

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030922\
 Data File : VW024901.D
 Acq On : 10 Mar 2022 02:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 10 05:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 10 05:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	293263	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	289705	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	145665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	115296	38.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.320%
7) Chloroethane-d5	1.571	69	101339	43.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	2.111	63	208798	41.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.440%
21) 2-Butanone-d5	3.895	46	172498	101.648	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.650%
24) Chloroform-d	4.349	84	240855	46.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
26) 1,2-Dichloroethane-d4	5.030	65	142899	46.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
32) Benzene-d6	5.050	84	485574	45.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	6.069	67	153760	45.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.313	98	430977	45.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.619	79	65710	45.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.400%
47) 2-Hexanone-d5	8.088	63	130126	102.471	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.470%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	190884	48.104	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	157360	46.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	112135	40.499	ug/L	100
3) Chloromethane	1.243	50	127332	44.452	ug/L	100
5) Vinyl chloride	1.314	62	131791	44.841	ug/L	99
6) Bromomethane	1.523	94	82478	46.977	ug/L	98
8) Chloroethane	1.587	64	83214	48.312	ug/L	98
9) Trichlorofluoromethane	1.754	101	166916	44.409	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	87613	39.307	ug/L	100
12) 1,1-Dichloroethene	2.121	96	98929	45.574	ug/L	87
13) Acetone	2.188	43	96365	74.364	ug/L	99
14) Carbon disulfide	2.294	76	288704	43.536	ug/L	99
15) Methyl Acetate	2.439	43	111731	50.192	ug/L	99
16) Methylene chloride	2.510	84	123122	48.430	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	108117	46.053	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	347263	48.514	ug/L	100
19) 1,1-Dichloroethane	3.191	63	204392	48.287	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	122205	48.089	ug/L	100
22) 2-Butanone	3.979	43	147439	99.225	ug/L	99
23) Bromochloromethane	4.249	128	61715	48.559	ug/L	96
25) Chloroform	4.375	83	211570	48.116	ug/L	98

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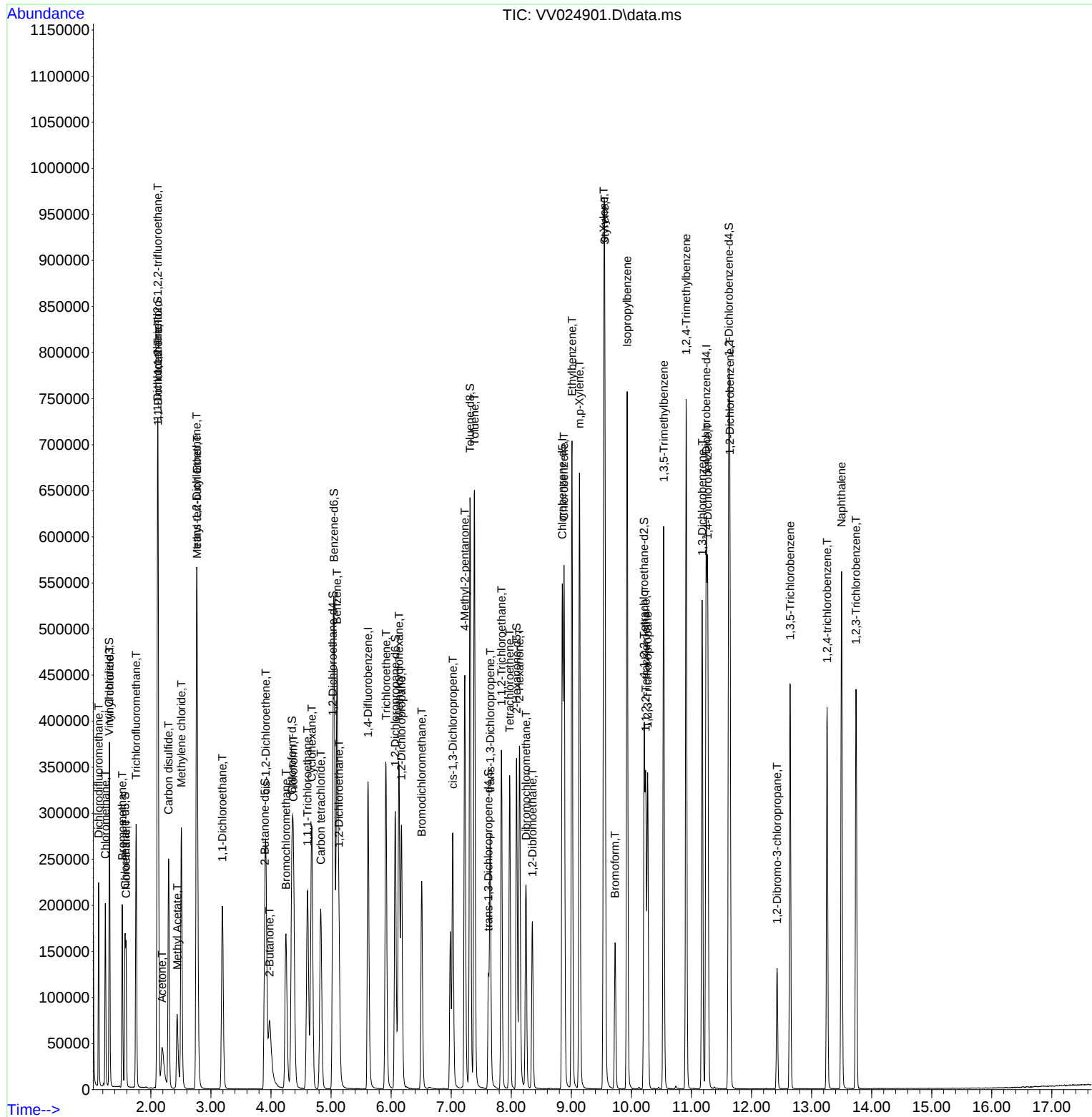
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	148935	48.538	ug/L	100
29) Cyclohexane	4.677	56	164194	43.328	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	178708	46.846	ug/L	100
31) Carbon tetrachloride	4.828	117	148586	45.810	ug/L	99
33) Benzene	5.098	78	465295	47.590	ug/L	100
34) Trichloroethene	5.915	95	125021	46.645	ug/L	99
35) Methylcyclohexane	6.130	83	157242	38.668	ug/L	98
37) 1,2-Dichloropropane	6.172	63	119662	48.773	ug/L	100
38) Bromodichloromethane	6.510	83	154188	47.959	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	172236	46.644	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	286321	97.884	ug/L	99
42) Toluene	7.387	91	482813	47.324	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	163418	48.172	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	115818	48.585	ug/L	99
46) Tetrachloroethene	7.976	164	72413	41.833	ug/L	96
48) 2-Hexanone	8.136	43	222513	96.657	ug/L	98
49) Dibromochloromethane	8.246	129	118054	51.246	ug/L	100
50) 1,2-Dibromoethane	8.352	107	121645	49.481	ug/L	98
51) Chlorobenzene	8.879	112	302883	47.061	ug/L	99
52) Ethylbenzene	9.011	91	504149	46.852	ug/L	99
53) m,p-Xylene	9.136	106	192255	46.498	ug/L	99
54) o-Xylene	9.542	106	192970	48.301	ug/L	100
55) Styrene	9.558	104	334151	49.294	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	161468	48.426	ug/L	98
59) Bromoform	9.728	173	68016	51.258	ug/L	98
60) Isopropylbenzene	9.931	105	493289	46.630	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	140078	48.060	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	329507	46.166	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	405099	46.307	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	207859	44.777	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	207283	43.616	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	215418	46.110	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	32842	49.359	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	126956	40.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	115213	42.200	ug/L	98
71) Naphthalene	13.500	128	430277	48.643	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	121610	45.172	ug/L	99

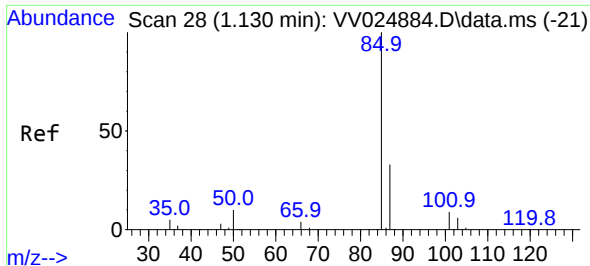
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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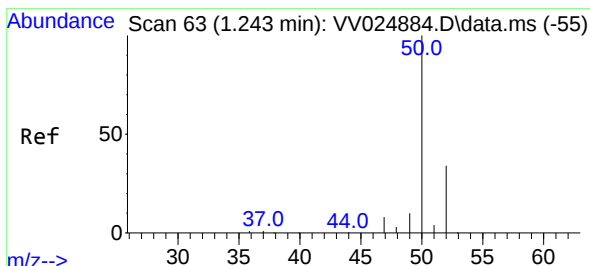
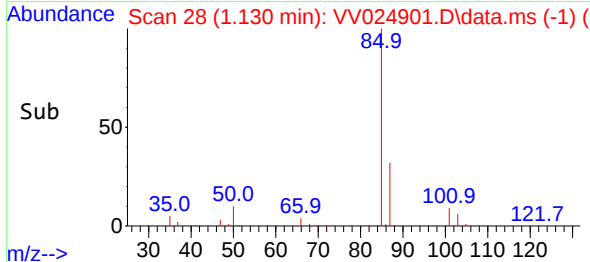
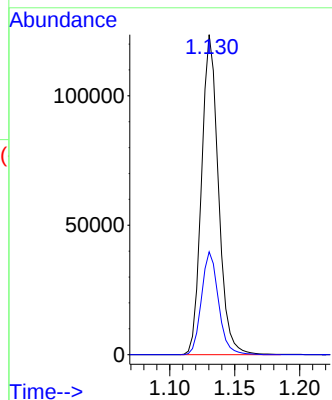
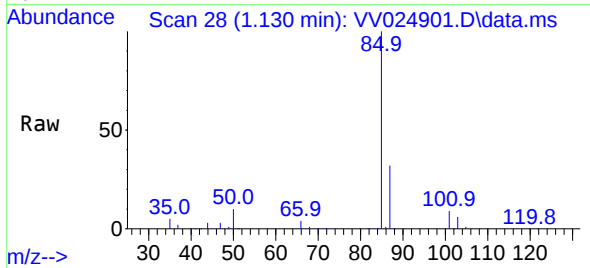




#2
 Dichlorodifluoromethane
 Concen: 40.499 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024901.D
 Acq: 10 Mar 2022 02:53

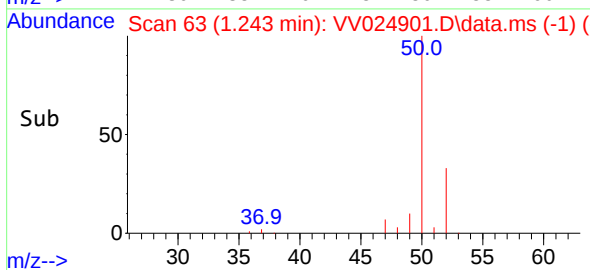
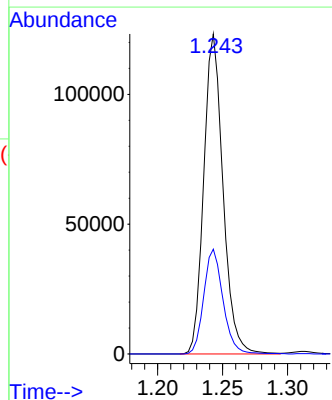
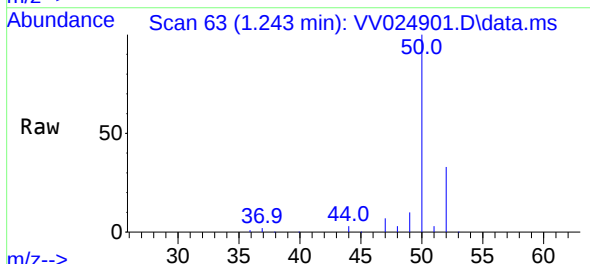
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 112135
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8

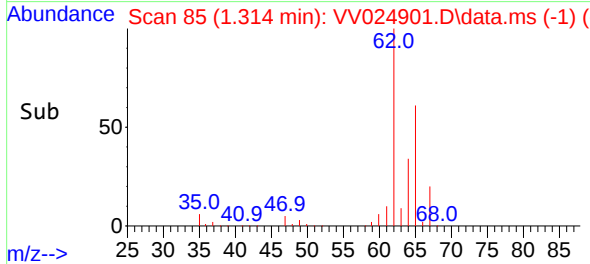
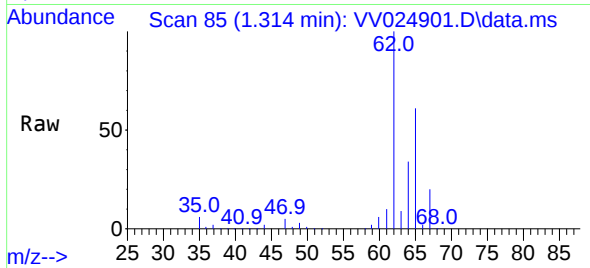
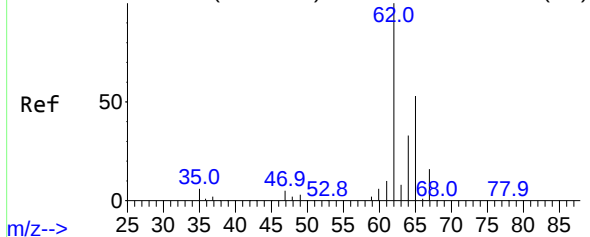


#3
 Chloromethane
 Concen: 44.452 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024901.D
 Acq: 10 Mar 2022 02:53

Tgt Ion: 50 Resp: 127332
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4



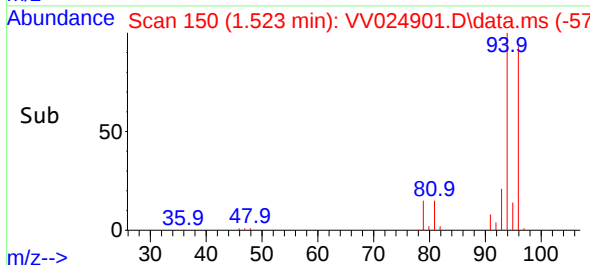
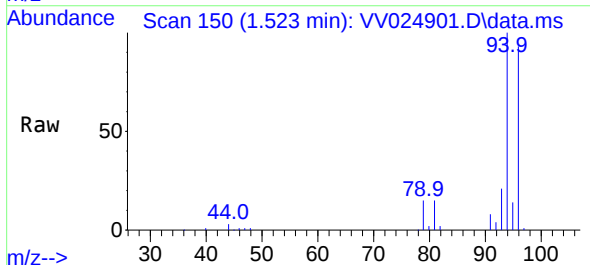
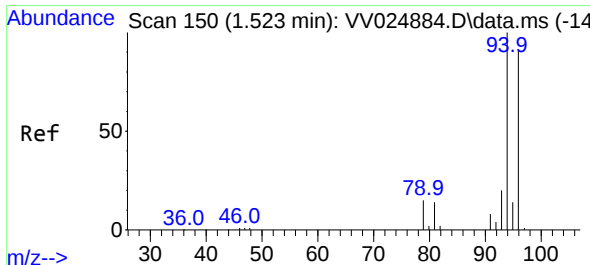
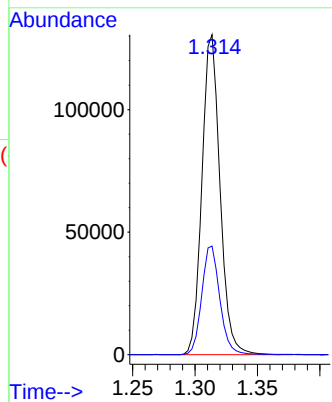
Abundance Scan 85 (1.314 min): VV024884.D\data.ms (-77)



#5
Vinyl chloride
Concen: 44.841 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

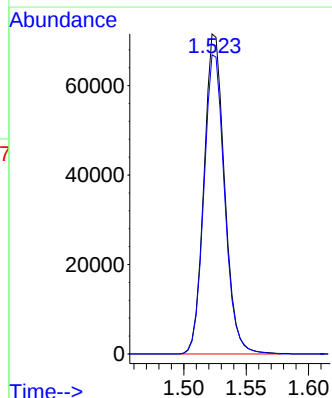
Instrument :
MSVOA_V
ClientSampleId :

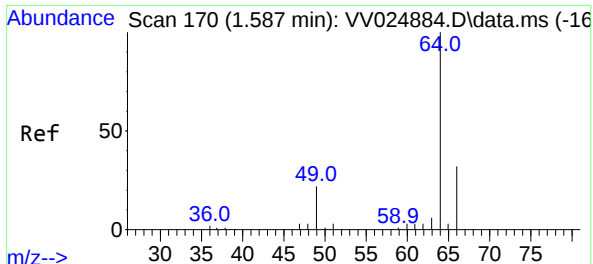
Tgt Ion: 62 Resp: 131791
Ion Ratio Lower Upper
62 100
64 33.9 23.2 43.0



#6
Bromomethane
Concen: 46.977 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion: 94 Resp: 82478
Ion Ratio Lower Upper
94 100
96 93.5 66.7 123.9

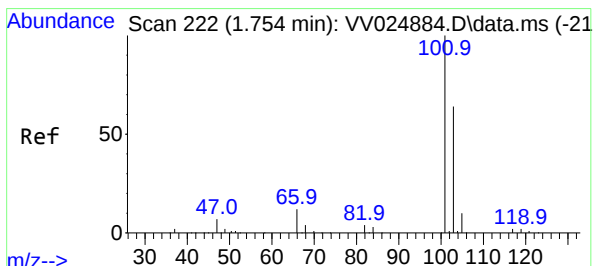
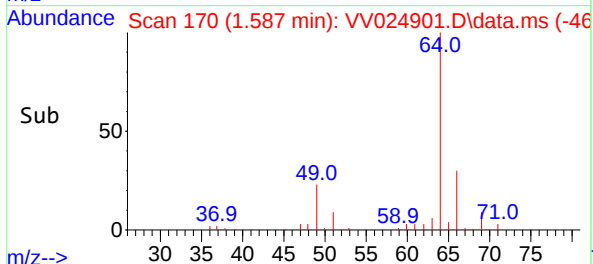
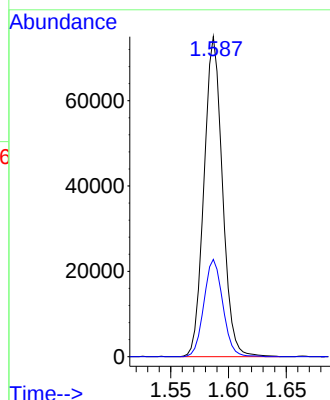
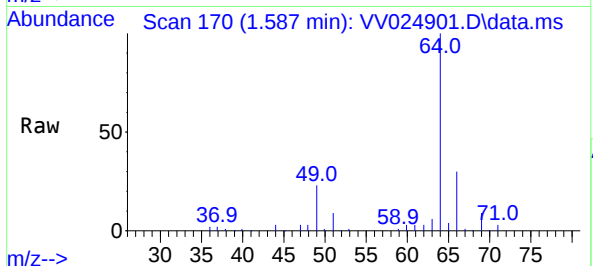




#8
Chloroethane
Concen: 48.312 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

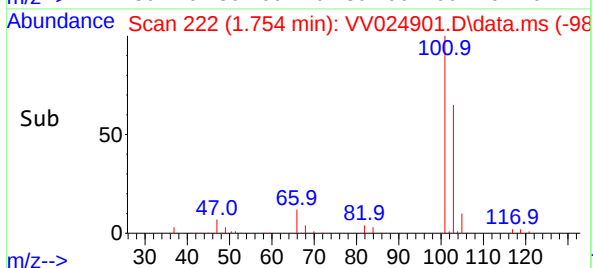
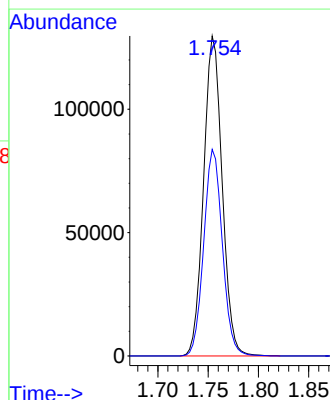
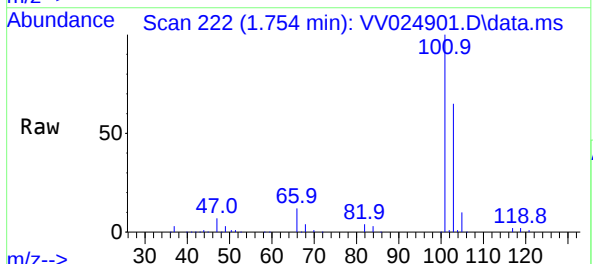
Instrument :
MSVOA_V
ClientSampleId :

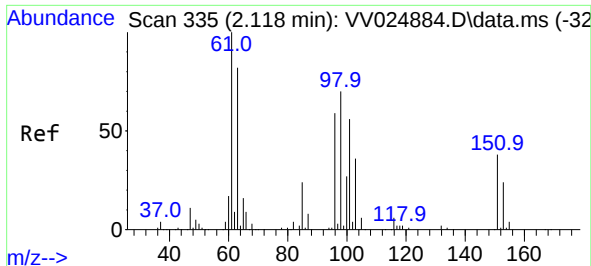
Tgt Ion: 64 Resp: 83214
Ion Ratio Lower Upper
64 100
66 30.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 44.409 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

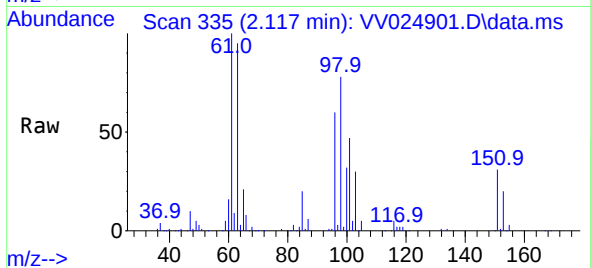
Tgt Ion:101 Resp: 166916
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1



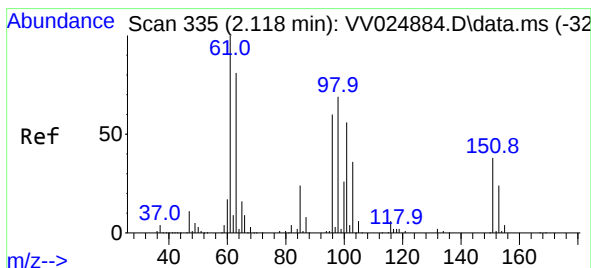
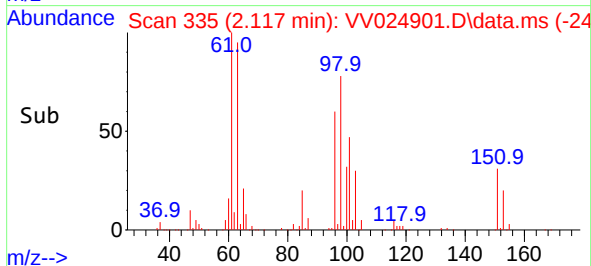
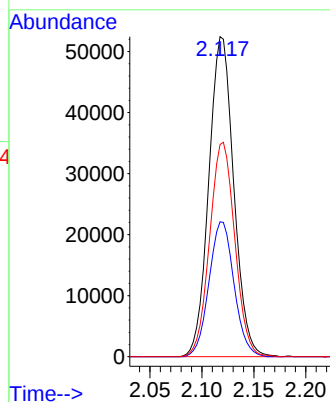


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 39.307 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV024901.D
 Acq: 10 Mar 2022 02:53

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 ClientSampleId :

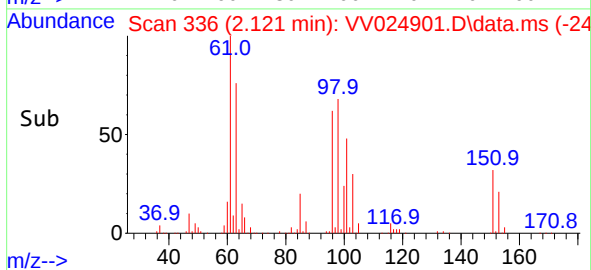
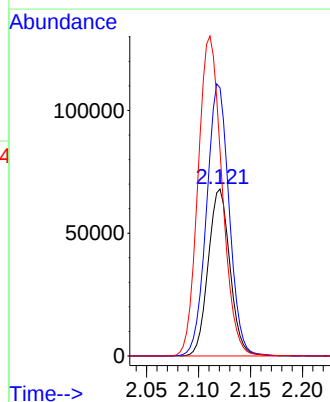
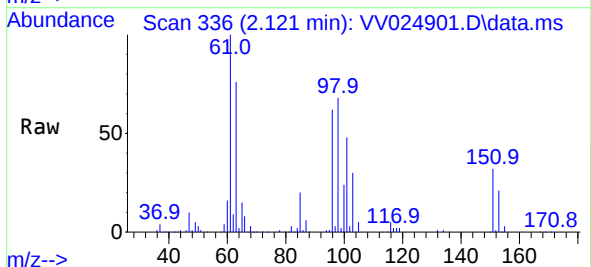


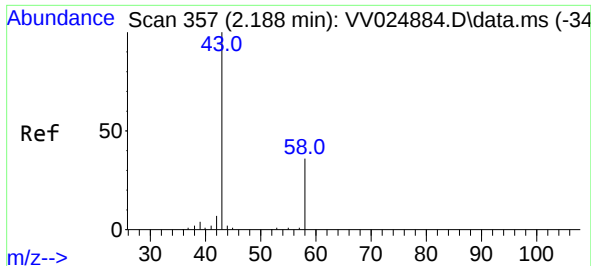
Tgt Ion:101 Resp: 87613
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.8
 151 67.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 45.574 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024901.D
 Acq: 10 Mar 2022 02:53

Tgt Ion: 96 Resp: 98929
 Ion Ratio Lower Upper
 96 100
 61 160.6 117.6 218.4
 63 122.8 105.3 195.5

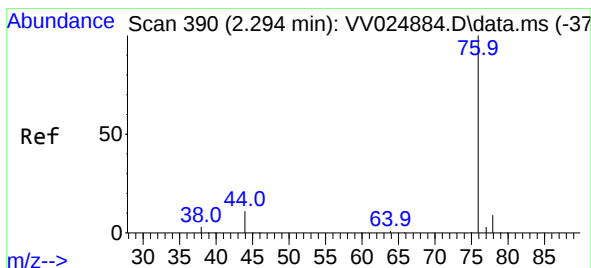
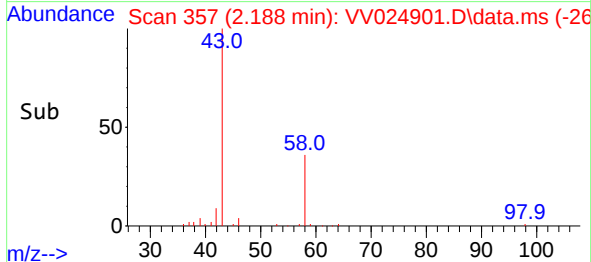
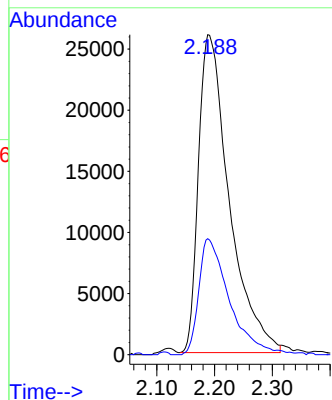
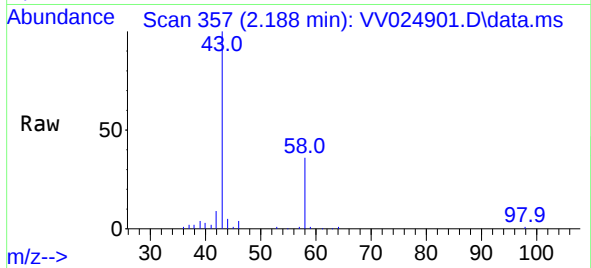




#13
Acetone
Concen: 74.364 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

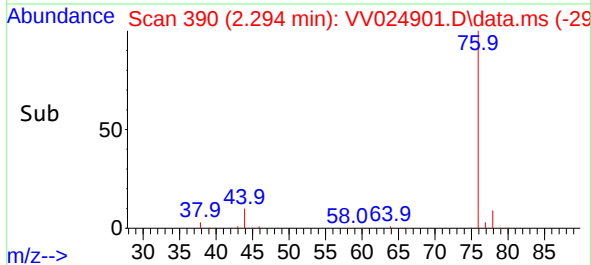
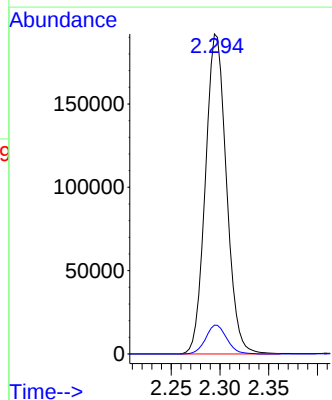
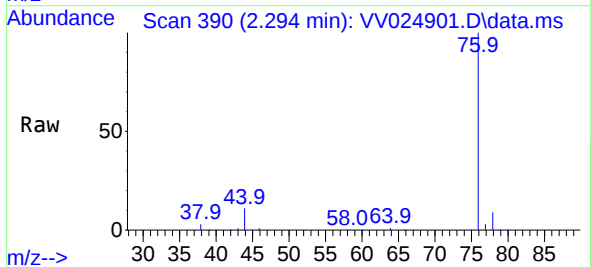
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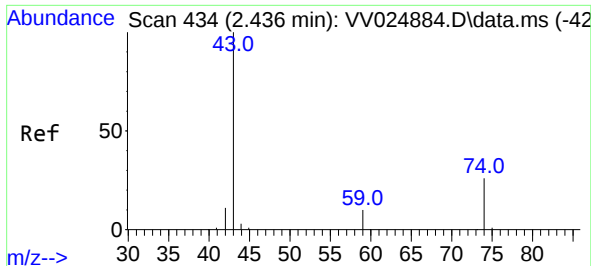
Tgt Ion: 43 Resp: 96365
Ion Ratio Lower Upper
43 100
58 35.6 0.0 70.0



#14
Carbon disulfide
Concen: 43.536 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV024901.D
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Tgt Ion: 76 Resp: 288704
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

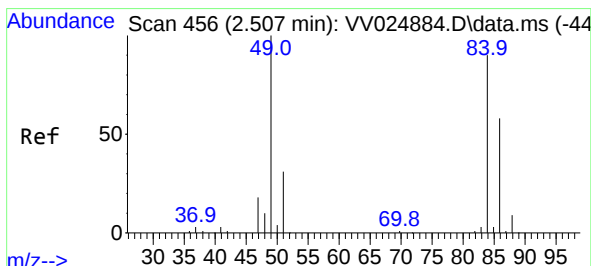
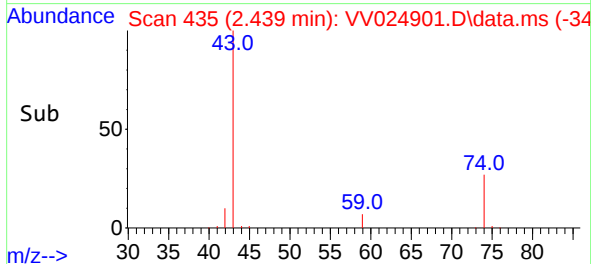
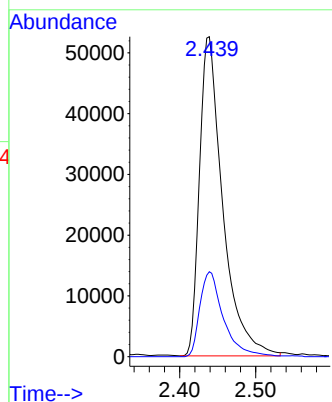
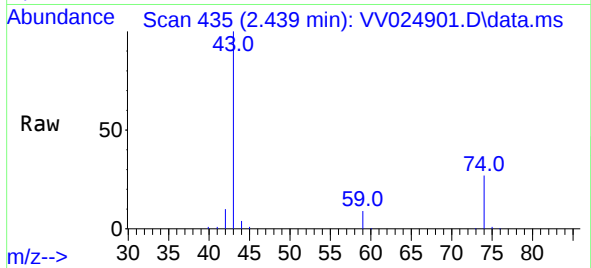




#15
Methyl Acetate
Concen: 50.192 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

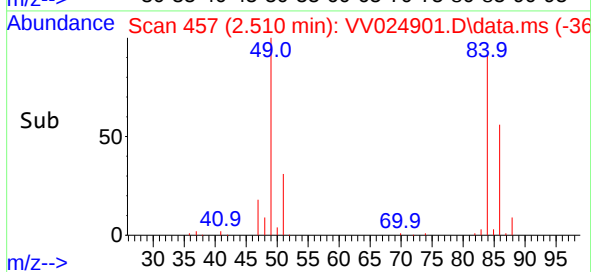
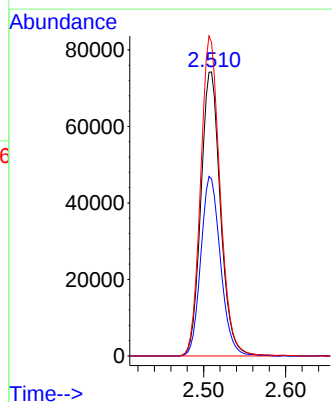
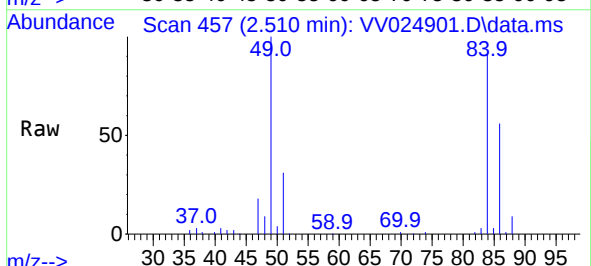
Instrument :
MSVOA_V
ClientSampleId :

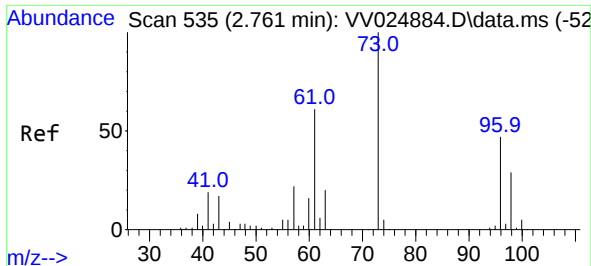
Tgt Ion: 43 Resp: 111731
Ion Ratio Lower Upper
43 100
74 26.9 21.0 31.4



#16
Methylene chloride
Concen: 48.430 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

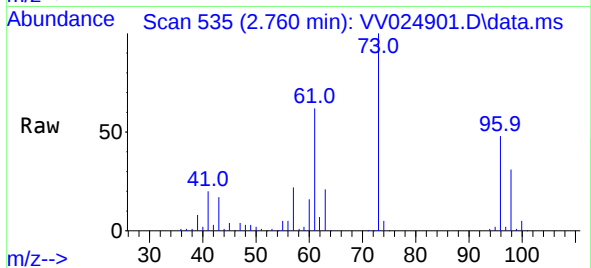
Tgt Ion: 84 Resp: 123122
Ion Ratio Lower Upper
84 100
86 62.4 44.3 82.3
49 110.4 80.7 149.9



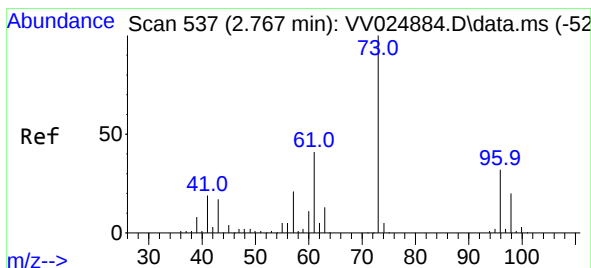
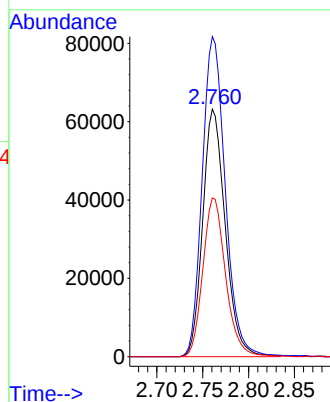
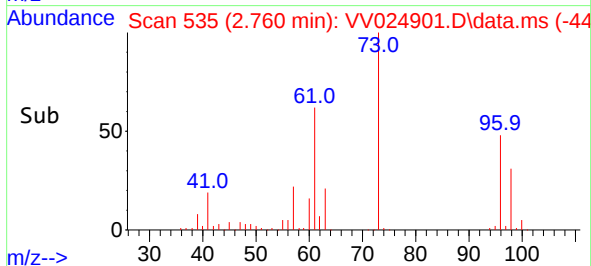


#17
trans-1,2-Dichloroethene
Concen: 46.053 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

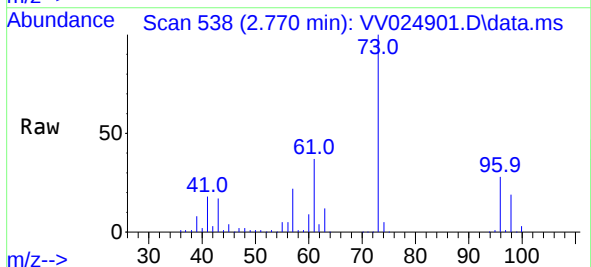
Instrument :
MSVOA_V
ClientSampleId :



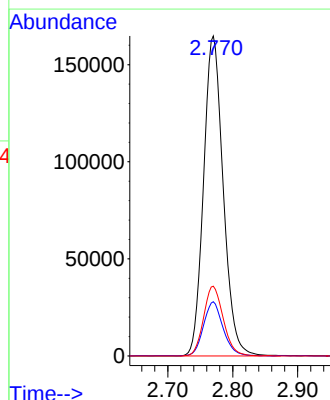
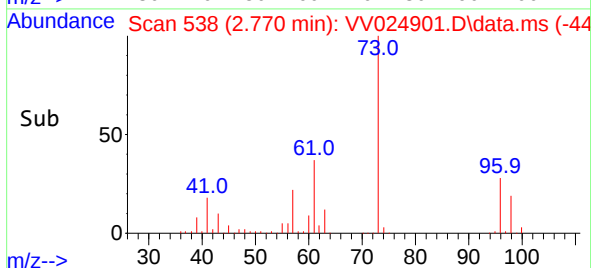
Tgt Ion: 96 Resp: 108117
Ion Ratio Lower Upper
96 100
61 129.3 93.7 173.9
98 64.1 43.7 81.1

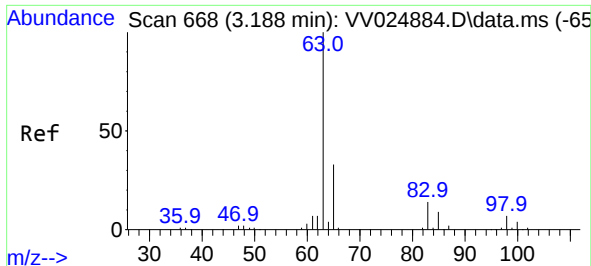


#18
Methyl tert-butyl Ether
Concen: 48.514 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53



Tgt Ion: 73 Resp: 347263
Ion Ratio Lower Upper
73 100
43 16.7 13.6 20.4
57 21.9 17.4 26.2

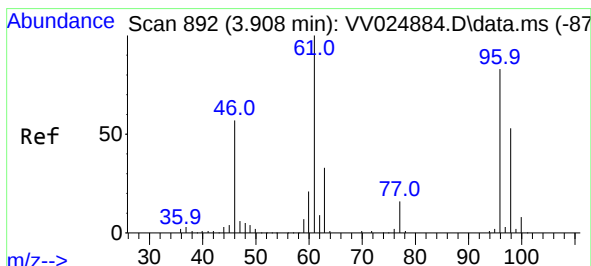
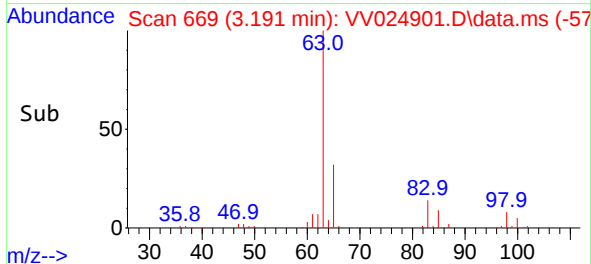
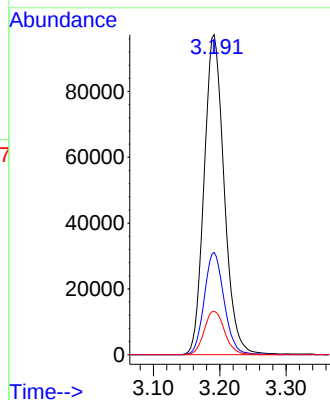
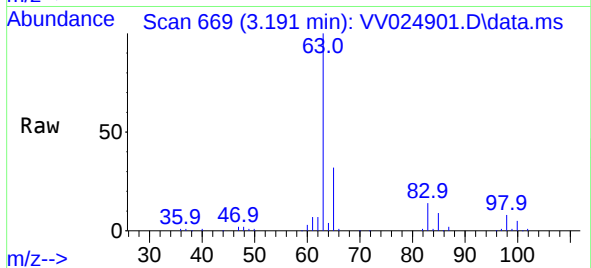




#19
1,1-Dichloroethane
Concen: 48.287 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

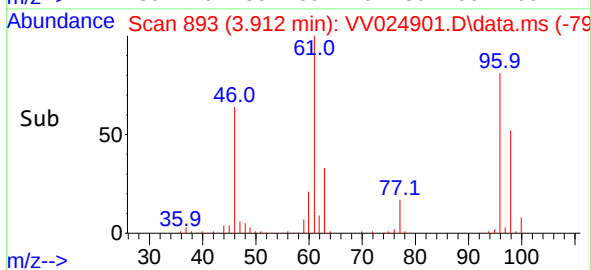
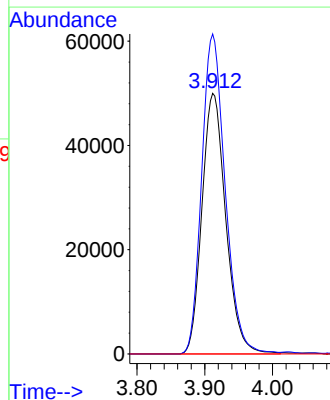
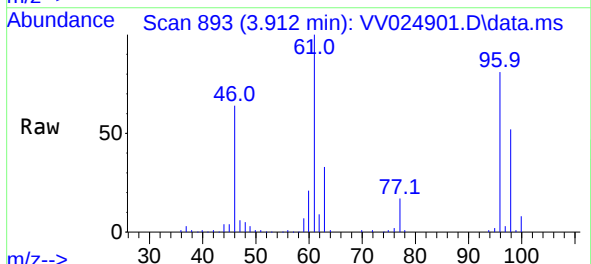
Instrument :
MSVOA_V
ClientSampleId :

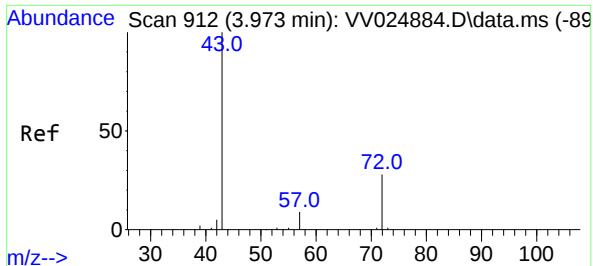
Tgt Ion: 63 Resp: 204392
Ion Ratio Lower Upper
63 100
65 31.9 22.0 40.8
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 48.089 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion: 96 Resp: 122205
Ion Ratio Lower Upper
96 100
61 122.8 86.1 159.9
68 0.0 0.0 0.0

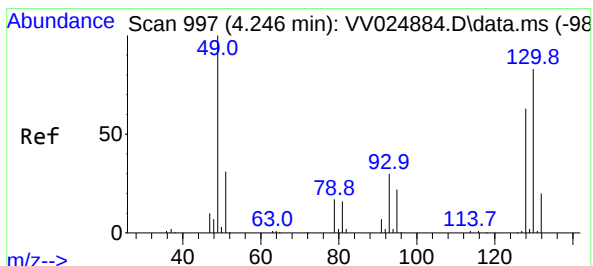
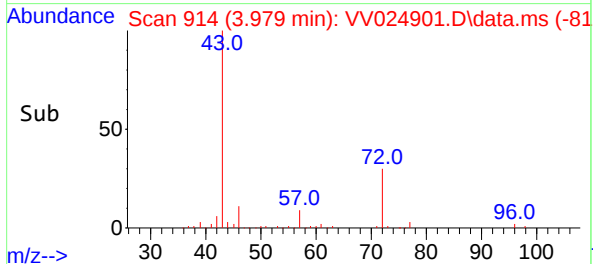
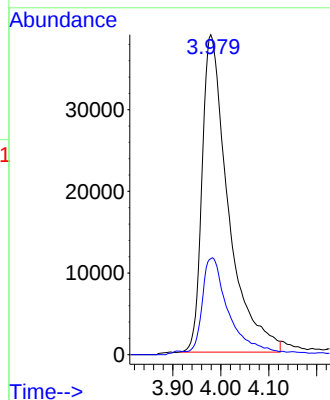
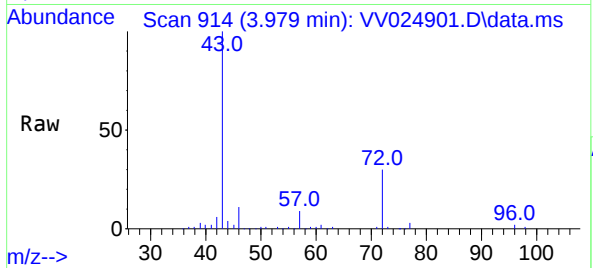




#22
2-Butanone
Concen: 99.225 ug/L
RT: 3.979 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

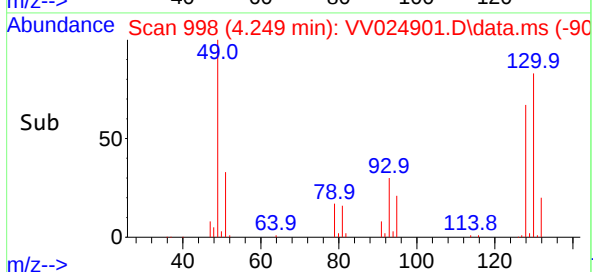
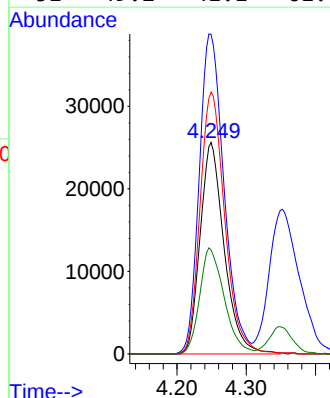
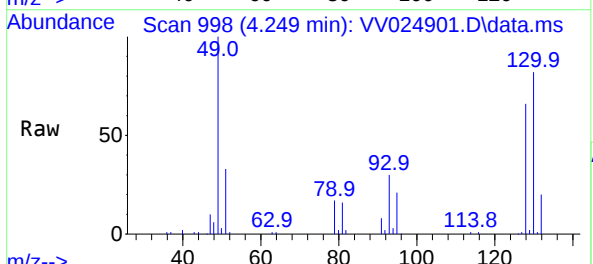
Instrument :
MSVOA_V
ClientSampleId :

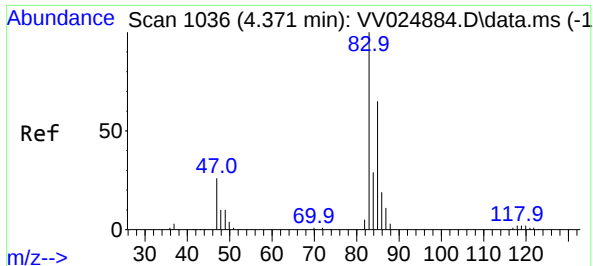
Tgt Ion: 43 Resp: 147439
Ion Ratio Lower Upper
43 100
72 27.1 13.9 41.6



#23
Bromochloromethane
Concen: 48.559 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:128 Resp: 61715
Ion Ratio Lower Upper
128 100
49 151.1 110.9 205.9
130 123.8 88.5 164.3
51 49.2 41.1 61.7





#25

Chloroform

Concen: 48.116 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

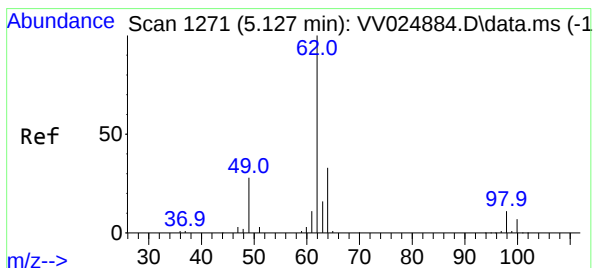
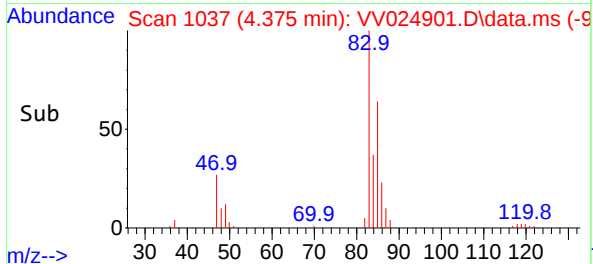
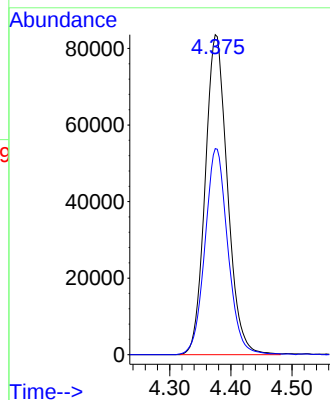
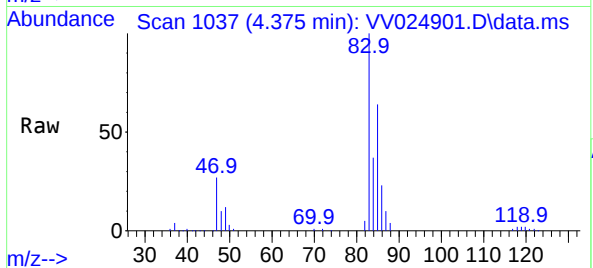
ClientSampleId :

Tgt Ion: 83 Resp: 211570

Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 48.538 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV024901.D

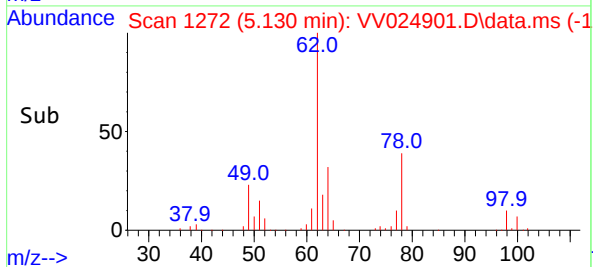
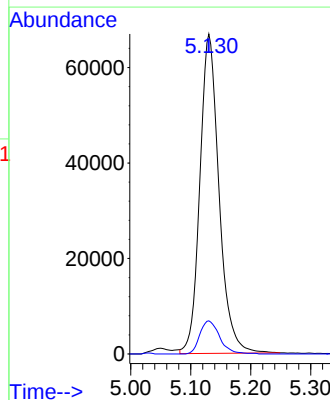
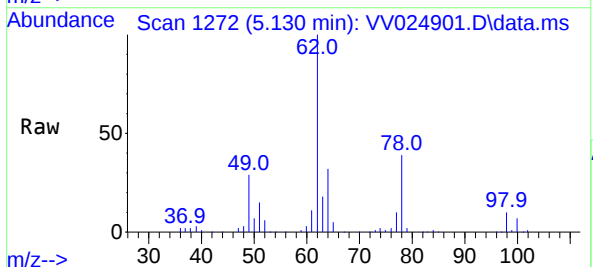
Acq: 10 Mar 2022 02:53

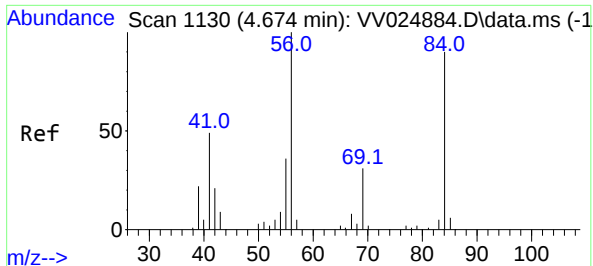
Tgt Ion: 62 Resp: 148935

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4





#29

Cyclohexane

Concen: 43.328 ug/L

RT: 4.677 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

ClientSampleId :

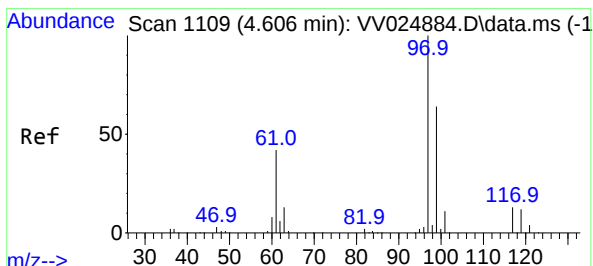
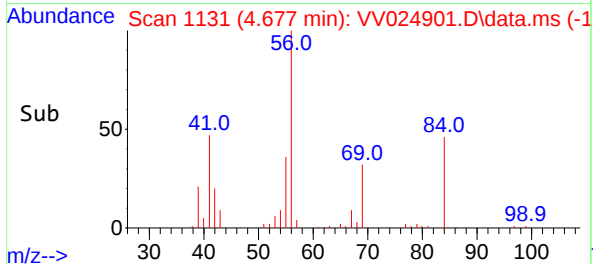
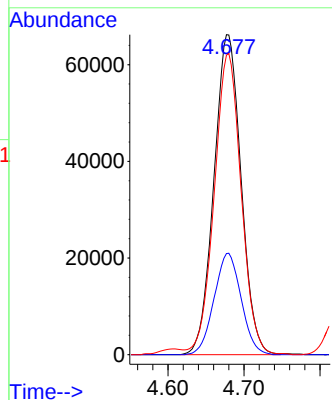
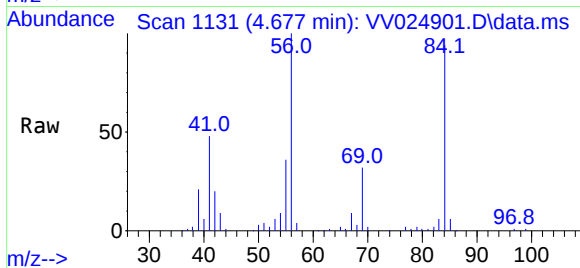
Tgt Ion: 56 Resp: 164194

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

84 92.6 73.4 110.2



#30

1,1,1-Trichloroethane

Concen: 46.846 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

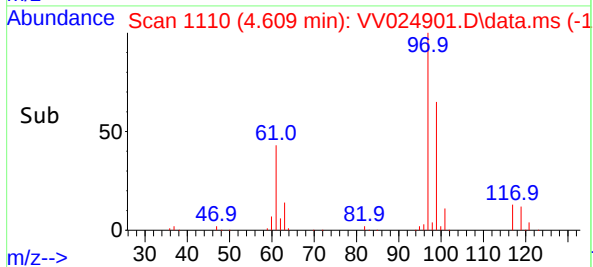
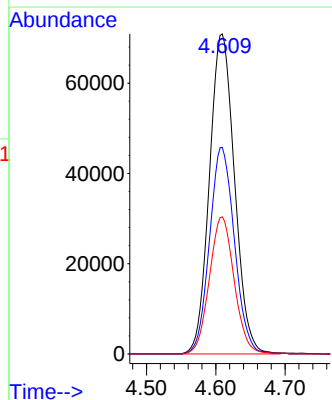
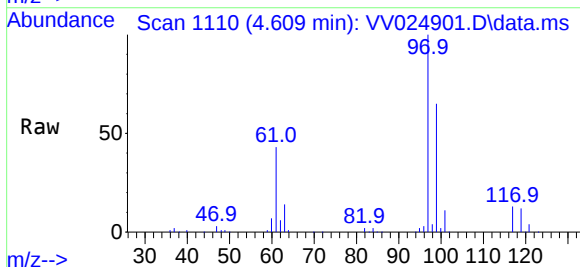
Tgt Ion: 97 Resp: 178708

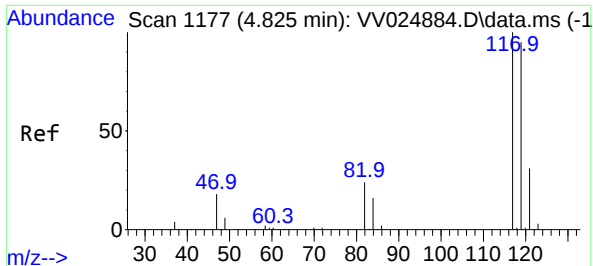
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 42.4 33.8 50.8

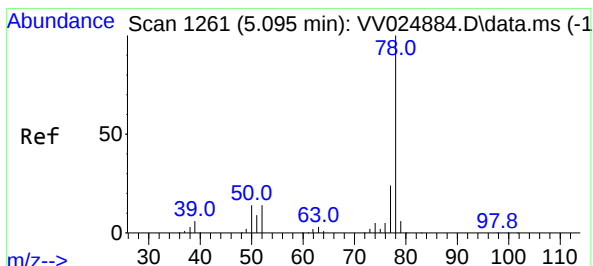
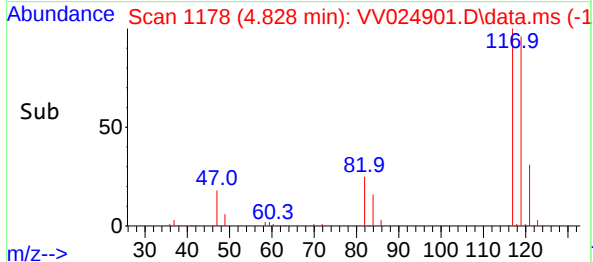
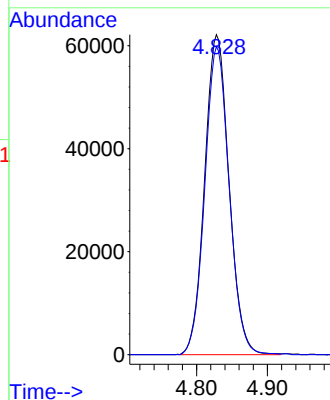
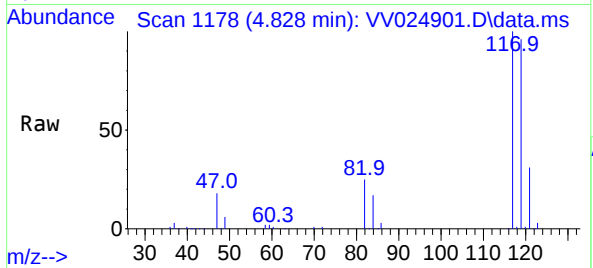




#31
Carbon tetrachloride
Concen: 45.810 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

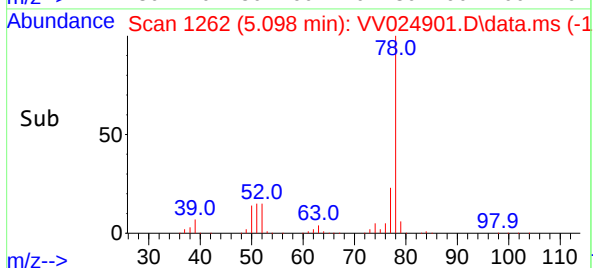
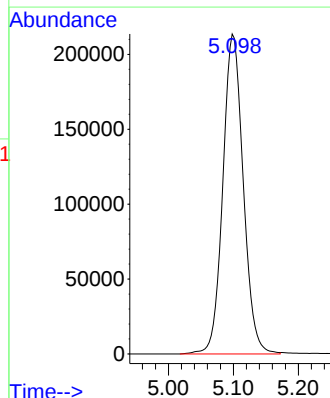
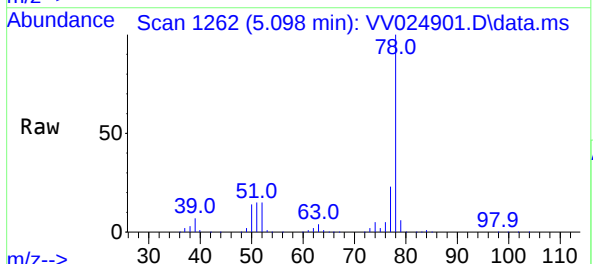
Instrument :
MSVOA_V
ClientSampleId :

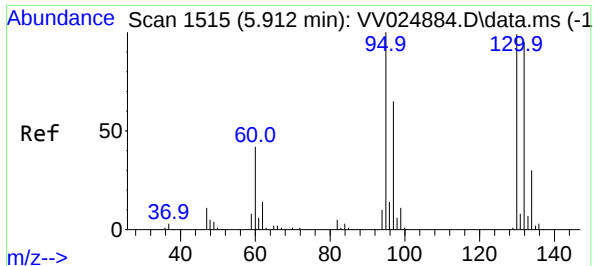
Tgt Ion:117 Resp: 148586
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#33
Benzene
Concen: 47.590 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion: 78 Resp: 465295

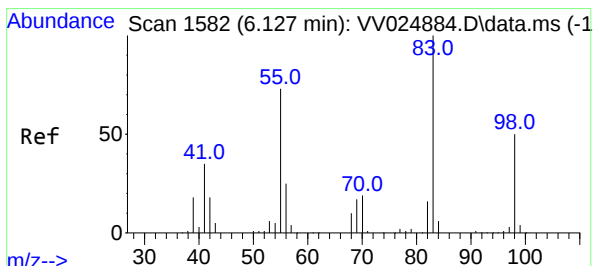
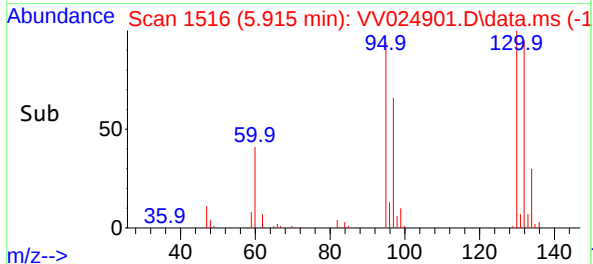
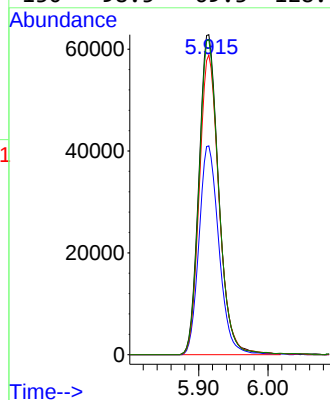
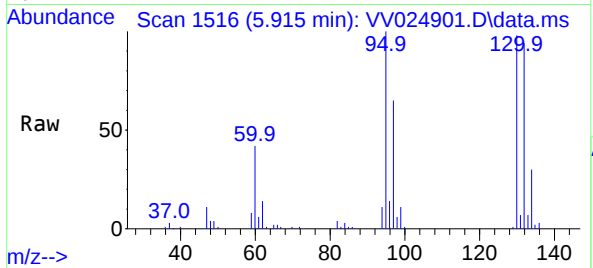




#34
Trichloroethene
Concen: 46.645 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

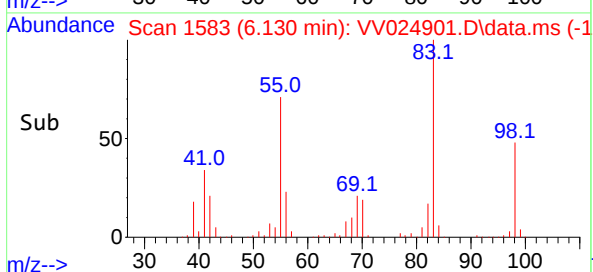
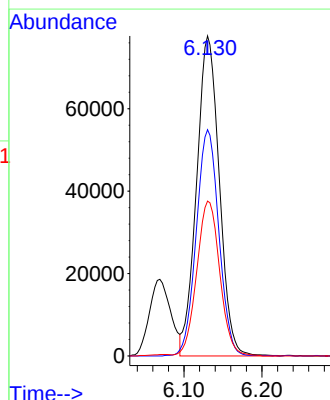
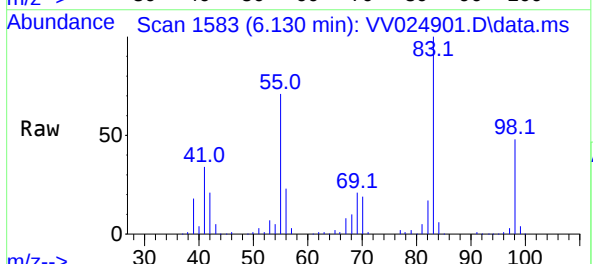
Instrument :
MSVOA_V
ClientSampleId :

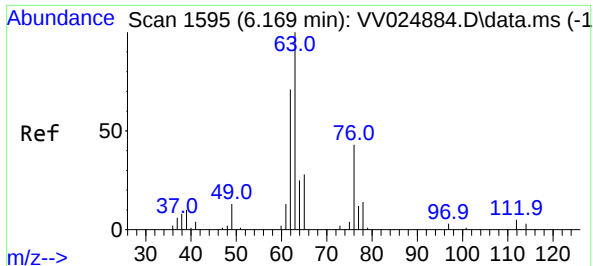
Tgt Ion: 95 Resp: 125021
Ion Ratio Lower Upper
95 100
97 65.3 45.3 84.1
132 93.7 65.0 120.6
130 98.5 69.3 128.7



#35
Methylcyclohexane
Concen: 38.668 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion: 83 Resp: 157242
Ion Ratio Lower Upper
83 100
55 70.3 57.7 86.5
98 49.1 38.9 58.3





#37

1,2-Dichloropropane

Concen: 48.773 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

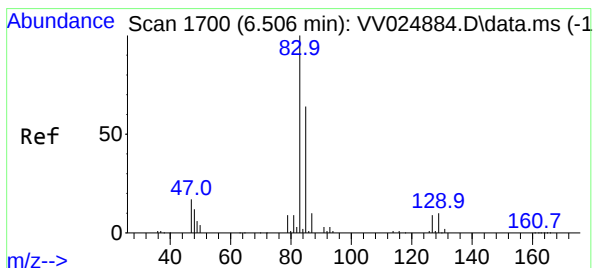
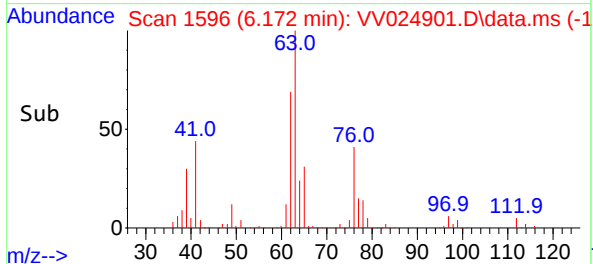
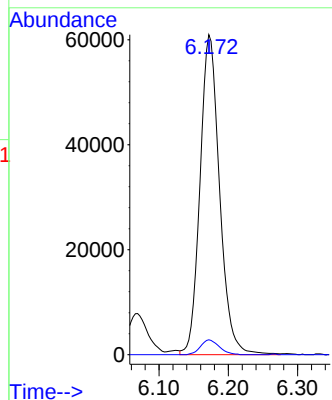
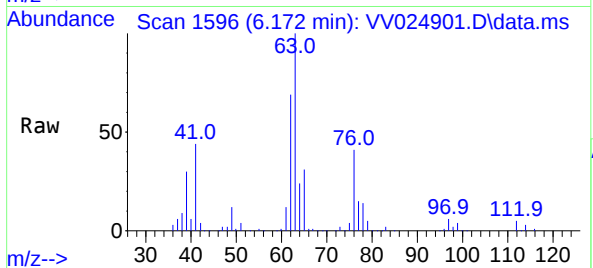
ClientSampleId :

Tgt Ion: 63 Resp: 119662

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 47.959 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

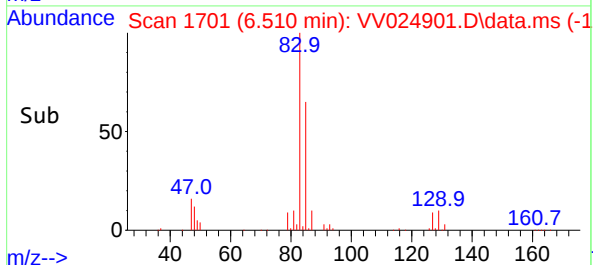
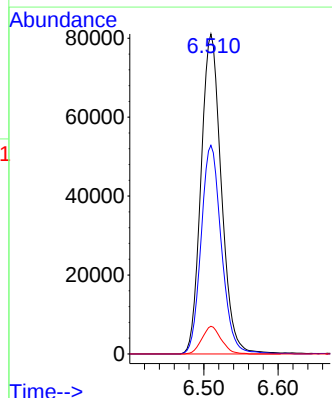
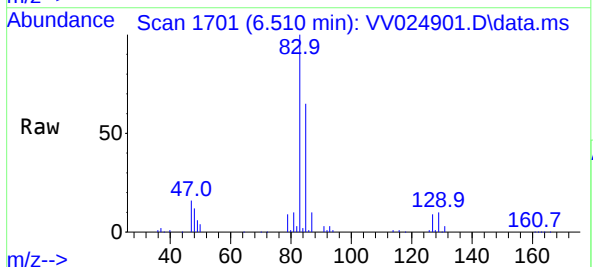
Tgt Ion: 83 Resp: 154188

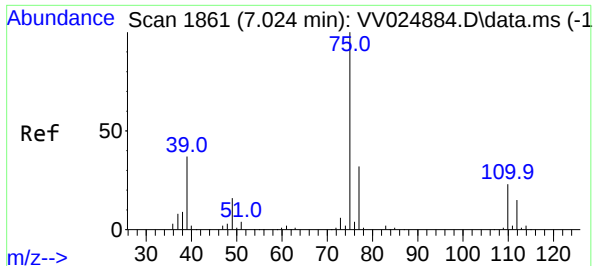
Ion Ratio Lower Upper

83 100

85 65.2 44.5 82.7

127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 46.644 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

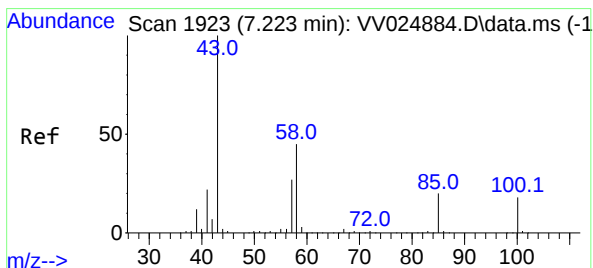
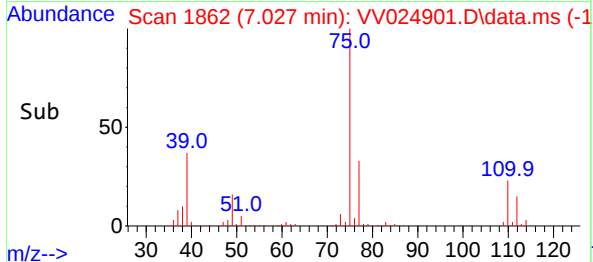
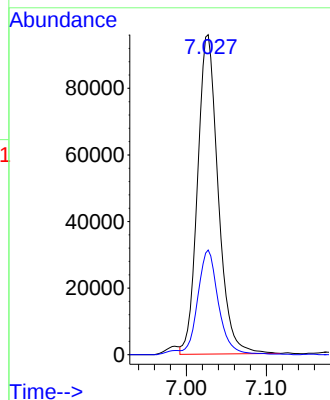
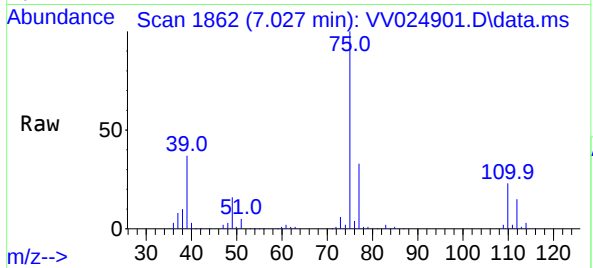
ClientSampleId :

Tgt Ion: 75 Resp: 172236

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 97.884 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

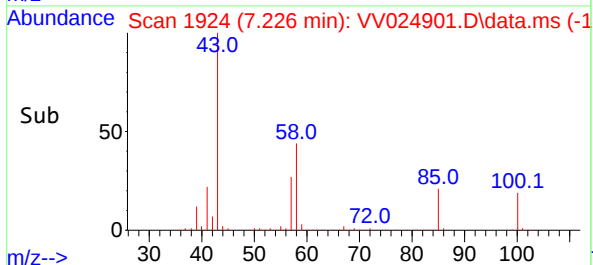
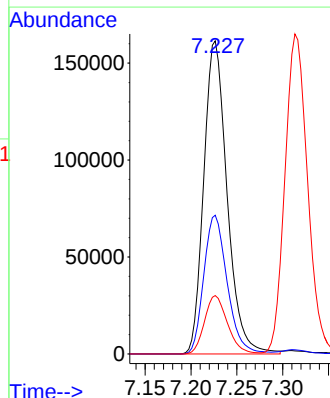
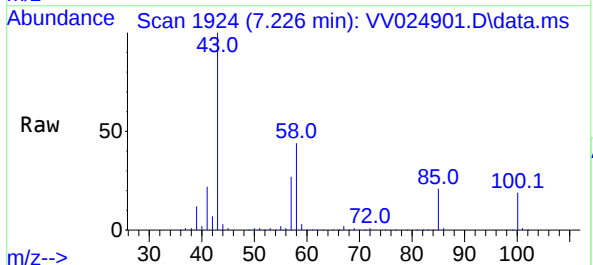
Tgt Ion: 43 Resp: 286321

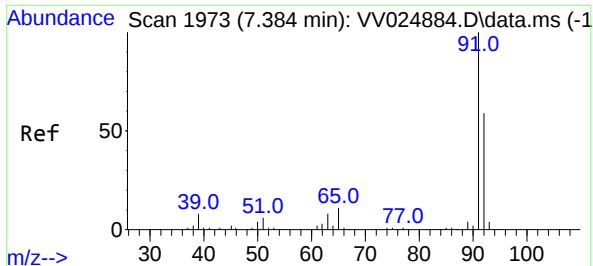
Ion Ratio Lower Upper

43 100

58 44.4 34.8 52.2

100 18.3 14.2 21.2





#42

Toluene

Concen: 47.324 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

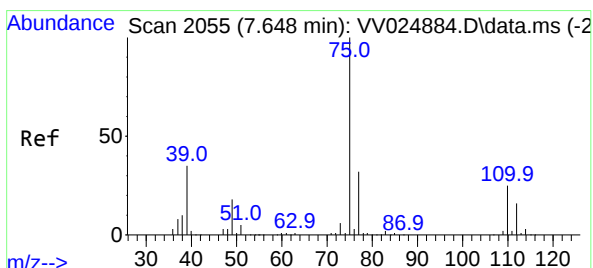
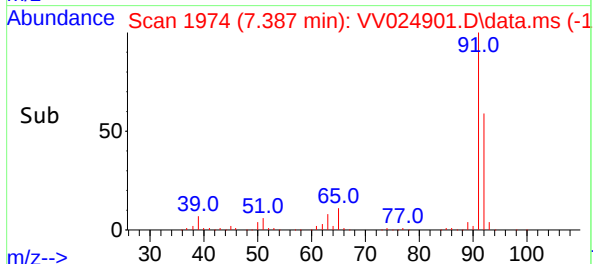
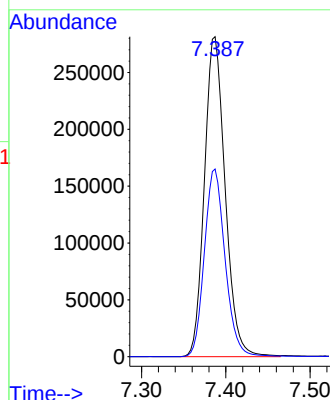
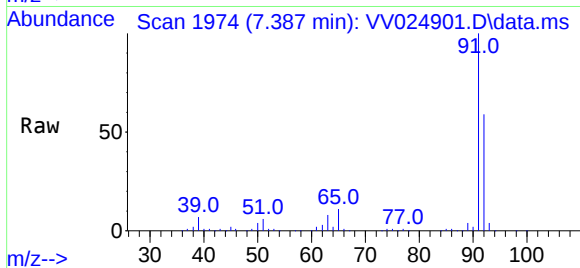
ClientSampleId :

Tgt Ion: 91 Resp: 482813

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 48.172 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024901.D

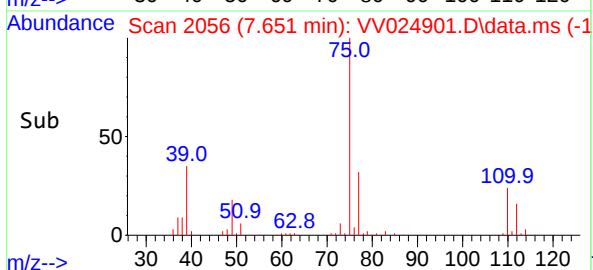
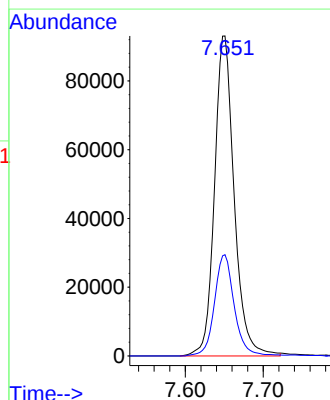
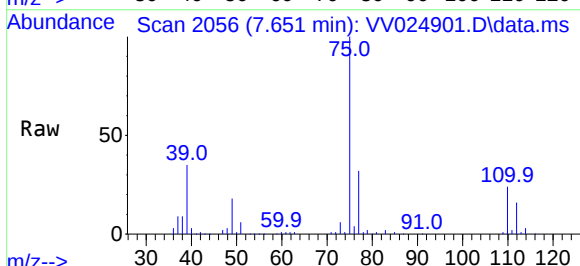
Acq: 10 Mar 2022 02:53

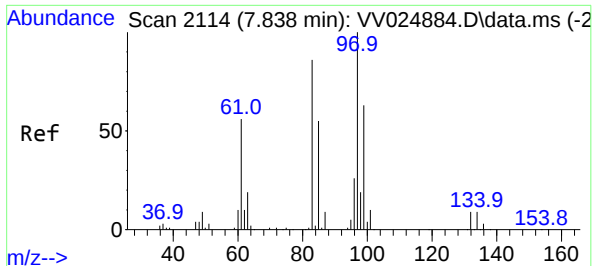
Tgt Ion: 75 Resp: 163418

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



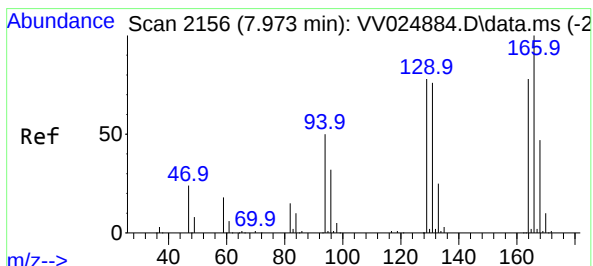
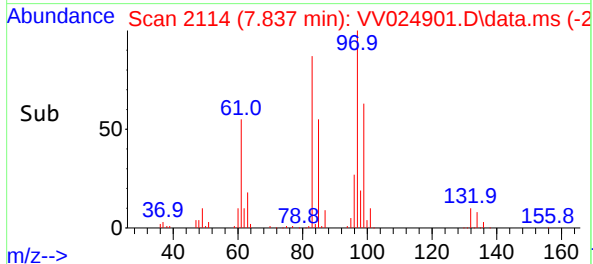
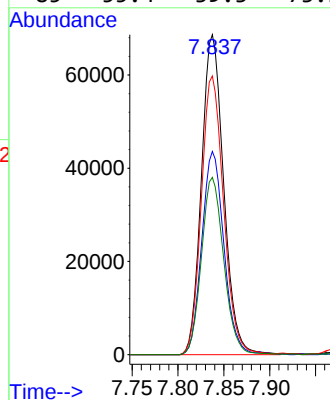
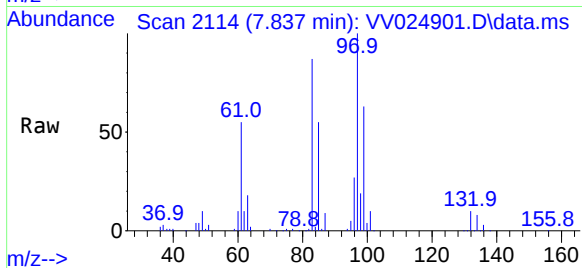


#45
1,1,2-Trichloroethane
Concen: 48.585 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 115818

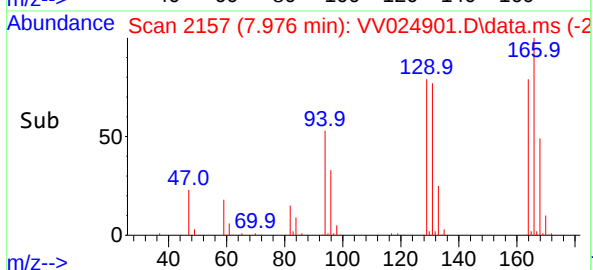
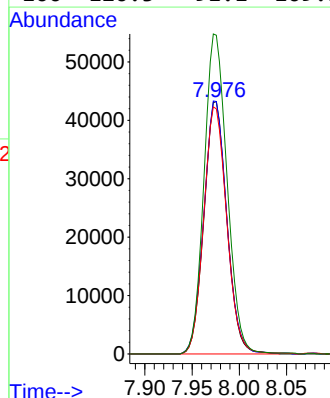
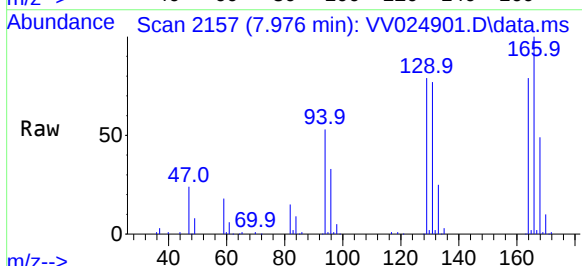
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.9	81.5
83	87.1	61.7	114.5
85	55.4	39.3	73.1

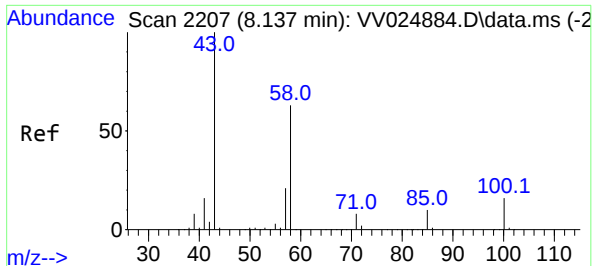


#46
Tetrachloroethene
Concen: 41.833 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:164 Resp: 72413

Ion	Ratio	Lower	Upper
164	100		
129	100.0	74.1	137.7
131	97.1	70.1	130.1
166	126.3	91.1	169.1

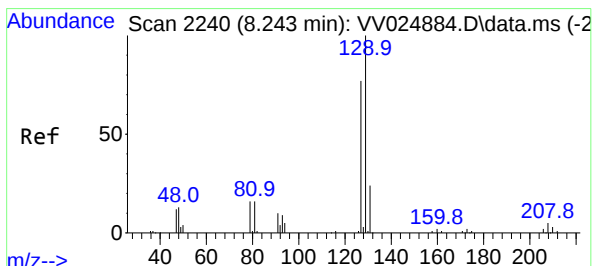
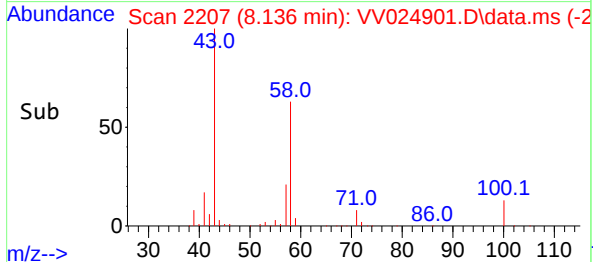
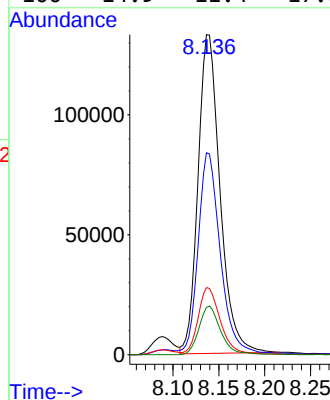
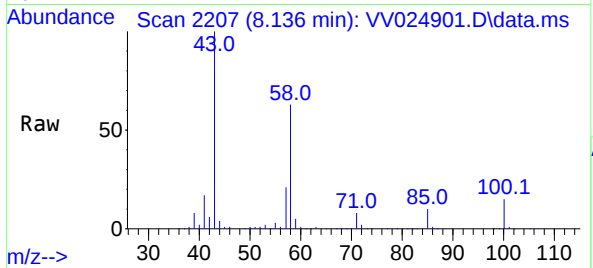




#48
2-Hexanone
Concen: 96.657 ug/L
RT: 8.136 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

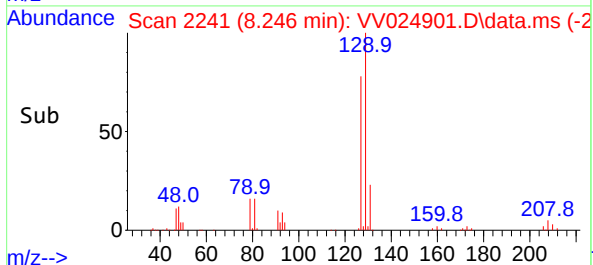
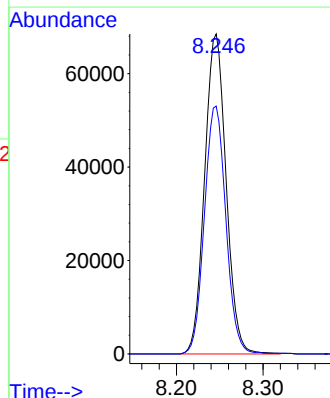
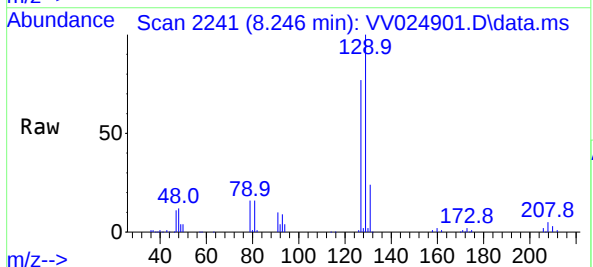
Instrument :
MSVOA_V
ClientSampleId :

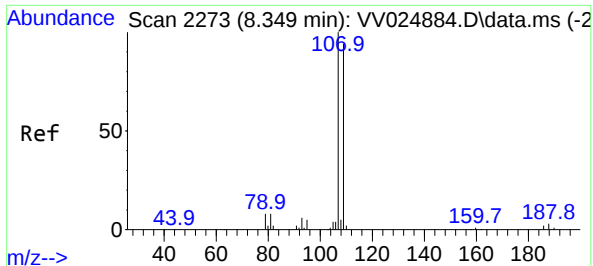
Tgt Ion: 43 Resp: 222513
Ion Ratio Lower Upper
43 100
58 63.0 48.6 72.8
57 21.2 16.5 24.7
100 14.9 11.4 17.0



#49
Dibromochloromethane
Concen: 51.246 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

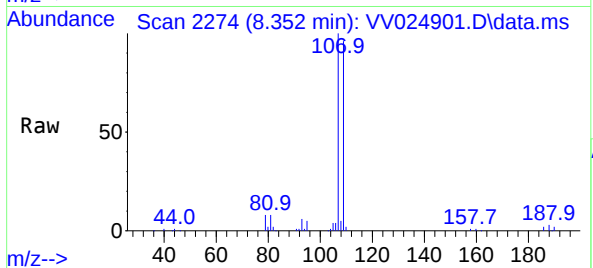
Tgt Ion:129 Resp: 118054
Ion Ratio Lower Upper
129 100
127 77.5 54.2 100.6



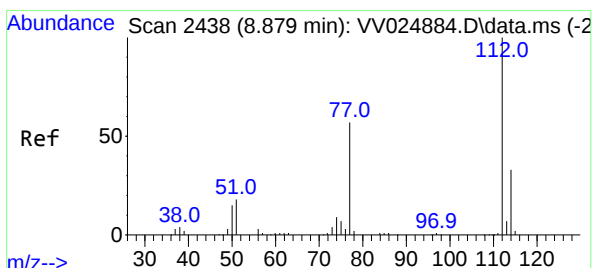
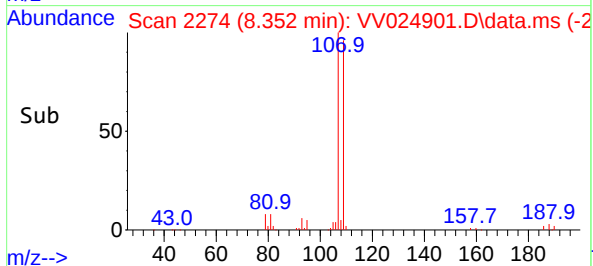
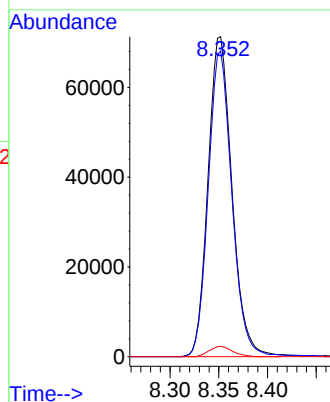


#50
1,2-Dibromoethane
Concen: 49.481 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Instrument :
MSVOA_V
ClientSampleId :

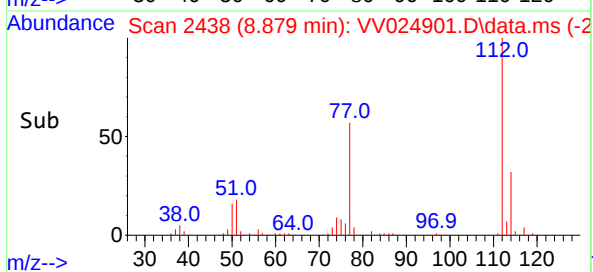
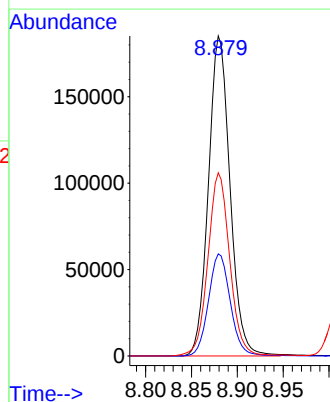
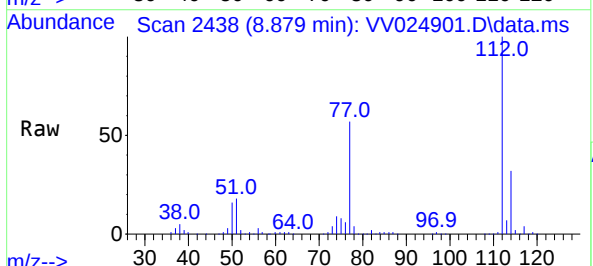


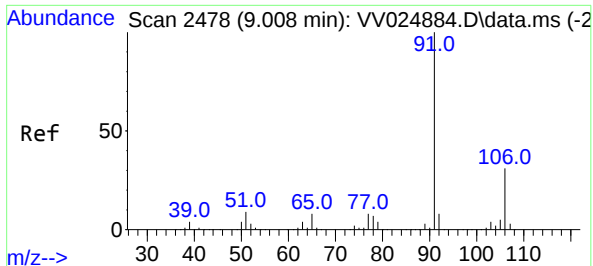
Tgt Ion:107 Resp: 121645
Ion Ratio Lower Upper
107 100
109 95.6 65.6 121.8
188 3.2 2.4 3.6



#51
Chlorobenzene
Concen: 47.061 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:112 Resp: 302883
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 57.3 46.7 70.1

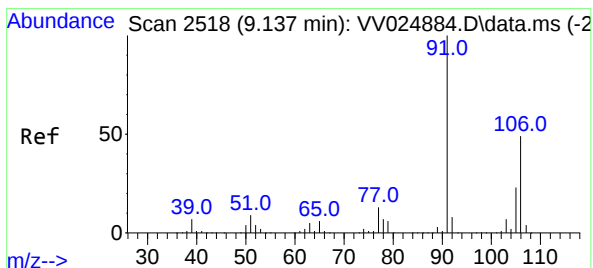
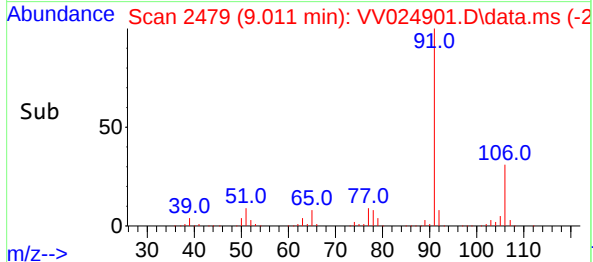
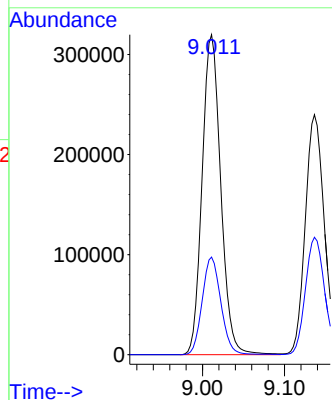
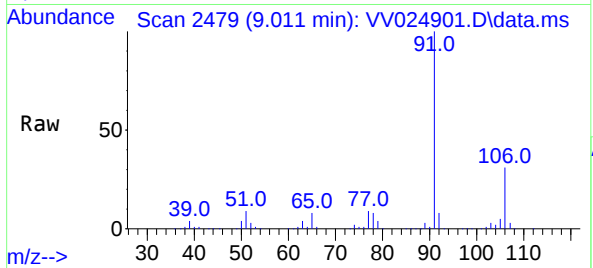




#52
Ethylbenzene
Concen: 46.852 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

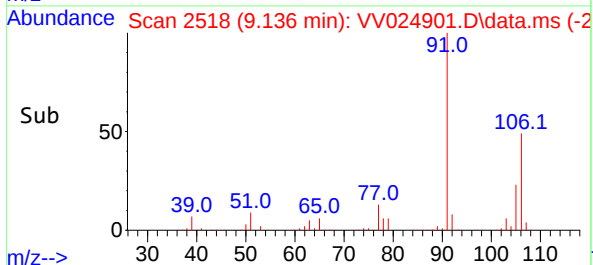
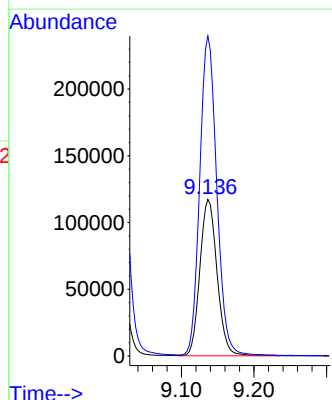
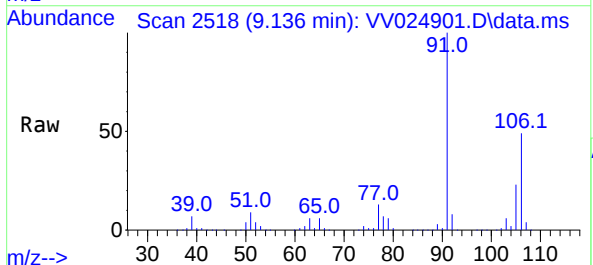
Instrument :
MSVOA_V
ClientSampleId :

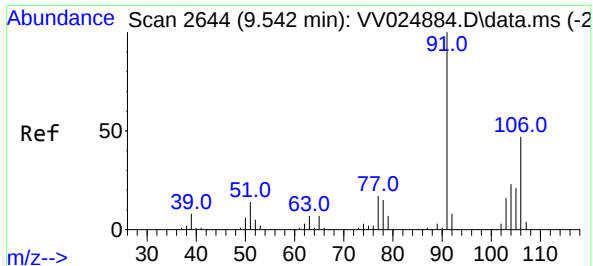
Tgt Ion: 91 Resp: 504149
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.2



#53
m,p-Xylene
Concen: 46.498 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:106 Resp: 192255
Ion Ratio Lower Upper
106 100
91 204.3 142.2 264.2

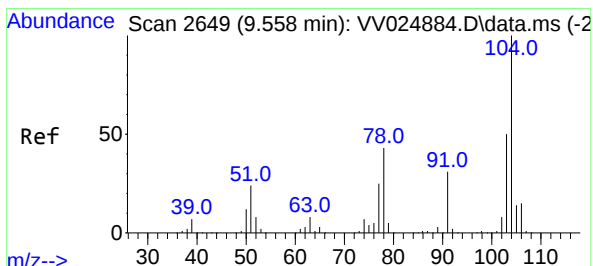
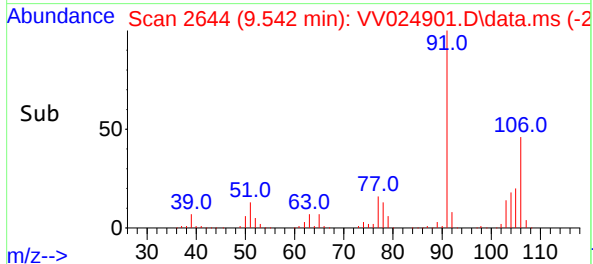
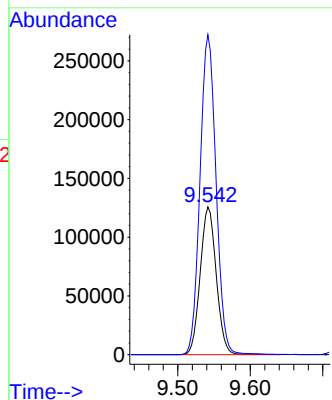
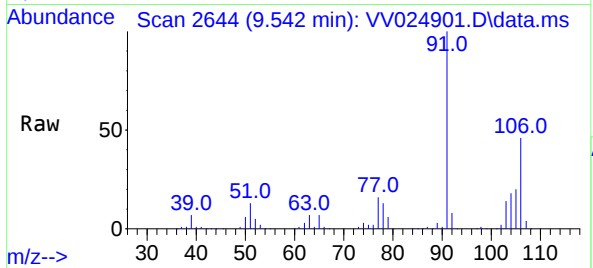




#54
o-Xylene
Concen: 48.301 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

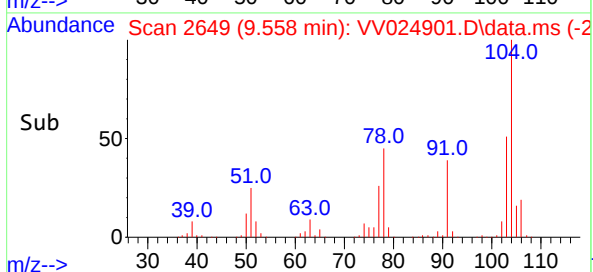
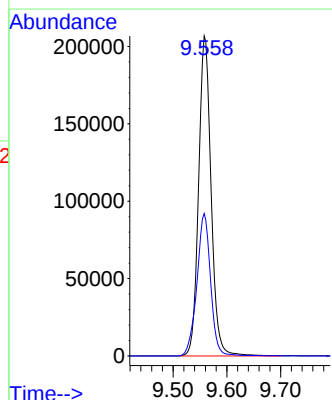
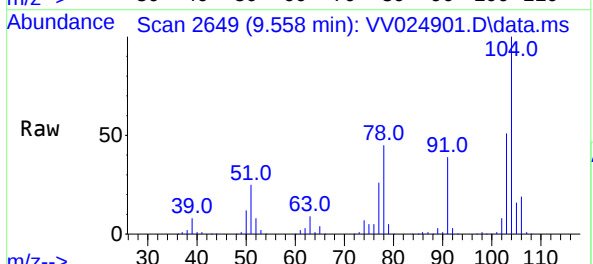
Instrument :
MSVOA_V
ClientSampleId :

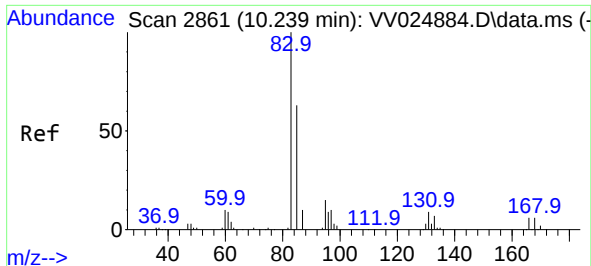
Tgt Ion:106 Resp: 192970
Ion Ratio Lower Upper
106 100
91 216.5 151.6 281.6



#55
Styrene
Concen: 49.294 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:104 Resp: 334151
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.3

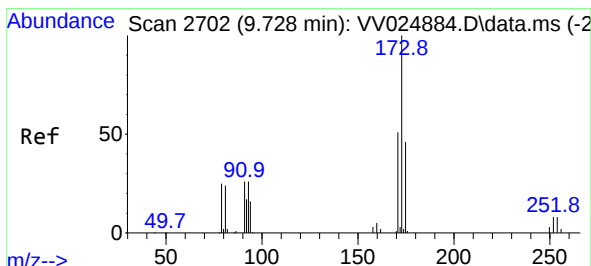
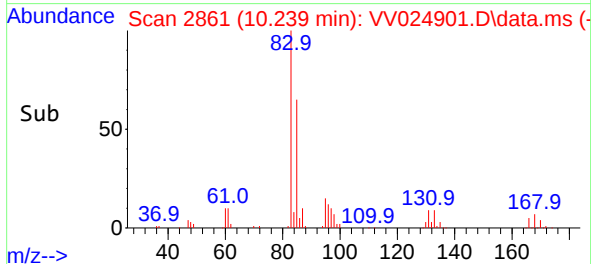
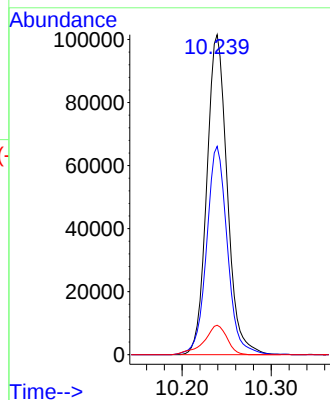
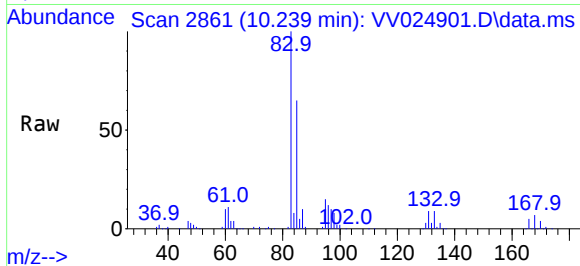




#57
1,1,2,2-Tetrachloroethane
Concen: 48.426 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

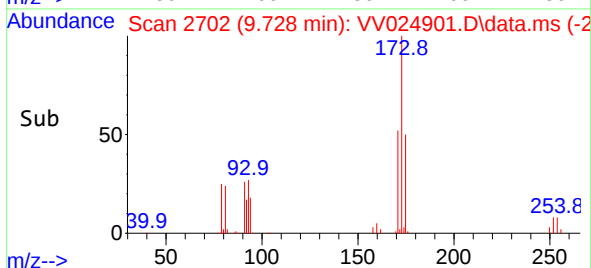
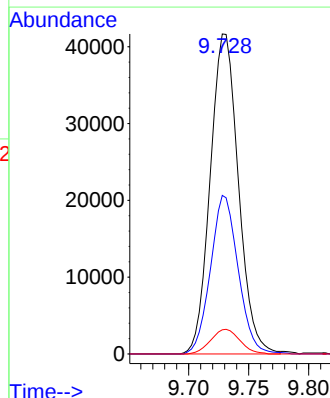
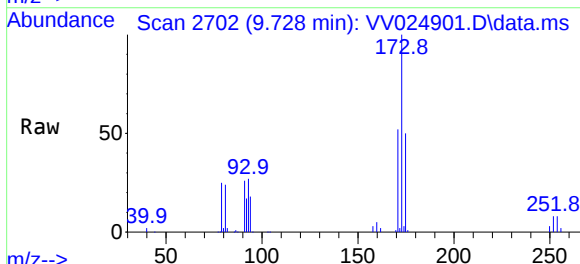
Instrument :
MSVOA_V
ClientSampleId :

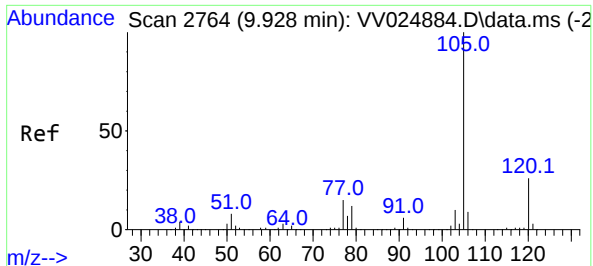
Tgt Ion: 83 Resp: 161468
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2
131 9.2 7.0 10.4



#59
Bromoform
Concen: 51.258 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:173 Resp: 68016
Ion Ratio Lower Upper
173 100
175 48.6 37.9 56.9
254 8.0 6.2 9.4

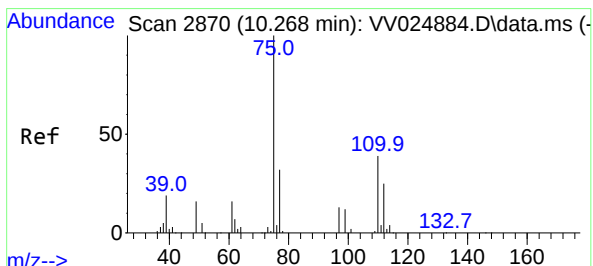
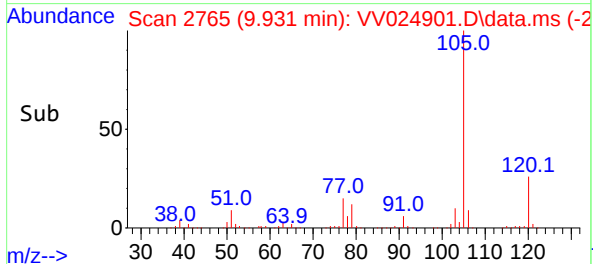
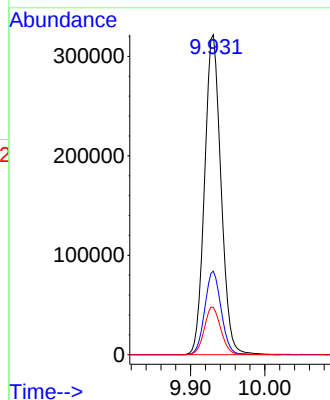
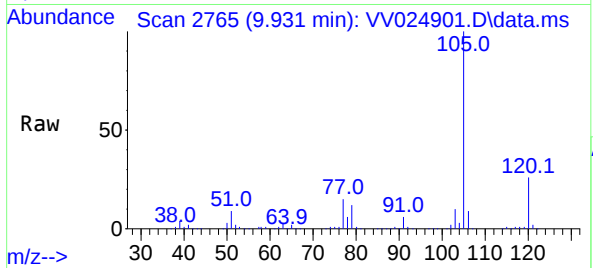




#60
Isopropylbenzene
Concen: 46.630 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

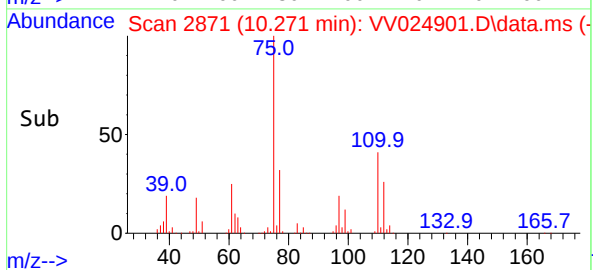
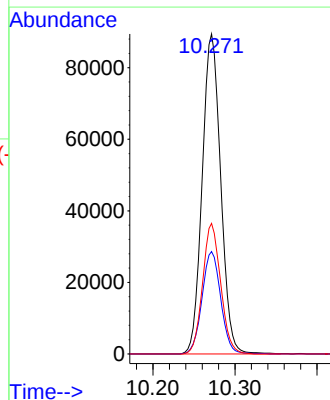
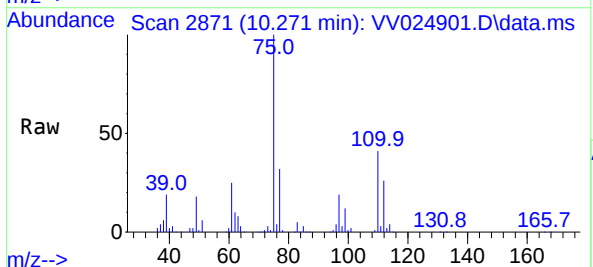
Instrument :
MSVOA_V
ClientSampleId :

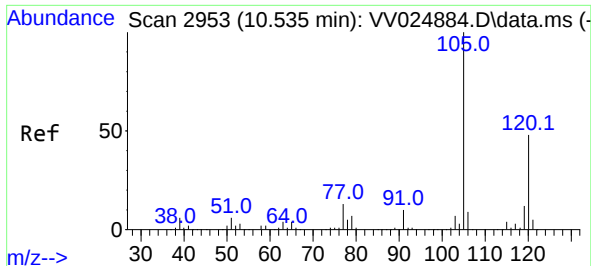
Tgt Ion:105 Resp: 493289
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 15.0 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 48.060 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion: 75 Resp: 140078
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 39.7 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 46.166 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

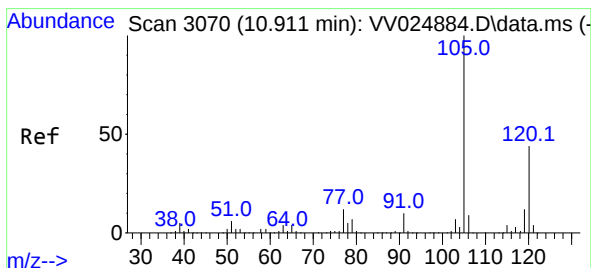
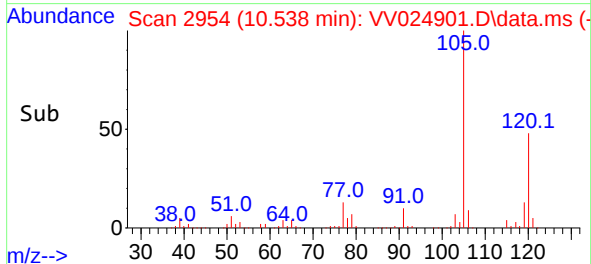
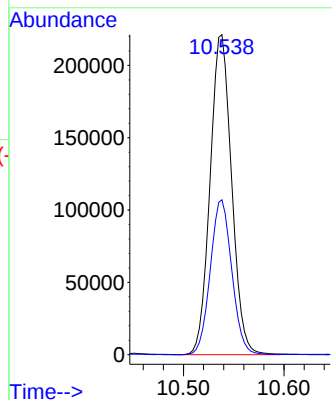
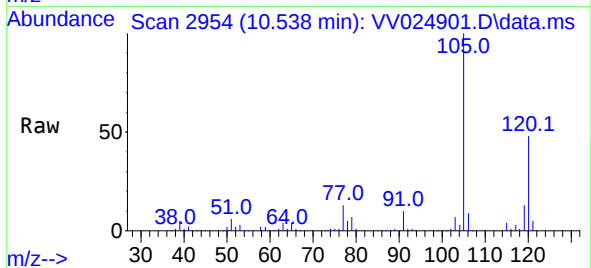
ClientSampleId :

Tgt Ion:105 Resp: 329507

Ion Ratio Lower Upper

105 100

120 48.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 46.307 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024901.D

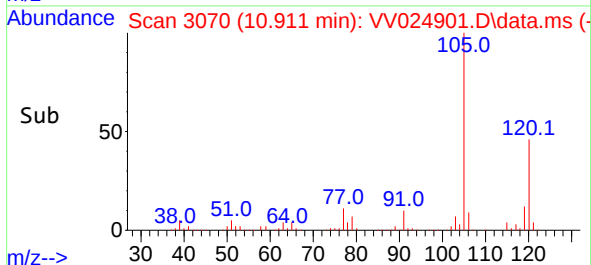
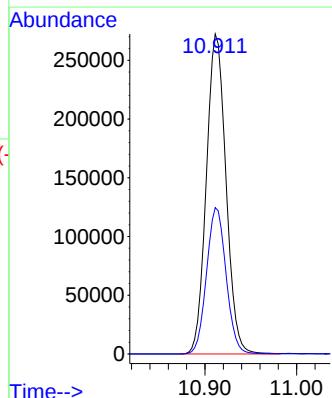
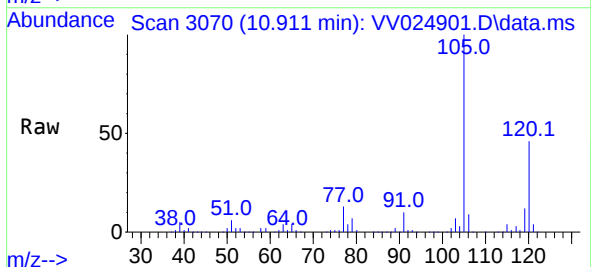
Acq: 10 Mar 2022 02:53

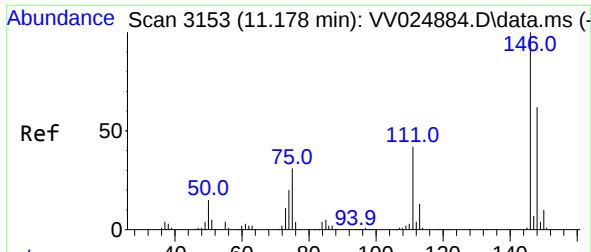
Tgt Ion:105 Resp: 405099

Ion Ratio Lower Upper

105 100

120 45.5 36.1 54.1

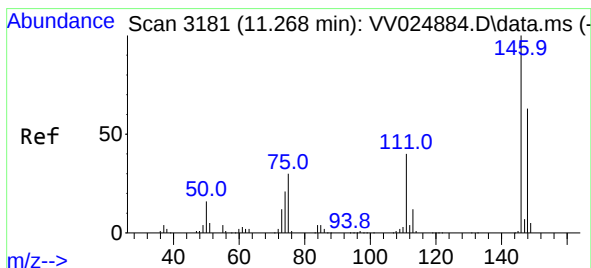
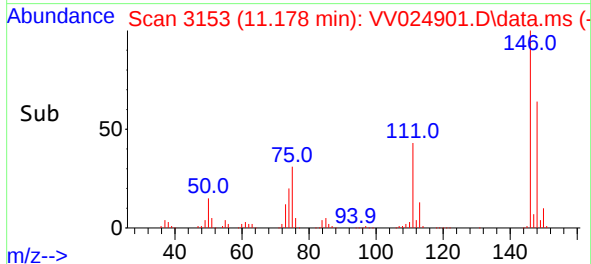
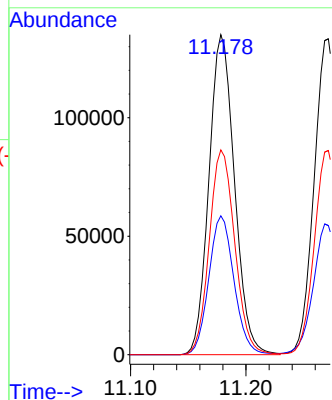
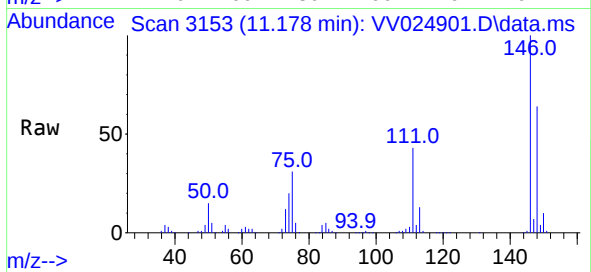




#64
1,3-Dichlorobenzene
Concen: 44.777 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

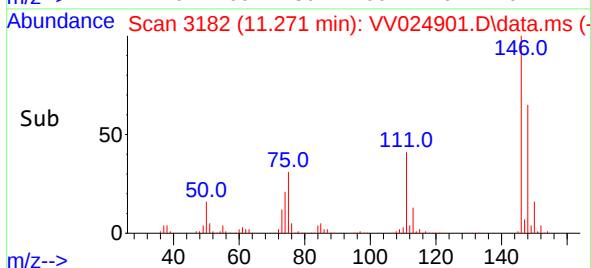
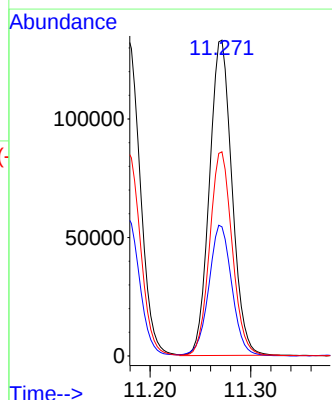
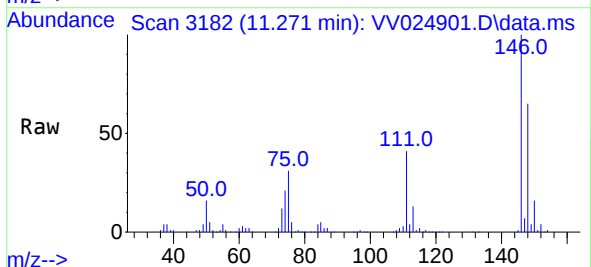
Instrument :
MSVOA_V
ClientSampleId :

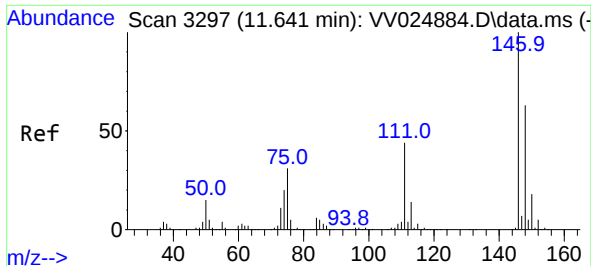
Tgt Ion:146 Resp: 207859
Ion Ratio Lower Upper
146 100
111 43.4 29.7 55.1
148 64.0 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 43.616 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:146 Resp: 207283
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.0
148 64.6 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 46.110 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

Instrument :

MSVOA_V

ClientSampleId :

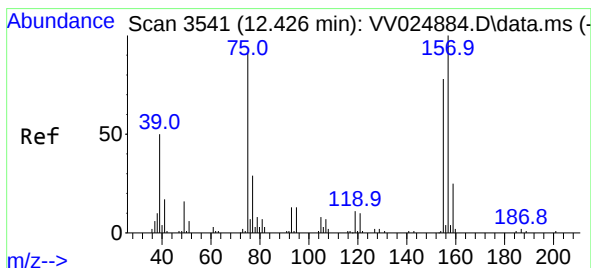
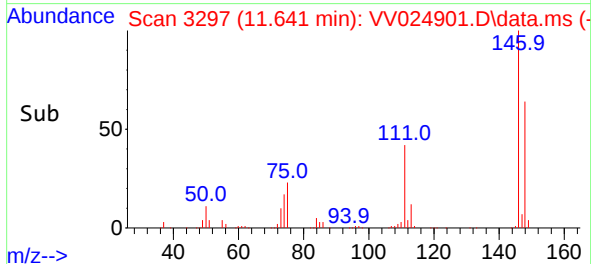
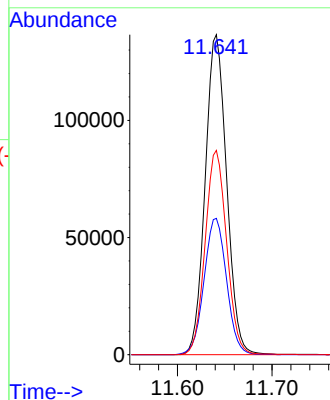
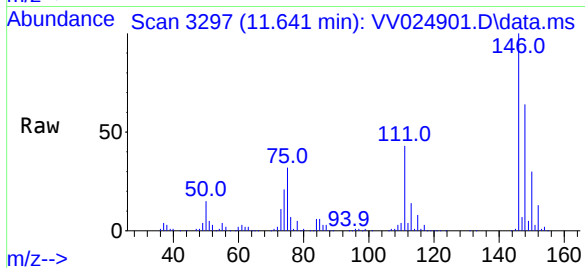
Tgt Ion:146 Resp: 215418

Ion Ratio Lower Upper

146 100

111 42.6 34.9 52.3

148 63.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 49.359 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV024901.D

Acq: 10 Mar 2022 02:53

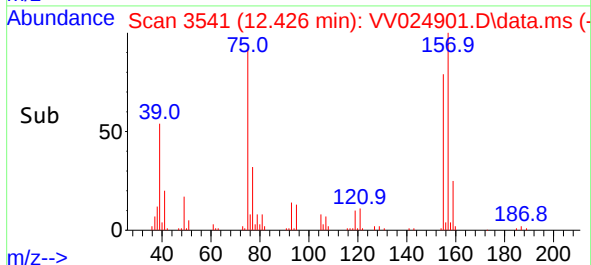
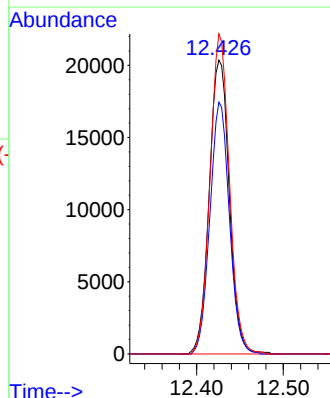
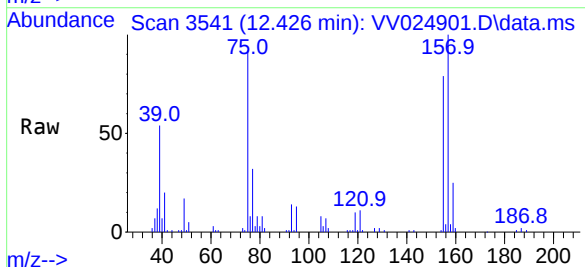
Tgt Ion: 75 Resp: 32842

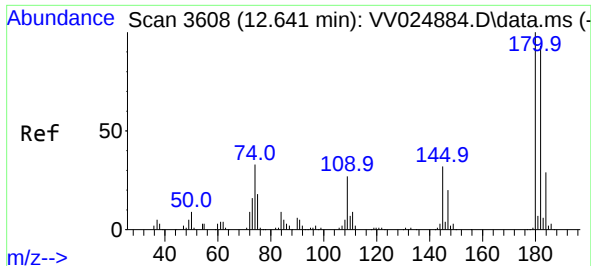
Ion Ratio Lower Upper

75 100

155 85.7 63.8 95.8

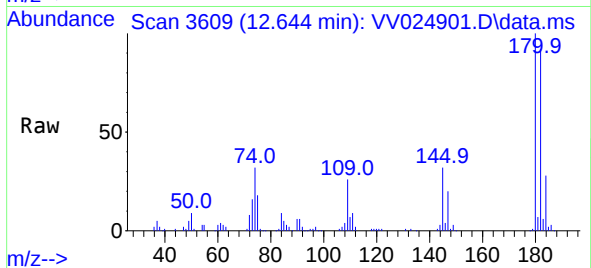
157 108.9 79.3 118.9



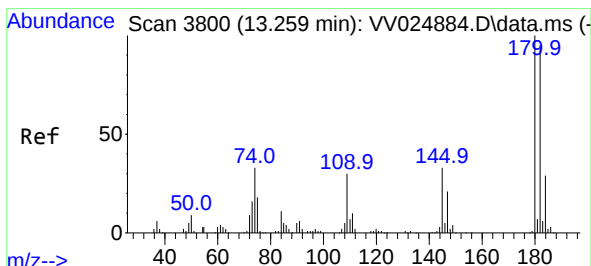
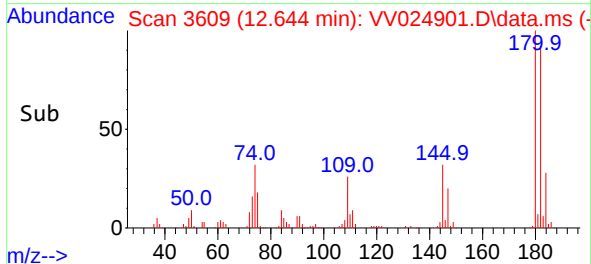
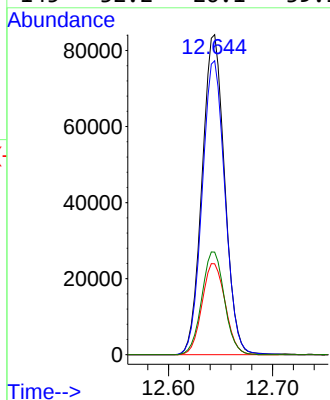


#69
1,3,5-Trichlorobenzene
Concen: 40.516 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Instrument :
MSVOA_V
ClientSampleId :

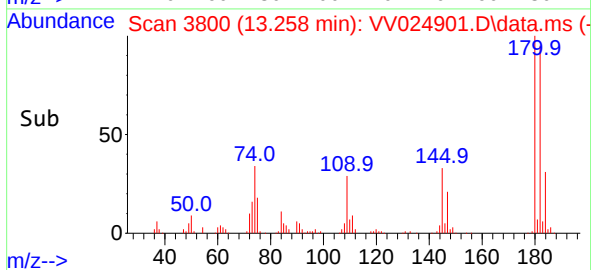
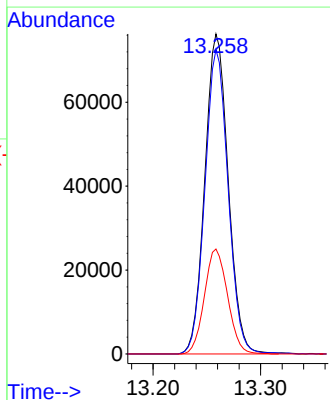
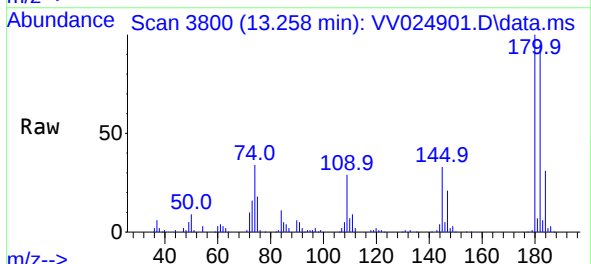


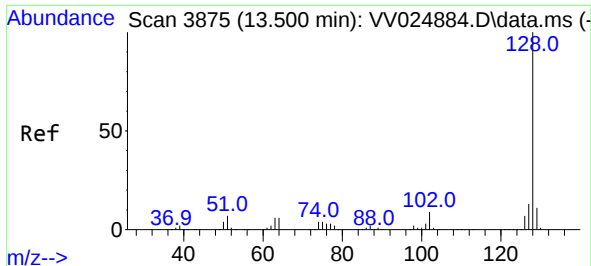
Tgt Ion:180 Resp: 126956
Ion Ratio Lower Upper
180 100
182 92.8 75.1 112.7
184 29.3 23.9 35.9
145 32.2 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 42.200 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

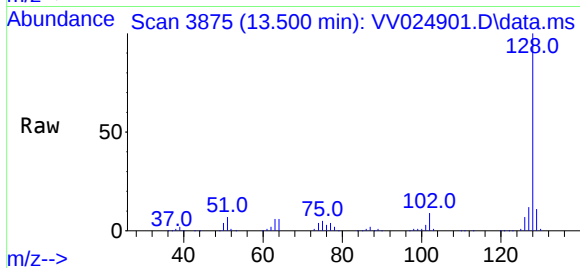
Tgt Ion:180 Resp: 115213
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 32.5 27.6 41.4



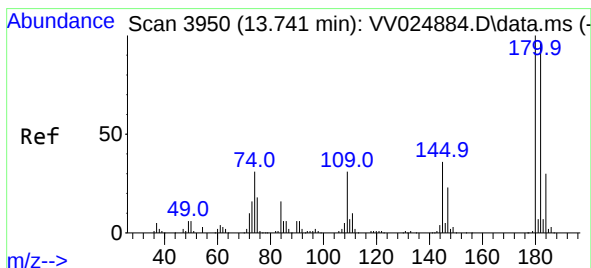
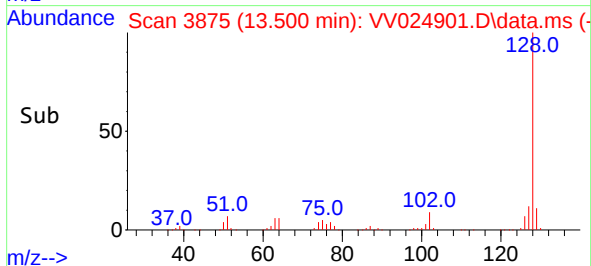
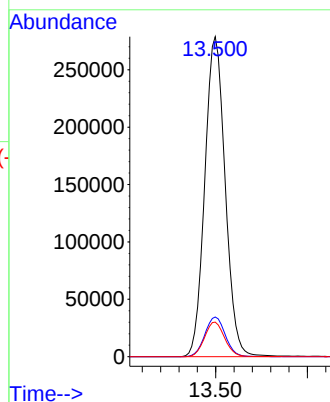


#71
Naphthalene
Concen: 48.643 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 430277
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 45.172 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024901.D
Acq: 10 Mar 2022 02:53

Tgt Ion:180 Resp: 121610
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 35.4 28.7 43.1

