

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030302.D
 Acq On : 23 Mar 2023 10:56
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010231

Quant Time: Mar 24 02:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	138518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	94794	10.132	ug/L	0.00
7) Chloroethane-d5	1.536	69	89855	9.896	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	63	227226	10.235	ug/L	0.00
20) 2-Butanone-d5	3.844	46	273405	118.949	ug/L	0.00
24) Chloroform-d	4.262	84	235049	10.380	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.954	65	113374	10.611	ug/L	0.00
32) Benzene-d6	4.970	84	428734	10.984	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	131960	10.798	ug/L	0.00
41) Toluene-d8	7.252	98	405581	11.315	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	49654	10.792	ug/L	0.00
46) 2-Hexanone-d5	8.037	63	224686	121.528	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	103533	10.749	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	154979	10.558	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	178991	9.966	ug/L	99
3) Chloromethane	1.214	50	218007	9.620	ug/L	100
5) Vinyl chloride	1.285	62	162628	9.844	ug/L	99
6) Bromomethane	1.491	94	44239	9.389	ug/L	99
8) Chloroethane	1.552	64	92375	9.761	ug/L	99
9) Trichlorofluoromethane	1.716	101	238515	9.904	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	128099	9.637	ug/L	99
12) 1,1-Dichloroethene	2.073	96	118970	10.079	ug/L	98
13) Acetone	2.175	43	213057	96.081	ug/L	81
14) Carbon disulfide	2.243	76	397078	10.213	ug/L	100
15) Methyl Acetate	2.397	43	51416	13.471	ug/L #	78
16) Methylene chloride	2.452	84	128243	9.185	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	262579	10.503	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	123808	9.956	ug/L	99
19) 1,1-Dichloroethane	3.118	63	241279	10.009	ug/L	98
21) 2-Butanone	3.915	43	302682	108.751	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	132090	10.584	ug/L	98
23) Bromochloromethane	4.159	128	58041	9.958	ug/L	97
25) Chloroform	4.288	83	245034	10.058	ug/L	96
27) 1,2-Dichloroethane	5.053	62	151683	10.298	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	224328	10.076	ug/L	98
30) Cyclohexane	4.593	56	219002	10.798	ug/L	99
31) Carbon tetrachloride	4.745	117	201631	9.981	ug/L	98
33) Benzene	5.021	78	525075	10.672	ug/L	100
34) Trichloroethene	5.841	95	136542	10.290	ug/L	99
35) Methylcyclohexane	6.060	83	226931	10.896	ug/L	99
37) 1,2-Dichloropropane	6.101	63	137482	10.885	ug/L	98
38) Bromodichloromethane	6.442	83	168485	10.186	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	189790	10.686	ug/L	98
40) 4-Methyl-2-pentanone	7.172	43	743438	111.700	ug/L	99
42) Toluene	7.323	91	577818	11.027	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	158091	10.461	ug/L	98

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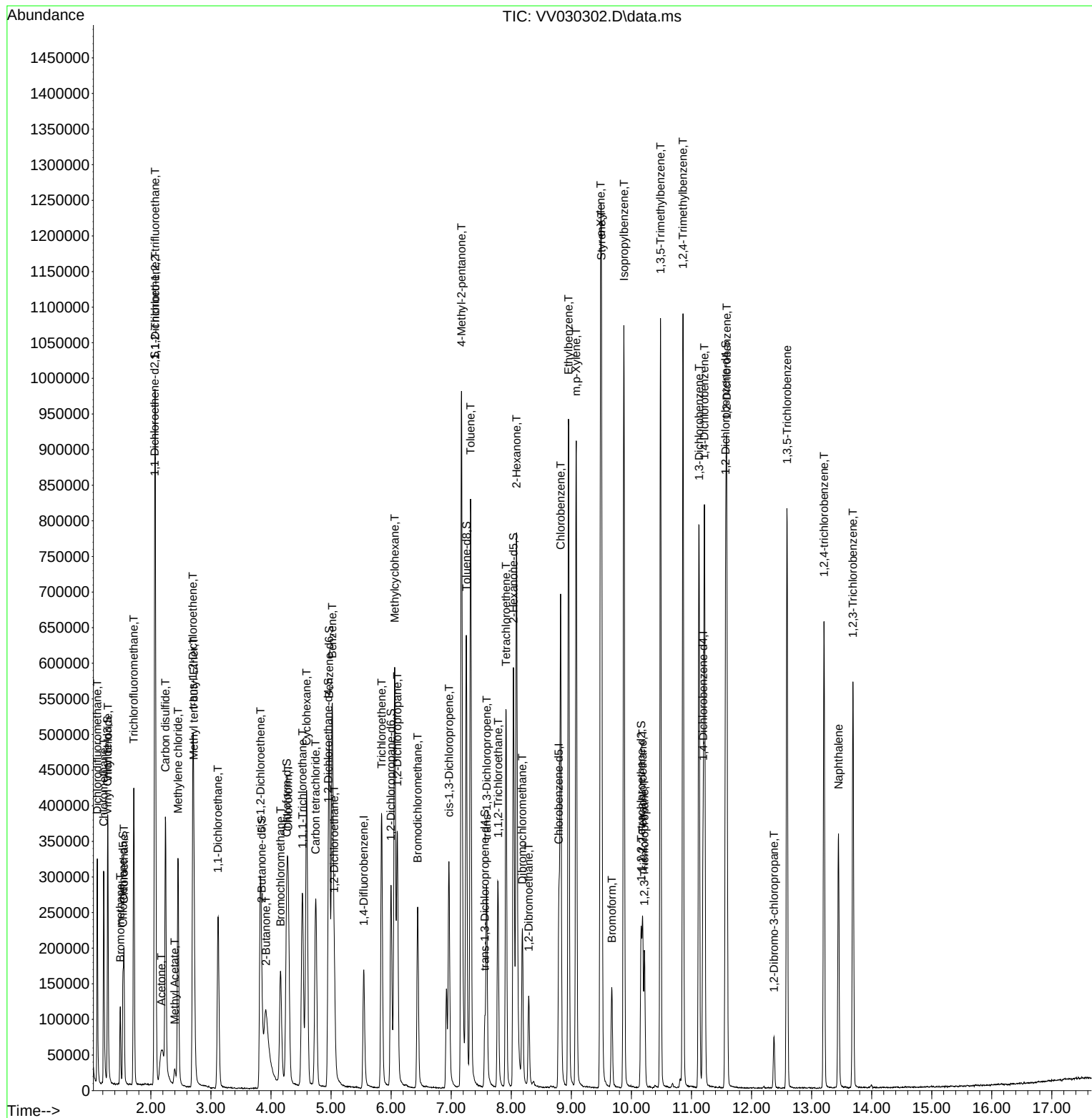
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.780	97	90658	10.194	ug/L	98
47) Tetrachloroethene	7.915	164	116755	9.970	ug/L	95
48) 2-Hexanone	8.088	43	561132	112.503	ug/L	99
49) Dibromochloromethane	8.185	129	108442	10.244	ug/L	95
50) 1,2-Dibromoethane	8.291	107	83947	10.375	ug/L	96
51) Chlorobenzene	8.822	112	351520	10.476	ug/L	99
52) Ethylbenzene	8.953	91	631082	11.007	ug/L	98
53) m,p-Xylene	9.082	106	241488	11.003	ug/L	98
54) o-Xylene	9.487	106	230089	10.957	ug/L	96
55) Styrene	9.503	104	405206	11.360	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	107304	10.165	ug/L	99
59) Bromoform	9.674	173	63053	9.499	ug/L	99
60) Isopropylbenzene	9.876	105	640717	10.579	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	70440	9.594	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	529831	10.721	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	552251	10.965	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	310693	10.288	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	310012	10.189	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	284156	10.441	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	16853	9.228	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	241688	10.394	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	189391	10.549	ug/L	98
71) Naphthalene	13.448	128	269941	10.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.690	180	168543	10.836	ug/L	98

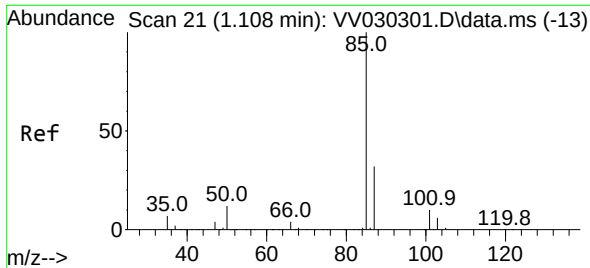
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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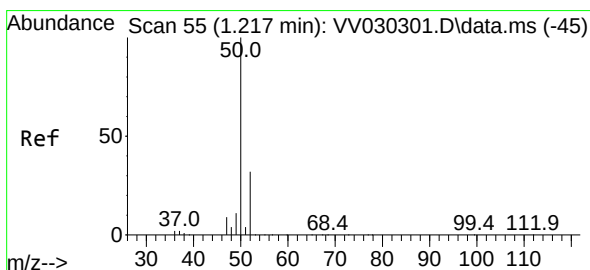
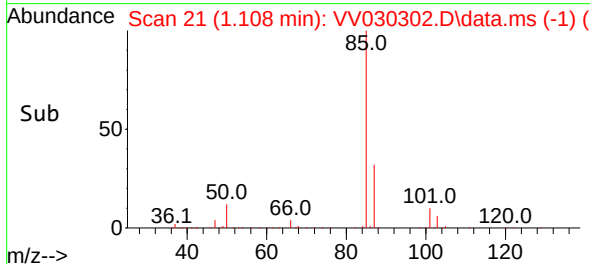
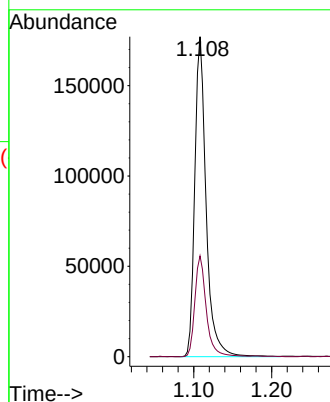
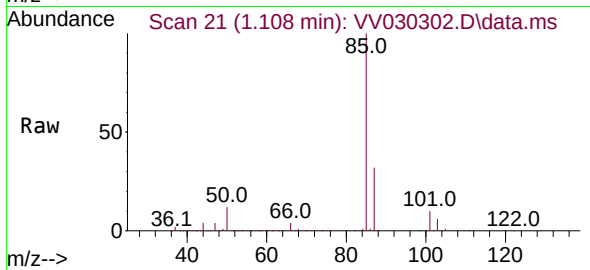




#2
Dichlorodifluoromethane
Concen: 9.966 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

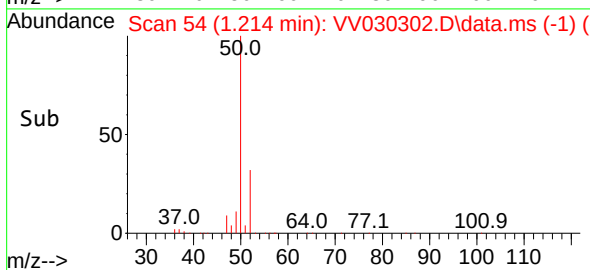
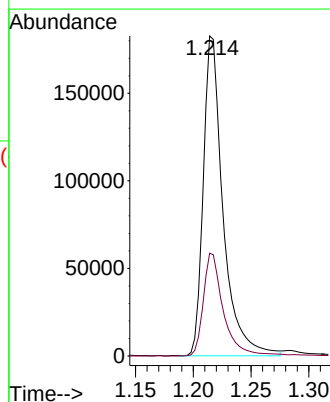
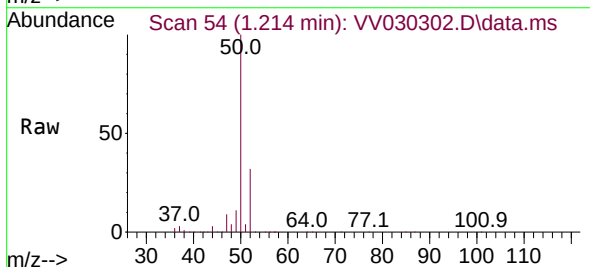
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

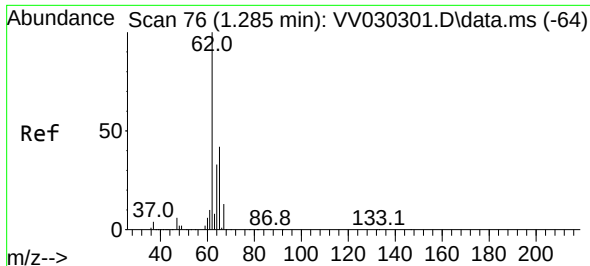
Tgt Ion: 85 Resp: 178991
Ion Ratio Lower Upper
85 100
87 31.7 25.6 38.4



#3
Chloromethane
Concen: 9.620 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 50 Resp: 218007
Ion Ratio Lower Upper
50 100
52 32.1 22.3 41.5

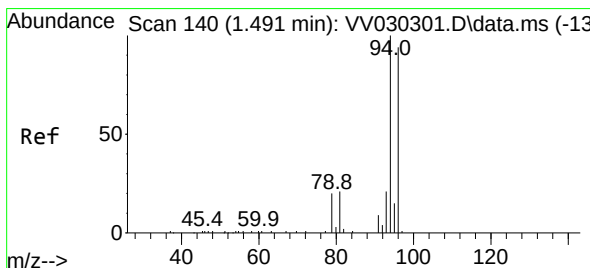
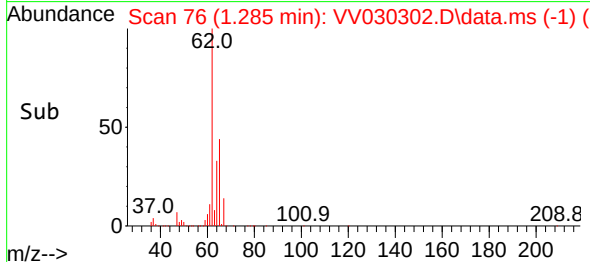
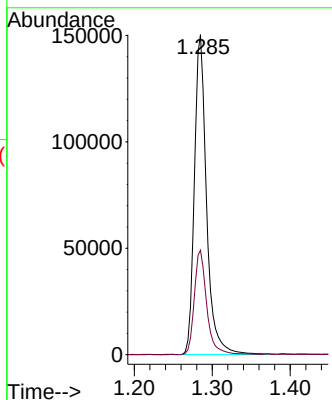
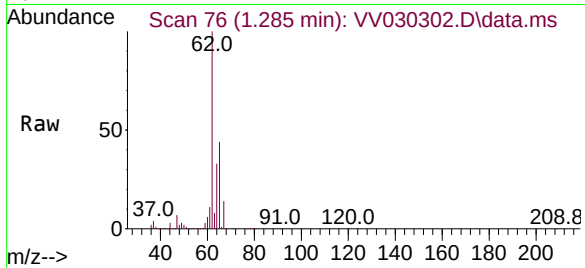




#5
 Vinyl chloride
 Concen: 9.844 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030302.D
 Acq: 23 Mar 2023 10:56

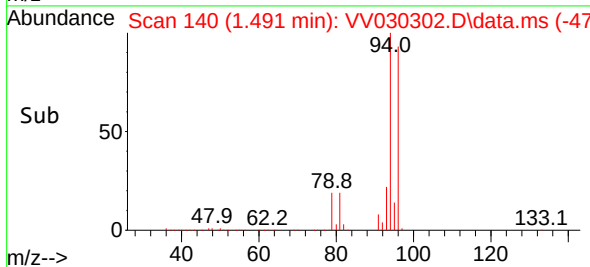
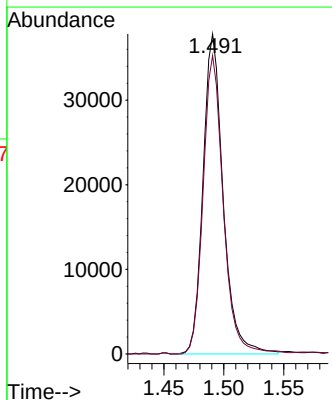
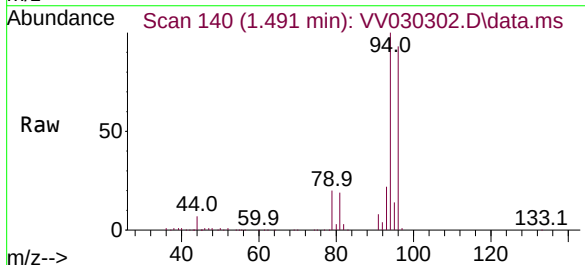
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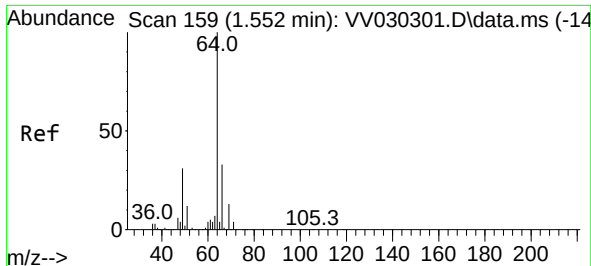
Tgt Ion: 62 Resp: 162628
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 9.389 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030302.D
 Acq: 23 Mar 2023 10:56

Tgt Ion: 94 Resp: 44239
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.1 122.7

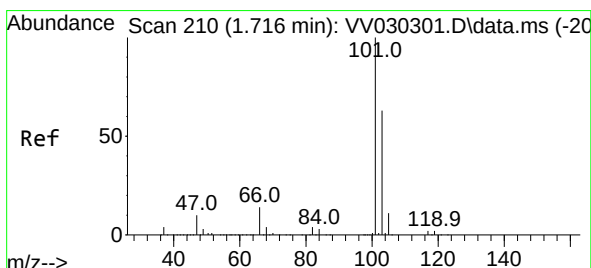
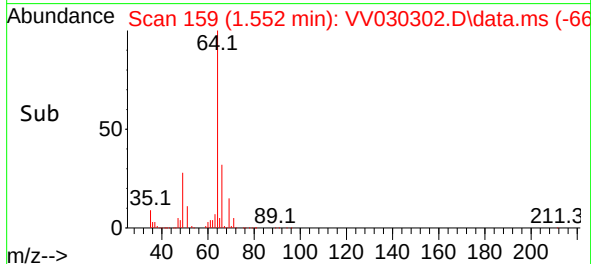
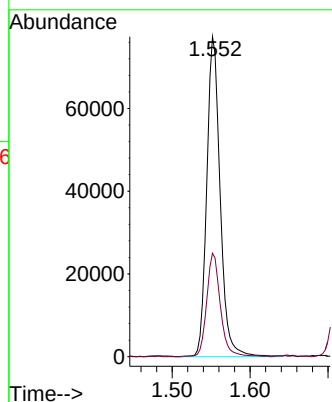
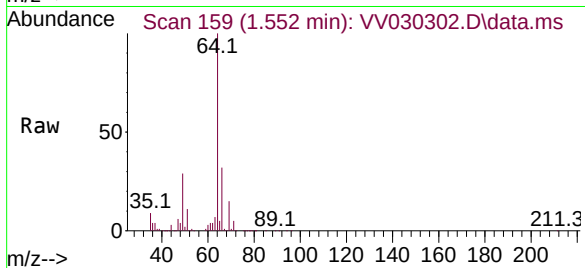




#8
Chloroethane
Concen: 9.761 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

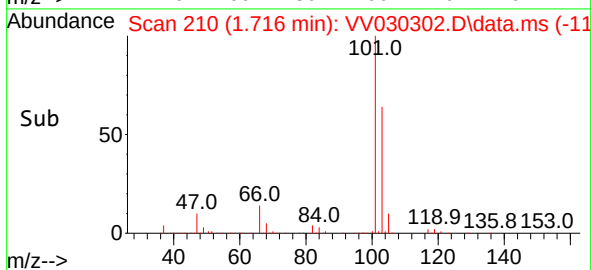
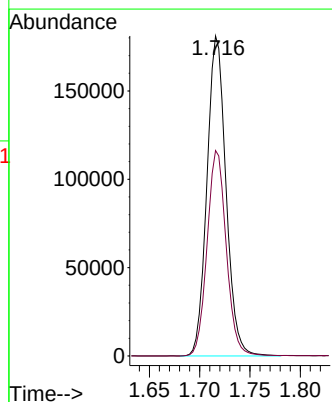
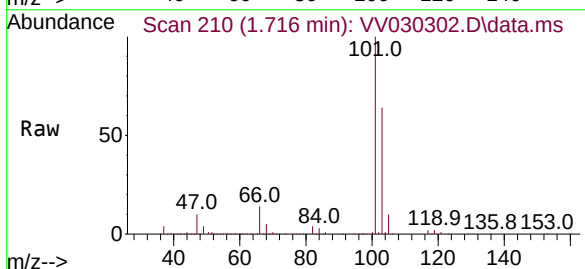
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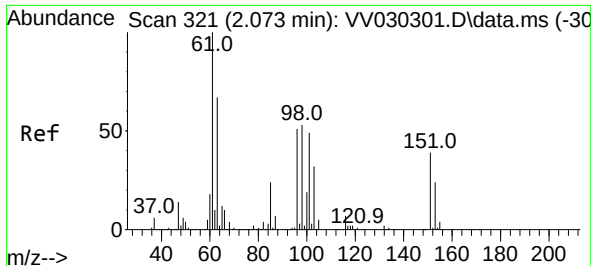
Tgt Ion: 64 Resp: 92375
Ion Ratio Lower Upper
64 100
66 32.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 9.904 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion:101 Resp: 238515
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

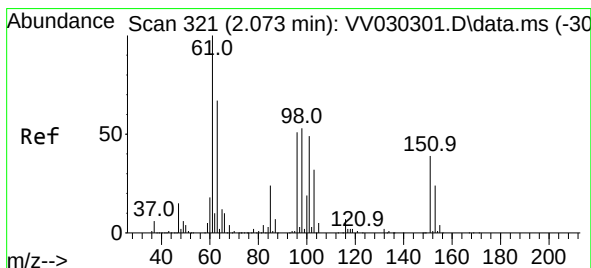
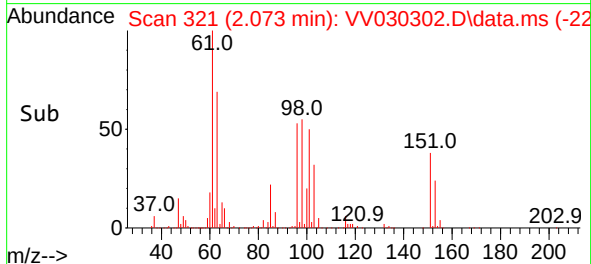
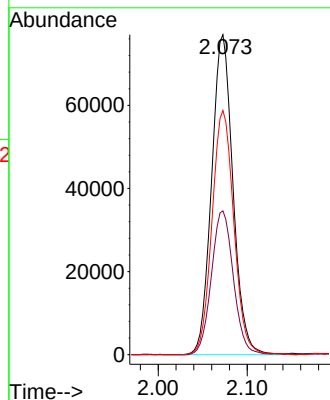
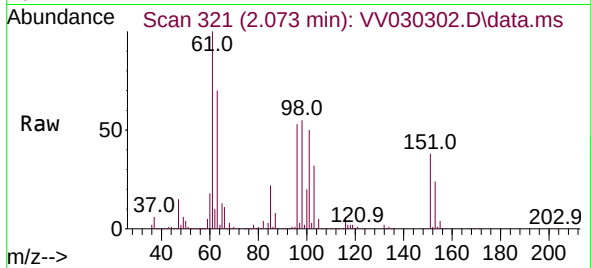




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.637 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030302.D
 Acq: 23 Mar 2023 10:56

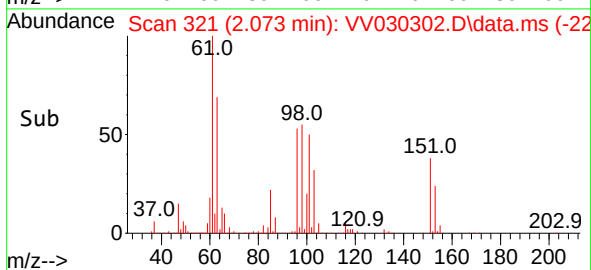
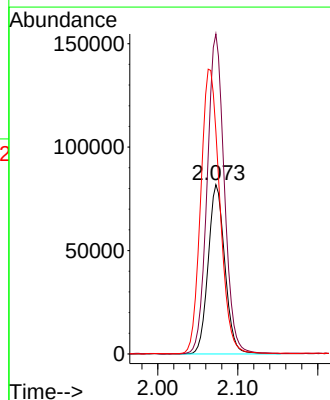
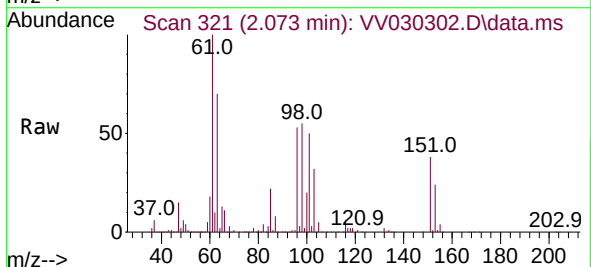
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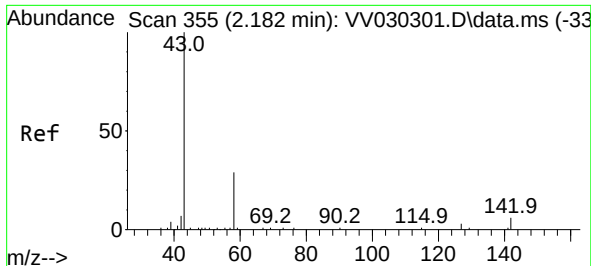
Tgt Ion:101 Resp: 128099
 Ion Ratio Lower Upper
 101 100
 85 46.2 38.1 57.1
 151 78.2 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 10.079 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030302.D
 Acq: 23 Mar 2023 10:56

Tgt Ion: 96 Resp: 118970
 Ion Ratio Lower Upper
 96 100
 61 189.0 136.3 253.1
 63 131.5 92.1 171.1





#13

Acetone

Concen: 96.081 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV030302.D

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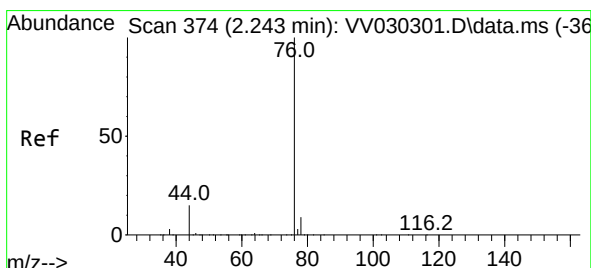
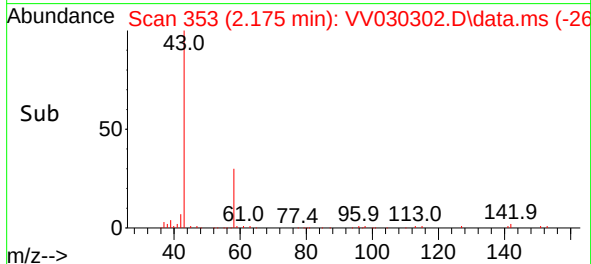
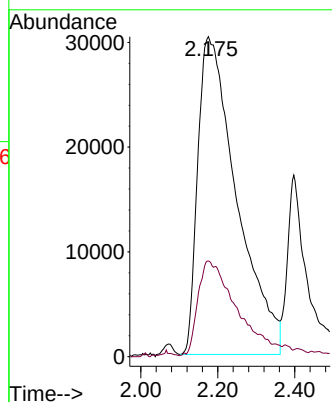
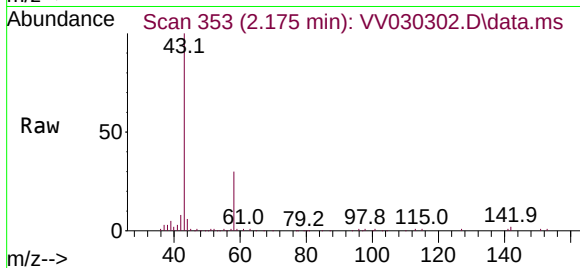
VSTD010231

Tgt Ion: 43 Resp: 213057

Ion Ratio Lower Upper

43 100

58 29.0 0.0 40.8



#14

Carbon disulfide

Concen: 10.213 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV030302.D

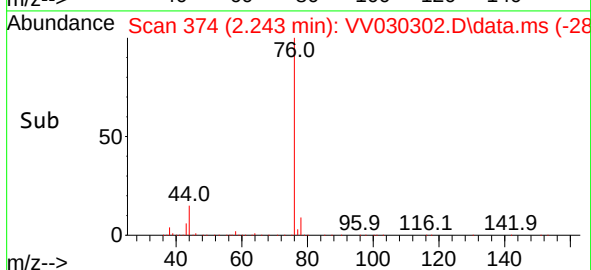
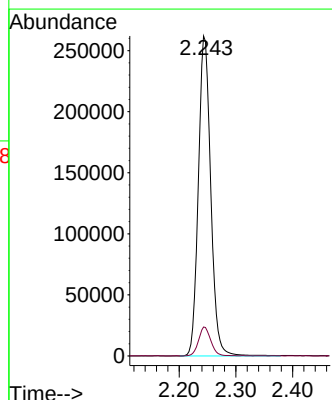
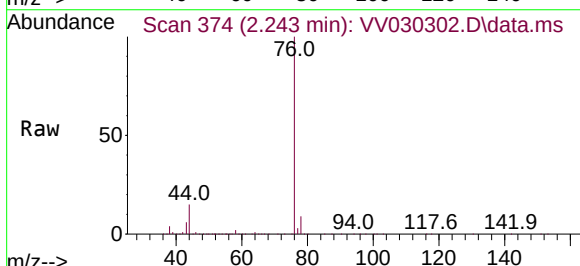
Acq: 23 Mar 2023 10:56

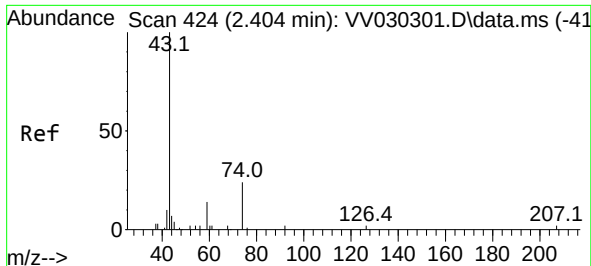
Tgt Ion: 76 Resp: 397078

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

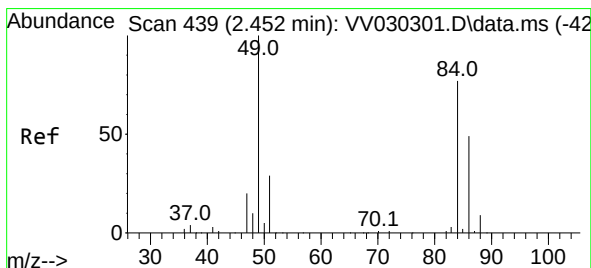
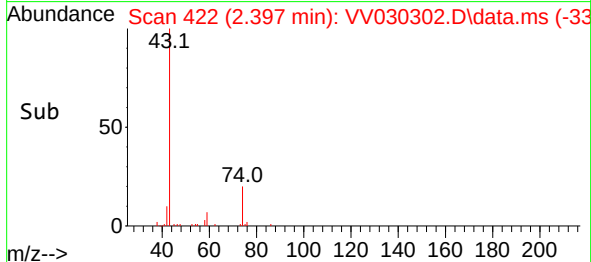
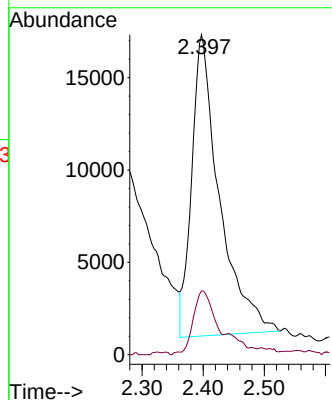
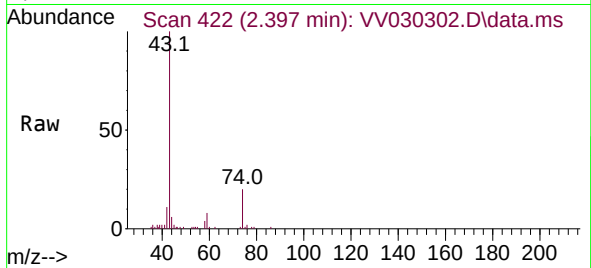




#15
Methyl Acetate
Concen: 13.471 ug/L
RT: 2.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

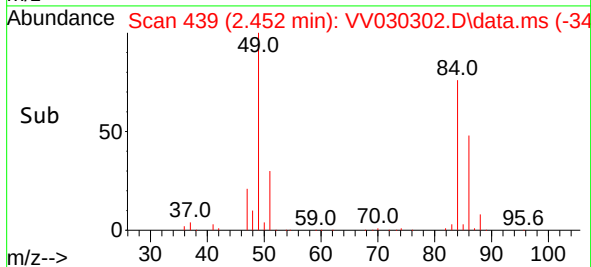
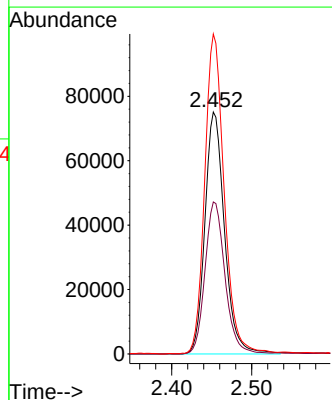
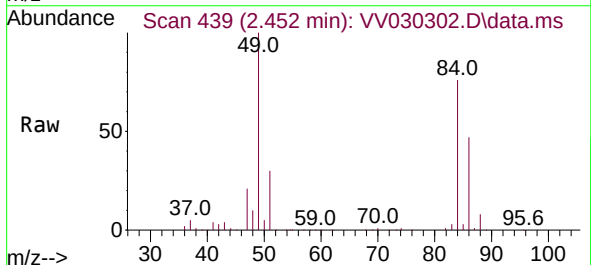
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

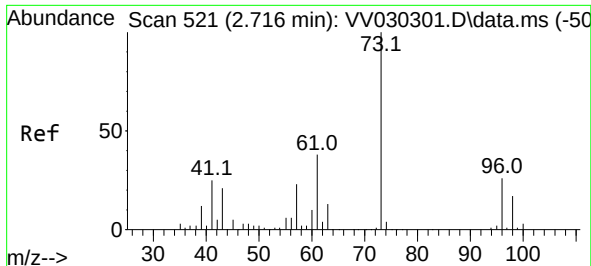
Tgt Ion: 43 Resp: 51416
Ion Ratio Lower Upper
43 100
74 16.2 22.1 33.1#



#16
Methylene chloride
Concen: 9.185 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 84 Resp: 128243
Ion Ratio Lower Upper
84 100
86 62.8 44.0 81.6
49 132.2 90.6 168.3

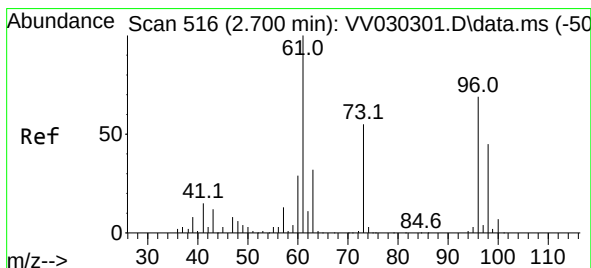
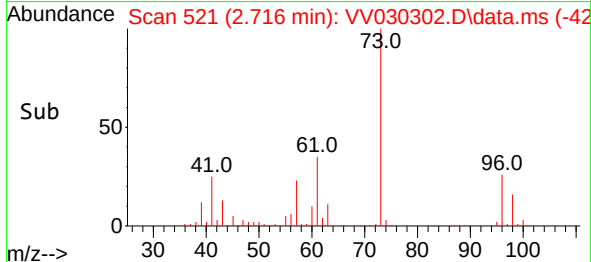
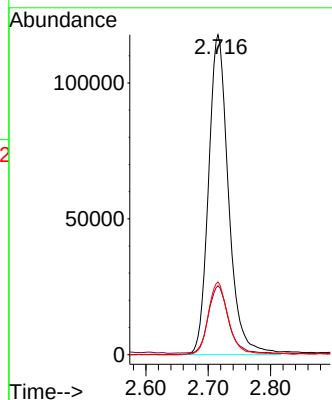
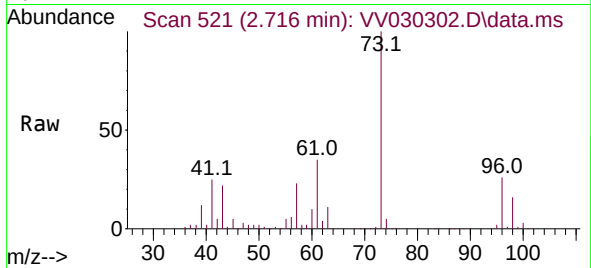




#17
Methyl tert-butyl Ether
Concen: 10.503 ug/L
RT: 2.716 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

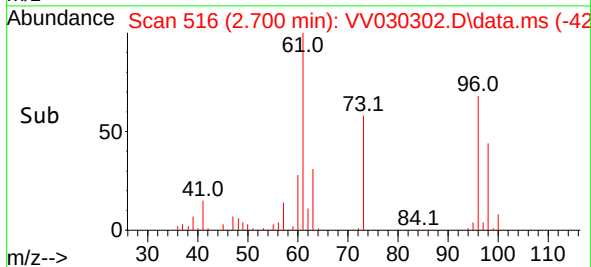
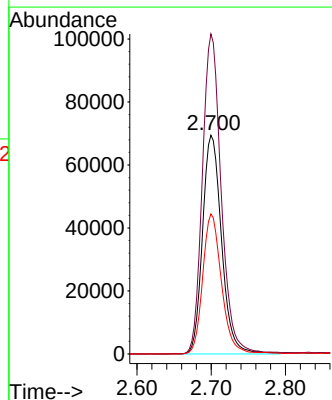
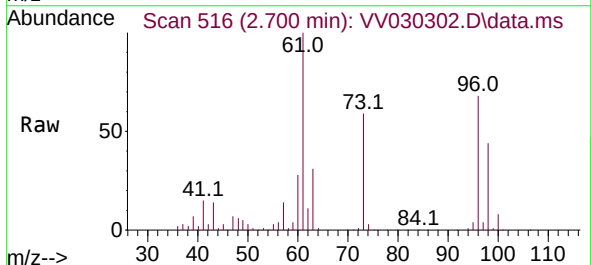
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

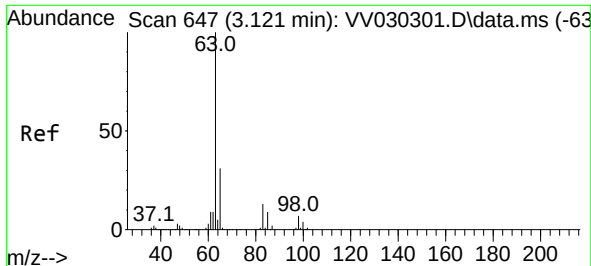
Tgt Ion: 73 Resp: 262579
Ion Ratio Lower Upper
73 100
43 21.0 17.4 26.2
57 22.8 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 9.956 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 96 Resp: 123808
Ion Ratio Lower Upper
96 100
61 146.3 101.7 188.9
98 64.0 45.8 85.2





#19

1,1-Dichloroethane

Concen: 10.009 ug/L

RT: 3.118 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

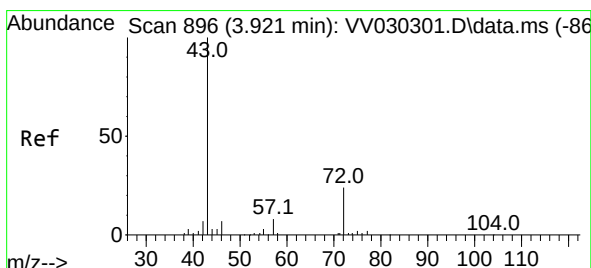
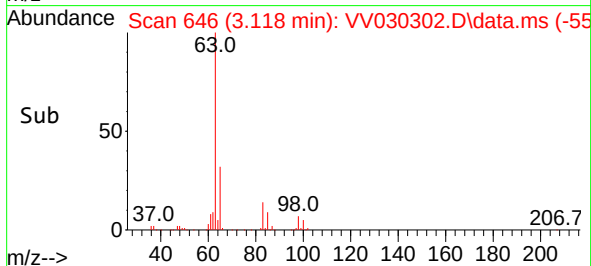
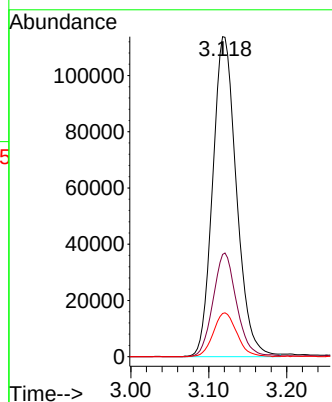
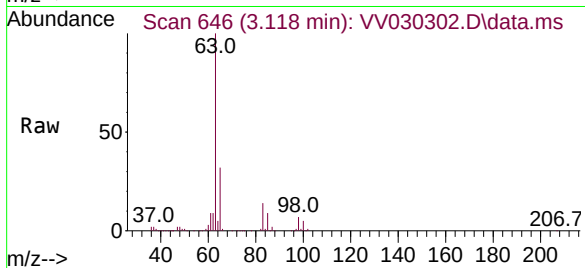
Tgt Ion: 63 Resp: 241279

Ion Ratio Lower Upper

63 100

65 32.0 21.7 40.3

83 13.5 9.1 16.9



#21

2-Butanone

Concen: 108.751 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.006 min

Lab File: VV030302.D

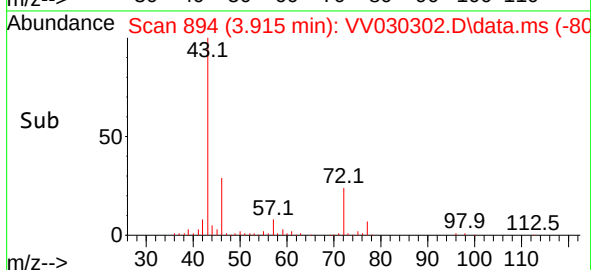
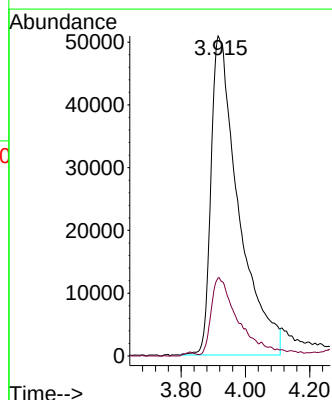
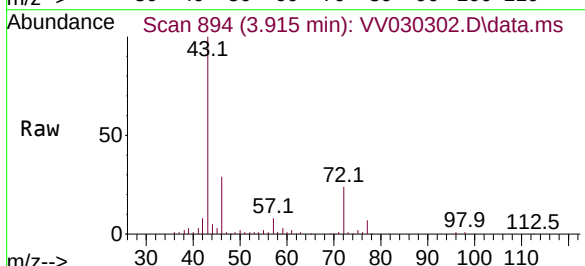
Acq: 23 Mar 2023 10:56

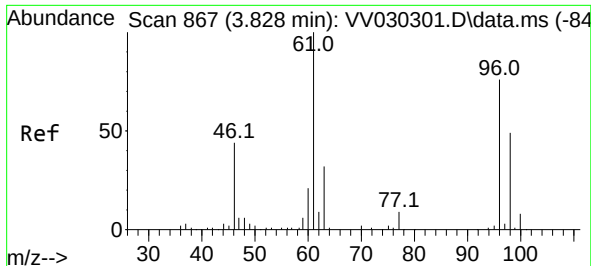
Tgt Ion: 43 Resp: 302682

Ion Ratio Lower Upper

43 100

72 21.5 11.2 33.5





#22

cis-1,2-Dichloroethene

Concen: 10.584 ug/L

RT: 3.825 min Scan# 867

Delta R.T. -0.003 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

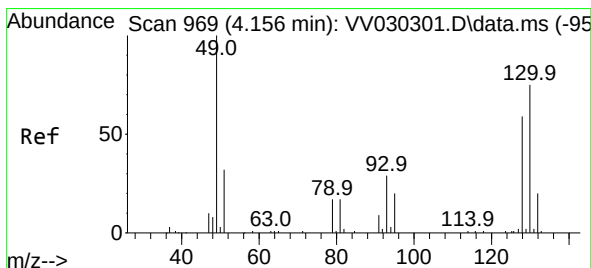
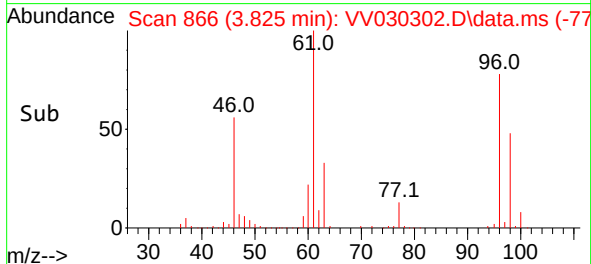
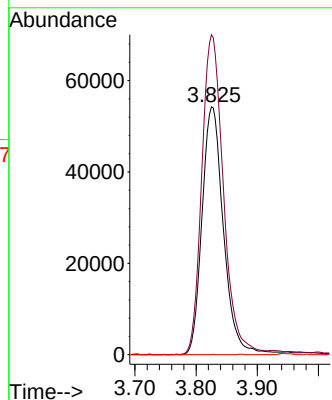
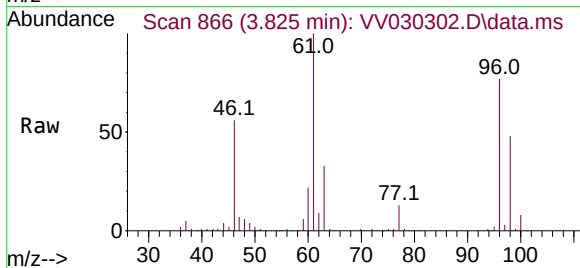
Tgt Ion: 96 Resp: 132090

Ion Ratio Lower Upper

96 100

61 129.1 92.0 170.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 9.958 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.003 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Tgt Ion: 128 Resp: 58041

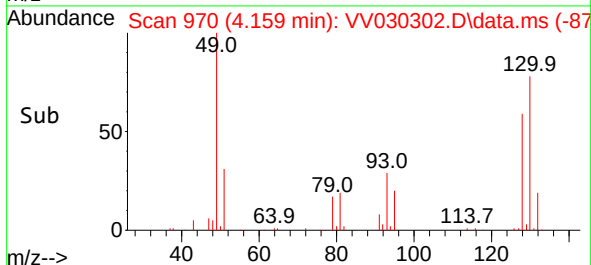
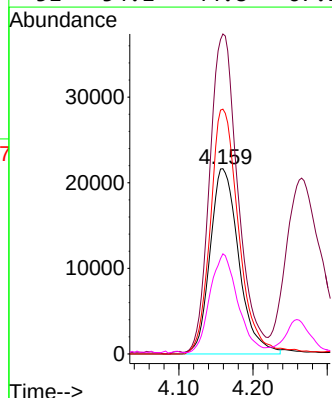
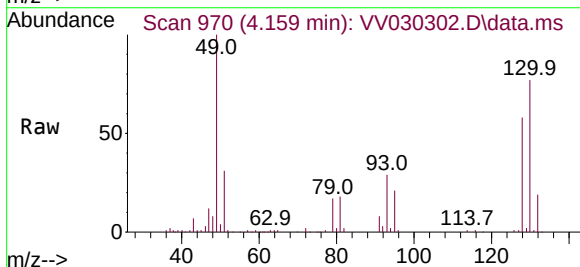
Ion Ratio Lower Upper

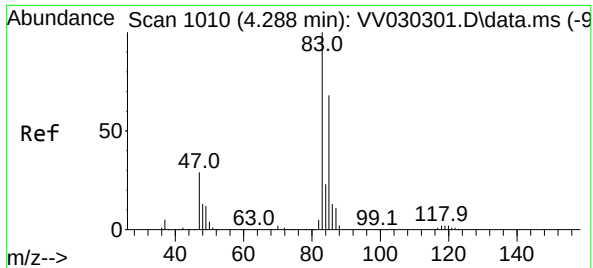
128 100

49 172.7 119.4 221.8

130 132.1 89.2 165.8

51 54.1 44.8 67.2

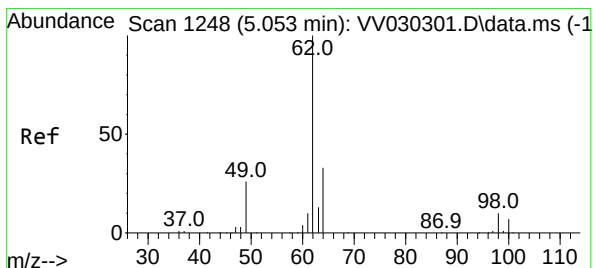
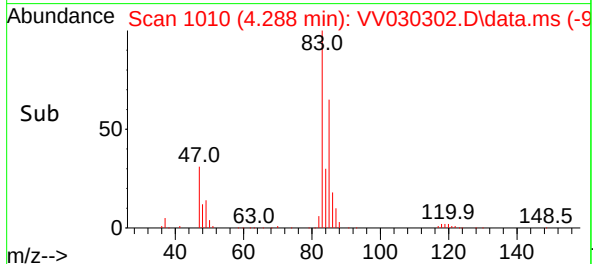
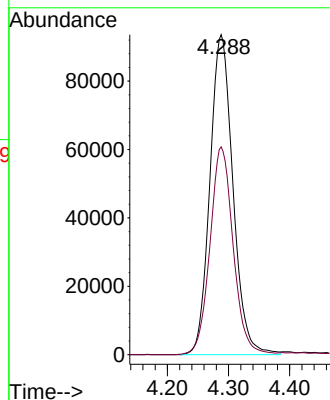
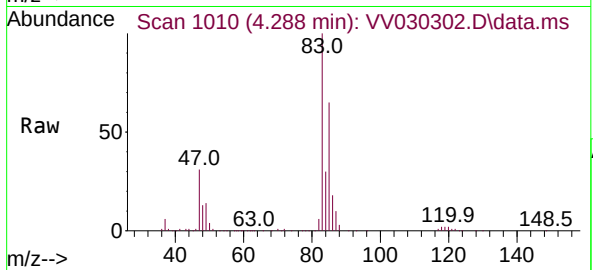




#25
Chloroform
Concen: 10.058 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

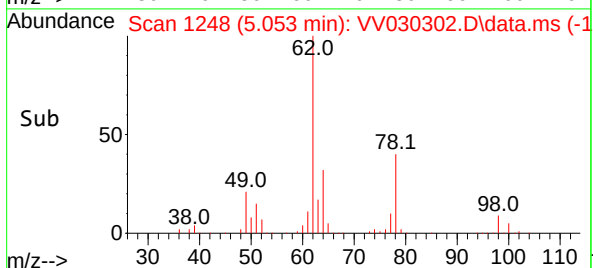
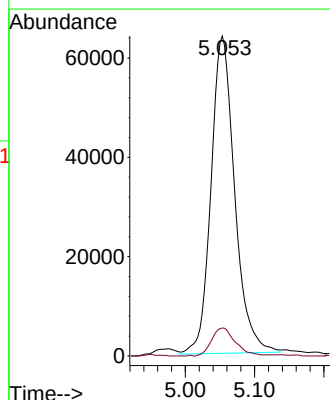
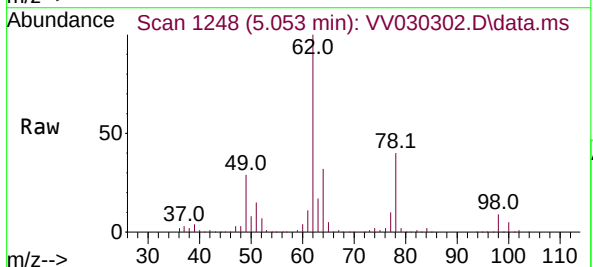
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

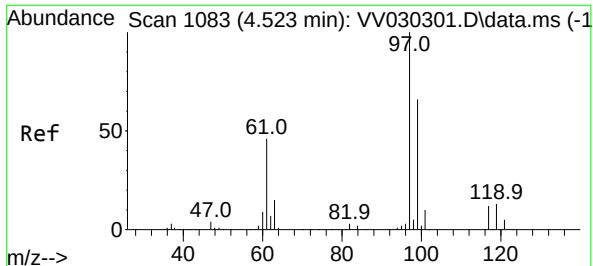
Tgt Ion: 83 Resp: 245034
Ion Ratio Lower Upper
83 100
85 65.0 47.6 88.4



#27
1,2-Dichloroethane
Concen: 10.298 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 62 Resp: 151683
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 10.076 ug/L

RT: 4.523 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

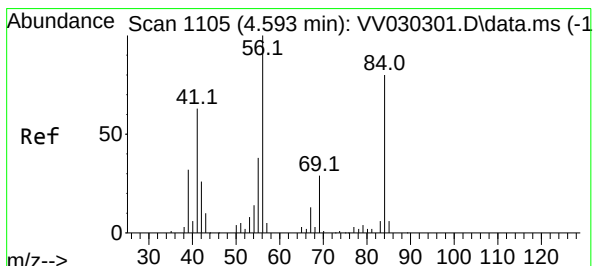
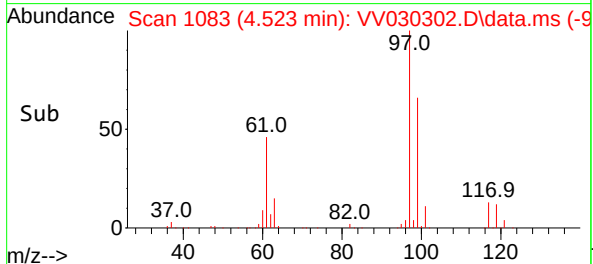
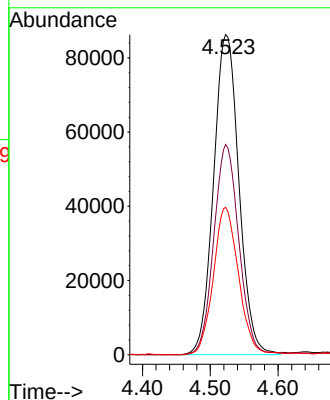
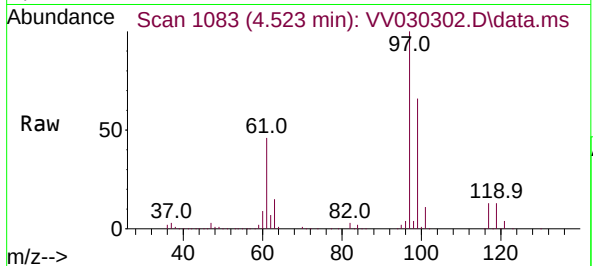
Tgt Ion: 97 Resp: 224328

Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 45.9 35.9 53.9



#30

Cyclohexane

Concen: 10.798 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

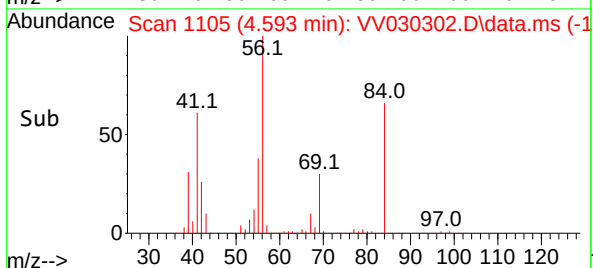
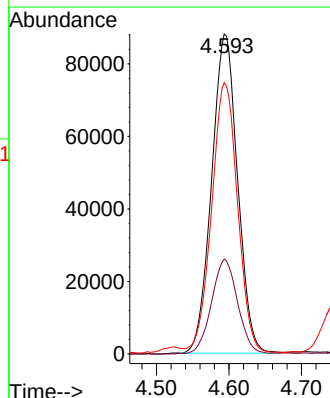
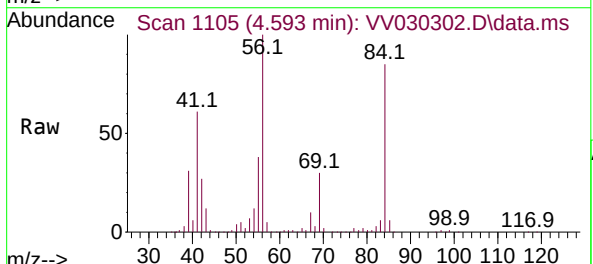
Tgt Ion: 56 Resp: 219002

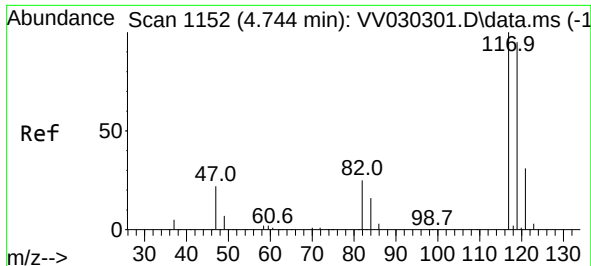
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 84.2 66.6 100.0

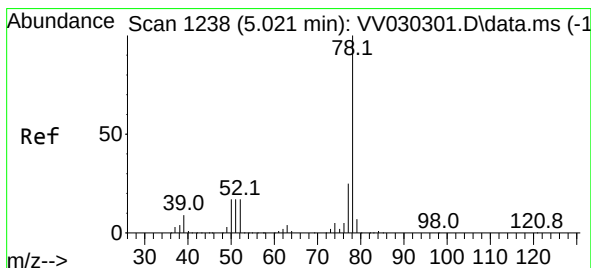
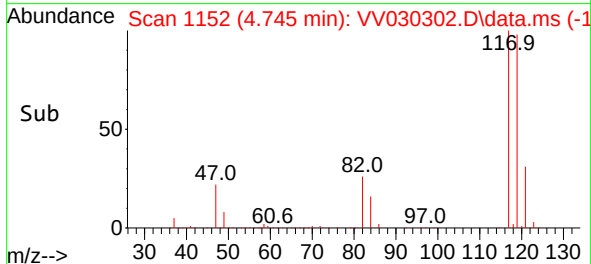
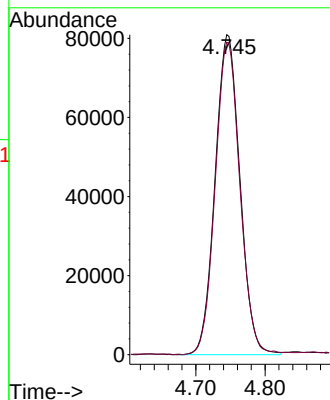
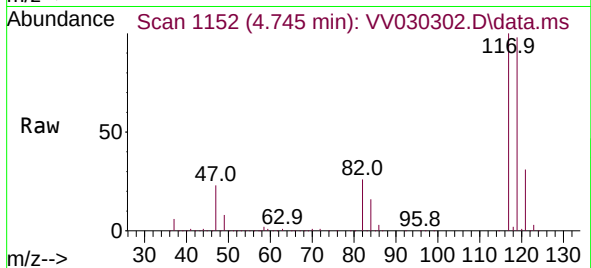




#31
Carbon tetrachloride
Concen: 9.981 ug/L
RT: 4.745 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

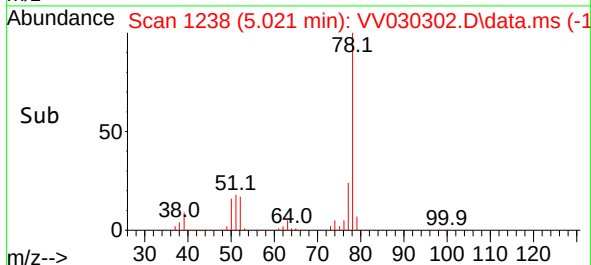
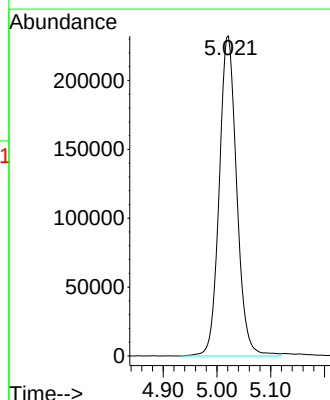
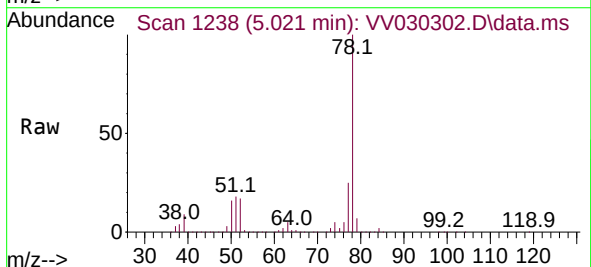
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

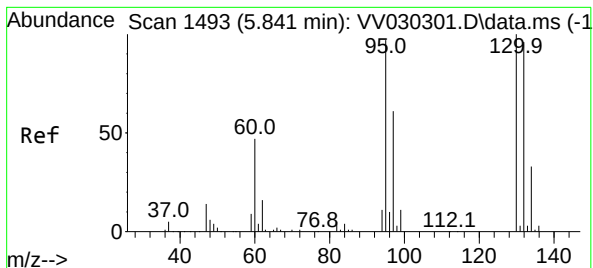
Tgt Ion:117 Resp: 201631
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4



#33
Benzene
Concen: 10.672 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 78 Resp: 525075





#34

Trichloroethene

Concen: 10.290 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

Tgt Ion: 95 Resp: 136542

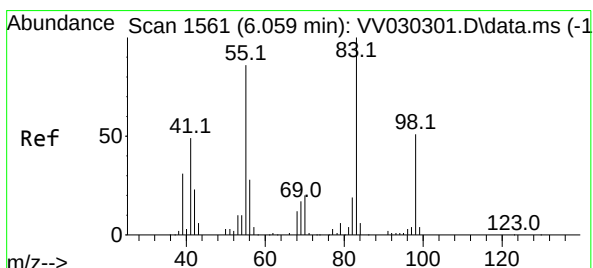
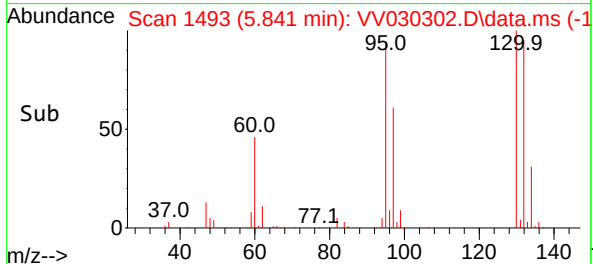
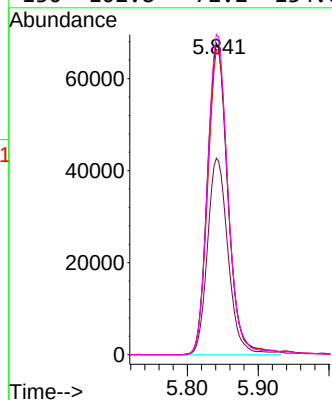
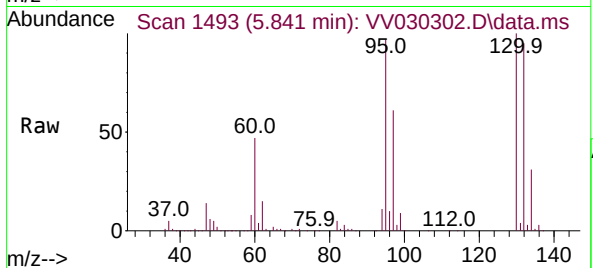
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.2

132 98.0 69.5 129.1

130 102.8 72.2 134.0



#35

Methylcyclohexane

Concen: 10.896 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

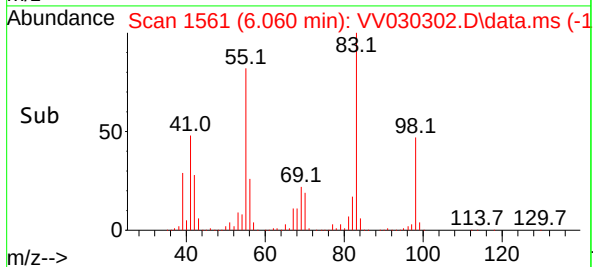
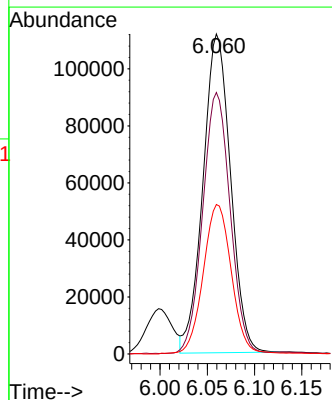
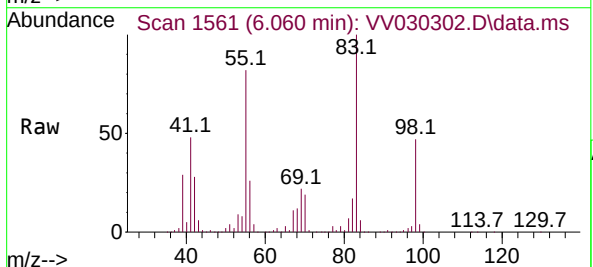
Tgt Ion: 83 Resp: 226931

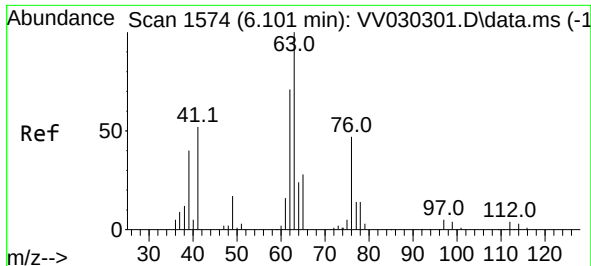
Ion Ratio Lower Upper

83 100

55 81.5 66.6 100.0

98 48.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 10.885 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

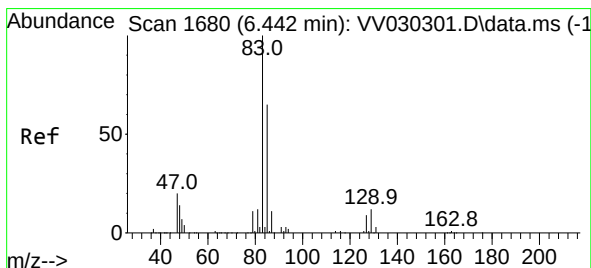
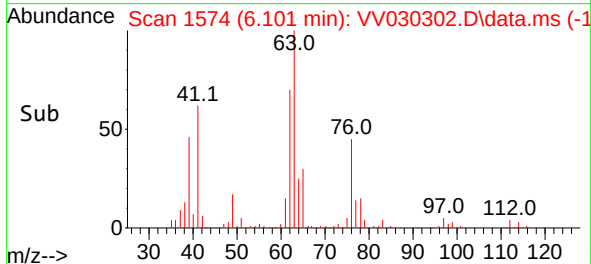
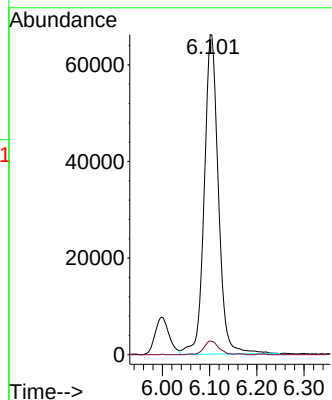
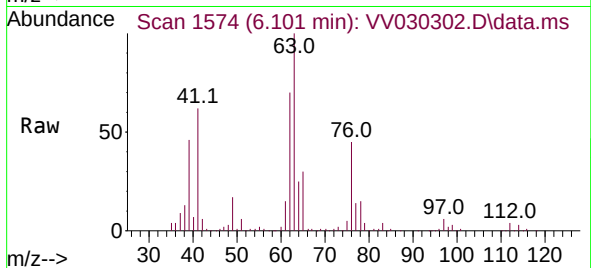
VSTD010231

Tgt Ion: 63 Resp: 137482

Ion Ratio Lower Upper

63 100

112 4.3 3.9 5.9



#38

Bromodichloromethane

Concen: 10.186 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

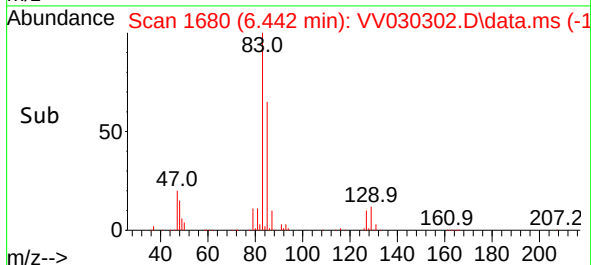
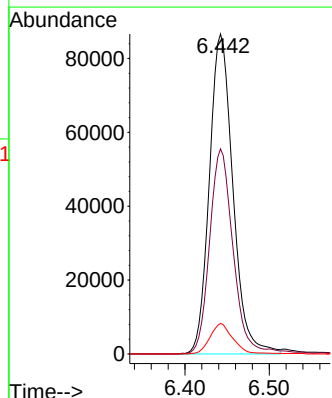
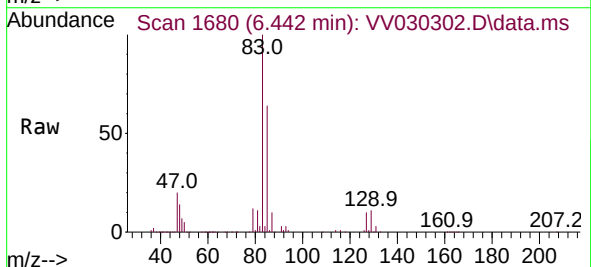
Tgt Ion: 83 Resp: 168485

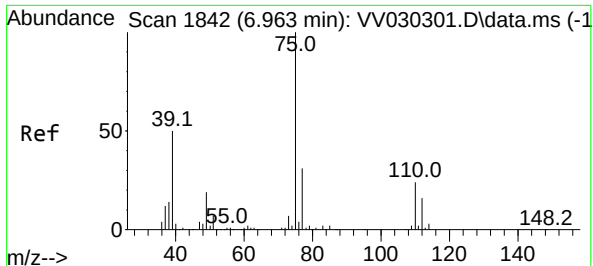
Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1

127 9.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 10.686 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

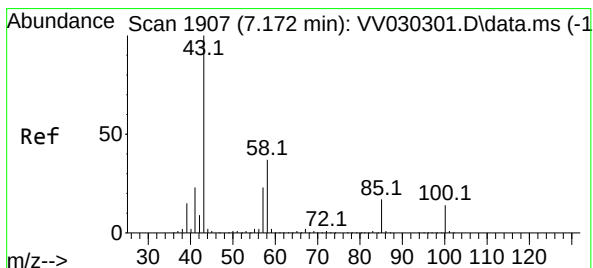
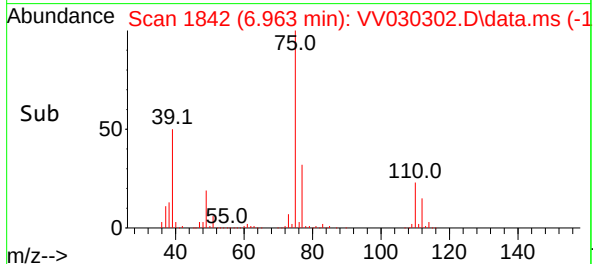
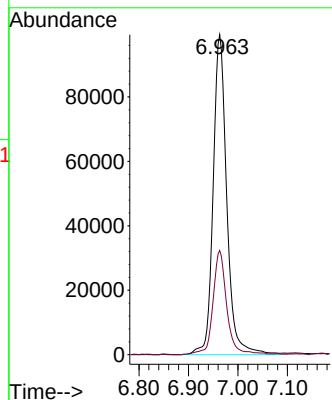
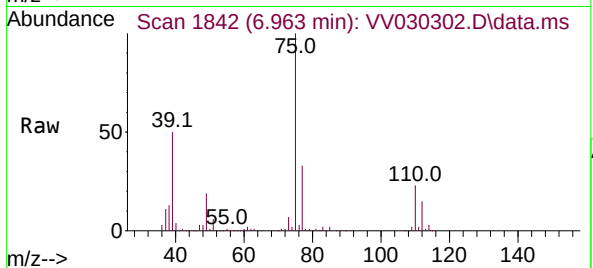
VSTD010231

Tgt Ion: 75 Resp: 189790

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 111.700 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

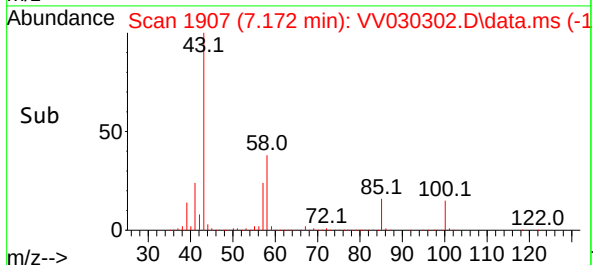
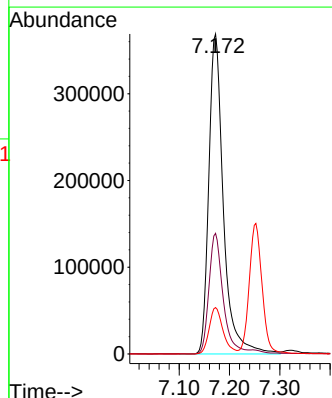
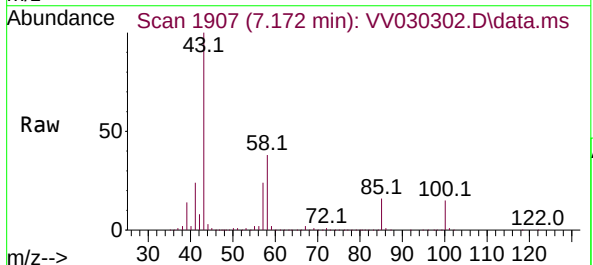
Tgt Ion: 43 Resp: 743438

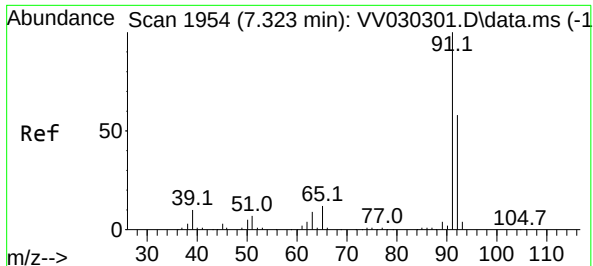
Ion Ratio Lower Upper

43 100

58 36.5 28.8 43.2

100 13.9 10.7 16.1





#42

Toluene

Concen: 11.027 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

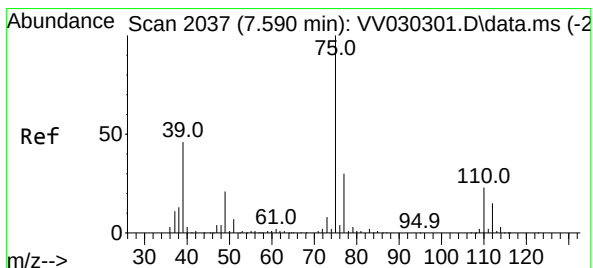
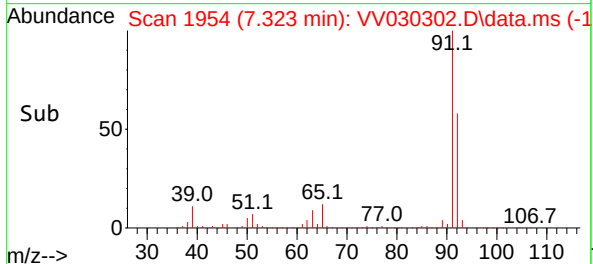
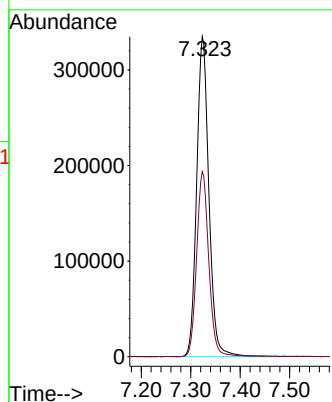
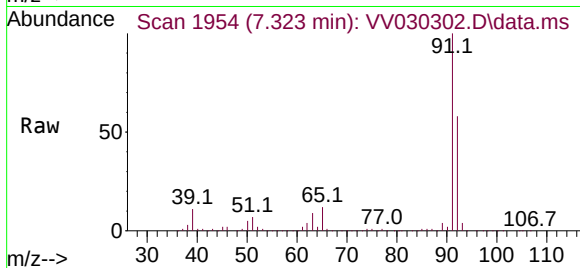
VSTD010231

Tgt Ion: 91 Resp: 577818

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 10.461 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV030302.D

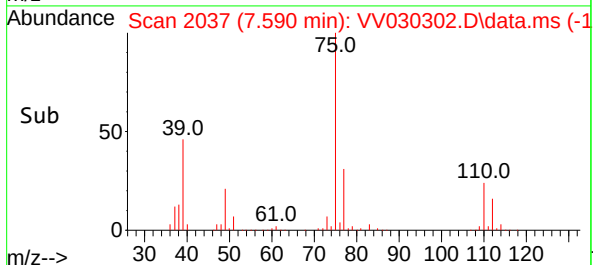
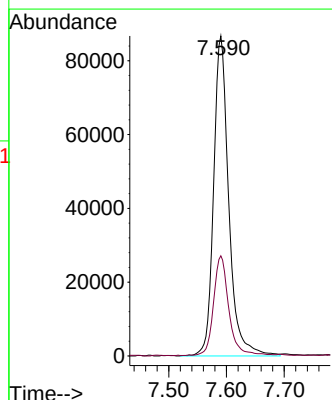
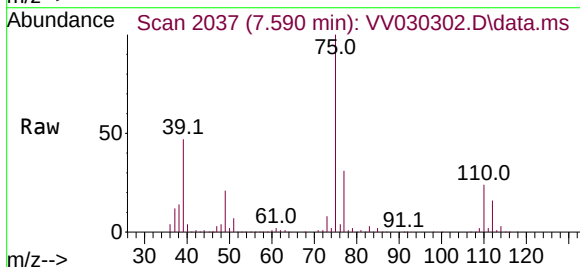
Acq: 23 Mar 2023 10:56

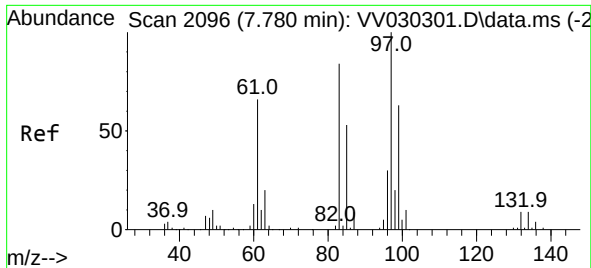
Tgt Ion: 75 Resp: 158091

Ion Ratio Lower Upper

75 100

77 31.3 21.2 39.4

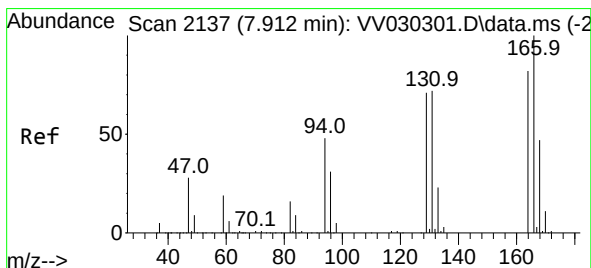
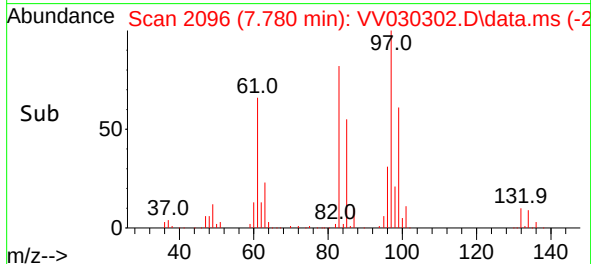
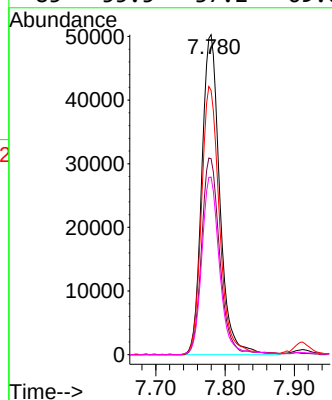
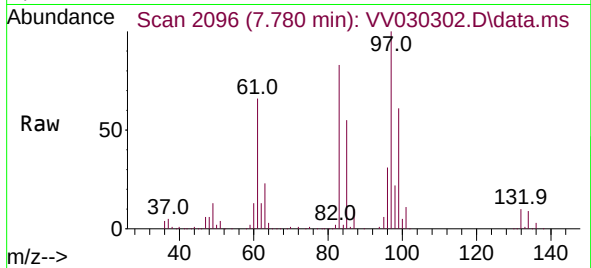




#45
1,1,2-Trichloroethane
Concen: 10.194 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

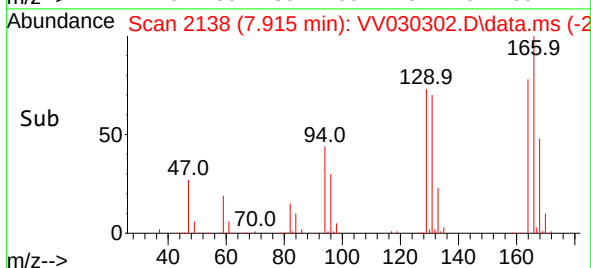
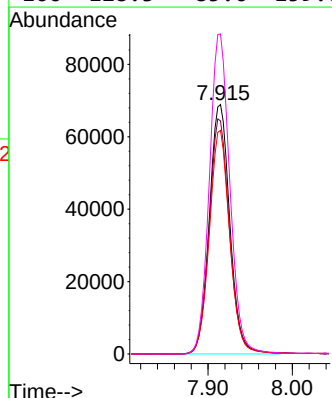
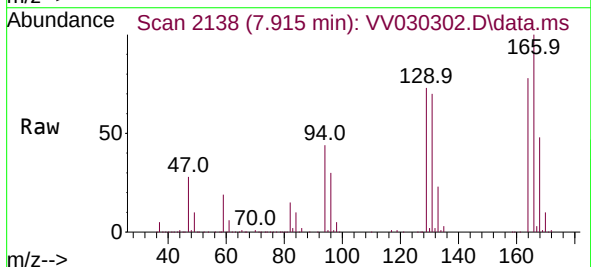
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

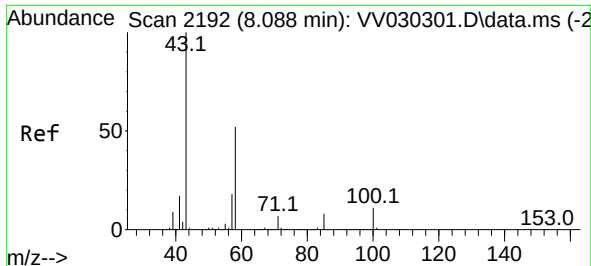
Tgt Ion: 97	Resp: 90658
Ion Ratio	Lower Upper
97 100	
99 61.3	44.0 81.8
83 82.6	58.8 109.2
85 55.5	37.2 69.0



#47
Tetrachloroethene
Concen: 9.970 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt	Ion:164	Resp:	116755
Ion	Ratio	Lower	Upper
164	100		
129	93.4	60.8	112.8
131	89.6	61.7	114.7
166	128.3	85.6	159.0

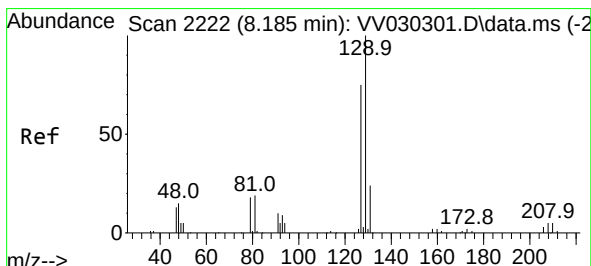
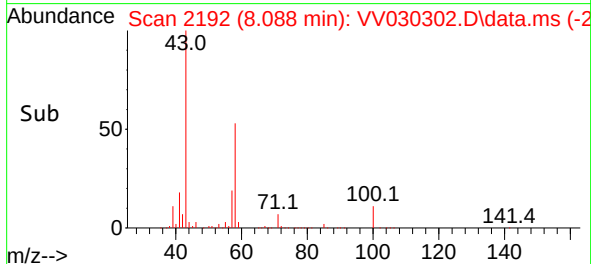
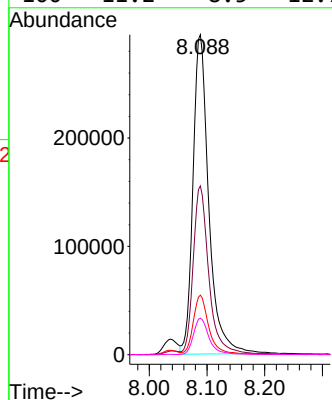
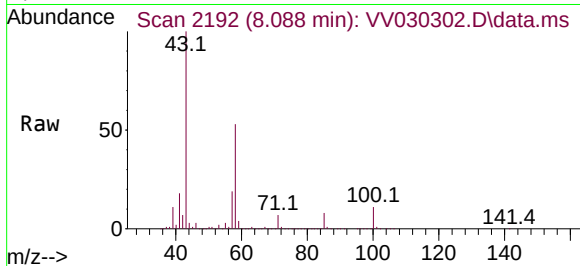




#48
2-Hexanone
Concen: 112.503 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

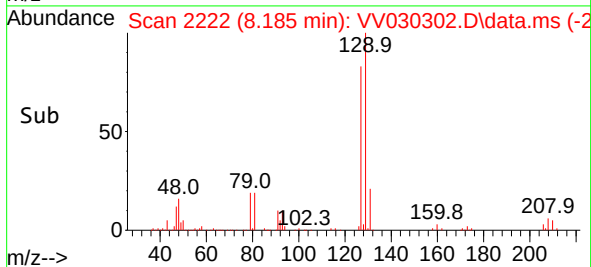
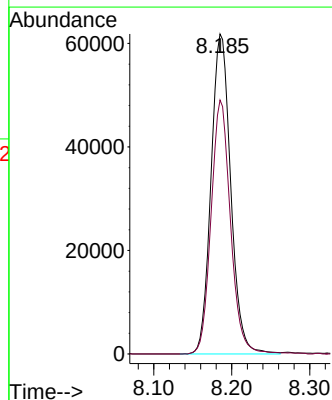
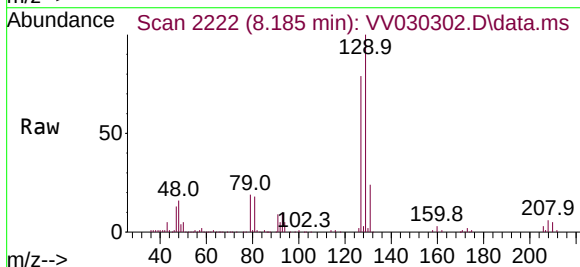
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

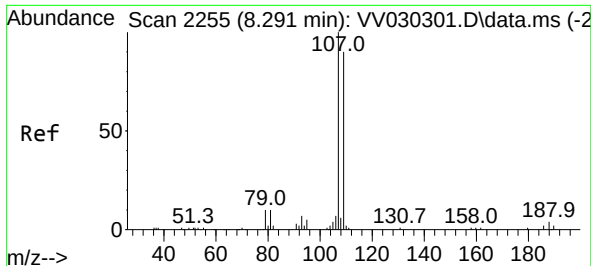
Tgt Ion: 43 Resp: 561132
Ion Ratio Lower Upper
43 100
58 51.4 40.3 60.5
57 18.2 14.6 22.0
100 11.2 8.5 12.7



#49
Dibromochloromethane
Concen: 10.244 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 129 Resp: 108442
Ion Ratio Lower Upper
129 100
127 79.4 52.7 97.9





#50

1,2-Dibromoethane

Concen: 10.375 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

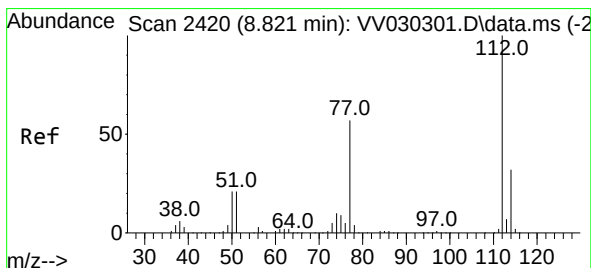
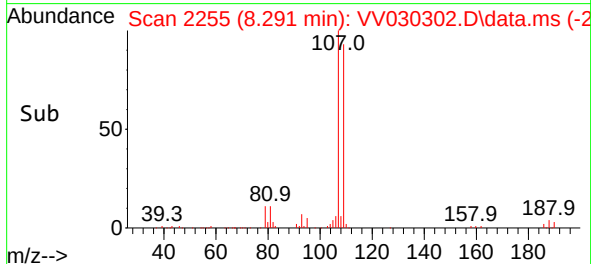
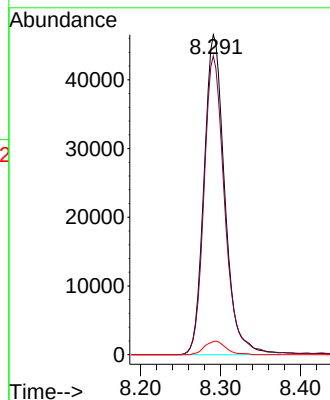
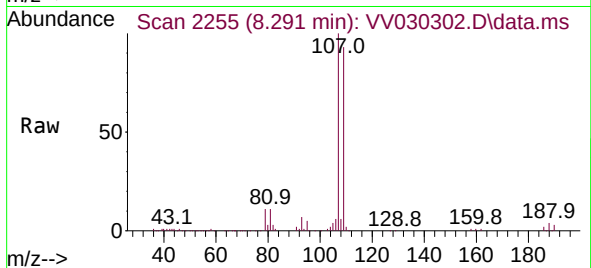
Tgt Ion:107 Resp: 83947

Ion Ratio Lower Upper

107 100

109 93.3 62.9 116.9

188 4.1 3.0 4.6



#51

Chlorobenzene

Concen: 10.476 ug/L

RT: 8.822 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

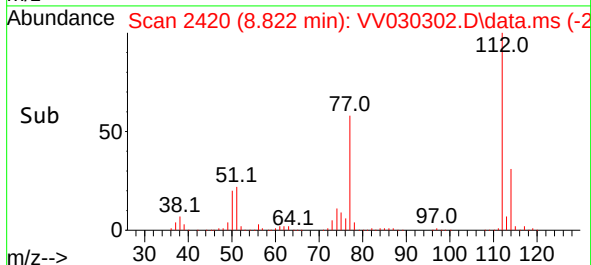
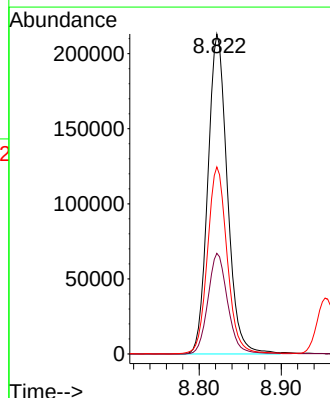
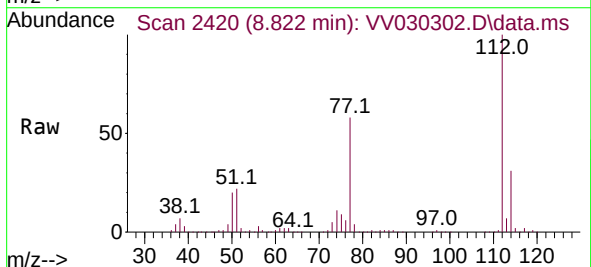
Tgt Ion:112 Resp: 351520

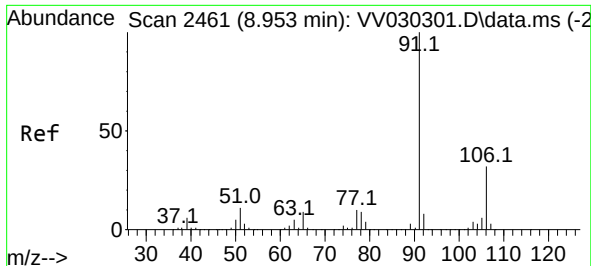
Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 58.5 45.9 68.9

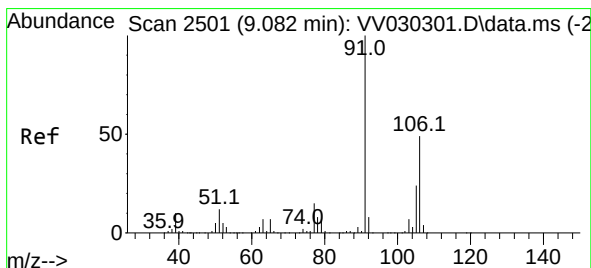
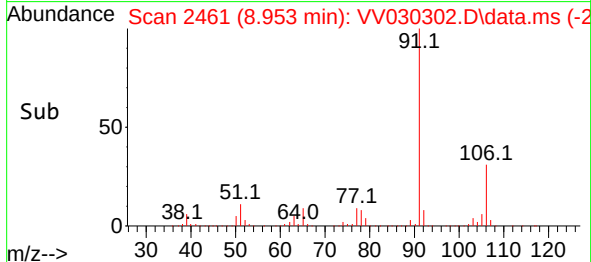
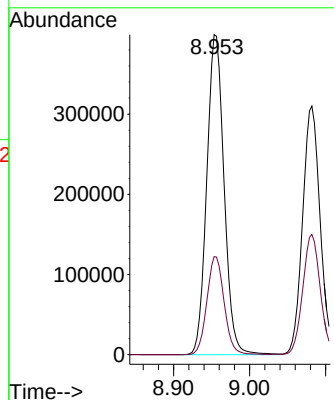
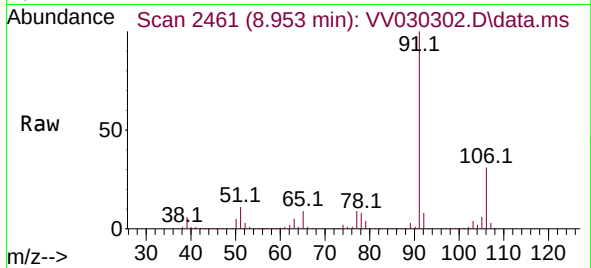




#52
Ethylbenzene
Concen: 11.007 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

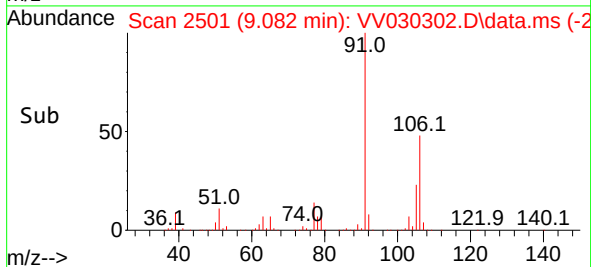
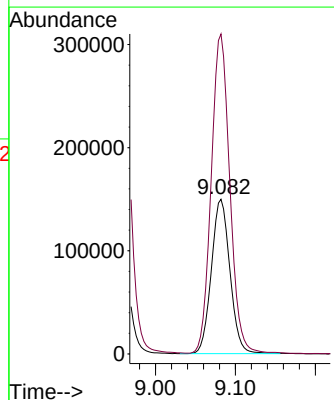
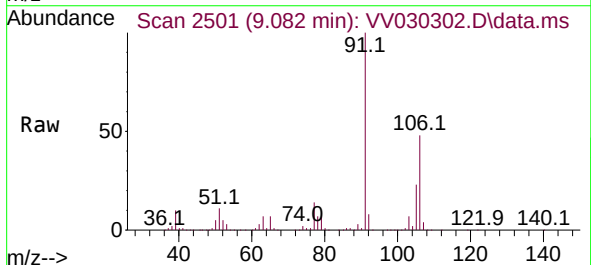
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

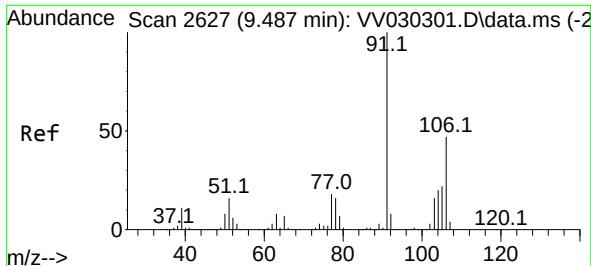
Tgt Ion: 91 Resp: 631082
Ion Ratio Lower Upper
91 100
106 30.6 22.2 41.2



#53
m,p-Xylene
Concen: 11.003 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 106 Resp: 241488
Ion Ratio Lower Upper
106 100
91 206.8 142.4 264.4

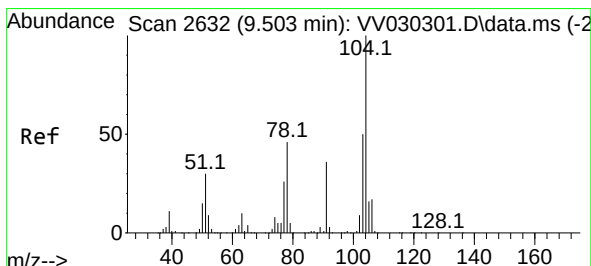
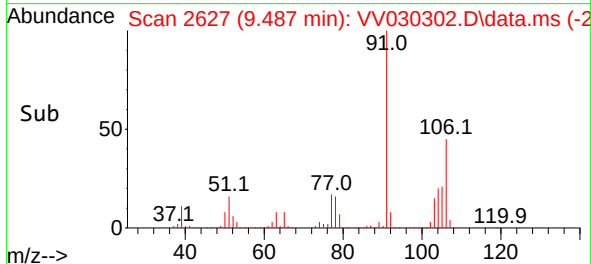
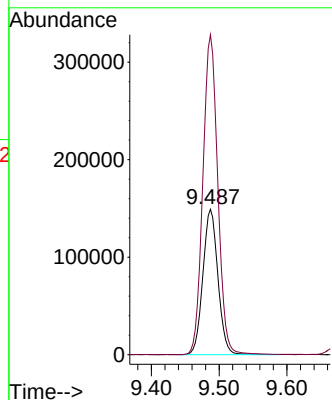
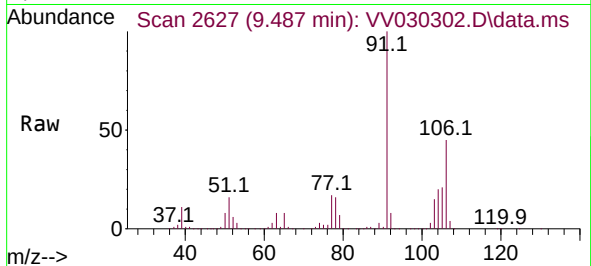




#54
o-Xylene
Concen: 10.957 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

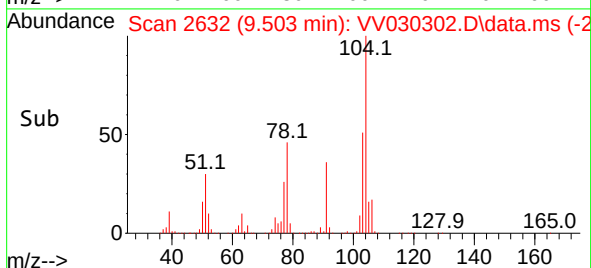
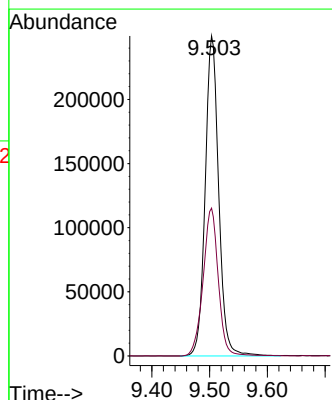
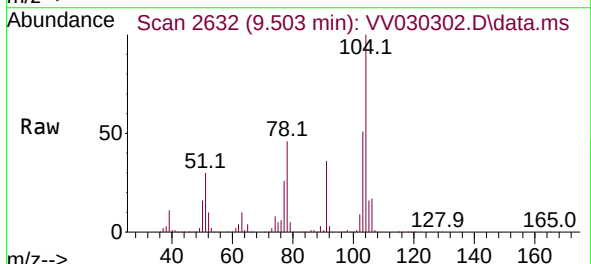
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

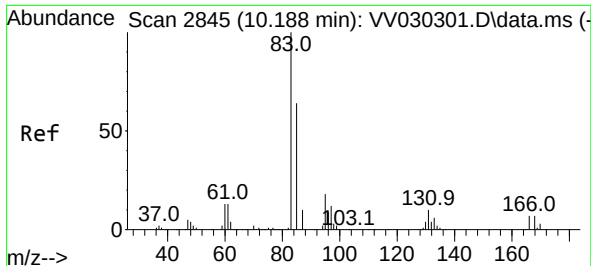
Tgt Ion:106 Resp: 230089
Ion Ratio Lower Upper
106 100
91 219.9 149.8 278.2



#55
Styrene
Concen: 11.360 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion:104 Resp: 405206
Ion Ratio Lower Upper
104 100
78 46.2 31.9 59.2

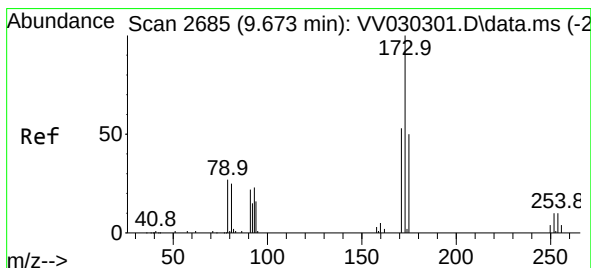
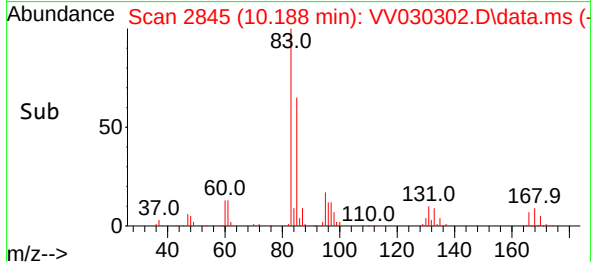
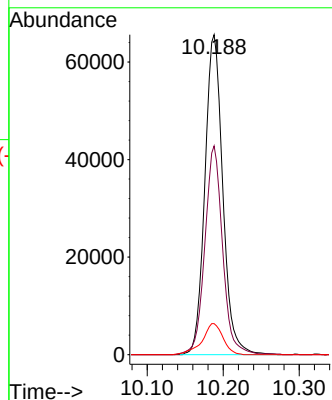
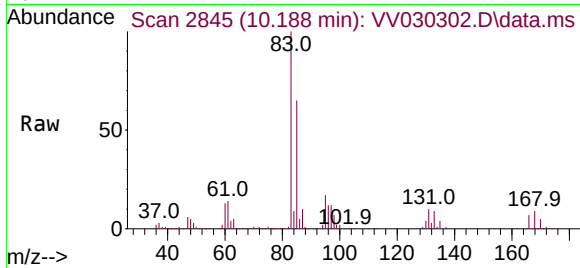




#57
1,1,2,2-Tetrachloroethane
Concen: 10.165 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

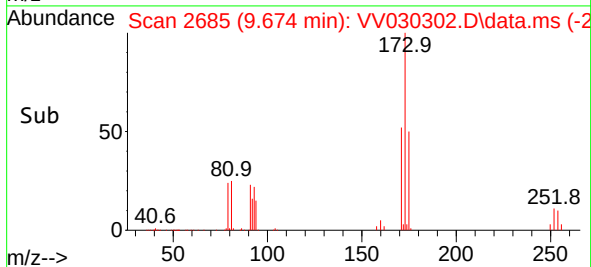
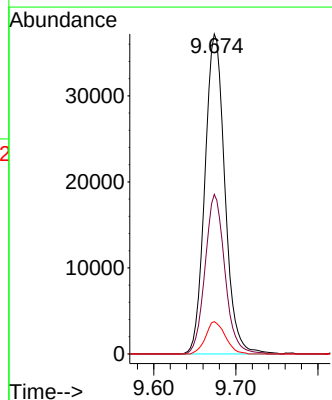
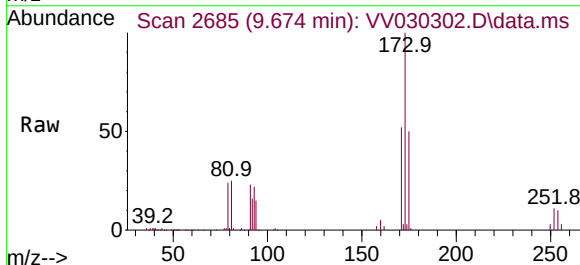
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

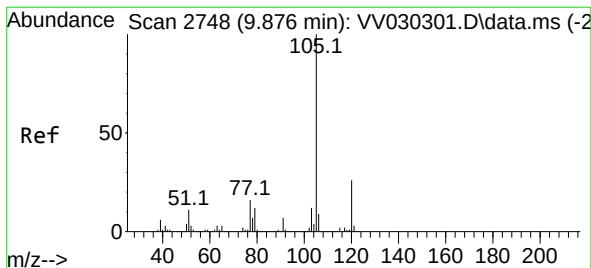
Tgt Ion: 83 Resp: 107304
Ion Ratio Lower Upper
83 100
85 65.3 45.3 84.1
131 9.7 8.2 12.4



#59
Bromoform
Concen: 9.499 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 173 Resp: 63053
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 10.0 8.2 12.4





#60

Isopropylbenzene

Concen: 10.579 ug/L

RT: 9.876 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

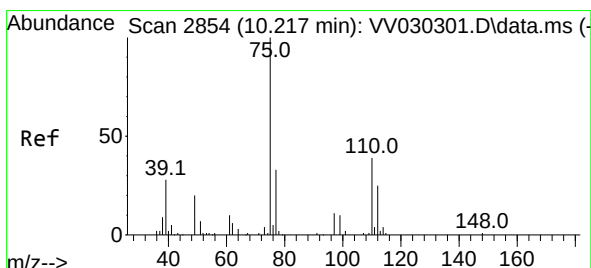
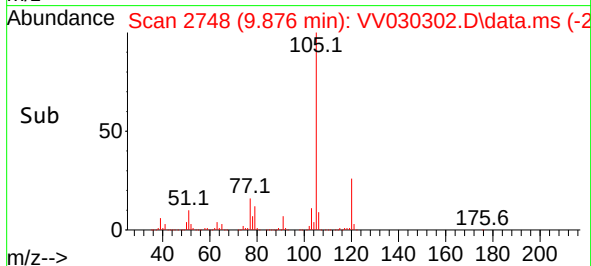
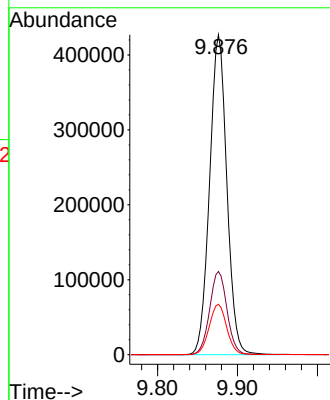
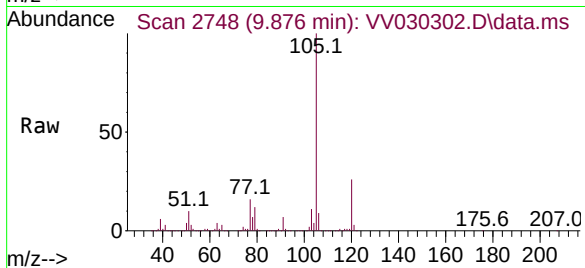
Tgt Ion:105 Resp: 640717

Ion Ratio Lower Upper

105 100

120 26.3 21.1 31.7

77 16.0 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 9.594 ug/L

RT: 10.217 min Scan# 2854

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

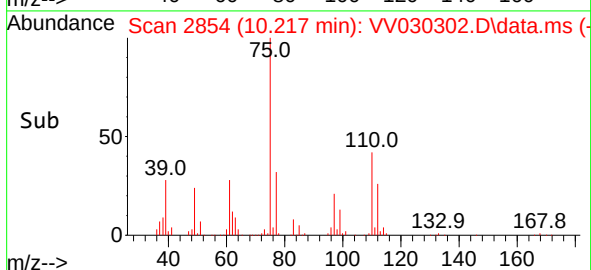
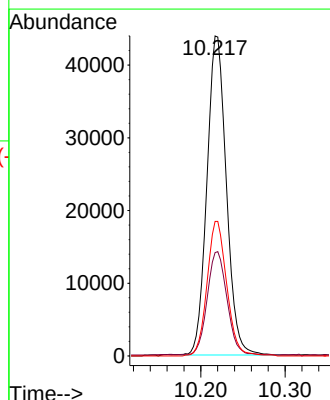
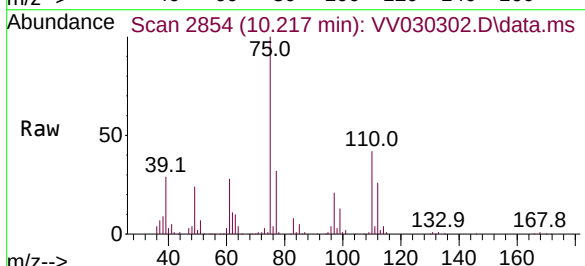
Tgt Ion: 75 Resp: 70440

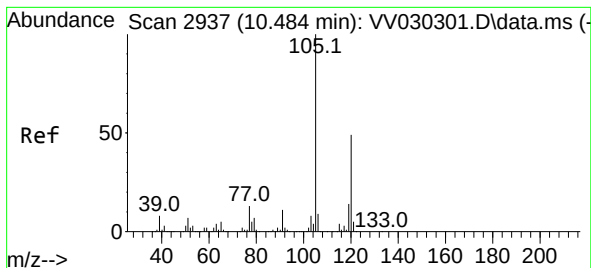
Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

110 42.8 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 10.721 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

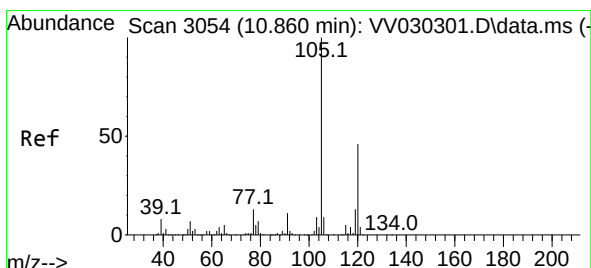
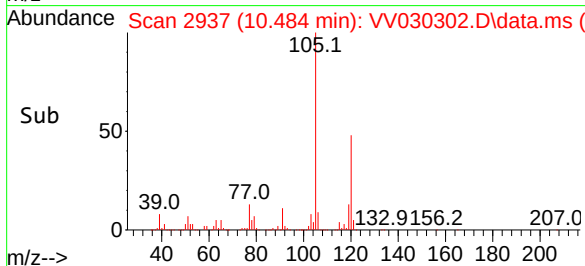
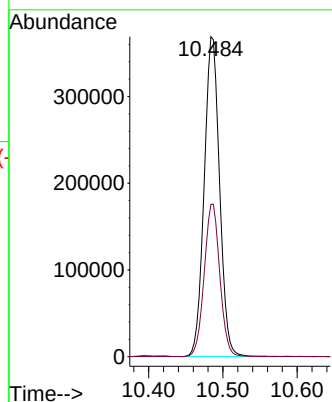
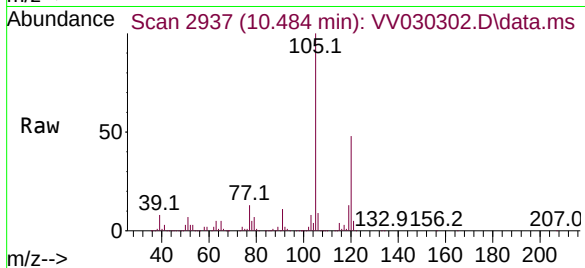
VSTD010231

Tgt Ion:105 Resp: 529831

Ion Ratio Lower Upper

105 100

120 48.4 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 10.965 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030302.D

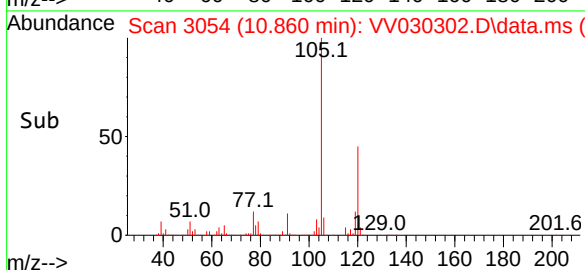
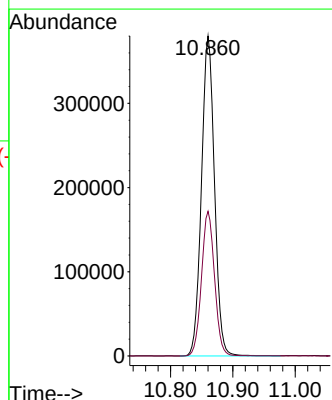
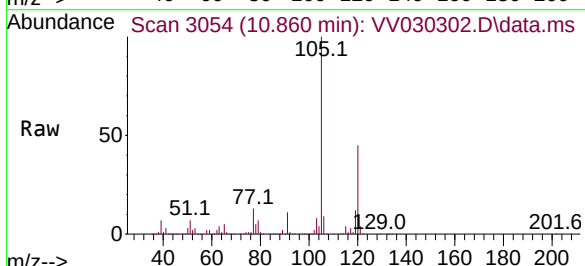
Acq: 23 Mar 2023 10:56

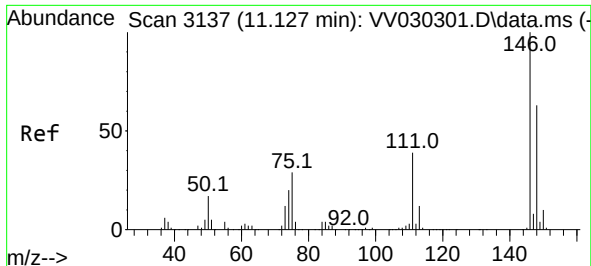
Tgt Ion:105 Resp: 552251

Ion Ratio Lower Upper

105 100

120 45.2 36.8 55.2

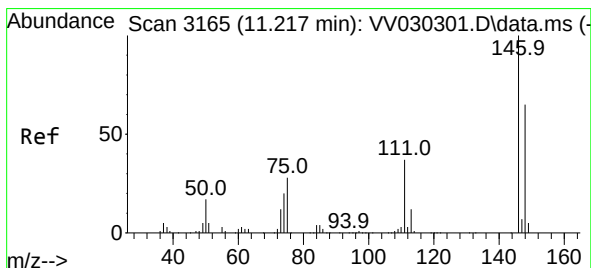
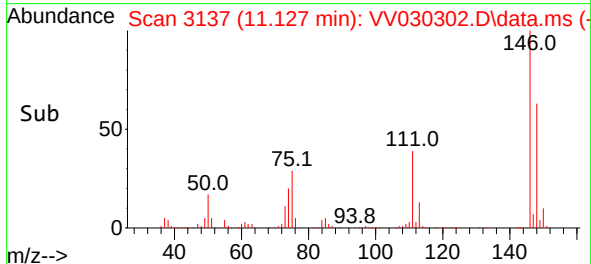
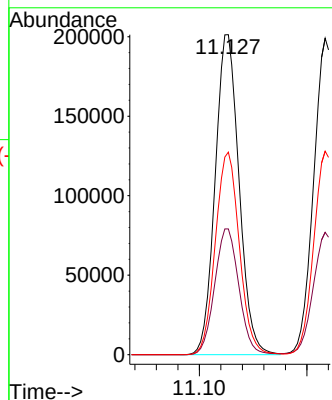
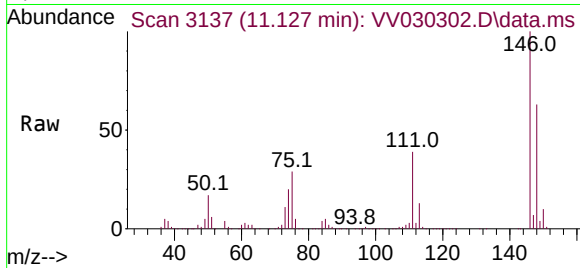




#64
1,3-Dichlorobenzene
Concen: 10.288 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

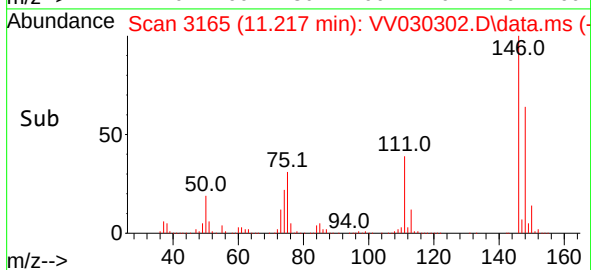
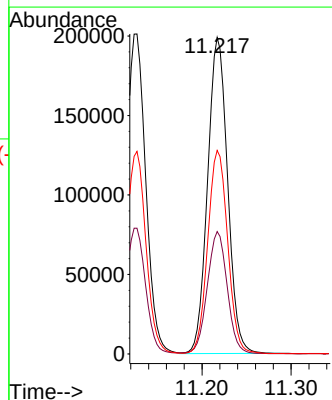
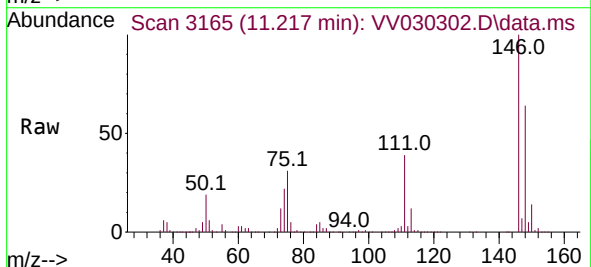
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

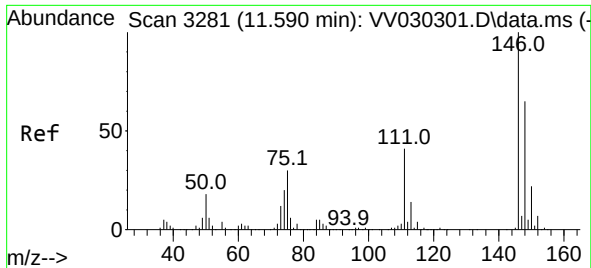
Tgt Ion:146 Resp: 310693
Ion Ratio Lower Upper
146 100
111 39.3 27.0 50.2
148 63.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 10.189 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion:146 Resp: 310012
Ion Ratio Lower Upper
146 100
111 38.7 26.0 48.4
148 64.3 45.2 84.0

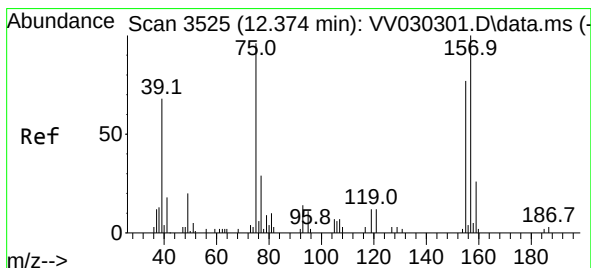
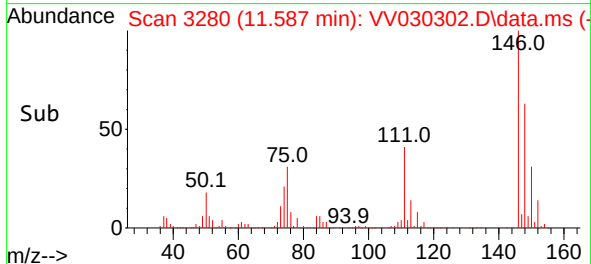
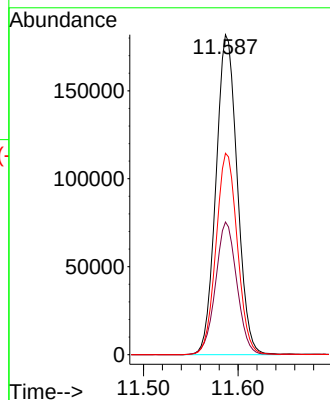
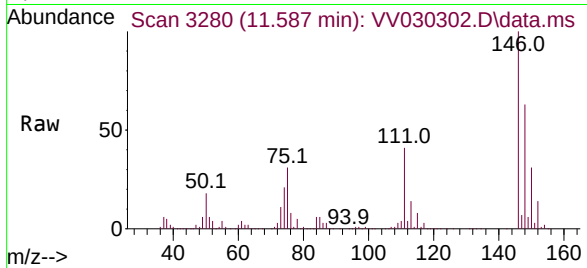




#67
1,2-Dichlorobenzene
Concen: 10.441 ug/L
RT: 11.587 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

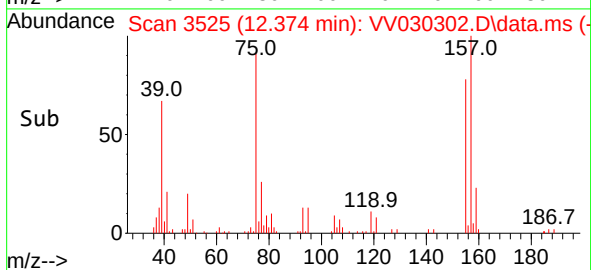
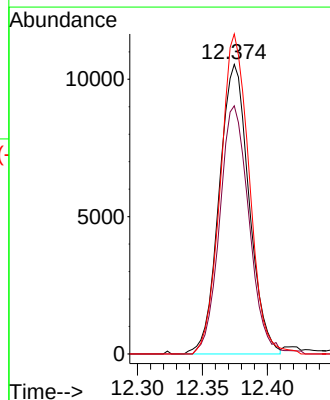
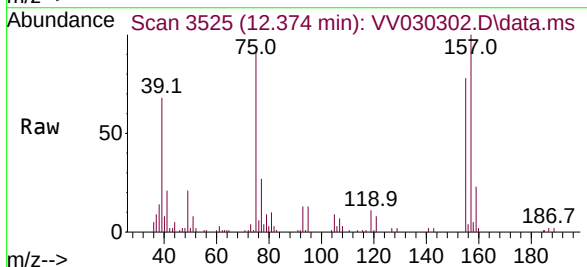
Instrument :
MSVOA_V
ClientSampleId :
VSTD010231

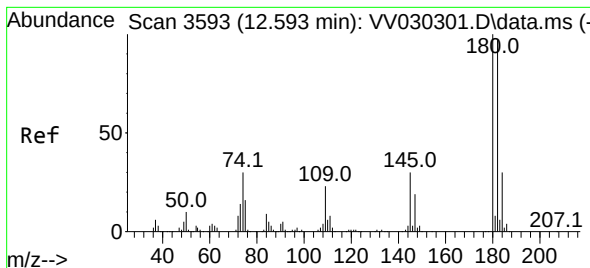
Tgt Ion:146 Resp: 284156
Ion Ratio Lower Upper
146 100
111 41.5 33.1 49.7
148 62.9 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 9.228 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV030302.D
Acq: 23 Mar 2023 10:56

Tgt Ion: 75 Resp: 16853
Ion Ratio Lower Upper
75 100
155 85.7 64.6 96.8
157 110.5 83.8 125.6





#69

1,3,5-Trichlorobenzene

Concen: 10.394 ug/L

RT: 12.590 min Scan# 3593

Delta R.T. -0.003 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

Tgt Ion:180 Resp: 241688

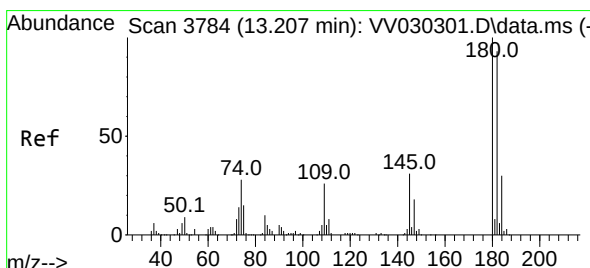
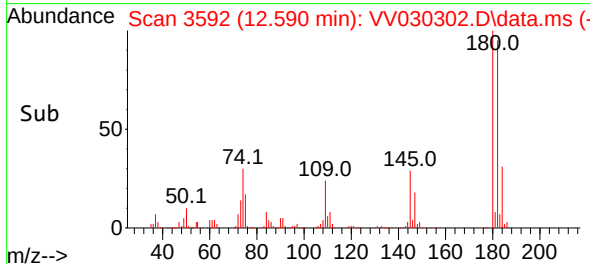
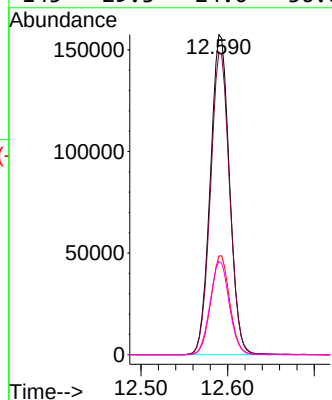
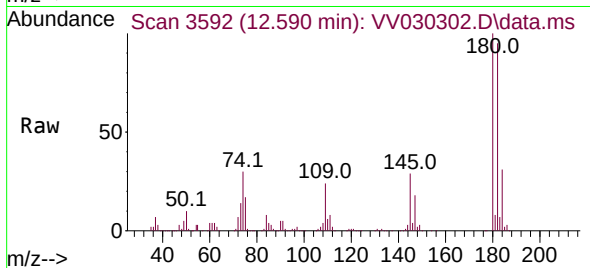
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

184 30.4 24.0 36.0

145 29.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 10.549 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

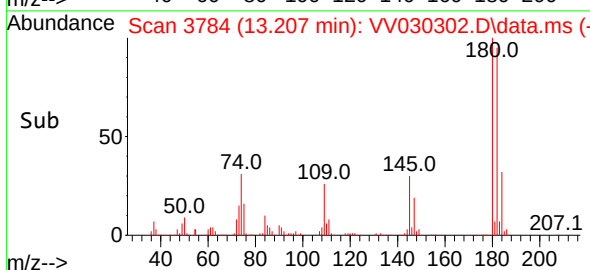
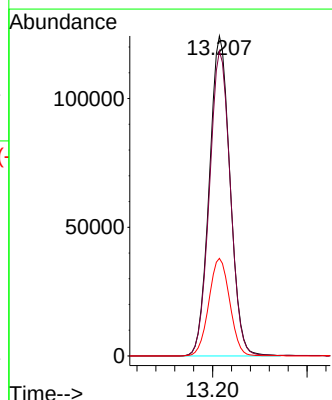
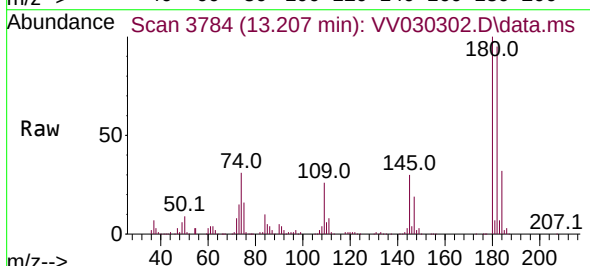
Tgt Ion:180 Resp: 189391

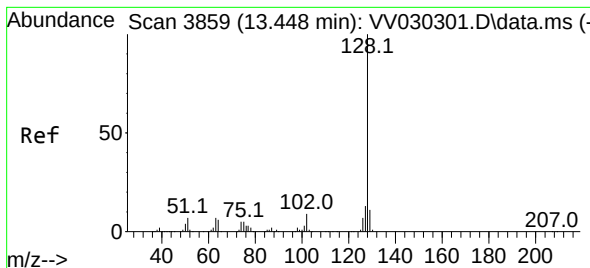
Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

145 30.7 23.8 35.6





#71

Naphthalene

Concen: 10.528 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010231

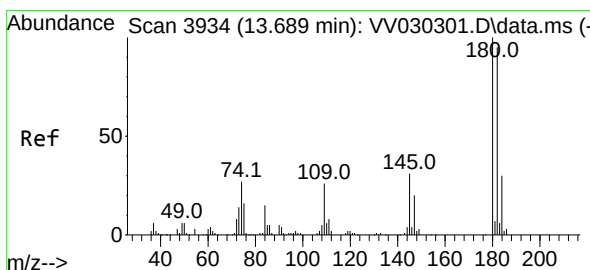
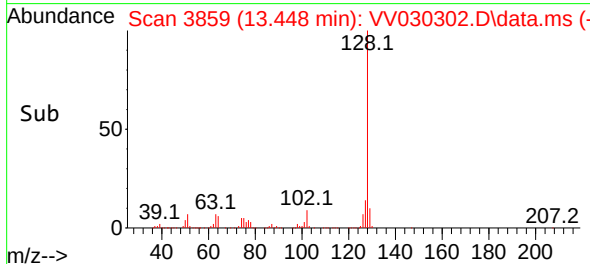
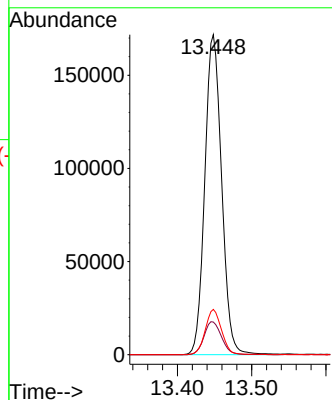
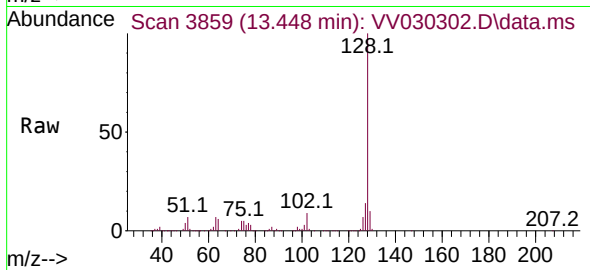
Tgt Ion:128 Resp: 269941

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 13.7 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 10.836 ug/L

RT: 13.690 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030302.D

Acq: 23 Mar 2023 10:56

Tgt Ion:180 Resp: 168543

Ion Ratio Lower Upper

180 100

182 93.6 76.6 115.0

145 31.5 25.0 37.4

