

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102821\
 Data File : VV023090.D
 Acq On : 28 Oct 2021 21:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 02:17:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	282512	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	277287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	155985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89663	46.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.100%
7) Chloroethane-d5	1.565	69	68080	44.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.660%
11) 1,1-Dichloroethene-d2	2.111	63	170899	46.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.680%
21) 2-Butanone-d5	3.880	46	156481	107.274	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.270%
24) Chloroform-d	4.352	84	199880	48.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
26) 1,2-Dichloroethane-d4	5.034	65	122284	50.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
32) Benzene-d6	5.053	84	375971	49.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	119553	49.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.317	98	350641	50.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.622	79	56784	48.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.000%
47) 2-Hexanone-d5	8.088	63	114797	109.305	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.310%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179302	50.734	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	11.625	152	145446	48.339	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129921	48.376	ug/L	99
3) Chloromethane	1.240	50	119453	47.157	ug/L	99
5) Vinyl chloride	1.311	62	119570	47.239	ug/L	99
6) Bromomethane	1.520	94	68395	48.098	ug/L	98
8) Chloroethane	1.584	64	69441	45.062	ug/L	97
9) Trichlorofluoromethane	1.751	101	185301	48.238	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	94260	46.221	ug/L	99
12) 1,1-Dichloroethene	2.118	96	89294	47.187	ug/L	91
13) Acetone	2.429	43	112911	78.093	ug/L	100
14) Carbon disulfide	2.294	76	275220	48.633	ug/L	99
15) Methyl Acetate	2.429	43	122663	51.112	ug/L	100
16) Methylene chloride	2.507	84	118316	48.807	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	107372	49.718	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	335380	51.712	ug/L	99
19) 1,1-Dichloroethane	3.191	63	197574	49.102	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	117495	50.897	ug/L	100
22) 2-Butanone	3.963	43	169674	102.961	ug/L	98
23) Bromochloromethane	4.249	128	64130	49.294	ug/L	97
25) Chloroform	4.378	83	206570	49.921	ug/L	97

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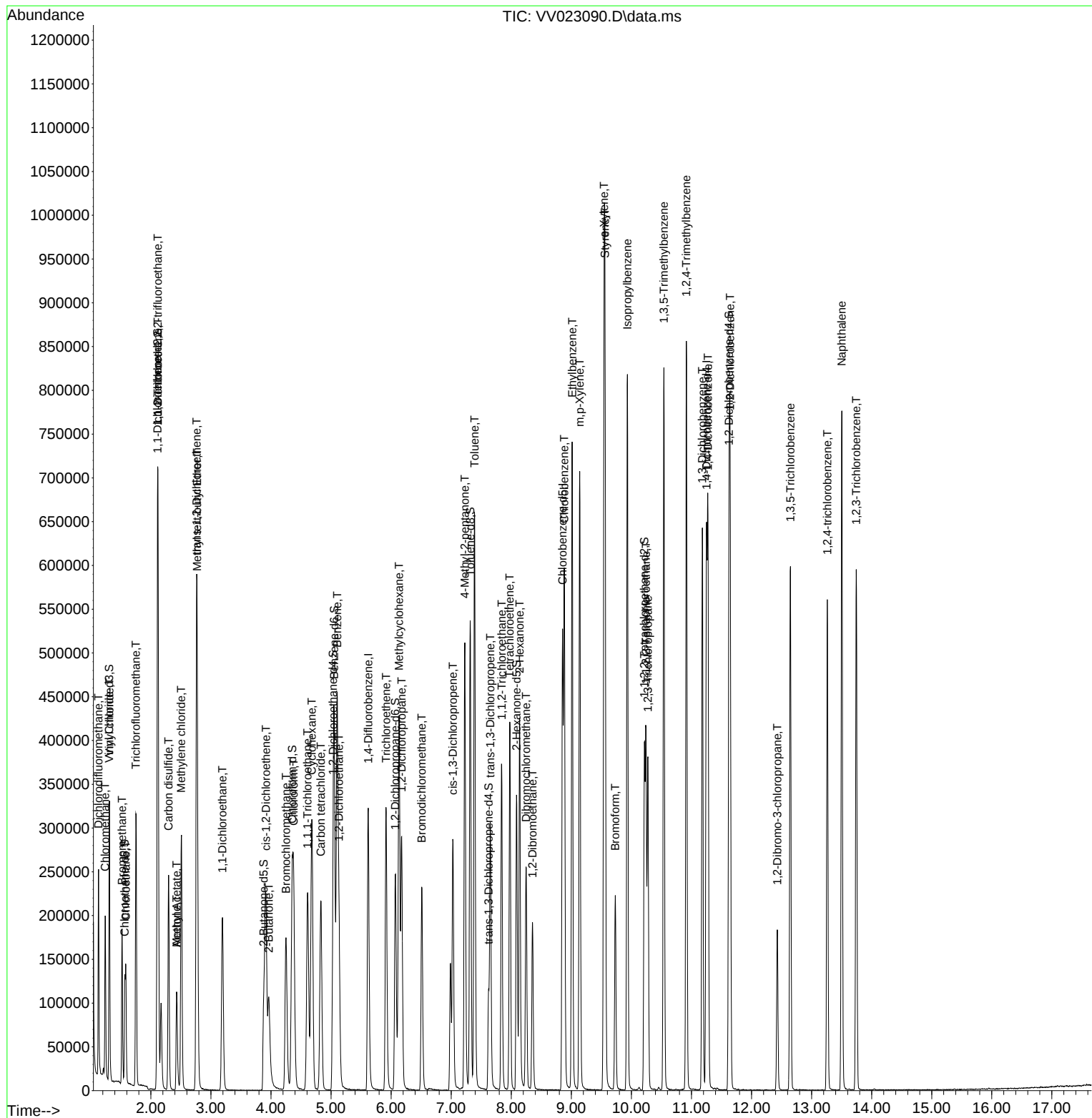
Quant Time: Oct 29 02:17:29 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

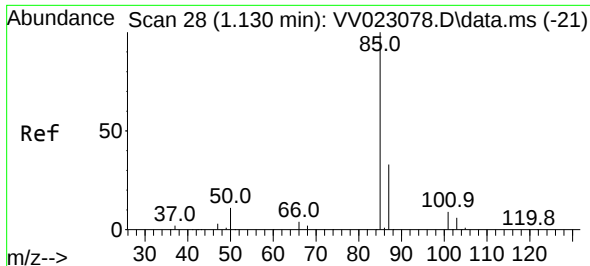
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	154274	49.668	ug/L	99
29) Cyclohexane	4.680	56	164757	50.903	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	183936	49.780	ug/L	99
31) Carbon tetrachloride	4.831	117	162012	48.783	ug/L	99
33) Benzene	5.101	78	446654	51.707	ug/L	100
34) Trichloroethene	5.915	95	111837	49.547	ug/L	99
35) Methylcyclohexane	6.133	83	175301	49.836	ug/L	98
37) 1,2-Dichloropropane	6.175	63	113027	49.789	ug/L	99
38) Bromodichloromethane	6.510	83	151787	49.401	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	168165	48.844	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	324274	110.753	ug/L	100
42) Toluene	7.387	91	482075	52.144	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	170317	51.024	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	113933	49.152	ug/L	98
46) Tetrachloroethene	7.976	164	93800	48.200	ug/L	98
48) 2-Hexanone	8.140	43	255753	110.016	ug/L	98
49) Dibromochloromethane	8.246	129	131676	49.714	ug/L	99
50) 1,2-Dibromoethane	8.352	107	124676	51.066	ug/L	97
51) Chlorobenzene	8.883	112	308417	49.387	ug/L	100
52) Ethylbenzene	9.014	91	505593	51.400	ug/L	99
53) m,p-Xylene	9.140	106	197831	52.174	ug/L	94
54) o-Xylene	9.545	106	192607	52.189	ug/L	95
55) Styrene	9.561	104	346369	53.998	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	187064	50.605	ug/L	100
59) Bromoform	9.731	173	99307	50.331	ug/L	100
60) Isopropylbenzene	9.934	105	512493	51.428	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	147445	50.436	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	428853	52.252	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	437395	53.087	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	251398	49.903	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	252977	48.212	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	253780	49.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41660	51.059	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	186668	48.988	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	165068	49.985	ug/L	99
71) Naphthalene	13.503	128	583482	55.031	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	177312	50.795	ug/L	100

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

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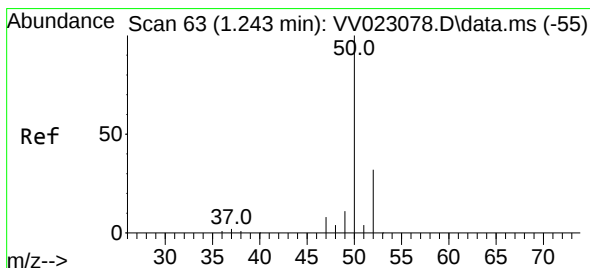
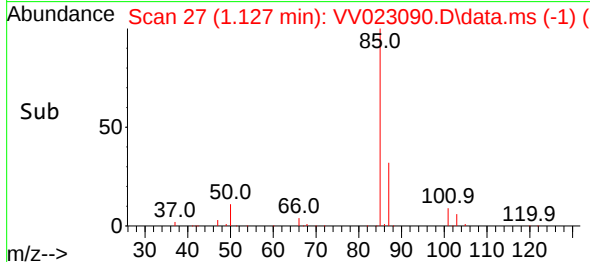
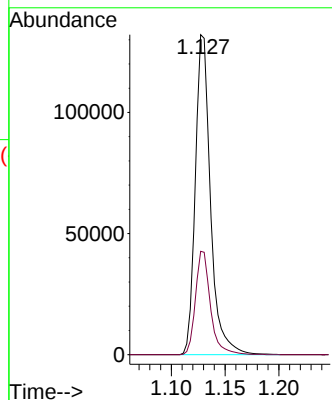
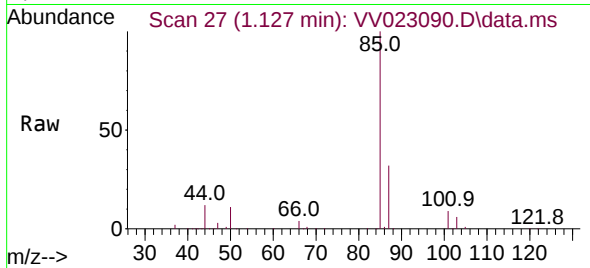




#2
 Dichlorodifluoromethane
 Concen: 48.376 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

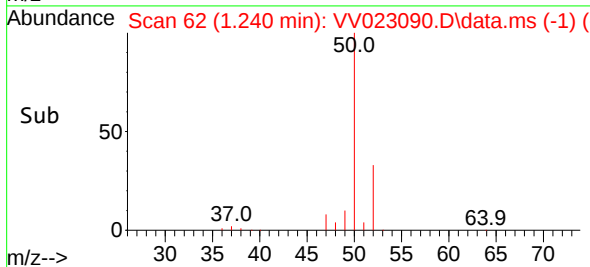
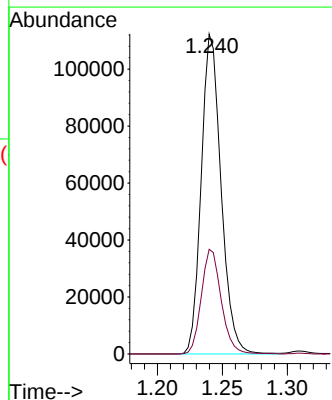
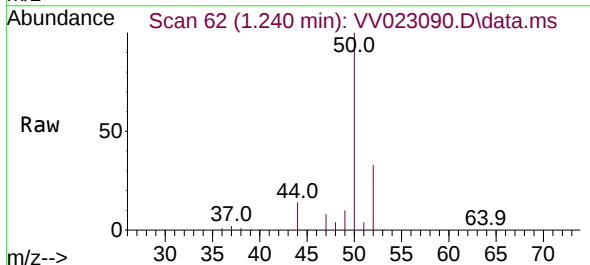
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 ClientSampled :

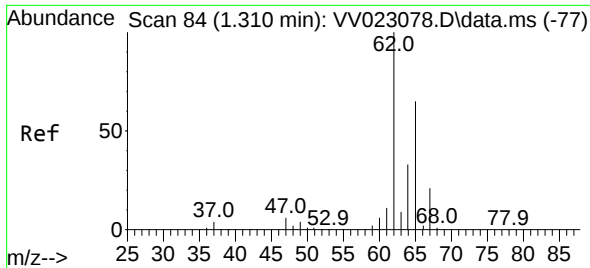
Tgt Ion: 85 Resp: 129921
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.2



#3
 Chloromethane
 Concen: 47.157 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

Tgt Ion: 50 Resp: 119453
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9

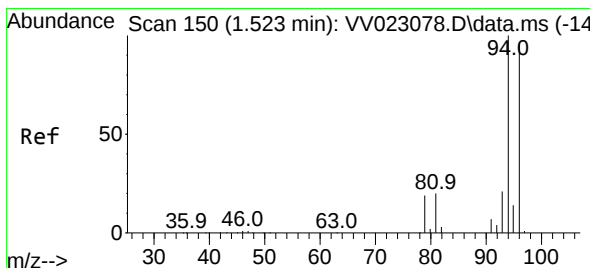
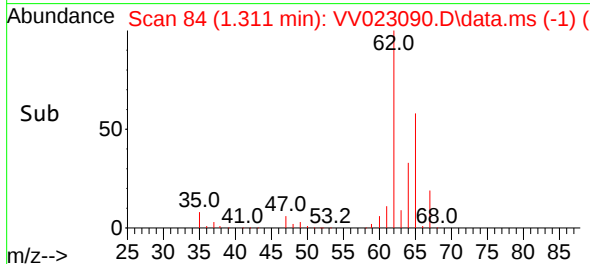
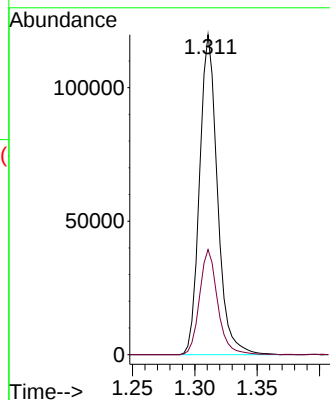
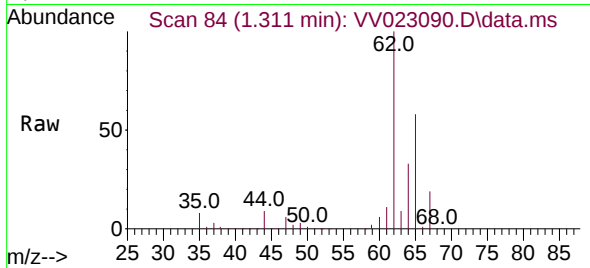




#5
 Vinyl chloride
 Concen: 47.239 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

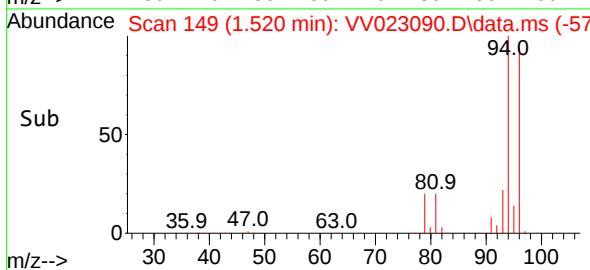
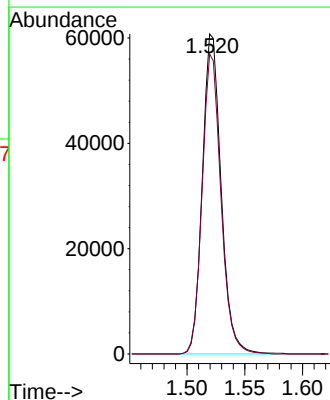
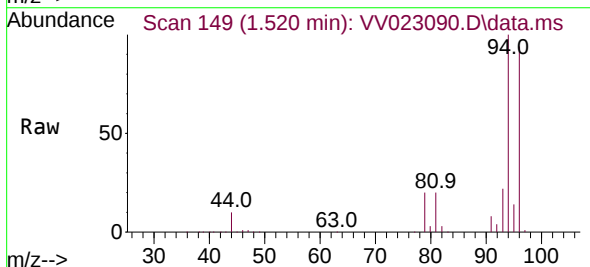
Instrument :
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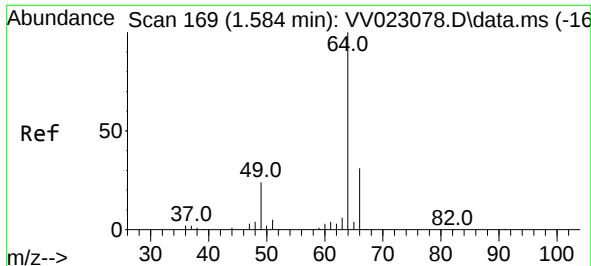
Tgt Ion: 62 Resp: 119570
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 48.098 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

Tgt Ion: 94 Resp: 68395
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.8 124.2

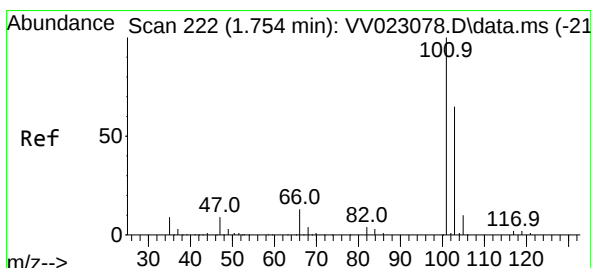
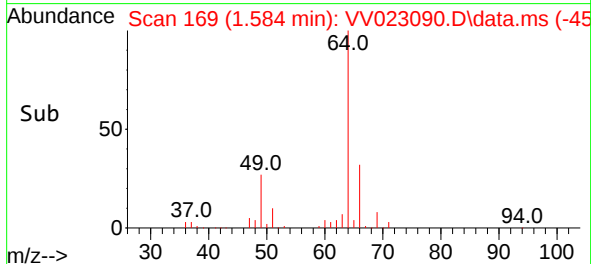
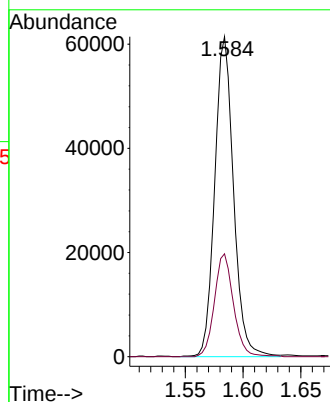
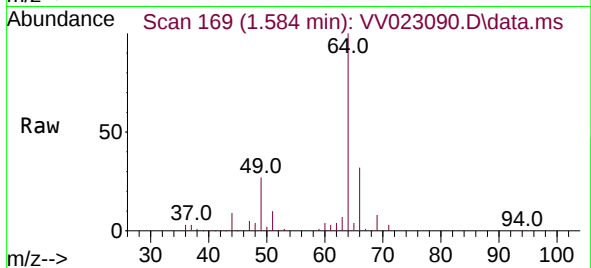




#8
Chloroethane
Concen: 45.062 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

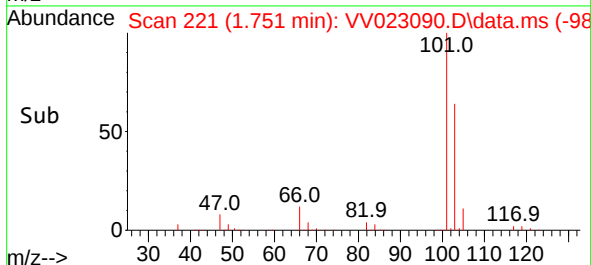
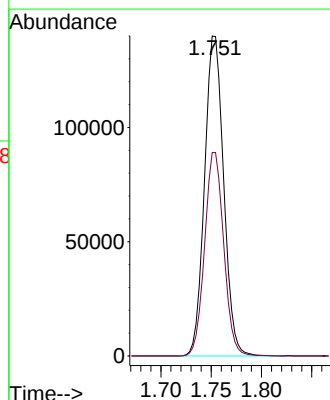
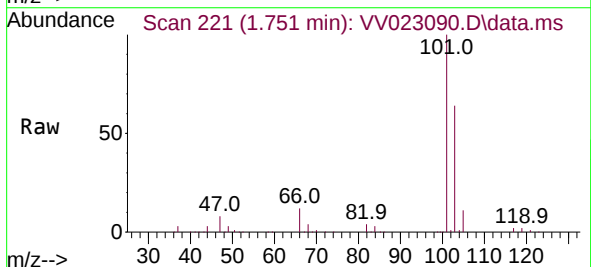
Instrument :
MSVOA_V
ClientSampled :

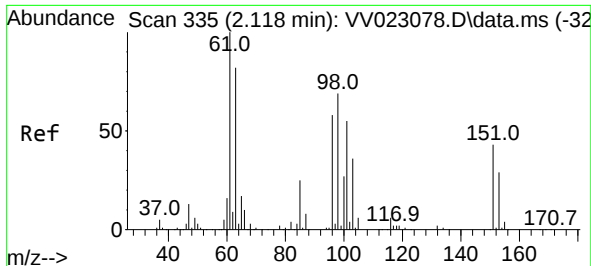
Tgt Ion: 64 Resp: 69441
Ion Ratio Lower Upper
64 100
66 32.2 21.3 39.6



#9
Trichlorofluoromethane
Concen: 48.238 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 101 Resp: 185301
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2

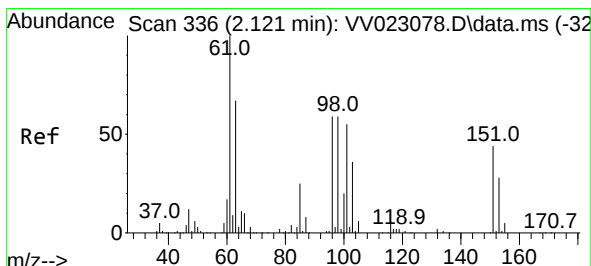
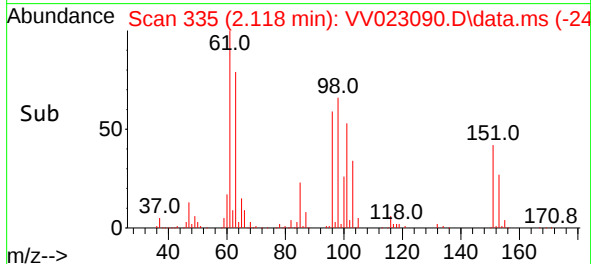
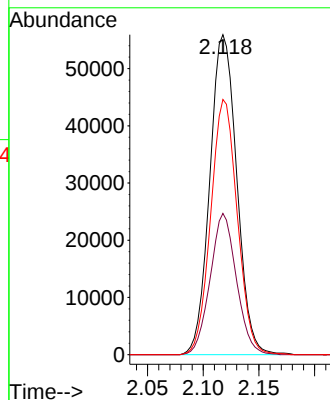
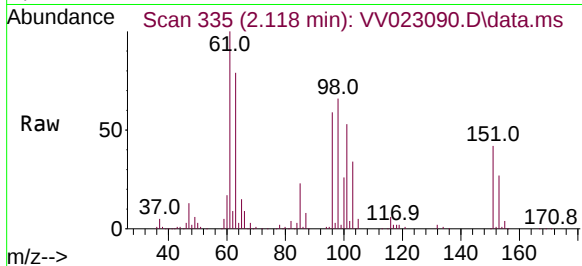




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.221 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

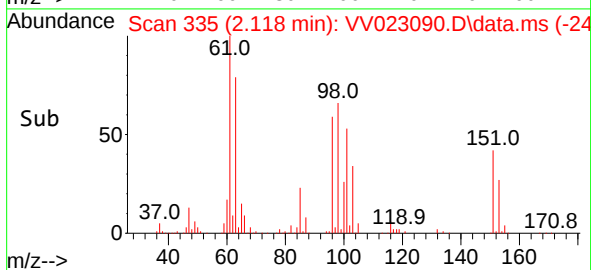
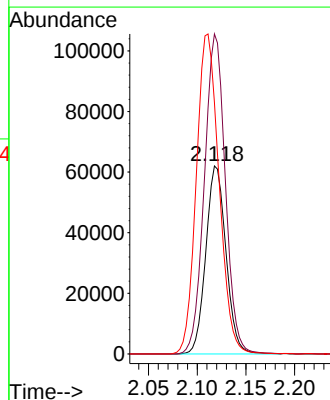
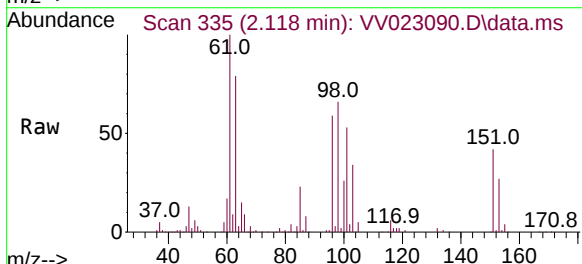
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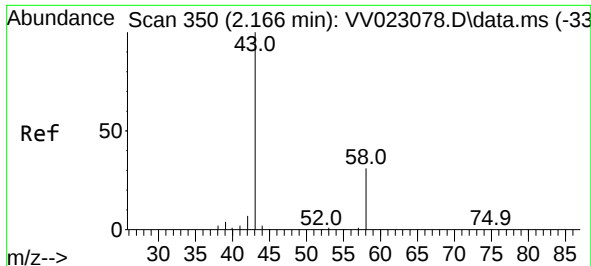
Tgt Ion:101 Resp: 94260
Ion Ratio Lower Upper
101 100
85 42.9 35.1 52.7
151 78.6 63.4 95.2



#12
1,1-Dichloroethene
Concen: 47.187 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 96 Resp: 89294
Ion Ratio Lower Upper
96 100
61 170.3 117.7 218.7
63 133.7 79.2 147.2

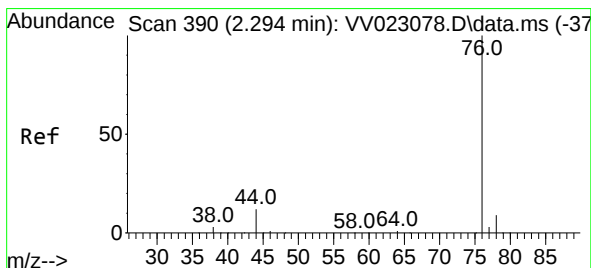
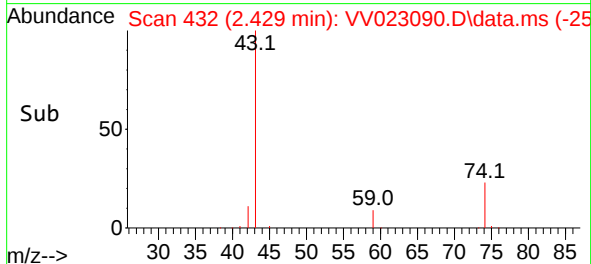
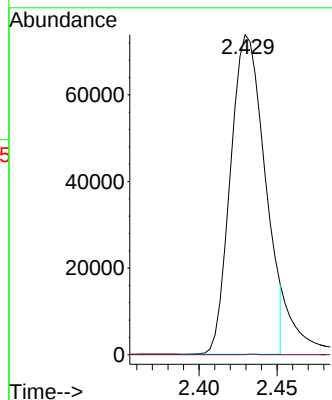
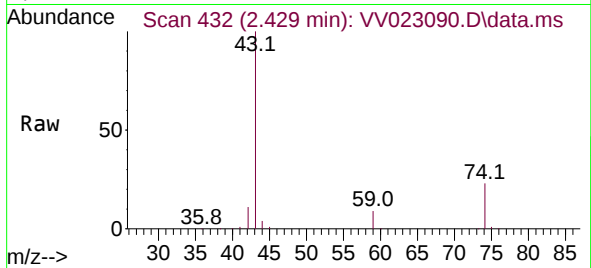




#13
Acetone
Concen: 78.093 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.264 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

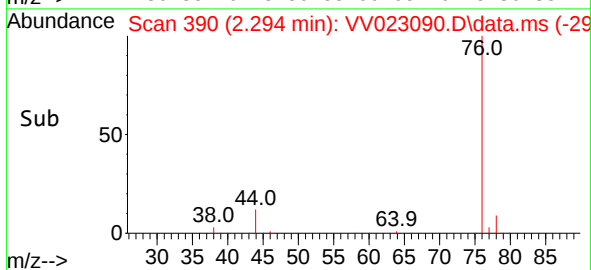
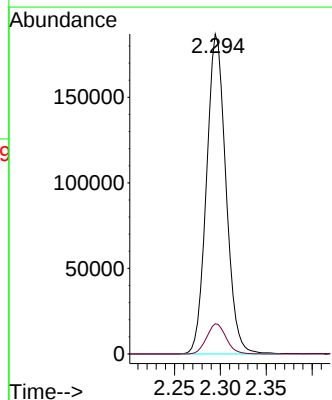
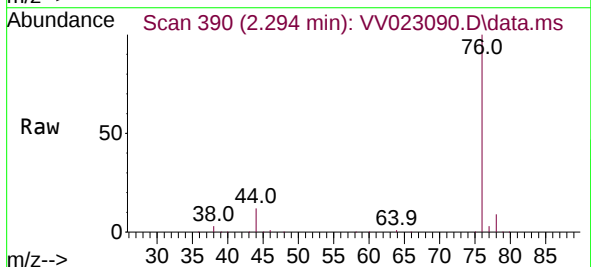
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ClientSampled :

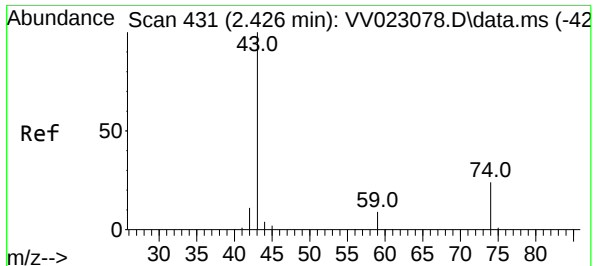
Tgt Ion: 43 Resp: 112911
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 48.633 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 76 Resp: 275220
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

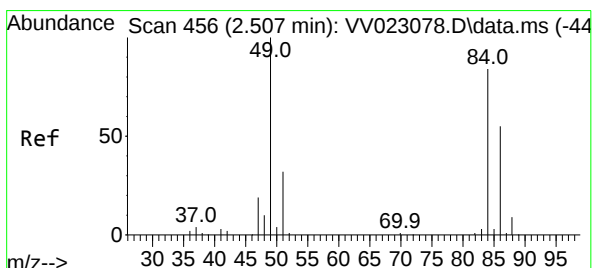
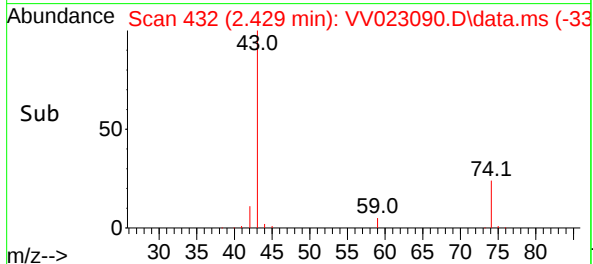
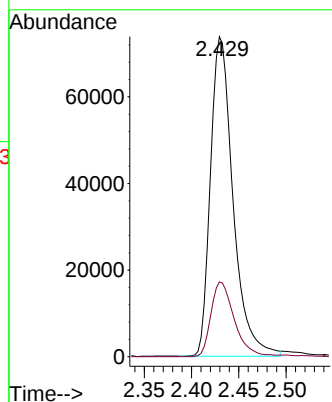
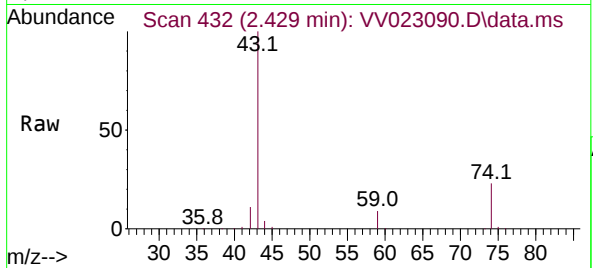




#15
Methyl Acetate
Concen: 51.112 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

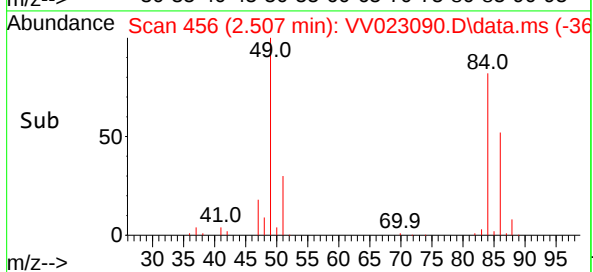
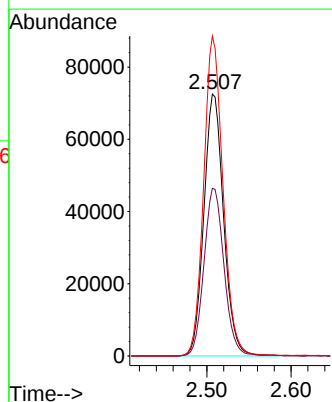
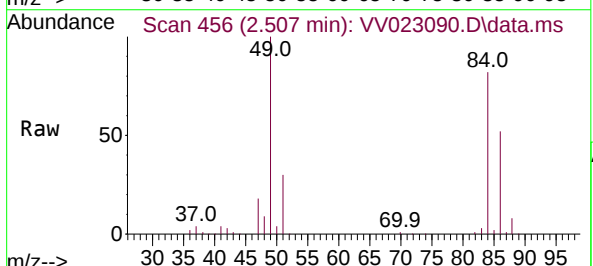
Instrument :
MSVOA_V
ClientSampled :

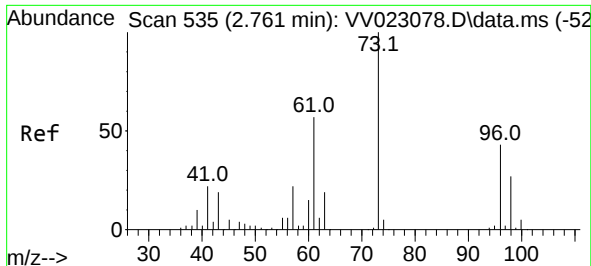
Tgt Ion: 43 Resp: 122663
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2



#16
Methylene chloride
Concen: 48.807 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 84 Resp: 118316
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 122.2 83.0 154.1

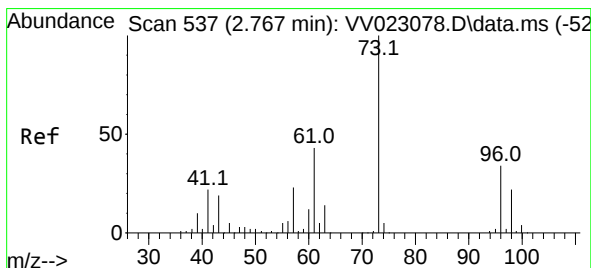
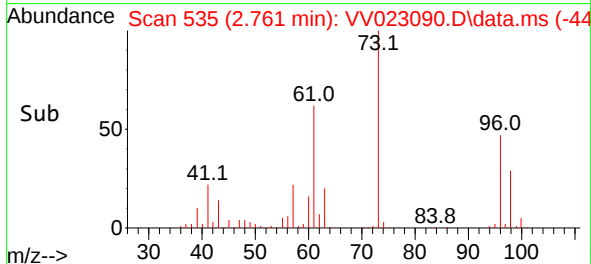
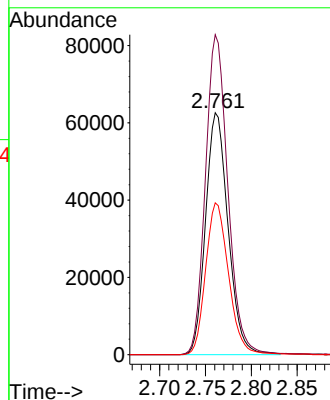
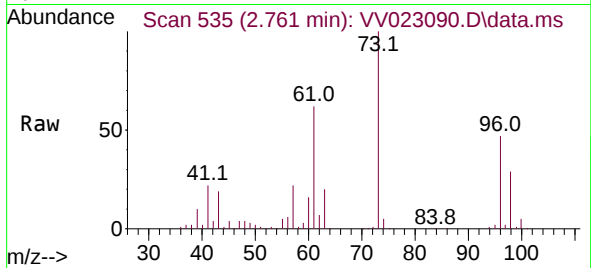




#17
trans-1,2-Dichloroethene
Concen: 49.718 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

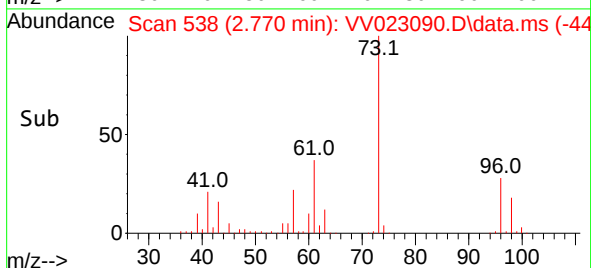
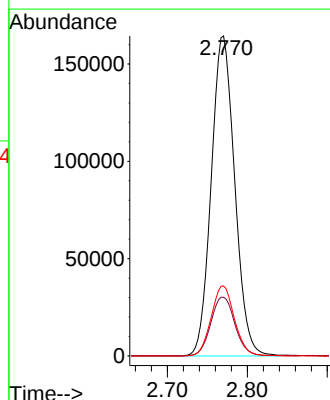
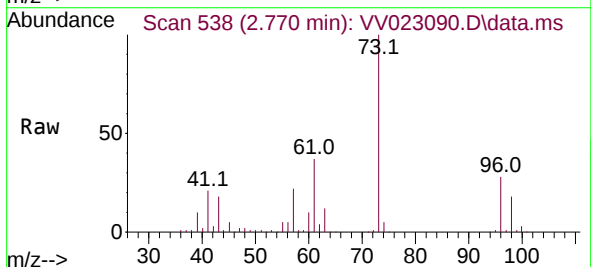
Instrument :
MSVOA_V
ClientSampled :

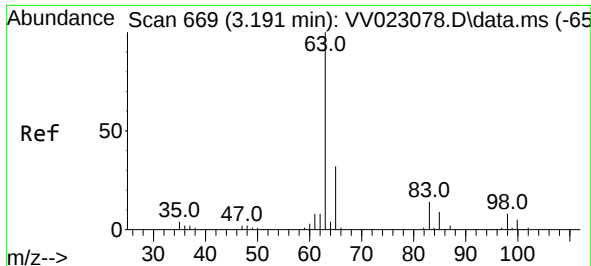
Tgt Ion: 96 Resp: 107372
Ion Ratio Lower Upper
96 100
61 132.2 92.2 171.2
98 62.8 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 51.712 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 73 Resp: 335380
Ion Ratio Lower Upper
73 100
43 19.1 14.9 22.3
57 21.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 49.102 ug/L

RT: 3.191 min Scan# 669

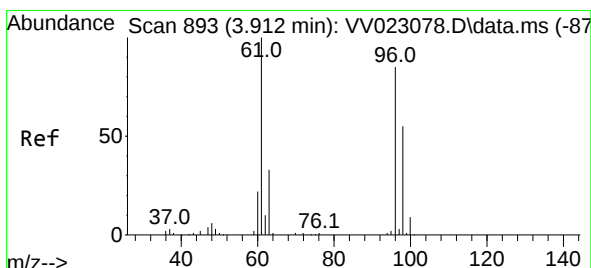
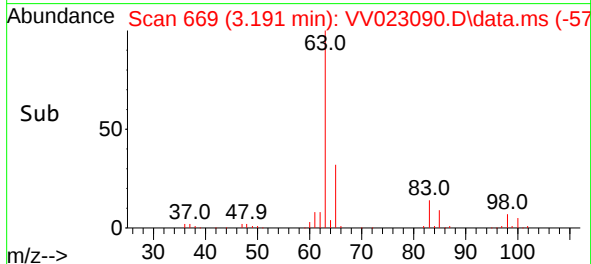
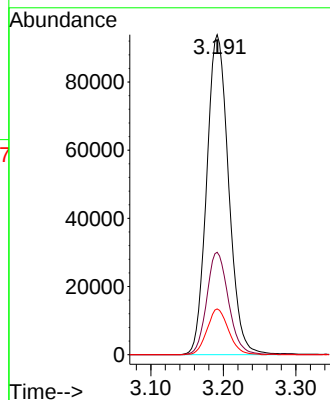
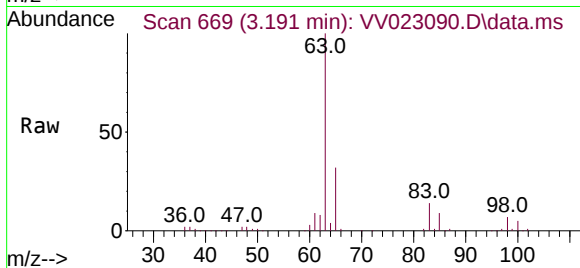
Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion: 63 Resp: 197574

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.5
83	14.3	9.8	18.2



#20

cis-1,2-Dichloroethene

Concen: 50.897 ug/L

RT: 3.915 min Scan# 894

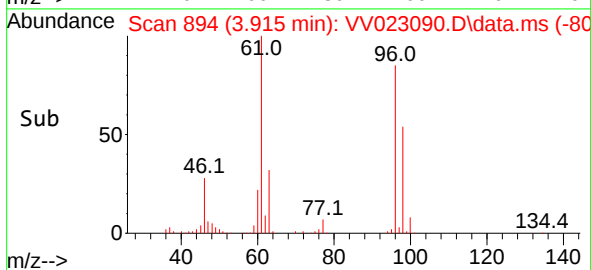
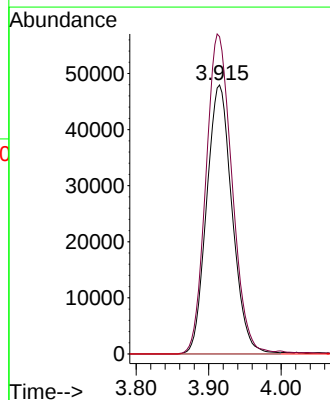
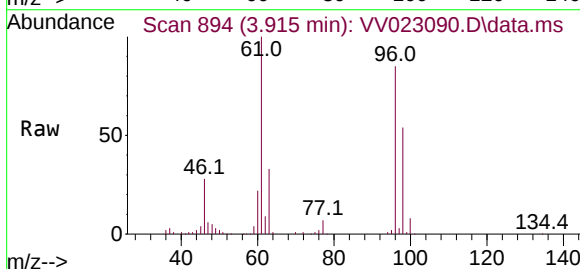
Delta R.T. 0.003 min

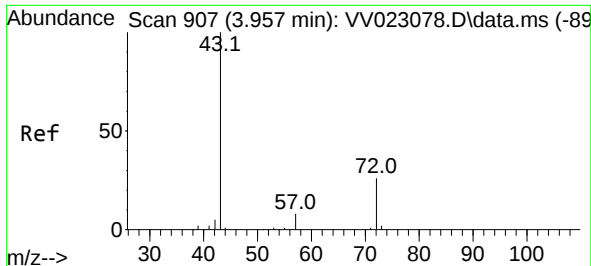
Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion: 96 Resp: 117495

Ion	Ratio	Lower	Upper
96	100		
61	118.0	83.0	154.1
68	0.0	0.0	0.0

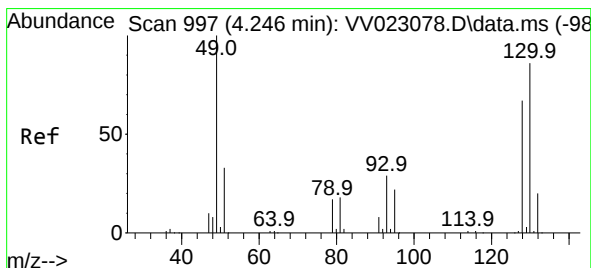
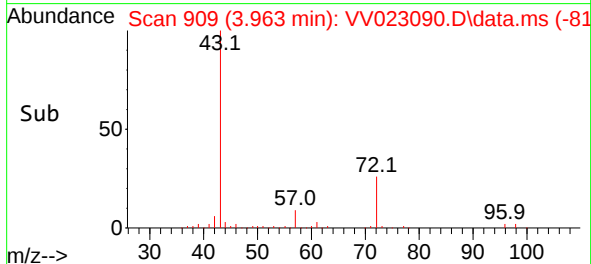
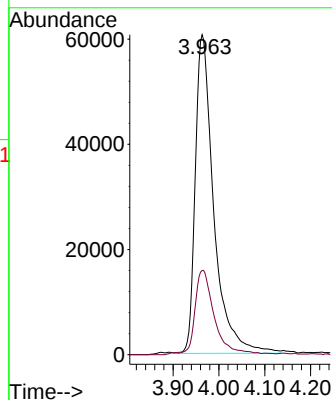
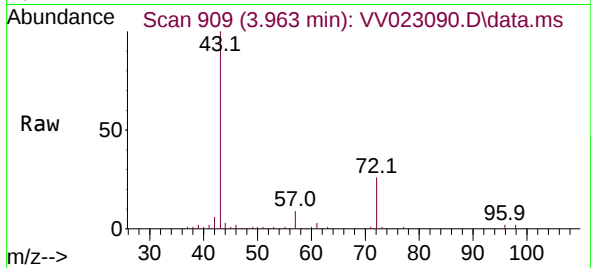




#22
2-Butanone
Concen: 102.961 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.006 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

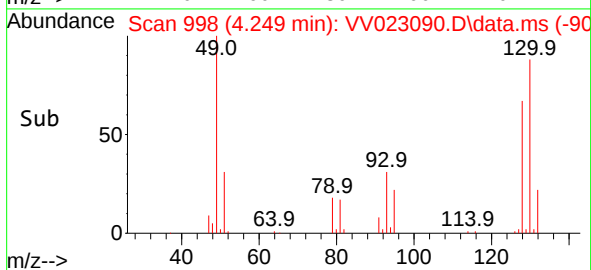
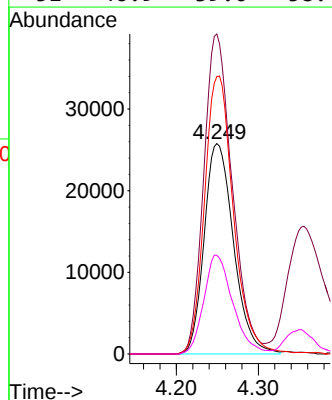
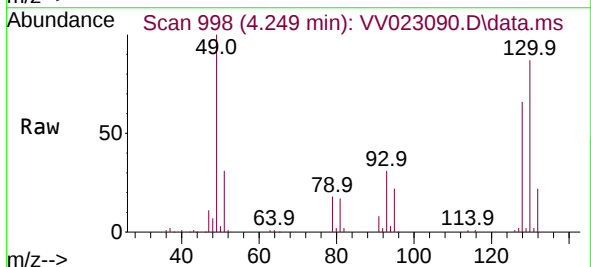
Instrument :
MSVOA_V
ClientSampled :

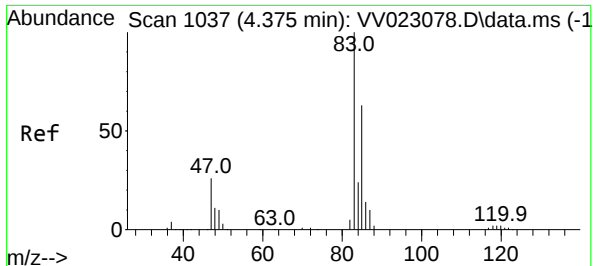
Tgt Ion: 43 Resp: 169674
Ion Ratio Lower Upper
43 100
72 27.7 13.4 40.1



#23
Bromochloromethane
Concen: 49.294 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion:128 Resp: 64130
Ion Ratio Lower Upper
128 100
49 152.1 104.7 194.4
130 131.9 89.7 166.7
51 46.9 39.0 58.4





#25

Chloroform

Concen: 49.921 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV023090.D

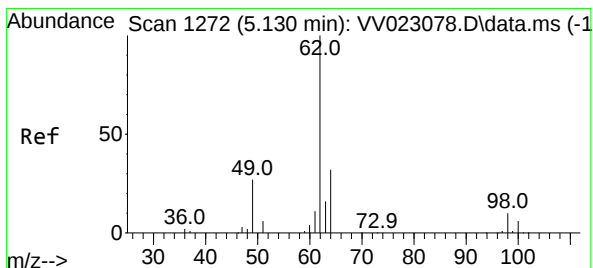
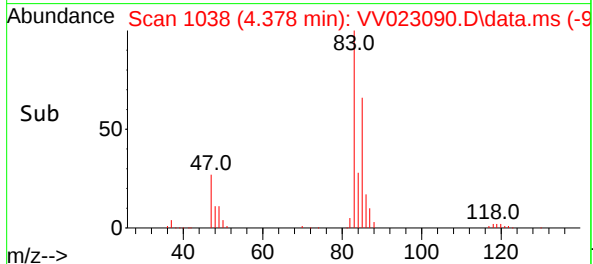
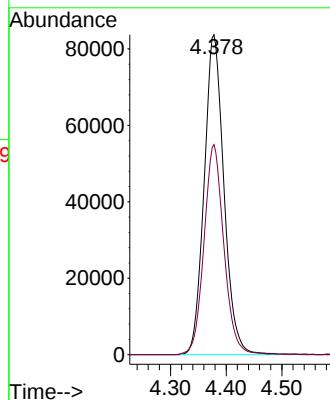
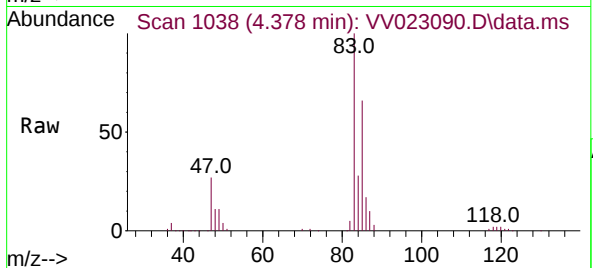
Acq: 28 Oct 2021 21:40

Tgt Ion: 83 Resp: 206570

Ion Ratio Lower Upper

83 100

85 65.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 49.668 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV023090.D

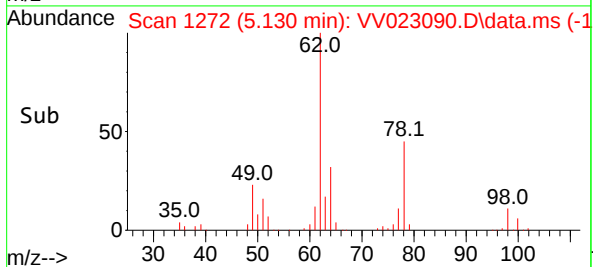
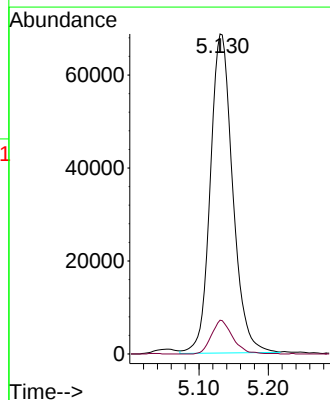
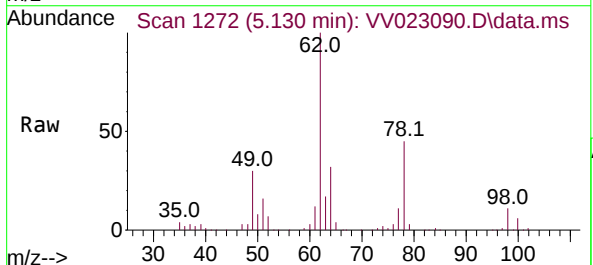
Acq: 28 Oct 2021 21:40

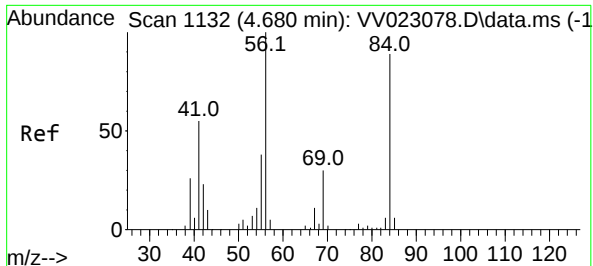
Tgt Ion: 62 Resp: 154274

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.4





#29

Cyclohexane

Concen: 50.903 ug/L

RT: 4.680 min Scan# 1132

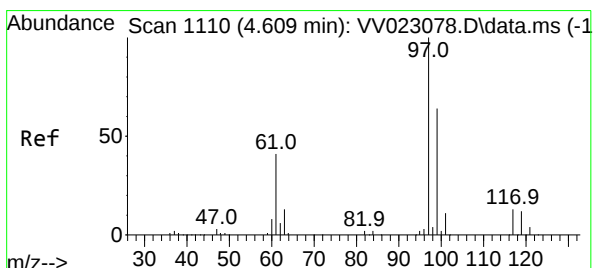
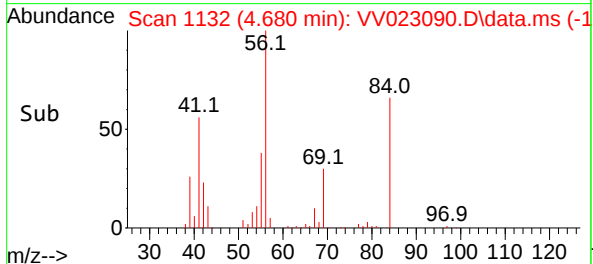
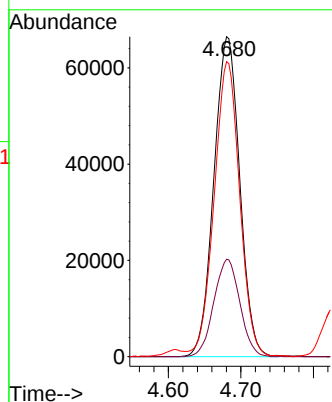
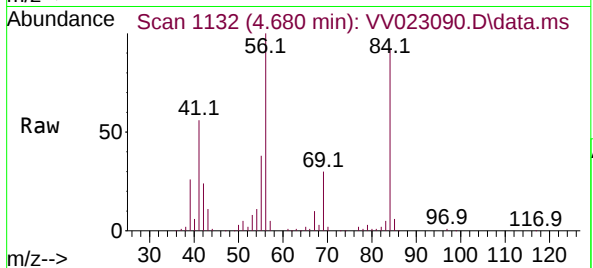
Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	56	Resp:	164757
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.6	36.8
84	90.4	72.8	109.2



#30

1,1,1-Trichloroethane

Concen: 49.780 ug/L

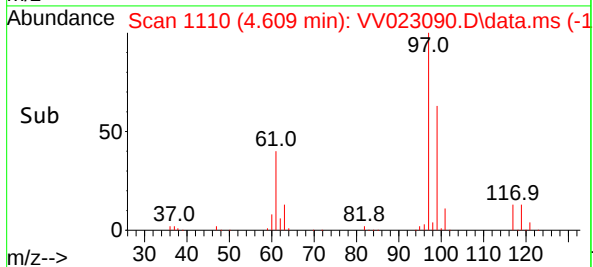
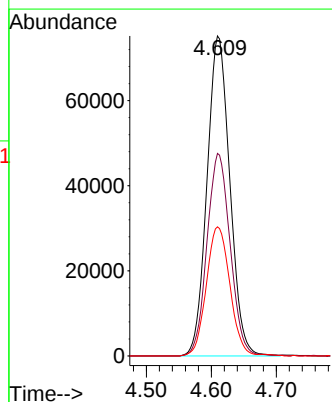
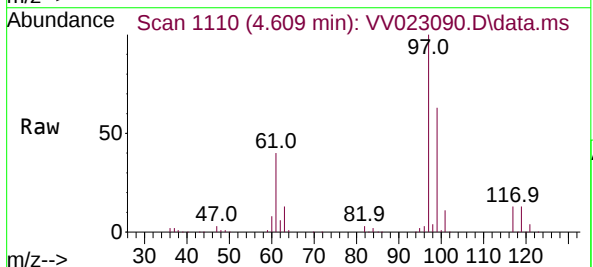
RT: 4.609 min Scan# 1110

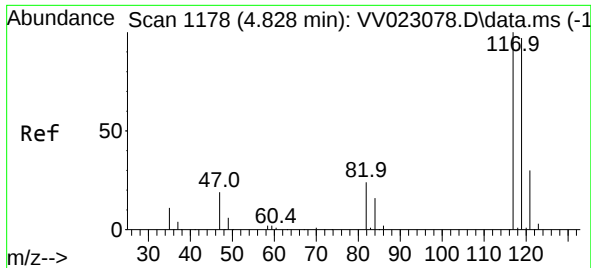
Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion:	97	Resp:	183936
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	41.5	33.8	50.6

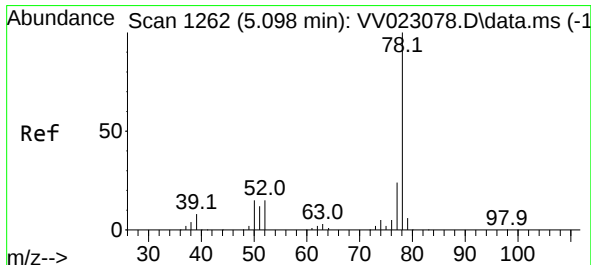
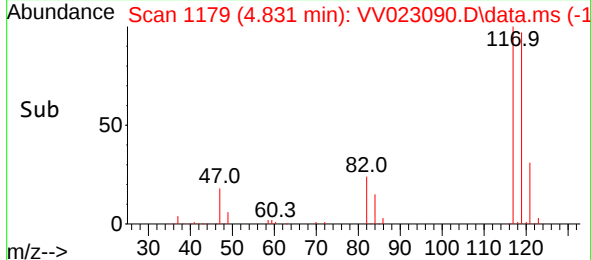
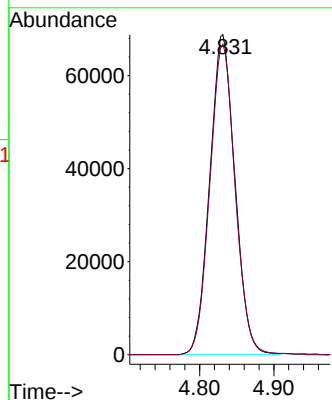
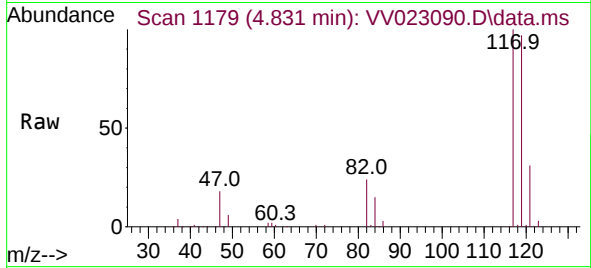




#31
Carbon tetrachloride
Concen: 48.783 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

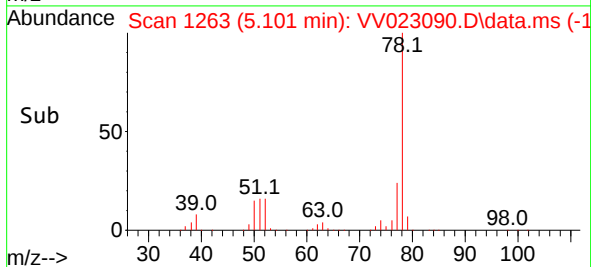
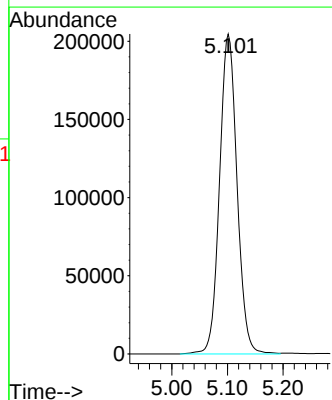
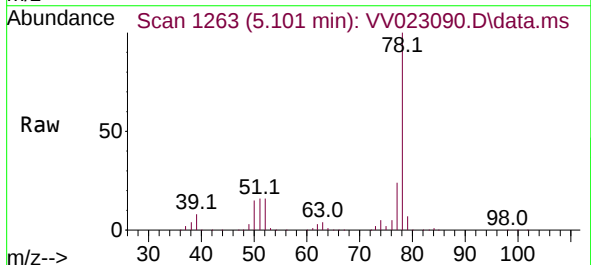
Instrument :
MSVOA_V
ClientSampled :

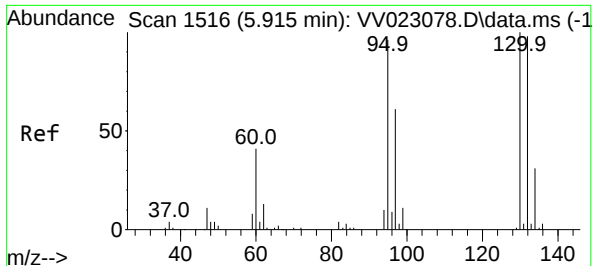
Tgt Ion:117 Resp: 162012
Ion Ratio Lower Upper
117 100
119 97.6 77.0 115.4



#33
Benzene
Concen: 51.707 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 78 Resp: 446654

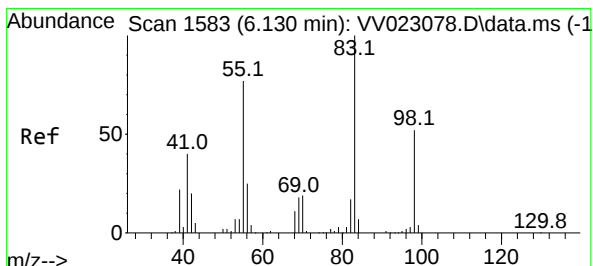
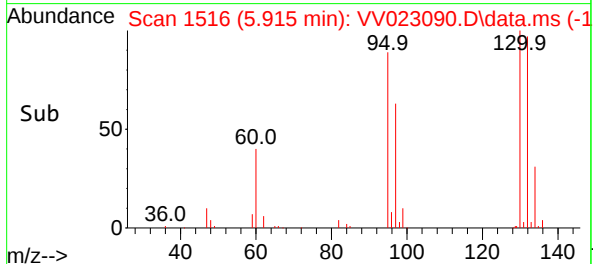
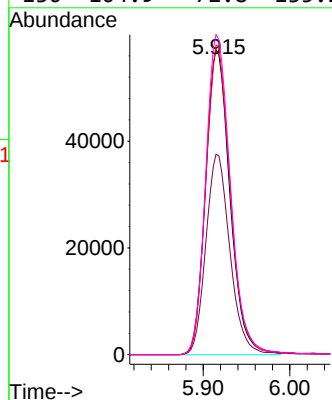
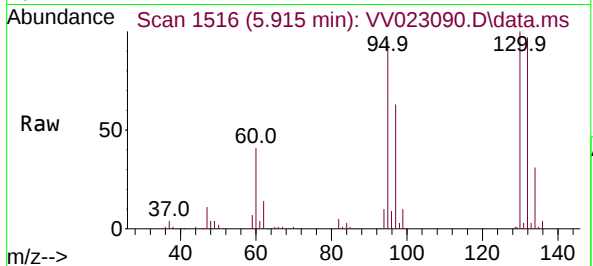




#34
Trichloroethene
Concen: 49.547 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

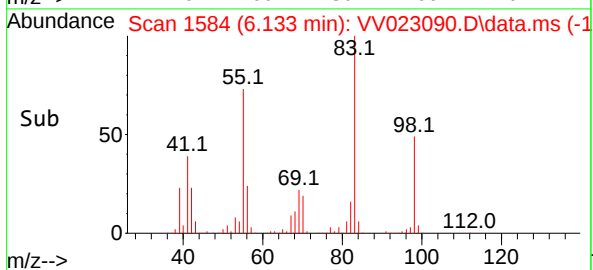
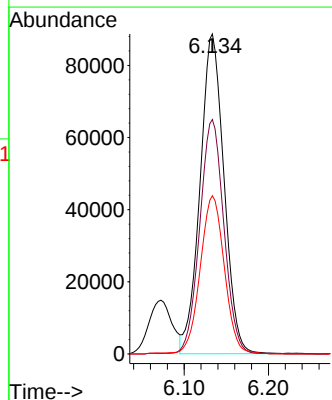
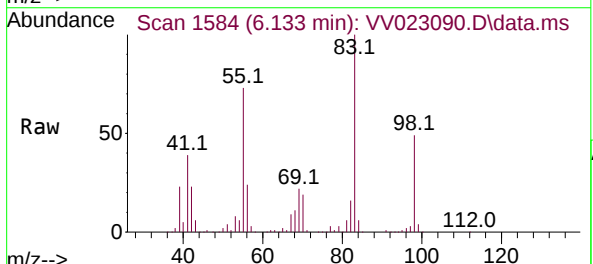
Instrument :
MSVOA_V
ClientSampleId :

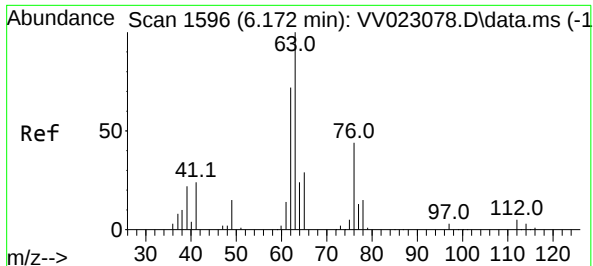
Tgt Ion: 95 Resp: 111837
Ion Ratio Lower Upper
95 100
97 65.7 44.4 82.5
132 101.5 71.5 132.9
130 104.9 72.8 135.2



#35
Methylcyclohexane
Concen: 49.836 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 83 Resp: 175301
Ion Ratio Lower Upper
83 100
55 74.1 60.1 90.1
98 50.0 41.2 61.8



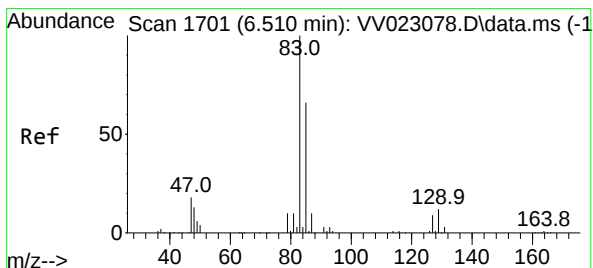
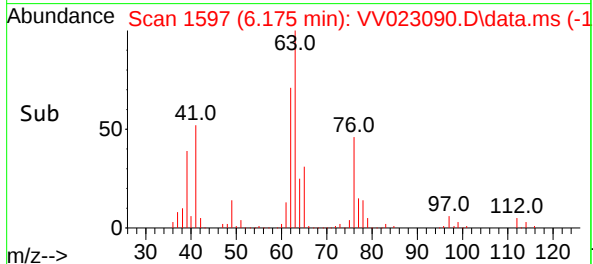
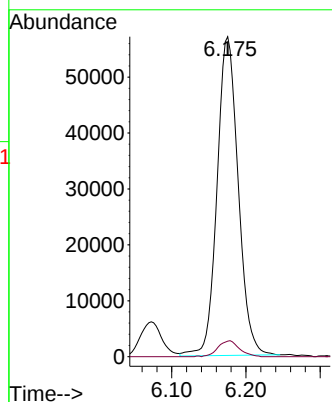
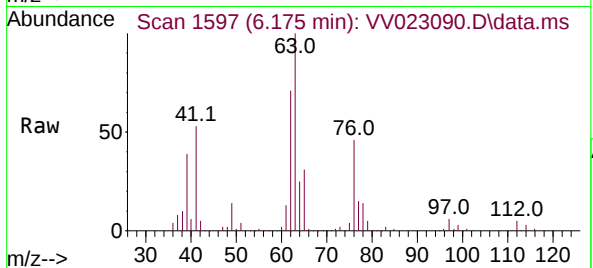


#37

1,2-Dichloropropane
Concen: 49.789 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Instrument :
MSVOA_V
ClientSampleId :

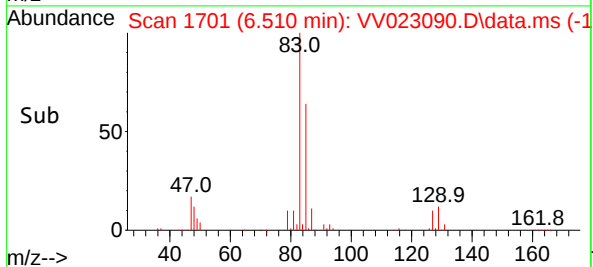
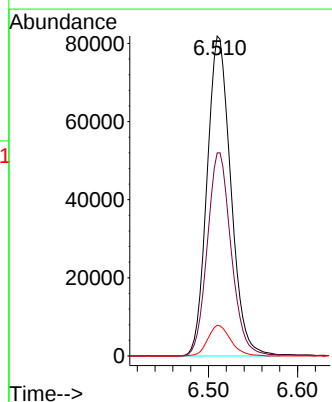
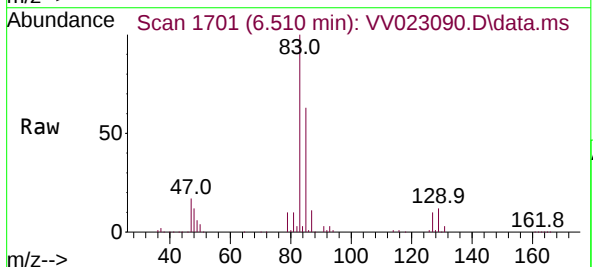
Tgt Ion: 63 Resp: 113027
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8

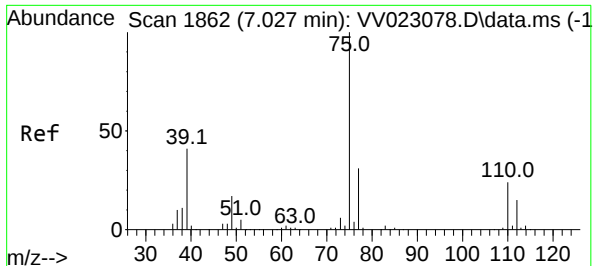


#38

Bromodichloromethane
Concen: 49.401 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 83 Resp: 151787
Ion Ratio Lower Upper
83 100
85 63.4 46.1 85.5
127 9.6 7.4 11.0



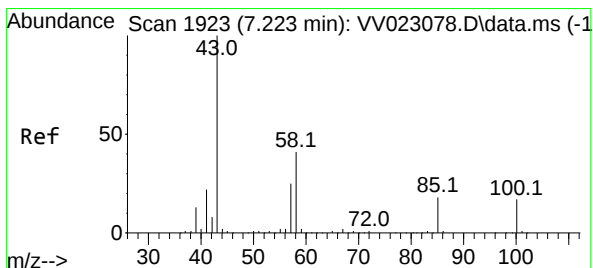
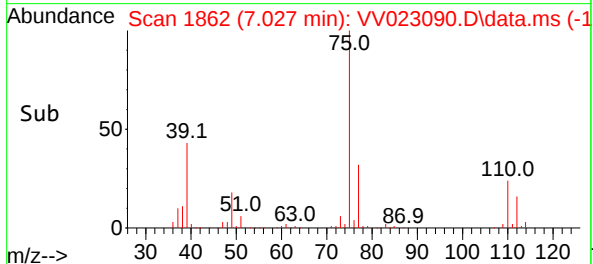
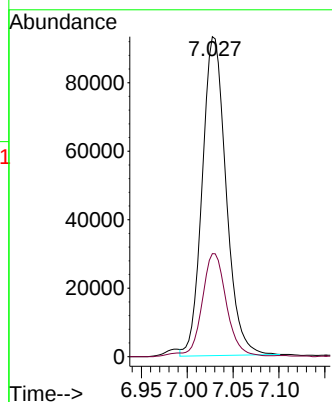
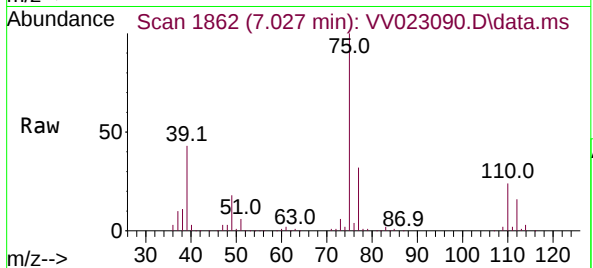


#39

cis-1,3-Dichloropropene
 Concen: 48.844 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

Instrument :
 MSVOA_V
 ClientSampled :

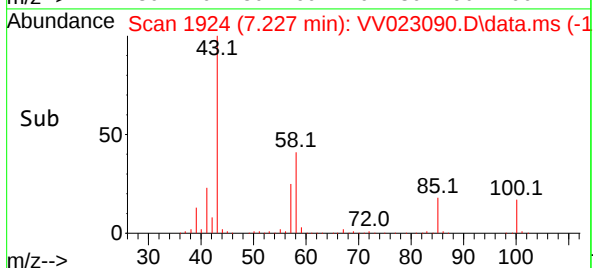
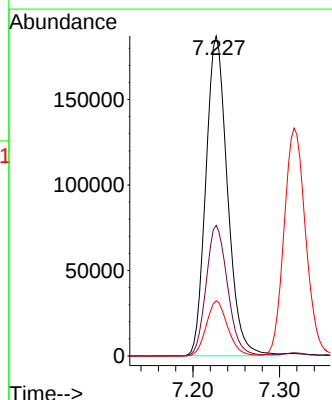
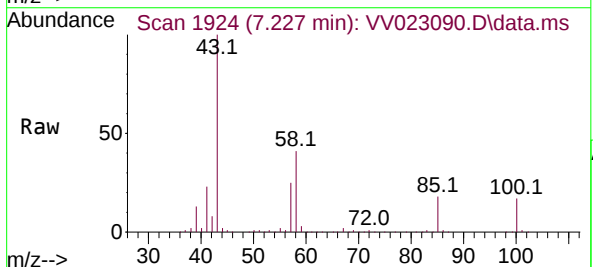
Tgt Ion: 75 Resp: 168165
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.8 40.6

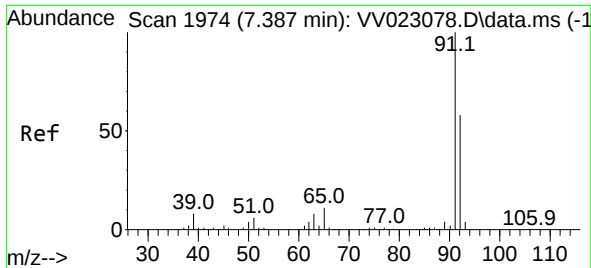


#40

4-Methyl-2-pentanone
 Concen: 110.753 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

Tgt Ion: 43 Resp: 324274
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.4 48.6
 100 17.1 13.4 20.2

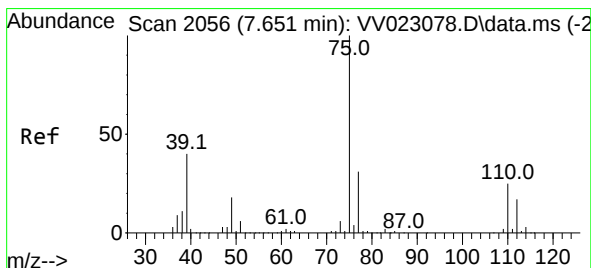
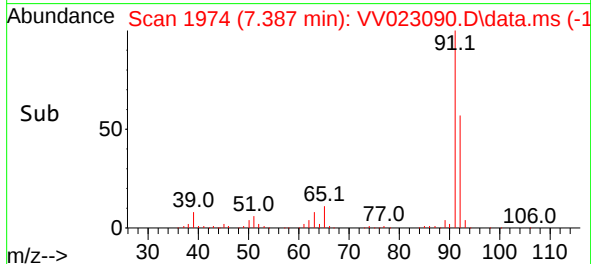
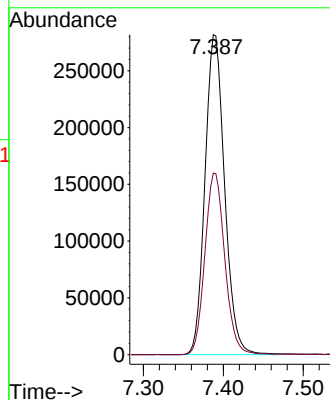
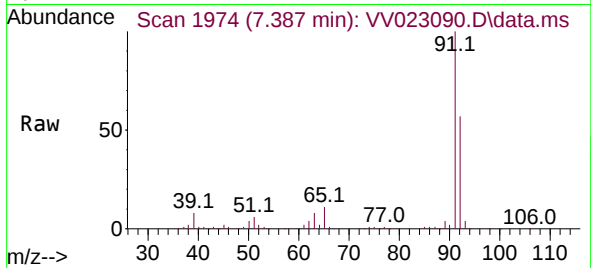




#42
Toluene
Concen: 52.144 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

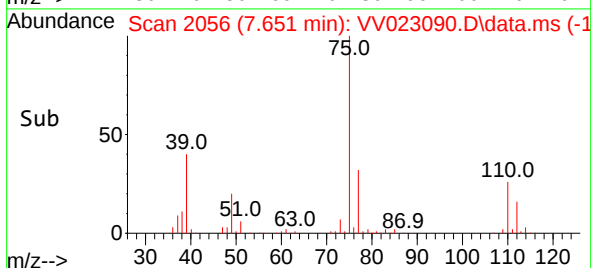
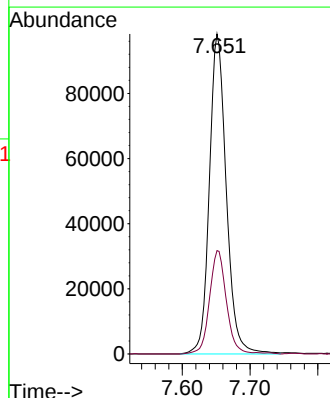
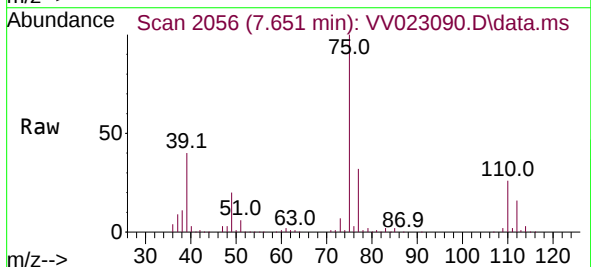
Instrument :
MSVOA_V
ClientSampled :

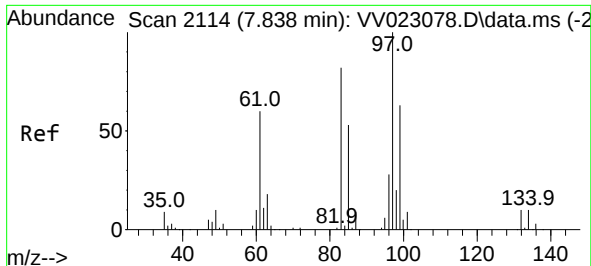
Tgt Ion: 91 Resp: 482075
Ion Ratio Lower Upper
91 100
92 56.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 51.024 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 75 Resp: 170317
Ion Ratio Lower Upper
75 100
77 32.3 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 49.152 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion: 97 Resp: 113933

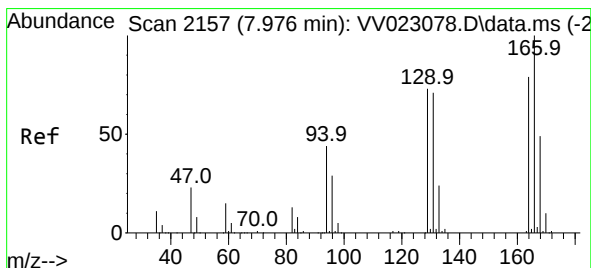
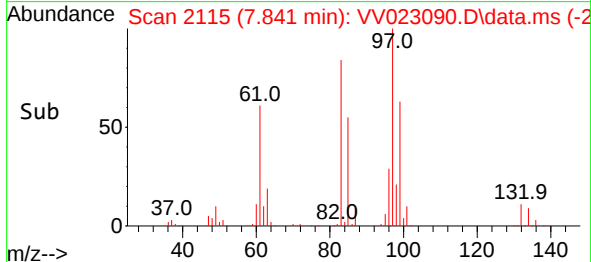
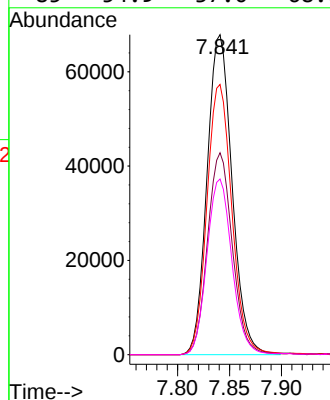
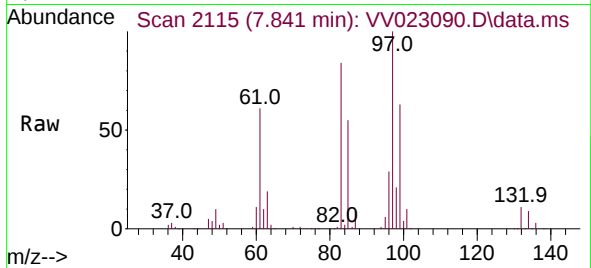
Ion Ratio Lower Upper

97 100

99 63.1 44.2 82.2

83 84.4 57.7 107.1

85 54.9 37.0 68.6



#46

Tetrachloroethene

Concen: 48.200 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion: 164 Resp: 93800

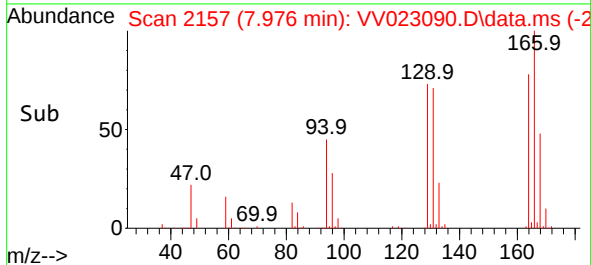
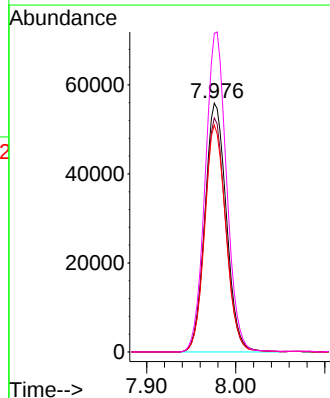
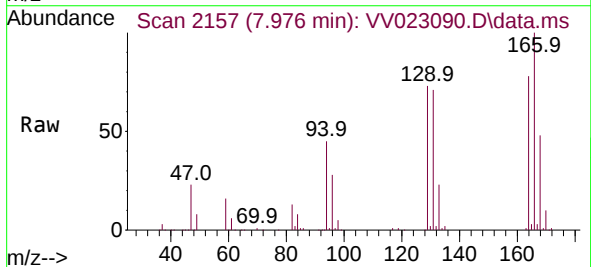
Ion Ratio Lower Upper

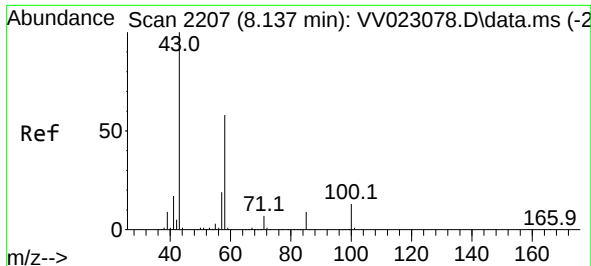
164 100

129 94.1 64.6 120.0

131 91.2 62.9 116.7

166 128.0 88.4 164.2

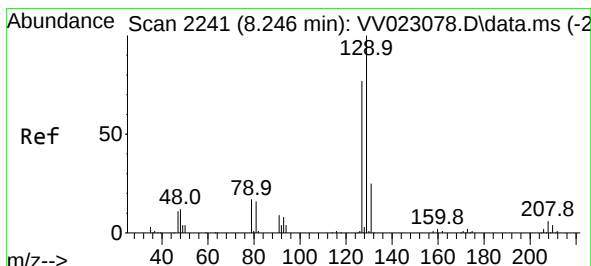
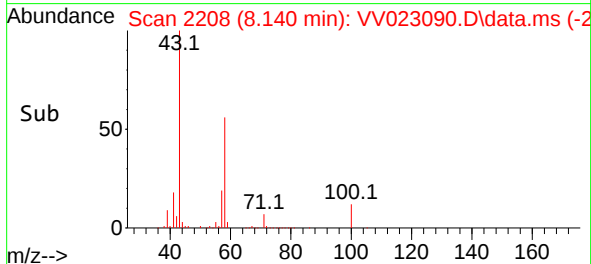
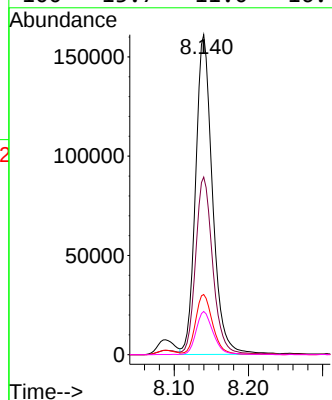
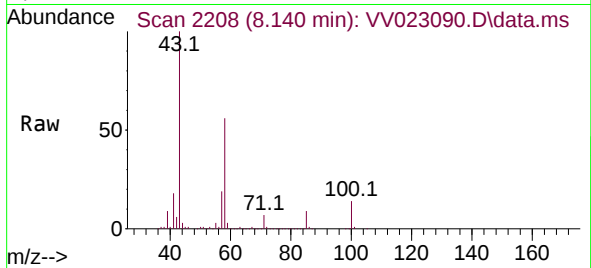




#48
2-Hexanone
Concen: 110.016 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

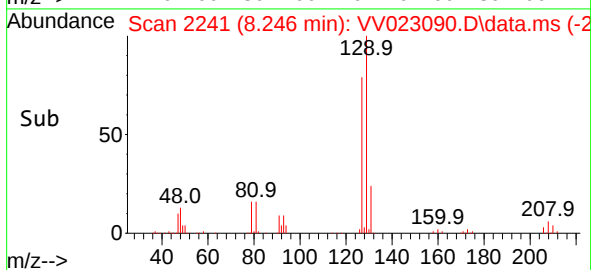
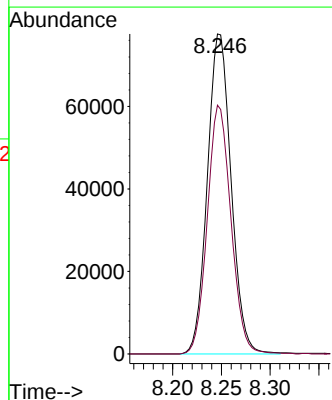
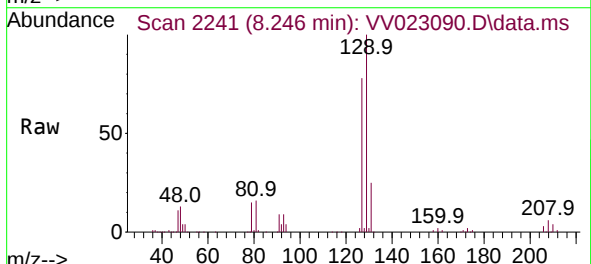
Instrument :
MSVOA_V
ClientSampled :

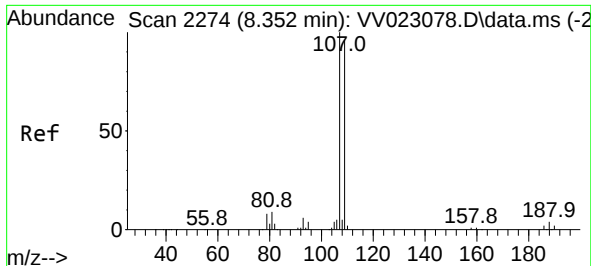
Tgt Ion: 43 Resp: 255753
Ion Ratio Lower Upper
43 100
58 55.3 45.6 68.4
57 18.7 15.4 23.0
100 13.7 11.0 16.4



#49
Dibromochloromethane
Concen: 49.714 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 129 Resp: 131676
Ion Ratio Lower Upper
129 100
127 77.7 53.9 100.1





#50

1,2-Dibromoethane

Concen: 51.066 ug/L

RT: 8.352 min Scan# 2274

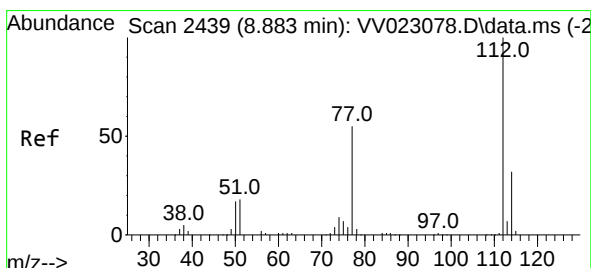
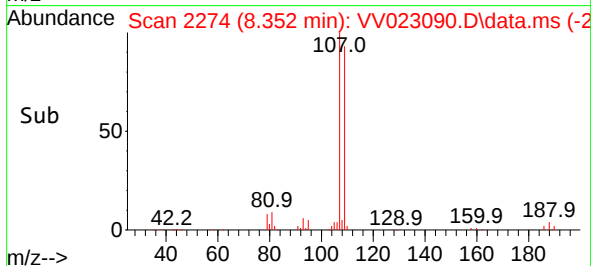
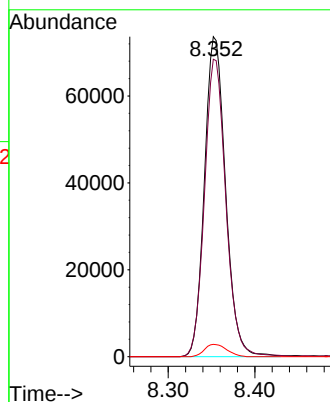
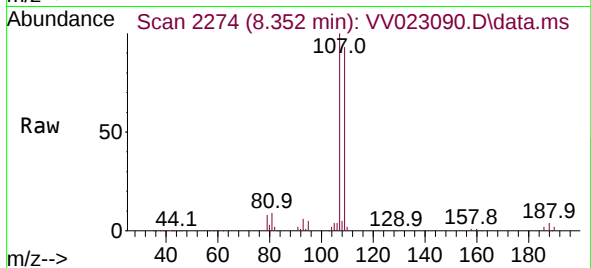
Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion:	107	Resp:	124676
Ion	Ratio	Lower	Upper
107	100		
109	93.0	67.3	124.9
188	3.8	3.3	4.9

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 49.387 ug/L

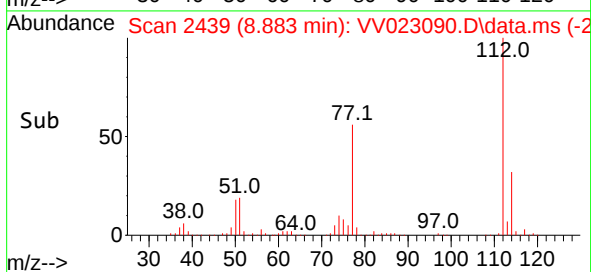
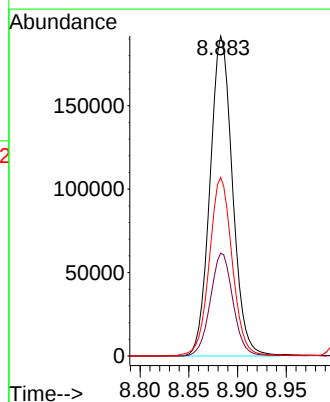
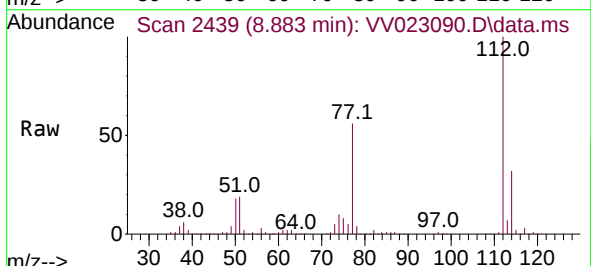
RT: 8.883 min Scan# 2439

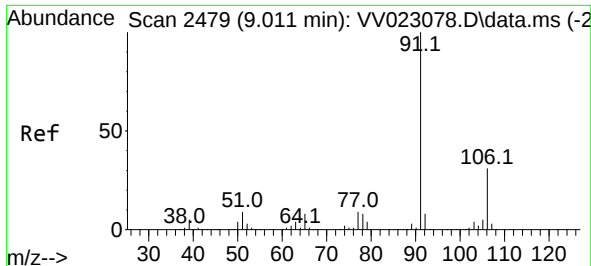
Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

Tgt Ion:	112	Resp:	308417
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.2	41.2
77	55.8	44.6	67.0

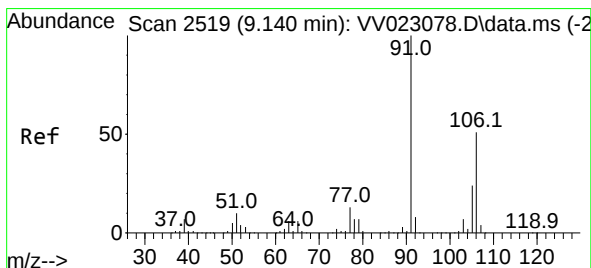
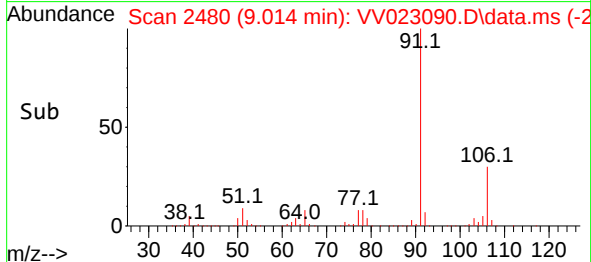
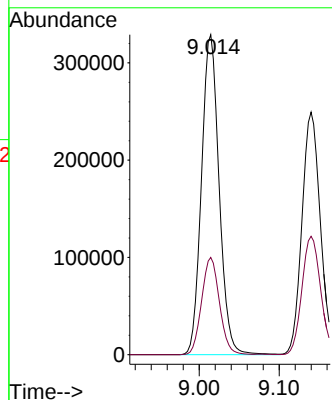
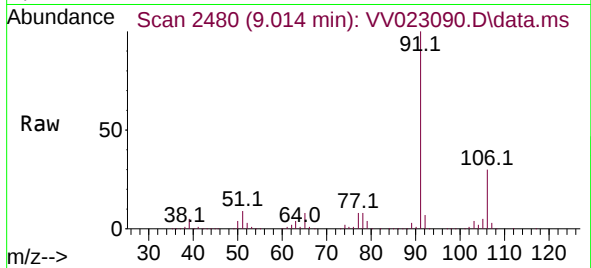




#52
Ethylbenzene
Concen: 51.400 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

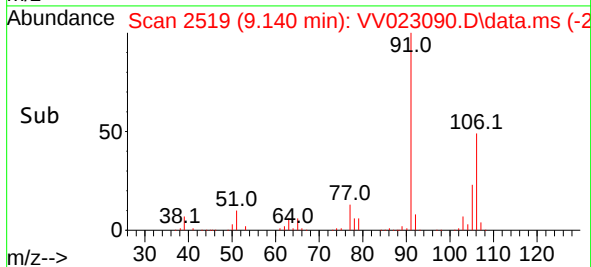
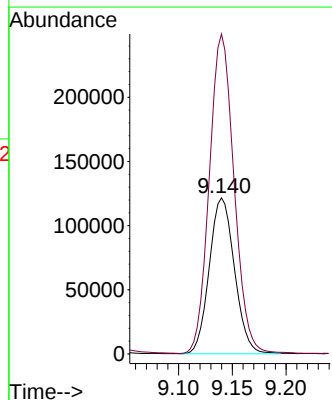
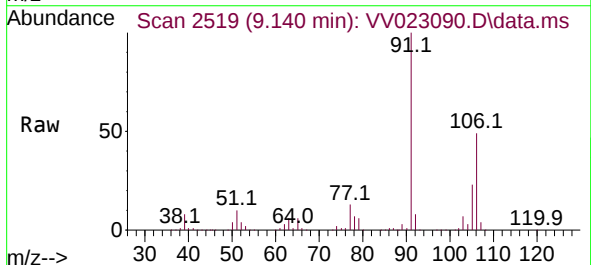
Instrument :
MSVOA_V
ClientSampled :

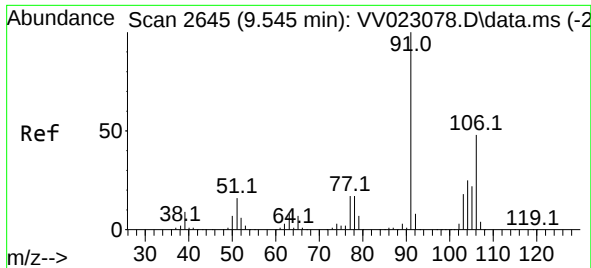
Tgt Ion: 91 Resp: 505593
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.4



#53
m,p-Xylene
Concen: 52.174 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 106 Resp: 197831
Ion Ratio Lower Upper
106 100
91 204.9 137.3 254.9

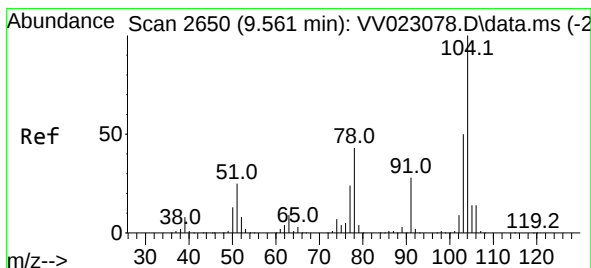
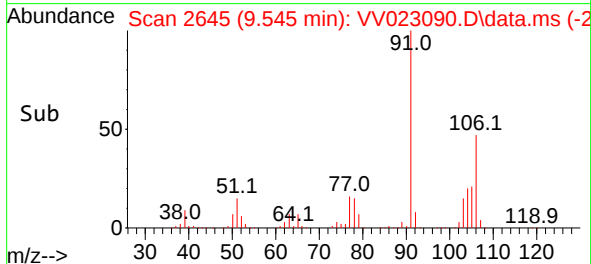
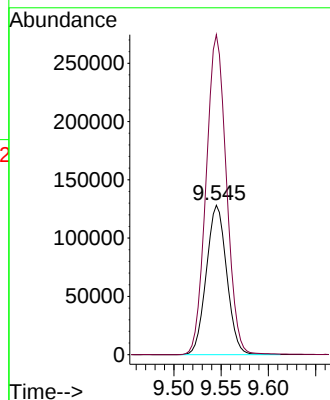
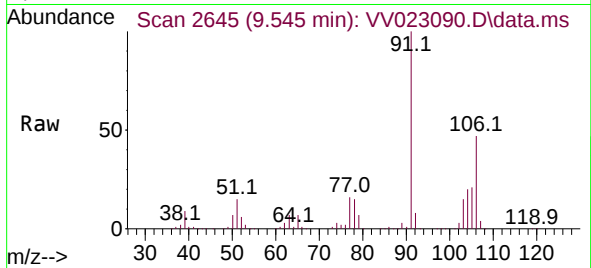




#54
o-Xylene
Concen: 52.189 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

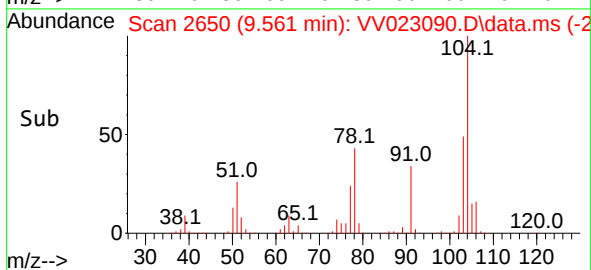
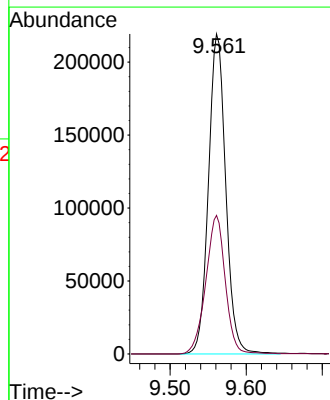
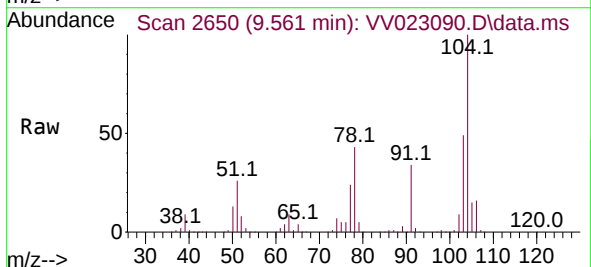
Instrument :
MSVOA_V
ClientSampled :

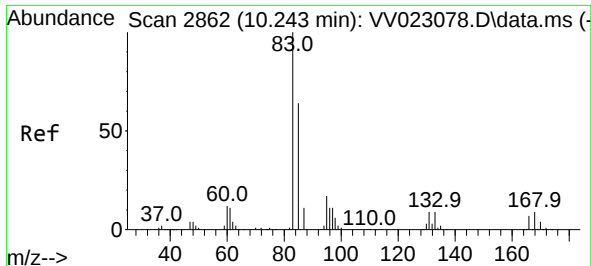
Tgt Ion:106 Resp: 192607
Ion Ratio Lower Upper
106 100
91 214.2 145.0 269.4



#55
Styrene
Concen: 53.998 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion:104 Resp: 346369
Ion Ratio Lower Upper
104 100
78 43.3 29.8 55.4

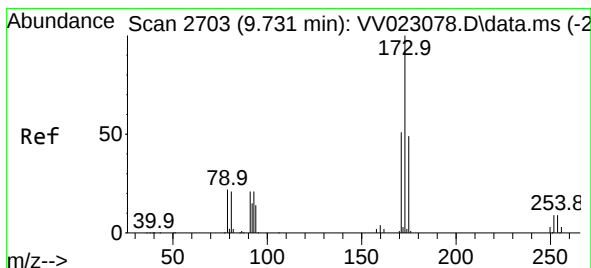
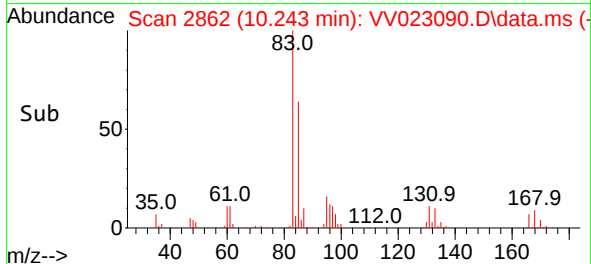
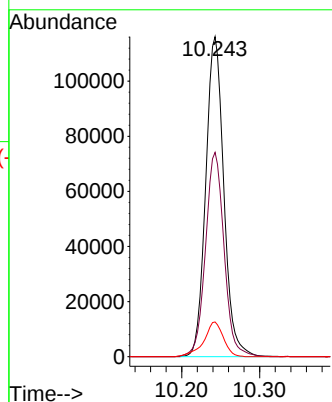
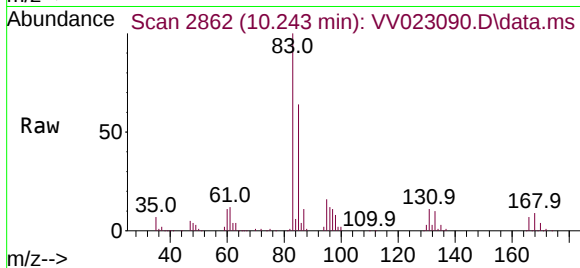




#57
1,1,2,2-Tetrachloroethane
Concen: 50.605 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

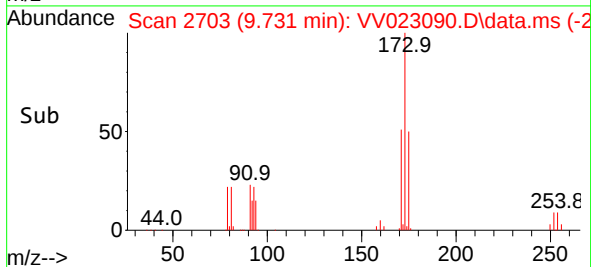
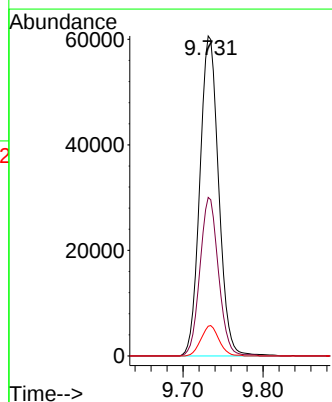
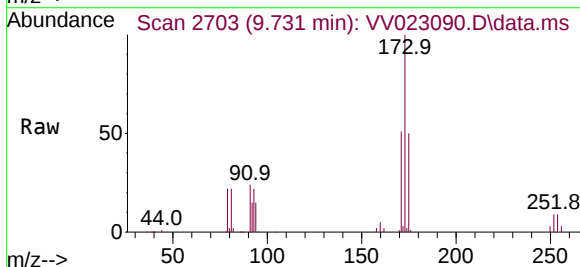
Instrument :
MSVOA_V
ClientSampleId :

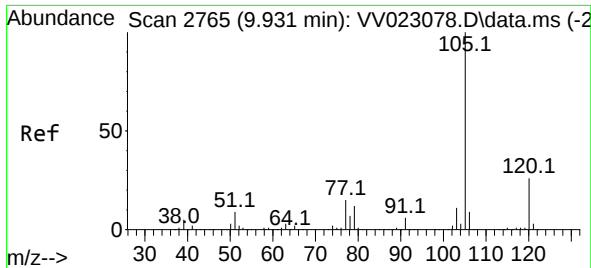
Tgt Ion: 83 Resp: 187064
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.8 7.8 11.8



#59
Bromoform
Concen: 50.331 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 173 Resp: 99307
Ion Ratio Lower Upper
173 100
175 48.8 39.3 58.9
254 9.1 7.2 10.8

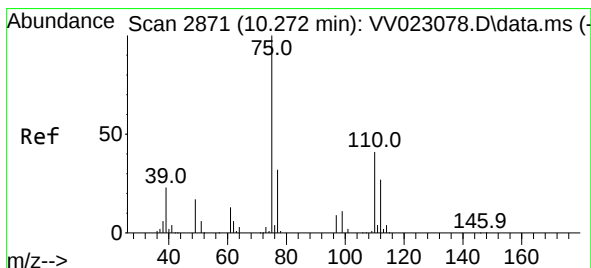
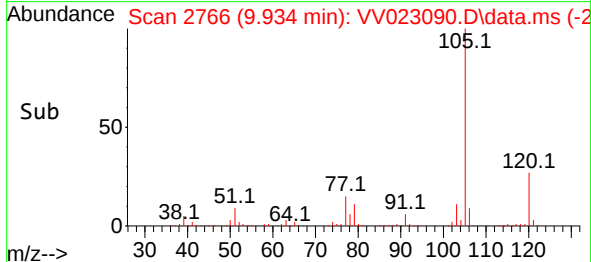
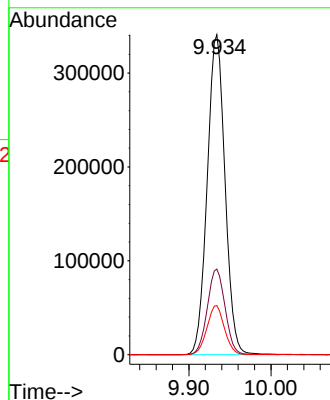
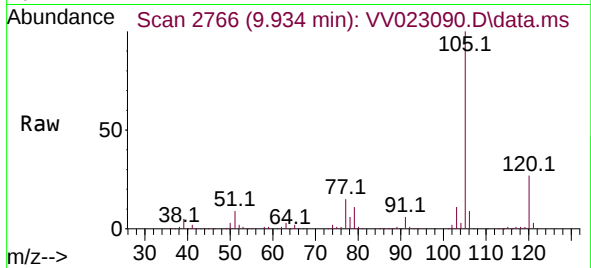




#60
Isopropylbenzene
Concen: 51.428 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

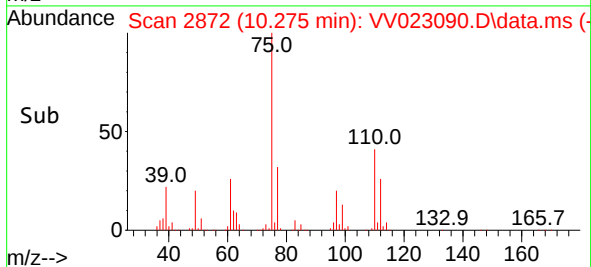
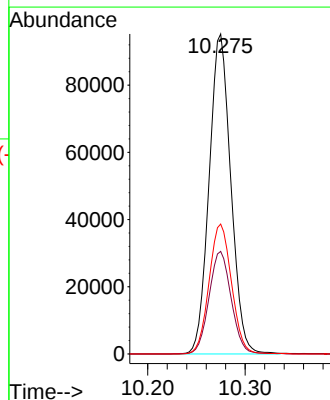
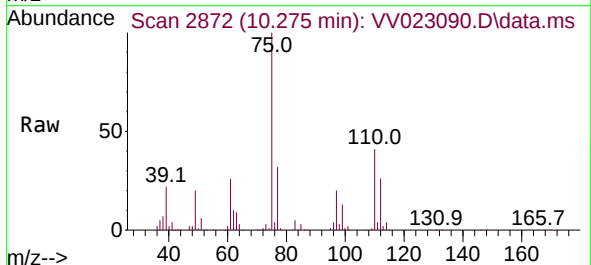
Instrument :
MSVOA_V
ClientSampleId :

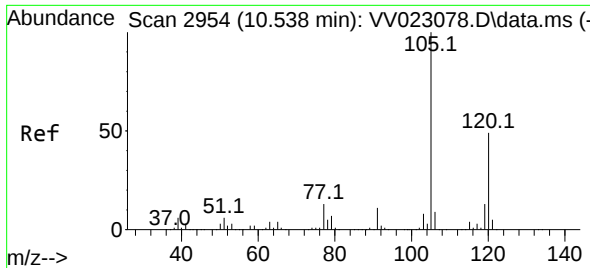
Tgt Ion:105 Resp: 512493
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 50.436 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 75 Resp: 147445
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
110 42.0 33.1 49.7

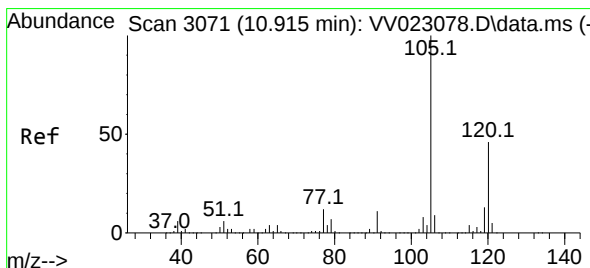
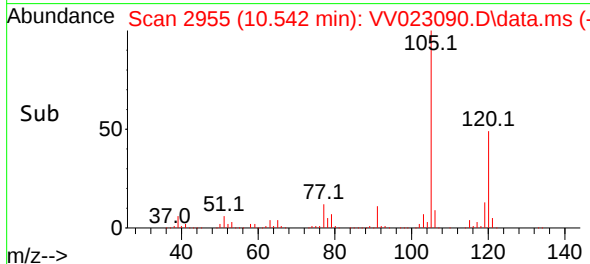
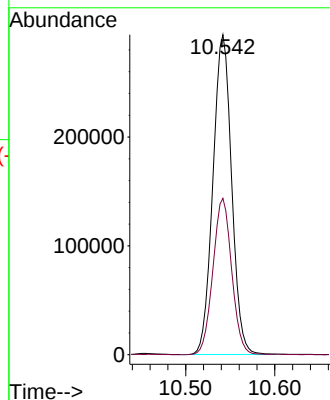
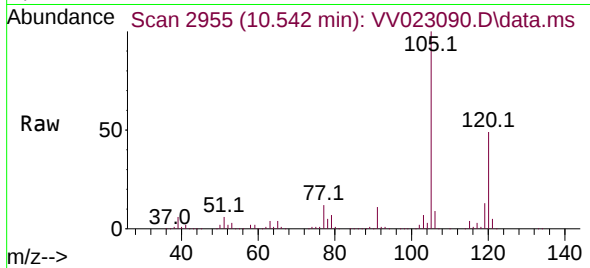




#62
1,3,5-Trimethylbenzene
Concen: 52.252 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

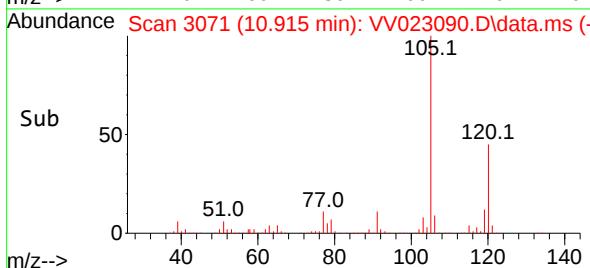
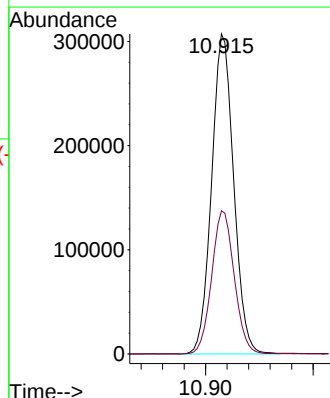
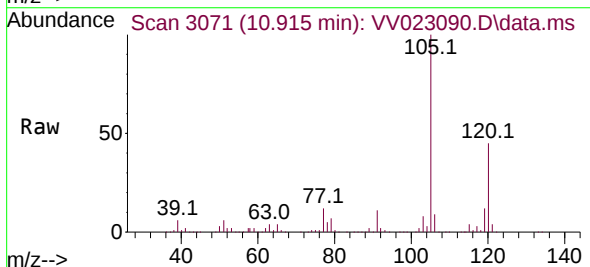
Instrument :
MSVOA_V
ClientSampled :

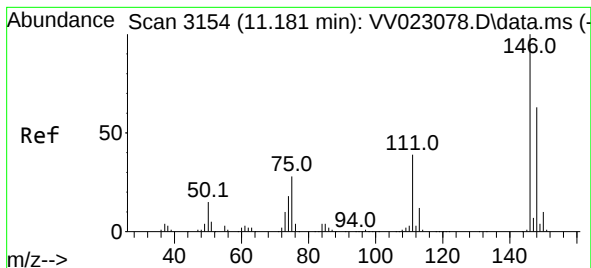
Tgt Ion:105 Resp: 428853
Ion Ratio Lower Upper
105 100
120 49.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 53.087 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion:105 Resp: 437395
Ion Ratio Lower Upper
105 100
120 45.8 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 49.903 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

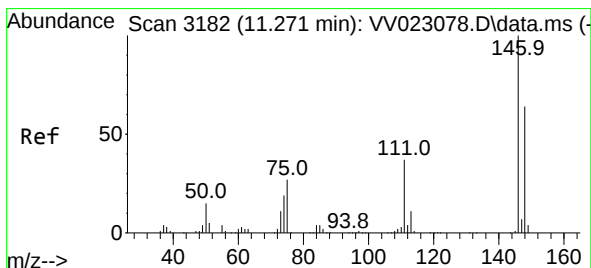
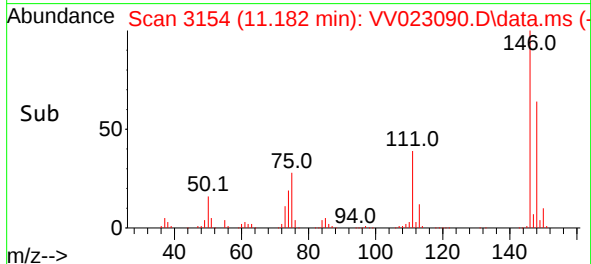
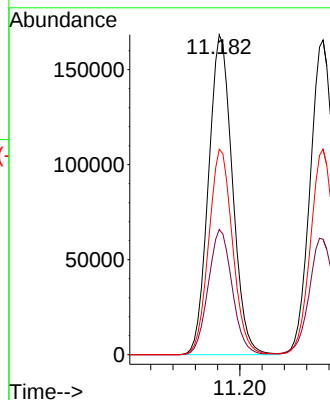
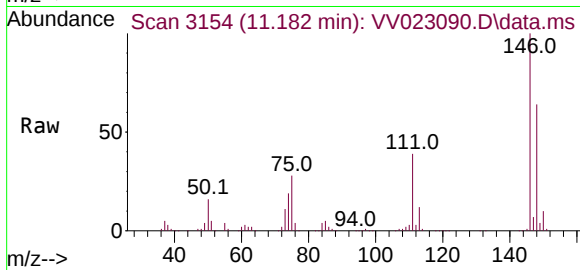
Tgt Ion:146 Resp: 251398

Ion Ratio Lower Upper

146 100

111 39.1 27.3 50.7

148 64.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 48.212 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV023090.D

Acq: 28 Oct 2021 21:40

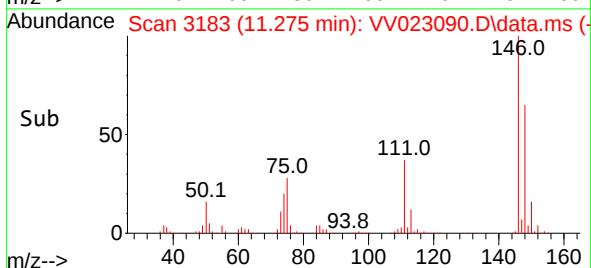
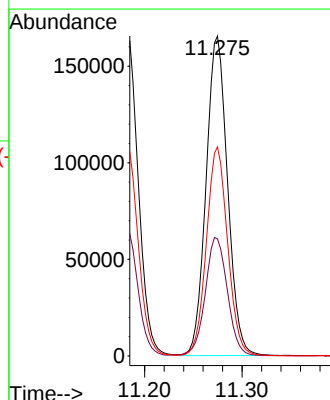
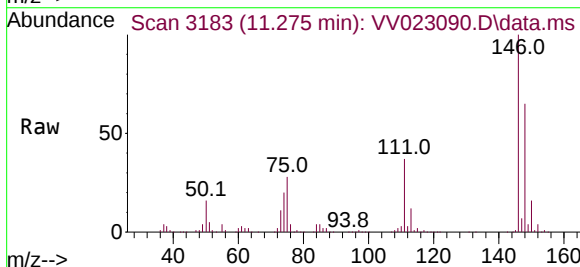
Tgt Ion:146 Resp: 252977

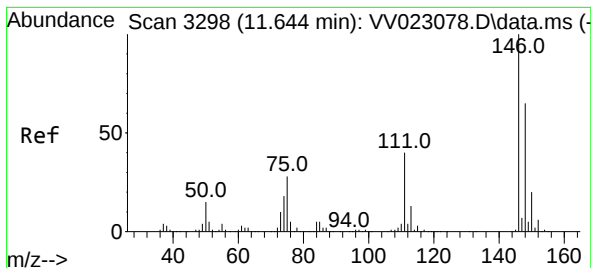
Ion Ratio Lower Upper

146 100

111 36.6 26.0 48.2

148 65.3 44.7 82.9

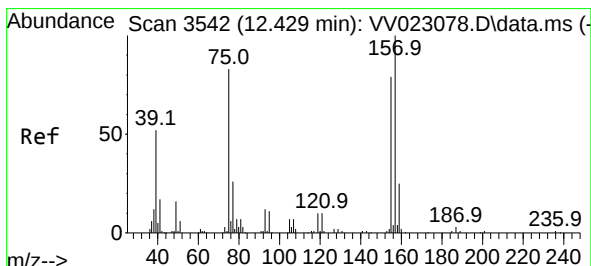
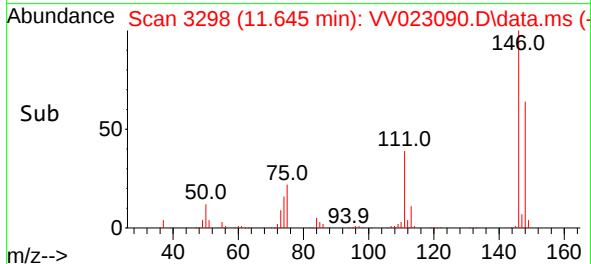
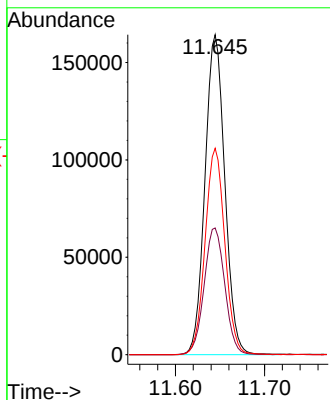
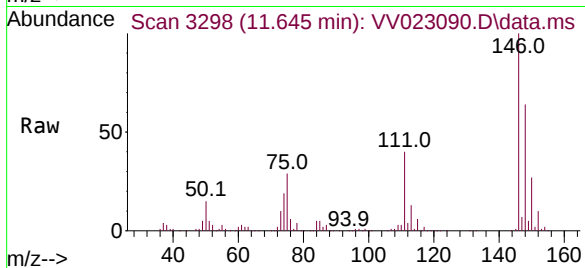




#67
1,2-Dichlorobenzene
Concen: 49.820 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

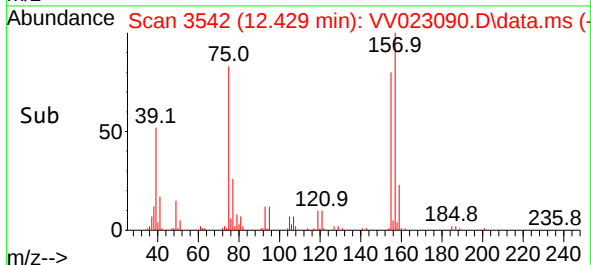
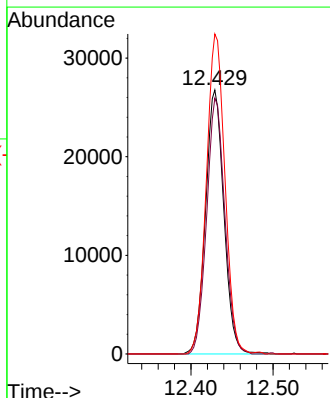
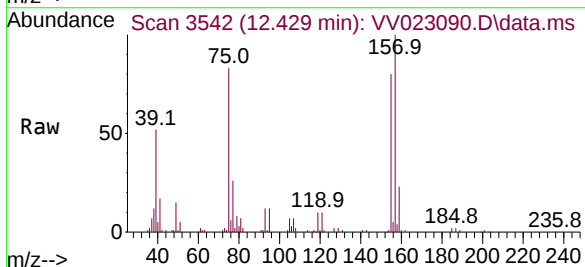
Instrument :
MSVOA_V
ClientSampled :

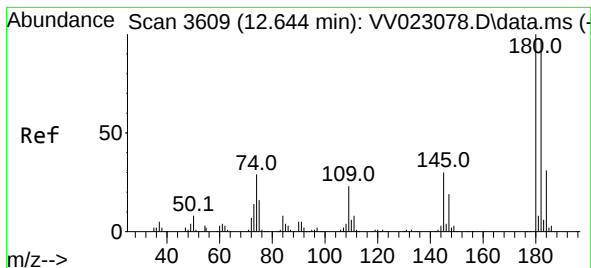
Tgt Ion:146 Resp: 253780
Ion Ratio Lower Upper
146 100
111 39.6 32.2 48.2
148 64.5 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.059 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion: 75 Resp: 41660
Ion Ratio Lower Upper
75 100
155 96.8 75.7 113.5
157 121.2 96.4 144.6

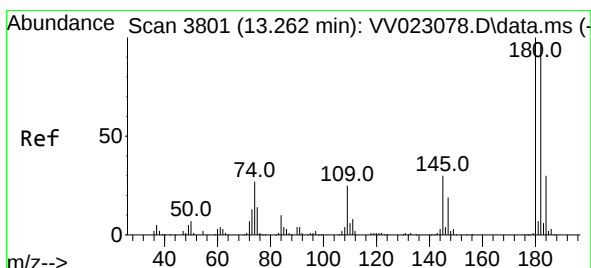
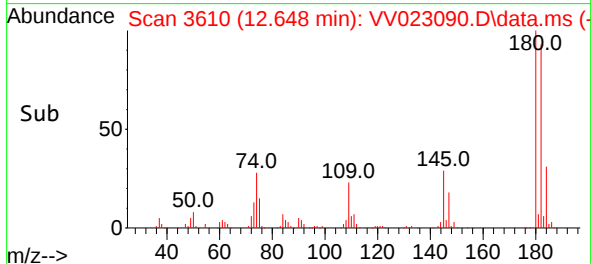
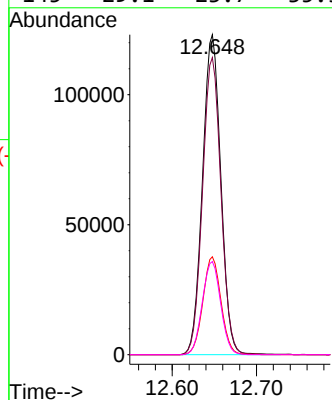
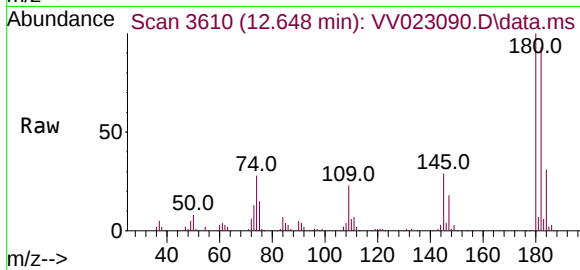




#69
 1,3,5-Trichlorobenzene
 Concen: 48.988 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

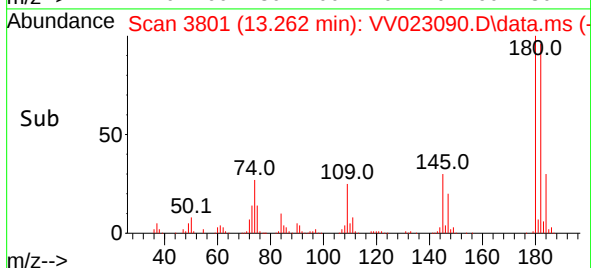
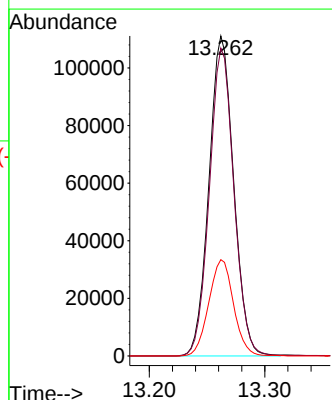
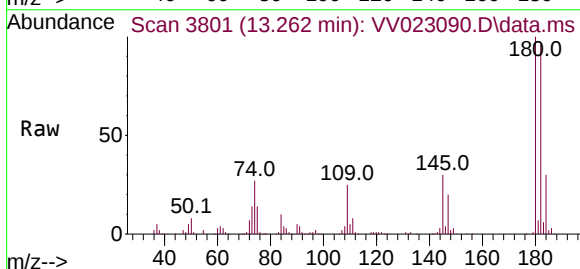
Instrument :
 MSVOA_V
 ClientSampled :

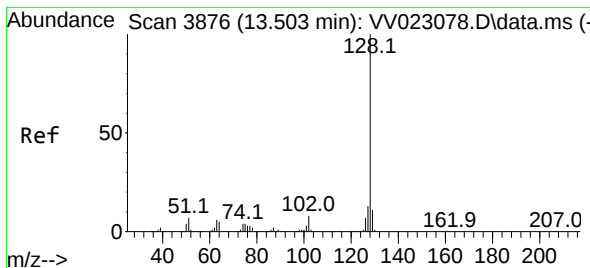
Tgt Ion:180 Resp: 186668
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.6 115.0
 184 30.2 24.6 36.8
 145 29.1 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 49.985 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023090.D
 Acq: 28 Oct 2021 21:40

Tgt Ion:180 Resp: 165068
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.2 115.8
 145 30.2 23.8 35.6

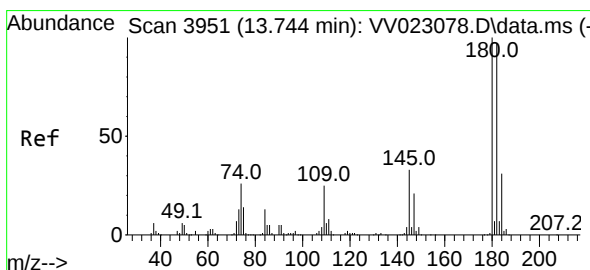
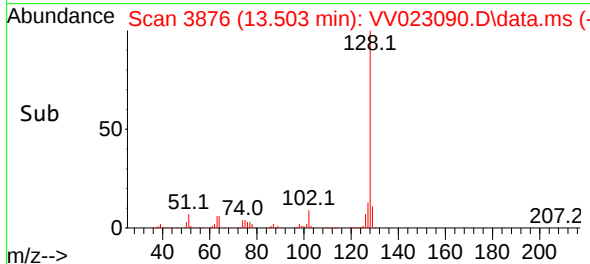
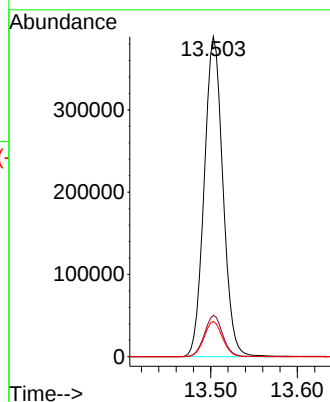
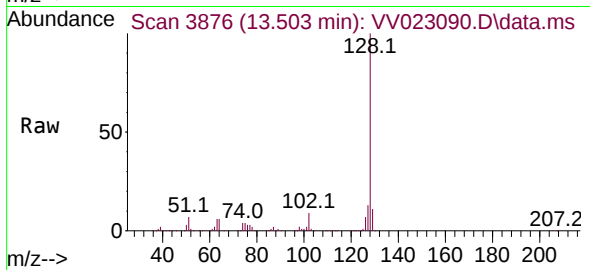




#71
Naphthalene
Concen: 55.031 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 583482
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.795 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023090.D
Acq: 28 Oct 2021 21:40

Tgt Ion:180 Resp: 177312
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 32.9 26.4 39.6

