

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023105.D
 Acq On : 29 Oct 2021 15:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 00:29:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	283857	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	276476	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	158733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84611	43.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.500%
7) Chloroethane-d5	1.565	69	67137	44.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.111	63	168711	45.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.060%
21) 2-Butanone-d5	3.880	46	156555	106.816	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	4.349	84	199382	48.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	5.034	65	119572	49.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
32) Benzene-d6	5.050	84	375792	49.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	6.069	67	118653	49.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.317	98	349822	50.627	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
43) trans-1,3-Dichloroprop...	7.622	79	59095	51.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.280%
47) 2-Hexanone-d5	8.088	63	114358	109.207	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.210%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179232	50.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	150248	49.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	130616	48.404	ug/L	99
3) Chloromethane	1.240	50	116674	45.842	ug/L	99
5) Vinyl chloride	1.311	62	118632	46.646	ug/L	98
6) Bromomethane	1.520	94	68643	48.044	ug/L	99
8) Chloroethane	1.584	64	69185	44.683	ug/L	96
9) Trichlorofluoromethane	1.751	101	181021	46.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	94189	45.967	ug/L	99
12) 1,1-Dichloroethene	2.118	96	87154	45.838	ug/L	90
13) Acetone	2.169	43	135980	93.602	ug/L #	75
14) Carbon disulfide	2.294	76	273430	48.088	ug/L	100
15) Methyl Acetate	2.429	43	119794	49.680	ug/L	100
16) Methylene chloride	2.507	84	116771	47.941	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	106062	48.879	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	327846	50.310	ug/L	99
19) 1,1-Dichloroethane	3.192	63	195981	48.476	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	116911	50.404	ug/L	100
22) 2-Butanone	3.963	43	179226	108.242	ug/L	98
23) Bromochloromethane	4.249	128	65295	49.952	ug/L	96
25) Chloroform	4.375	83	204743	49.245	ug/L	99

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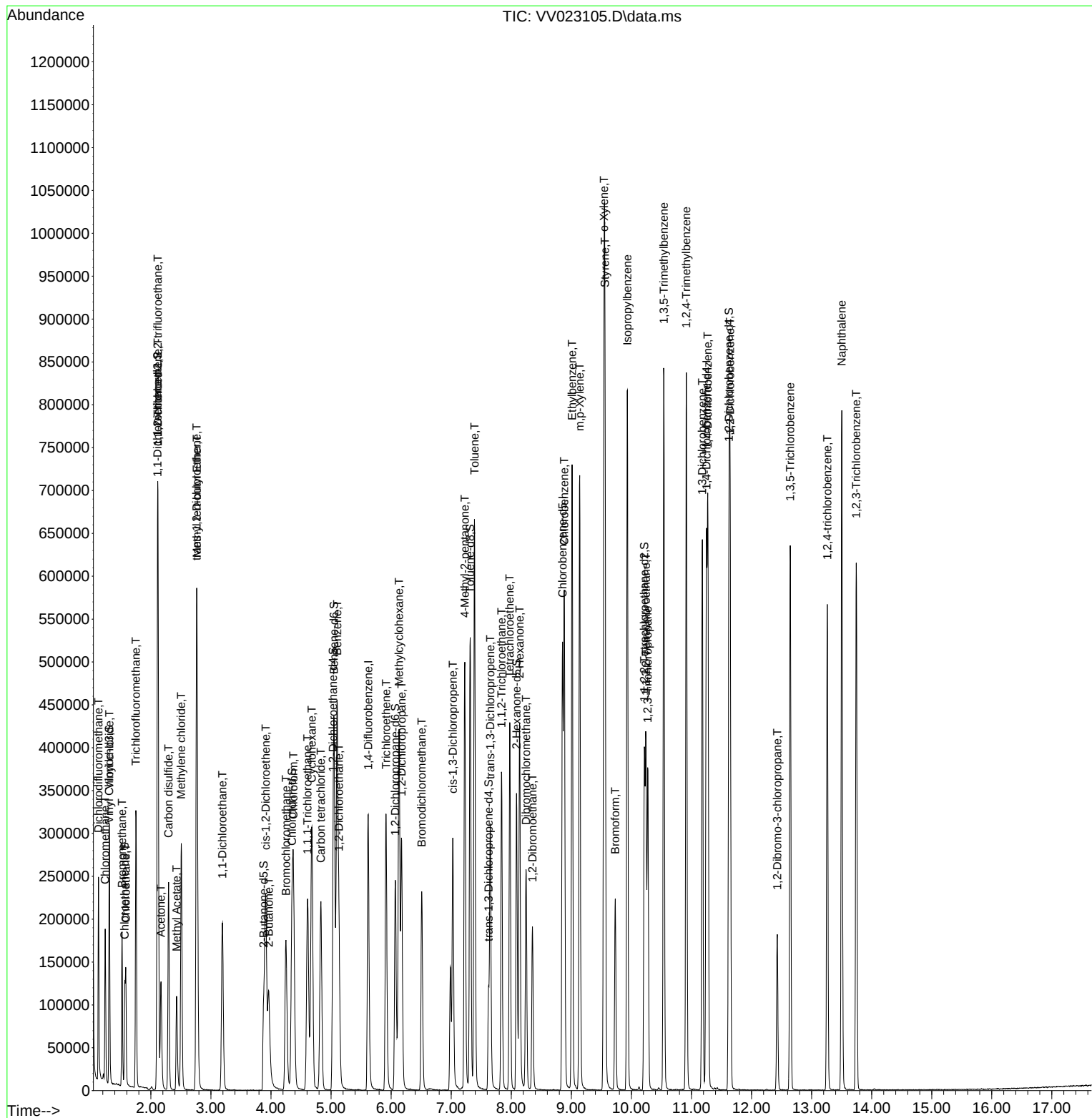
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	153372	49.144	ug/L	100
29) Cyclohexane	4.680	56	164218	50.885	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	181095	49.155	ug/L	100
31) Carbon tetrachloride	4.828	117	163355	49.331	ug/L	99
33) Benzene	5.101	78	440274	51.118	ug/L	100
34) Trichloroethene	5.915	95	111343	49.473	ug/L	98
35) Methylcyclohexane	6.130	83	176338	50.278	ug/L	98
37) 1,2-Dichloropropane	6.175	63	113626	50.200	ug/L	99
38) Bromodichloromethane	6.510	83	151322	49.394	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	175868	51.231	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	318899	109.236	ug/L	100
42) Toluene	7.387	91	477593	51.811	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	170443	51.212	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	114820	49.680	ug/L	99
46) Tetrachloroethene	7.976	164	92844	47.849	ug/L	97
48) 2-Hexanone	8.140	43	259587	111.993	ug/L	99
49) Dibromochloromethane	8.246	129	132332	50.109	ug/L	97
50) 1,2-Dibromoethane	8.352	107	122327	50.250	ug/L	98
51) Chlorobenzene	8.883	112	309135	49.647	ug/L	99
52) Ethylbenzene	9.011	91	503406	51.327	ug/L	99
53) m,p-Xylene	9.140	106	198424	52.484	ug/L	97
54) o-Xylene	9.545	106	192690	52.365	ug/L	97
55) Styrene	9.561	104	347831	54.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	185494	50.327	ug/L	99
59) Bromoform	9.731	173	98960	49.287	ug/L	99
60) Isopropylbenzene	9.934	105	511179	50.408	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	147368	49.537	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	427200	51.150	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	440153	52.496	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	255749	49.887	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	257598	48.242	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	256196	49.423	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41441	49.911	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	191754	49.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	169212	50.352	ug/L	99
71) Naphthalene	13.503	128	585279	54.245	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	184875	52.045	ug/L	98

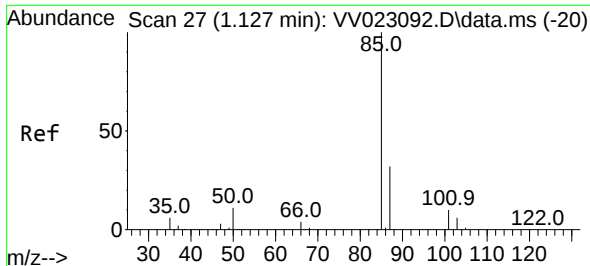
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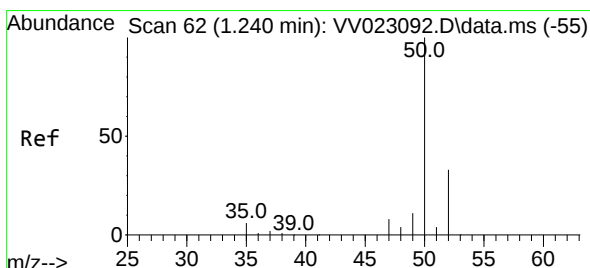
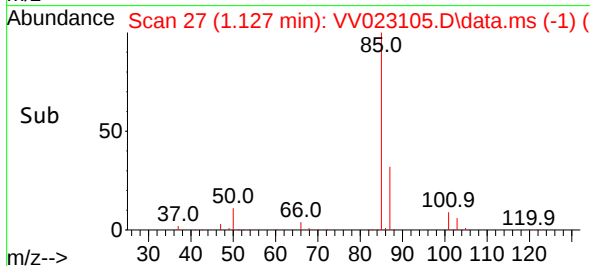
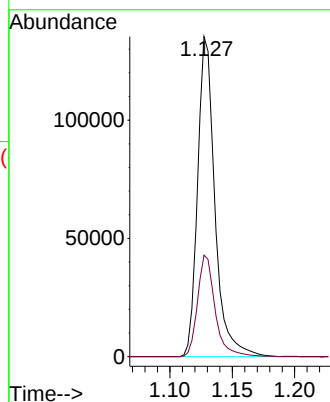
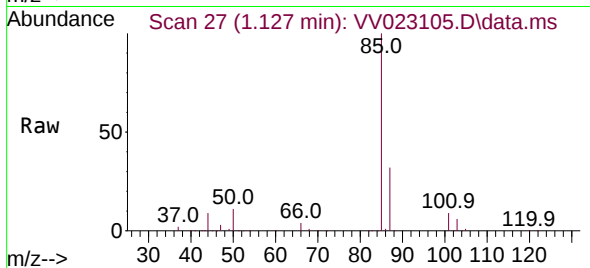




#2
Dichlorodifluoromethane
Concen: 48.404 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

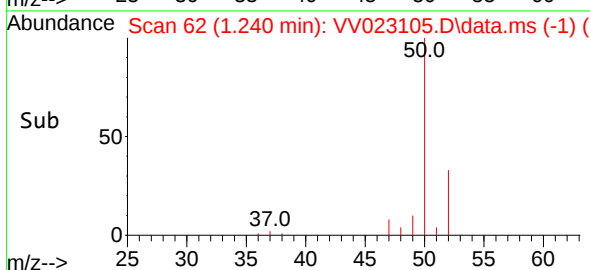
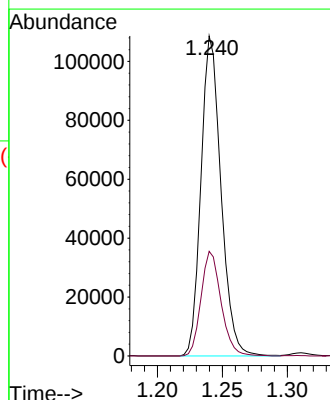
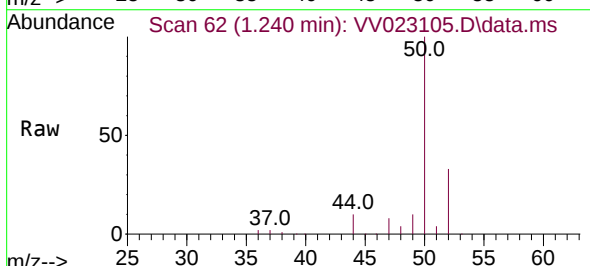
Instrument :
MSVOA_V
ClientSampled :

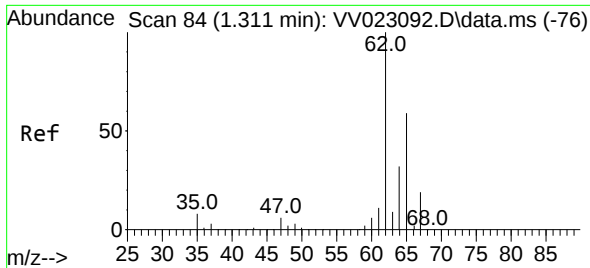
Tgt Ion: 85 Resp: 130616
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 45.842 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 50 Resp: 116674
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

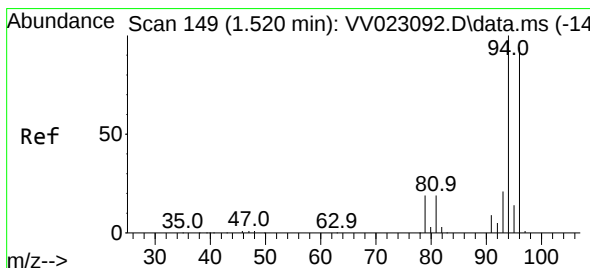
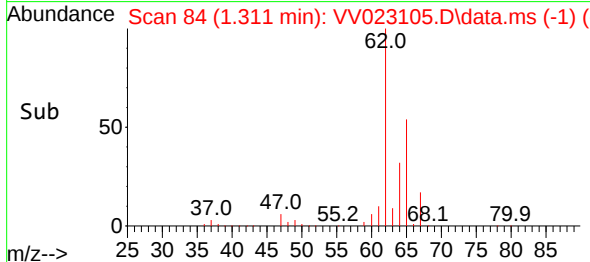
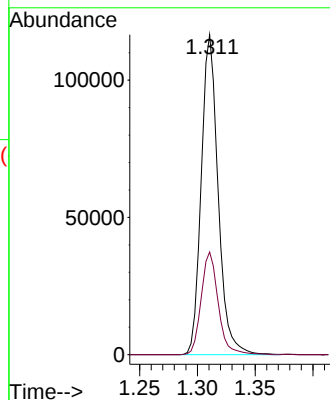
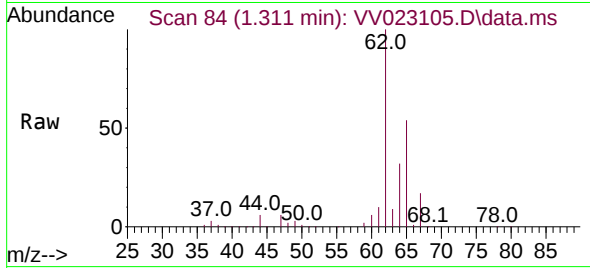




#5
 Vinyl chloride
 Concen: 46.646 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023105.D
 Acq: 29 Oct 2021 15:11

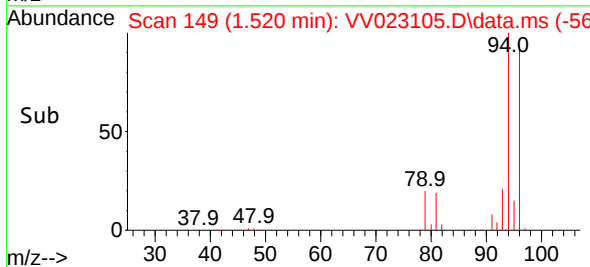
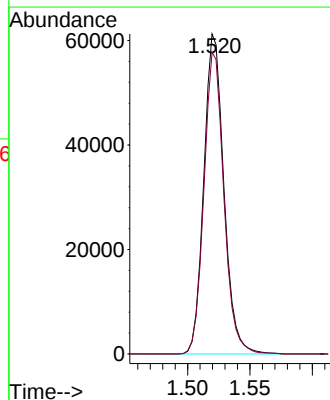
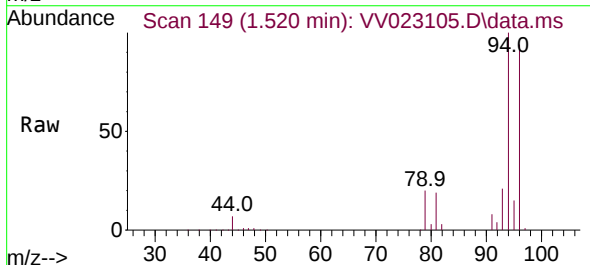
Instrument :
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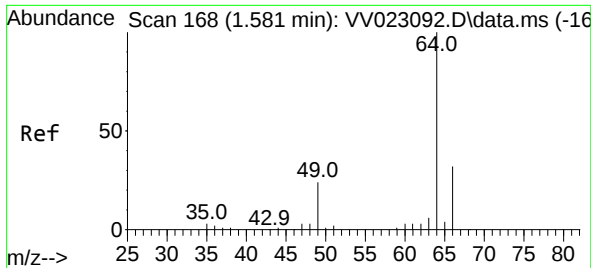
Tgt Ion: 62 Resp: 118632
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#6
 Bromomethane
 Concen: 48.044 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023105.D
 Acq: 29 Oct 2021 15:11

Tgt Ion: 94 Resp: 68643
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.8 124.2

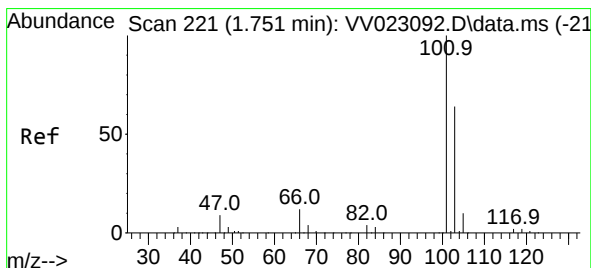
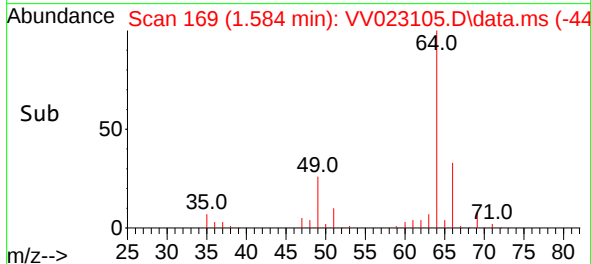
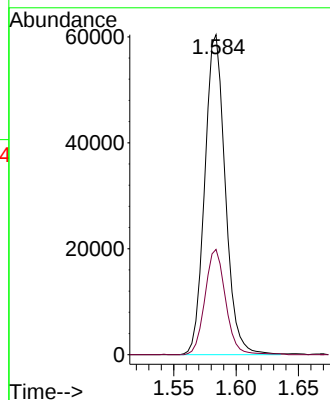
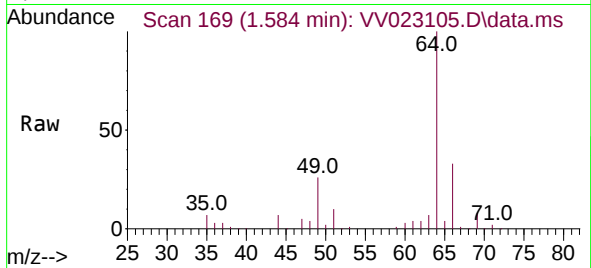




#8
Chloroethane
Concen: 44.683 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

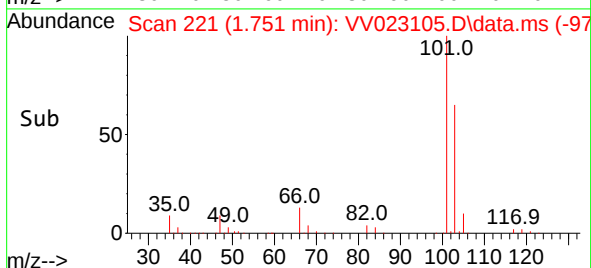
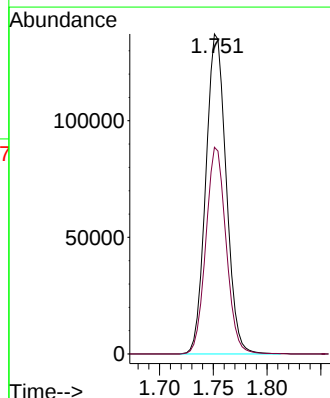
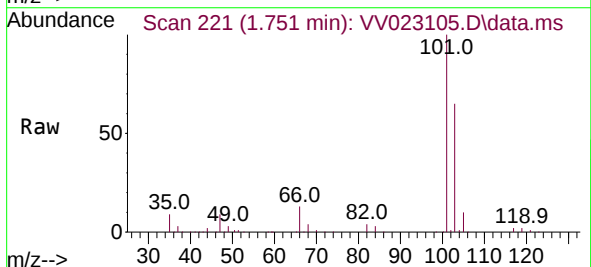
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ClientSampled :

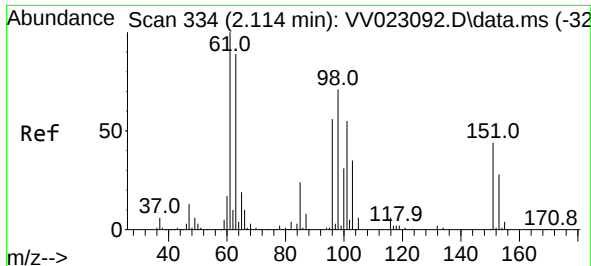
Tgt Ion: 64 Resp: 69185
Ion Ratio Lower Upper
64 100
66 32.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 46.901 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion:101 Resp: 181021
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

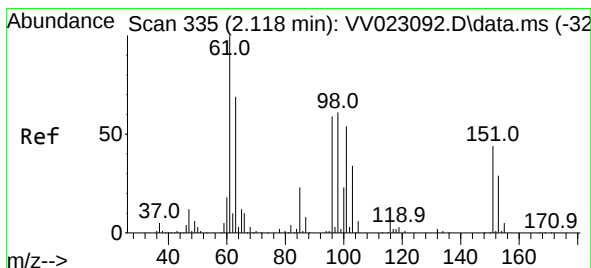
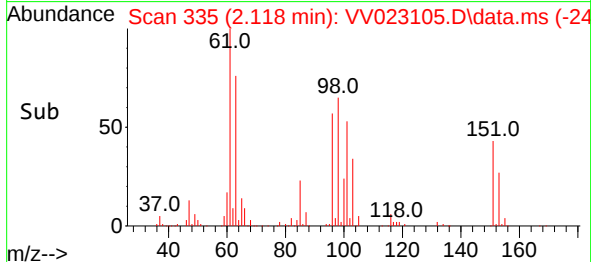
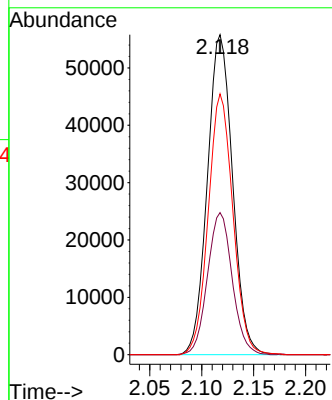
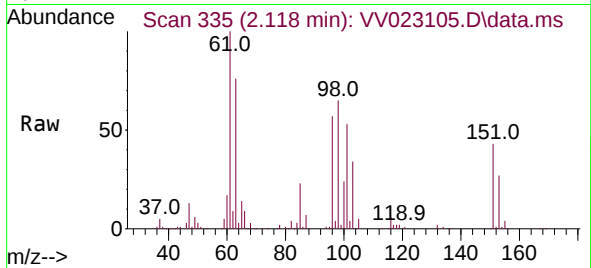




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.967 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

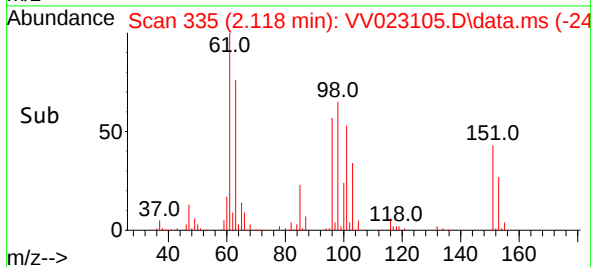
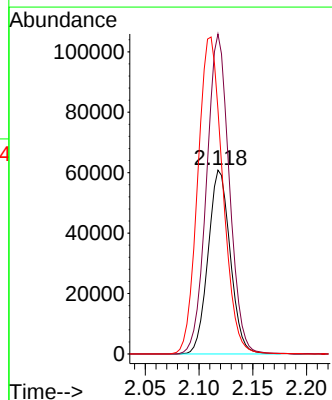
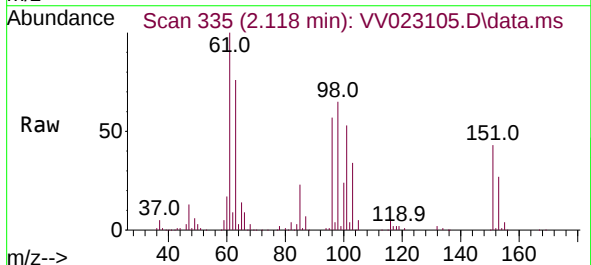
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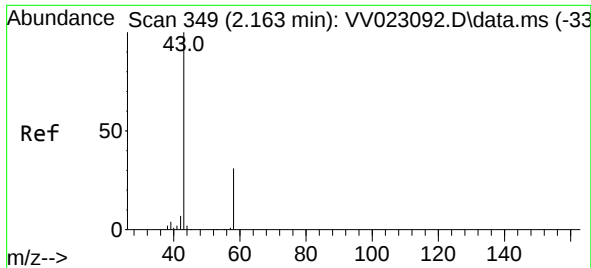
Tgt Ion:101 Resp: 94189
Ion Ratio Lower Upper
101 100
85 43.5 35.1 52.7
151 79.8 63.4 95.2



#12
1,1-Dichloroethene
Concen: 45.838 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 96 Resp: 87154
Ion Ratio Lower Upper
96 100
61 174.1 117.7 218.7
63 132.9 79.2 147.2

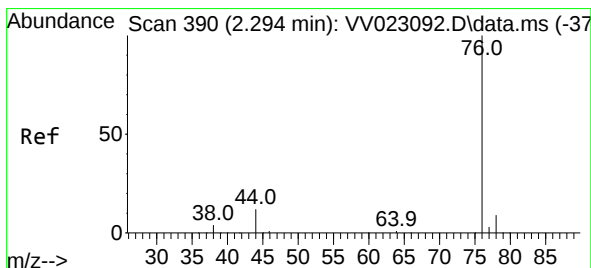
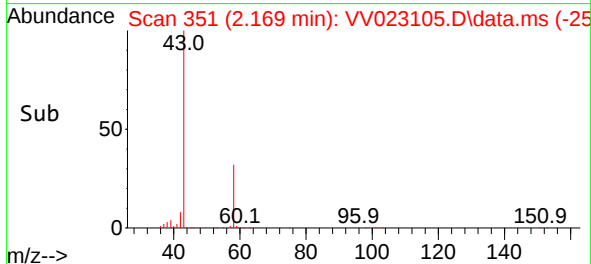
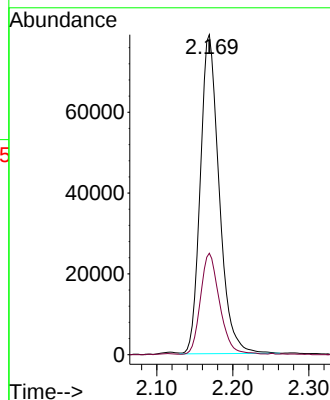
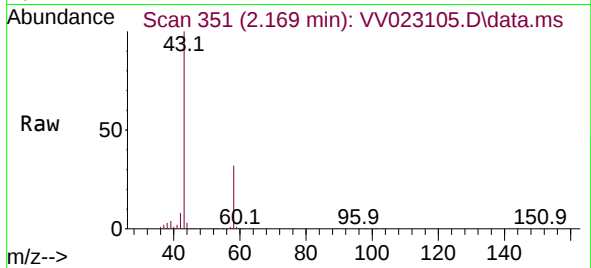




#13
Acetone
Concen: 93.602 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.006 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

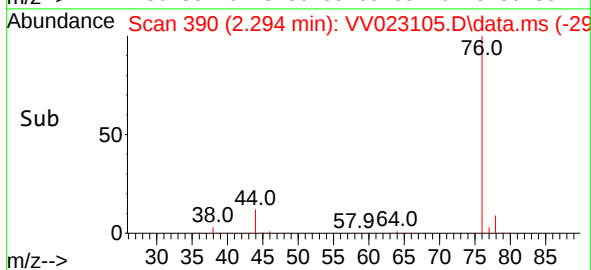
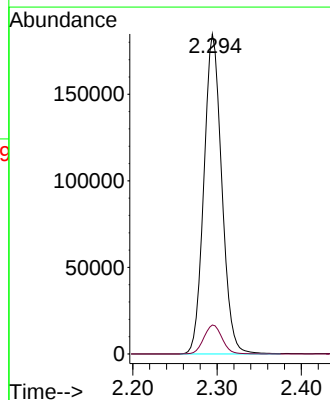
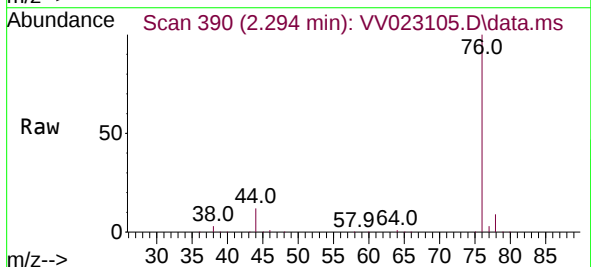
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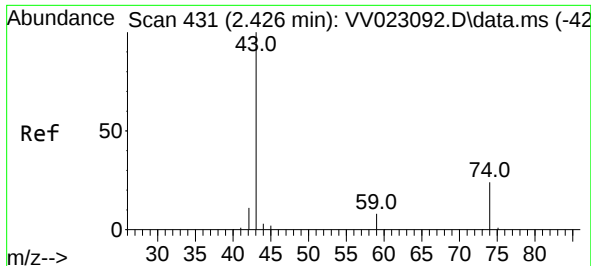
Tgt Ion: 43 Resp: 135980
Ion Ratio Lower Upper
43 100
58 32.1 0.0 0.4#



#14
Carbon disulfide
Concen: 48.088 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 273430
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

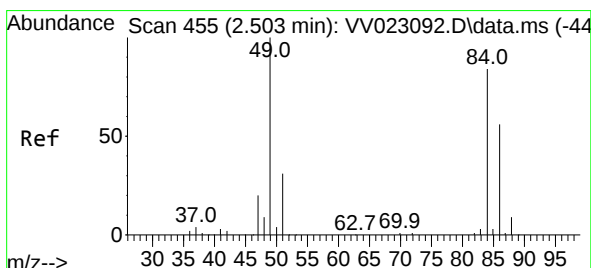
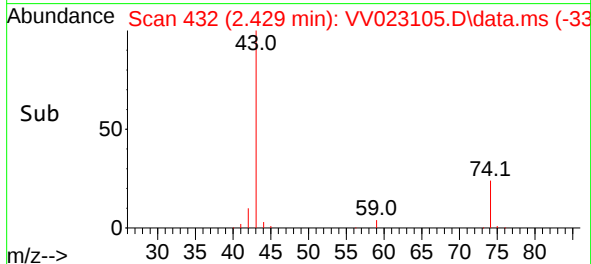
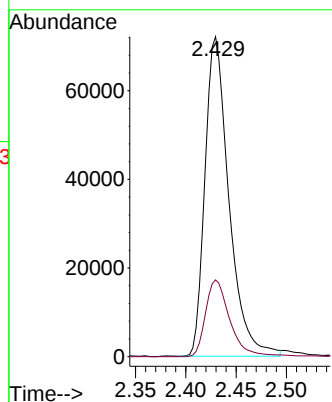
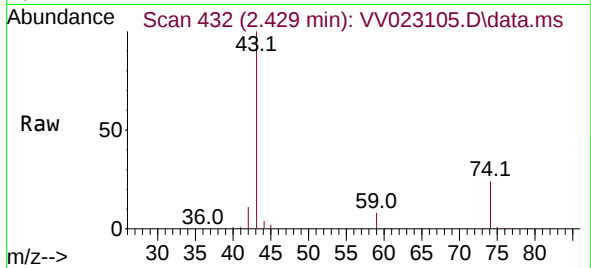




#15
Methyl Acetate
Concen: 49.680 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

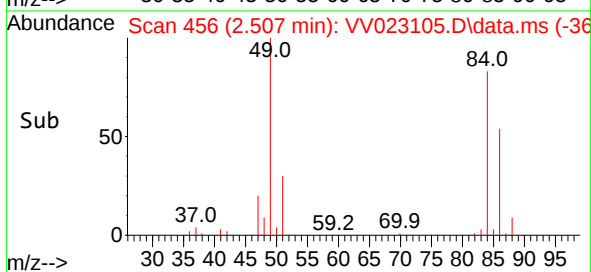
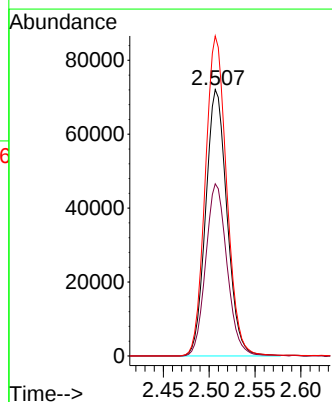
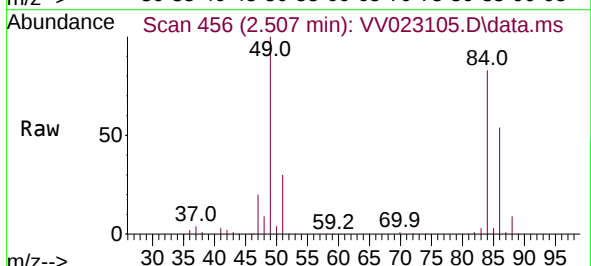
Instrument :
MSVOA_V
ClientSampled :

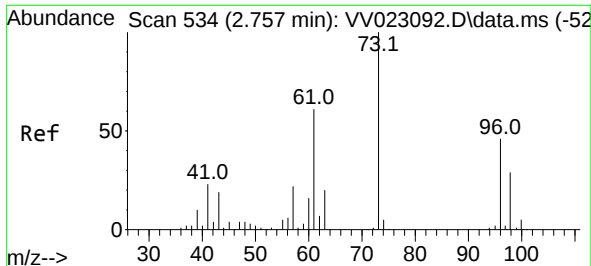
Tgt Ion: 43 Resp: 119794
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2



#16
Methylene chloride
Concen: 47.941 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 84 Resp: 116771
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 120.1 83.0 154.1

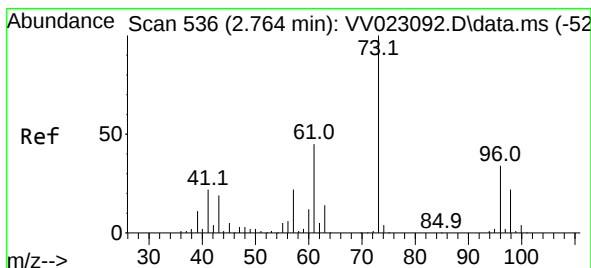
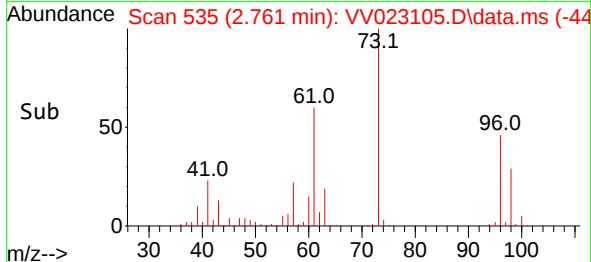
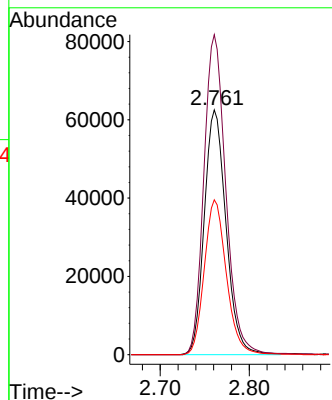
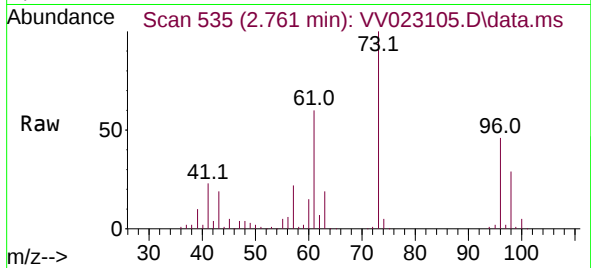




#17
trans-1,2-Dichloroethene
Concen: 48.879 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

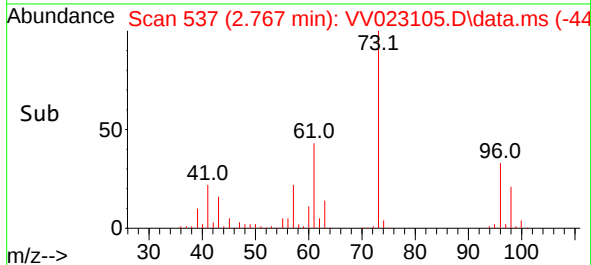
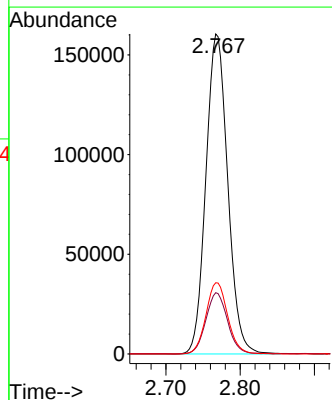
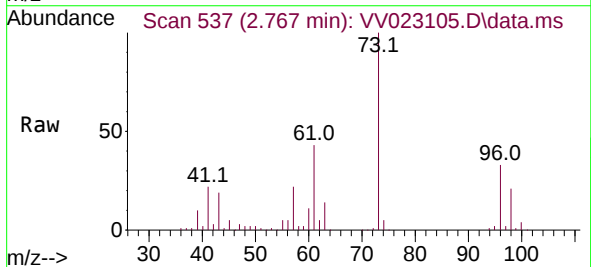
Instrument :
MSVOA_V
ClientSampleId :

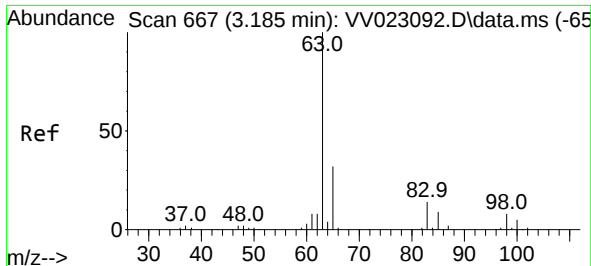
Tgt Ion: 96 Resp: 106062
Ion Ratio Lower Upper
96 100
61 130.7 92.2 171.2
98 63.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 50.310 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 73 Resp: 327846
Ion Ratio Lower Upper
73 100
43 19.1 14.9 22.3
57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 48.476 ug/L

RT: 3.192 min Scan# 669

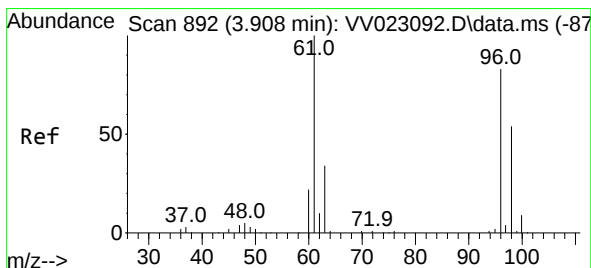
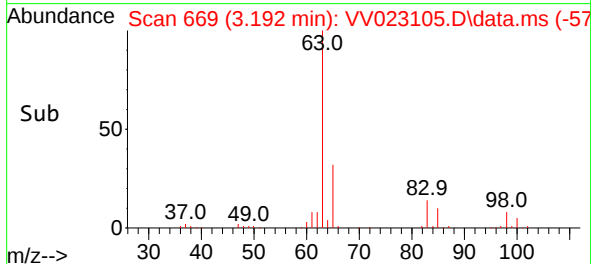
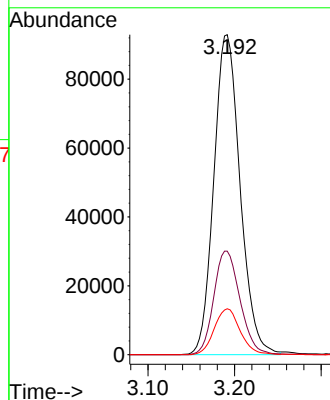
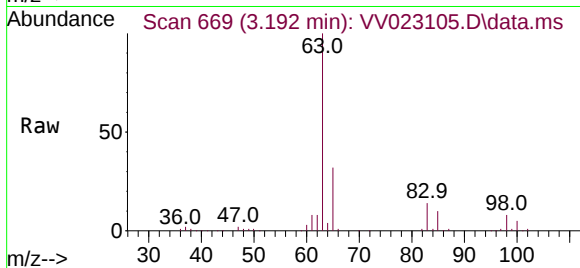
Delta R.T. 0.006 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

Tgt Ion: 63 Resp: 195981

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.3	41.5
83	14.3	9.8	18.2



#20

cis-1,2-Dichloroethene

Concen: 50.404 ug/L

RT: 3.912 min Scan# 893

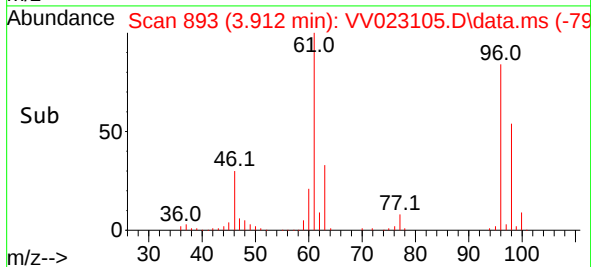
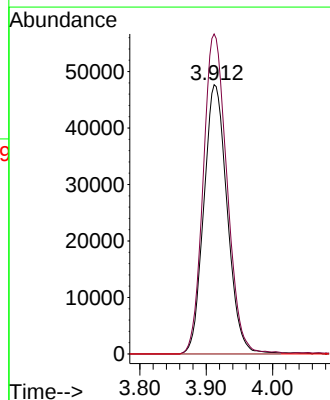
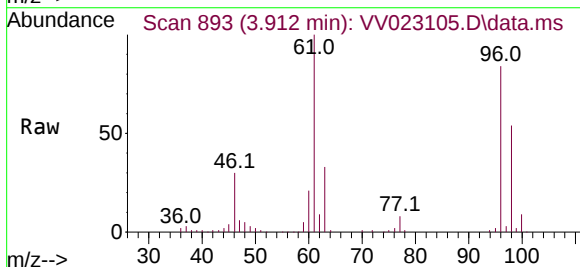
Delta R.T. 0.003 min

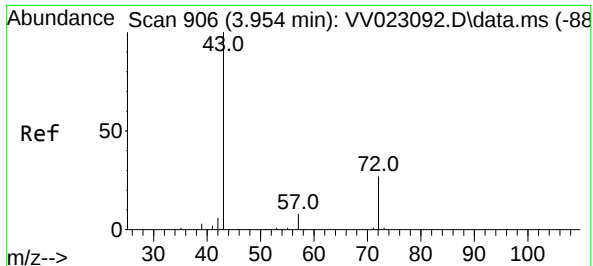
Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

Tgt Ion: 96 Resp: 116911

Ion	Ratio	Lower	Upper
96	100		
61	118.8	83.0	154.1
68	0.0	0.0	0.0

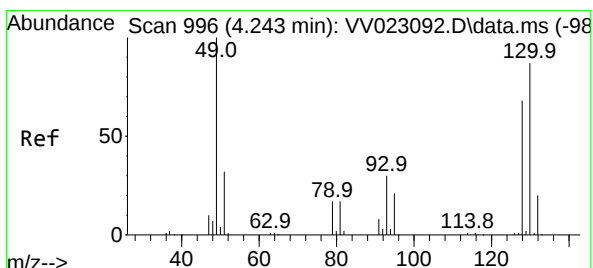
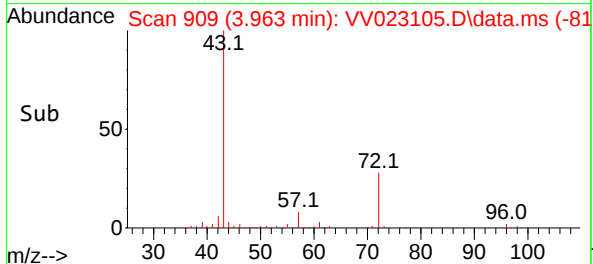
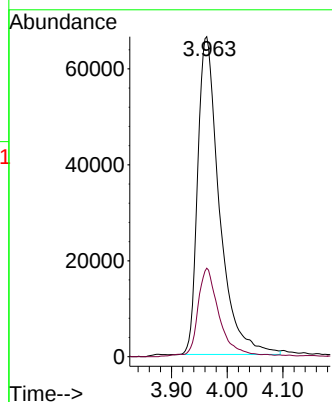
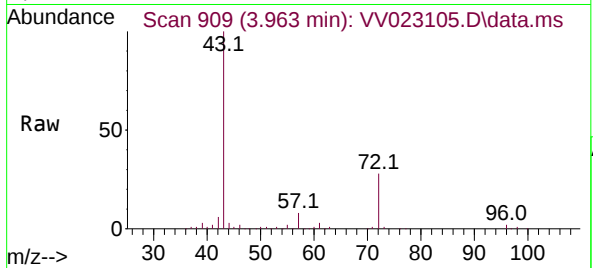




#22
2-Butanone
Concen: 108.242 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.010 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

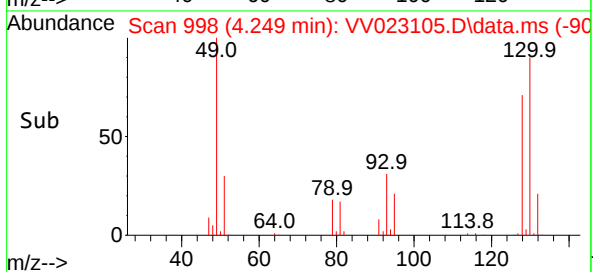
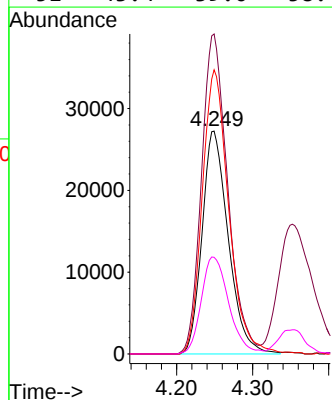
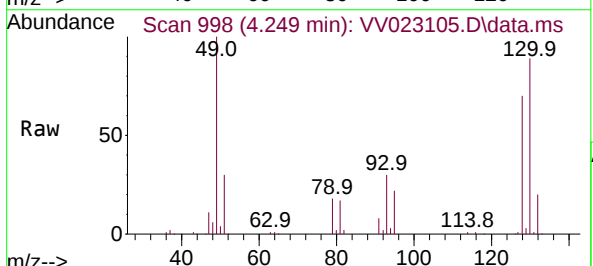
Instrument :
MSVOA_V
ClientSampled :

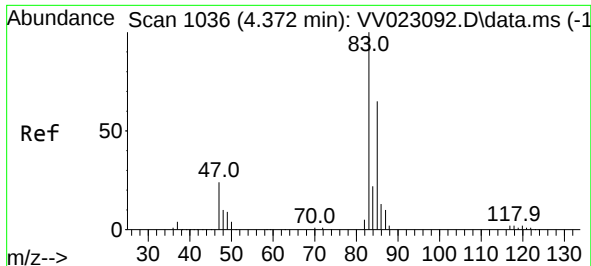
Tgt Ion: 43 Resp: 179226
Ion Ratio Lower Upper
43 100
72 25.8 13.4 40.1



#23
Bromochloromethane
Concen: 49.952 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 128 Resp: 65295
Ion Ratio Lower Upper
128 100
49 143.6 104.7 194.4
130 127.5 89.7 166.7
51 43.4 39.0 58.4





#25

Chloroform

Concen: 49.245 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023105.D

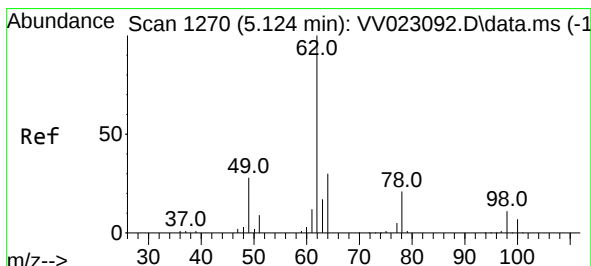
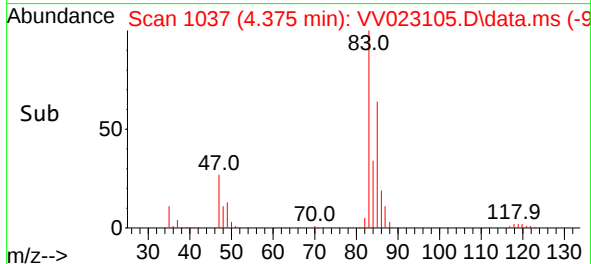
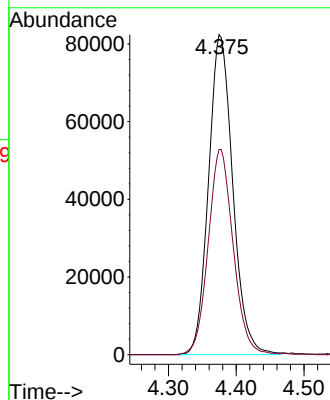
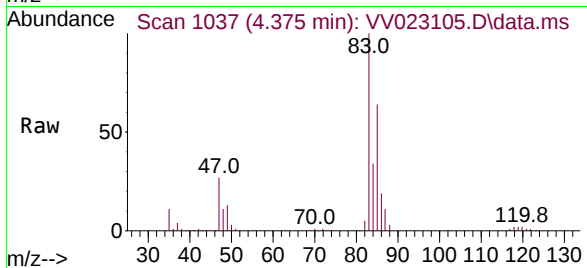
Acq: 29 Oct 2021 15:11

Tgt Ion: 83 Resp: 204743

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 49.144 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV023105.D

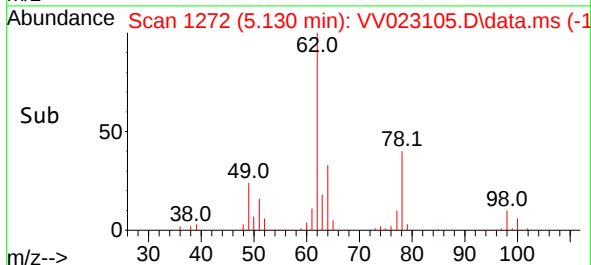
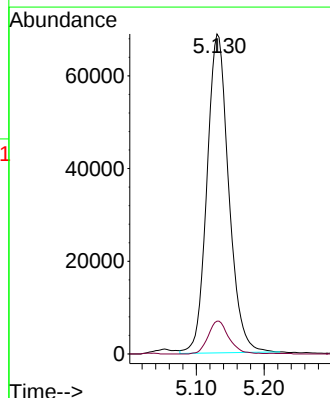
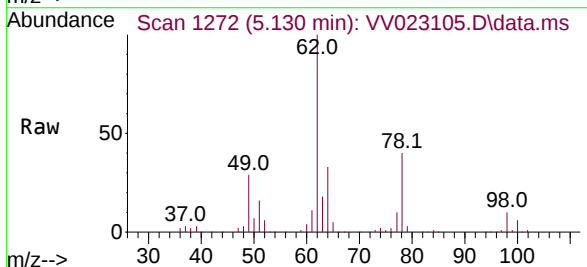
Acq: 29 Oct 2021 15:11

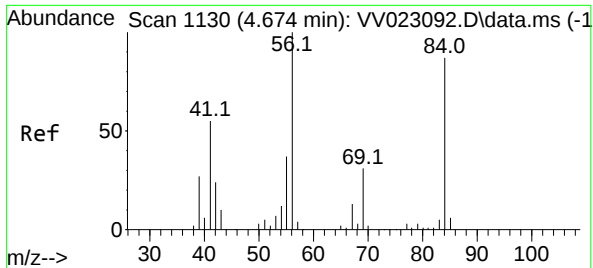
Tgt Ion: 62 Resp: 153372

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 50.885 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

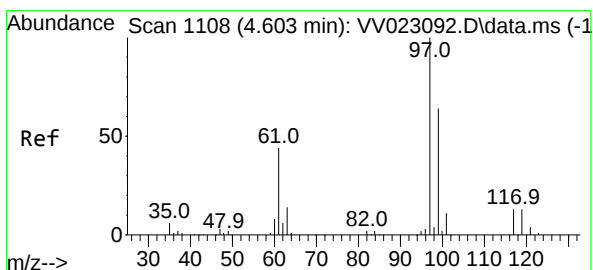
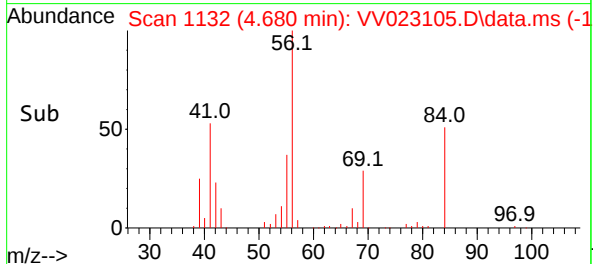
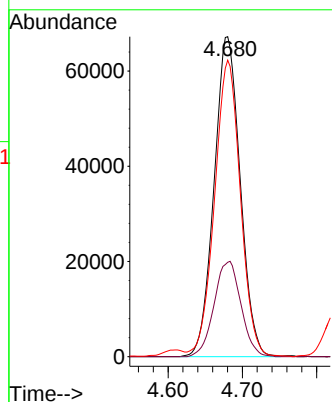
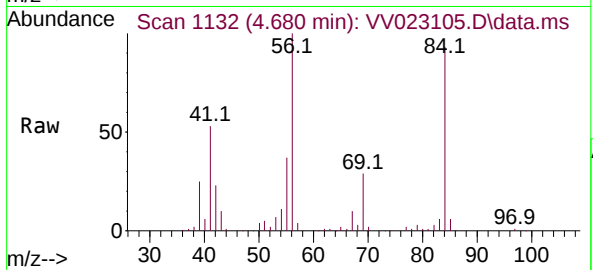
Tgt Ion: 56 Resp: 164218

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 91.8 72.8 109.2



#30

1,1,1-Trichloroethane

Concen: 49.155 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

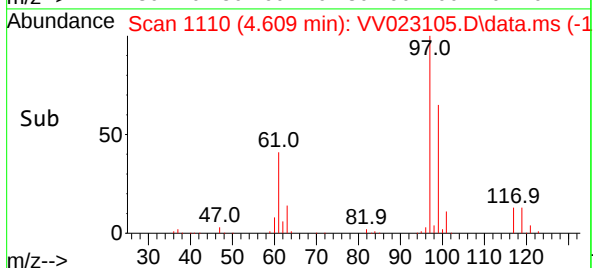
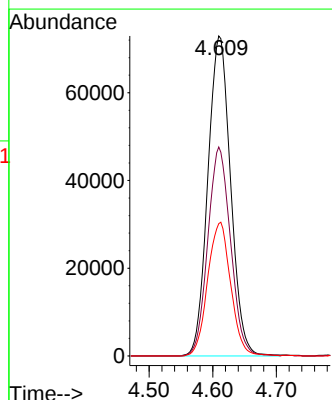
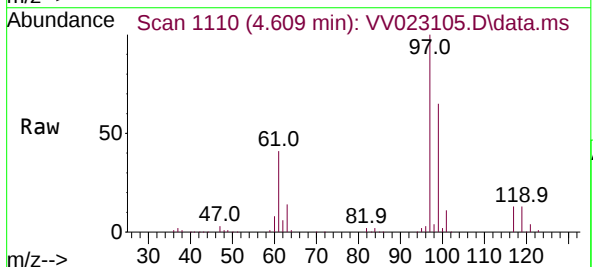
Tgt Ion: 97 Resp: 181095

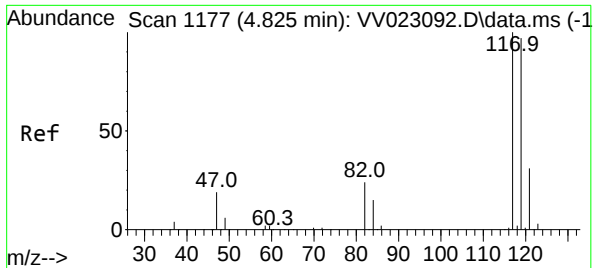
Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 42.2 33.8 50.6

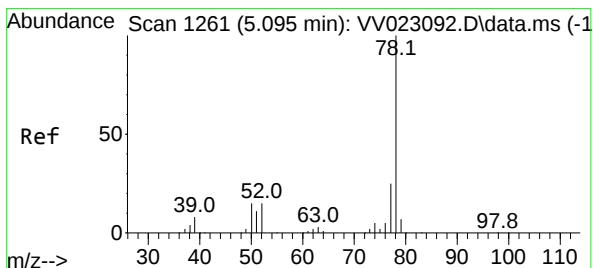
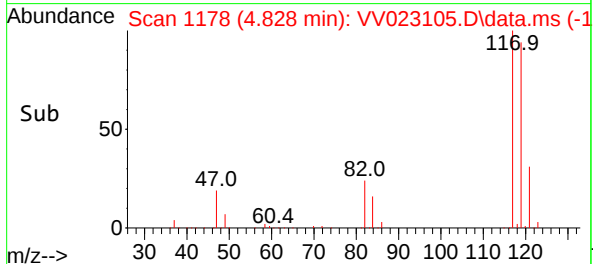
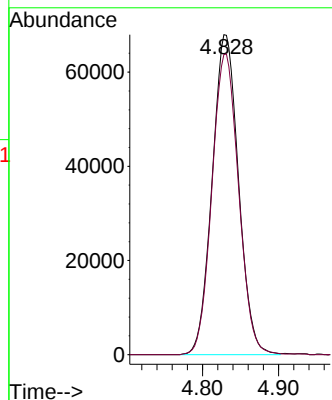
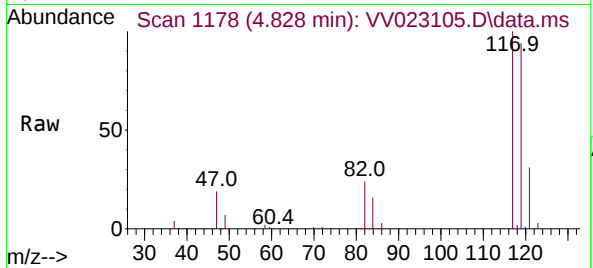




#31
Carbon tetrachloride
Concen: 49.331 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

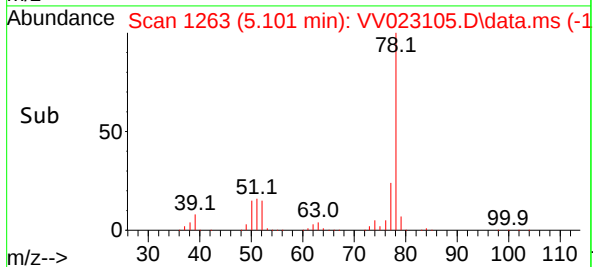
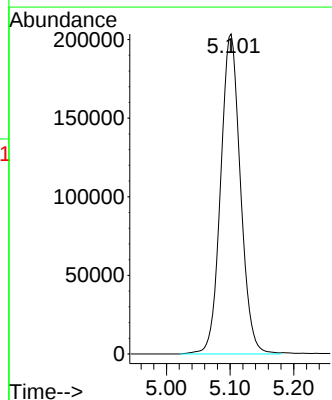
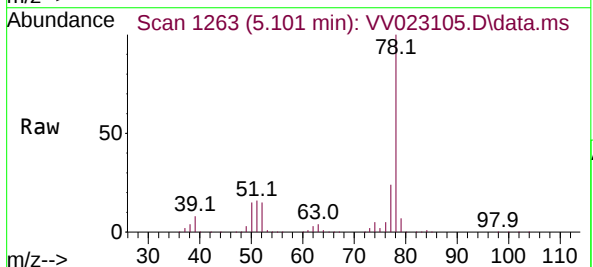
Instrument :
MSVOA_V
ClientSampled :

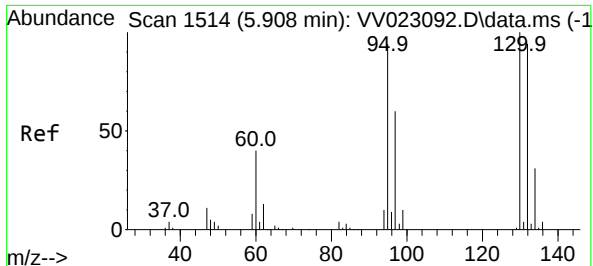
Tgt Ion:117 Resp: 163355
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 51.118 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 78 Resp: 440274

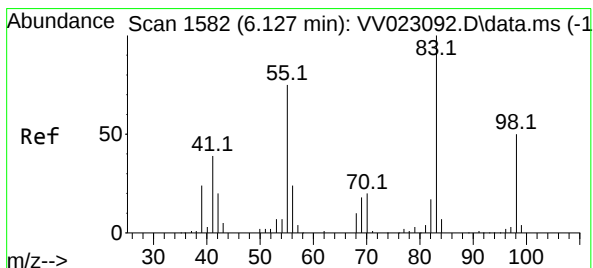
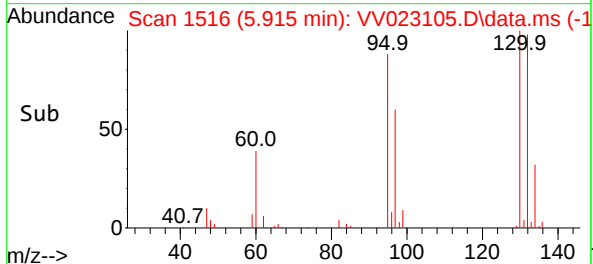
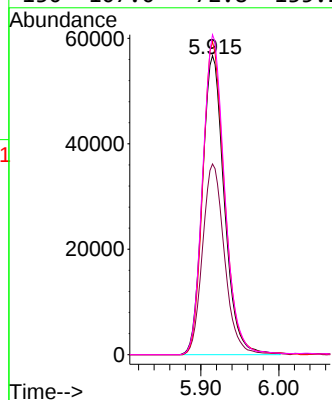
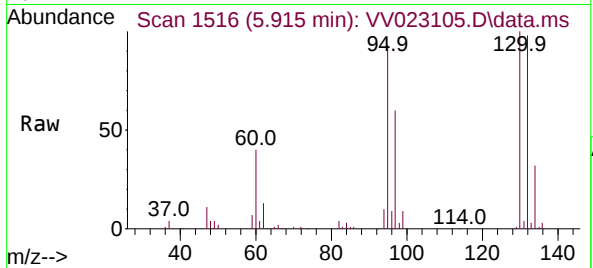




#34
Trichloroethene
Concen: 49.473 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

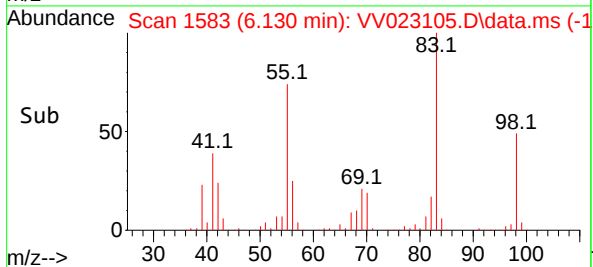
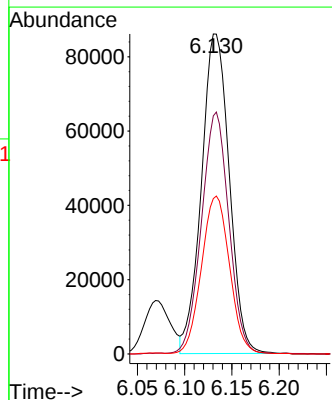
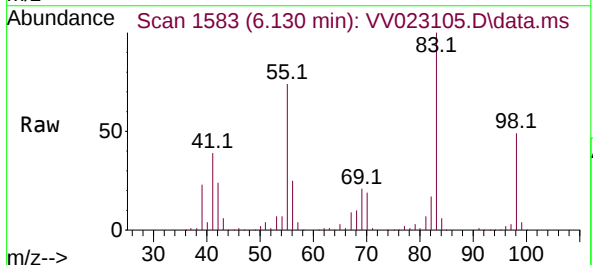
Instrument :
MSVOA_V
ClientSampleId :

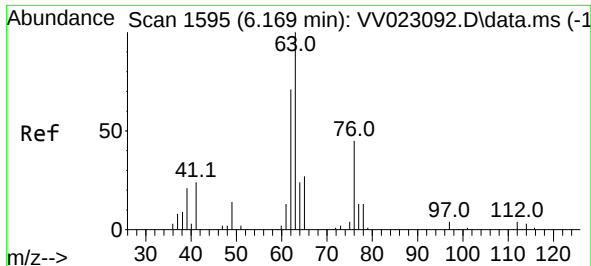
Tgt Ion: 95 Resp: 111343
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.5
132 104.7 71.5 132.9
130 107.0 72.8 135.2



#35
Methylcyclohexane
Concen: 50.278 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 83 Resp: 176338
Ion Ratio Lower Upper
83 100
55 74.4 60.1 90.1
98 49.4 41.2 61.8

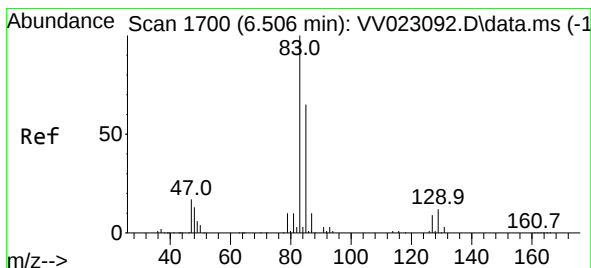
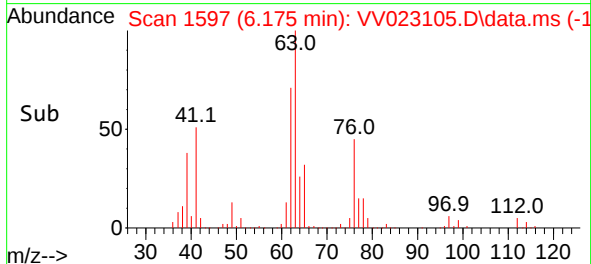
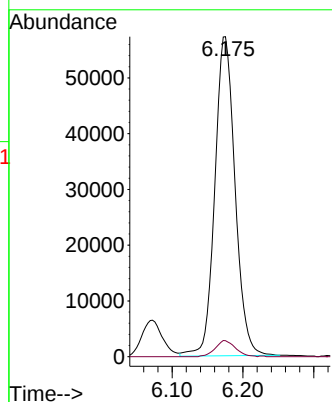
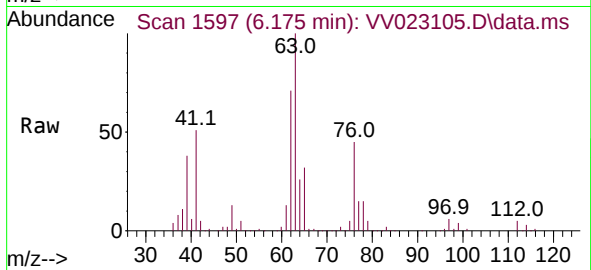




#37
1,2-Dichloropropane
Concen: 50.200 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

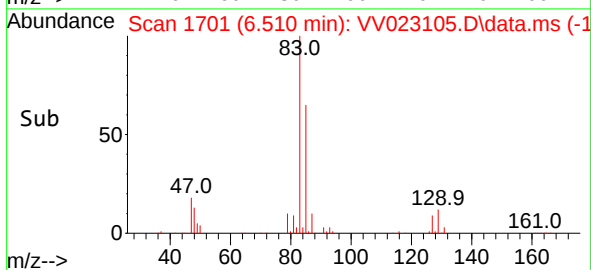
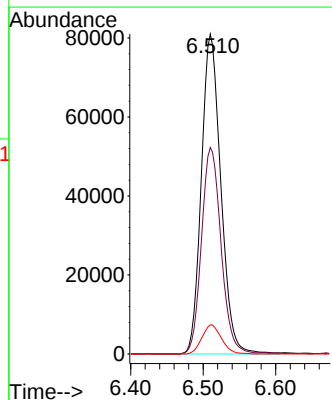
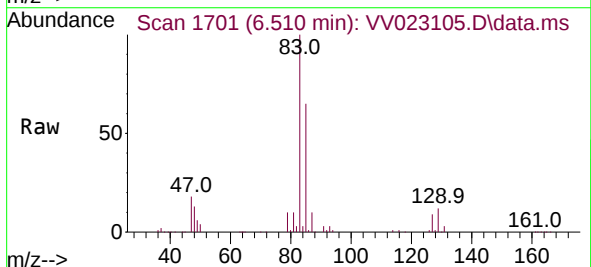
Instrument :
MSVOA_V
ClientSampleId :

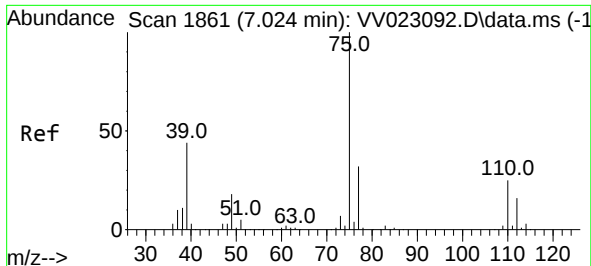
Tgt Ion: 63 Resp: 113626
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8



#38
Bromodichloromethane
Concen: 49.394 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 83 Resp: 151322
Ion Ratio Lower Upper
83 100
85 64.5 46.1 85.5
127 9.1 7.4 11.0



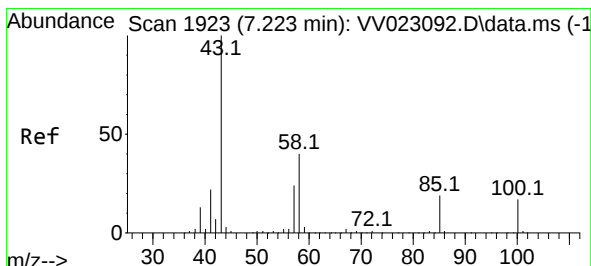
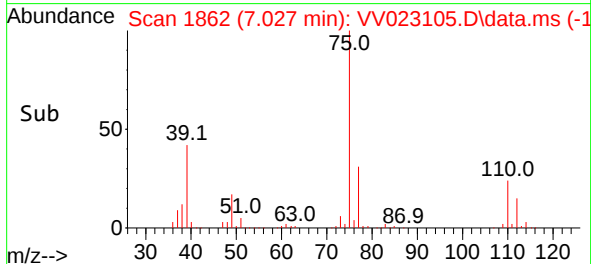
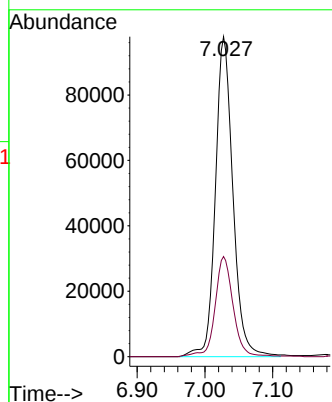
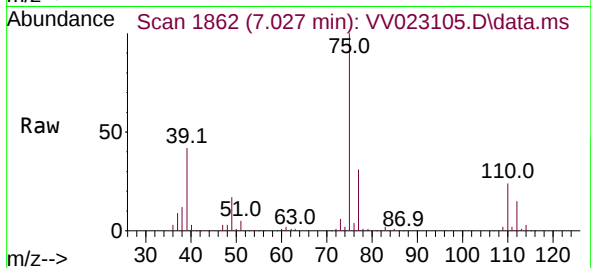


#39

cis-1,3-Dichloropropene
 Concen: 51.231 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV023105.D
 Acq: 29 Oct 2021 15:11

Instrument :
 MSVOA_V
 ClientSampleId :

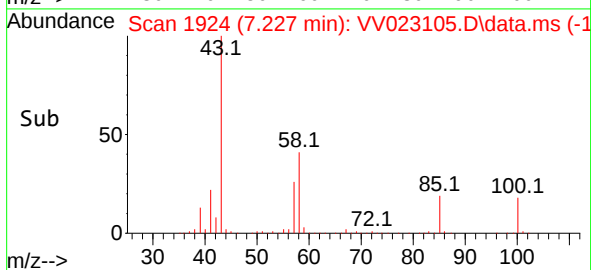
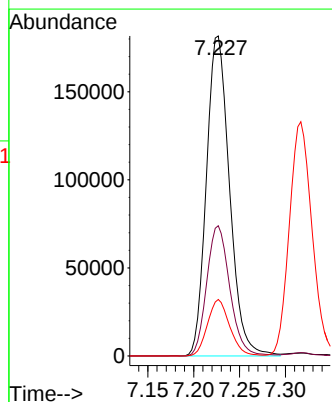
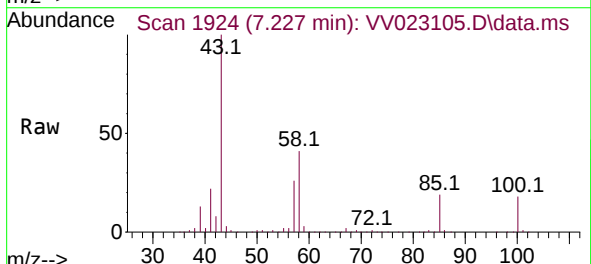
Tgt Ion: 75 Resp: 175868
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.8 40.6

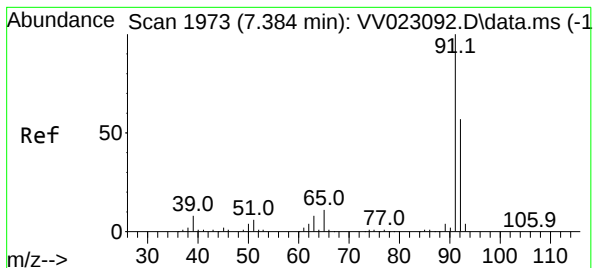


#40

4-Methyl-2-pentanone
 Concen: 109.236 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV023105.D
 Acq: 29 Oct 2021 15:11

Tgt Ion: 43 Resp: 318899
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.4 48.6
 100 17.0 13.4 20.2





#42

Toluene

Concen: 51.811 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023105.D

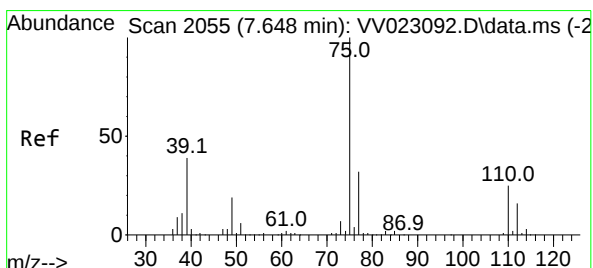
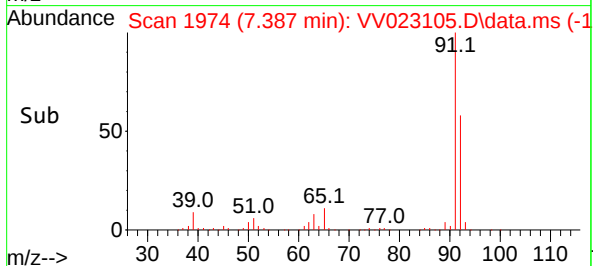
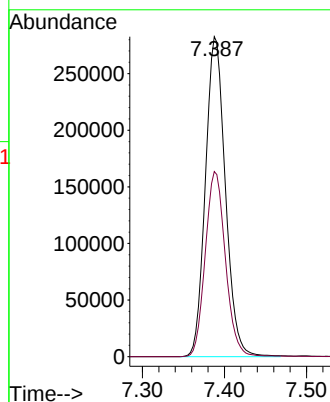
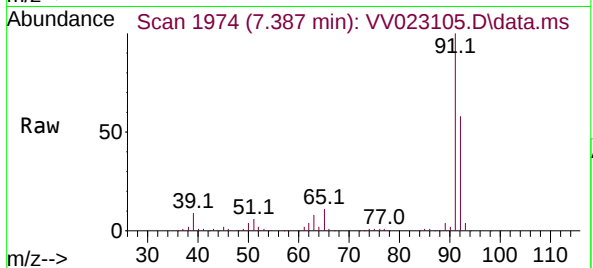
Acq: 29 Oct 2021 15:11

Tgt Ion: 91 Resp: 477593

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 51.212 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV023105.D

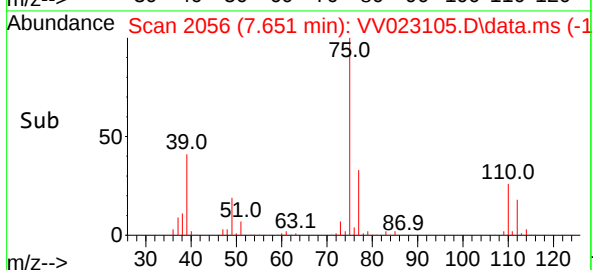
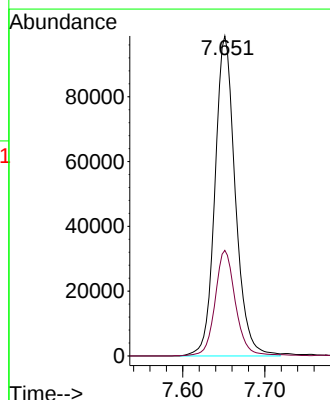
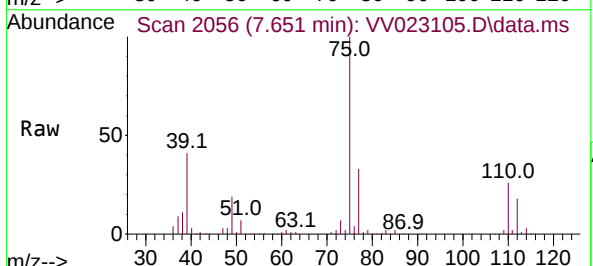
Acq: 29 Oct 2021 15:11

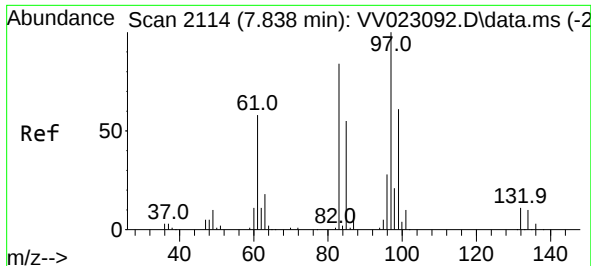
Tgt Ion: 75 Resp: 170443

Ion Ratio Lower Upper

75 100

77 33.0 21.4 39.8



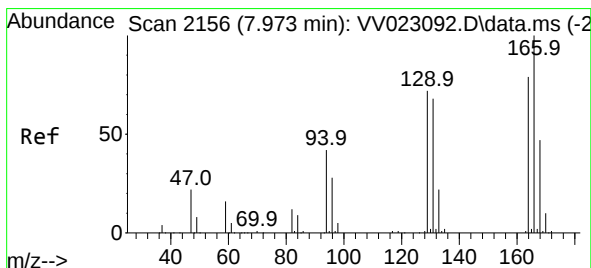
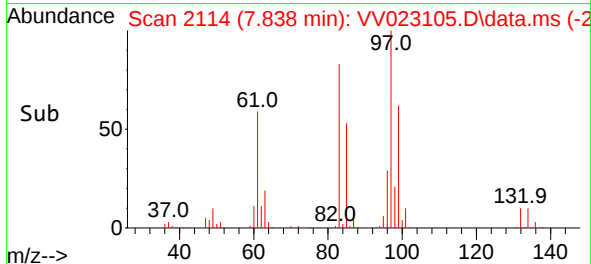
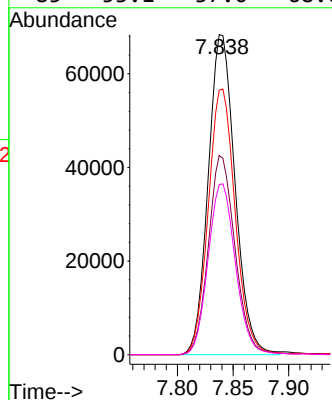
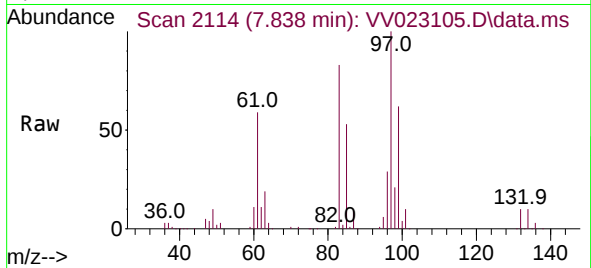


#45
1,1,2-Trichloroethane
Concen: 49.680 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 114820

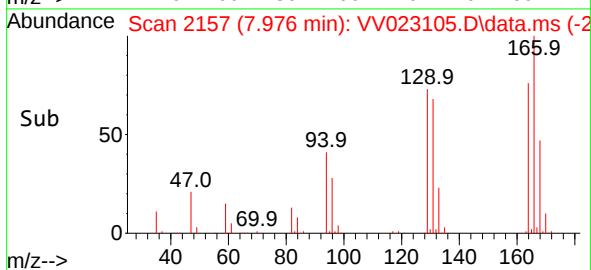
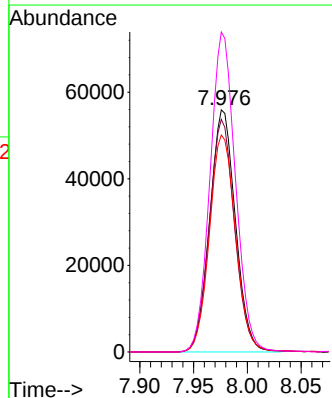
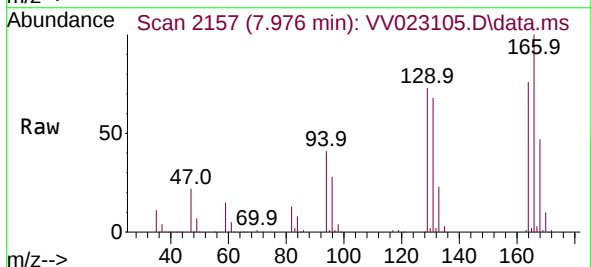
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.2	82.2
83	82.7	57.7	107.1
85	53.1	37.0	68.6

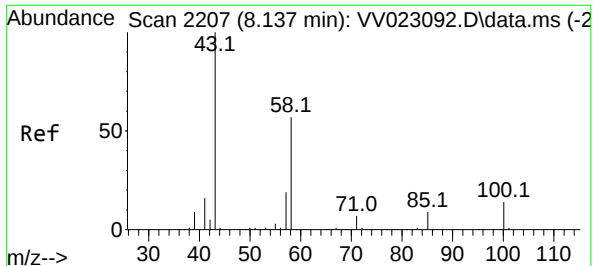


#46
Tetrachloroethene
Concen: 47.849 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 164 Resp: 92844

Ion	Ratio	Lower	Upper
164	100		
129	96.1	64.6	120.0
131	89.6	62.9	116.7
166	132.2	88.4	164.2



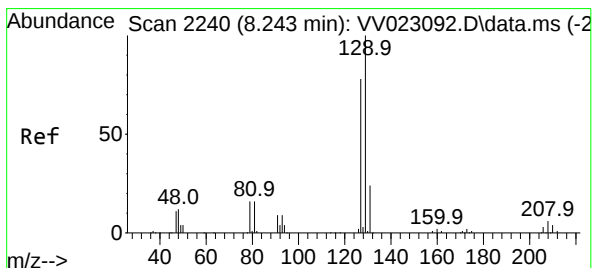
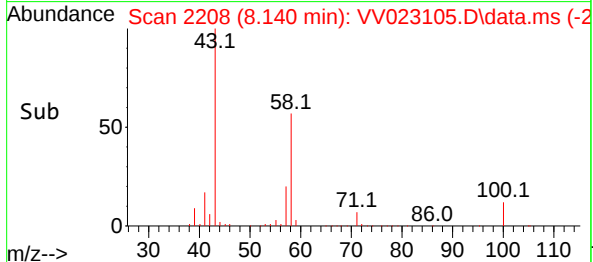
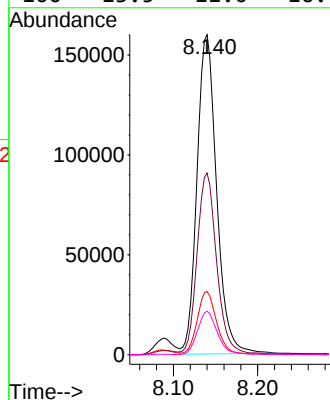
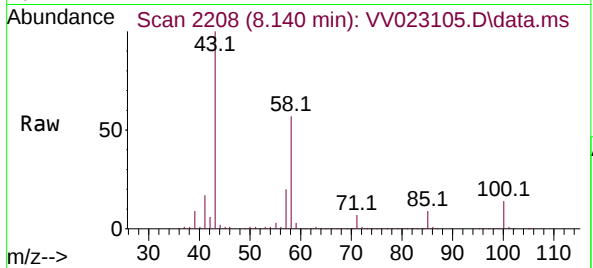


#48
2-Hexanone
Concen: 111.993 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 259587

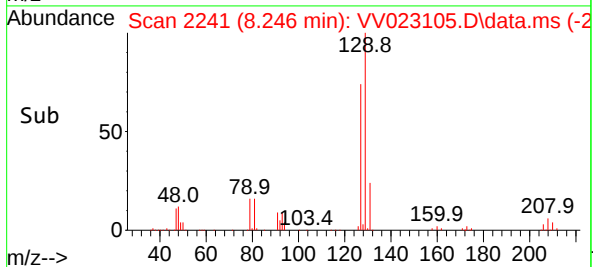
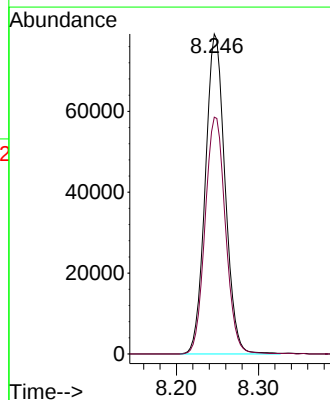
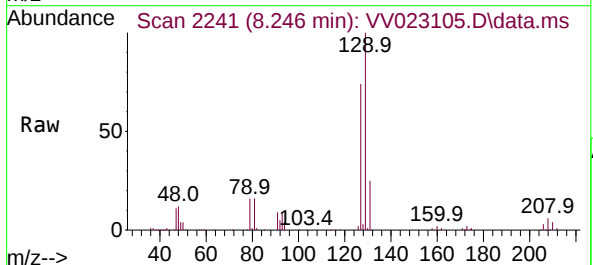
Ion	Ratio	Lower	Upper
43	100		
58	55.6	45.6	68.4
57	19.3	15.4	23.0
100	13.5	11.0	16.4

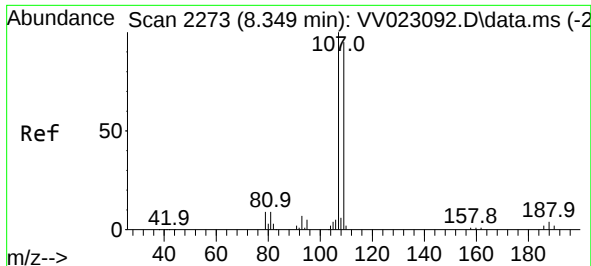


#49
Dibromochloromethane
Concen: 50.109 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 129 Resp: 132332

Ion	Ratio	Lower	Upper
129	100		
127	74.0	53.9	100.1





#50

1,2-Dibromoethane

Concen: 50.250 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.003 min

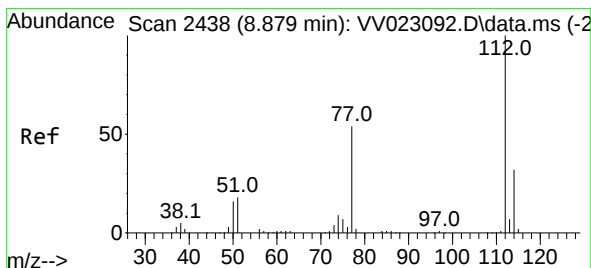
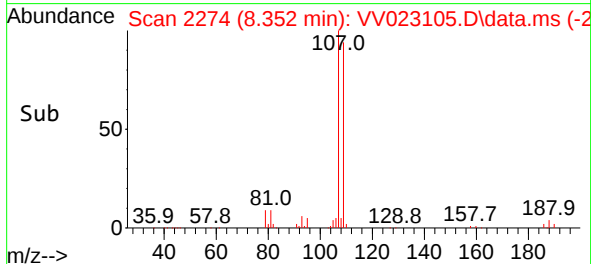
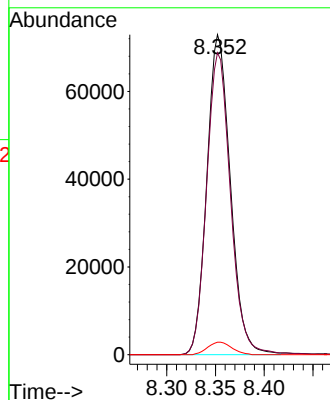
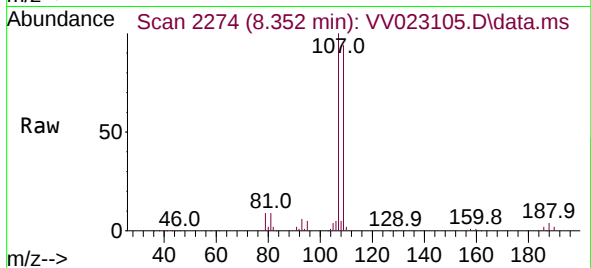
Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 122327

Ion	Ratio	Lower	Upper
107	100		
109	94.3	67.3	124.9
188	3.9	3.3	4.9



#51

Chlorobenzene

Concen: 49.647 ug/L

RT: 8.883 min Scan# 2439

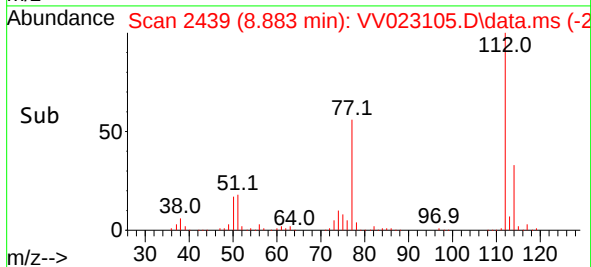
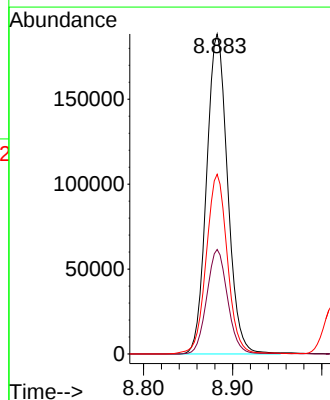
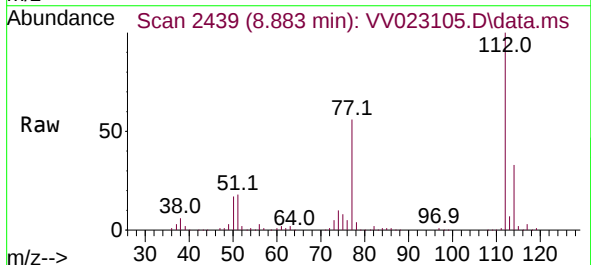
Delta R.T. 0.003 min

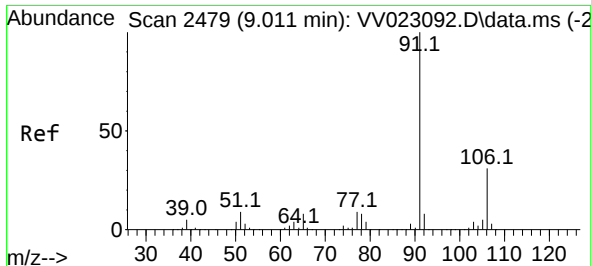
Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

Tgt Ion:112 Resp: 309135

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.2	41.2
77	56.2	44.6	67.0

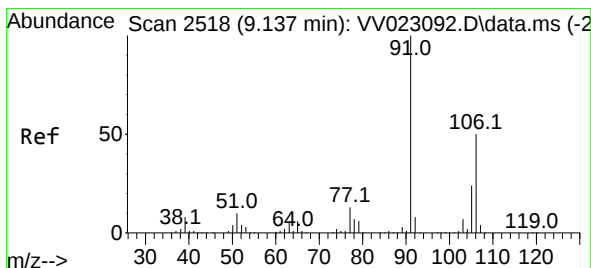
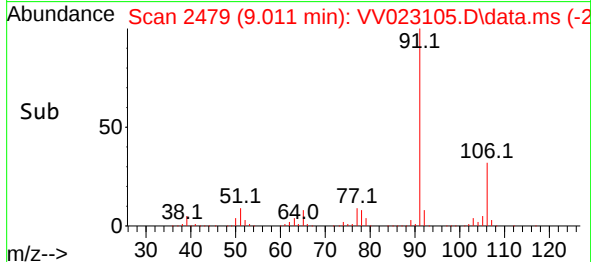
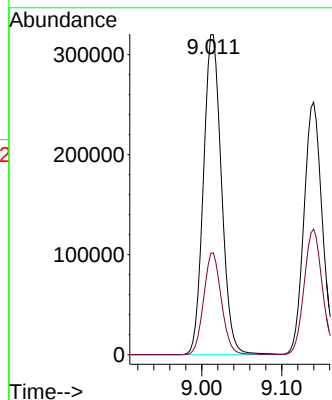
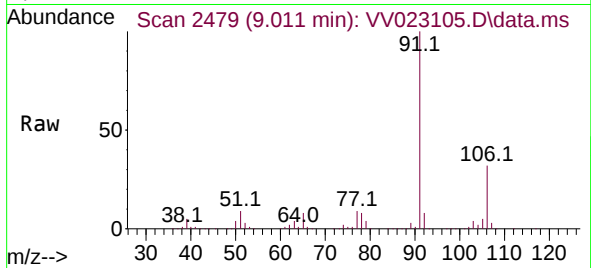




#52
Ethylbenzene
Concen: 51.327 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

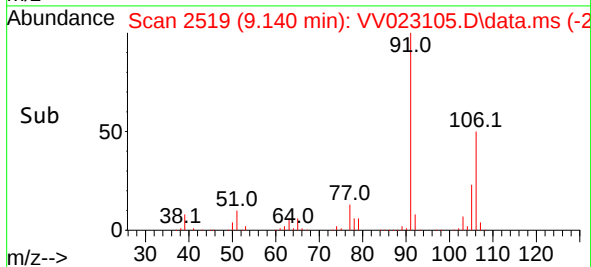
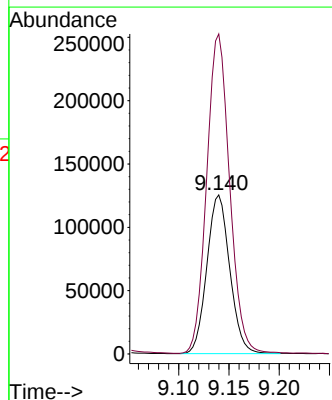
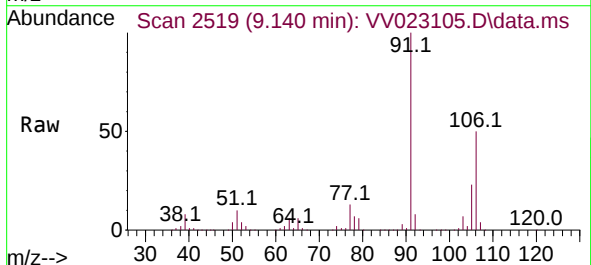
Instrument :
MSVOA_V
ClientSampled :

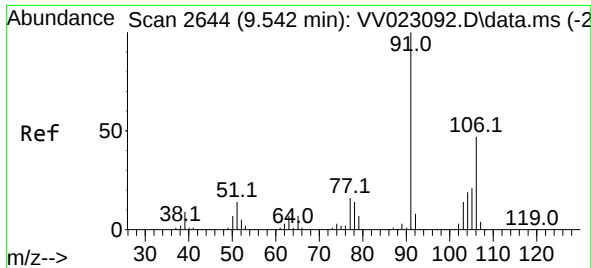
Tgt Ion: 91 Resp: 503406
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.4



#53
m,p-Xylene
Concen: 52.484 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 106 Resp: 198424
Ion Ratio Lower Upper
106 100
91 201.2 137.3 254.9

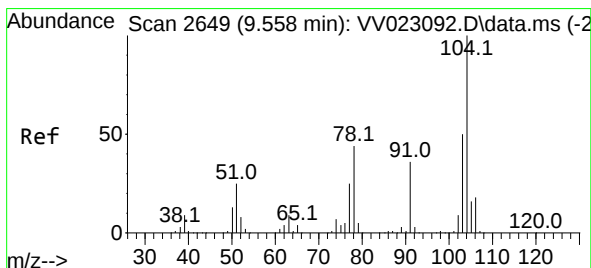
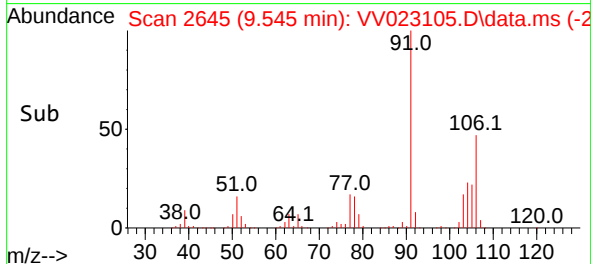
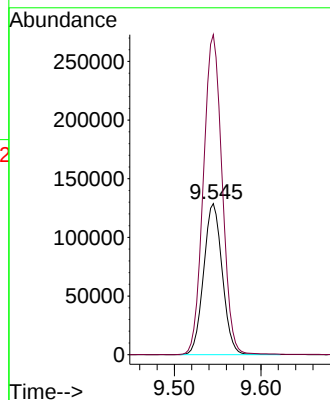
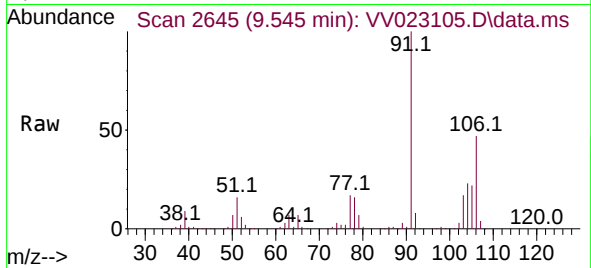




#54
o-Xylene
Concen: 52.365 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

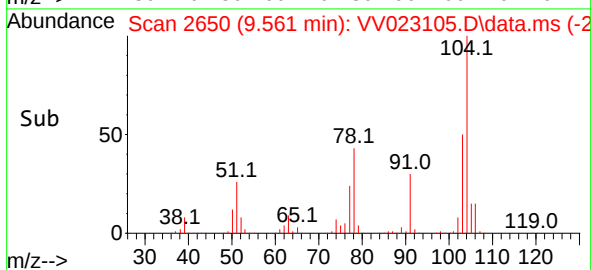
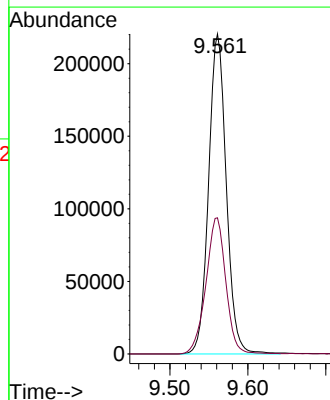
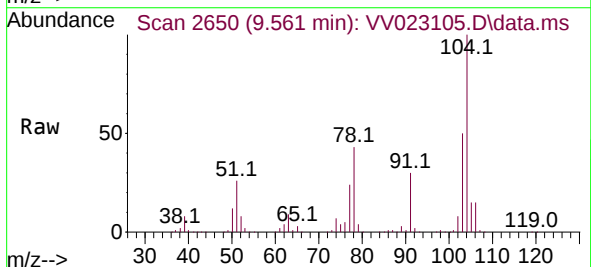
Instrument :
MSVOA_V
ClientSampled :

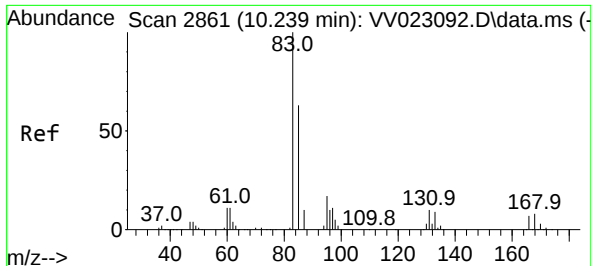
Tgt Ion:106 Resp: 192690
Ion Ratio Lower Upper
106 100
91 212.0 145.0 269.4



#55
Styrene
Concen: 54.385 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion:104 Resp: 347831
Ion Ratio Lower Upper
104 100
78 42.6 29.8 55.4

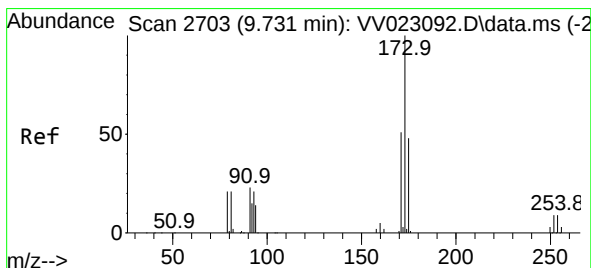
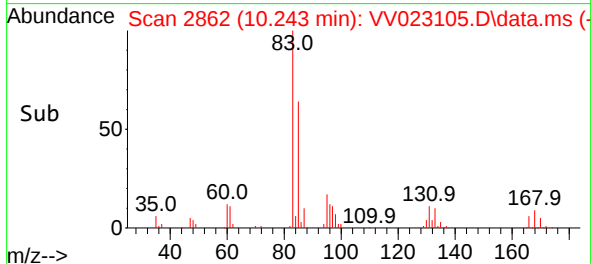
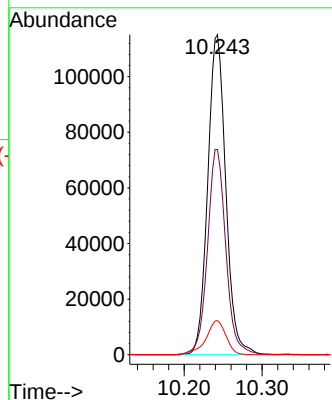
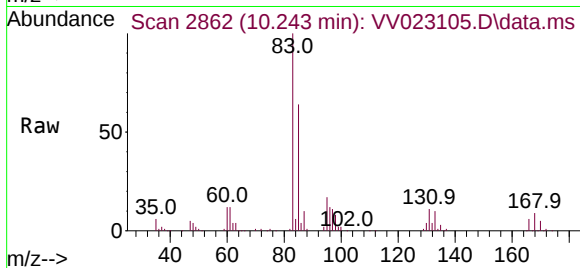




#57
1,1,2,2-Tetrachloroethane
Concen: 50.327 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

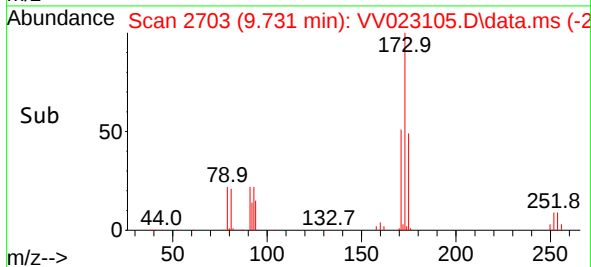
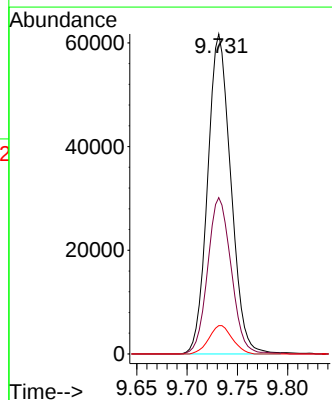
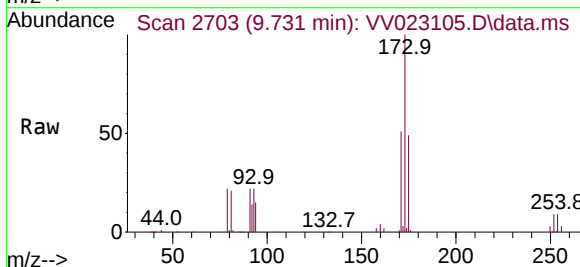
Instrument :
MSVOA_V
ClientSampleId :

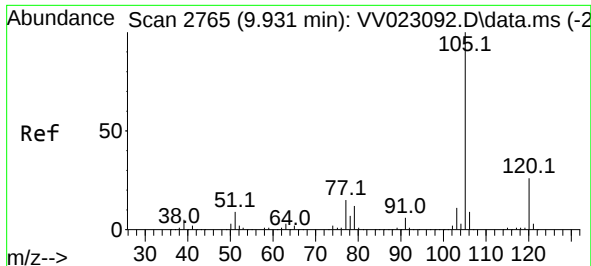
Tgt Ion: 83 Resp: 185494
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
131 10.6 7.8 11.8



#59
Bromoform
Concen: 49.287 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion:173 Resp: 98960
Ion Ratio Lower Upper
173 100
175 49.6 39.3 58.9
254 9.0 7.2 10.8

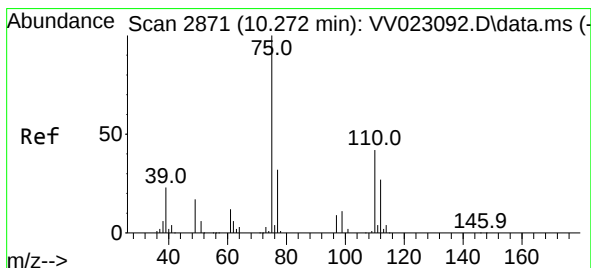
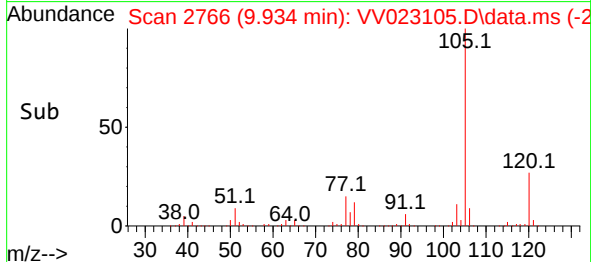
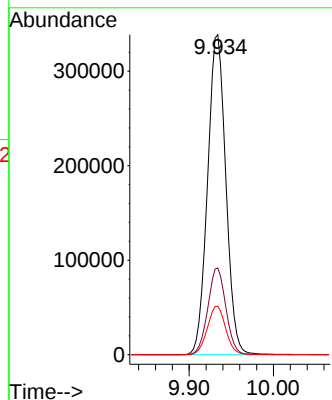
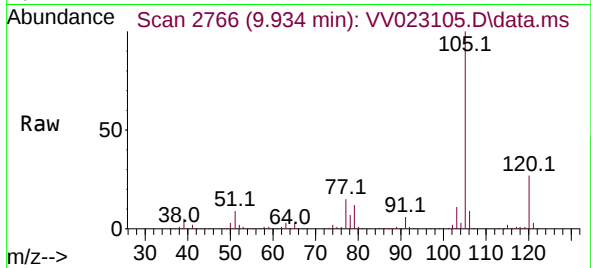




#60
Isopropylbenzene
Concen: 50.408 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

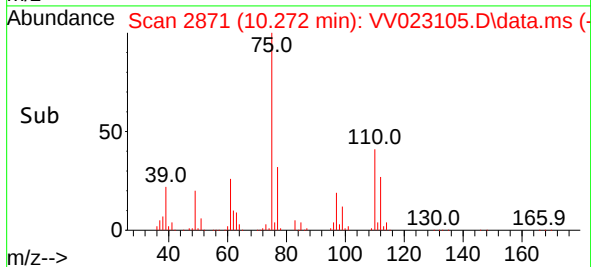
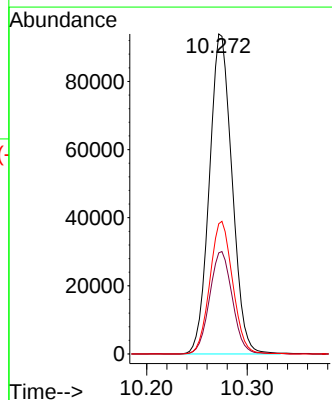
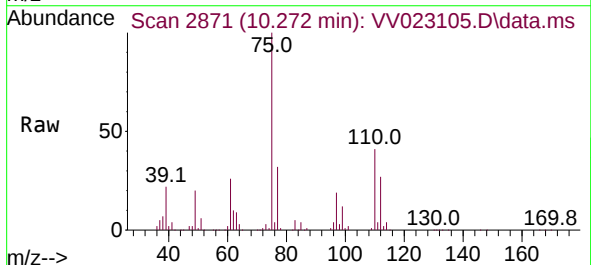
Instrument :
MSVOA_V
ClientSampleId :

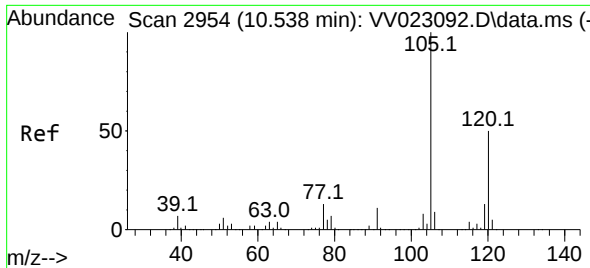
Tgt Ion:105 Resp: 511179
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.537 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion: 75 Resp: 147368
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 41.6 33.1 49.7

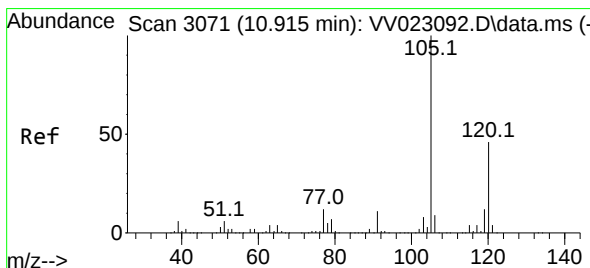
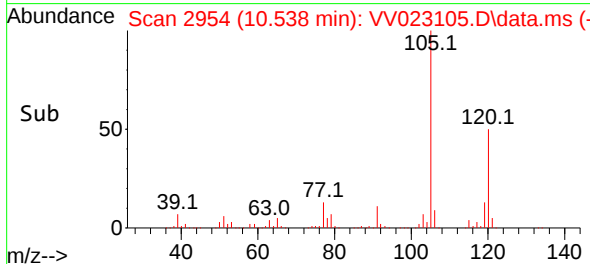
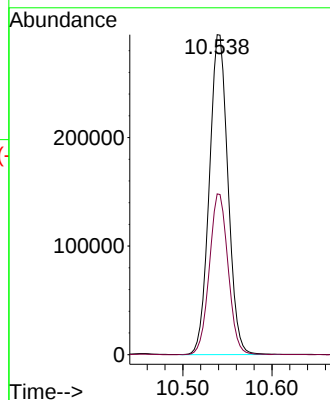
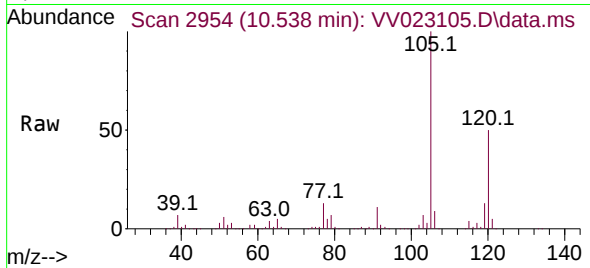




#62
1,3,5-Trimethylbenzene
Concen: 51.150 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

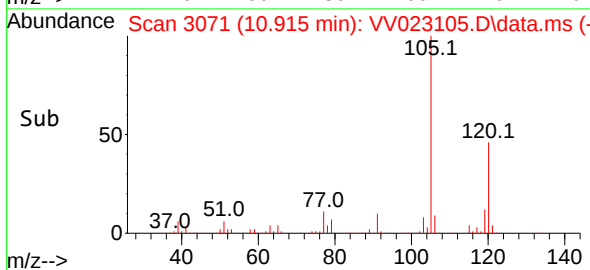
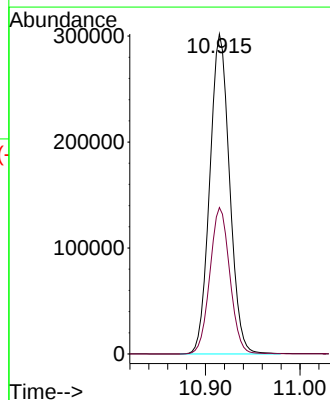
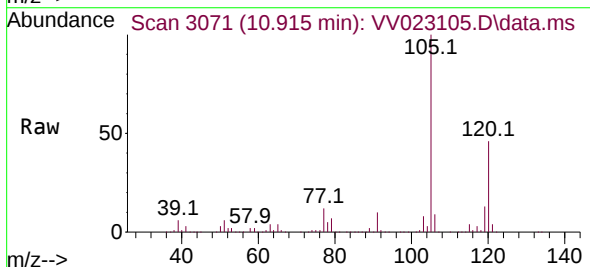
Instrument :
MSVOA_V
ClientSampled :

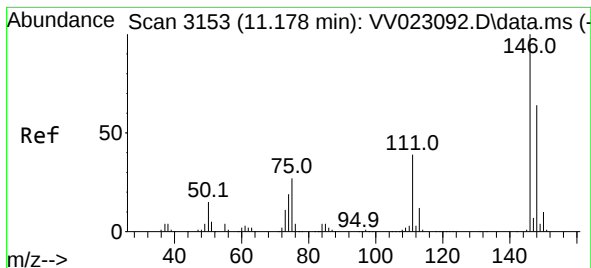
Tgt Ion:105 Resp: 427200
Ion Ratio Lower Upper
105 100
120 50.6 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 52.496 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion:105 Resp: 440153
Ion Ratio Lower Upper
105 100
120 45.9 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 49.887 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

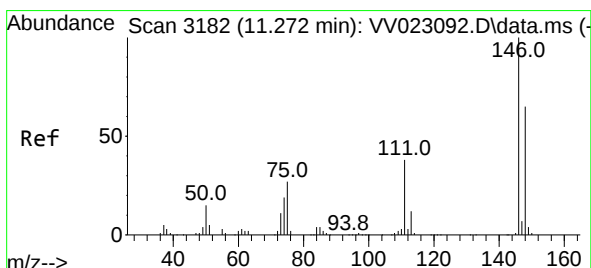
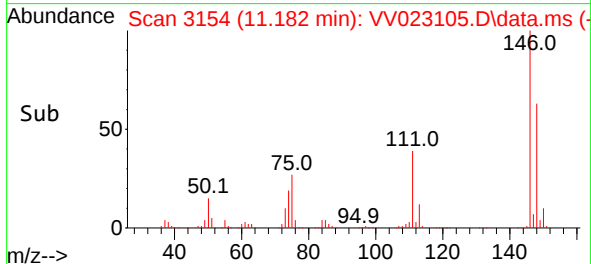
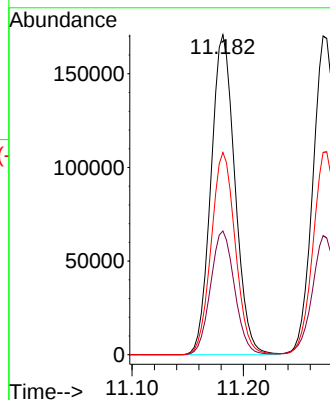
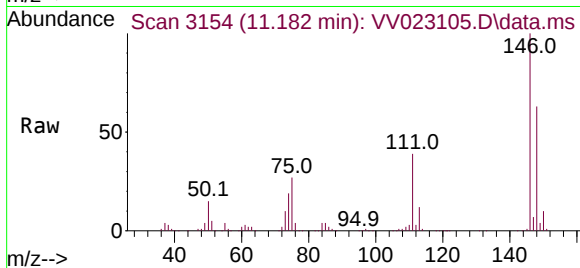
Tgt Ion:146 Resp: 255749

Ion Ratio Lower Upper

146 100

111 38.6 27.3 50.7

148 63.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 48.242 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

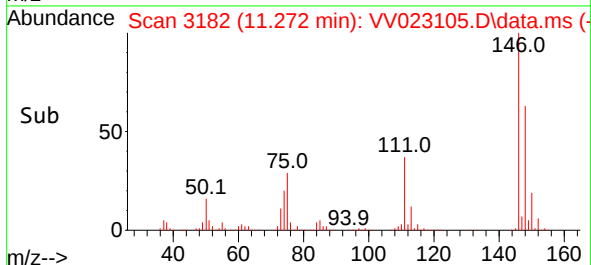
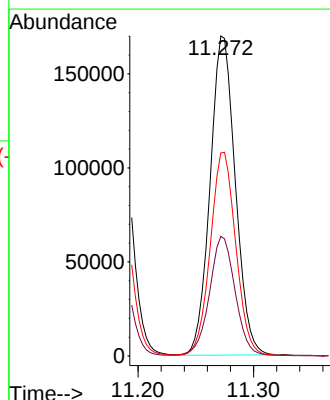
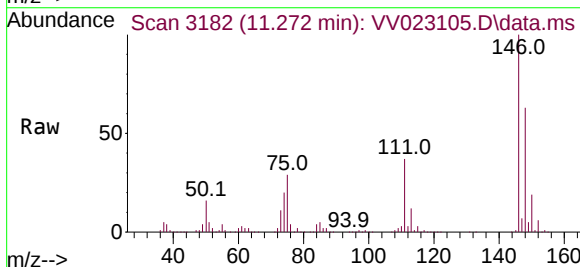
Tgt Ion:146 Resp: 257598

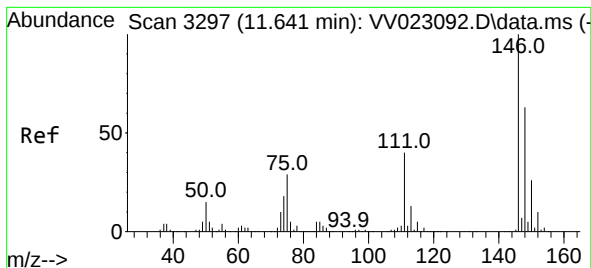
Ion Ratio Lower Upper

146 100

111 37.4 26.0 48.2

148 63.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 49.423 ug/L

RT: 11.645 min Scan# 3298

Delta R.T. 0.003 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

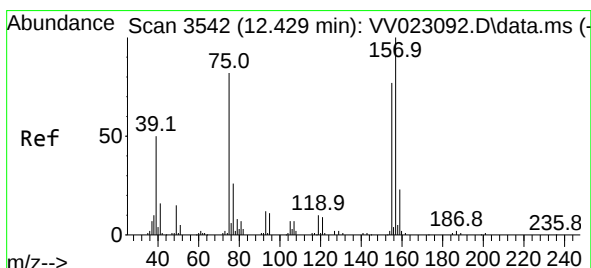
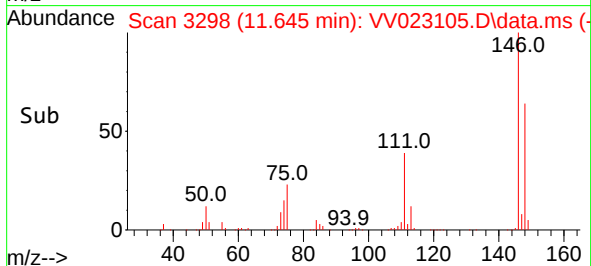
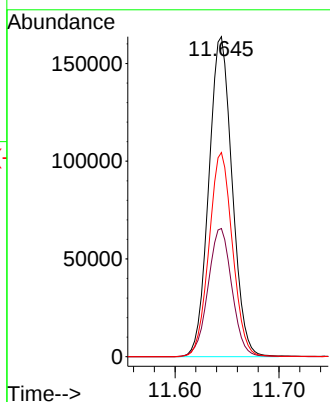
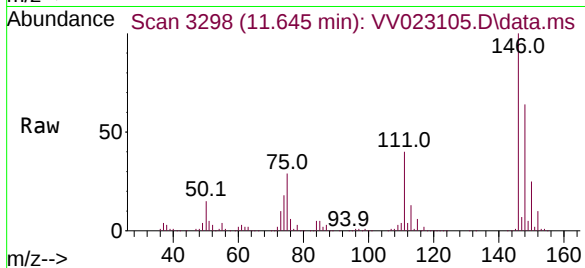
Tgt Ion:146 Resp: 256196

Ion Ratio Lower Upper

146 100

111 40.1 32.2 48.2

148 63.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.911 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023105.D

Acq: 29 Oct 2021 15:11

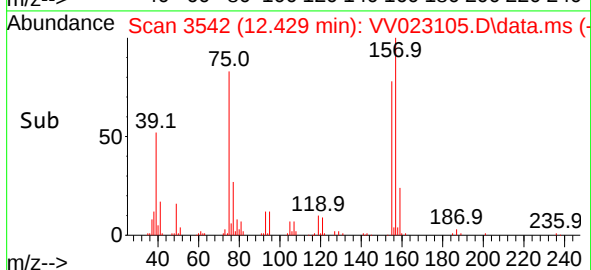
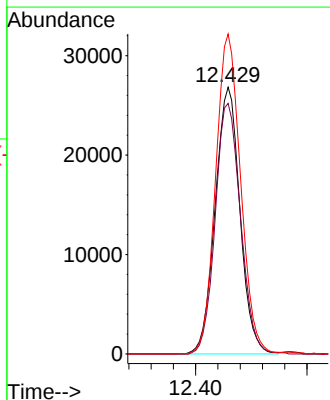
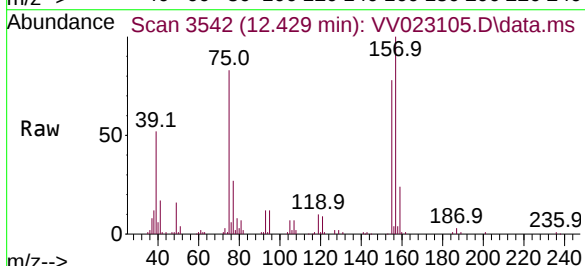
Tgt Ion: 75 Resp: 41441

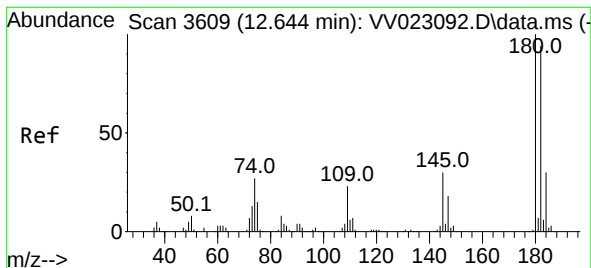
Ion Ratio Lower Upper

75 100

155 93.9 75.7 113.5

157 119.9 96.4 144.6



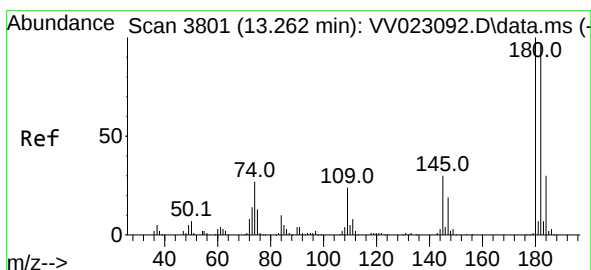
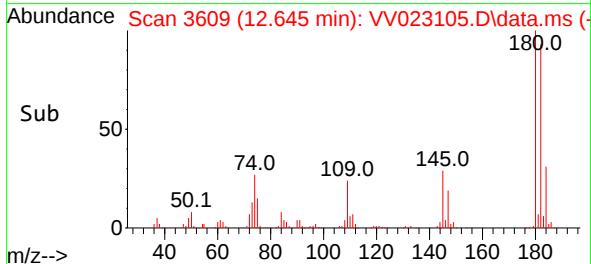
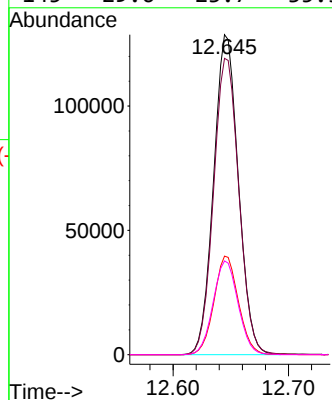
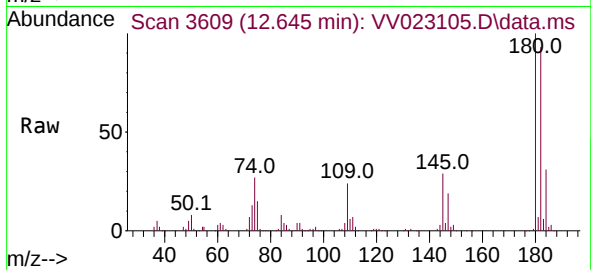


#69
 1,3,5-Trichlorobenzene
 Concen: 49.452 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023105.D
 Acq: 29 Oct 2021 15:11

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 191754

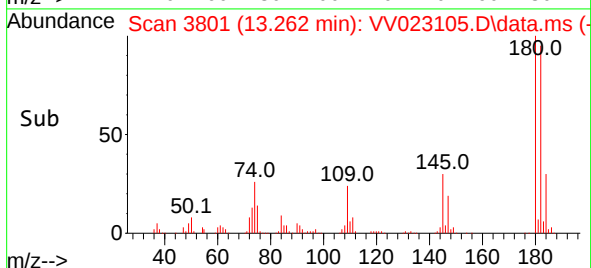
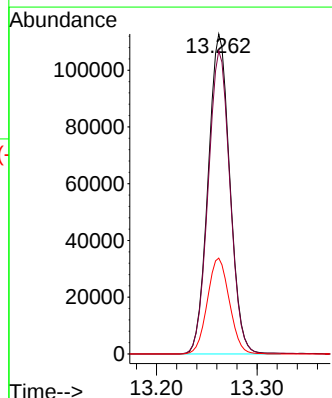
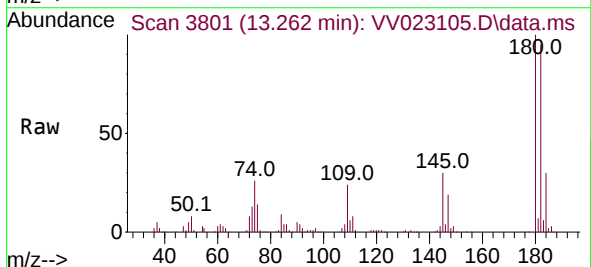
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	115.0
184	30.5	24.6	36.8
145	29.6	23.7	35.5

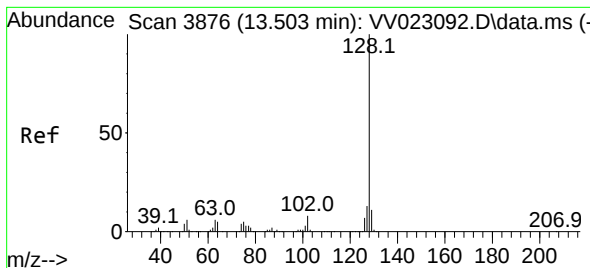


#70
 1,2,4-trichlorobenzene
 Concen: 50.352 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023105.D
 Acq: 29 Oct 2021 15:11

Tgt Ion:180 Resp: 169212

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.2	115.8
145	30.3	23.8	35.6

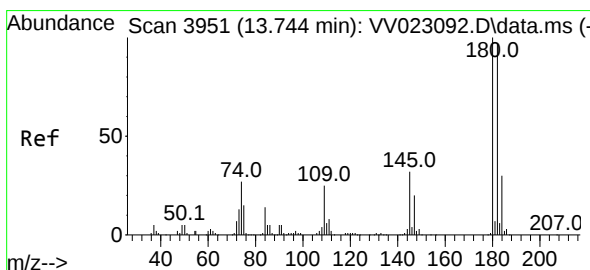
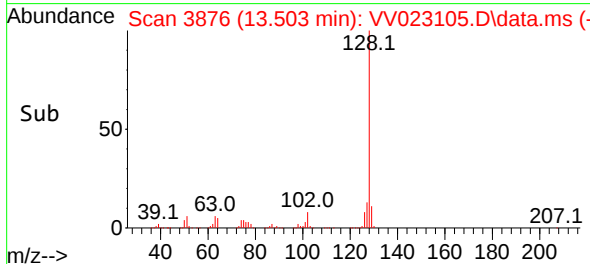
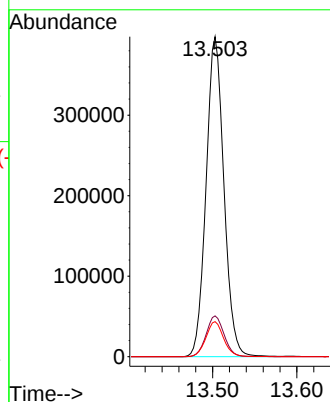
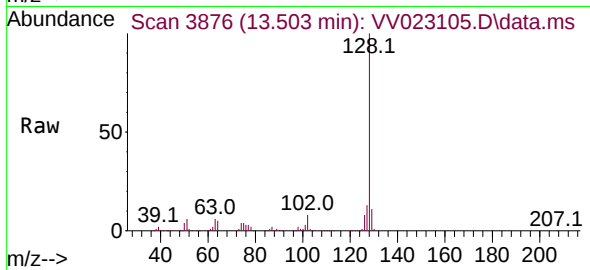




#71
Naphthalene
Concen: 54.245 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 585279
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.045 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023105.D
Acq: 29 Oct 2021 15:11

Tgt Ion:180 Resp: 184875
Ion Ratio Lower Upper
180 100
182 94.1 77.0 115.4
145 31.9 26.4 39.6

