

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024516.D
 Acq On : 02 Feb 2022 11:38
 Operator : SY/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 05:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	381201	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	353993	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	174415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	545104	201.563	ug/L	0.00
7) Chloroethane-d5	1.568	69	500792	238.421	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1085151	211.492	ug/L	0.00
21) 2-Butanone-d5	3.883	46	760158	481.875	ug/L	0.00
24) Chloroform-d	4.346	84	1012668	204.819	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	649585	198.143	ug/L	0.00
32) Benzene-d6	5.050	84	1990885	213.703	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	633366	235.414	ug/L	0.00
41) Toluene-d8	7.313	98	1840832	207.873	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	350915	232.099	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	619190	528.545	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	843534	228.604	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	655178	191.070	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	579017	193.882	ug/L	99
3) Chloromethane	1.243	50	560369	214.025	ug/L	98
5) Vinyl chloride	1.314	62	609629	220.848	ug/L	99
6) Bromomethane	1.523	94	375117	235.562	ug/L	99
8) Chloroethane	1.587	64	437482	254.103	ug/L	99
9) Trichlorofluoromethane	1.751	101	869782	181.550	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	482315	203.538	ug/L	99
12) 1,1-Dichloroethene	2.117	96	457380	200.302	ug/L	92
13) Acetone	2.182	43	792493	502.334	ug/L	98
14) Carbon disulfide	2.294	76	1266577	191.829	ug/L	99
15) Methyl Acetate	2.433	43	510392	225.899	ug/L	100
16) Methylene chloride	2.507	84	497287	198.314	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	471920	200.352	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	1653071	222.358	ug/L	99
19) 1,1-Dichloroethane	3.188	63	914276	227.261	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	538298	212.014	ug/L	99
22) 2-Butanone	3.966	43	941508	550.562	ug/L	97
23) Bromochloromethane	4.246	128	257248	182.517	ug/L	97
25) Chloroform	4.375	83	938386	204.301	ug/L	100
27) 1,2-Dichloroethane	5.127	62	753685	203.121	ug/L	99
29) Cyclohexane	4.677	56	838839	253.047	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	850944	197.436	ug/L	100
31) Carbon tetrachloride	4.828	117	714433	182.775	ug/L	100
33) Benzene	5.098	78	2002593	220.207	ug/L	100
34) Trichloroethene	5.912	95	544242	213.877	ug/L	98
35) Methylcyclohexane	6.130	83	874576	233.588	ug/L	99
37) 1,2-Dichloropropane	6.172	63	539763	243.256	ug/L	100
38) Bromodichloromethane	6.506	83	753224	222.864	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	926772	249.360	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1542530	521.455	ug/L	100
42) Toluene	7.387	91	2185974	215.687	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	908833	245.483	ug/L	98

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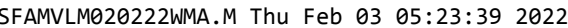
Instrument :
 MSVOA_V
 ClientSampleId :

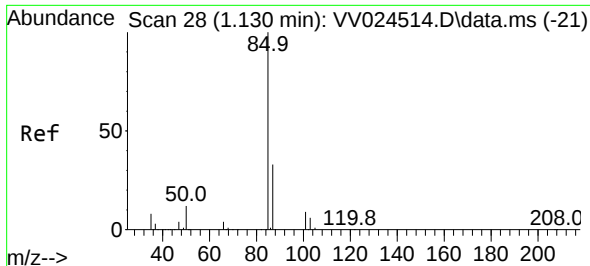
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	505065	211.902	ug/L	99
46) Tetrachloroethene	7.976	164	338586	159.221	ug/L	98
48) 2-Hexanone	8.140	43	1344088	558.585	ug/L	99
49) Dibromochloromethane	8.246	129	561109	193.891	ug/L	98
50) 1,2-Dibromoethane	8.349	107	538720	211.133	ug/L	99
51) Chlorobenzene	8.879	112	1361287	201.790	ug/L	99
52) Ethylbenzene	9.011	91	2452254	224.720	ug/L	98
53) m,p-Xylene	9.136	106	933526	216.965	ug/L	98
54) o-Xylene	9.542	106	923621	223.470	ug/L	100
55) Styrene	9.558	104	1644519	230.880	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	806745	231.397	ug/L	99
59) Bromoform	9.728	173	366807	190.047	ug/L	100
60) Isopropylbenzene	9.931	105	2473746	244.732	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	679709	246.284	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	2139367	246.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	2176187	251.566	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1029745	207.244	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1040151	203.722	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1020588	200.388	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	204526	264.311	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	703407	189.790	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	629007	196.949	ug/L	99
71) Naphthalene	13.500	128	2263134	232.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	602105	184.762	ug/L	100

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

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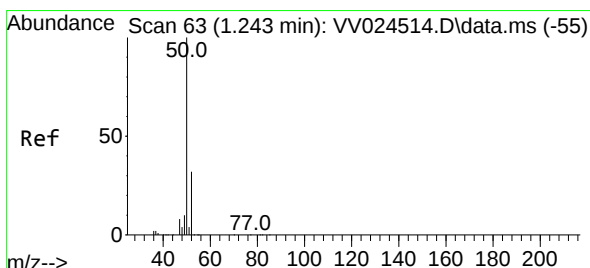
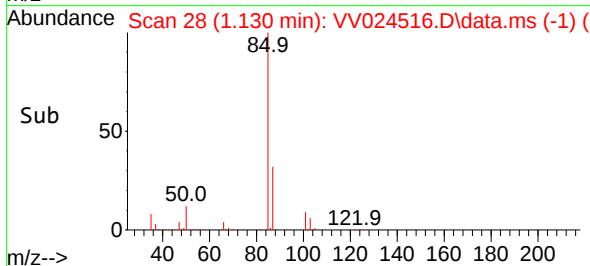
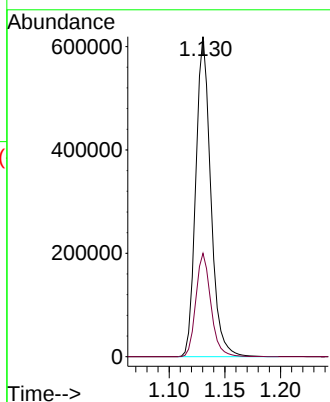
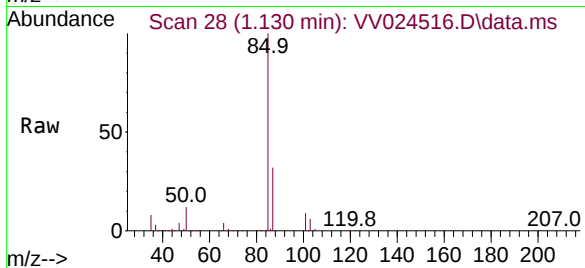




#2
Dichlorodifluoromethane
Concen: 193.882 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

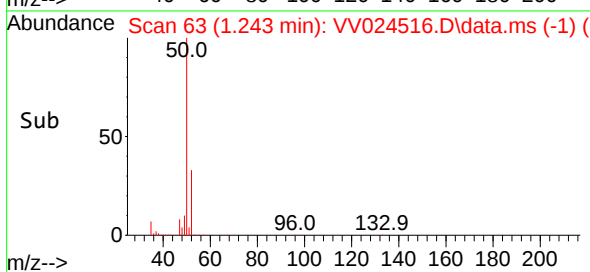
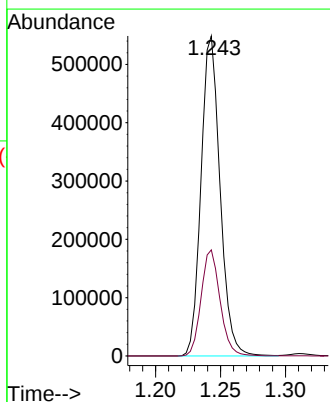
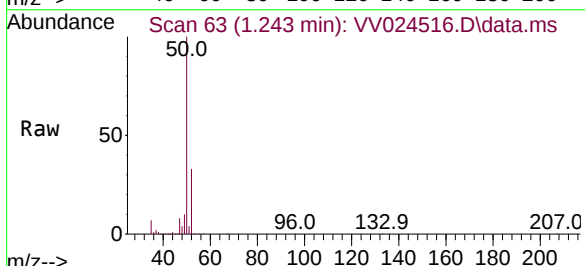
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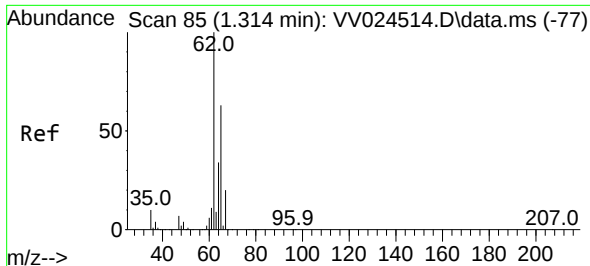
Tgt Ion: 85 Resp: 579017
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.4



#3
Chloromethane
Concen: 214.025 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 50 Resp: 560369
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.7

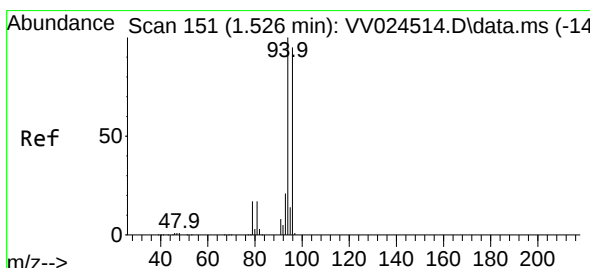
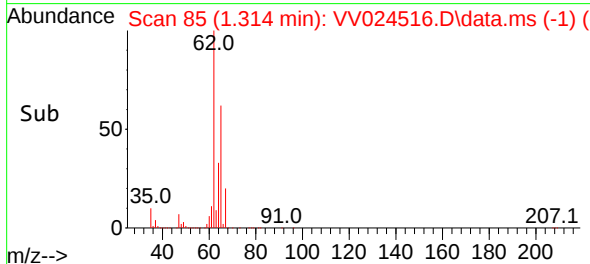
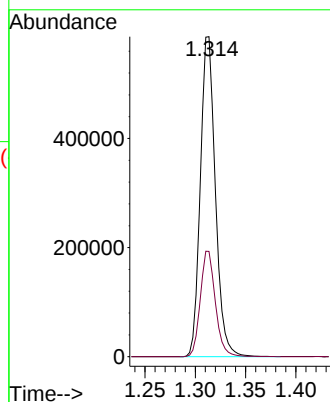
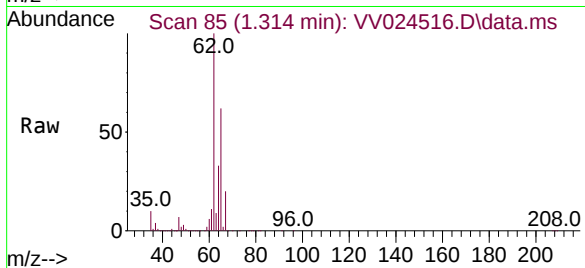




#5
 Vinyl chloride
 Concen: 220.848 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024516.D
 Acq: 02 Feb 2022 11:38

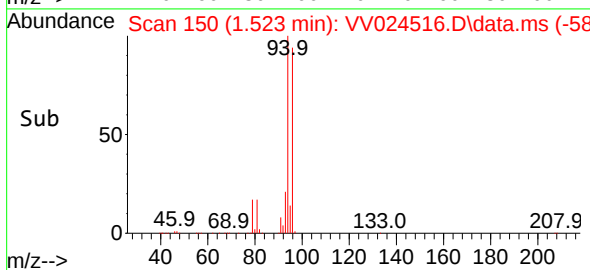
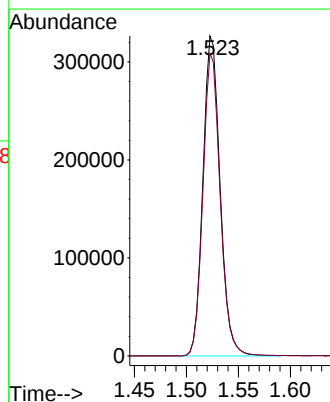
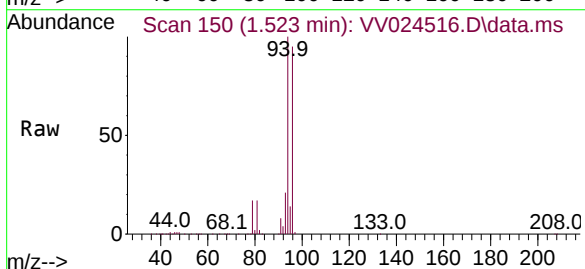
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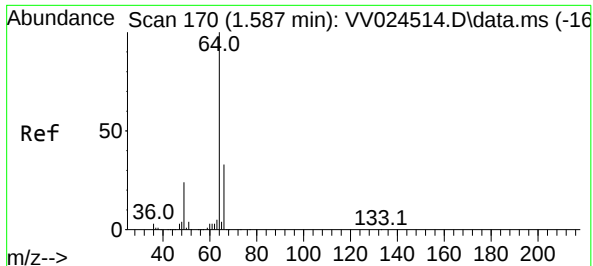
Tgt Ion: 62 Resp: 609629
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 235.562 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024516.D
 Acq: 02 Feb 2022 11:38

Tgt Ion: 94 Resp: 375117
 Ion Ratio Lower Upper
 94 100
 96 94.5 67.0 124.4

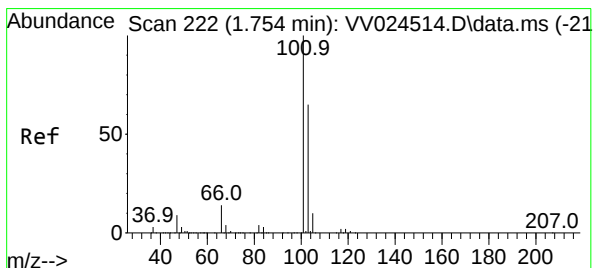
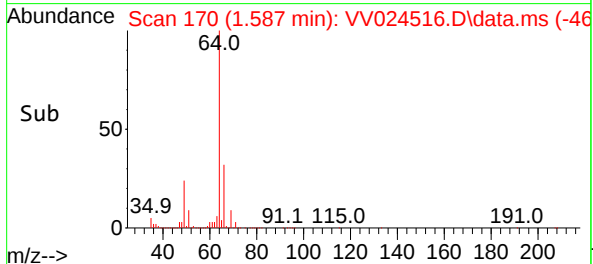
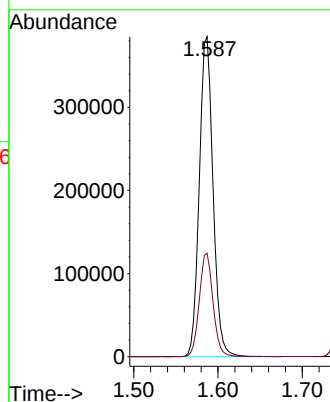
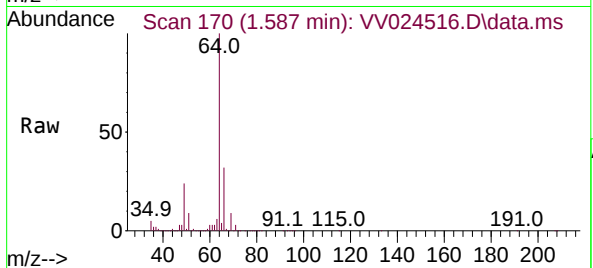




#8
Chloroethane
Concen: 254.103 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

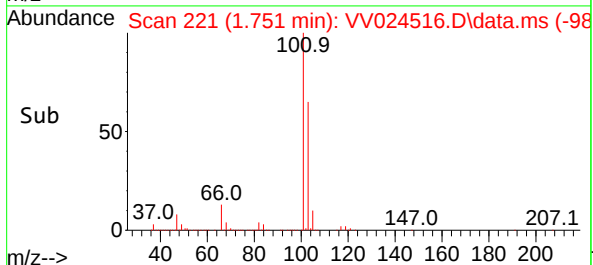
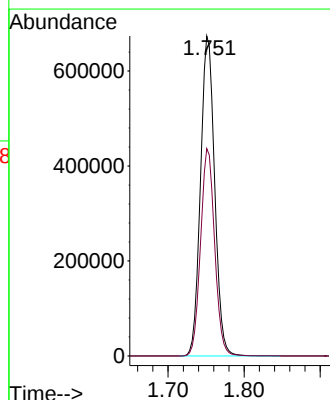
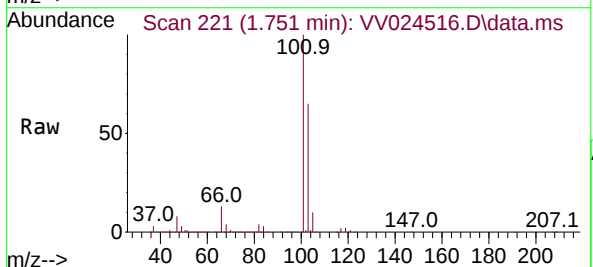
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ClientSampleId :

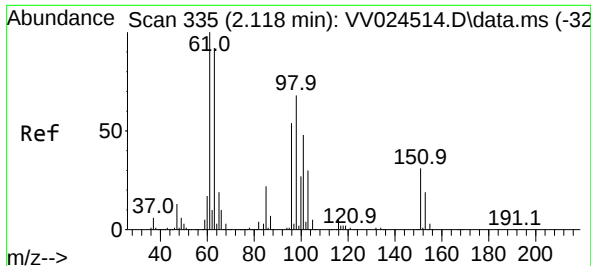
Tgt Ion: 64 Resp: 437482
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 181.550 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion:101 Resp: 869782
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

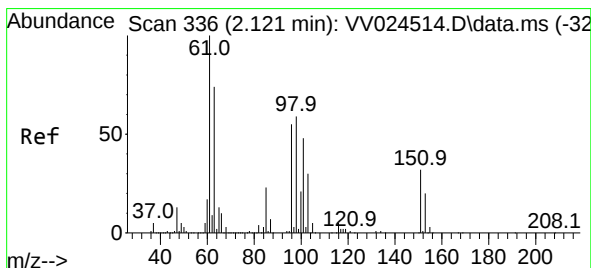
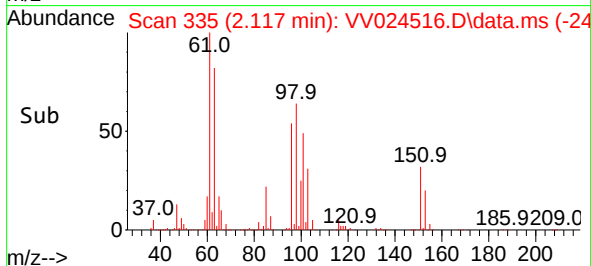
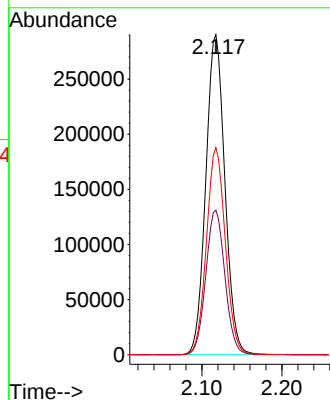
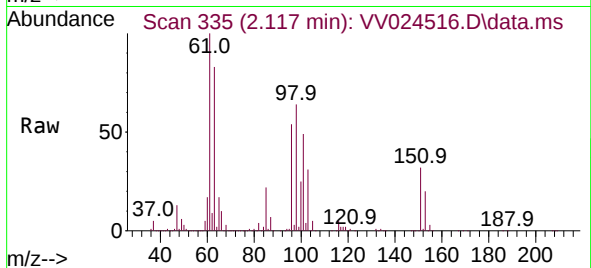




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 203.538 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024516.D
 Acq: 02 Feb 2022 11:38

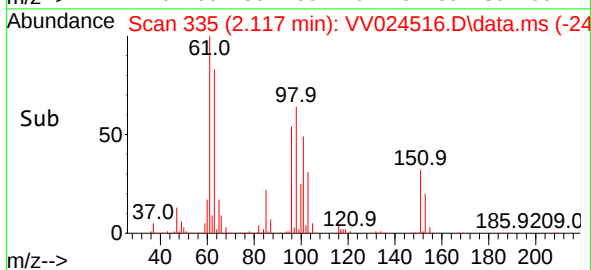
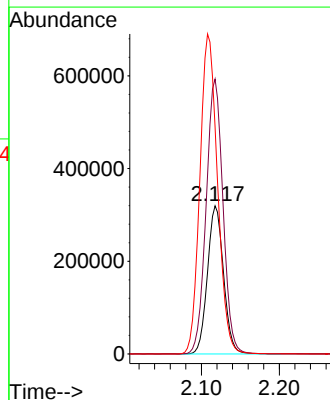
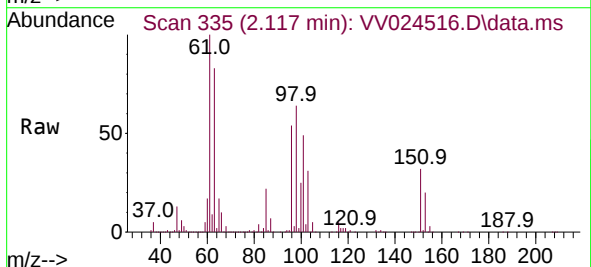
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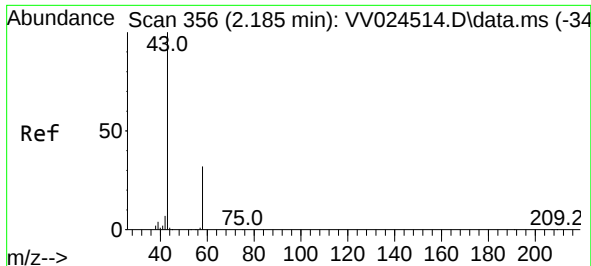
Tgt Ion:101 Resp: 482315
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.3 55.9
 151 64.2 50.8 76.2



#12
 1,1-Dichloroethene
 Concen: 200.302 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024516.D
 Acq: 02 Feb 2022 11:38

Tgt Ion: 96 Resp: 457380
 Ion Ratio Lower Upper
 96 100
 61 185.5 127.1 236.1
 63 153.1 94.5 175.5

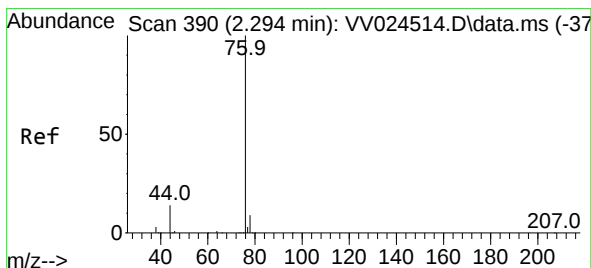
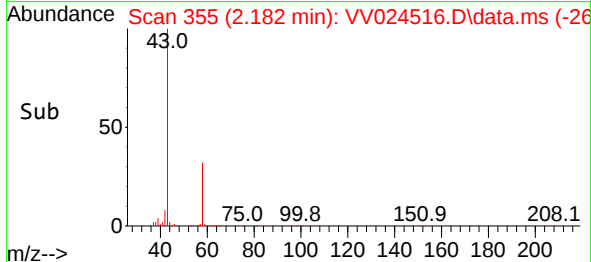
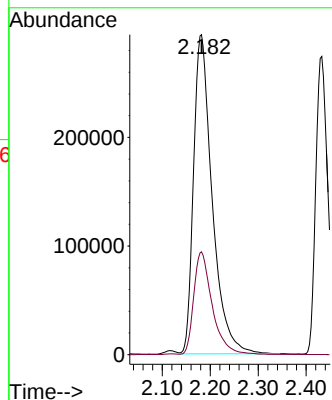
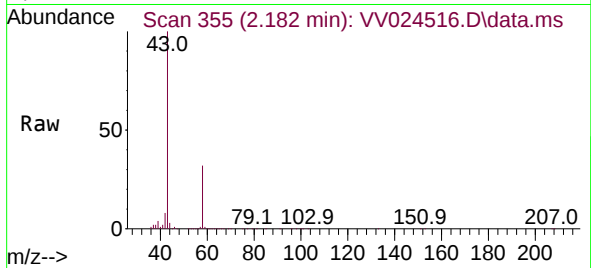




#13
Acetone
Concen: 502.334 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

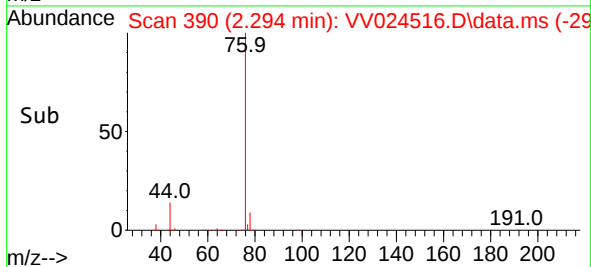
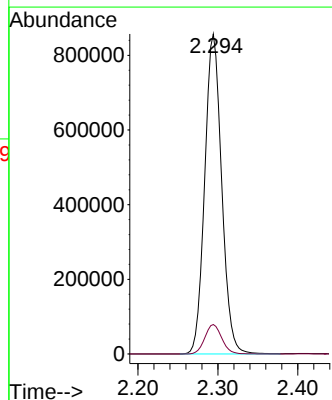
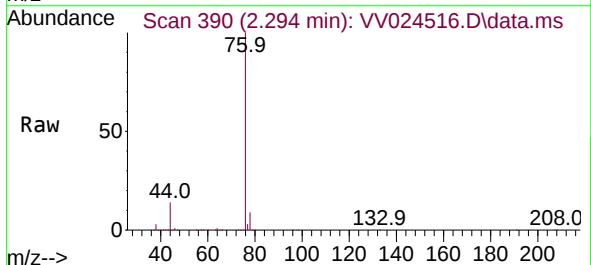
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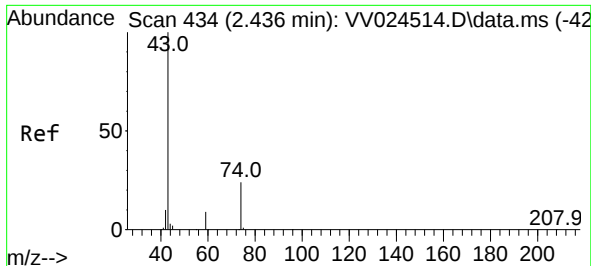
Tgt Ion: 43 Resp: 792493
Ion Ratio Lower Upper
43 100
58 31.6 0.0 65.0



#14
Carbon disulfide
Concen: 191.829 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 76 Resp: 1266577
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

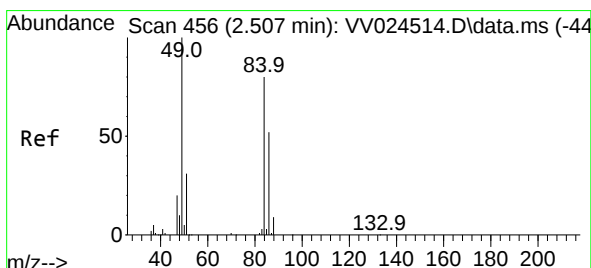
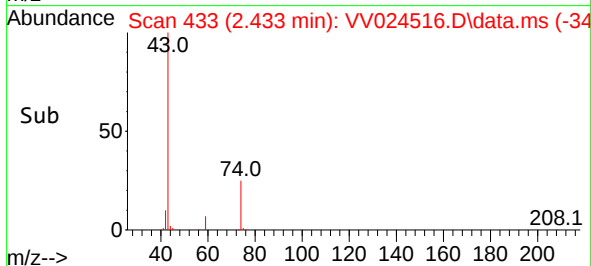
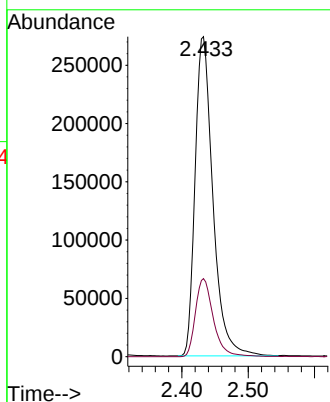
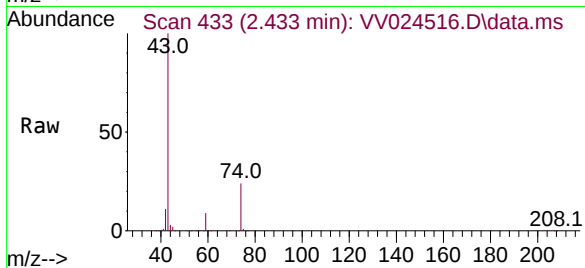




#15
Methyl Acetate
Concen: 225.899 ug/L
RT: 2.433 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

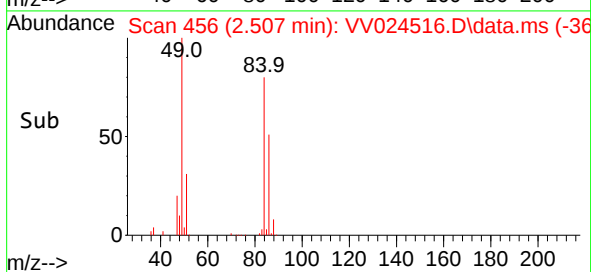
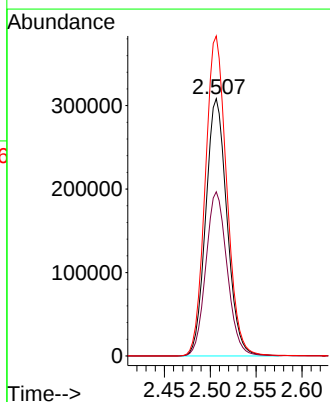
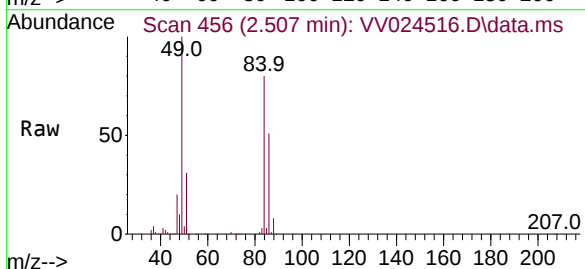
Instrument :
MSVOA_V
ClientSampleId :

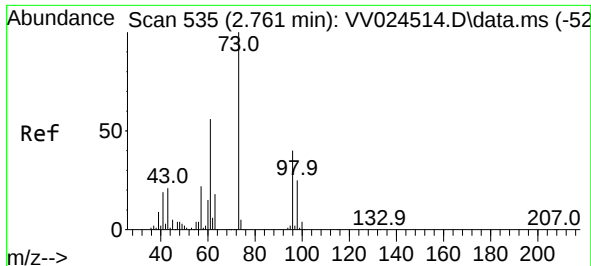
Tgt Ion: 43 Resp: 510392
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5



#16
Methylene chloride
Concen: 198.314 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

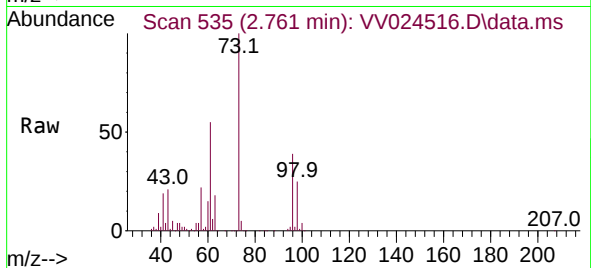
Tgt Ion: 84 Resp: 497287
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 124.4 87.0 161.6



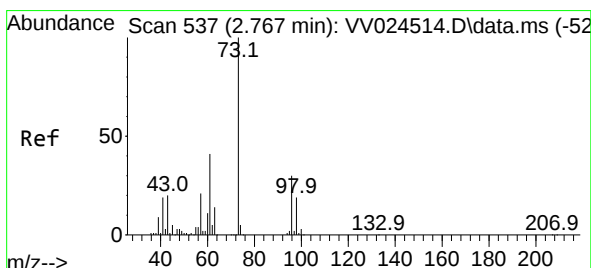
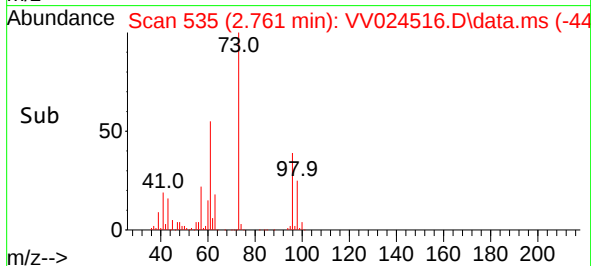
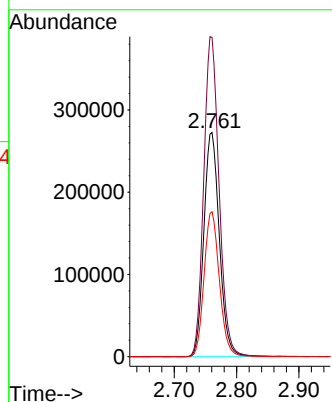


#17
trans-1,2-Dichloroethene
Concen: 200.352 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :

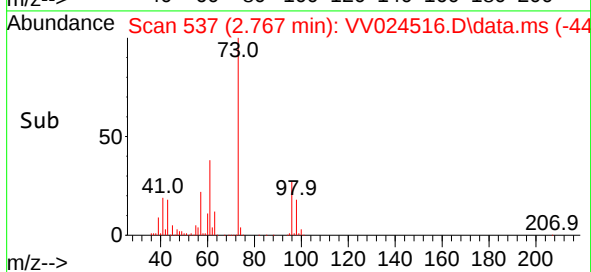
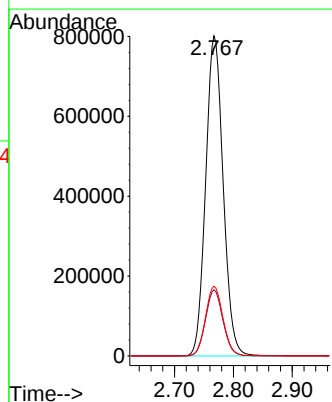
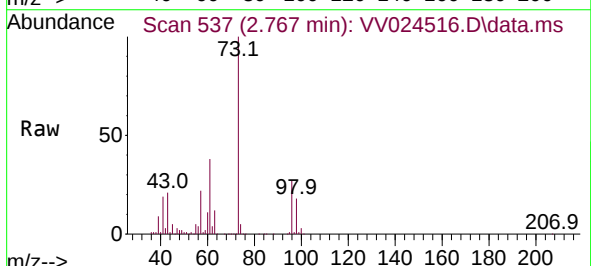


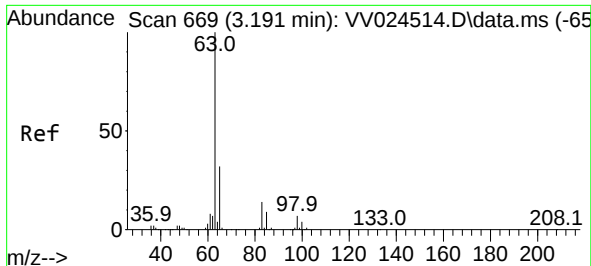
Tgt Ion: 96 Resp: 471920
Ion Ratio Lower Upper
96 100
61 142.5 98.2 182.4
98 64.7 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 222.358 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 73 Resp: 1653071
Ion Ratio Lower Upper
73 100
43 20.5 16.0 24.0
57 21.9 17.2 25.8





#19

1,1-Dichloroethane

Concen: 227.261 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

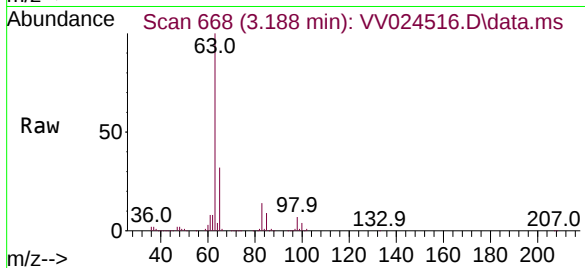
Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

ClientSampleId :



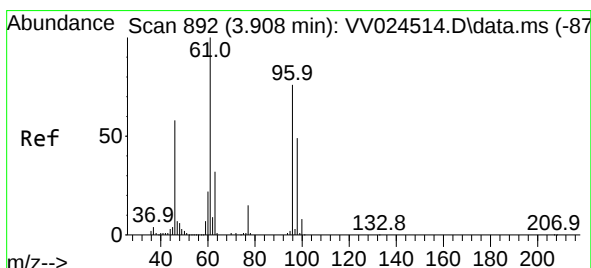
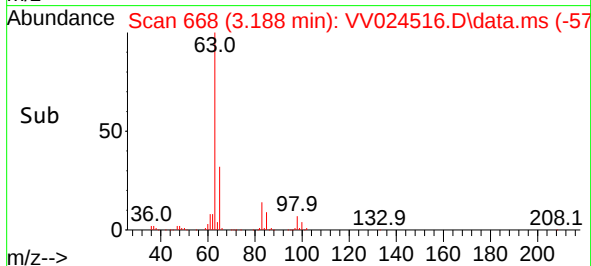
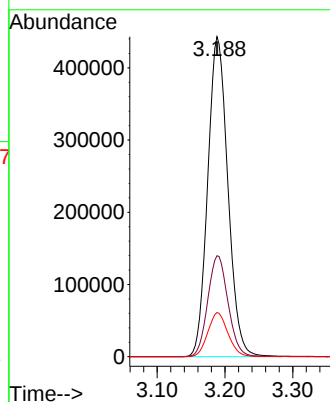
Tgt Ion: 63 Resp: 914276

Ion Ratio Lower Upper

63 100

65 31.6 22.2 41.2

83 13.8 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 212.014 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

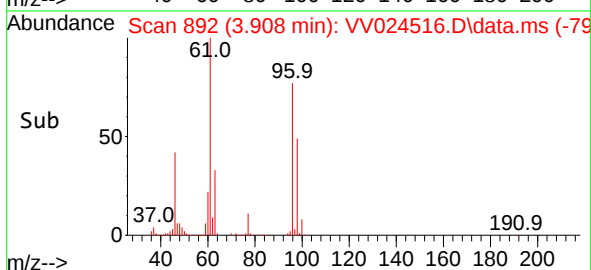
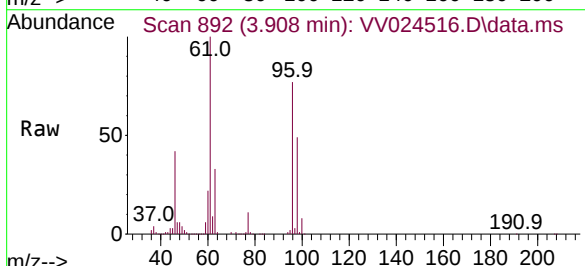
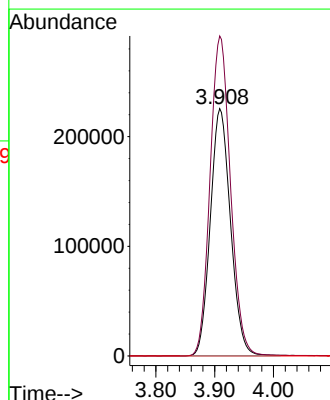
Tgt Ion: 96 Resp: 538298

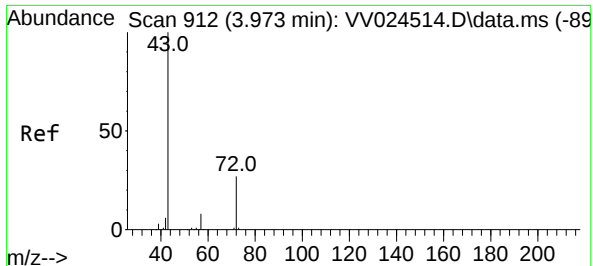
Ion Ratio Lower Upper

96 100

61 129.4 91.5 169.9

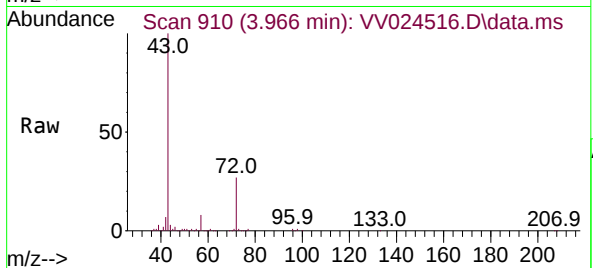
68 0.0 0.0 0.0



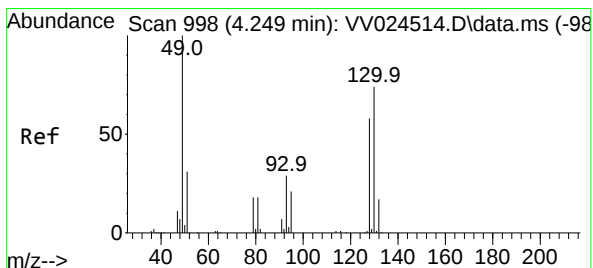
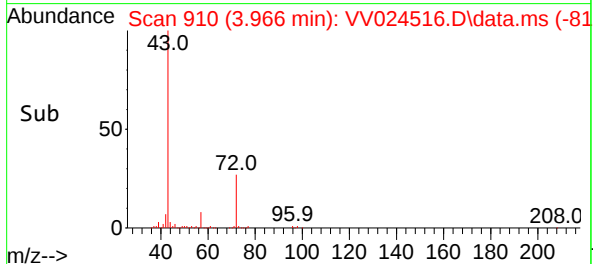
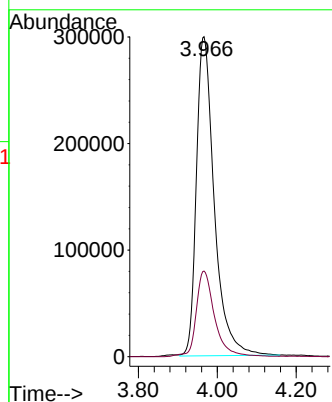


#22
2-Butanone
Concen: 550.562 ug/L
RT: 3.966 min Scan# 91
Delta R.T. -0.007 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :

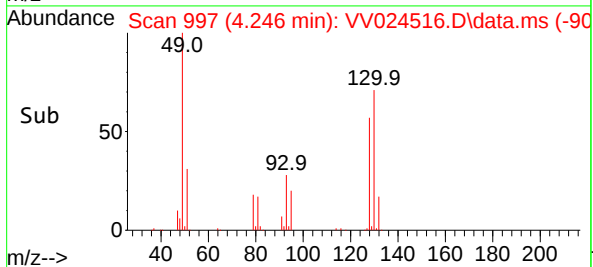
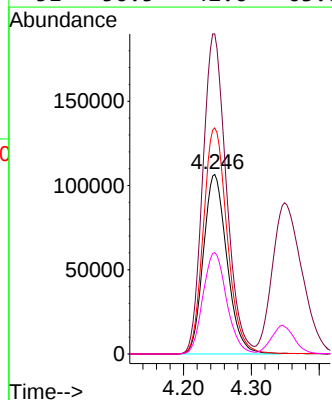
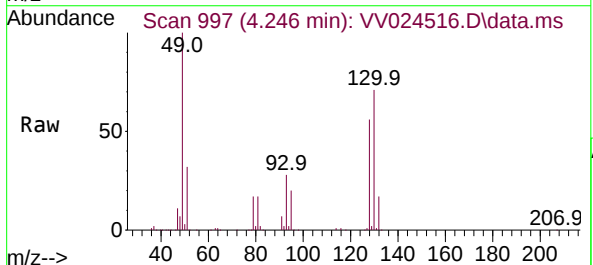


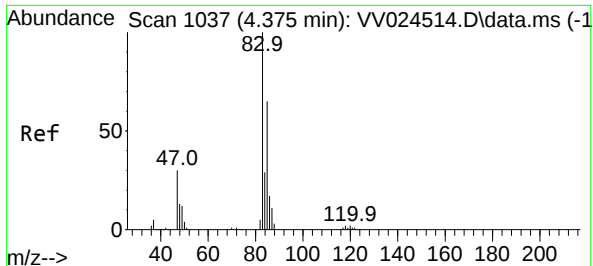
Tgt Ion: 43 Resp: 941508
Ion Ratio Lower Upper
43 100
72 27.5 12.9 38.7



#23
Bromochloromethane
Concen: 182.517 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion:128 Resp: 257248
Ion Ratio Lower Upper
128 100
49 178.2 120.1 223.1
130 125.9 88.8 164.8
51 56.5 42.6 63.8

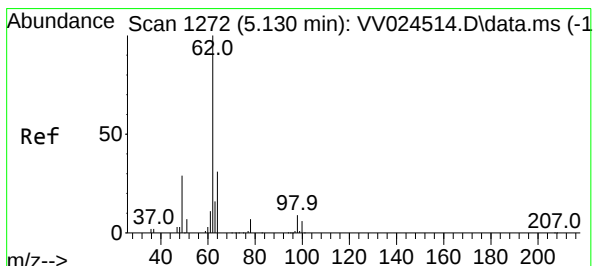
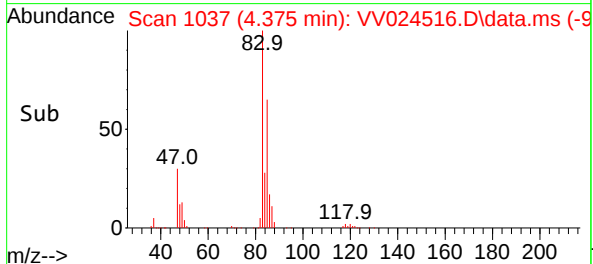
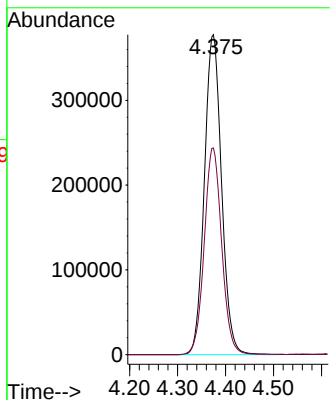
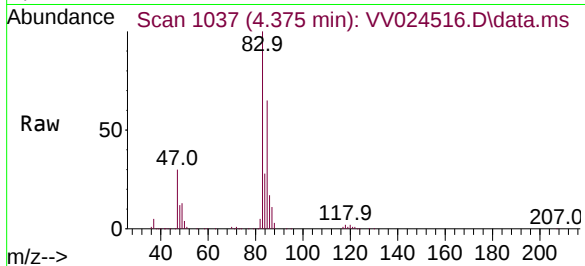




#25
Chloroform
Concen: 204.301 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

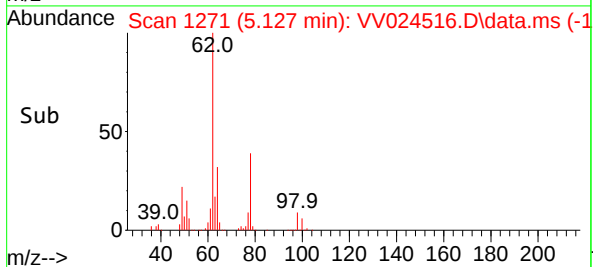
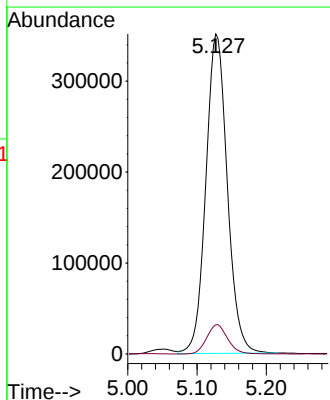
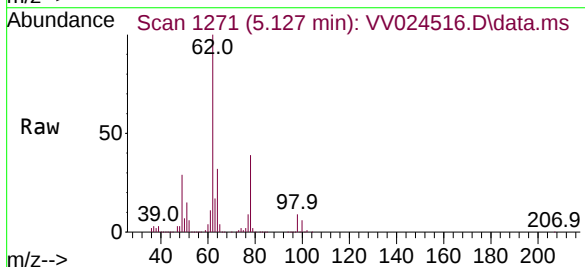
Instrument :
MSVOA_V
ClientSampleId :

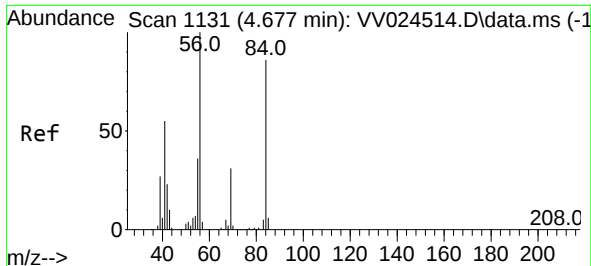
Tgt Ion: 83 Resp: 938386
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 203.121 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 62 Resp: 753685
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 253.047 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

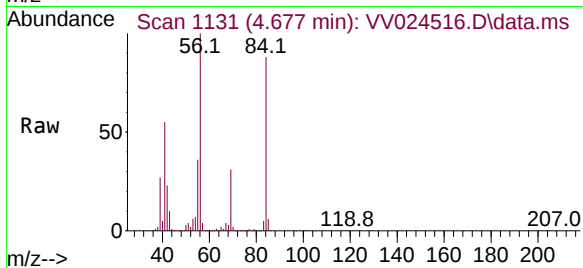
Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

ClientSampleId :



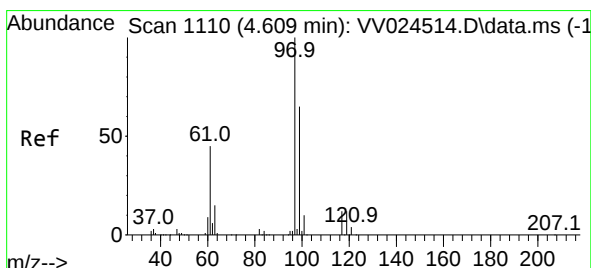
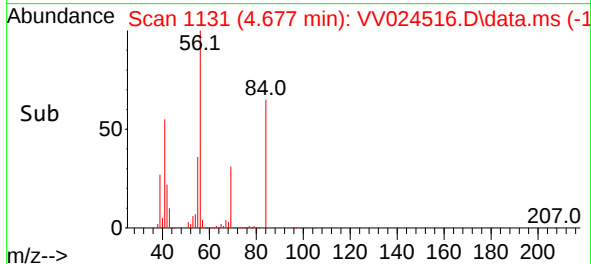
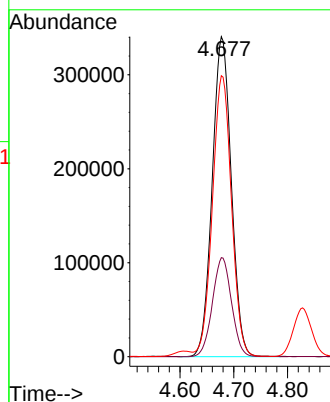
Tgt Ion: 56 Resp: 838839

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 87.8 70.2 105.4



#30

1,1,1-Trichloroethane

Concen: 197.436 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

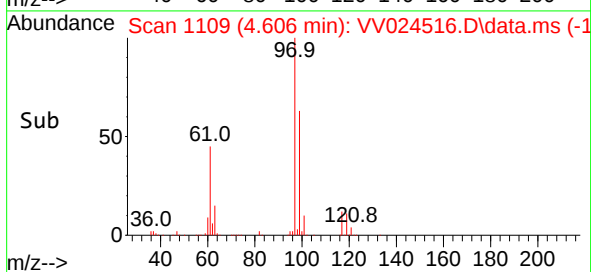
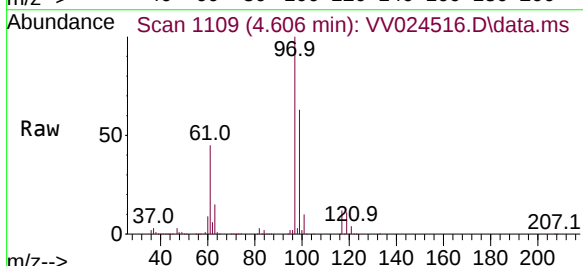
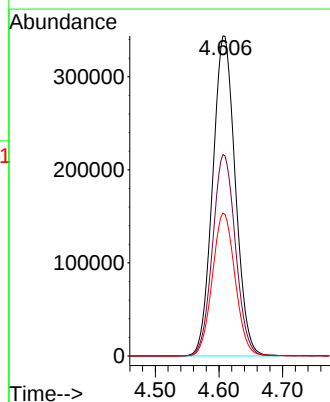
Tgt Ion: 97 Resp: 850944

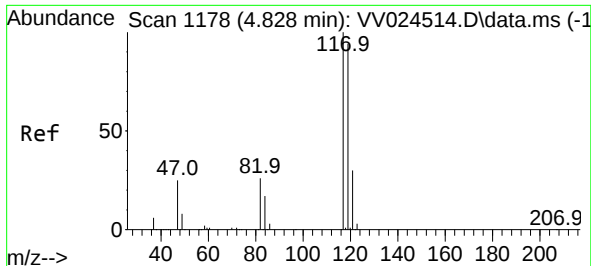
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 45.0 35.9 53.9

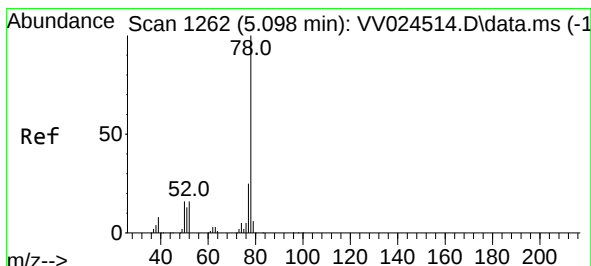
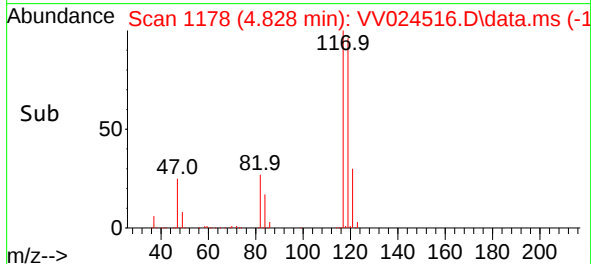
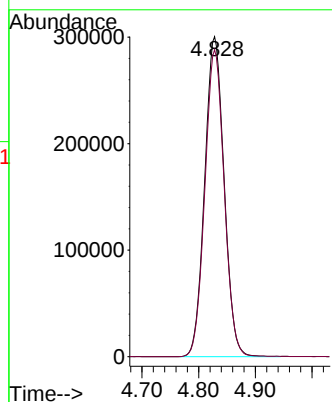
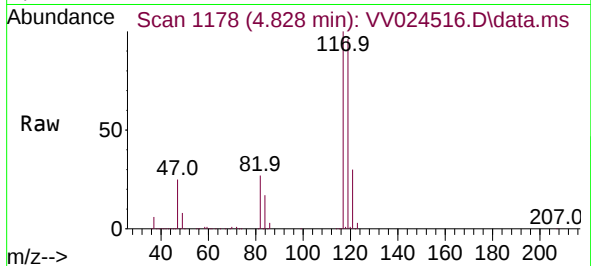




#31
Carbon tetrachloride
Concen: 182.775 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

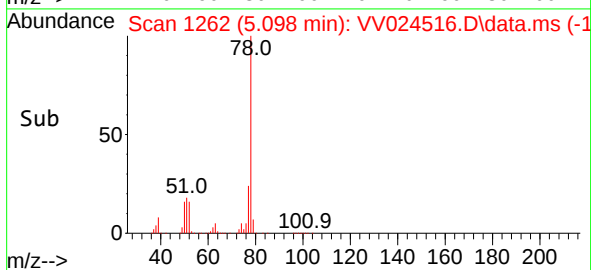
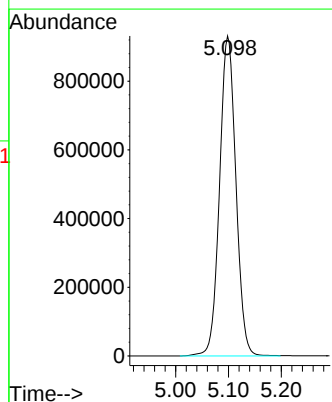
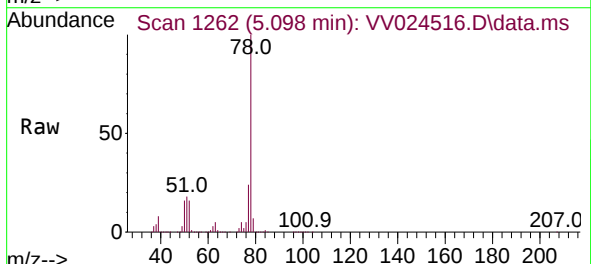
Instrument : MSVOA_V
ClientSampleId :

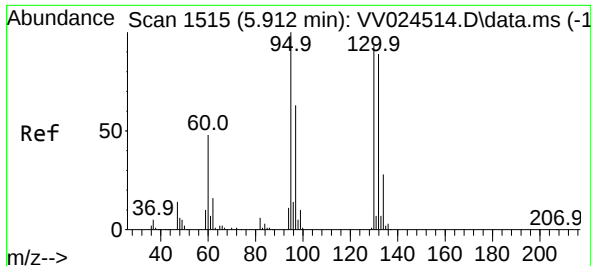
Tgt Ion:117 Resp: 714433
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 220.207 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

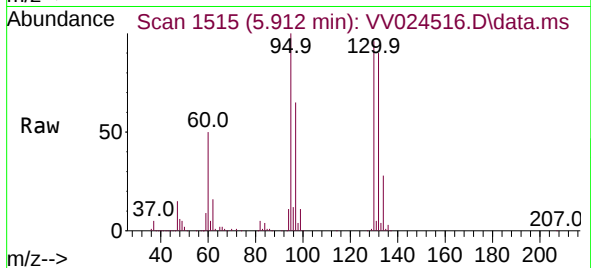
Tgt Ion: 78 Resp: 2002593



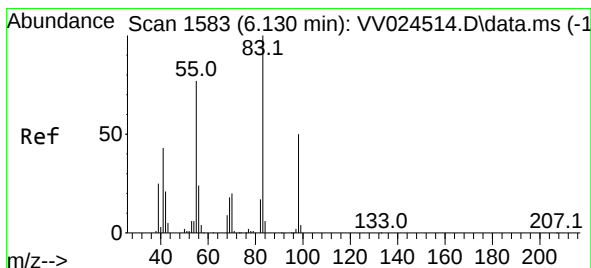
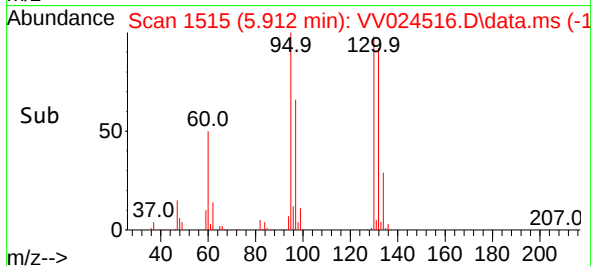
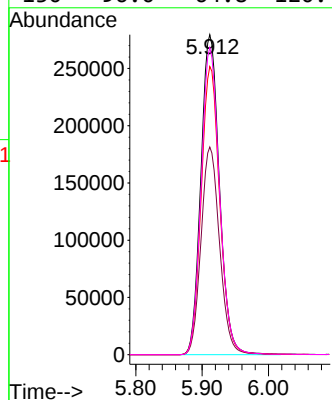


#34
 Trichloroethene
 Concen: 213.877 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. -0.000 min
 Lab File: VV024516.D
 Acq: 02 Feb 2022 11:38

Instrument :
 MSVOA_V
 ClientSampleId :

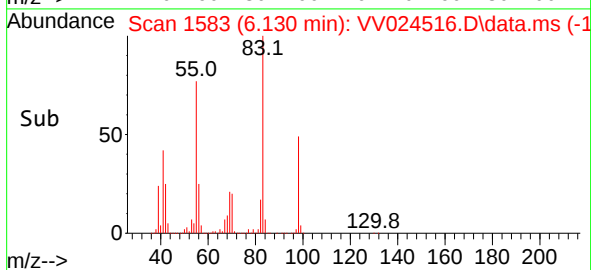
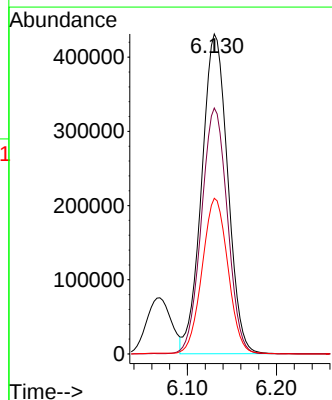
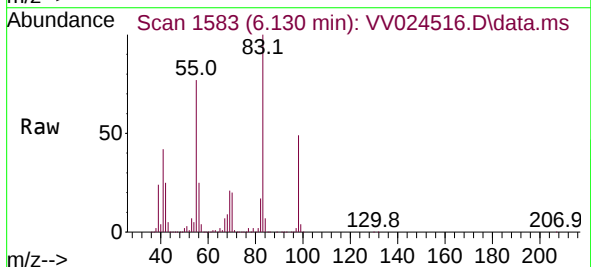


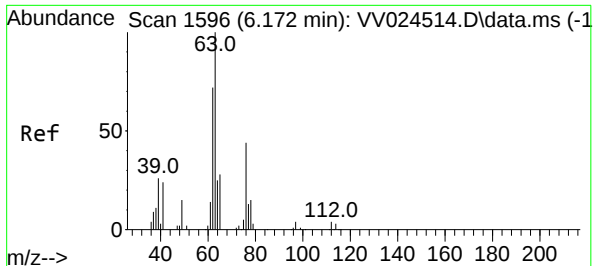
Tgt Ion:	95	Resp:	544242
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.1	81.9
132	90.0	62.4	116.0
130	96.0	64.8	120.4



#35
 Methylcyclohexane
 Concen: 233.588 ug/L
 RT: 6.130 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: VV024516.D
 Acq: 02 Feb 2022 11:38

Tgt Ion:	83	Resp:	874576
Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.9	91.3
98	48.4	39.2	58.8





#37

1,2-Dichloropropane

Concen: 243.256 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

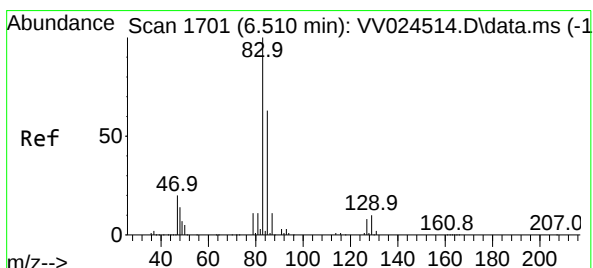
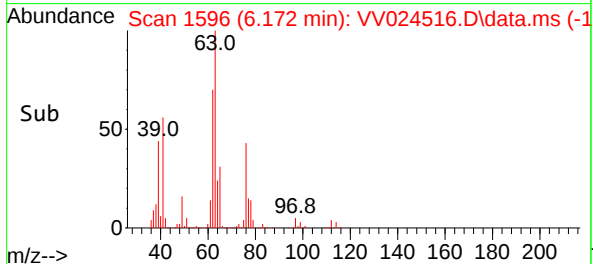
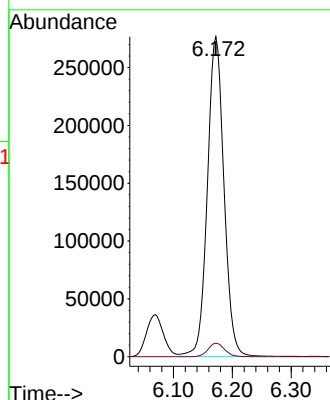
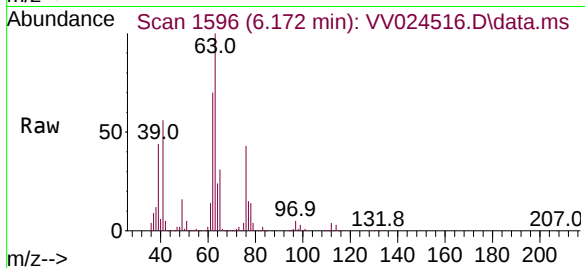
ClientSampleId :

Tgt Ion: 63 Resp: 539763

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 222.864 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

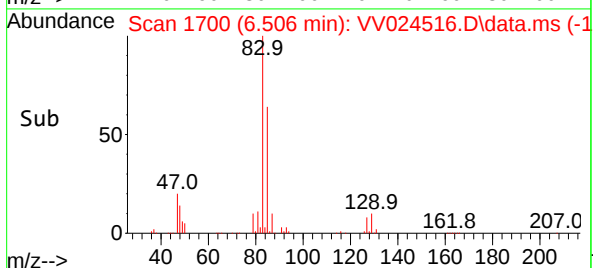
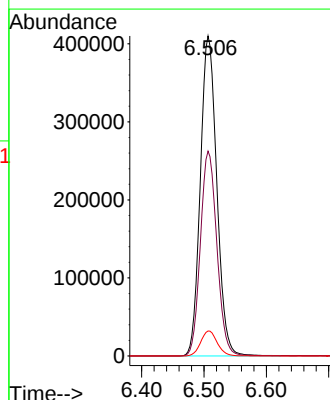
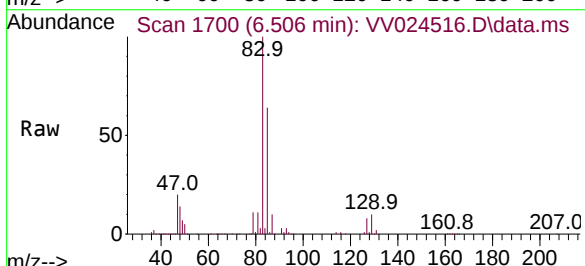
Tgt Ion: 83 Resp: 753224

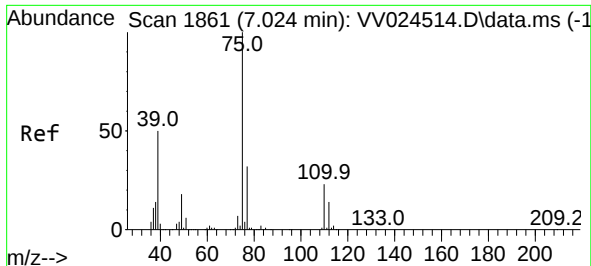
Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.2

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 249.360 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

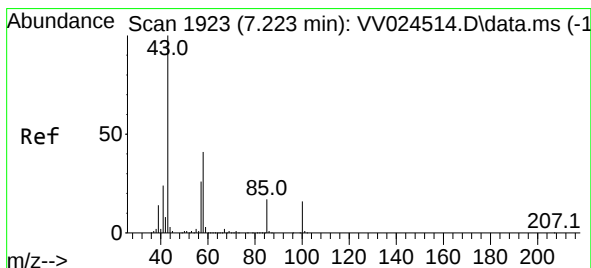
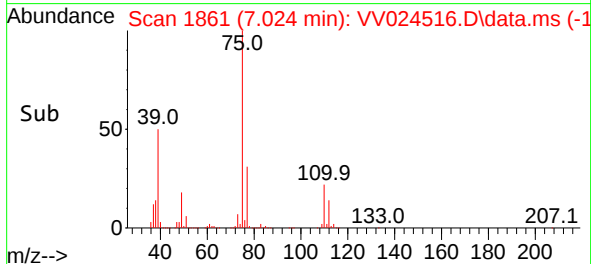
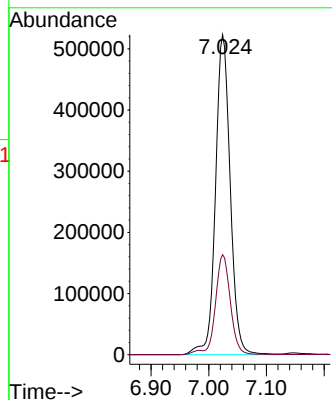
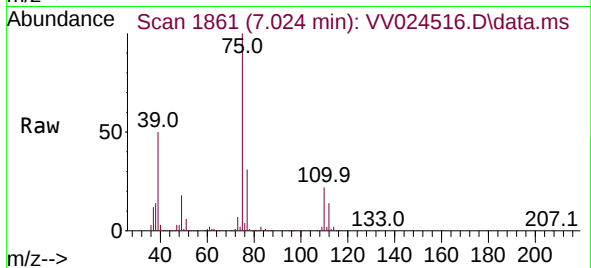
ClientSampleId :

Tgt Ion: 75 Resp: 926772

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 521.455 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

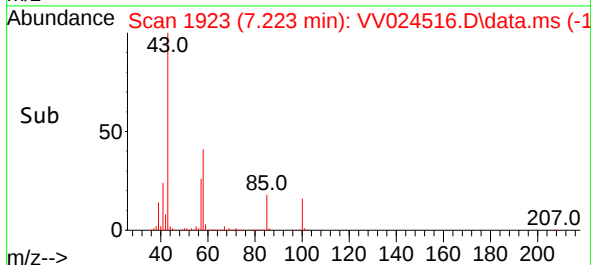
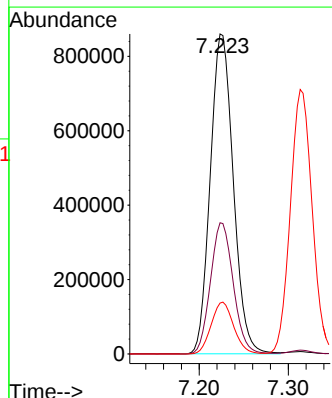
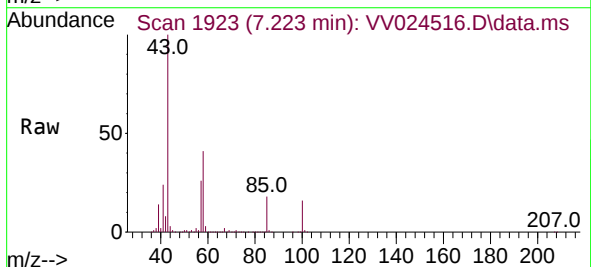
Tgt Ion: 43 Resp: 1542530

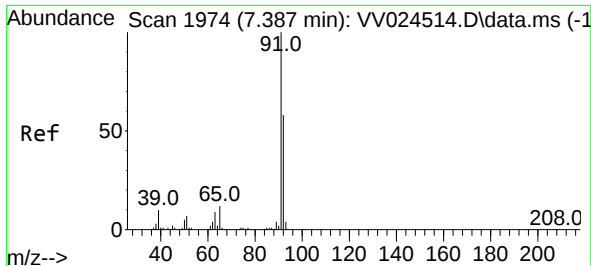
Ion Ratio Lower Upper

43 100

58 40.6 32.5 48.7

100 15.9 12.7 19.1

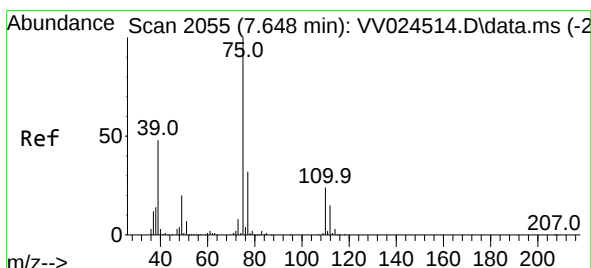
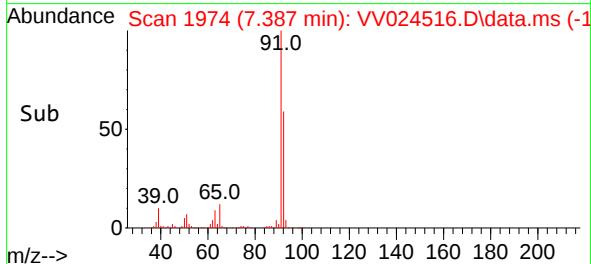
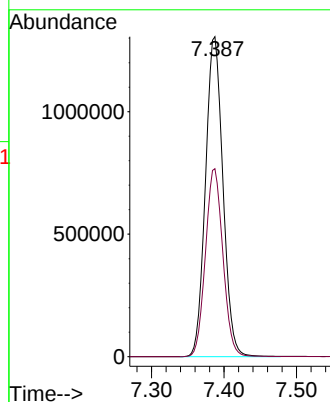
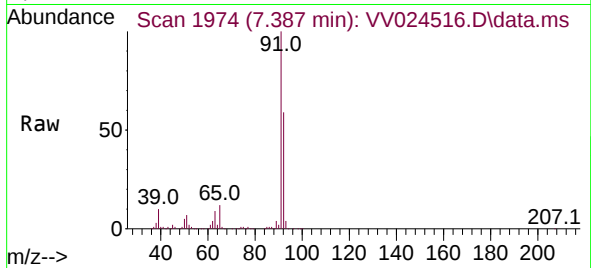




#42
Toluene
Concen: 215.687 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

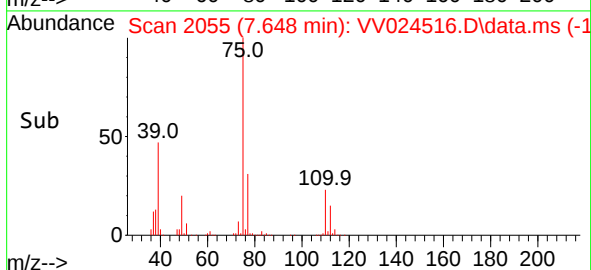
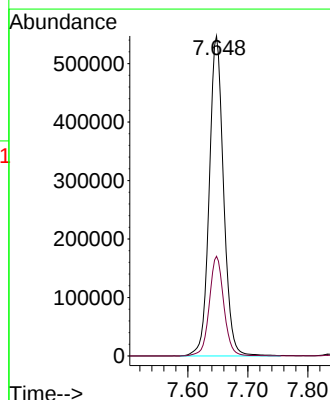
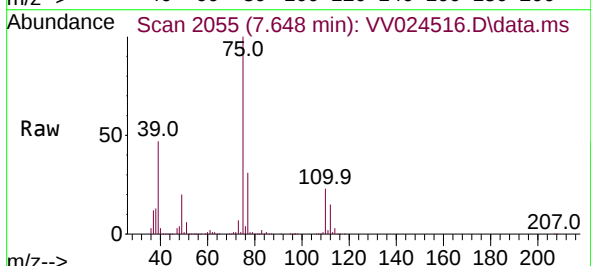
Instrument :
MSVOA_V
ClientSampleId :

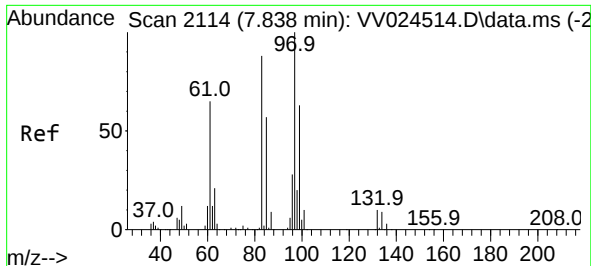
Tgt Ion: 91 Resp: 2185974
Ion Ratio Lower Upper
91 100
92 58.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 245.483 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

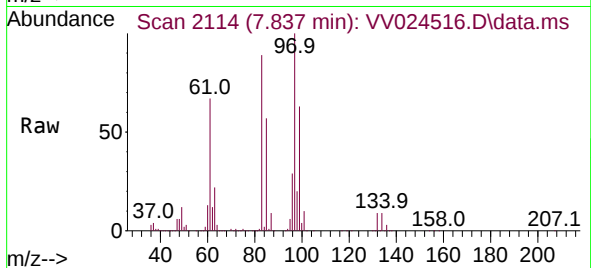
Tgt Ion: 75 Resp: 908833
Ion Ratio Lower Upper
75 100
77 31.1 22.7 42.1



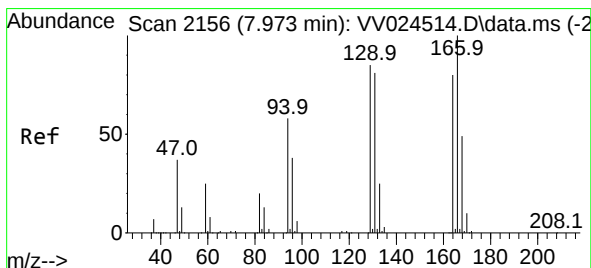
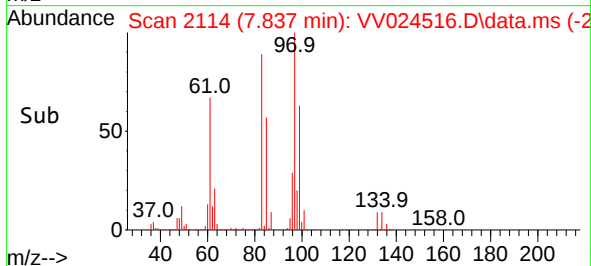
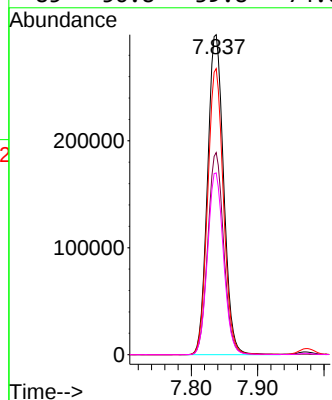


#45
1,1,2-Trichloroethane
Concen: 211.902 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :

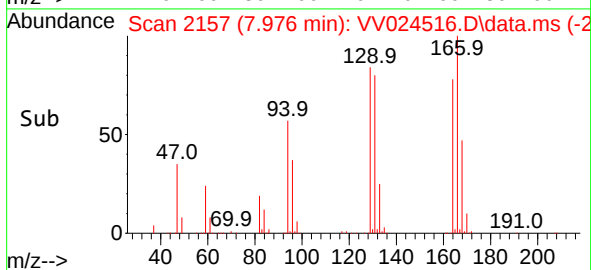
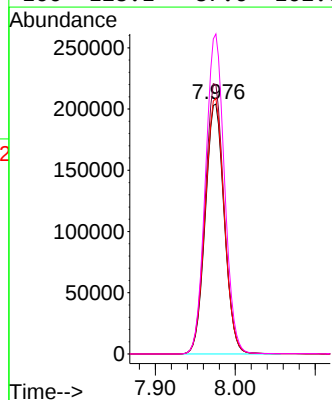
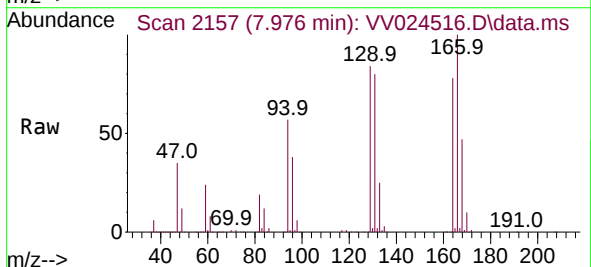


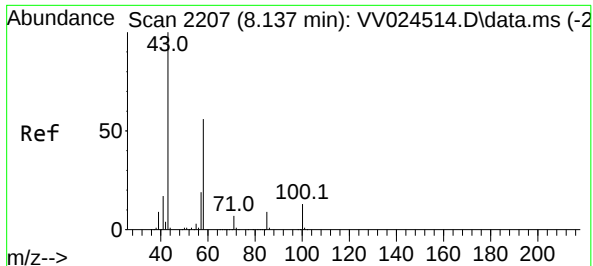
Tgt Ion:	97	Resp:	505065
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.4
83	89.4	61.7	114.7
85	56.8	39.8	74.0



#46
Tetrachloroethene
Concen: 159.221 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

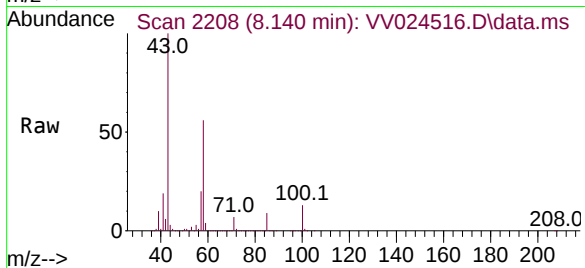
Tgt Ion:	164	Resp:	338586
Ion	Ratio	Lower	Upper
164	100		
129	107.8	74.8	138.8
131	102.3	70.8	131.6
166	128.1	87.6	162.6





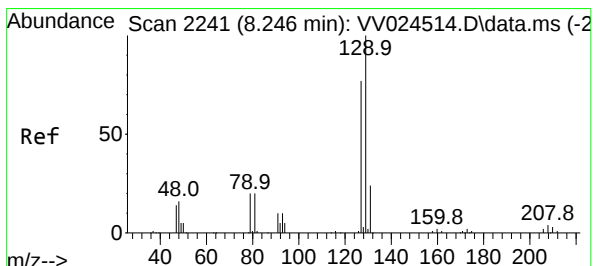
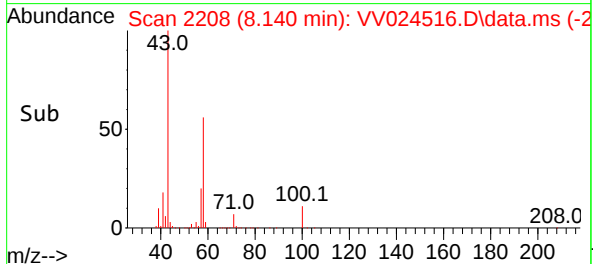
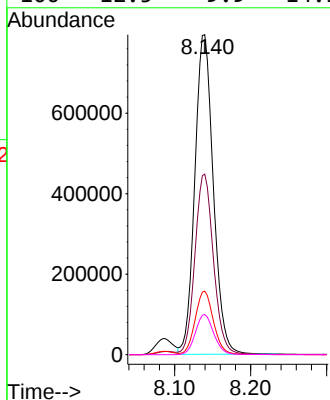
#48
2-Hexanone
Concen: 558.585 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1344088

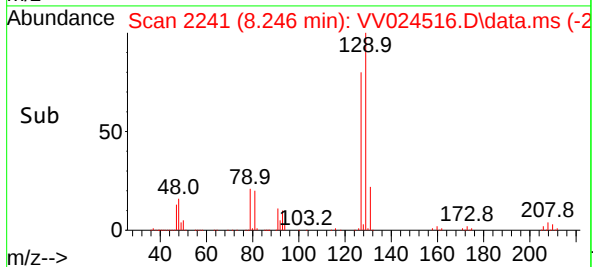
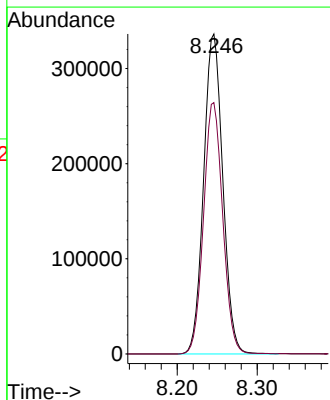
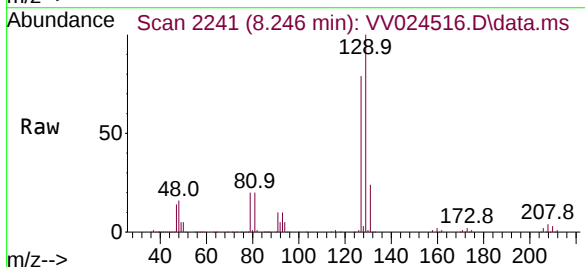
Ion	Ratio	Lower	Upper
43	100		
58	56.7	44.8	67.2
57	19.7	15.1	22.7
100	12.5	9.9	14.9

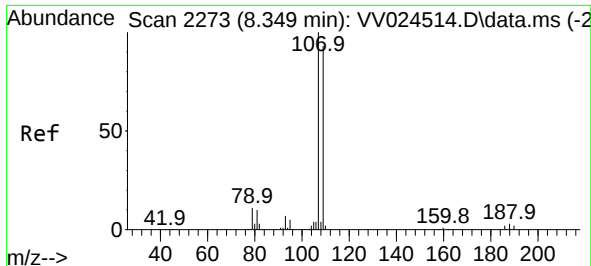


#49
Dibromochloromethane
Concen: 193.891 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 129 Resp: 561109

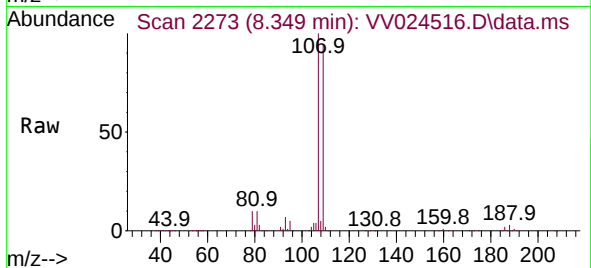
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.6	99.6



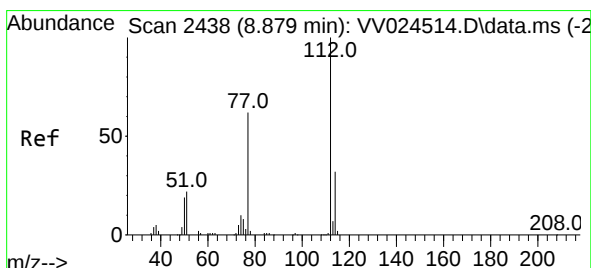
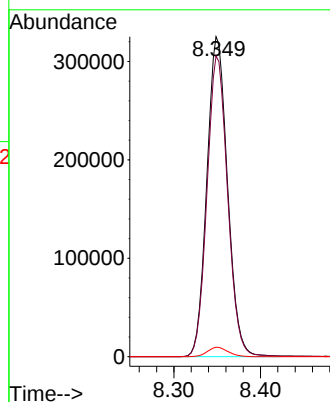
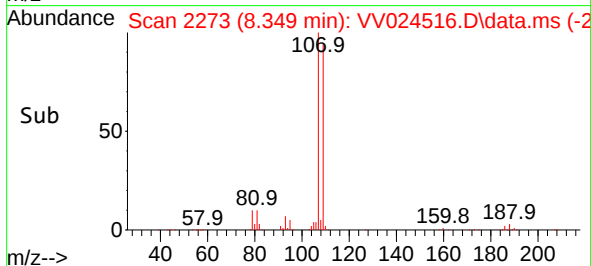


#50
1,2-Dibromoethane
Concen: 211.133 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :

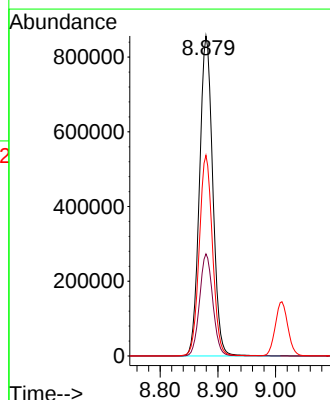
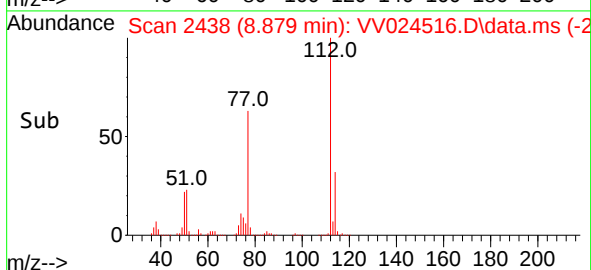
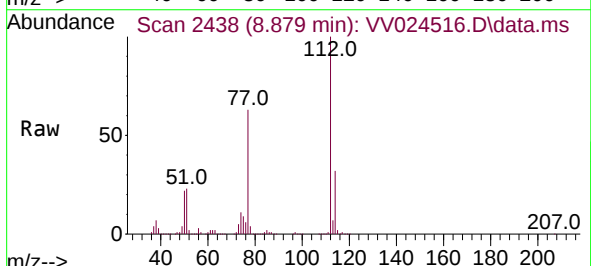


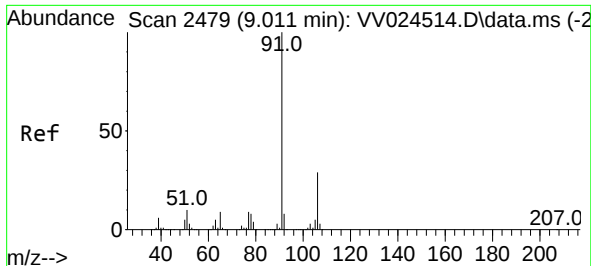
Tgt Ion:107 Resp: 538720
Ion Ratio Lower Upper
107 100
109 93.9 65.4 121.4
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 201.790 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion:112 Resp: 1361287
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 62.7 49.9 74.9

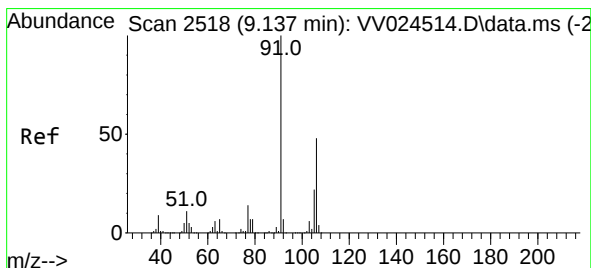
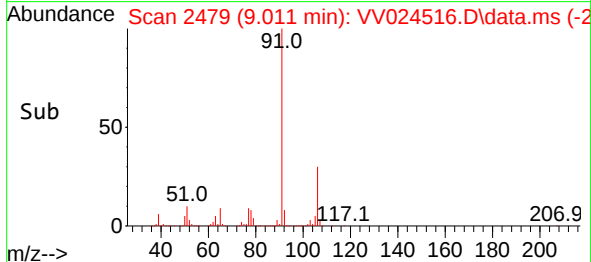
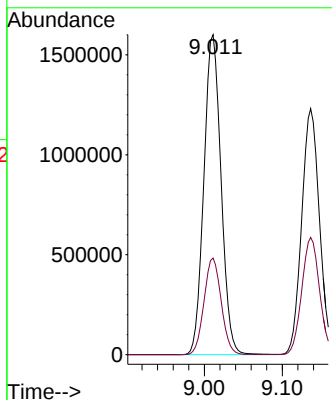
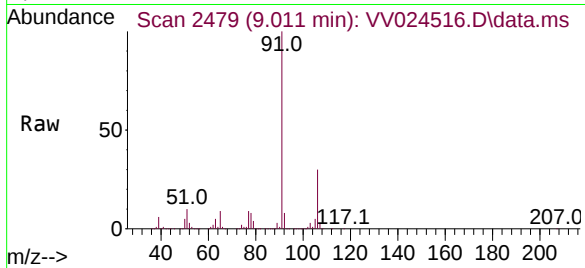




#52
Ethylbenzene
Concen: 224.720 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

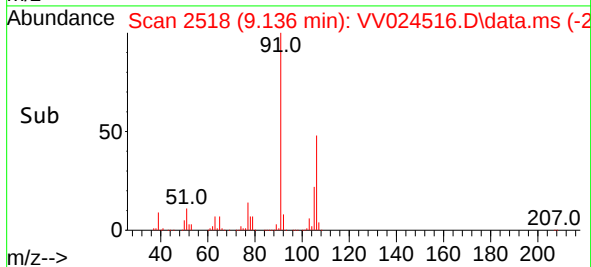
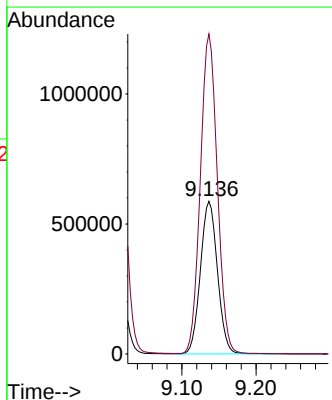
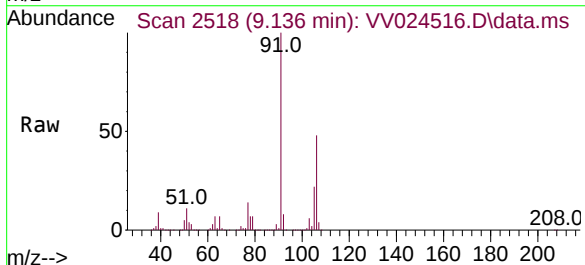
Instrument :
MSVOA_V
ClientSampleId :

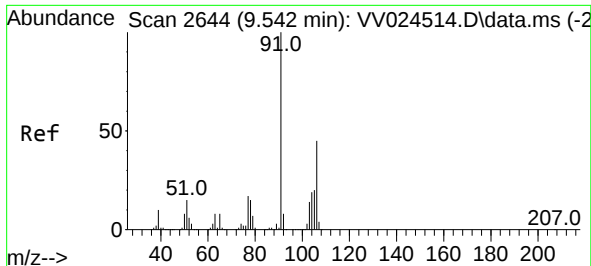
Tgt Ion: 91 Resp: 2452254
Ion Ratio Lower Upper
91 100
106 30.2 20.6 38.2



#53
m,p-Xylene
Concen: 216.965 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion:106 Resp: 933526
Ion Ratio Lower Upper
106 100
91 209.6 144.6 268.6

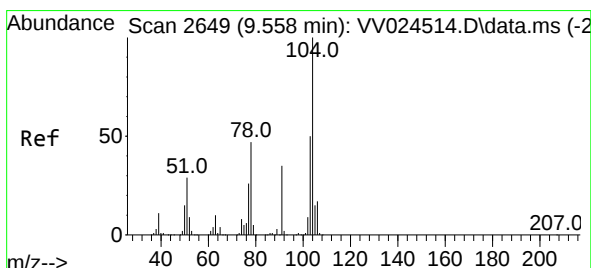
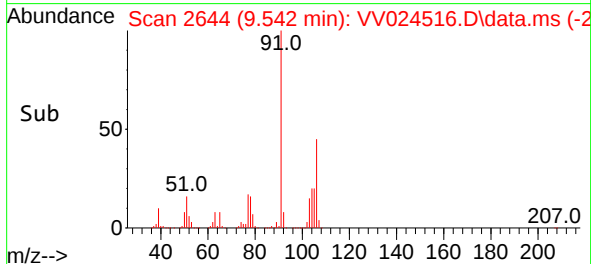
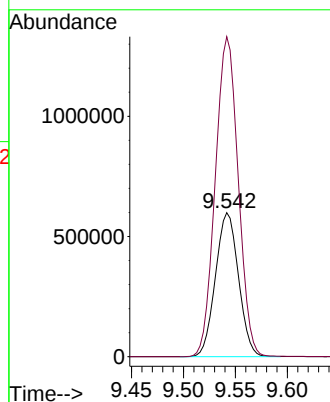
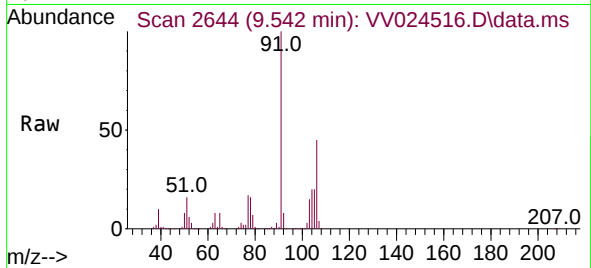




#54
o-Xylene
Concen: 223.470 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

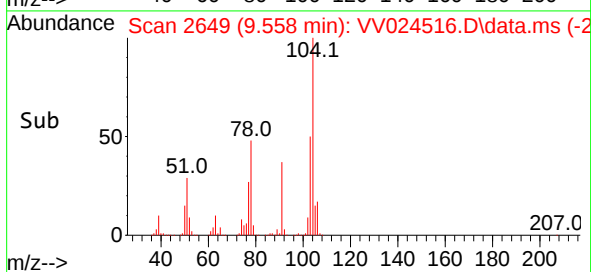
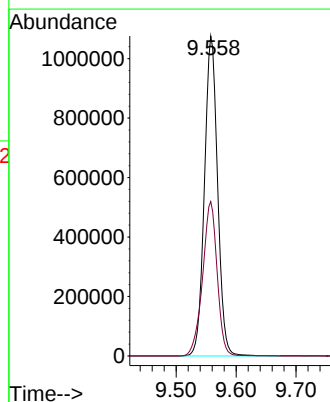
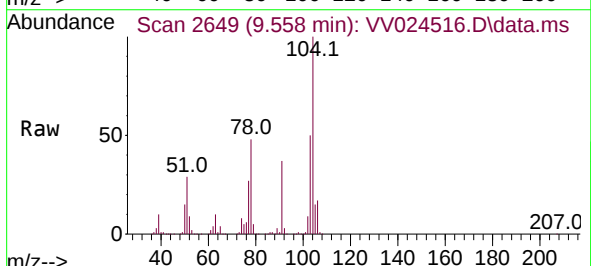
Instrument :
MSVOA_V
ClientSampleId :

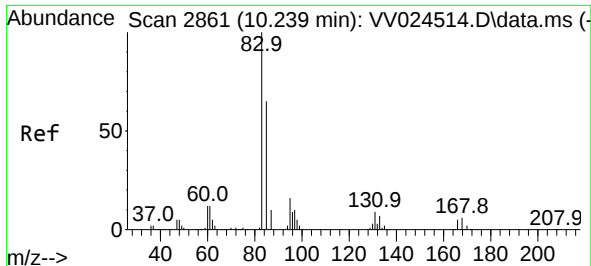
Tgt Ion:106 Resp: 923621
Ion Ratio Lower Upper
106 100
91 222.3 155.4 288.6



#55
Styrene
Concen: 230.880 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion:104 Resp: 1644519
Ion Ratio Lower Upper
104 100
78 48.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 231.397 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

ClientSampleId :

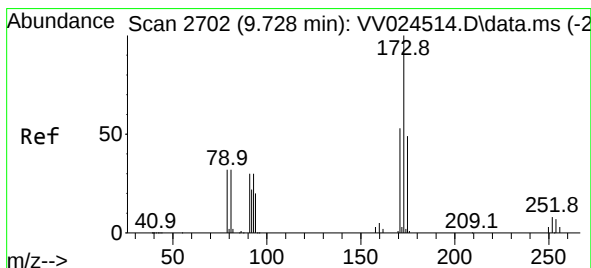
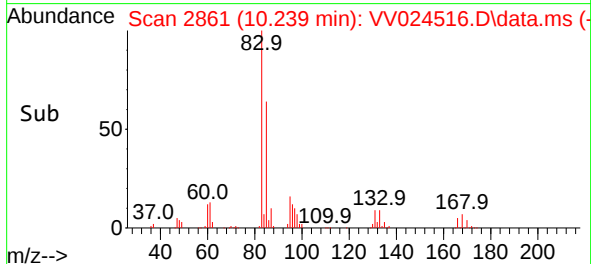
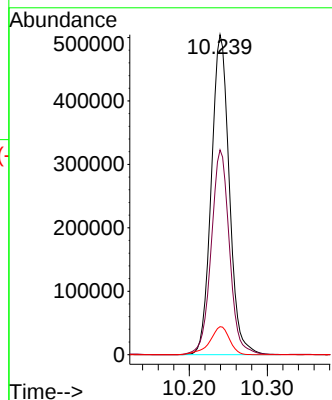
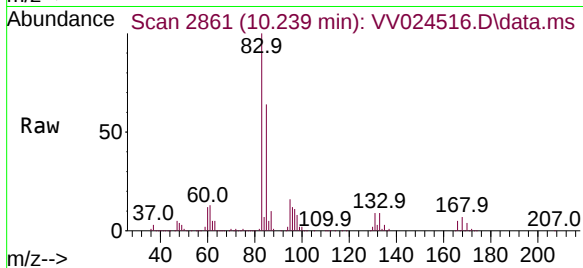
Tgt Ion: 83 Resp: 806745

Ion Ratio Lower Upper

83 100

85 64.0 45.6 84.6

131 8.7 7.1 10.7



#59

Bromoform

Concen: 190.047 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

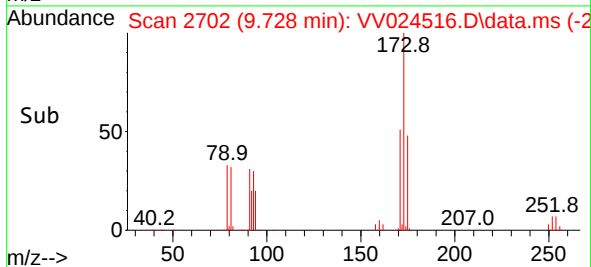
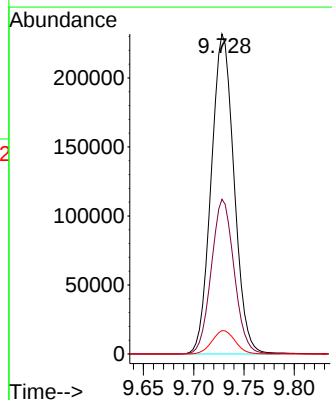
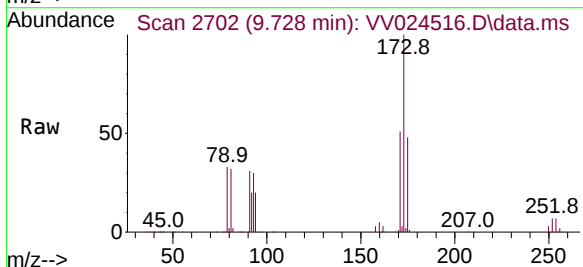
Tgt Ion: 173 Resp: 366807

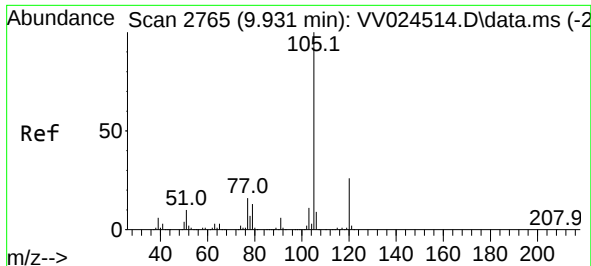
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

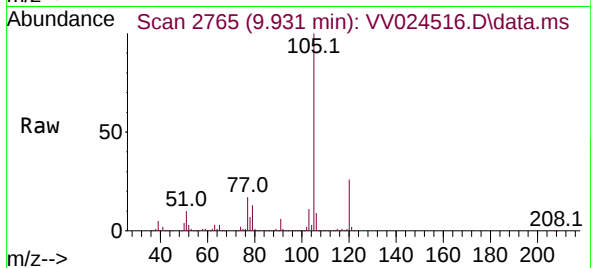
254 7.4 5.8 8.8



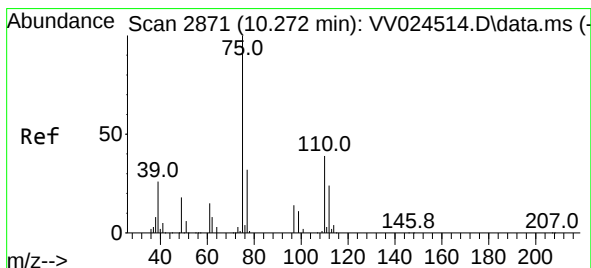
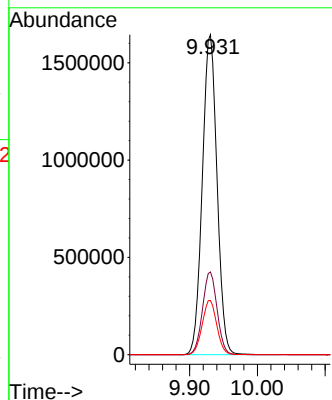
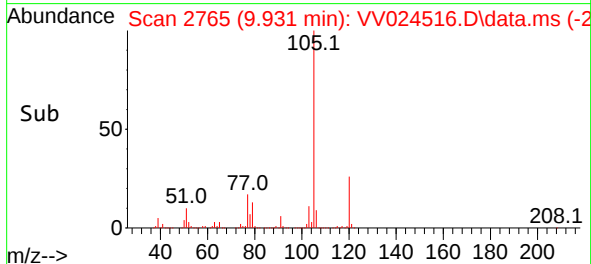


#60
Isopropylbenzene
Concen: 244.732 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :

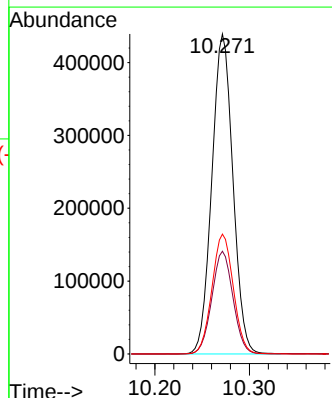
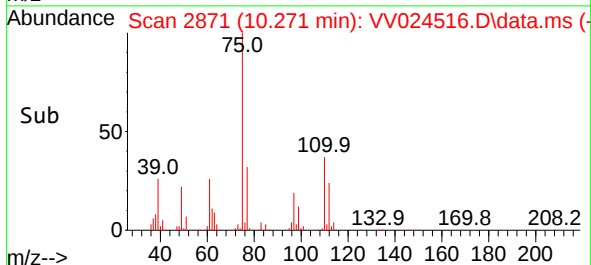
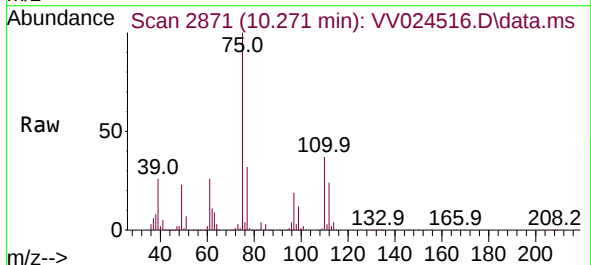


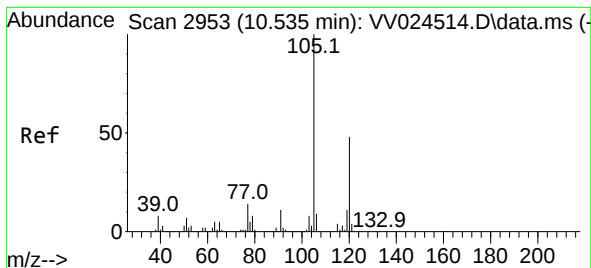
Tgt Ion:105 Resp: 2473746
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 16.9 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 246.284 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 75 Resp: 679709
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 38.0 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 246.866 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

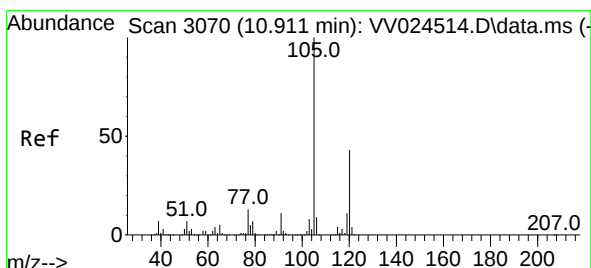
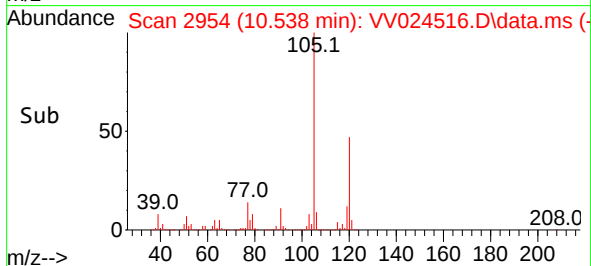
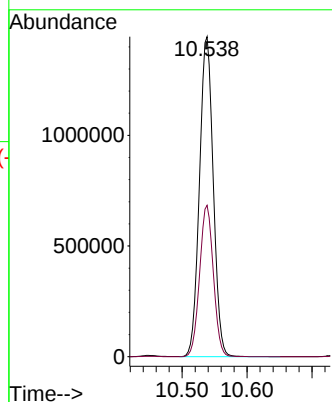
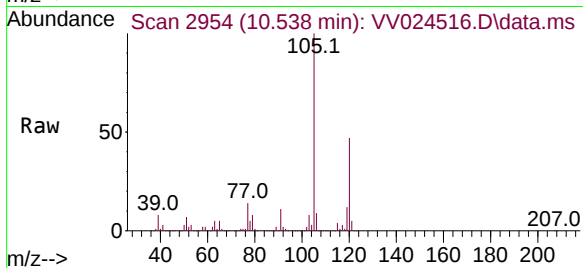
ClientSampleId :

Tgt Ion:105 Resp: 2139367

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 251.566 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024516.D

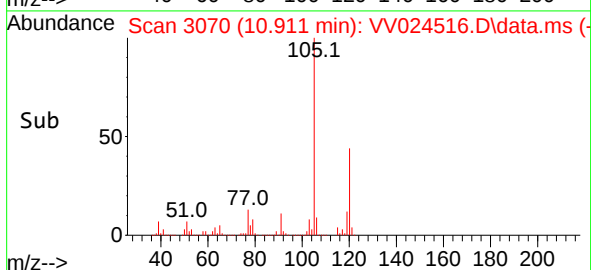
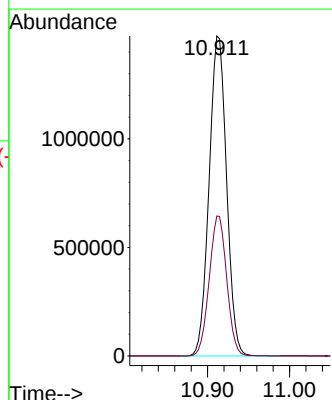
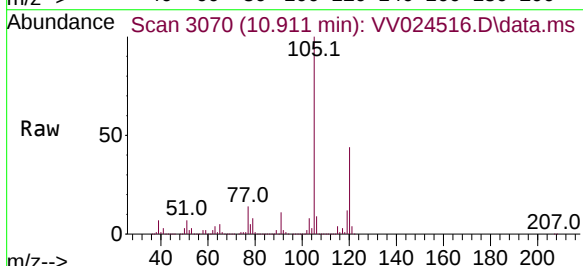
Acq: 02 Feb 2022 11:38

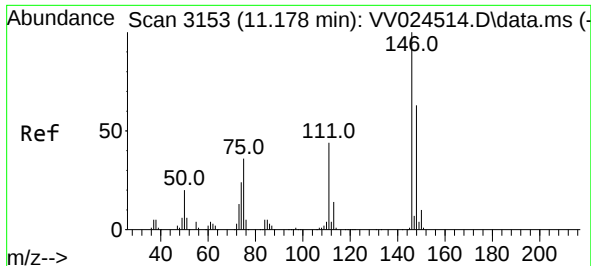
Tgt Ion:105 Resp: 2176187

Ion Ratio Lower Upper

105 100

120 43.9 34.9 52.3

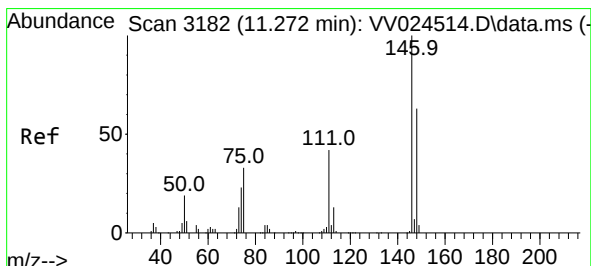
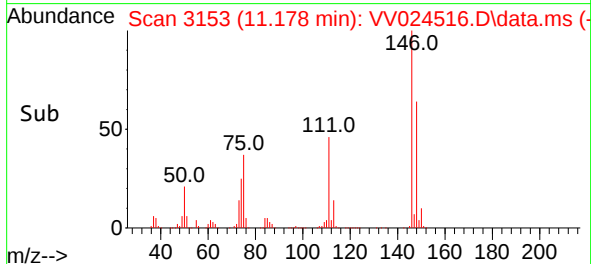
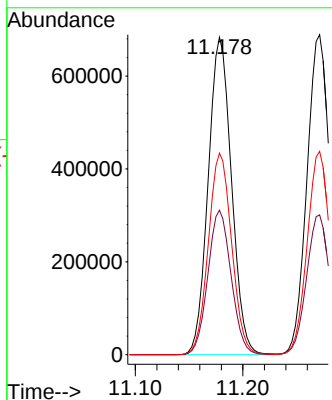
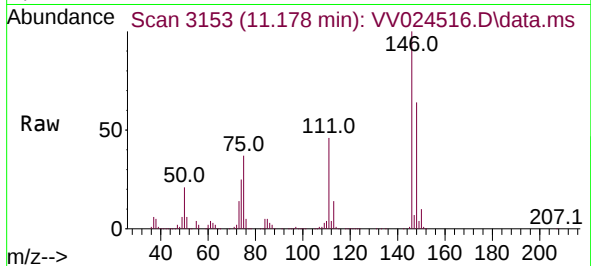




#64
1,3-Dichlorobenzene
Concen: 207.244 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

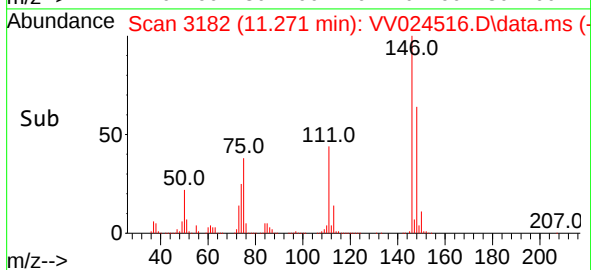
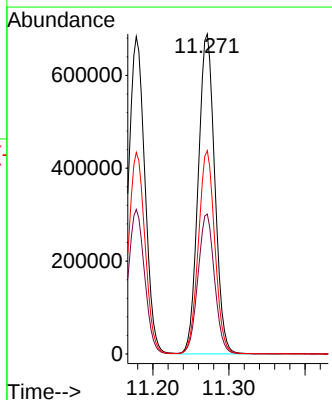
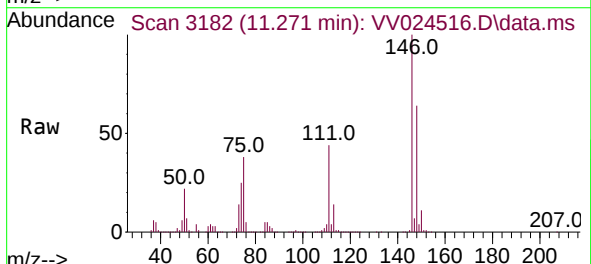
Instrument :
MSVOA_V
ClientSampleId :

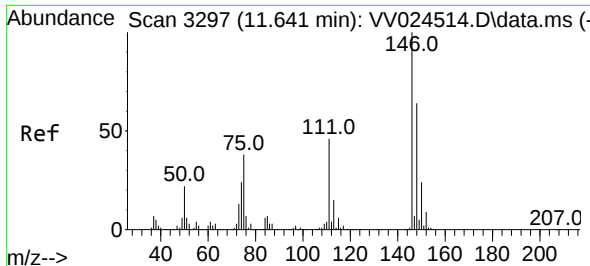
Tgt Ion:146 Resp: 1029745
Ion Ratio Lower Upper
146 100
111 45.5 31.0 57.6
148 63.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 203.722 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

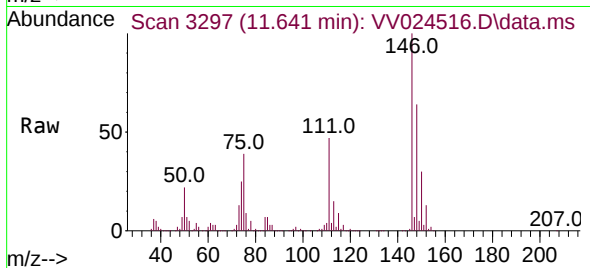
Tgt Ion:146 Resp: 1040151
Ion Ratio Lower Upper
146 100
111 43.7 29.7 55.1
148 63.6 44.2 82.2



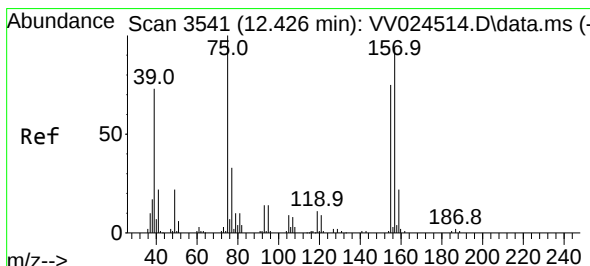
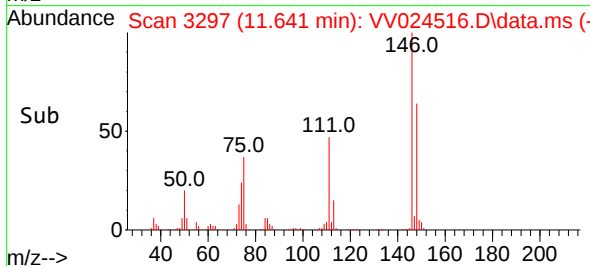
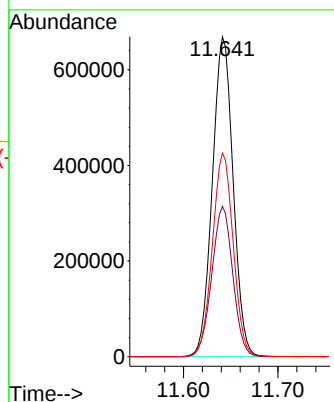


#67
1,2-Dichlorobenzene
Concen: 200.388 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_V
ClientSampleId :

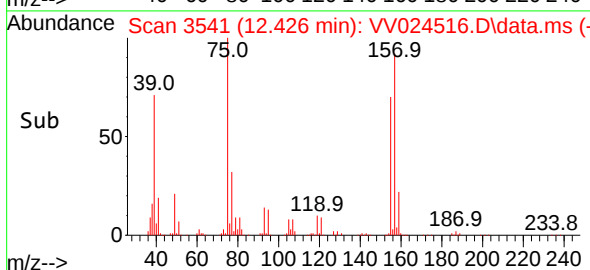
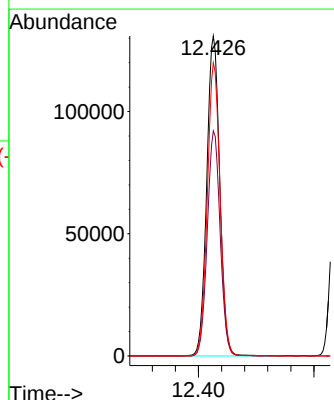
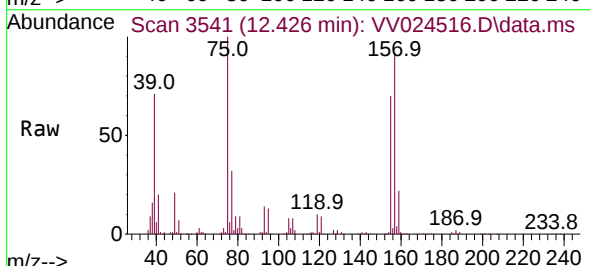


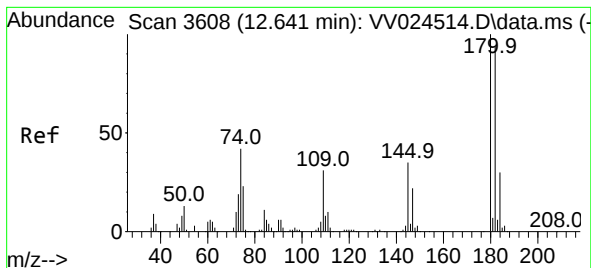
Tgt Ion:146 Resp: 1020588
Ion Ratio Lower Upper
146 100
111 47.0 37.0 55.6
148 63.6 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 264.311 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024516.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 75 Resp: 204526
Ion Ratio Lower Upper
75 100
155 70.3 60.2 90.4
157 91.6 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 189.790 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

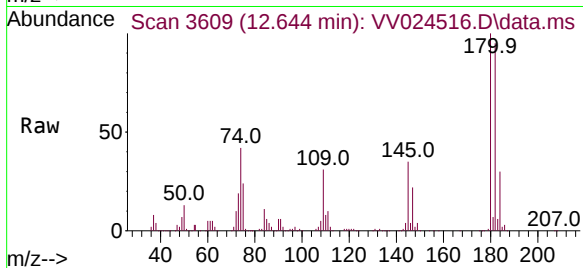
Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 703407

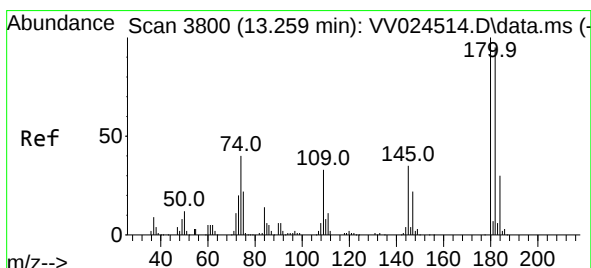
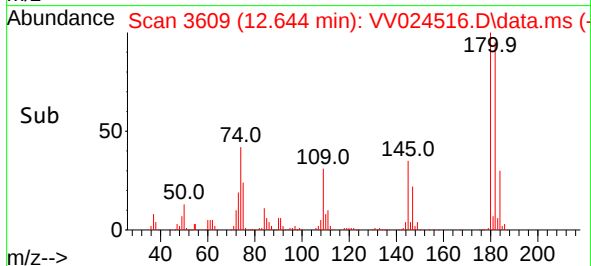
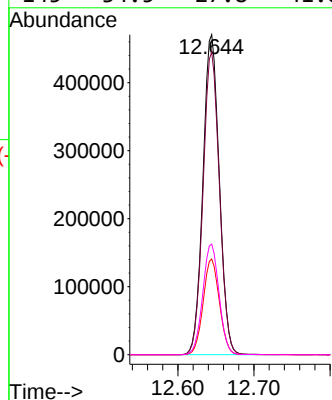
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

184 29.7 23.8 35.8

145 34.5 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 196.949 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

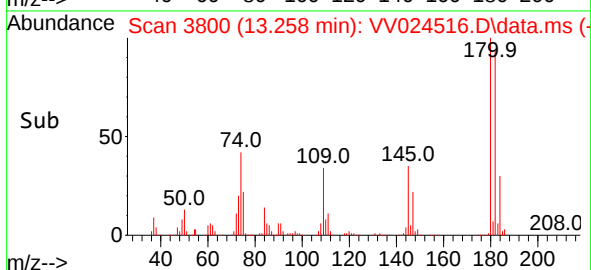
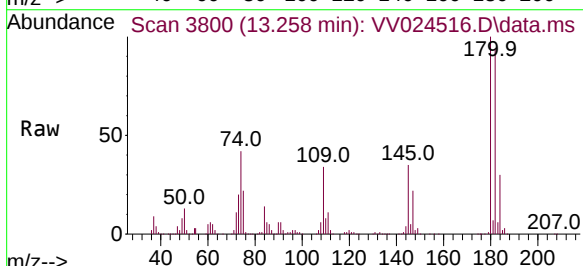
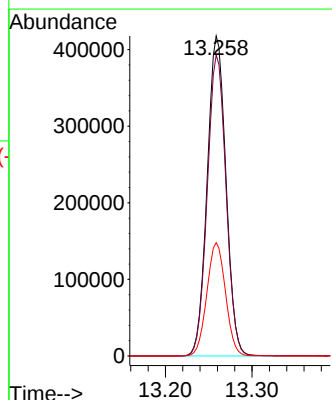
Tgt Ion:180 Resp: 629007

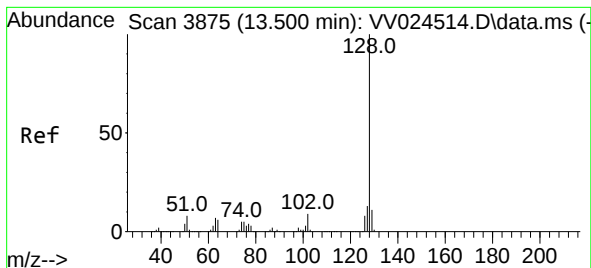
Ion Ratio Lower Upper

180 100

182 94.1 76.3 114.5

145 35.3 28.5 42.7





#71

Naphthalene

Concen: 232.773 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_V

ClientSampleId :

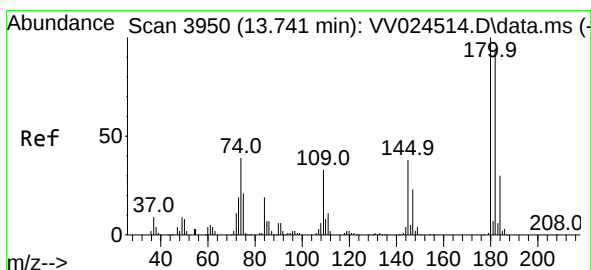
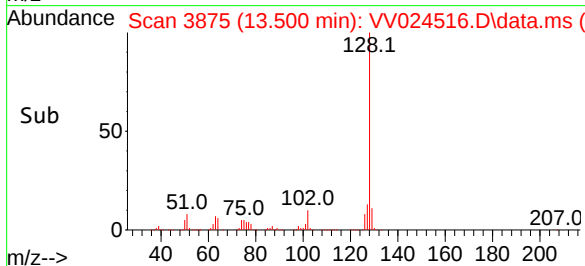
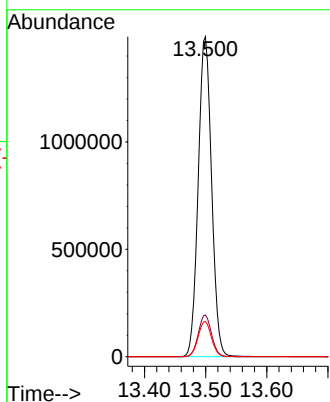
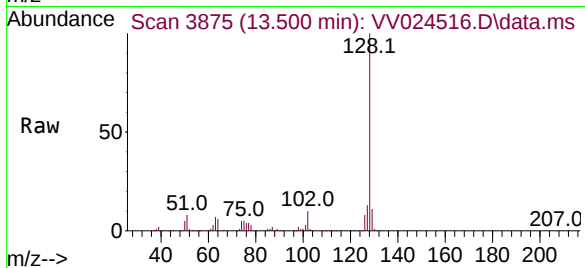
Tgt Ion:128 Resp: 2263134

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 184.762 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024516.D

Acq: 02 Feb 2022 11:38

Tgt Ion:180 Resp: 602105

Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

145 37.0 30.1 45.1

