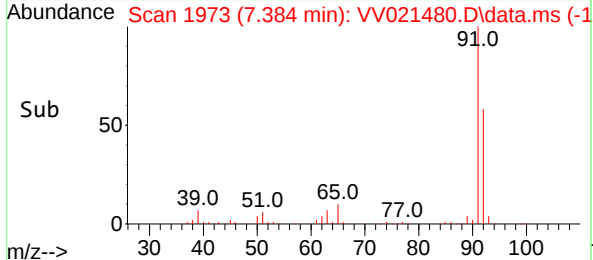
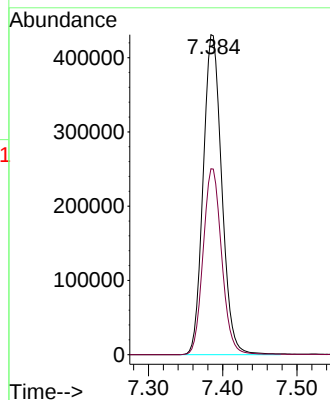
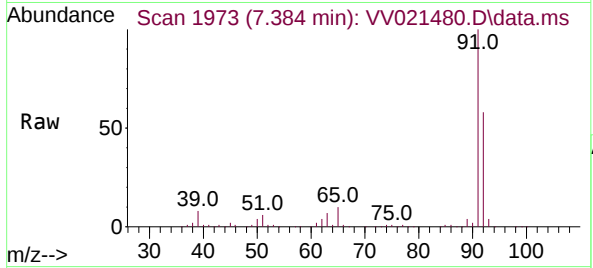




#42
Toluene
Concen: 50.571 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.006 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

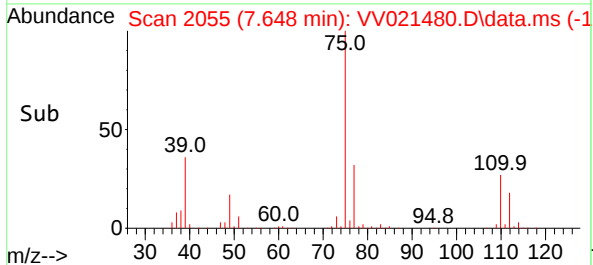
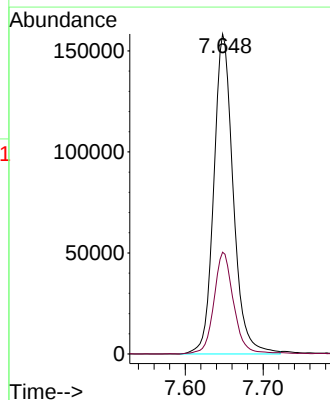
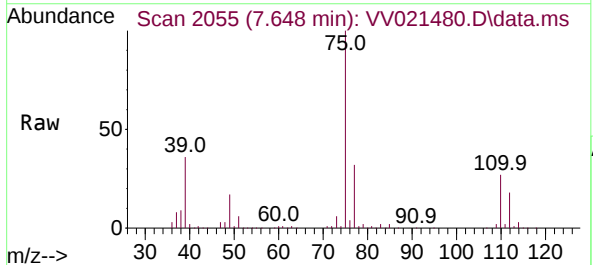
Instrument :
MSVOA_V
ClientSampled :

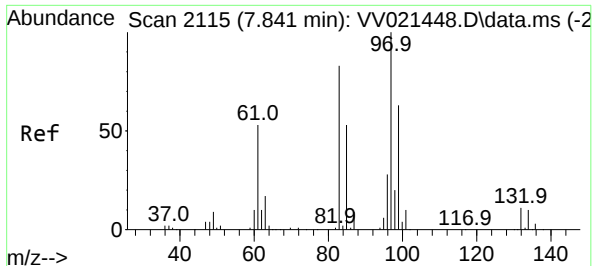
Tgt Ion: 91 Resp: 748735
Ion Ratio Lower Upper
91 100
92 58.1 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 50.697 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 75 Resp: 274396
Ion Ratio Lower Upper
75 100
77 31.8 22.9 42.5



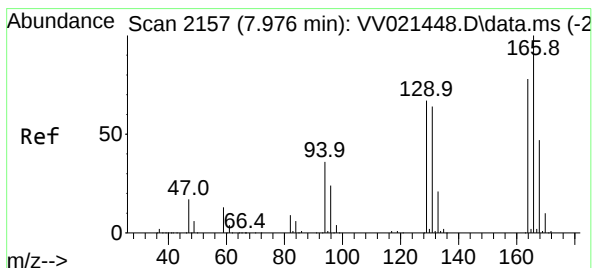
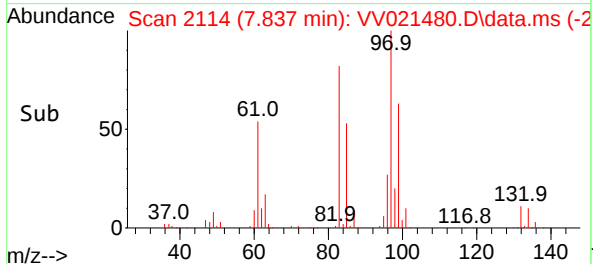
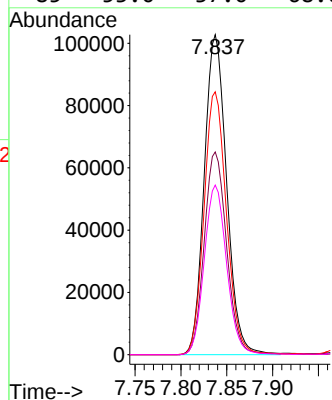
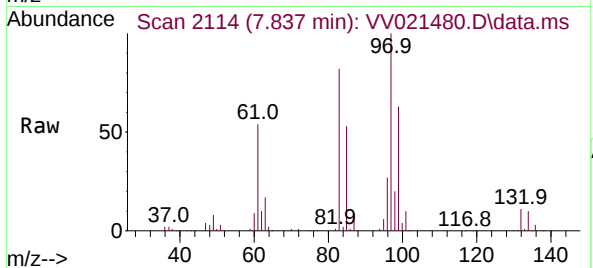


#45

1,1,2-Trichloroethane
Concen: 50.543 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Instrument :
MSVOA_V
ClientSampled :

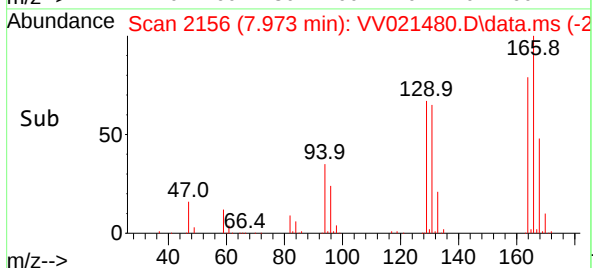
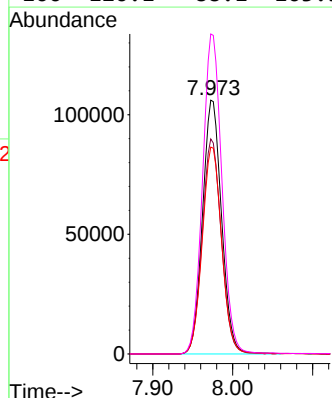
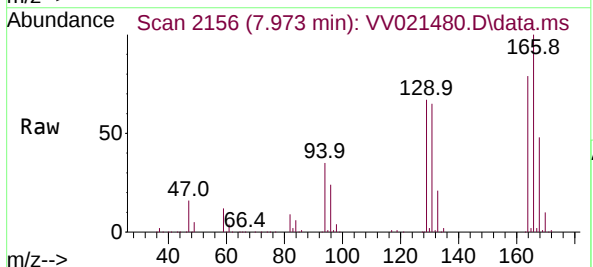
Tgt Ion:	97	Resp:	174561
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.7	81.1
83	82.1	57.1	106.1
85	53.0	37.0	68.6

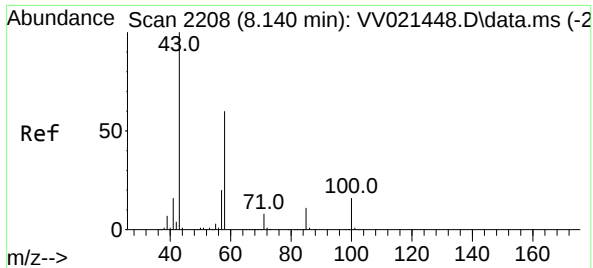


#46

Tetrachloroethene
Concen: 52.838 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:	164	Resp:	176237
Ion	Ratio	Lower	Upper
164	100		
129	84.7	60.5	112.3
131	81.5	58.7	108.9
166	126.1	88.1	163.5

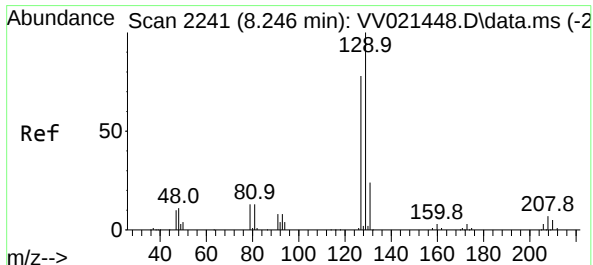
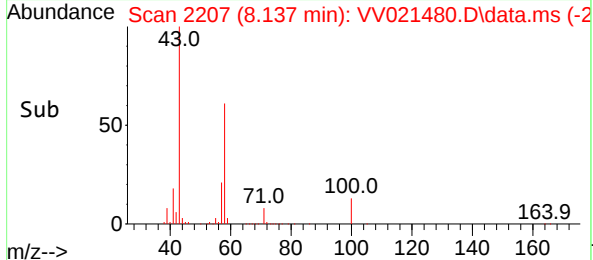
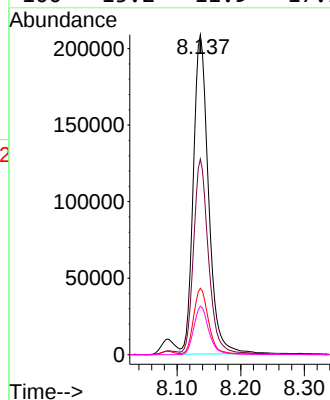
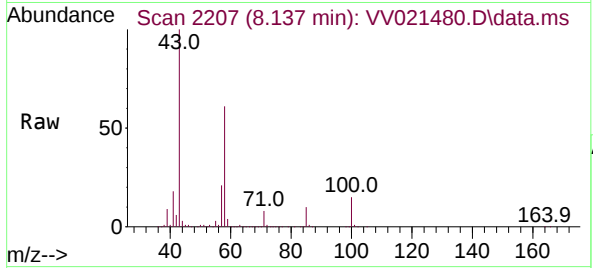




#48
2-Hexanone
Concen: 97.918 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

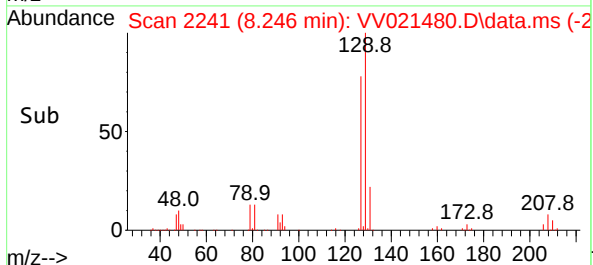
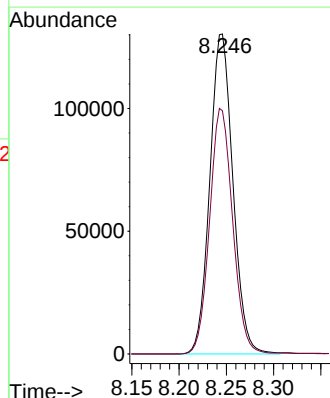
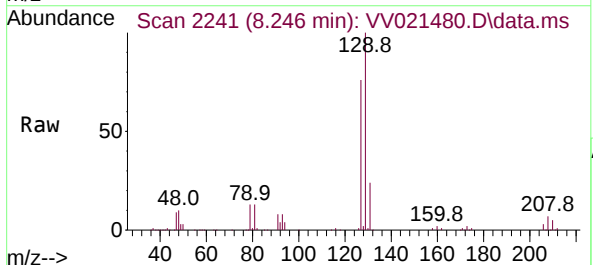
Instrument :
MSVOA_V
ClientSampled :

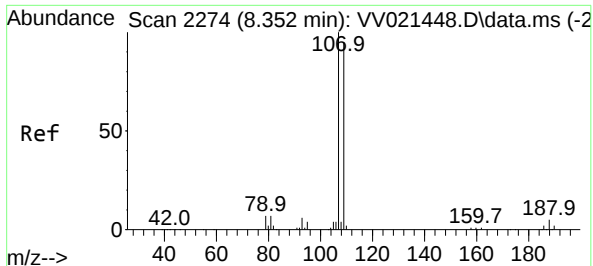
Tgt Ion:	43	Resp:	346506
Ion	Ratio	Lower	Upper
43	100		
58	60.3	47.1	70.7
57	20.1	16.0	24.0
100	15.2	11.9	17.9



#49
Dibromochloromethane
Concen: 51.189 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:	129	Resp:	221383
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.0	98.4





#50

1,2-Dibromoethane

Concen: 50.324 ug/L

RT: 8.349 min Scan# 2273

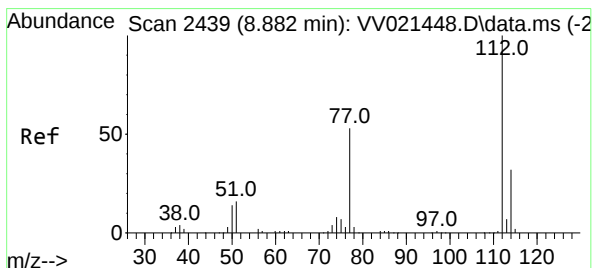
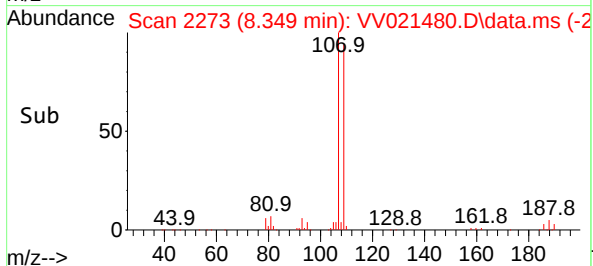
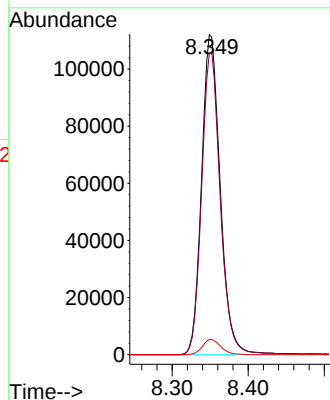
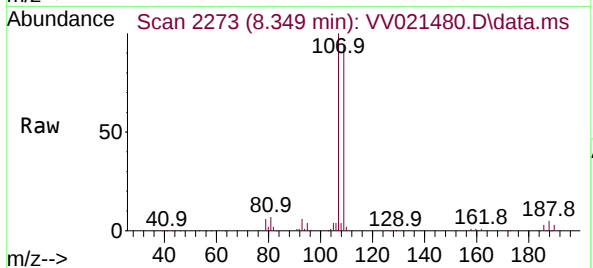
Delta R.T. -0.003 min

Lab File: VV021480.D

Acq: 03 Jun 2021 10:37

Tgt Ion:	107	Resp:	191298
Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.7	123.9
188	4.8	3.8	5.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 50.812 ug/L

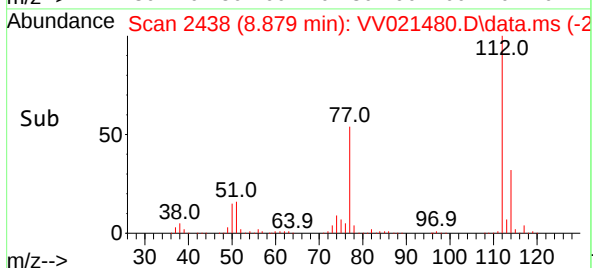
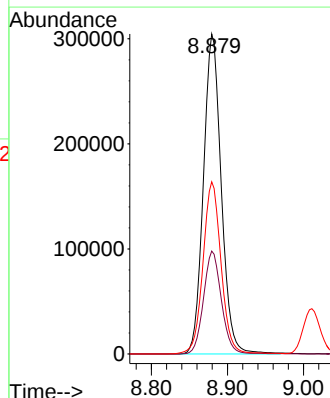
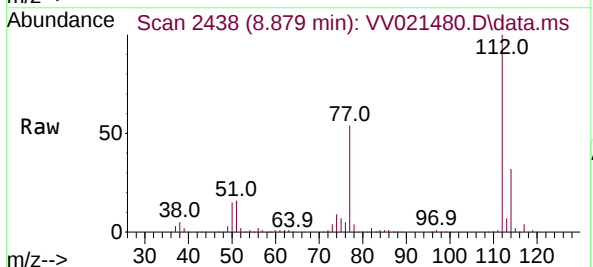
RT: 8.879 min Scan# 2438

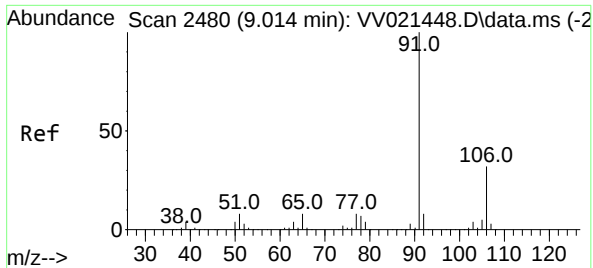
Delta R.T. -0.003 min

Lab File: VV021480.D

Acq: 03 Jun 2021 10:37

Tgt Ion:	112	Resp:	497379
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.9
77	53.8	43.8	65.6

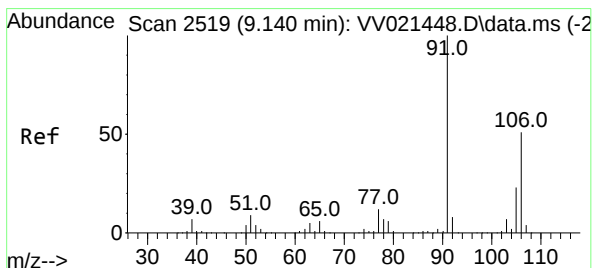
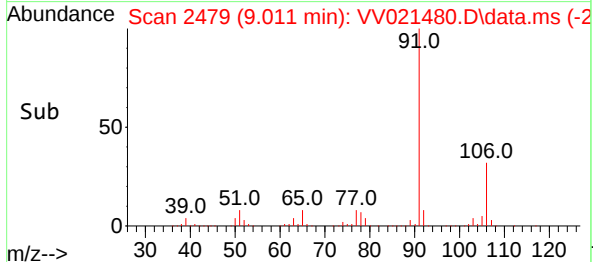
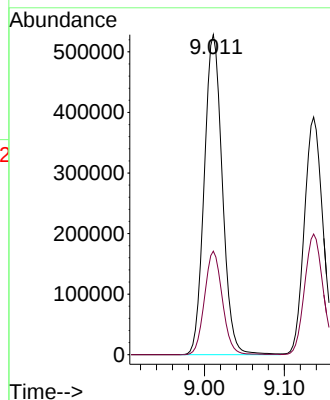
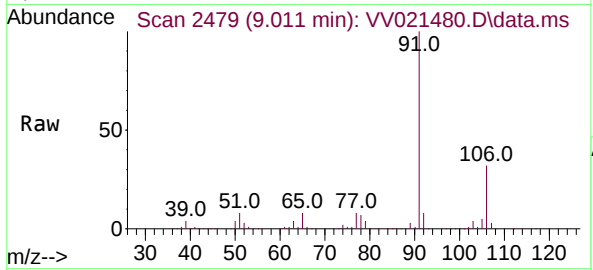




#52
Ethylbenzene
Concen: 51.201 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

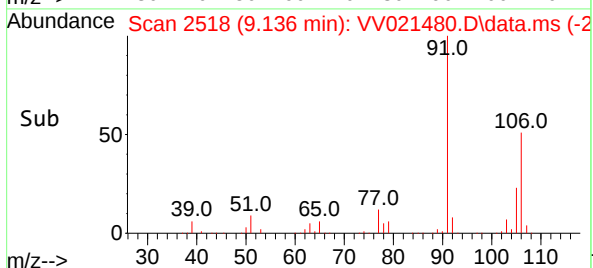
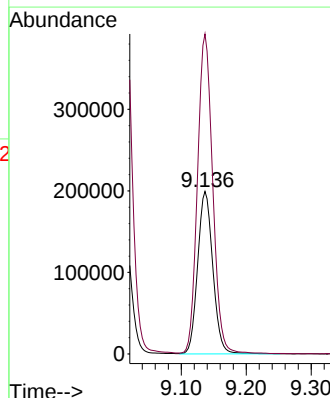
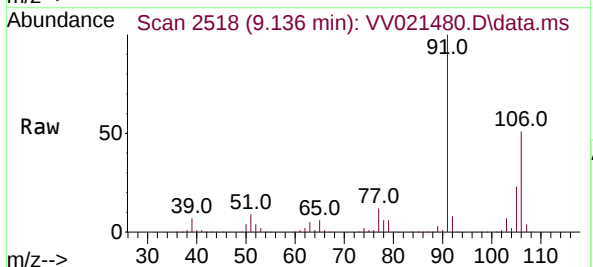
Instrument :
MSVOA_V
ClientSampleId :

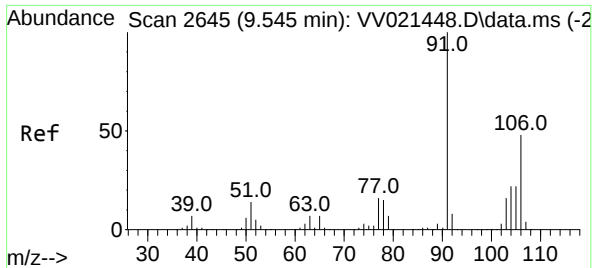
Tgt Ion: 91 Resp: 832633
Ion Ratio Lower Upper
91 100
106 32.3 22.4 41.6



#53
m,p-Xylene
Concen: 51.824 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 106 Resp: 323811
Ion Ratio Lower Upper
106 100
91 196.9 139.4 258.8

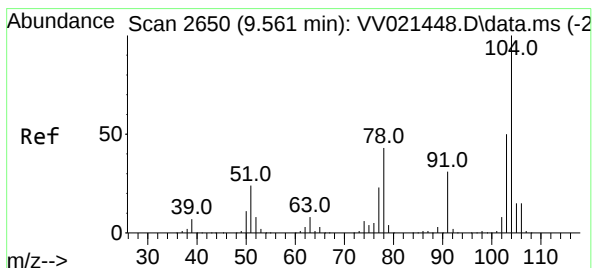
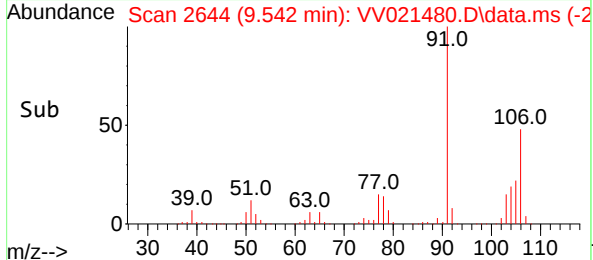
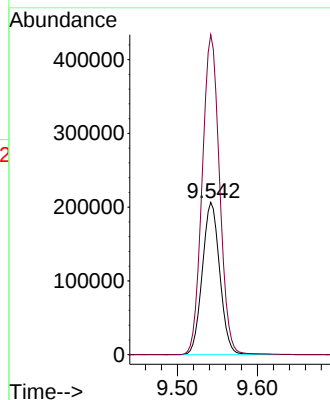
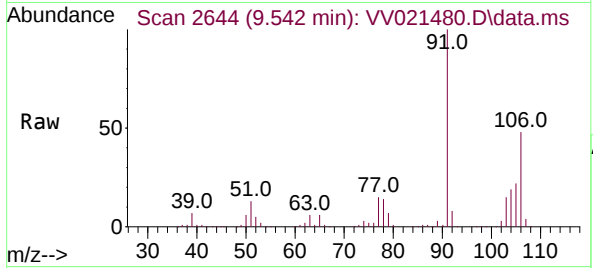




#54
o-Xylene
Concen: 50.887 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

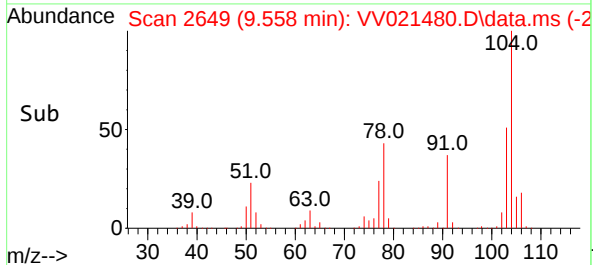
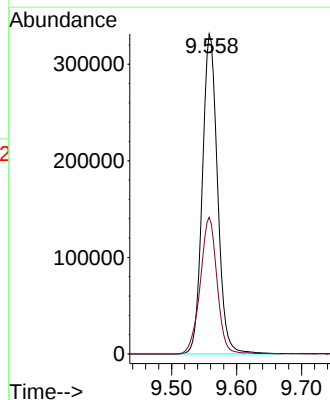
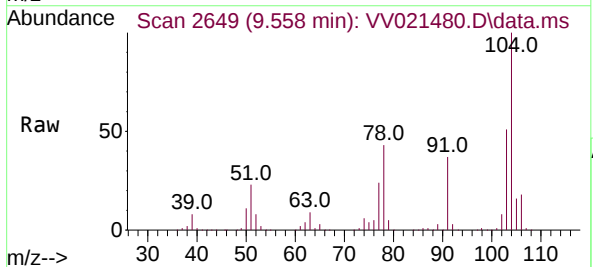
Instrument :
MSVOA_V
ClientSampled :

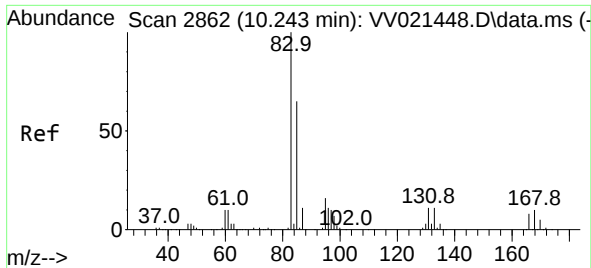
Tgt Ion:106 Resp: 313941
Ion Ratio Lower Upper
106 100
91 210.2 148.5 275.9



#55
Styrene
Concen: 50.998 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:104 Resp: 541496
Ion Ratio Lower Upper
104 100
78 42.7 30.3 56.3

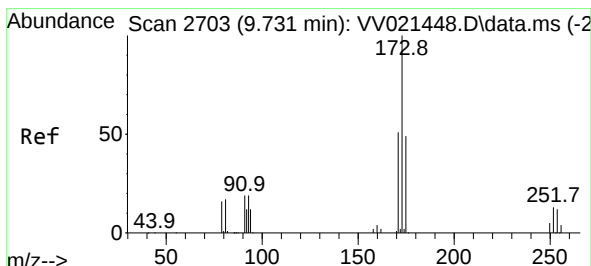
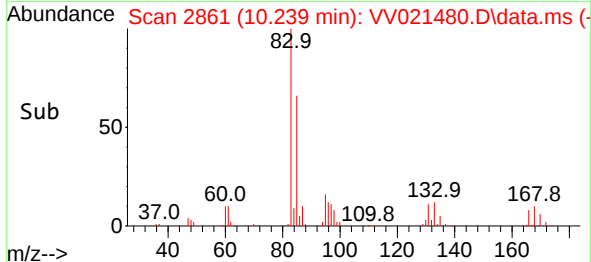
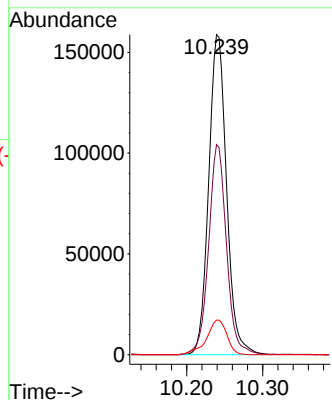
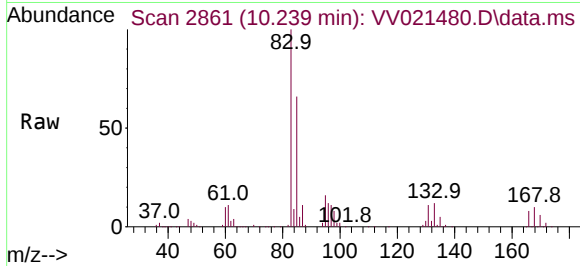




#57
1,1,2,2-Tetrachloroethane
Concen: 48.147 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

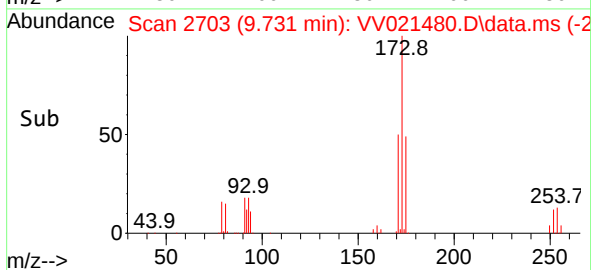
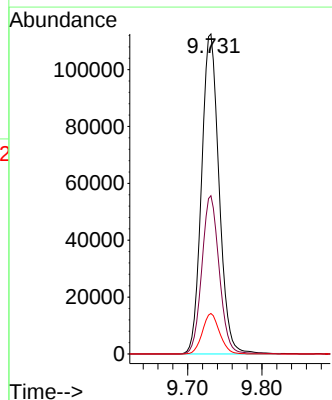
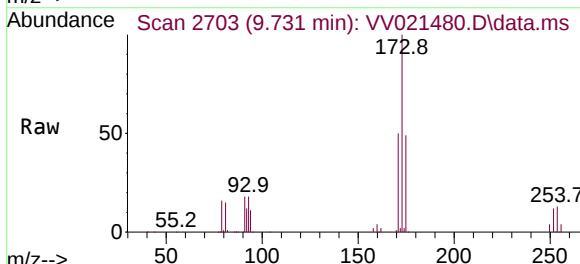
Instrument :
MSVOA_V
ClientSampleId :

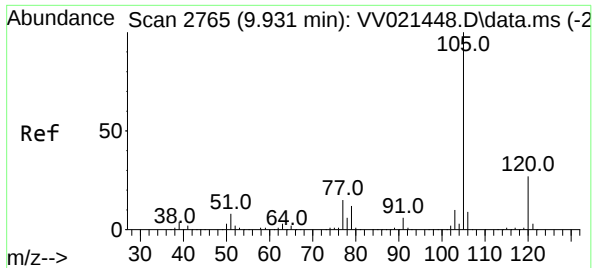
Tgt Ion: 83 Resp: 259574
Ion Ratio Lower Upper
83 100
85 65.7 45.8 85.2
131 10.8 8.7 13.1



#59
Bromoform
Concen: 49.786 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 173 Resp: 184322
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 12.4 9.8 14.8

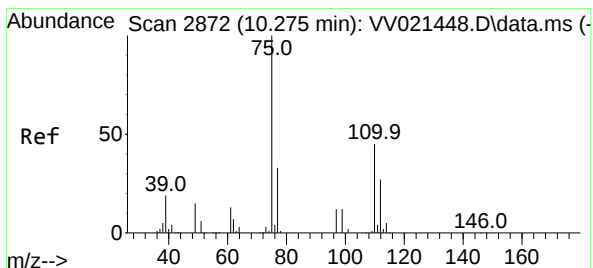
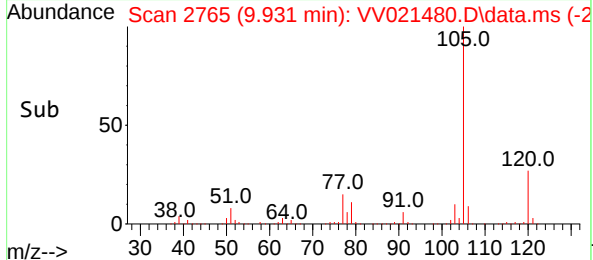
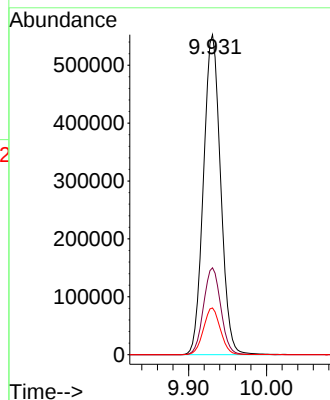
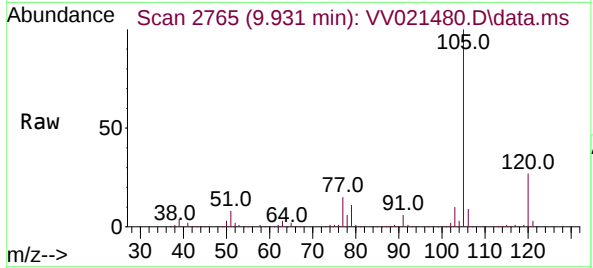




#60
Isopropylbenzene
Concen: 49.651 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

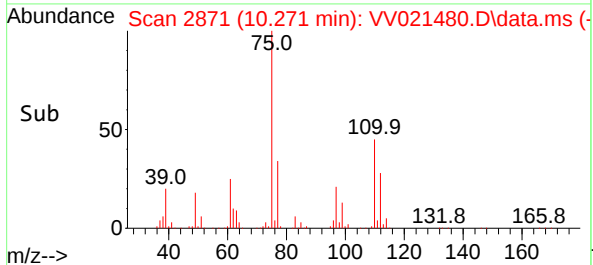
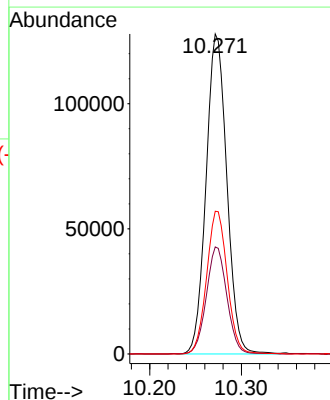
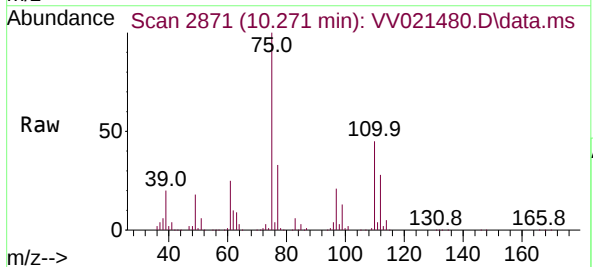
Instrument :
MSVOA_V
ClientSampled :

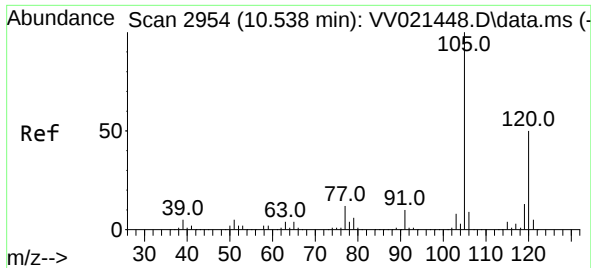
Tgt Ion:105 Resp: 844204
Ion Ratio Lower Upper
105 100
120 27.4 21.7 32.5
77 14.5 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 46.647 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion: 75 Resp: 201112
Ion Ratio Lower Upper
75 100
77 33.1 25.9 38.9
110 44.4 34.8 52.2

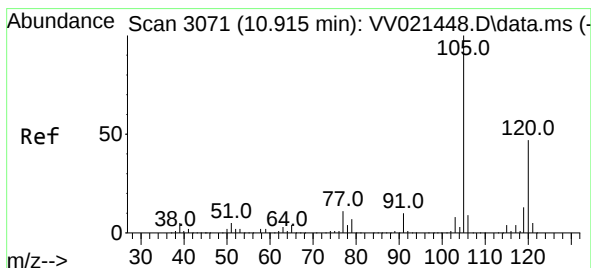
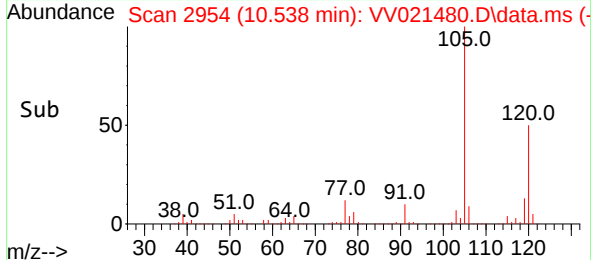
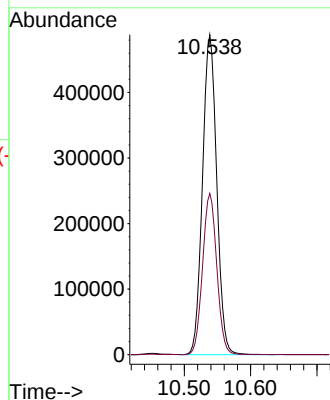
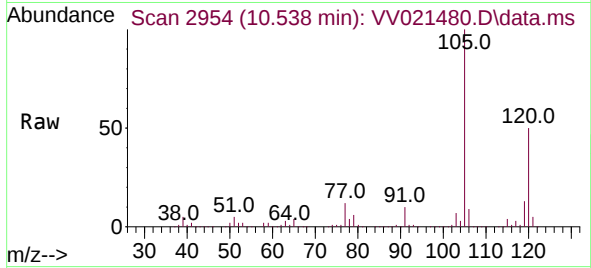




#62
1,3,5-Trimethylbenzene
Concen: 49.723 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

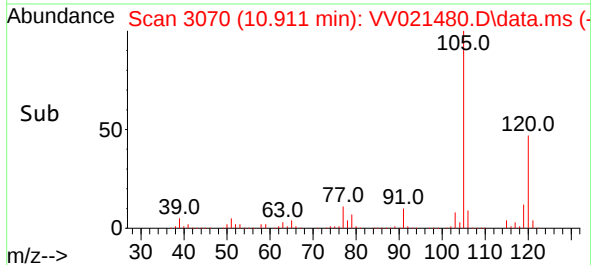
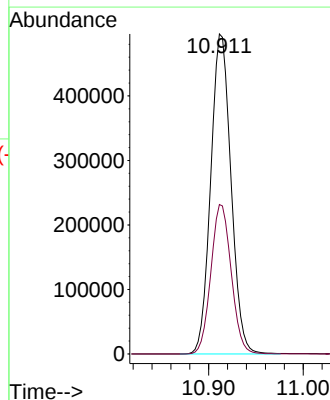
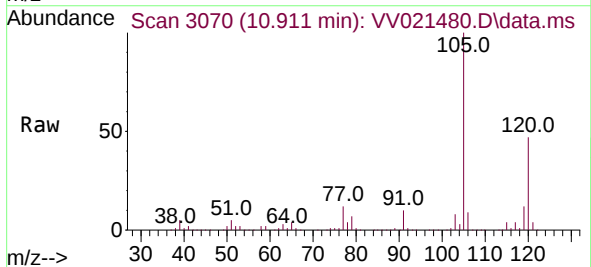
Instrument :
MSVOA_V
ClientSampled :

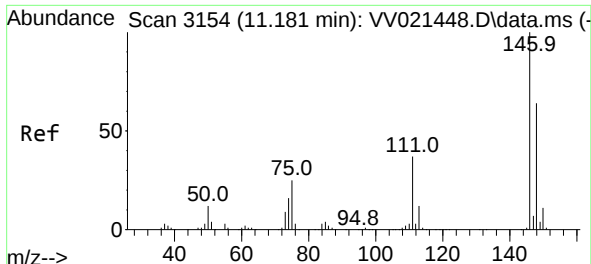
Tgt Ion:105 Resp: 727821
Ion Ratio Lower Upper
105 100
120 50.4 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 49.981 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:105 Resp: 739049
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.4

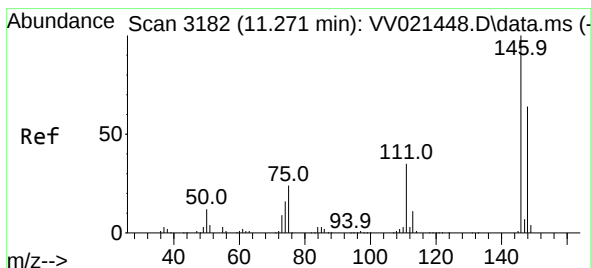
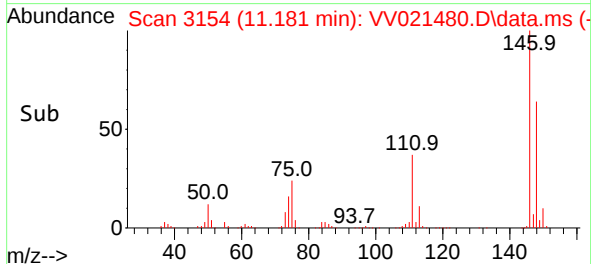
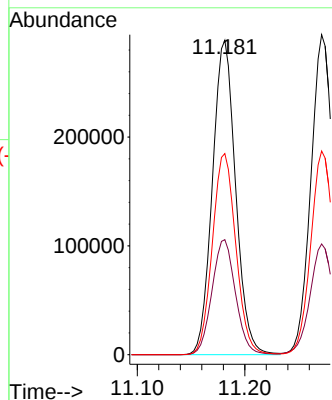
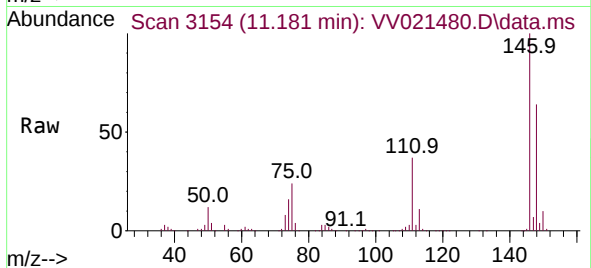




#64
1,3-Dichlorobenzene
Concen: 50.446 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

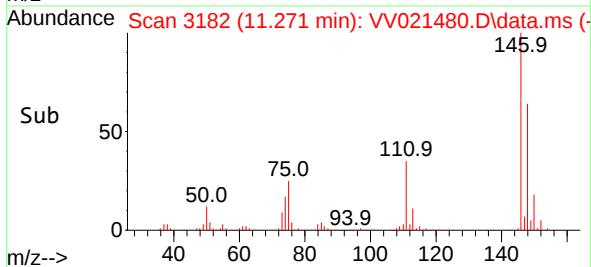
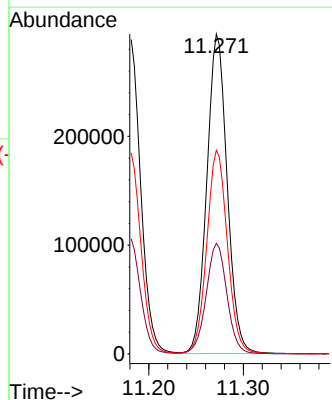
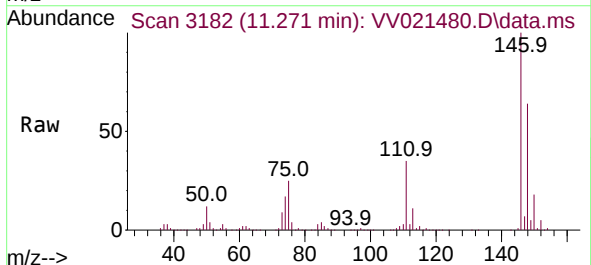
Instrument :
MSVOA_V
ClientSampled :

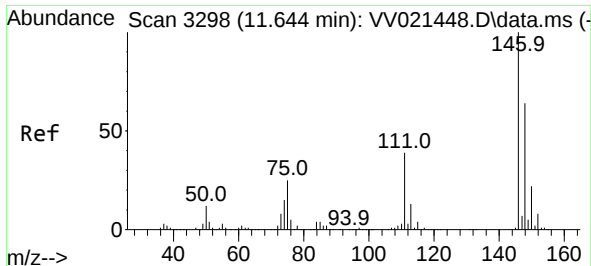
Tgt Ion:146 Resp: 433246
Ion Ratio Lower Upper
146 100
111 36.6 26.0 48.2
148 64.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 50.613 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:146 Resp: 438853
Ion Ratio Lower Upper
146 100
111 34.6 25.4 47.2
148 63.7 45.4 84.4

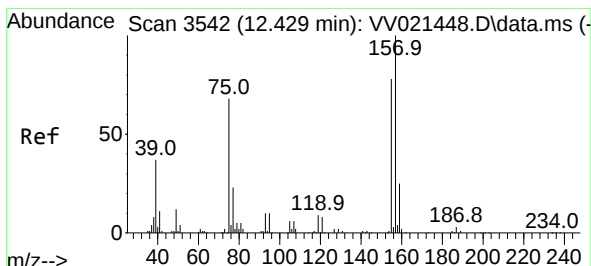
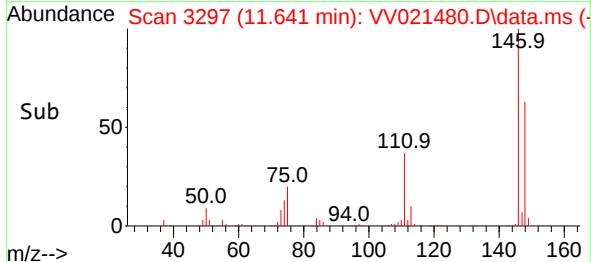
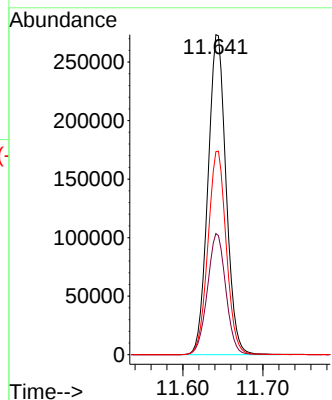
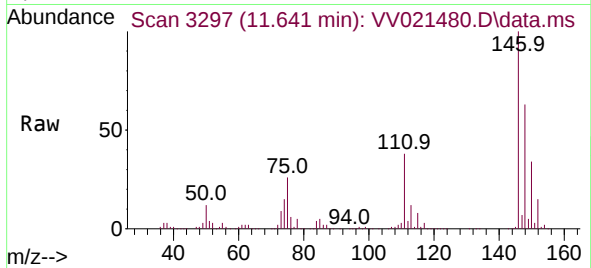




#67
1,2-Dichlorobenzene
Concen: 50.076 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

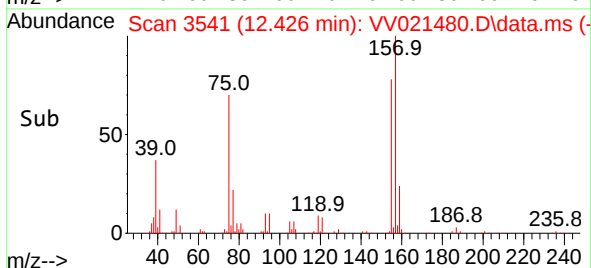
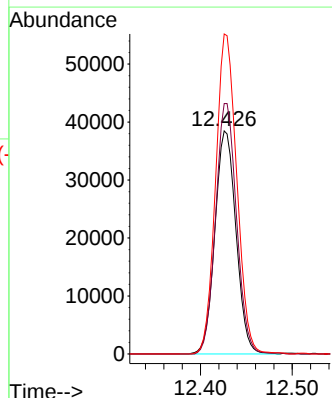
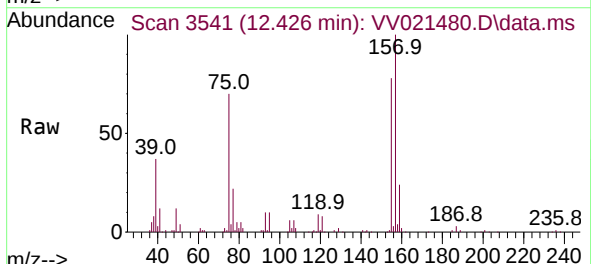
Instrument :
MSVOA_V
ClientSampled :

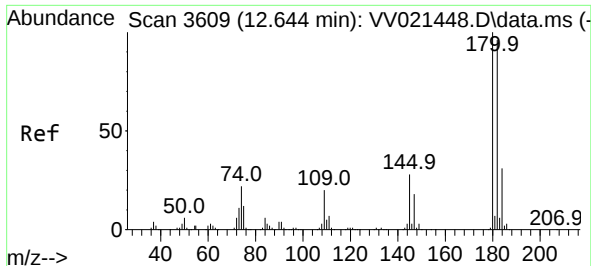
Tgt Ion:146 Resp: 430623
Ion Ratio Lower Upper
146 100
111 37.9 30.8 46.2
148 63.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 45.737 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

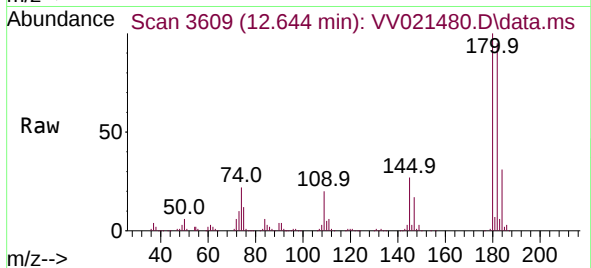
Tgt Ion: 75 Resp: 61430
Ion Ratio Lower Upper
75 100
155 112.2 89.7 134.5
157 143.5 113.2 169.8



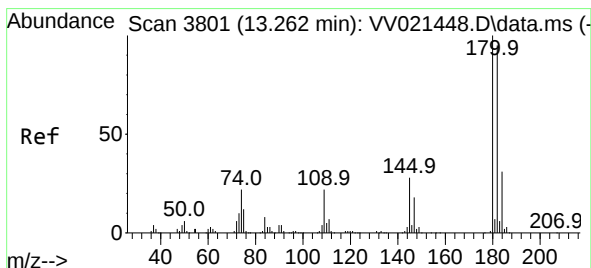
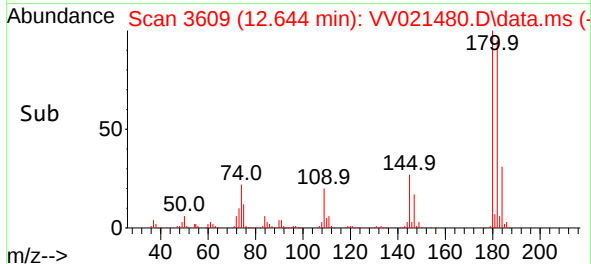
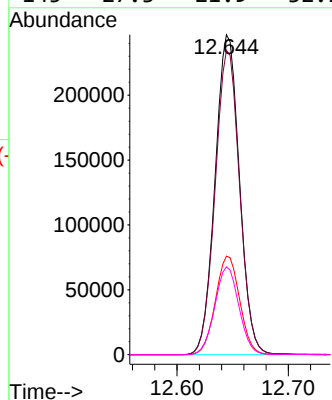


#69
1,3,5-Trichlorobenzene
Concen: 51.687 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Instrument :
MSVOA_V
ClientSampled :

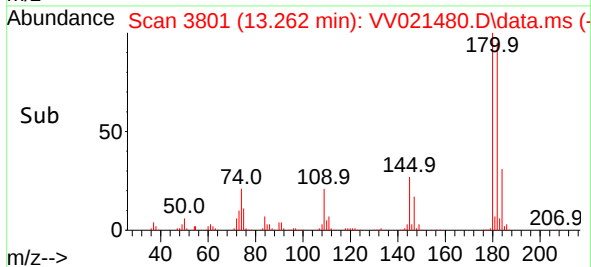
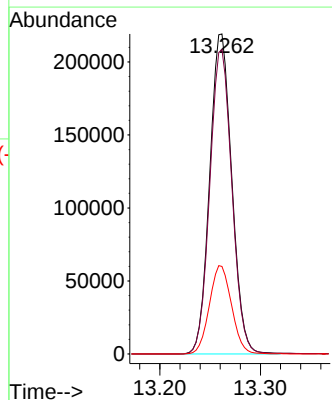
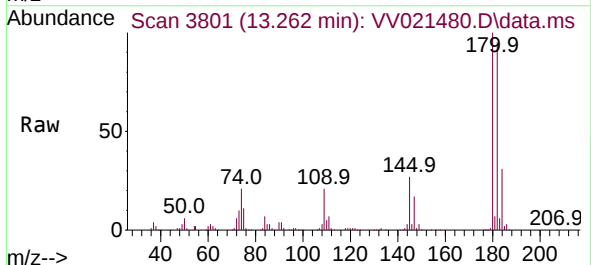


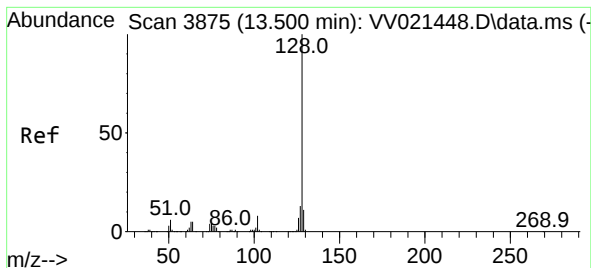
Tgt Ion:180 Resp: 374474
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
184 30.7 24.3 36.5
145 27.3 21.9 32.9



#70
1,2,4-trichlorobenzene
Concen: 51.724 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:180 Resp: 334782
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 27.6 21.8 32.8

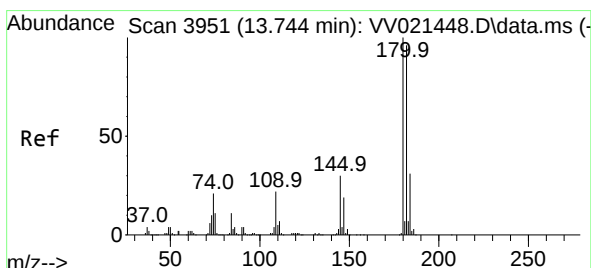
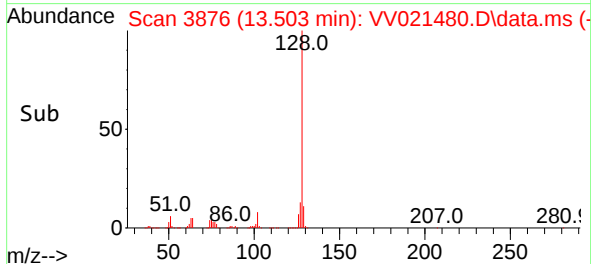
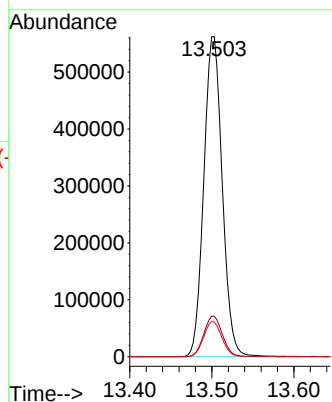
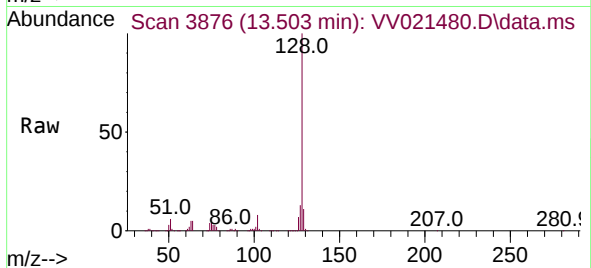




#71
Naphthalene
Concen: 49.111 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 876802
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.290 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021480.D
Acq: 03 Jun 2021 10:37

Tgt Ion:180 Resp: 323133
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 29.7 24.0 36.0

