

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032922\
 Data File : VW025302.D
 Acq On : 29 Mar 2022 18:47
 Operator : SY/MD
 Sample : N2165-10MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 30 02:04:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	160988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44597	2.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.571	69	49075	3.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.114	63	114736	3.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.892	46	80286	53.598	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.349	84	86225	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.037	65	38276	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.050	84	157403	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.069	67	45794	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.317	98	142736	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.622	79	15220	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.085	63	68382	52.757	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35300	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52089	4.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85019	5.287	ug/L	99
3) Chloromethane	1.243	50	96293	5.077	ug/L	100
5) Vinyl chloride	1.314	62	105618	4.986	ug/L	98
6) Bromomethane	1.523	94	66865	5.317	ug/L	100
8) Chloroethane	1.587	64	80290	6.040	ug/L	97
9) Trichlorofluoromethane	1.754	101	154408	5.392	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	78922	4.640	ug/L	99
12) 1,1-Dichloroethene	2.121	96	81346	5.019	ug/L	95
13) Acetone	2.179	43	70618	61.782	ug/L	83
14) Carbon disulfide	2.298	76	179993	5.361	ug/L	99
15) Methyl Acetate	2.439	43	15607	5.998	ug/L	94
16) Methylene chloride	2.510	84	67372	5.294	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	120303	5.867	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	66050	5.678	ug/L	98
19) 1,1-Dichloroethane	3.191	63	114562	5.899	ug/L	100
21) 2-Butanone	3.973	43	106205	67.526	ug/L	84
22) cis-1,2-Dichloroethene	3.912	96	69271	5.861	ug/L	100
23) Bromochloromethane	4.249	128	29793	6.043	ug/L	95
25) Chloroform	4.375	83	128265	5.953	ug/L	97

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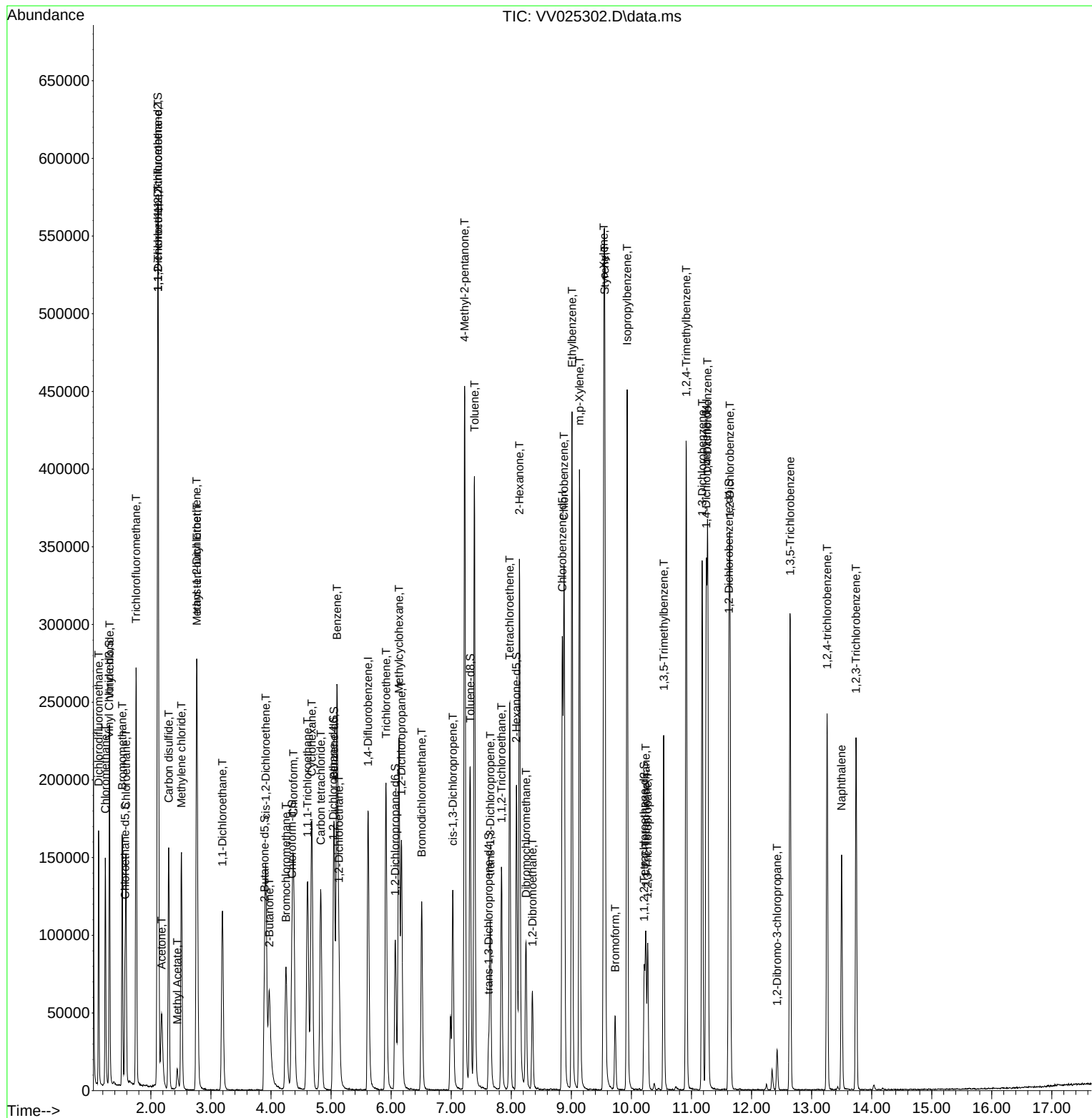
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	64667	5.812	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	111524	5.944	ug/L	97
30) Cyclohexane	4.677	56	87385	5.208	ug/L	98
31) Carbon tetrachloride	4.828	117	94915	5.845	ug/L	98
33) Benzene	5.098	78	267615	5.880	ug/L	100
34) Trichloroethene	5.915	95	69107	5.530	ug/L	97
35) Methylcyclohexane	6.130	83	93952	4.798	ug/L	99
37) 1,2-Dichloropropane	6.172	63	61263	5.803	ug/L	100
38) Bromodichloromethane	6.510	83	80454	6.015	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	77070	5.630	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	269199	63.863	ug/L	98
42) Toluene	7.387	91	291361	5.997	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	62012	5.762	ug/L	94
45) 1,1,2-Trichloroethane	7.838	97	43854	6.067	ug/L	98
47) Tetrachloroethene	7.973	164	53275	5.781	ug/L	98
48) 2-Hexanone	8.137	43	193847	64.298	ug/L	99
49) Dibromochloromethane	8.246	129	47645	6.125	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40380	5.996	ug/L	96
51) Chlorobenzene	8.879	112	181366	5.780	ug/L	97
52) Ethylbenzene	9.011	91	297424	5.771	ug/L	98
53) m,p-Xylene	9.137	106	115877	5.782	ug/L	99
54) o-Xylene	9.542	106	114440	5.973	ug/L	98
55) Styrene	9.558	104	186218	5.911	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46789	6.209	ug/L	98
59) Bromoform	9.731	173	20462	6.490	ug/L	97
60) Isopropylbenzene	9.931	105	293387	5.735	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	35127	6.019	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	122921	5.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	228551	5.584	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	135679	5.663	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	133855	5.579	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	124477	5.904	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6345	6.072	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.644	180	89680	5.189	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	70216	5.384	ug/L	96
71) Naphthalene	13.500	128	117576	5.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63369	5.640	ug/L	98

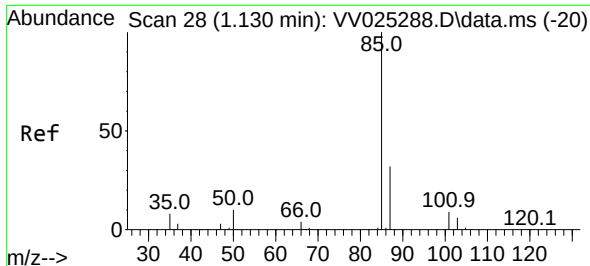
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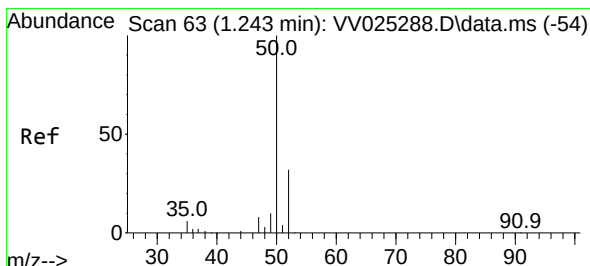
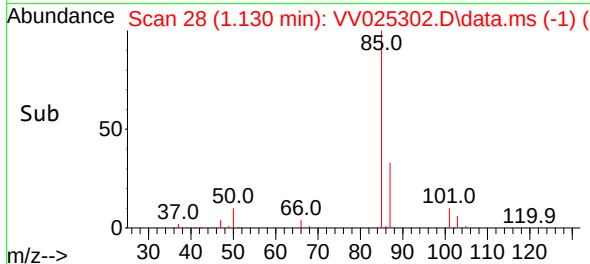
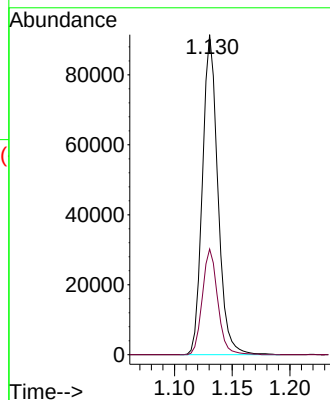
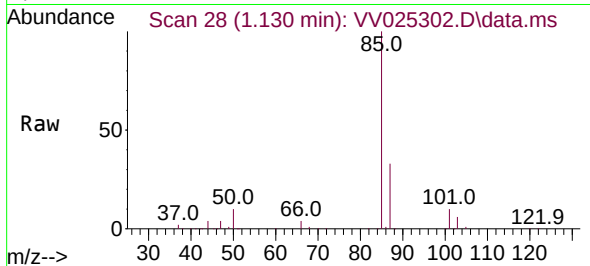




#2
 Dichlorodifluoromethane
 Concen: 5.287 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

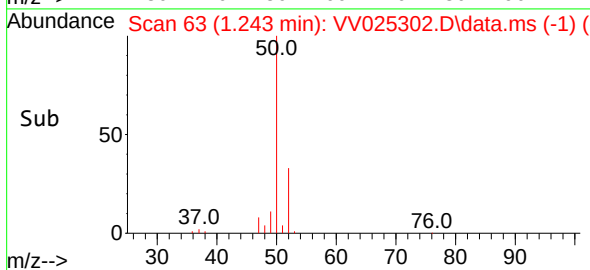
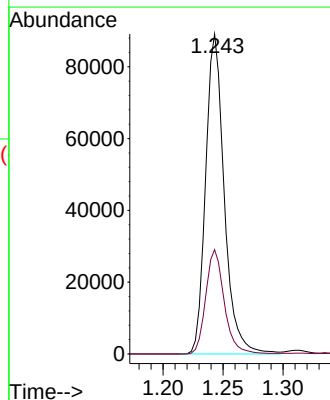
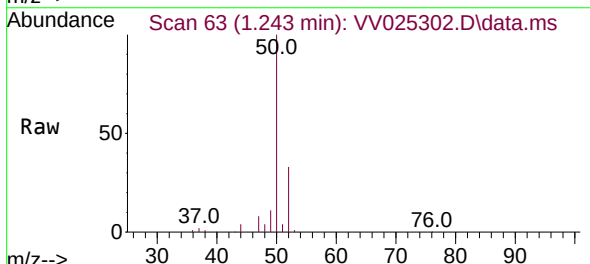
Instrument :
 MSVOA_V
 ClientSampleId :

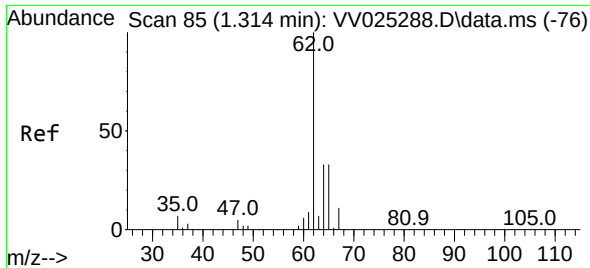
Tgt Ion: 85 Resp: 85019
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 5.077 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Tgt Ion: 50 Resp: 96293
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.9 42.5

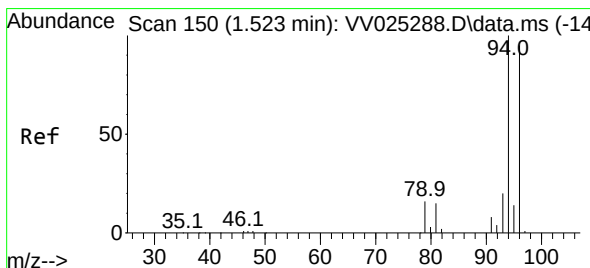
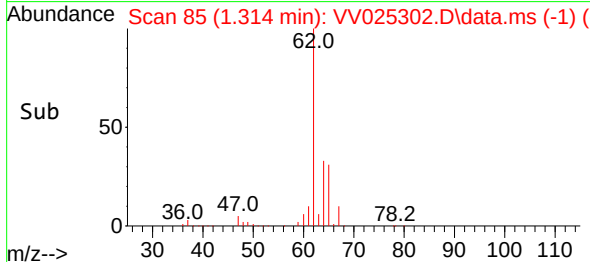
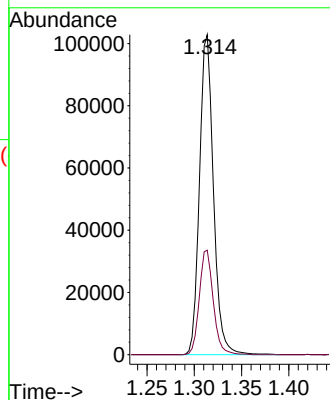
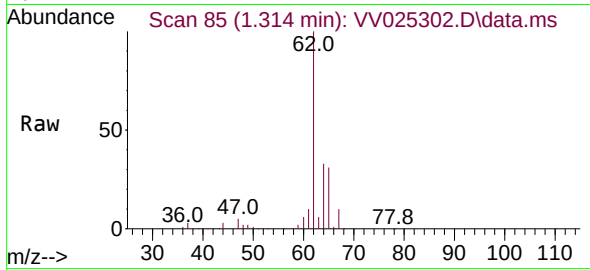




#5
 Vinyl chloride
 Concen: 4.986 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

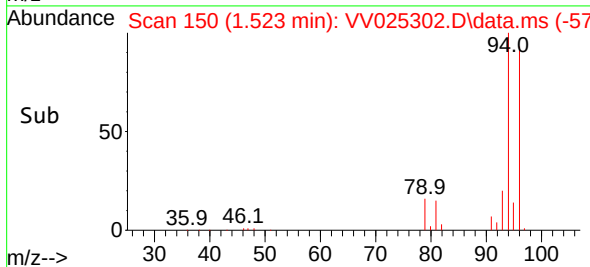
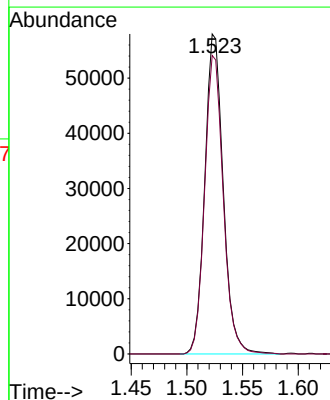
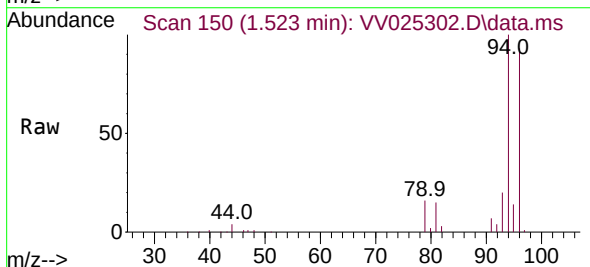
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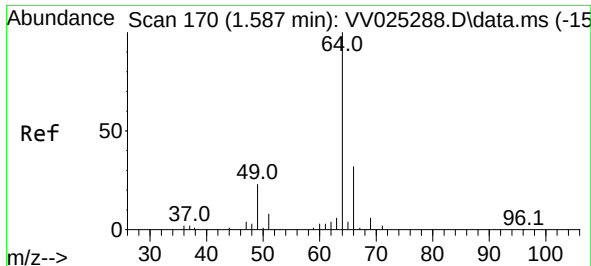
Tgt Ion: 62 Resp: 105618
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.0 40.8



#6
 Bromomethane
 Concen: 5.317 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Tgt Ion: 94 Resp: 66865
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.5 121.7

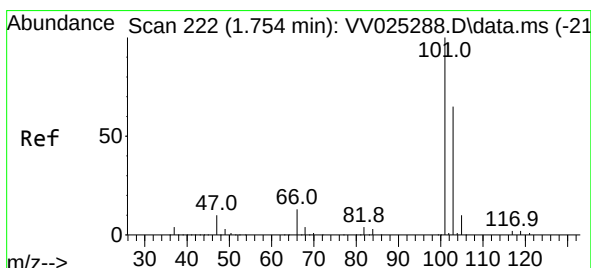
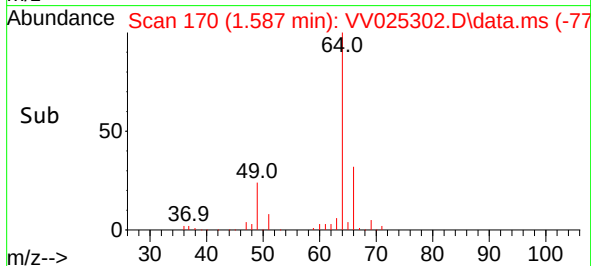
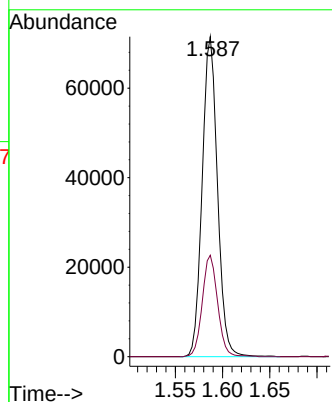
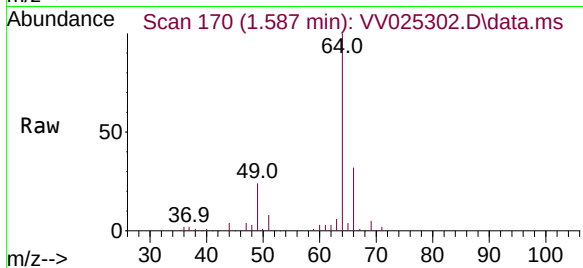




#8
Chloroethane
Concen: 6.040 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

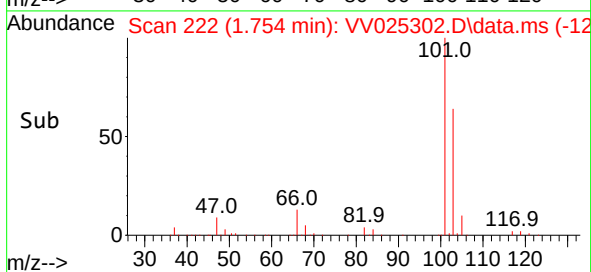
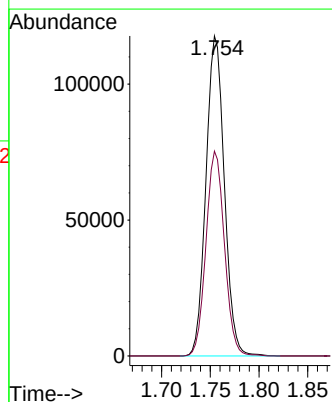
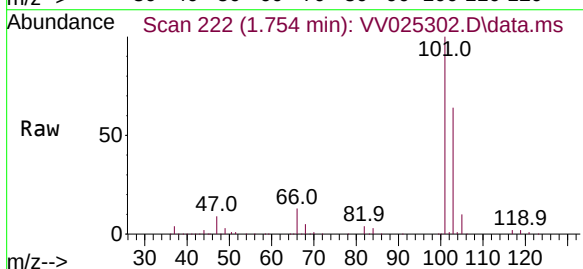
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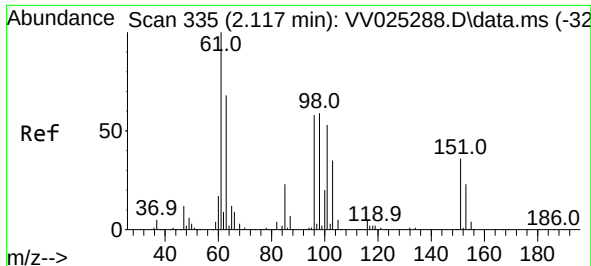
Tgt Ion: 64 Resp: 80290
Ion Ratio Lower Upper
64 100
66 31.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.392 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion:101 Resp: 154408
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

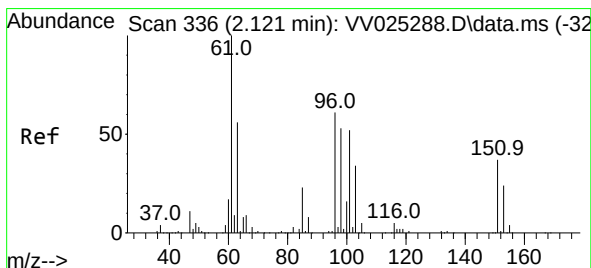
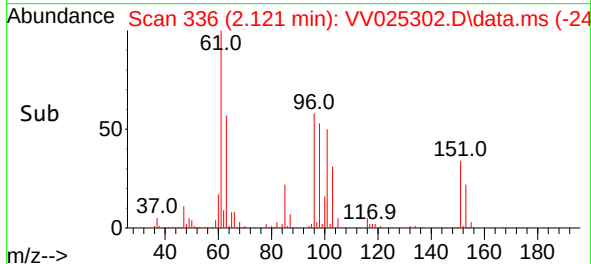
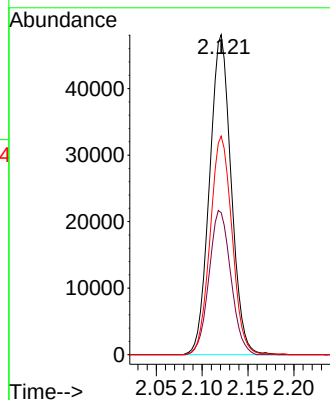
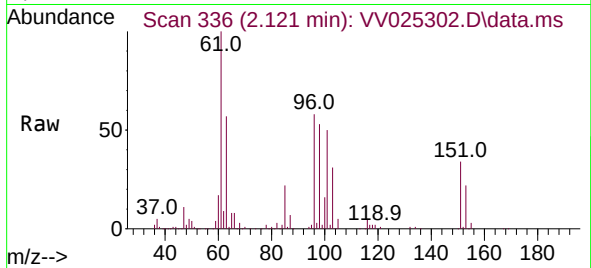




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.640 ug/L
RT: 2.121 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

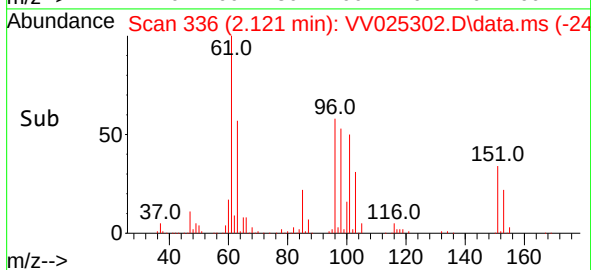
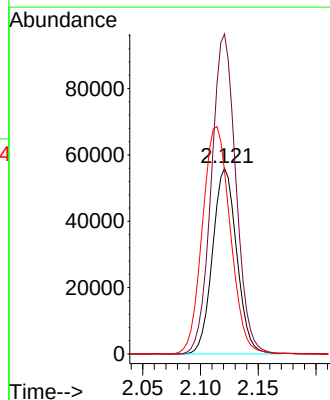
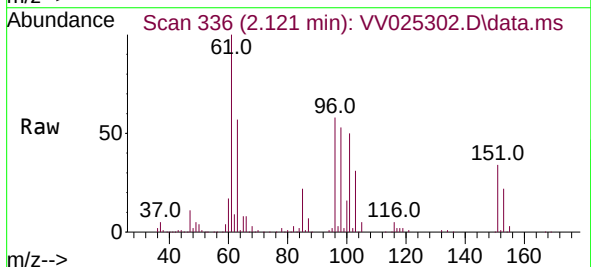
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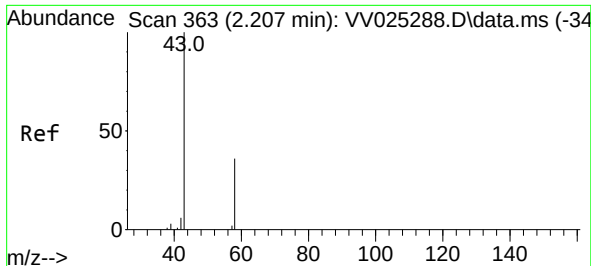
Tgt Ion:101 Resp: 78922
Ion Ratio Lower Upper
101 100
85 45.5 36.0 54.0
151 69.2 54.6 81.8



#12
1,1-Dichloroethene
Concen: 5.019 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

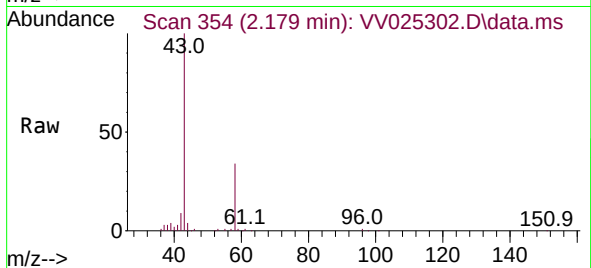
Tgt Ion: 96 Resp: 81346
Ion Ratio Lower Upper
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61 172.2 121.5 225.7
63 98.6 77.9 144.7



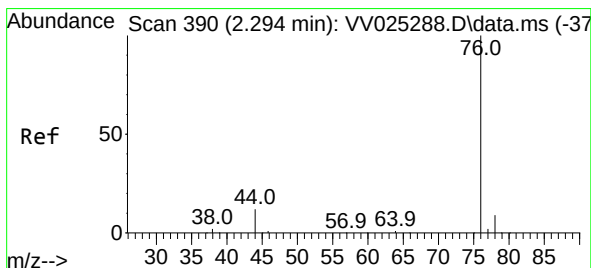
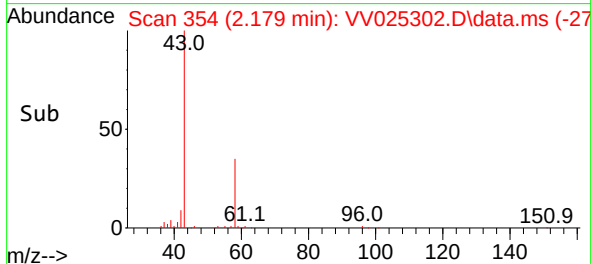
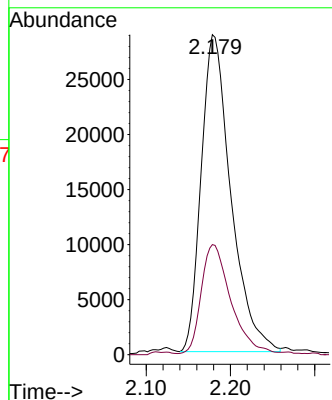


#13
Acetone
Concen: 61.782 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV025302.D
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Instrument :
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ClientSampleId :

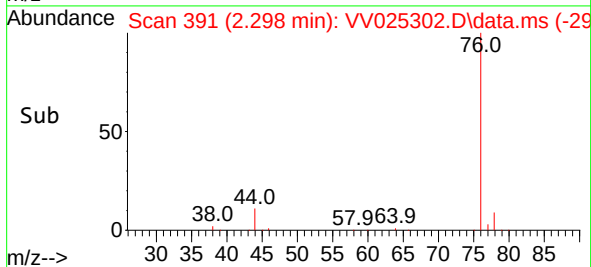
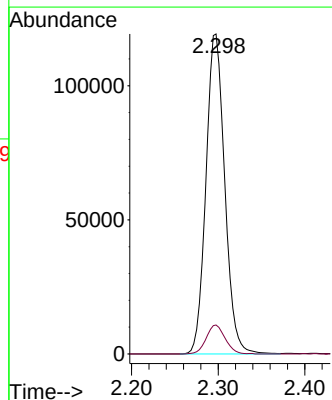
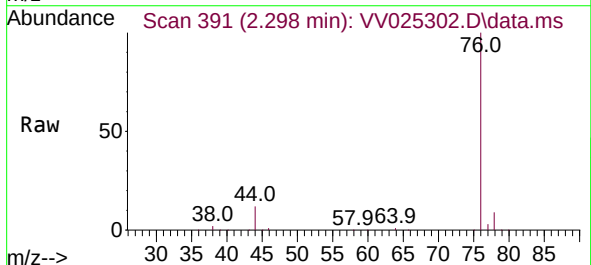


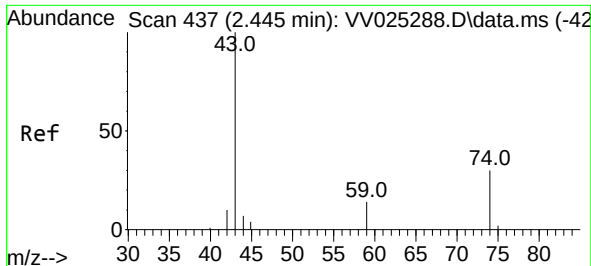
Tgt Ion: 43 Resp: 70618
Ion Ratio Lower Upper
43 100
58 34.2 0.0 51.2



#14
Carbon disulfide
Concen: 5.361 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 179993
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

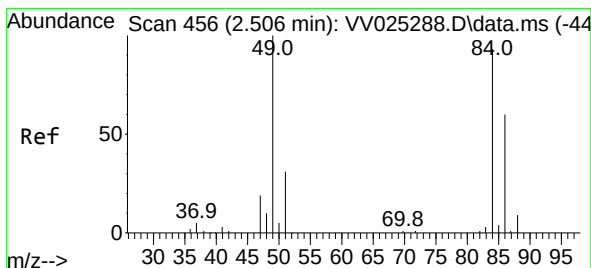
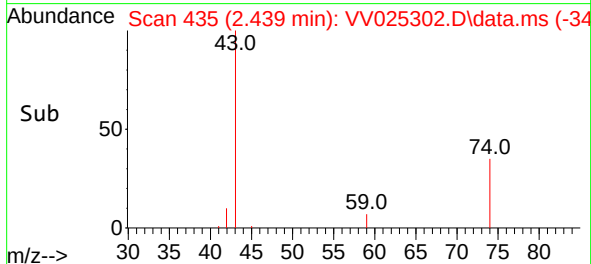
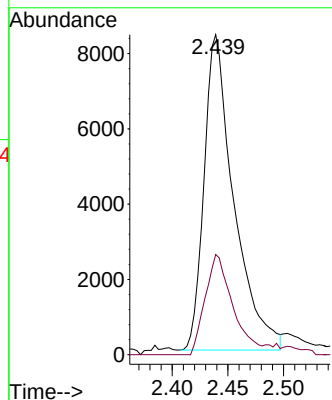
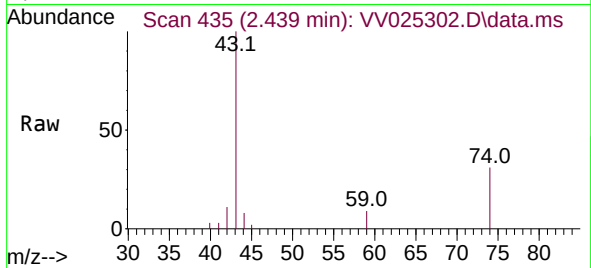




#15
Methyl Acetate
Concen: 5.998 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

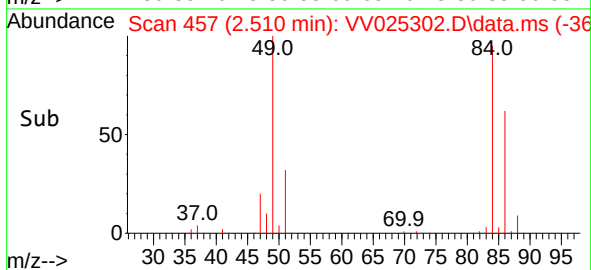
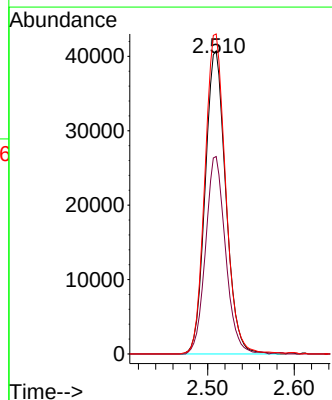
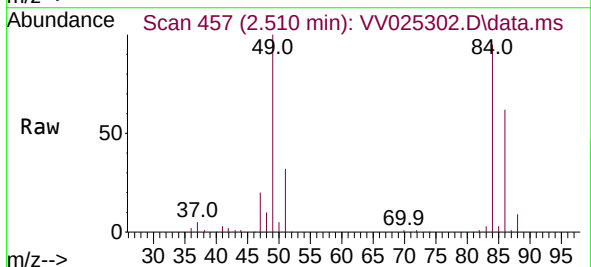
Instrument :
MSVOA_V
ClientSampleId :

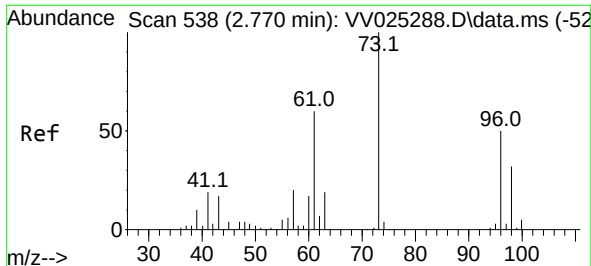
Tgt Ion: 43 Resp: 15607
Ion Ratio Lower Upper
43 100
74 29.4 20.9 31.3



#16
Methylene chloride
Concen: 5.294 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 84 Resp: 67372
Ion Ratio Lower Upper
84 100
86 65.2 43.5 80.7
49 105.6 74.5 138.3

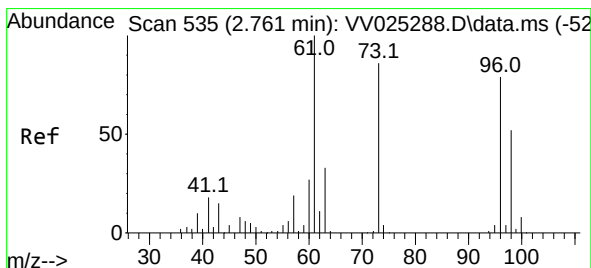
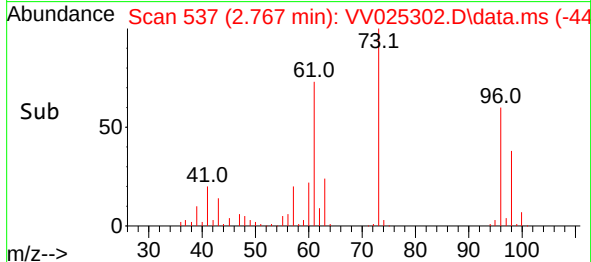
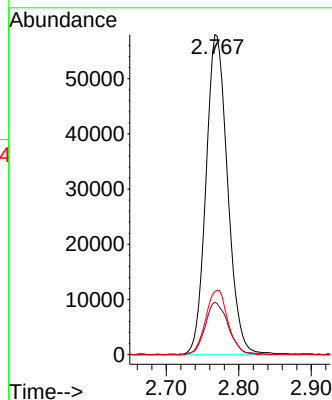
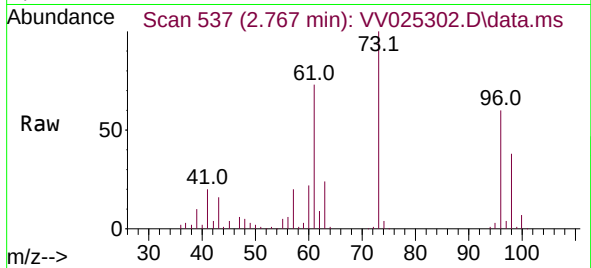




#17
Methyl tert-butyl Ether
Concen: 5.867 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

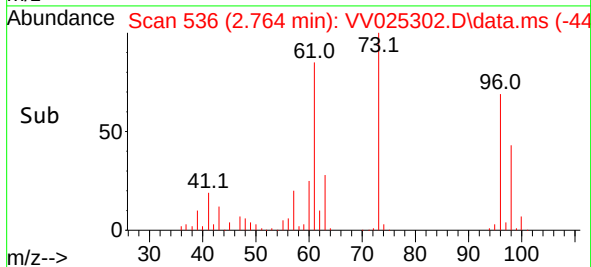
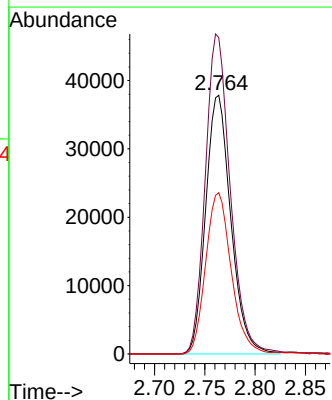
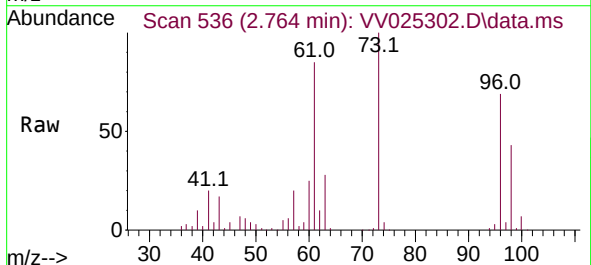
Instrument :
MSVOA_V
ClientSampleId :

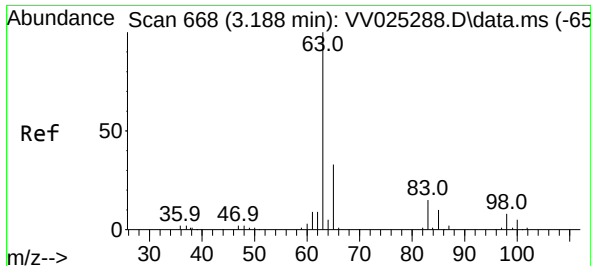
Tgt Ion: 73 Resp: 120303
Ion Ratio Lower Upper
73 100
43 17.7 13.5 20.3
57 20.7 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.678 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 96 Resp: 66050
Ion Ratio Lower Upper
96 100
61 122.3 87.6 162.8
98 62.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.899 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

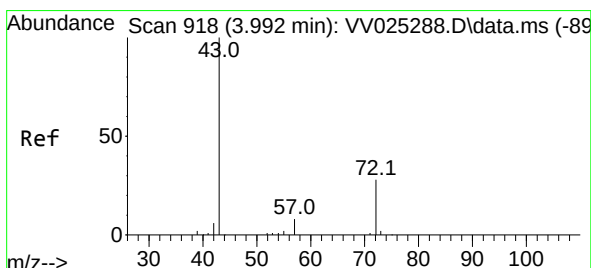
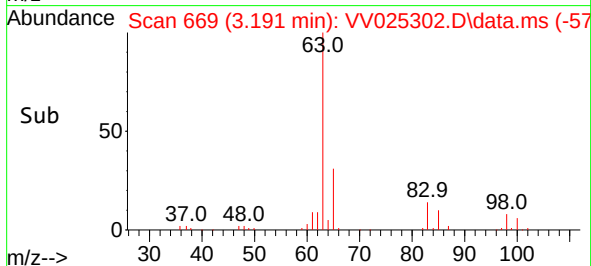
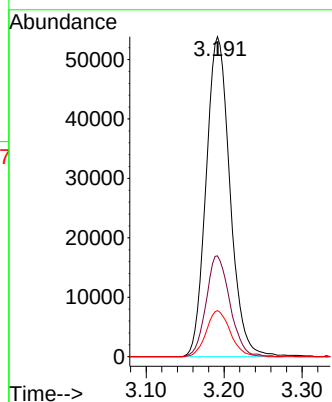
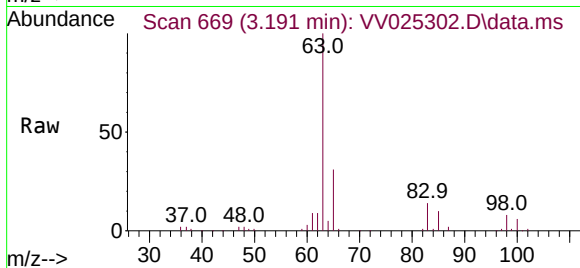
Tgt Ion: 63 Resp: 114562

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 14.4 10.2 19.0



#21

2-Butanone

Concen: 67.526 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.019 min

Lab File: VV025302.D

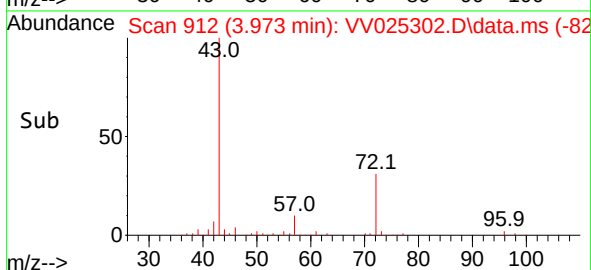
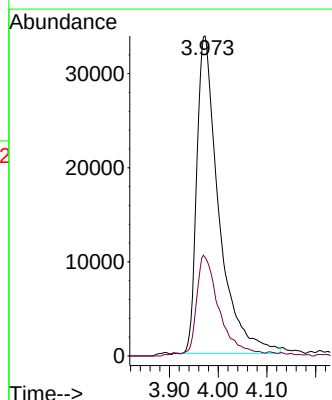
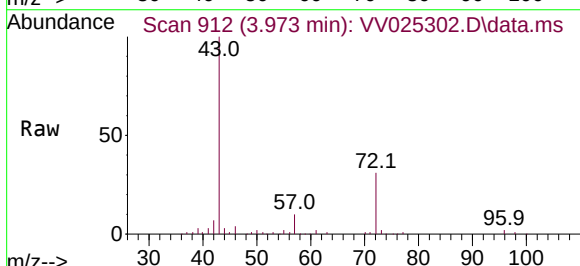
Acq: 29 Mar 2022 18:47

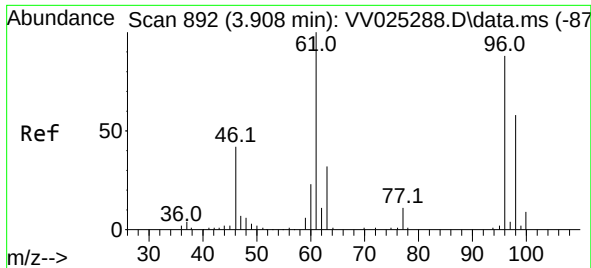
Tgt Ion: 43 Resp: 106205

Ion Ratio Lower Upper

43 100

72 31.3 11.8 35.4

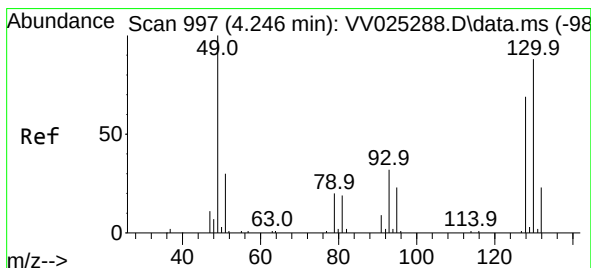
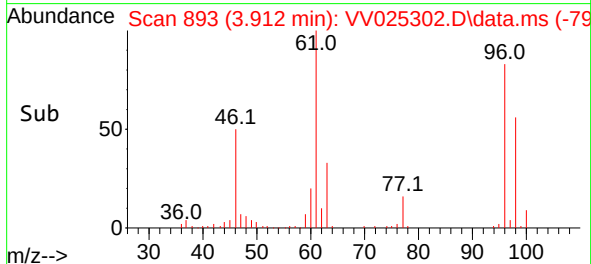
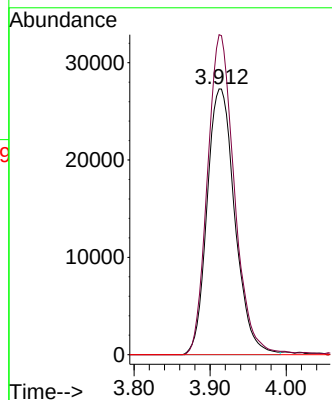
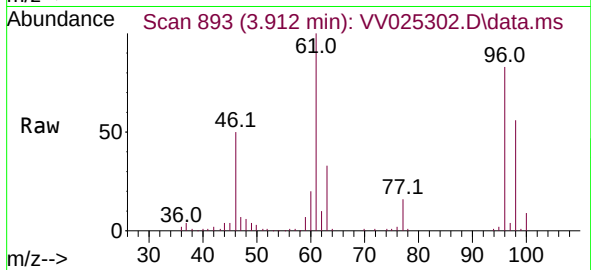




#22
 cis-1,2-Dichloroethene
 Concen: 5.861 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

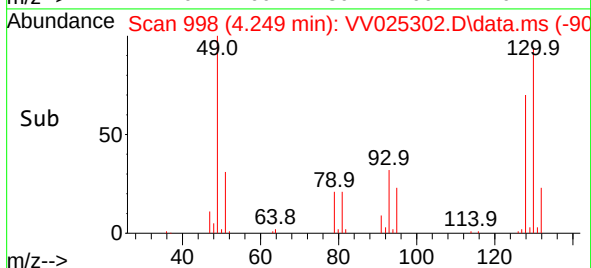
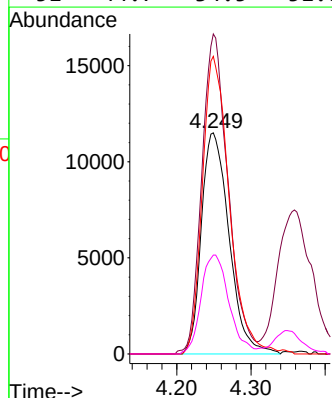
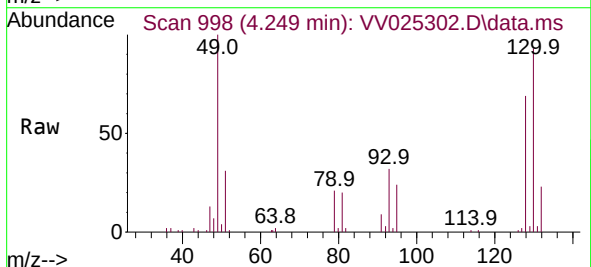
Instrument :
 MSVOA_V
 ClientSampleId :

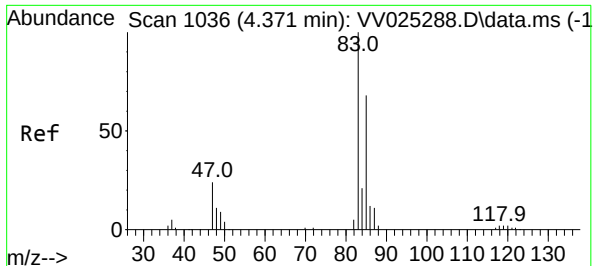
Tgt Ion: 96 Resp: 69271
 Ion Ratio Lower Upper
 96 100
 61 120.4 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 6.043 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Tgt Ion: 128 Resp: 29793
 Ion Ratio Lower Upper
 128 100
 49 144.7 101.4 188.4
 130 134.6 85.0 158.0
 51 44.7 34.5 51.7

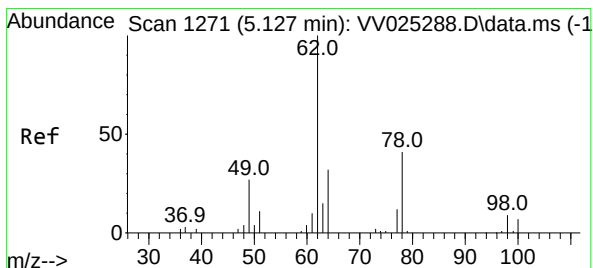
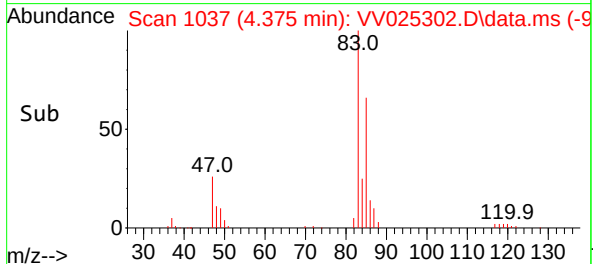
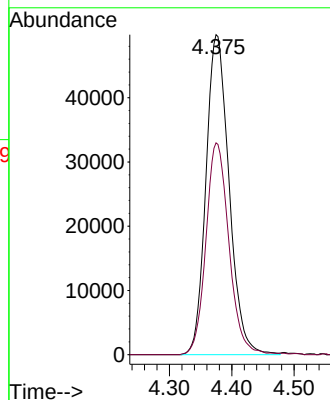
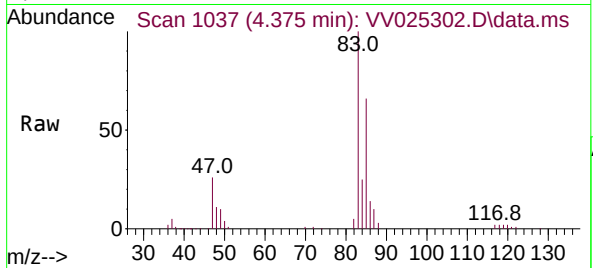




#25
Chloroform
Concen: 5.953 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

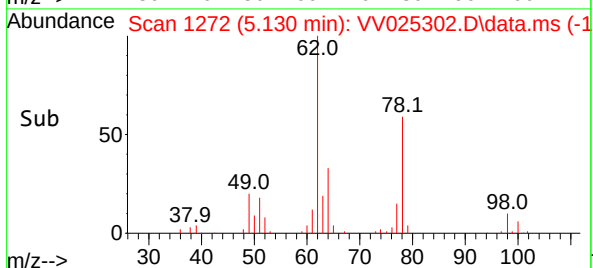
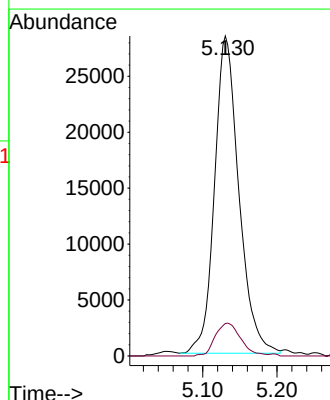
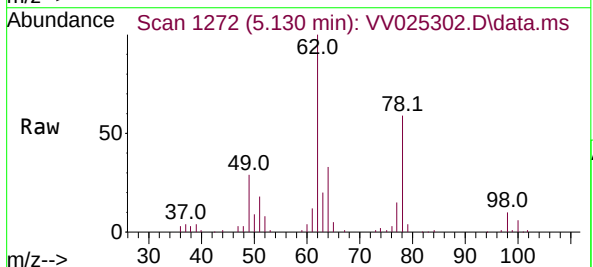
Instrument :
MSVOA_V
ClientSampleId :

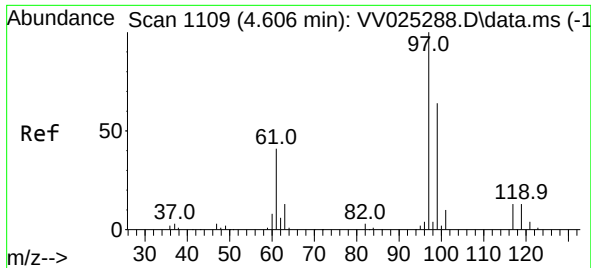
Tgt Ion: 83 Resp: 128265
Ion Ratio Lower Upper
83 100
85 66.2 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.812 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 62 Resp: 64667
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.944 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

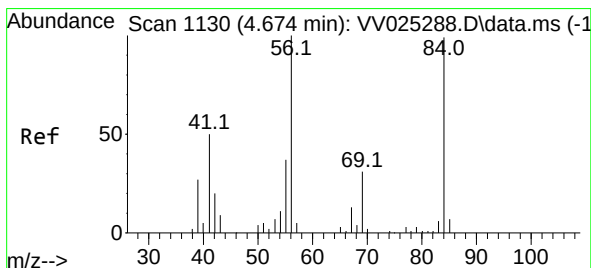
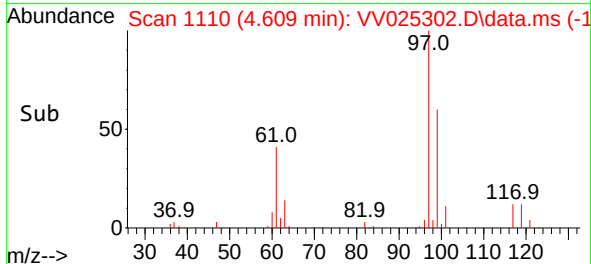
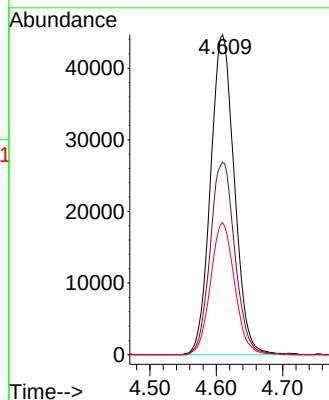
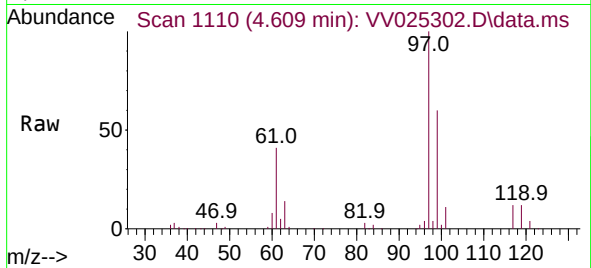
Tgt Ion: 97 Resp: 111524

Ion Ratio Lower Upper

97 100

99 62.4 51.9 77.9

61 41.7 34.2 51.2



#30

Cyclohexane

Concen: 5.208 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

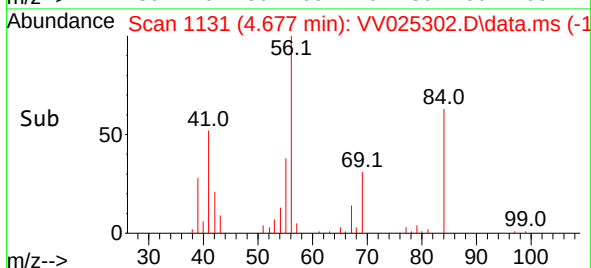
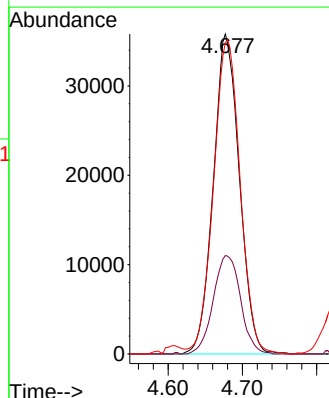
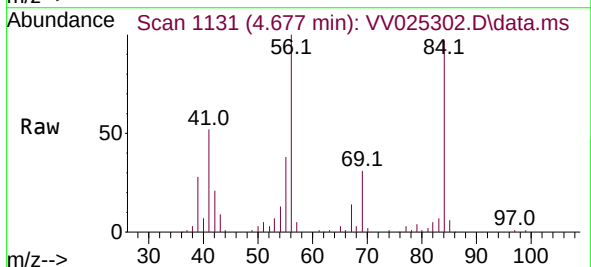
Tgt Ion: 56 Resp: 87385

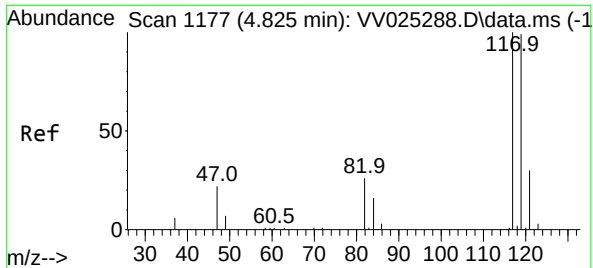
Ion Ratio Lower Upper

56 100

69 32.2 25.3 37.9

84 100.5 78.4 117.6

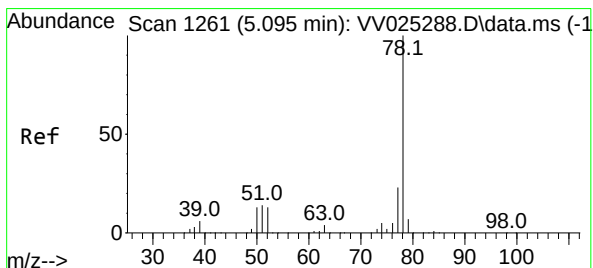
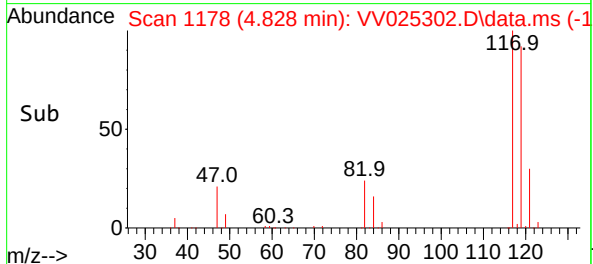
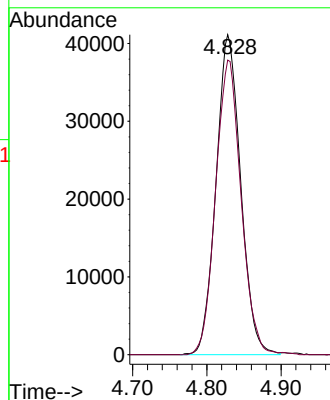
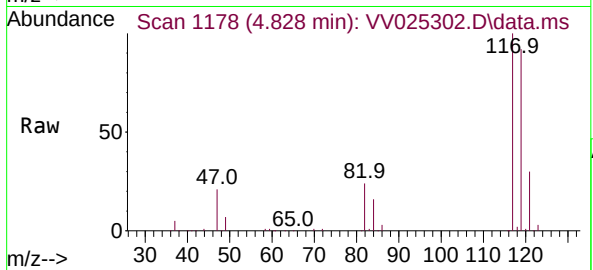




#31
Carbon tetrachloride
Concen: 5.845 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

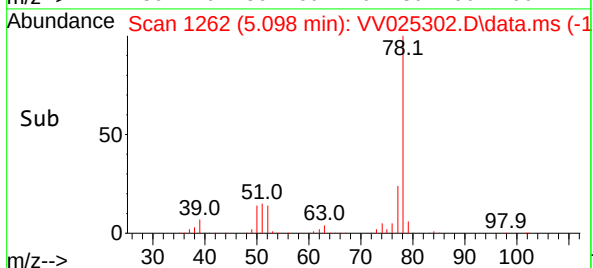
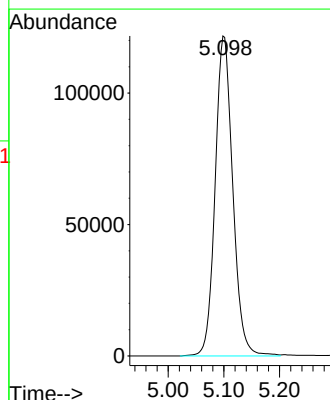
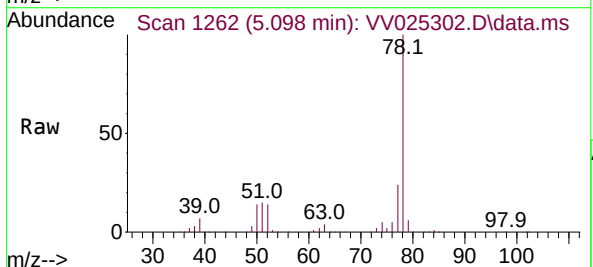
Instrument :
MSVOA_V
ClientSampleId :

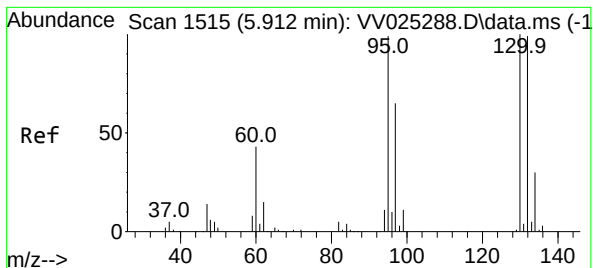
Tgt Ion:117 Resp: 94915
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6



#33
Benzene
Concen: 5.880 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 78 Resp: 267615





#34

Trichloroethene

Concen: 5.530 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 69107

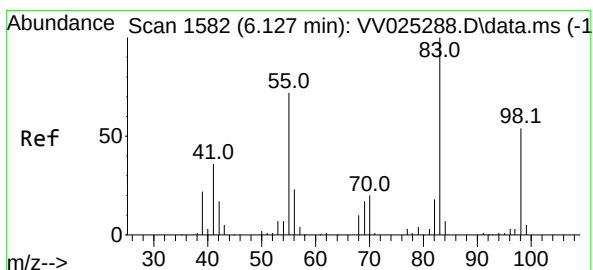
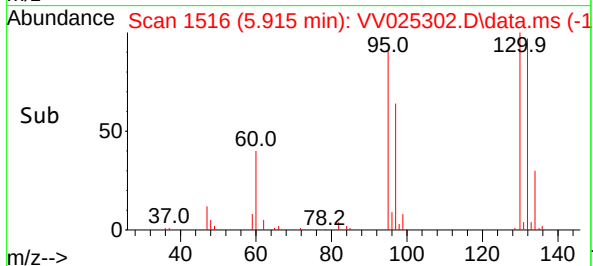
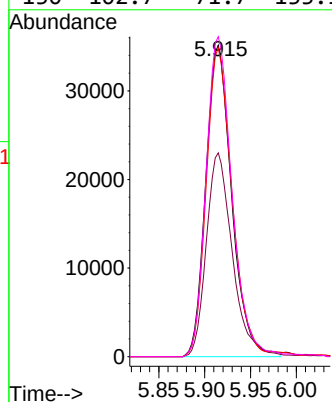
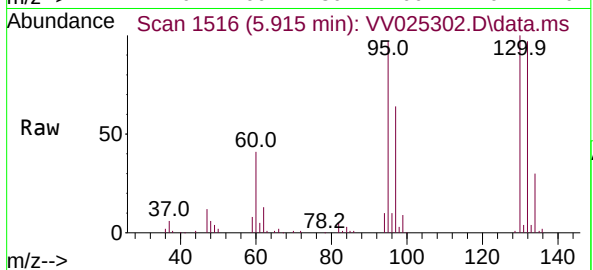
Ion Ratio Lower Upper

95 100

97 65.4 46.3 85.9

132 99.1 65.2 121.2

130 102.7 71.7 133.1



#35

Methylcyclohexane

Concen: 4.798 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

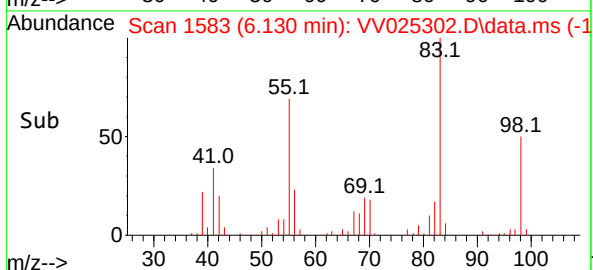
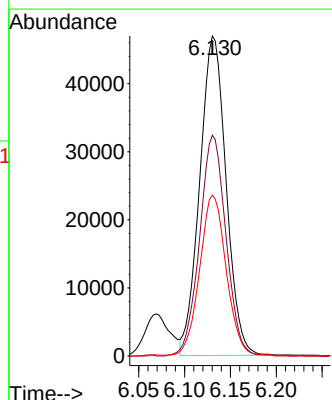
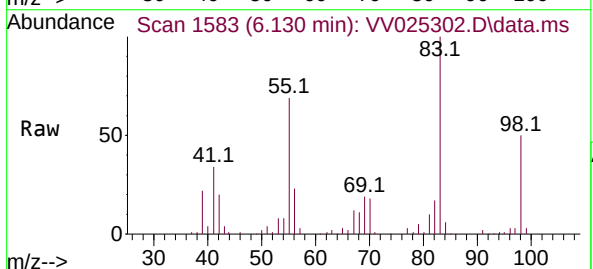
Tgt Ion: 83 Resp: 93952

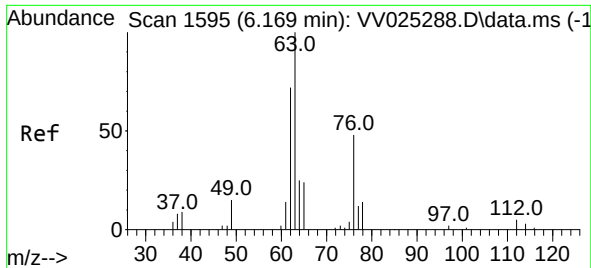
Ion Ratio Lower Upper

83 100

55 69.0 54.6 81.8

98 50.9 39.8 59.6

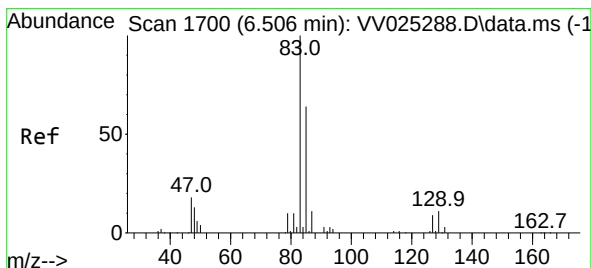
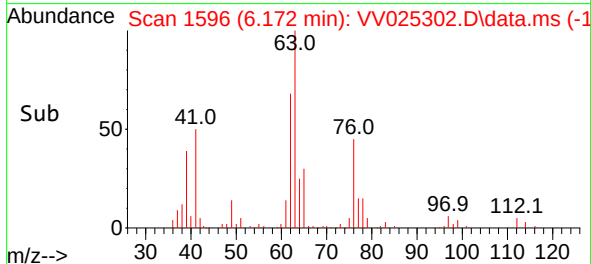
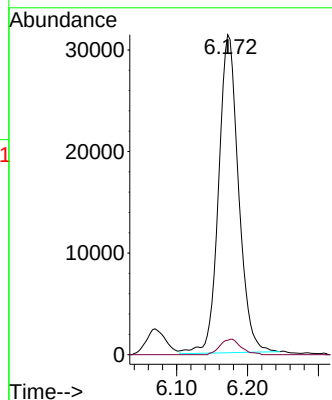
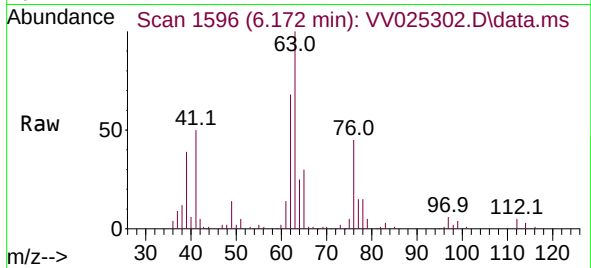




#37
1,2-Dichloropropane
Concen: 5.803 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

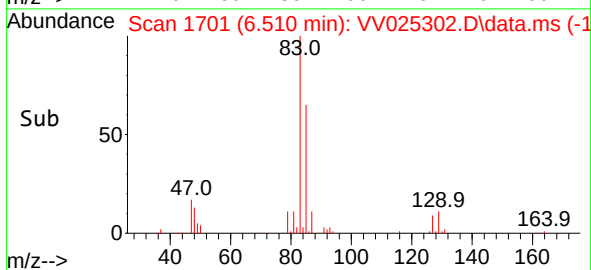
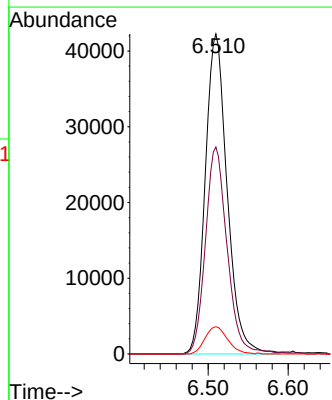
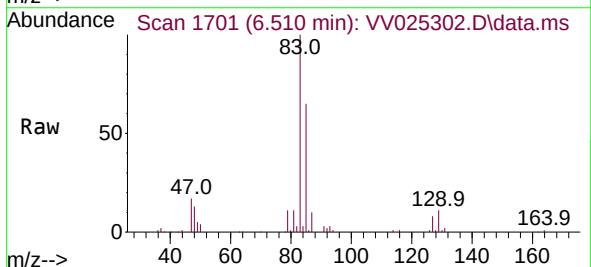
Instrument :
MSVOA_V
ClientSampleId :

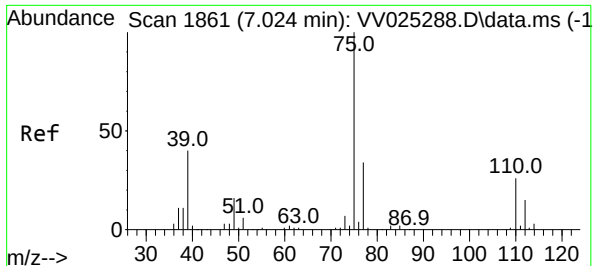
Tgt Ion: 63 Resp: 61263
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2



#38
Bromodichloromethane
Concen: 6.015 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 83 Resp: 80454
Ion Ratio Lower Upper
83 100
85 64.7 47.2 87.6
127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.630 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

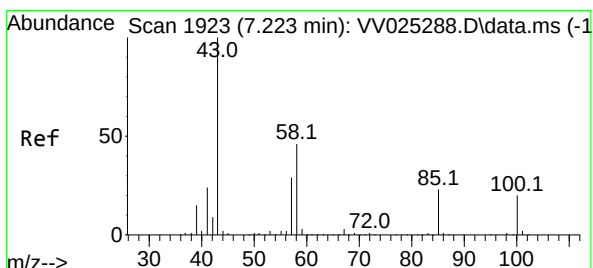
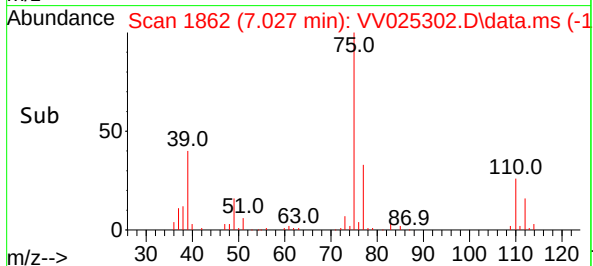
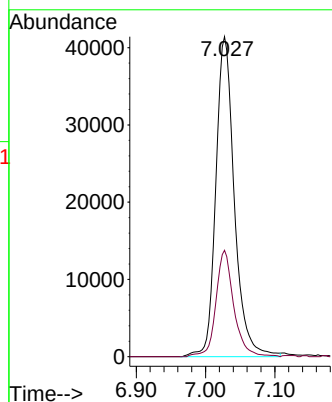
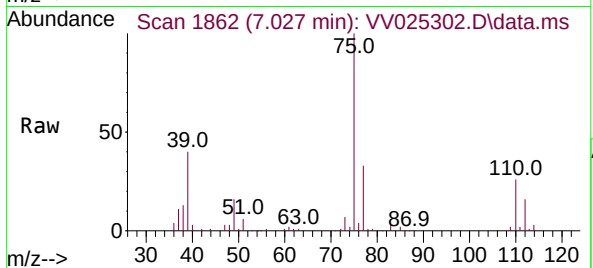
ClientSampleId :

Tgt Ion: 75 Resp: 77070

Ion Ratio Lower Upper

75 100

77 33.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 63.863 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

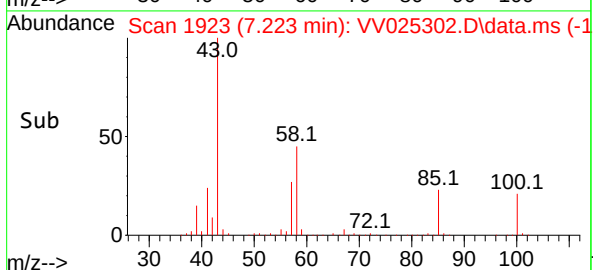
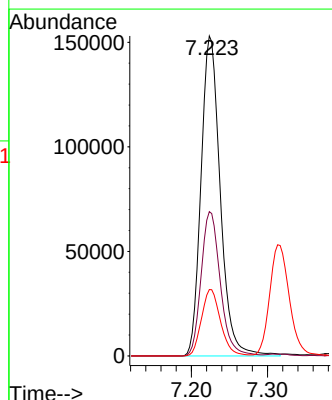
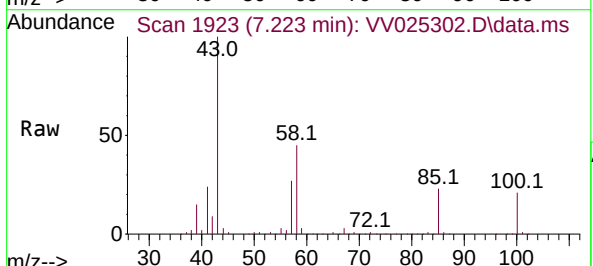
Tgt Ion: 43 Resp: 269199

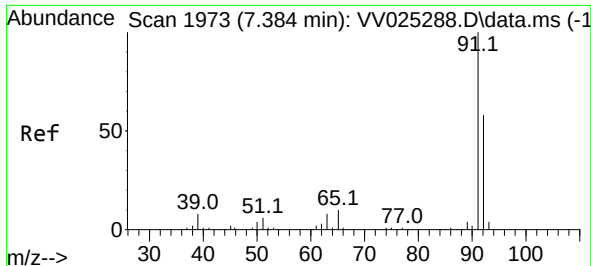
Ion Ratio Lower Upper

43 100

58 44.9 35.1 52.7

100 20.6 15.5 23.3





#42

Toluene

Concen: 5.997 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

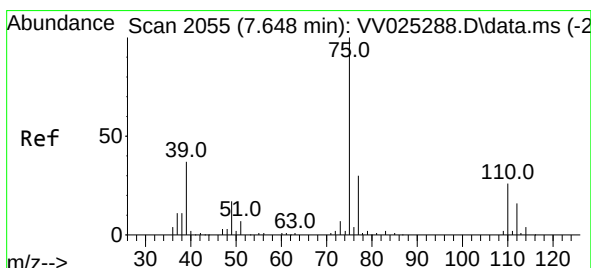
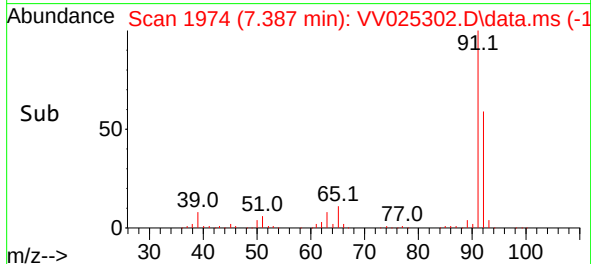
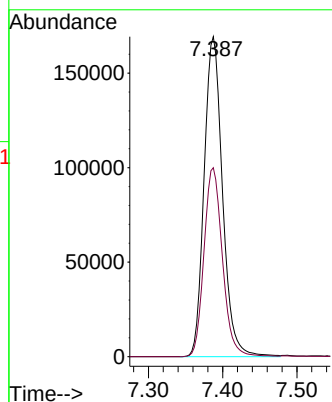
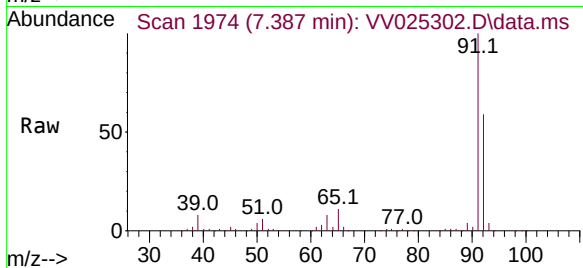
ClientSampleId :

Tgt Ion: 91 Resp: 291361

Ion Ratio Lower Upper

91 100

92 59.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.762 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025302.D

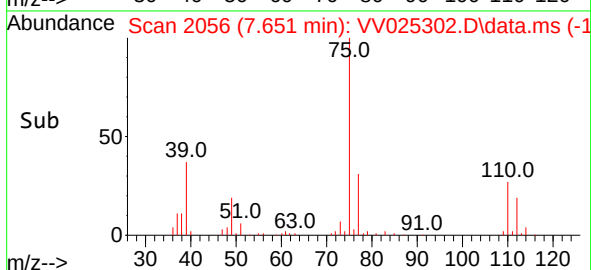
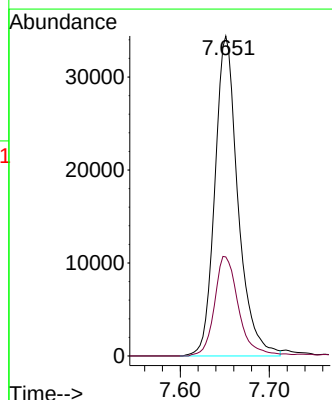
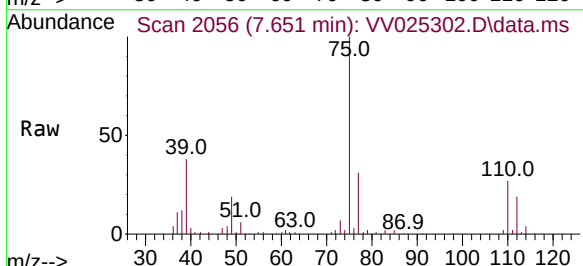
Acq: 29 Mar 2022 18:47

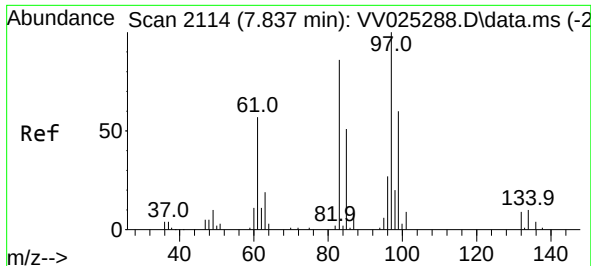
Tgt Ion: 75 Resp: 62012

Ion Ratio Lower Upper

75 100

77 31.0 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 6.067 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 43854

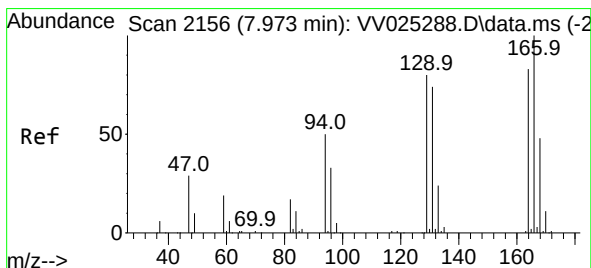
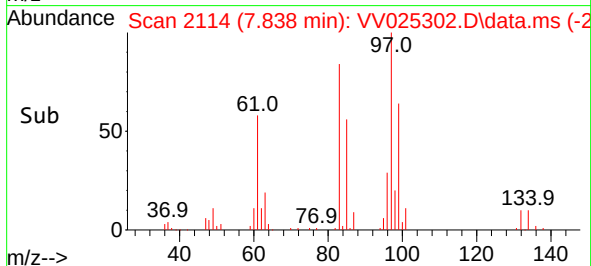
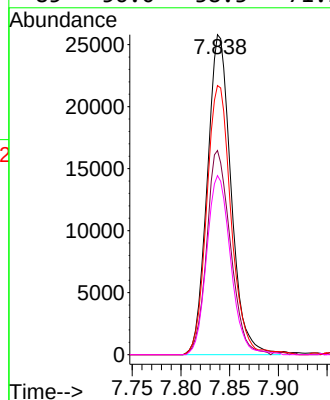
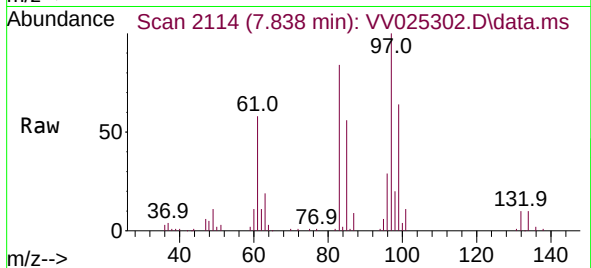
Ion Ratio Lower Upper

97 100

99 63.8 43.3 80.5

83 84.1 58.0 107.6

85 56.0 38.3 71.1



#47

Tetrachloroethene

Concen: 5.781 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Tgt Ion: 164 Resp: 53275

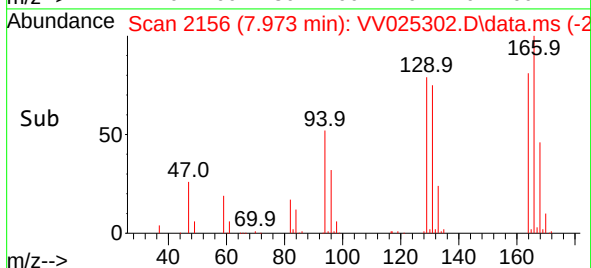
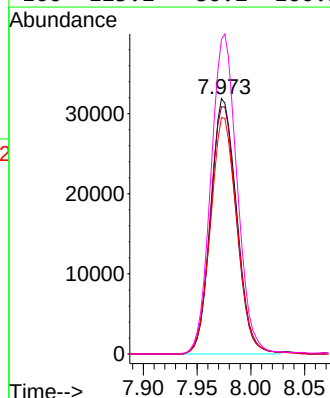
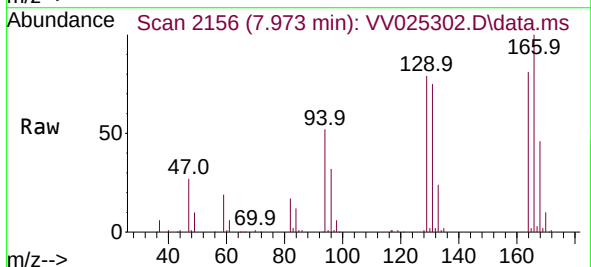
Ion Ratio Lower Upper

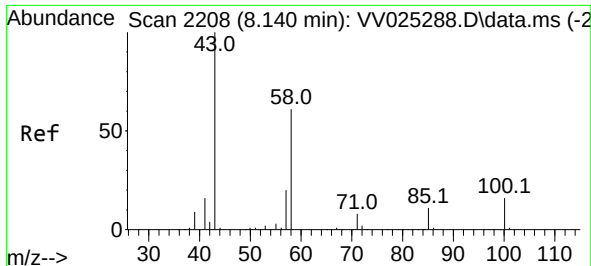
164 100

129 96.8 67.5 125.4

131 92.6 68.0 126.4

166 123.2 86.2 160.2



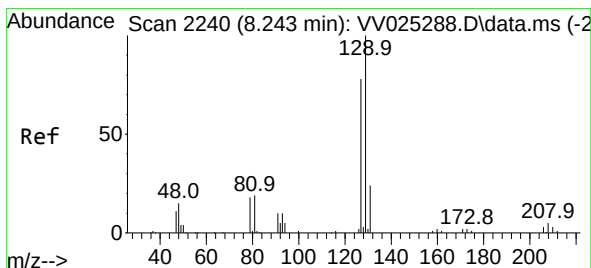
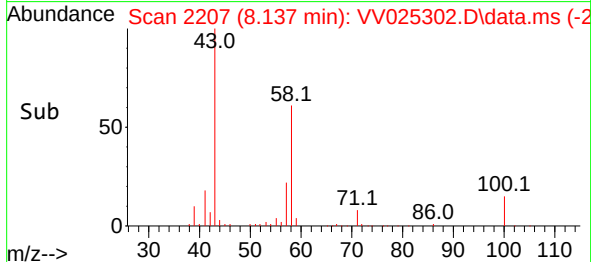
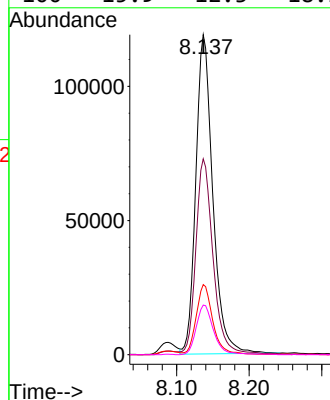
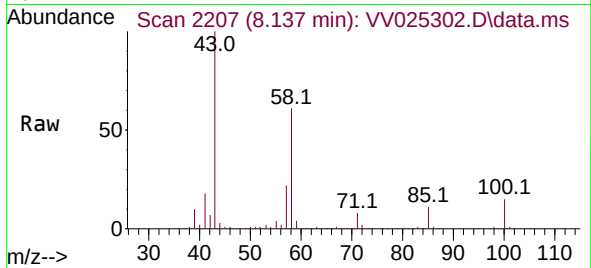


#48
2-Hexanone
Concen: 64.298 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 193847

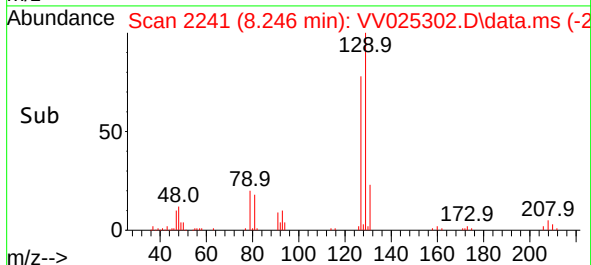
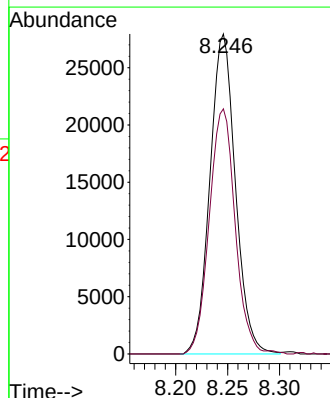
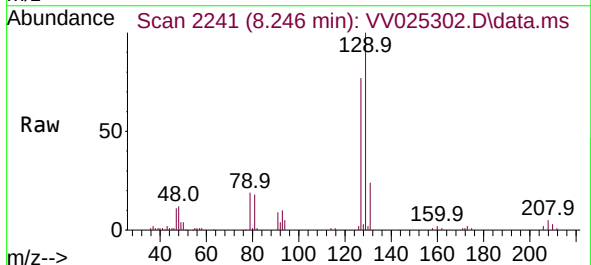
Ion	Ratio	Lower	Upper
43	100		
58	60.9	48.5	72.7
57	21.3	16.9	25.3
100	15.9	12.3	18.5

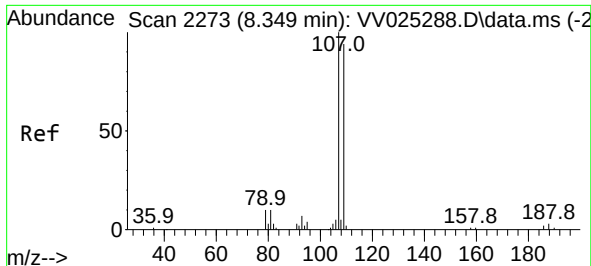


#49
Dibromochloromethane
Concen: 6.125 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 129 Resp: 47645

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.996 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025302.D

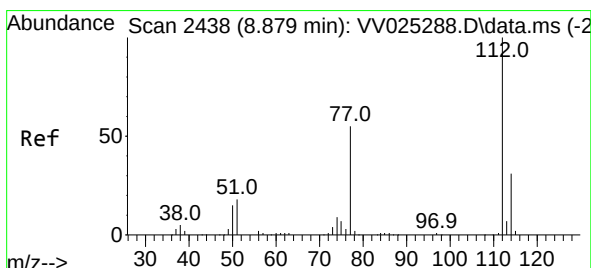
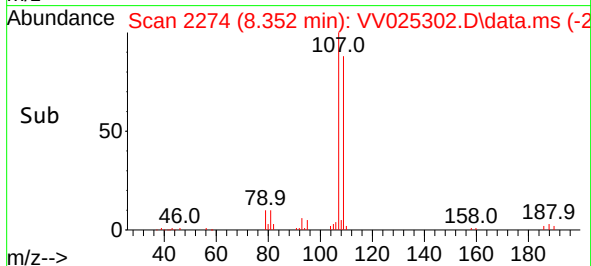
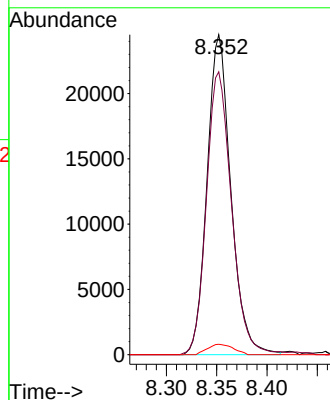
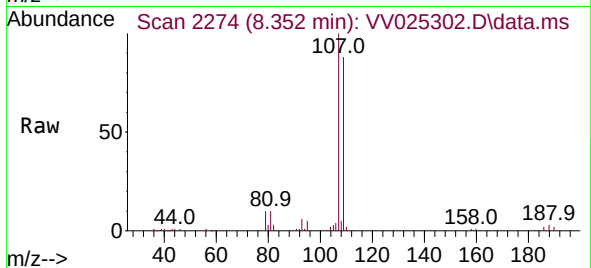
Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	40380
Ion	Ratio	Lower Upper
107	100	
109	88.4	64.7 120.1
188	3.3	2.2 3.4



#51

Chlorobenzene

Concen: 5.780 ug/L

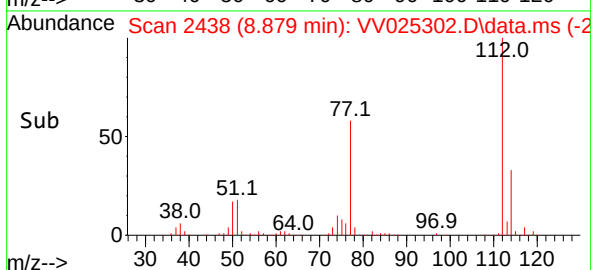
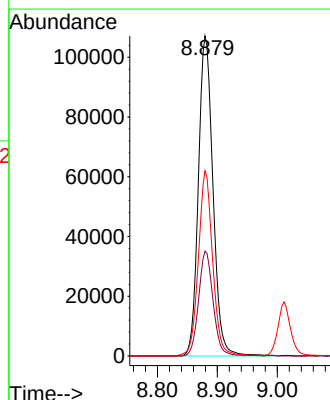
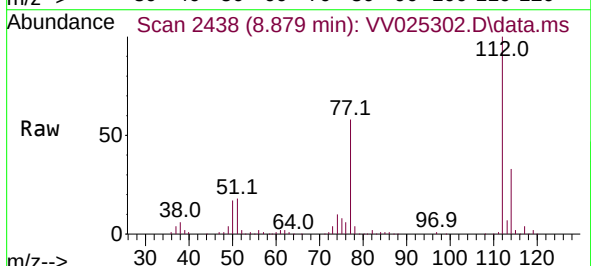
RT: 8.879 min Scan# 2438

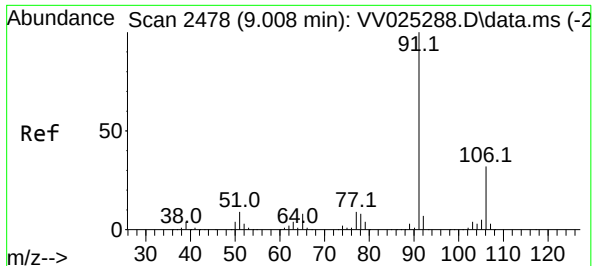
Delta R.T. 0.000 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Tgt Ion:112	Resp:	181366
Ion	Ratio	Lower Upper
112	100	
114	32.7	21.9 40.7
77	57.9	44.2 66.4





#52

Ethylbenzene

Concen: 5.771 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV025302.D

Acq: 29 Mar 2022 18:47

Instrument :

MSVOA_V

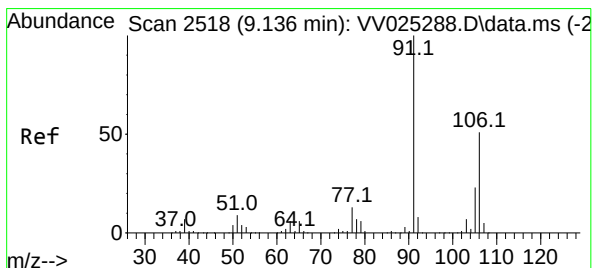
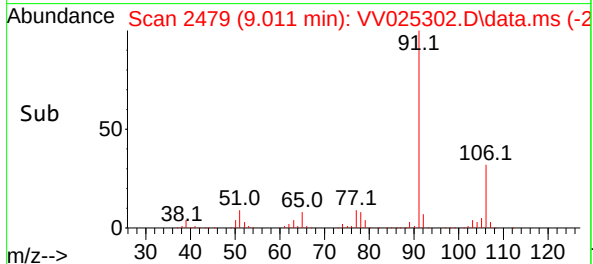
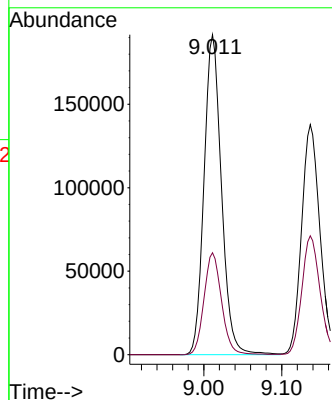
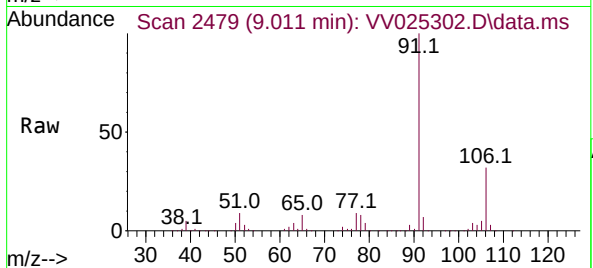
ClientSampleId :

Tgt Ion: 91 Resp: 297424

Ion Ratio Lower Upper

91 100

106 31.9 21.7 40.3



#53

m,p-Xylene

Concen: 5.782 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025302.D

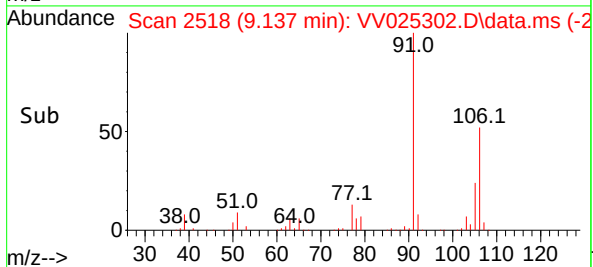
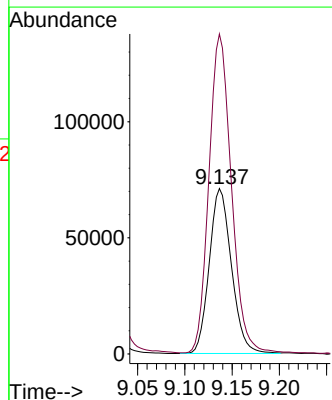
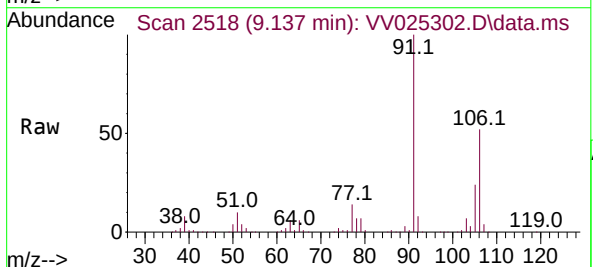
Acq: 29 Mar 2022 18:47

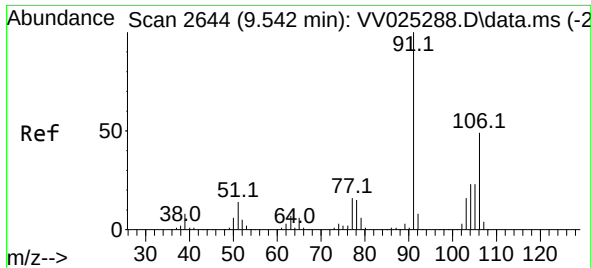
Tgt Ion: 106 Resp: 115877

Ion Ratio Lower Upper

106 100

91 193.4 136.8 254.0

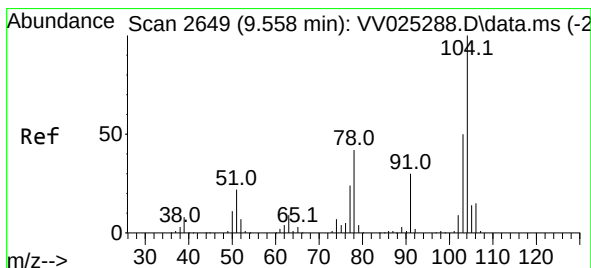
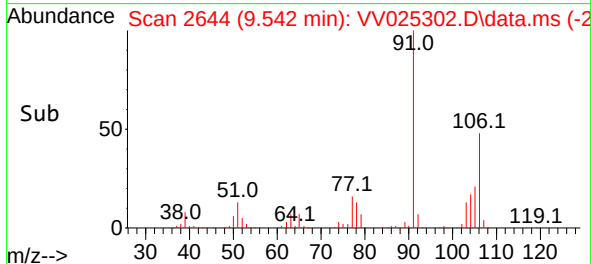
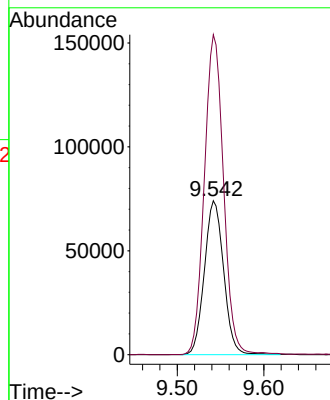
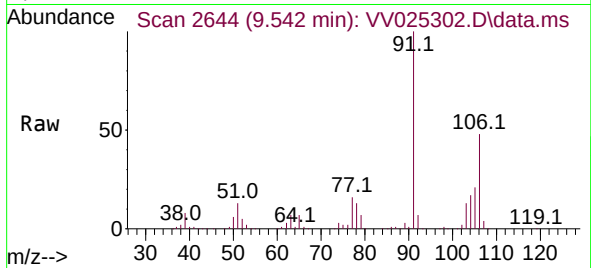




#54
o-Xylene
Concen: 5.973 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

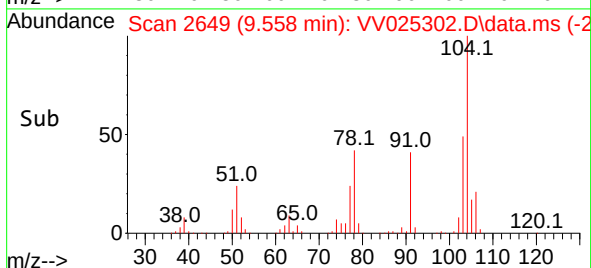
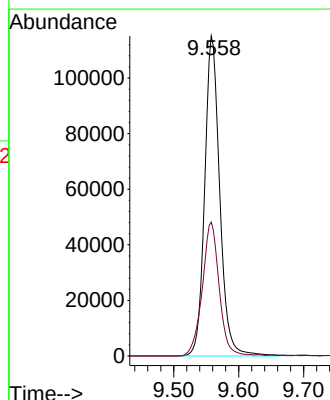
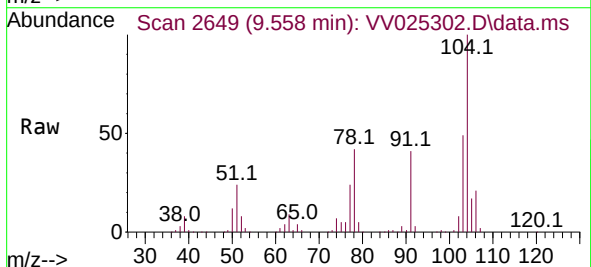
Instrument :
MSVOA_V
ClientSampleId :

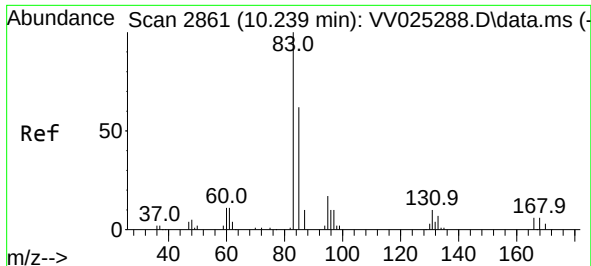
Tgt Ion:106 Resp: 114440
Ion Ratio Lower Upper
106 100
91 208.0 143.0 265.6



#55
Styrene
Concen: 5.911 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion:104 Resp: 186218
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9

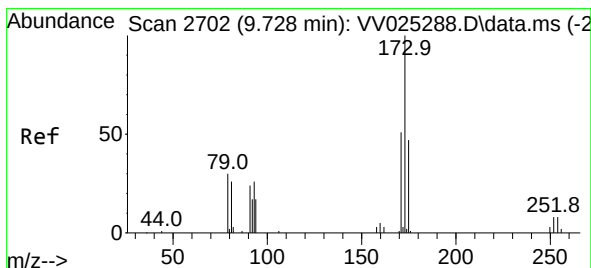
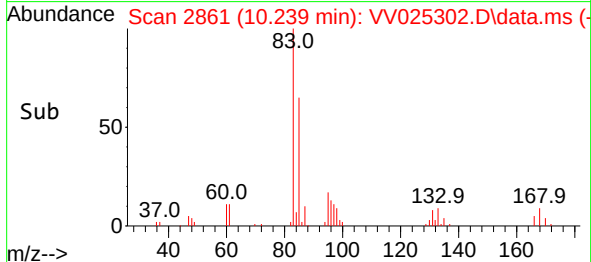
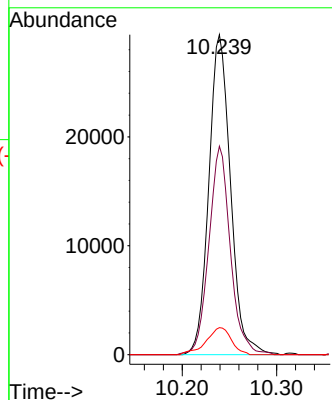
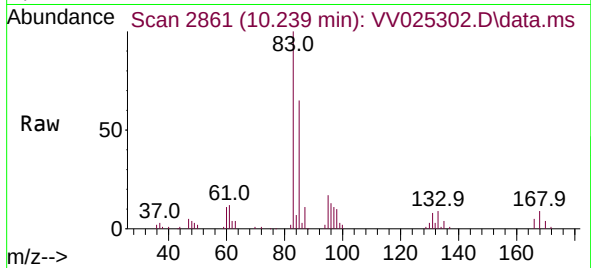




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.209 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

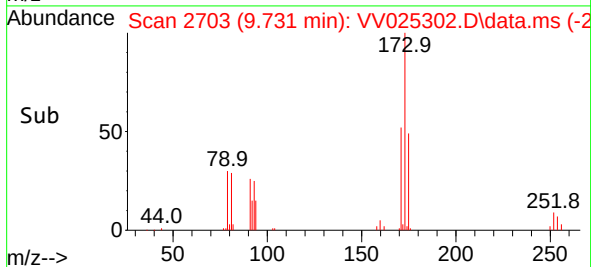
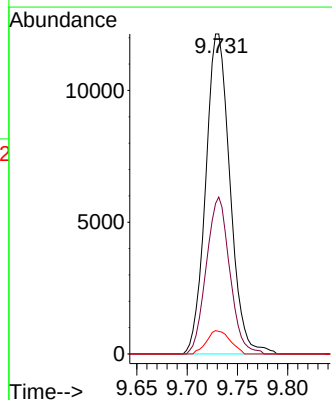
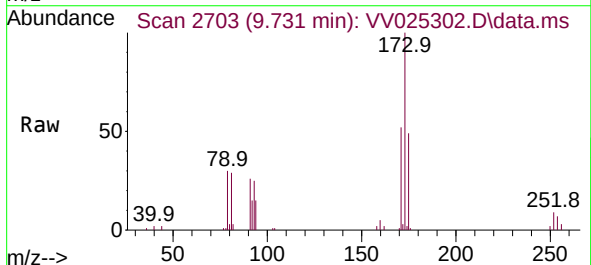
Instrument :
 MSVOA_V
 ClientSampleId :

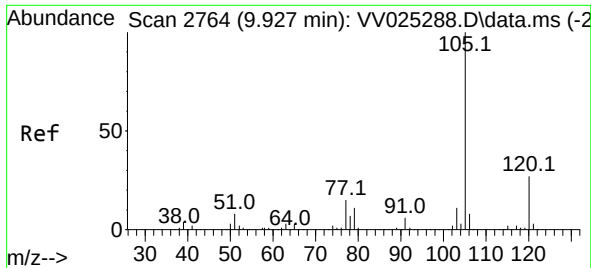
Tgt Ion: 83 Resp: 46789
 Ion Ratio Lower Upper
 83 100
 85 65.2 46.2 85.8
 131 8.4 8.1 12.1



#59
 Bromoform
 Concen: 6.490 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Tgt Ion: 173 Resp: 20462
 Ion Ratio Lower Upper
 173 100
 175 47.2 39.4 59.0
 254 7.0 5.6 8.4

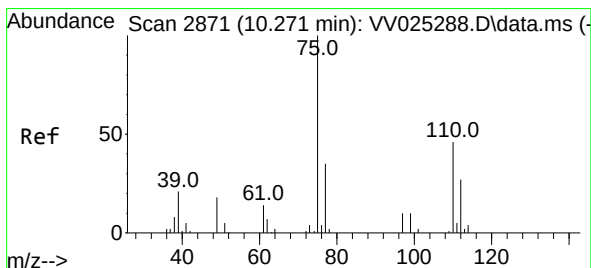
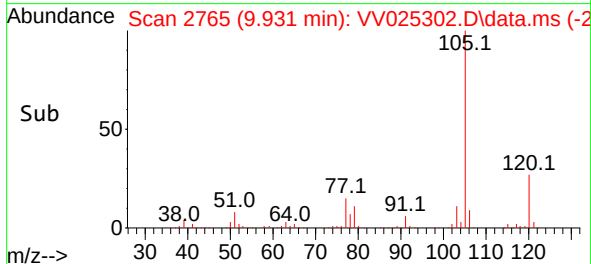
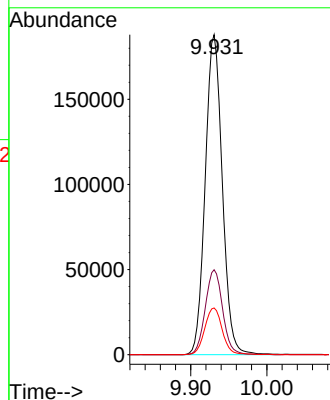
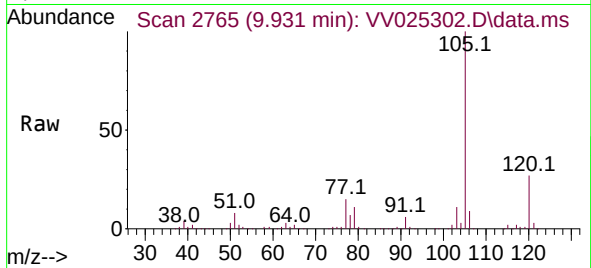




#60
Isopropylbenzene
Concen: 5.735 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

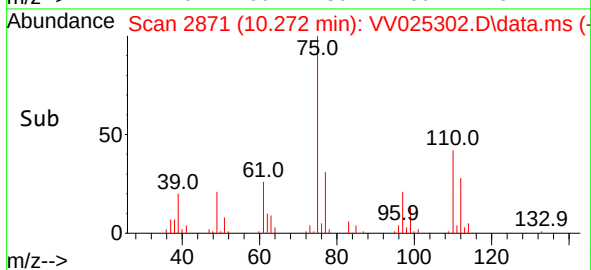
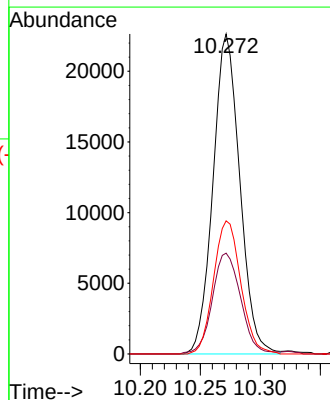
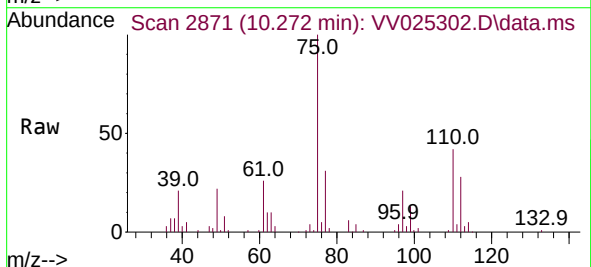
Instrument :
MSVOA_V
ClientSampleId :

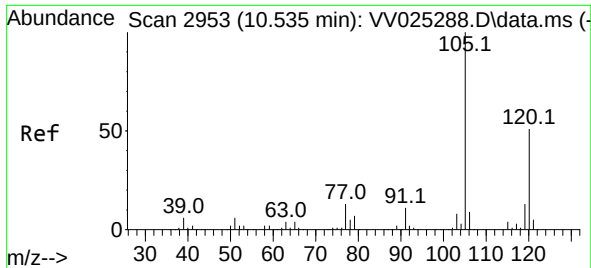
Tgt Ion:105 Resp: 293387
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 6.019 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion: 75 Resp: 35127
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
110 42.3 31.6 47.4

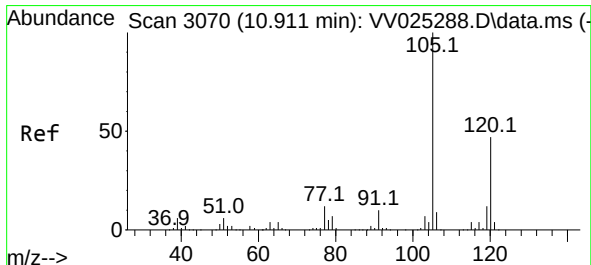
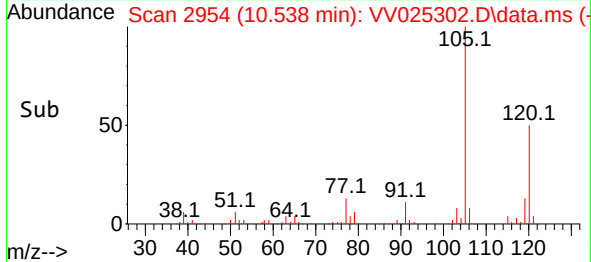
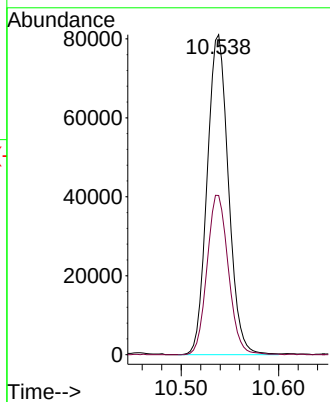
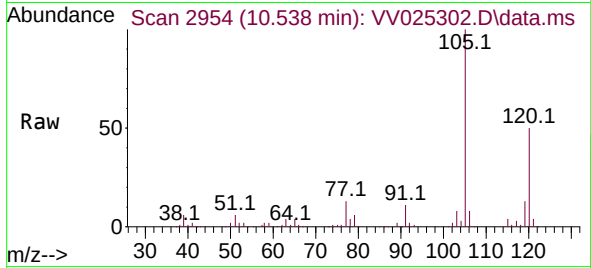




#62
 1,3,5-Trimethylbenzene
 Concen: 5.359 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

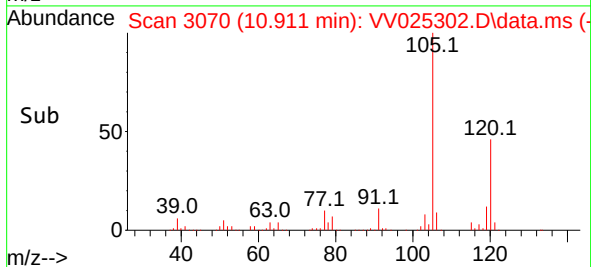
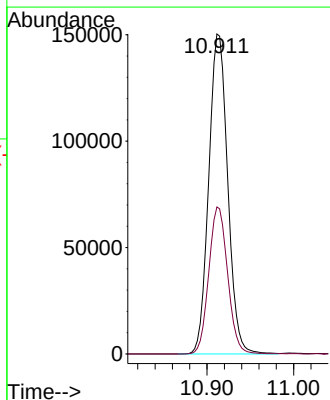
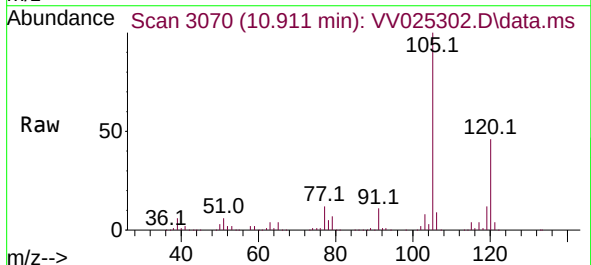
Instrument :
 MSVOA_V
 ClientSampleId :

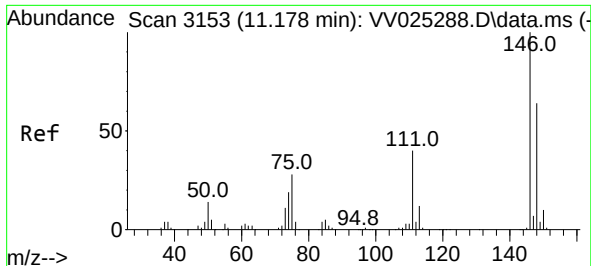
Tgt Ion:105 Resp: 122921
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.584 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Tgt Ion:105 Resp: 228551
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.5 54.7

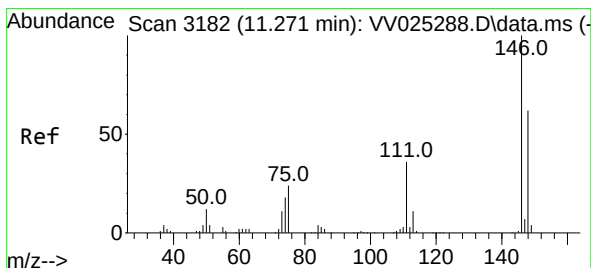
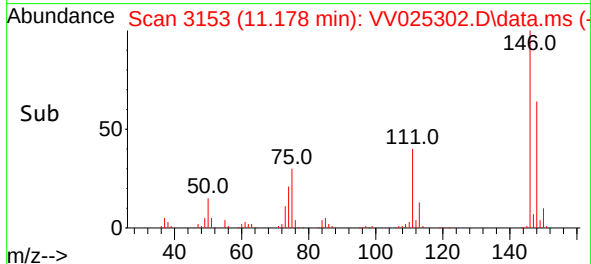
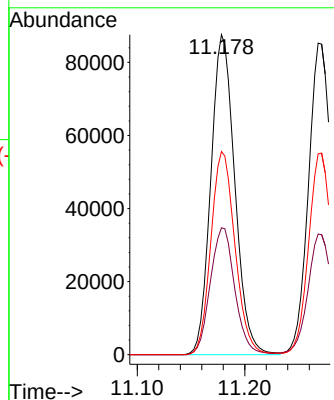
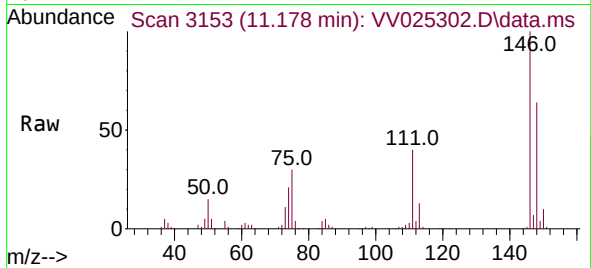




#64
1,3-Dichlorobenzene
Concen: 5.663 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

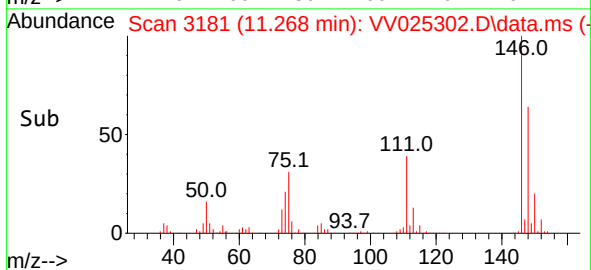
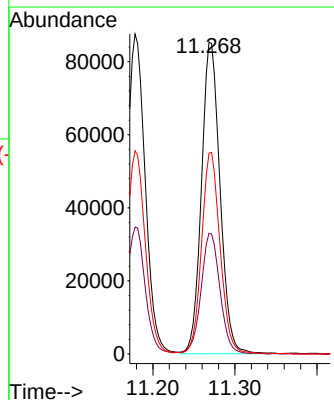
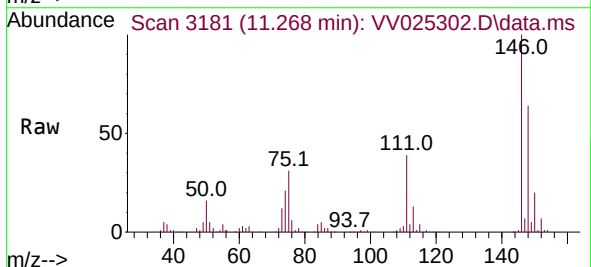
Instrument :
MSVOA_V
ClientSampleId :

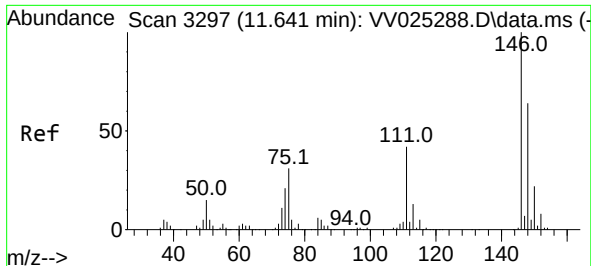
Tgt Ion:146 Resp: 135679
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 63.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.579 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion:146 Resp: 133855
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.9
148 64.5 45.6 84.8

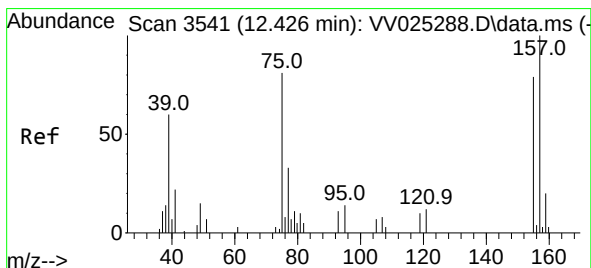
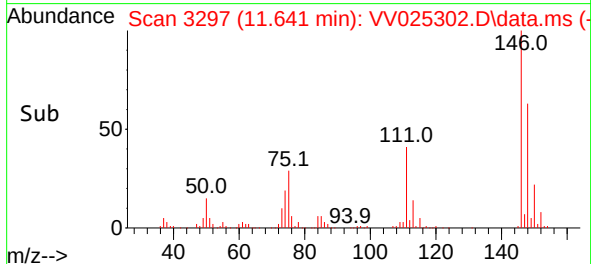
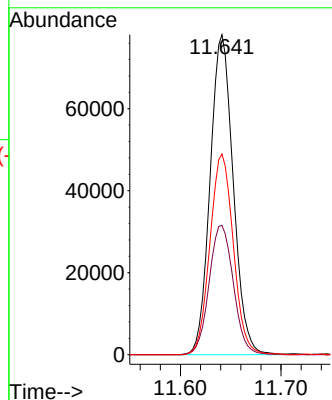
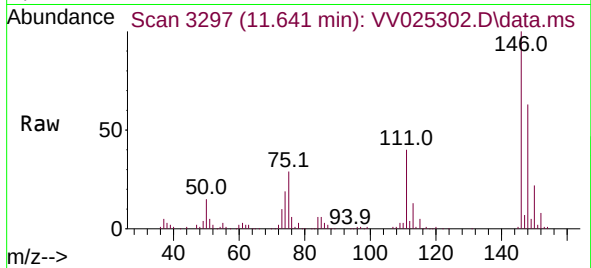




#67
1,2-Dichlorobenzene
Concen: 5.904 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

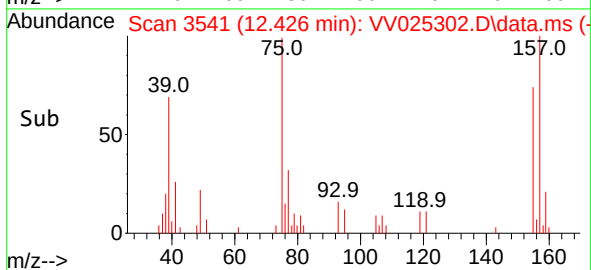
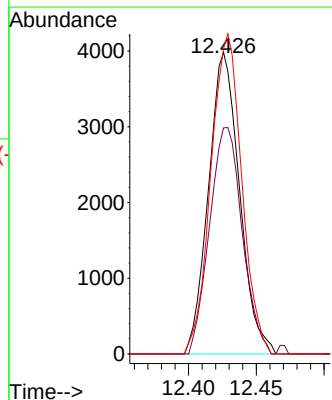
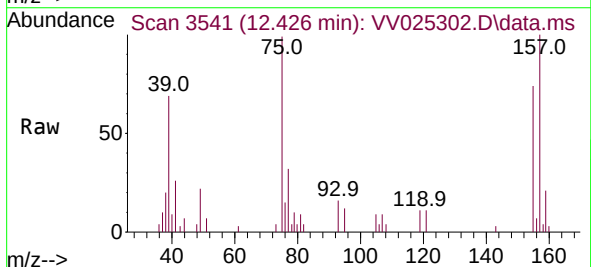
Instrument :
MSVOA_V
ClientSampleId :

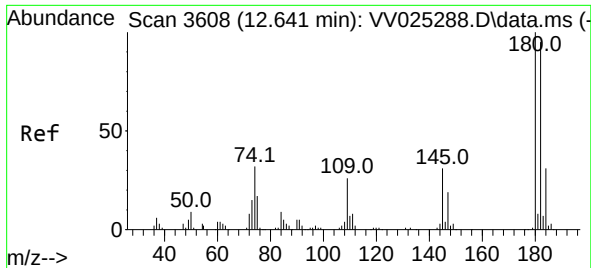
Tgt Ion:146 Resp: 124477
Ion Ratio Lower Upper
146 100
111 40.4 33.0 49.6
148 62.7 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 6.072 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

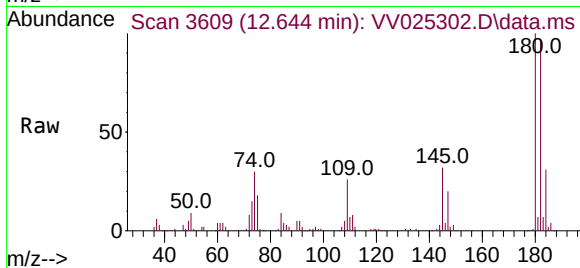
Tgt Ion: 75 Resp: 6345
Ion Ratio Lower Upper
75 100
155 75.0 80.0 120.0#
157 101.3 94.5 141.7



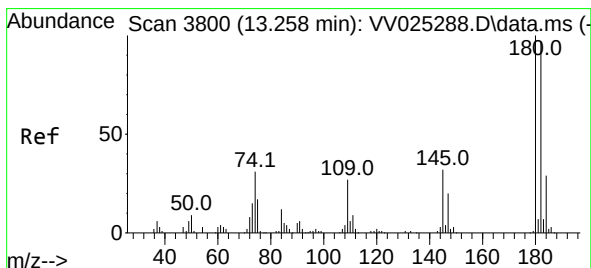
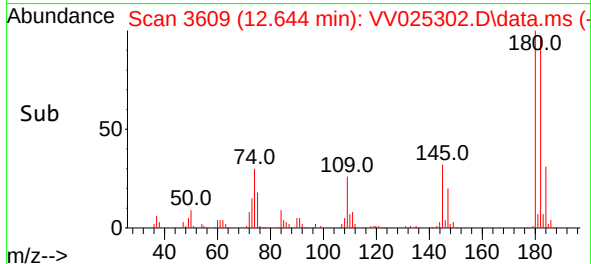
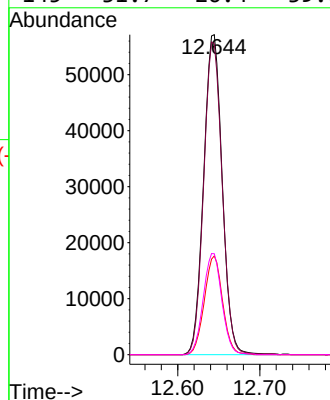


#69
 1,3,5-Trichlorobenzene
 Concen: 5.189 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Instrument :
 MSVOA_V
 ClientSampleId :

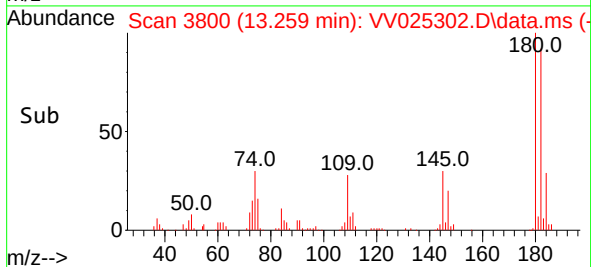
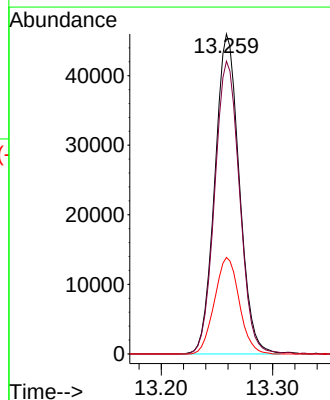
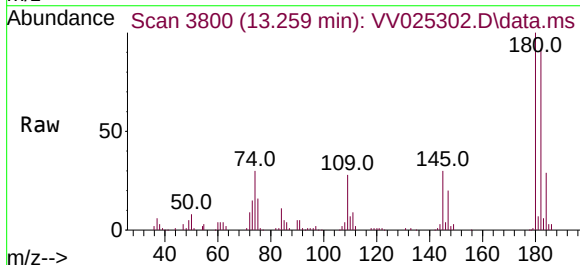


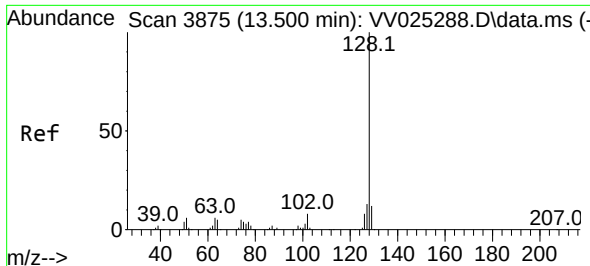
Tgt Ion:180 Resp: 89680
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.1 115.7
 184 30.4 23.6 35.4
 145 31.7 26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.384 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025302.D
 Acq: 29 Mar 2022 18:47

Tgt Ion:180 Resp: 70216
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.5 116.3
 145 30.5 26.2 39.4

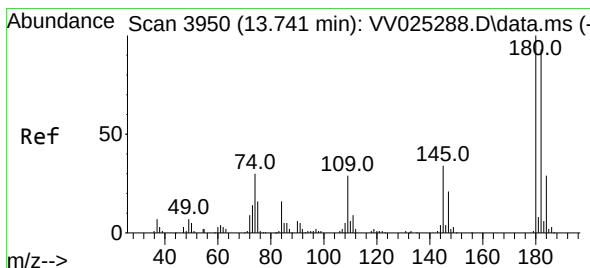
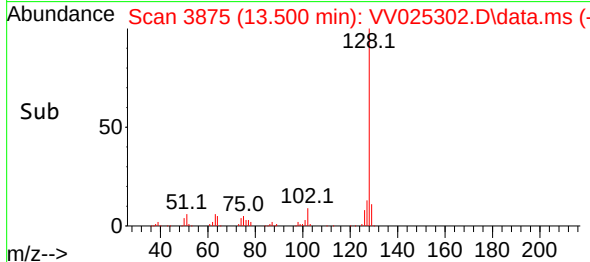
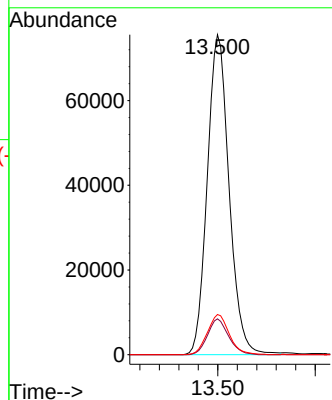
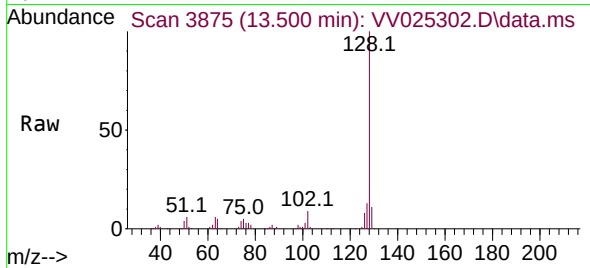




#71
Naphthalene
Concen: 5.785 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 117576
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.640 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025302.D
Acq: 29 Mar 2022 18:47

Tgt Ion:180 Resp: 63369
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 33.0 28.6 42.8

