

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122022\
 Data File : VW029750.D
 Acq On : 20 Dec 2022 14:47
 Operator : SY/MD
 Sample : N6130-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXGJ0MSD

Quant Time: Dec 21 00:18:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	515373	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	484767	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	265698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117982	37.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.760%
7) Chloroethane-d5	1.564	69	103215	42.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.780%
11) 1,1-Dichloroethene-d2	2.108	63	224610	45.630	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
21) 2-Butanone-d5	3.873	46	167943	87.234	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.230%
24) Chloroform-d	4.339	84	232365	39.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.260%
26) 1,2-Dichloroethane-d4	5.024	65	137656	40.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.160%
32) Benzene-d6	5.043	84	492587	38.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.920%
36) 1,2-Dichloropropane-d6	6.063	67	155446	39.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.460%
41) Toluene-d8	7.307	98	453265	37.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.120%#
43) trans-1,3-Dichloroprop...	7.612	79	71258	36.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.140%
47) 2-Hexanone-d5	8.082	63	138480	82.884	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	232642	41.609	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.220%
66) 1,2-Dichlorobenzene-d4	11.612	152	185406	36.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	159809	39.367	ug/L	99
3) Chloromethane	1.240	50	183930	39.739	ug/L	100
5) Vinyl chloride	1.310	62	180259	46.549	ug/L	98
6) Bromomethane	1.519	94	76373	49.014	ug/L	99
8) Chloroethane	1.580	64	113753	52.754	ug/L	99
9) Trichlorofluoromethane	1.751	101	228713	47.179	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137113	50.901	ug/L	97
12) 1,1-Dichloroethene	2.114	96	132934	48.256	ug/L	92
13) Acetone	2.159	43	146320	116.667	ug/L	100
14) Carbon disulfide	2.291	76	379911	41.438	ug/L	99
15) Methyl Acetate	2.423	43	145293	50.848	ug/L	96
16) Methylene chloride	2.503	84	163158	47.634	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	143496	45.208	ug/L	93
18) Methyl tert-butyl Ether	2.764	73	459379	47.237	ug/L	99
19) 1,1-Dichloroethane	3.182	63	264637	48.666	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	158932	45.535	ug/L	92
22) 2-Butanone	3.957	43	203791	102.120	ug/L	95
23) Bromochloromethane	4.239	128	82943	46.149	ug/L	91
25) Chloroform	4.365	83	276309	49.013	ug/L	100

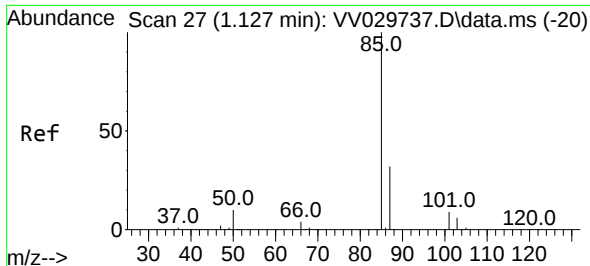
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	189721	47.641	ug/L	99
29) Cyclohexane	4.670	56	226035	43.043	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	228813	43.323	ug/L	99
31) Carbon tetrachloride	4.818	117	195886	42.472	ug/L	100
33) Benzene	5.092	78	618582	45.270	ug/L	100
34) Trichloroethene	5.905	95	153249	44.757	ug/L	98
35) Methylcyclohexane	6.124	83	257232	44.232	ug/L	98
37) 1,2-Dichloropropane	6.165	63	157845	47.861	ug/L	100
38) Bromodichloromethane	6.500	83	203172	44.626	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	228135	42.061	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	389838	99.140	ug/L	97
42) Toluene	7.381	91	655026	44.538	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	217857	42.413	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	159396	46.782	ug/L	99
46) Tetrachloroethene	7.966	164	124260	45.138	ug/L	97
48) 2-Hexanone	8.133	43	307510	102.360	ug/L	96
49) Dibromochloromethane	8.236	129	167896	44.633	ug/L	97
50) 1,2-Dibromoethane	8.342	107	159571	45.459	ug/L	100
51) Chlorobenzene	8.873	112	428866	46.050	ug/L	99
52) Ethylbenzene	9.005	91	691523	44.723	ug/L	100
53) m,p-Xylene	9.130	106	274018	44.775	ug/L	98
54) o-Xylene	9.535	106	267905	44.256	ug/L	100
55) Styrene	9.551	104	491493	46.720	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	263121	48.277	ug/L	99
59) Bromoform	9.722	173	121798	41.497	ug/L	98
60) Isopropylbenzene	9.921	105	700259	44.890	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	197591	48.178	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	604672	43.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	604144	44.188	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	339130	44.462	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	344070	44.387	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	345593	44.309	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	52690	41.336	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	260091	42.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	231839	42.952	ug/L	100
71) Naphthalene	13.490	128	690169	56.371	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	237462	44.916	ug/L	99

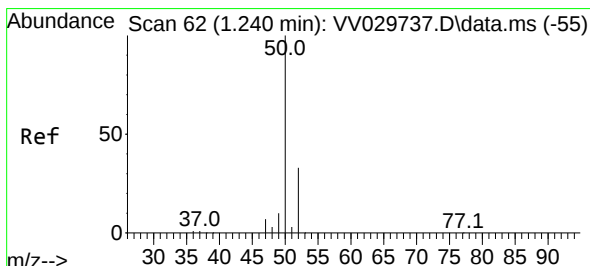
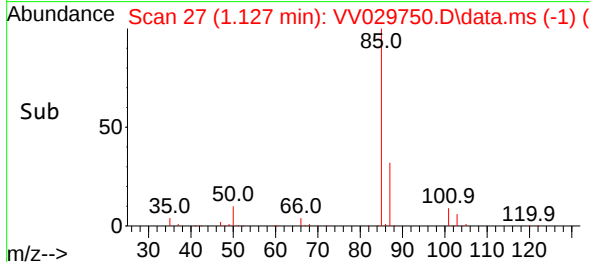
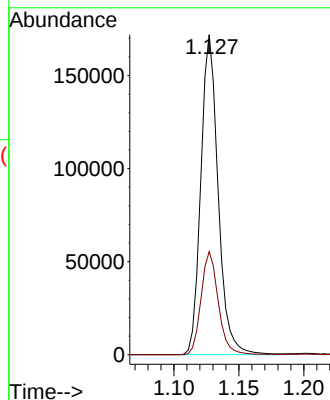
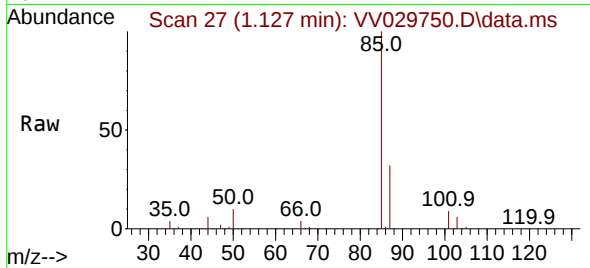
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#2
 Dichlorodifluoromethane
 Concen: 39.367 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029750.D
 Acq: 20 Dec 2022 14:47

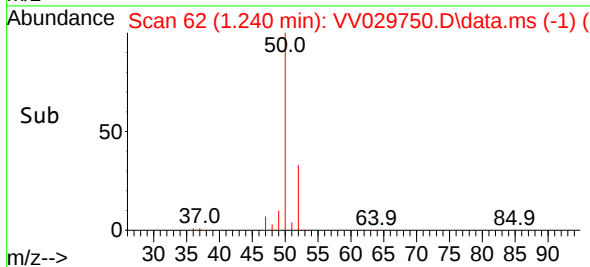
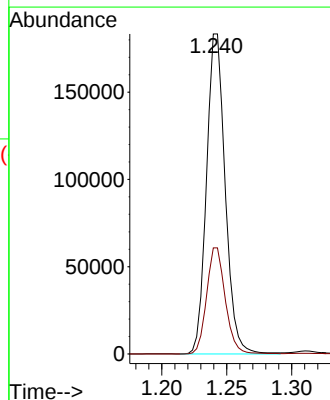
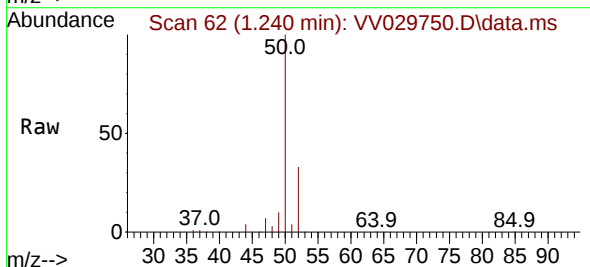
Instrument :
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 ClientSampleId :
 EXGJ0MSD

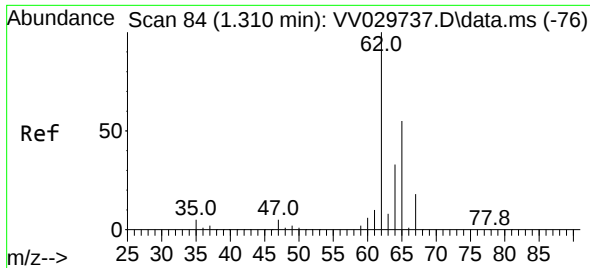
Tgt Ion: 85 Resp: 159809
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 39.739 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029750.D
 Acq: 20 Dec 2022 14:47

Tgt Ion: 50 Resp: 183930
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3

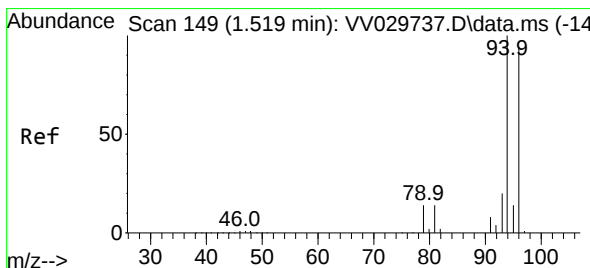
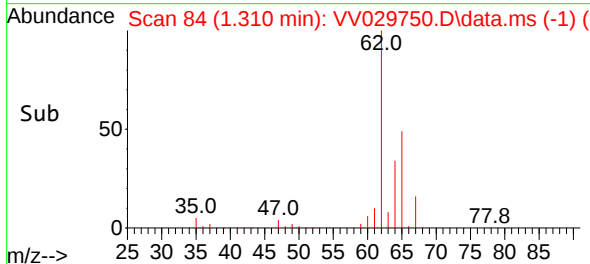
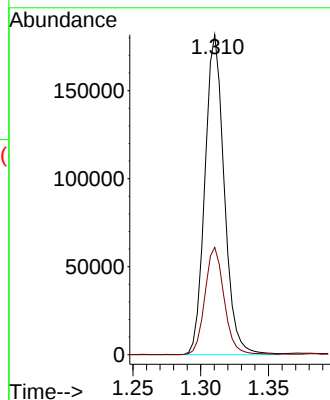
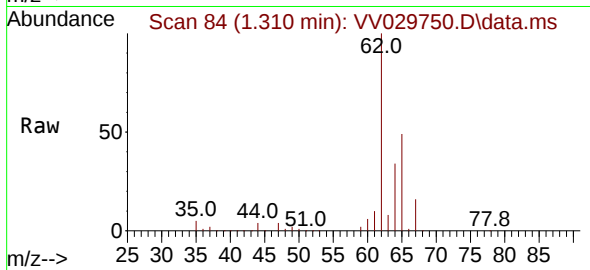




#5
 Vinyl chloride
 Concen: 46.549 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029750.D
 Acq: 20 Dec 2022 14:47

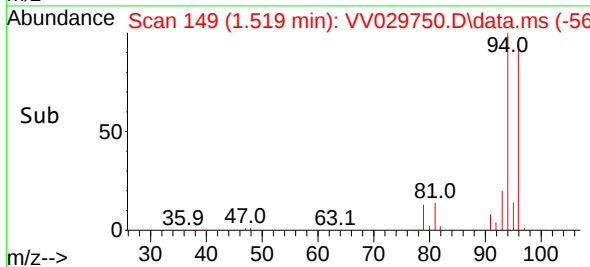
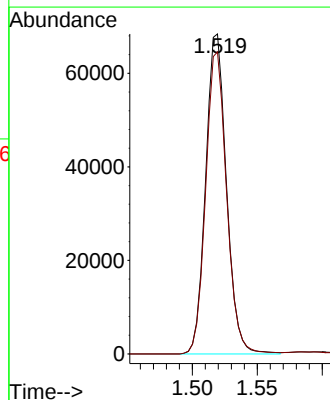
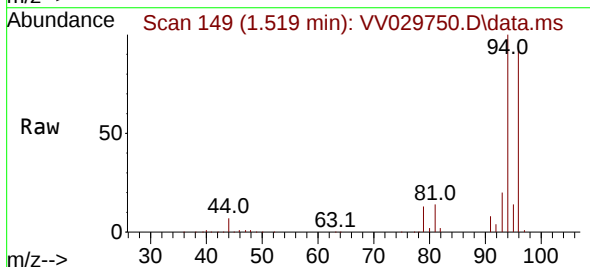
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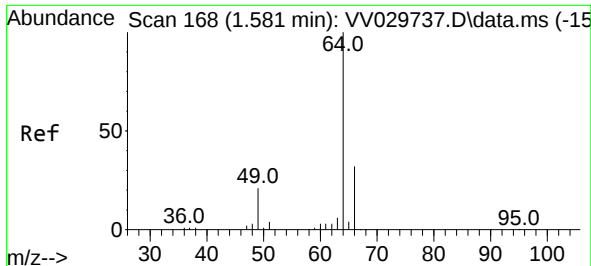
Tgt Ion: 62 Resp: 180259
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.5 41.9



#6
 Bromomethane
 Concen: 49.014 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029750.D
 Acq: 20 Dec 2022 14:47

Tgt Ion: 94 Resp: 76373
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.1 120.9

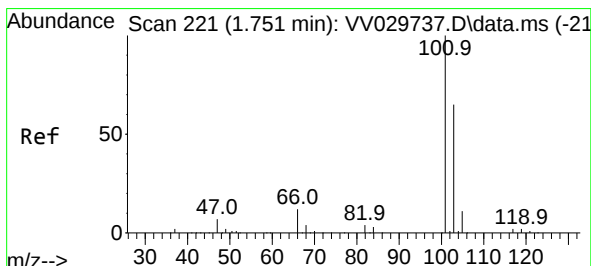
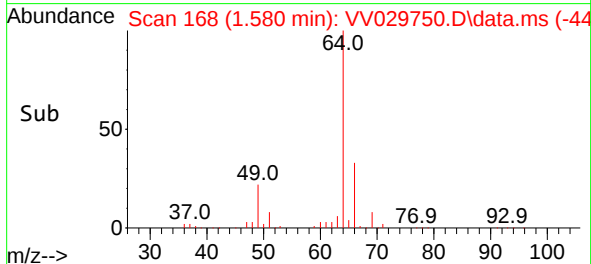
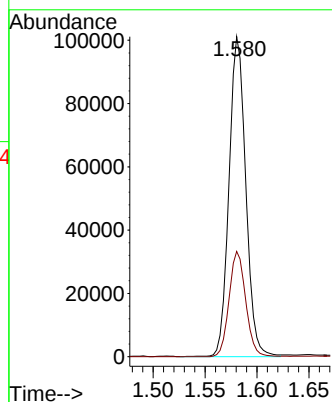
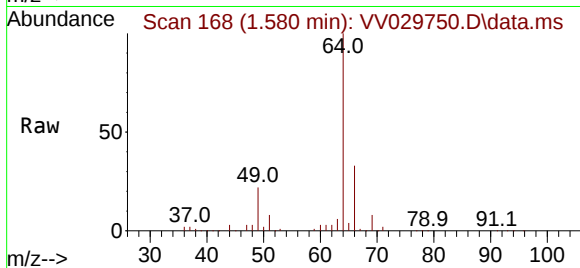




#8
Chloroethane
Concen: 52.754 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

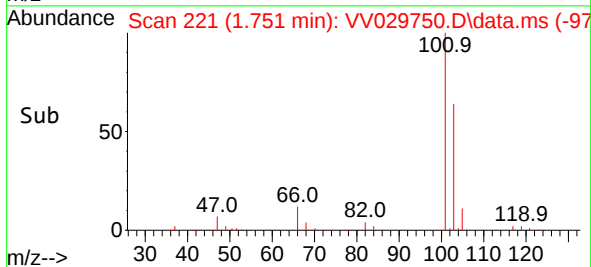
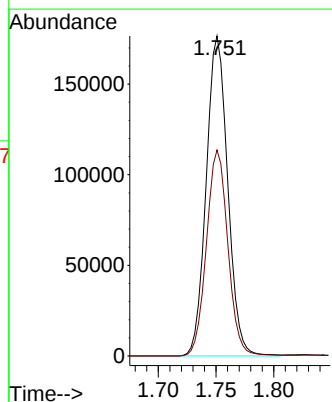
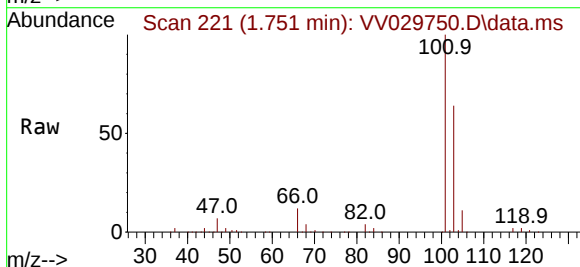
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ClientSampleId :
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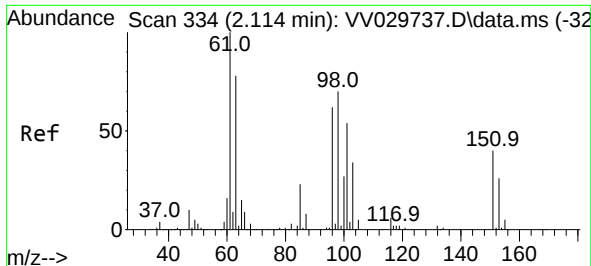
Tgt Ion: 64 Resp: 113753
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 47.179 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion:101 Resp: 228713
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

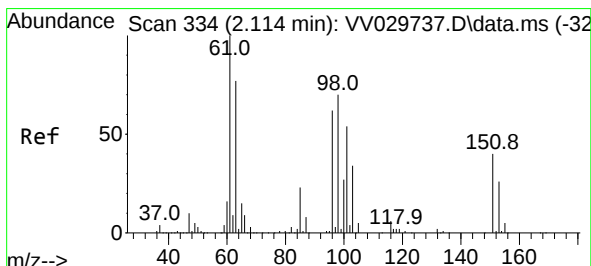
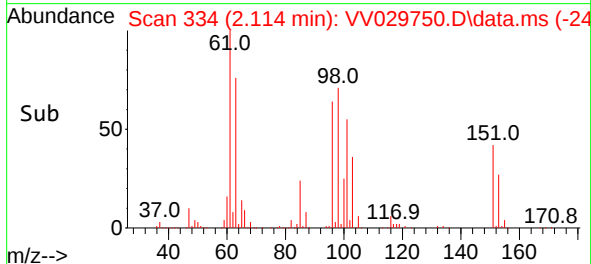
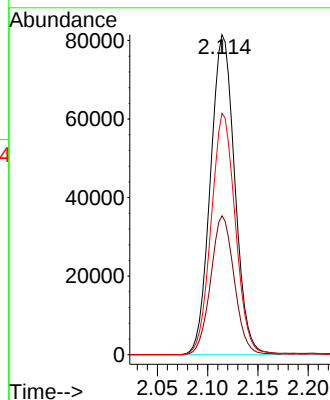
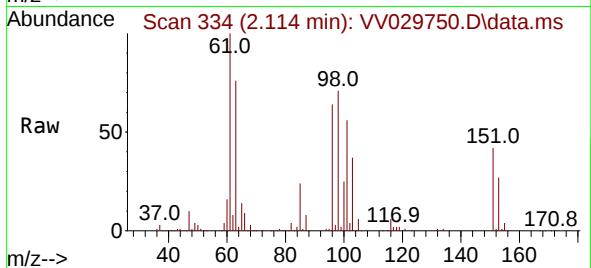




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.901 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029750.D
 Acq: 20 Dec 2022 14:47

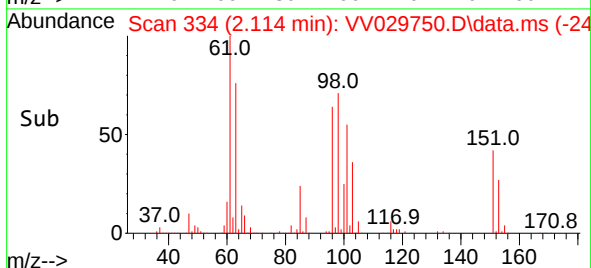
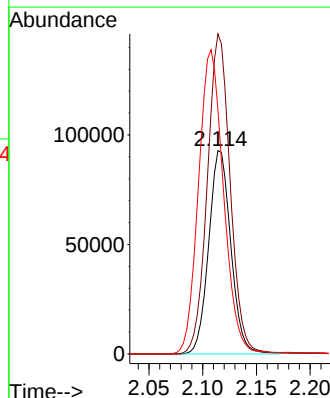
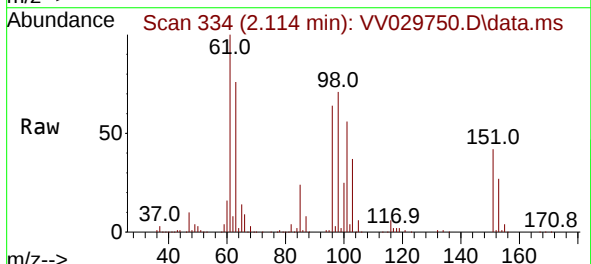
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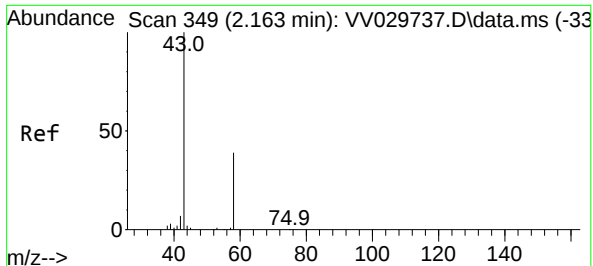
Tgt Ion:101 Resp: 137113
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.6 50.4
 151 75.2 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 48.256 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029750.D
 Acq: 20 Dec 2022 14:47

Tgt Ion: 96 Resp: 132934
 Ion Ratio Lower Upper
 96 100
 61 157.3 103.3 191.9
 63 120.0 77.3 143.7

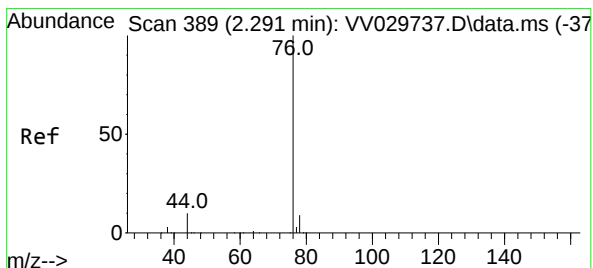
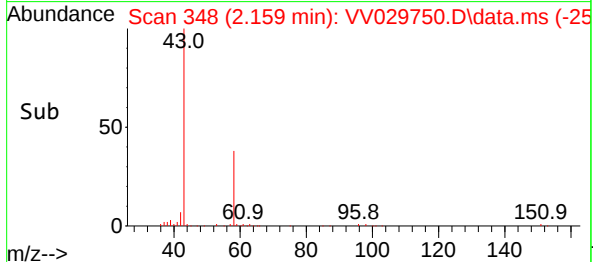
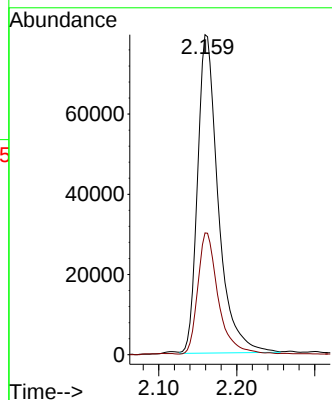
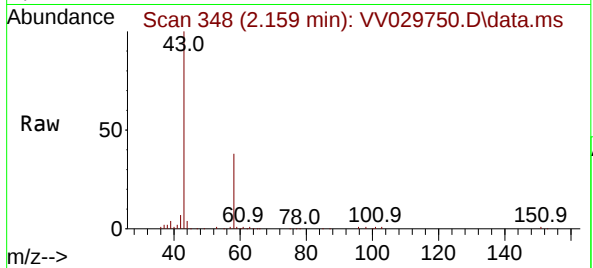




#13
Acetone
Concen: 116.667 ug/L
RT: 2.159 min Scan# 34
Delta R.T. -0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

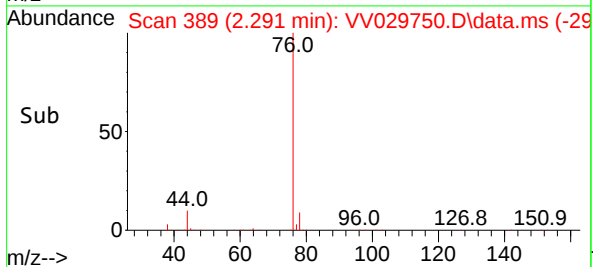
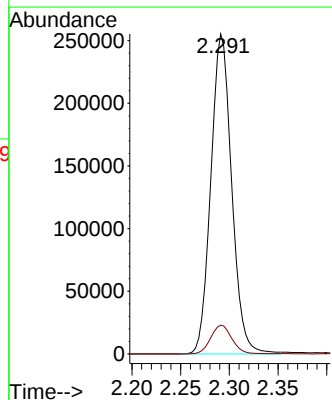
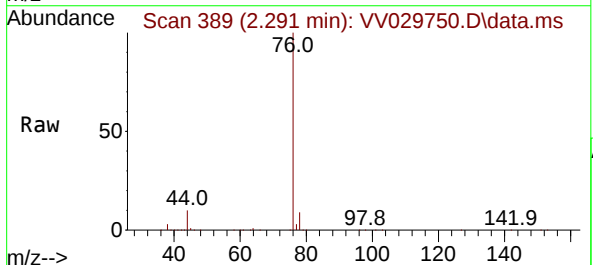
Instrument :
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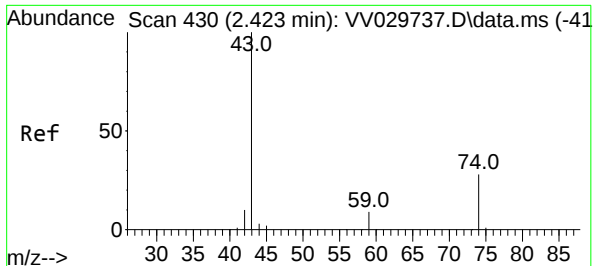
Tgt Ion: 43 Resp: 146320
Ion Ratio Lower Upper
43 100
58 37.6 0.0 74.8



#14
Carbon disulfide
Concen: 41.438 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 76 Resp: 379911
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

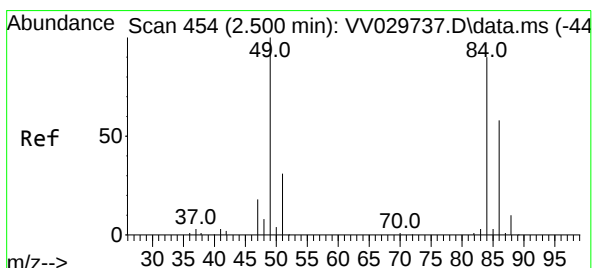
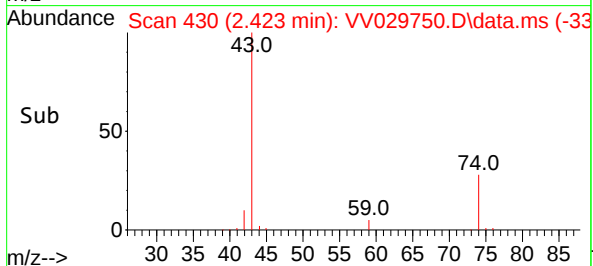
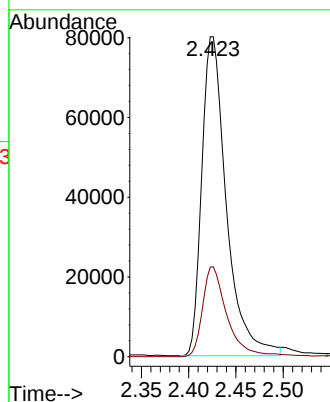
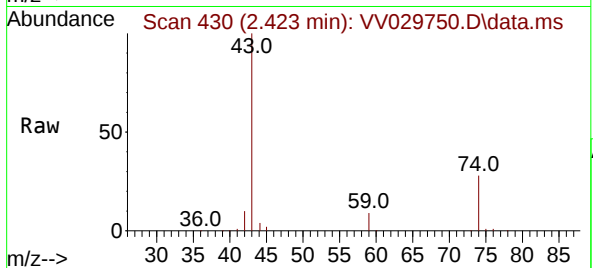




#15
Methyl Acetate
Concen: 50.848 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

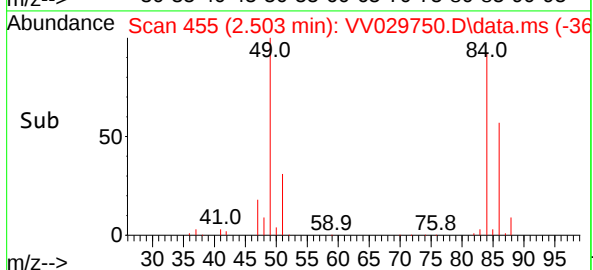
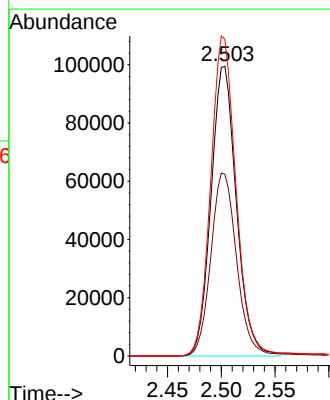
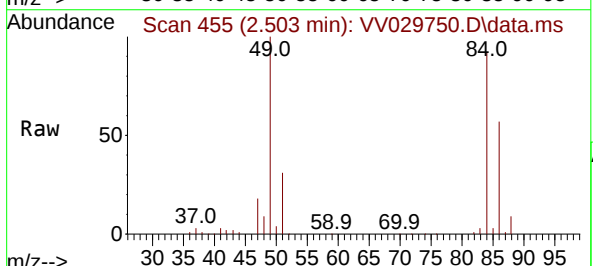
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

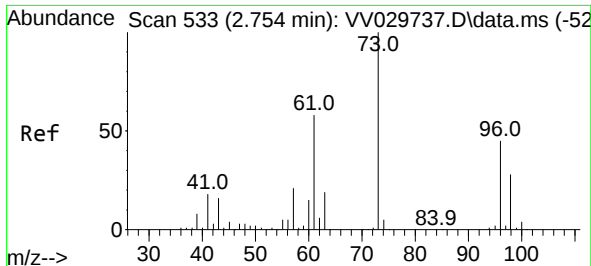
Tgt Ion: 43 Resp: 145293
Ion Ratio Lower Upper
43 100
74 27.3 23.5 35.3



#16
Methylene chloride
Concen: 47.634 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 84 Resp: 163158
Ion Ratio Lower Upper
84 100
86 62.7 46.0 85.4
49 109.3 72.2 134.0





#17

trans-1,2-Dichloroethene

Concen: 45.208 ug/L

RT: 2.754 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

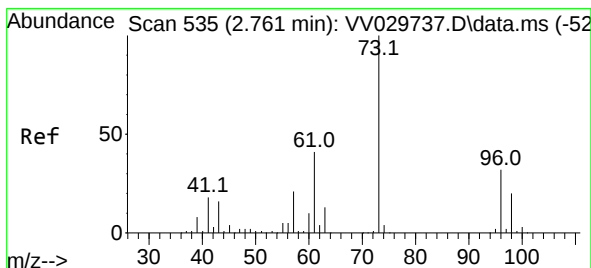
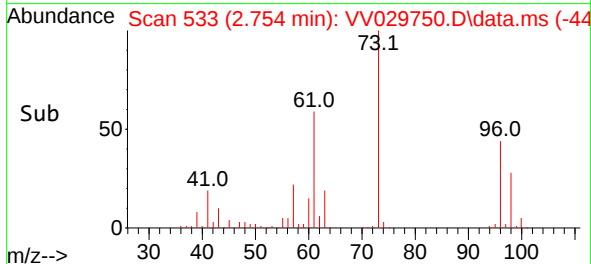
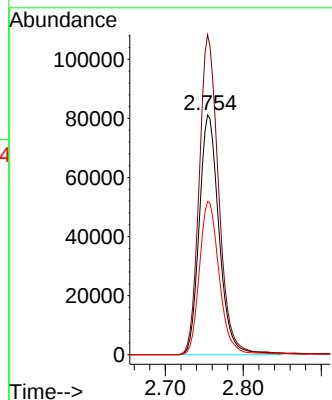
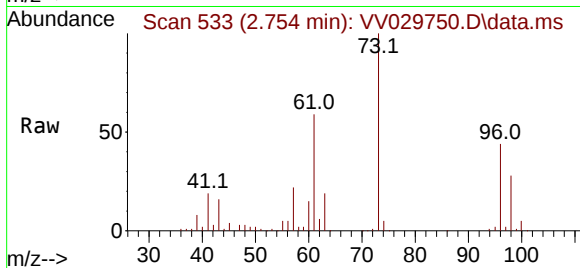
Tgt Ion: 96 Resp: 143496

Ion Ratio Lower Upper

96 100

61 133.5 86.4 160.4

98 63.9 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 47.237 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

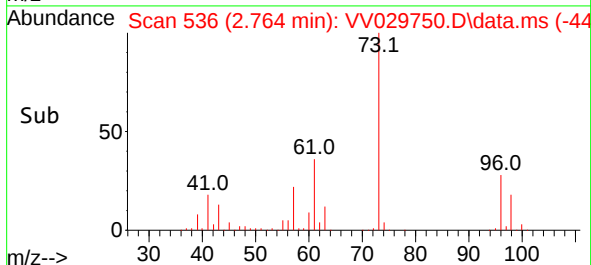
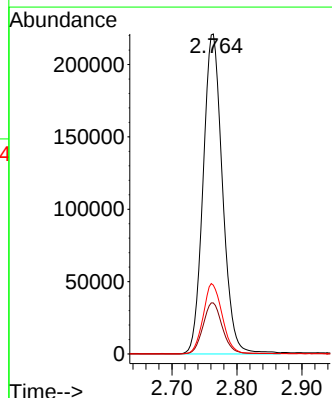
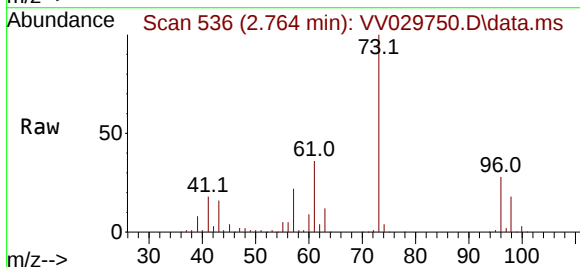
Tgt Ion: 73 Resp: 459379

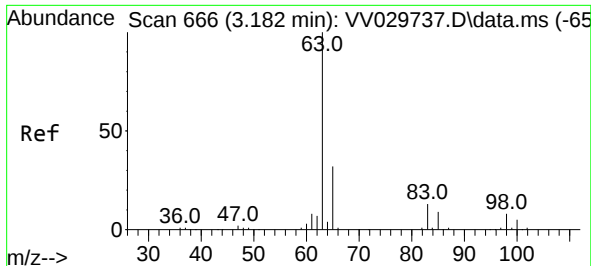
Ion Ratio Lower Upper

73 100

43 15.7 12.7 19.1

57 21.7 16.7 25.1





#19

1,1-Dichloroethane

Concen: 48.666 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

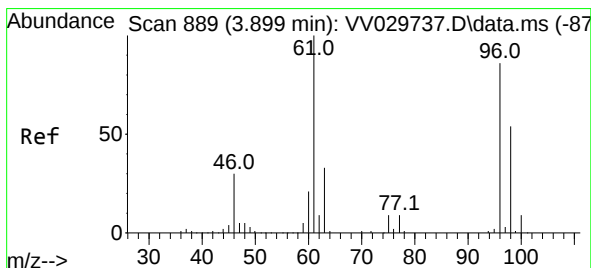
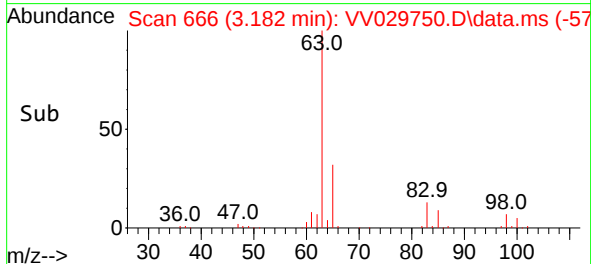
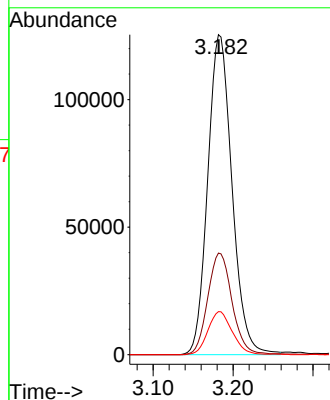
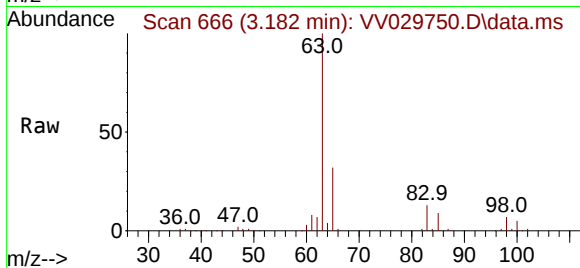
Tgt Ion: 63 Resp: 264637

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.7

83 13.5 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 45.535 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

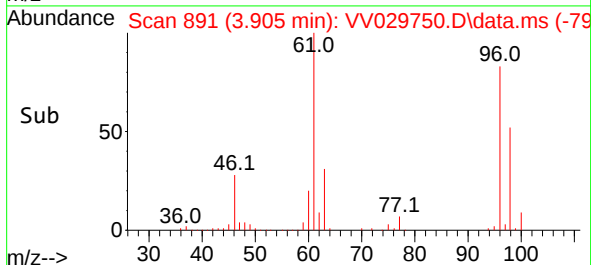
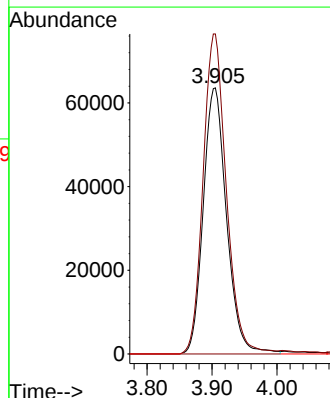
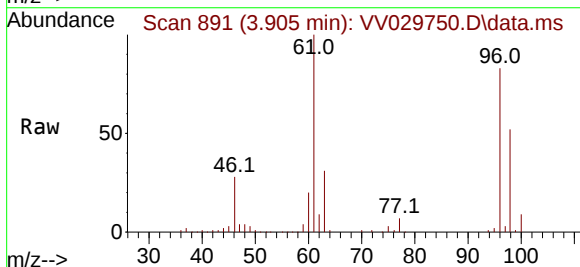
Tgt Ion: 96 Resp: 158932

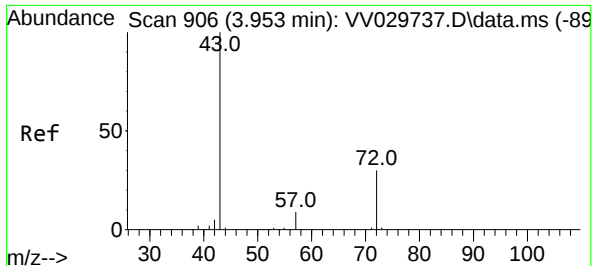
Ion Ratio Lower Upper

96 100

61 120.2 78.0 144.9

68 0.0 0.0 0.0

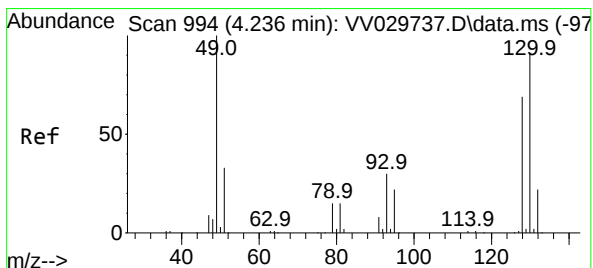
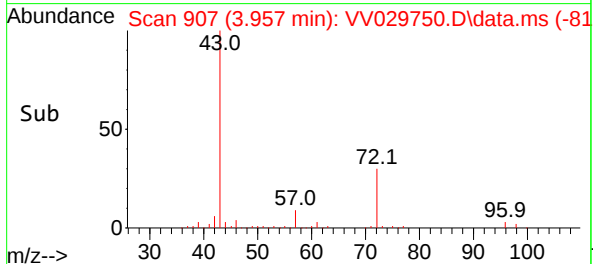
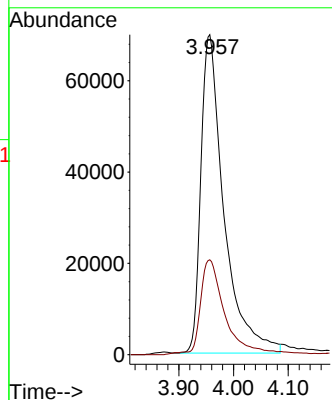
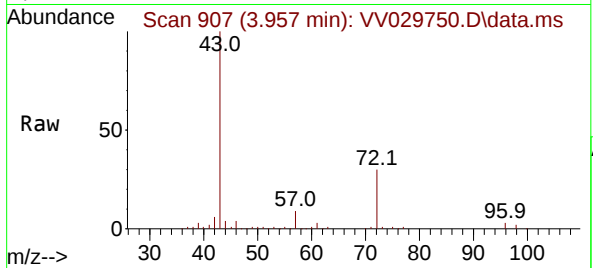




#22
2-Butanone
Concen: 102.120 ug/L
RT: 3.957 min Scan# 906
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

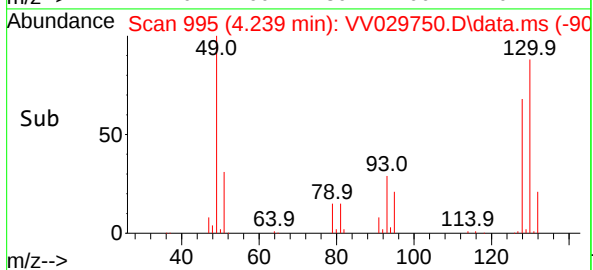
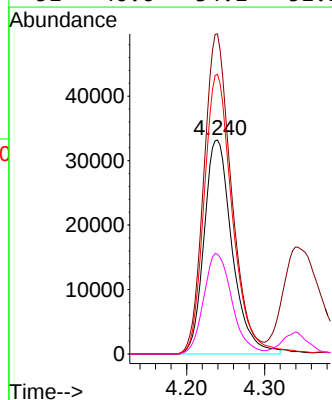
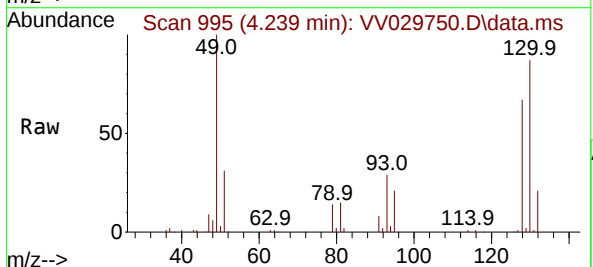
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

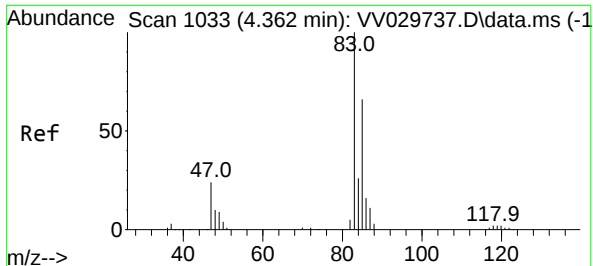
Tgt Ion: 43 Resp: 203791
Ion Ratio Lower Upper
43 100
72 28.9 15.9 47.6



#23
Bromochloromethane
Concen: 46.149 ug/L
RT: 4.239 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion:128 Resp: 82943
Ion Ratio Lower Upper
128 100
49 149.5 92.2 171.2
130 130.7 88.3 164.1
51 46.6 34.1 51.1

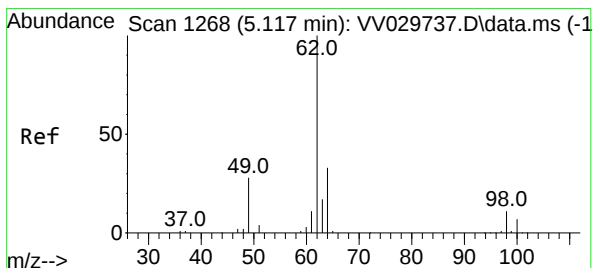
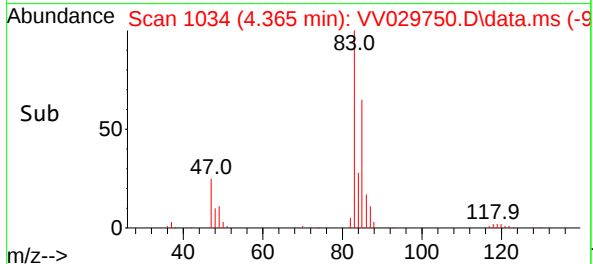
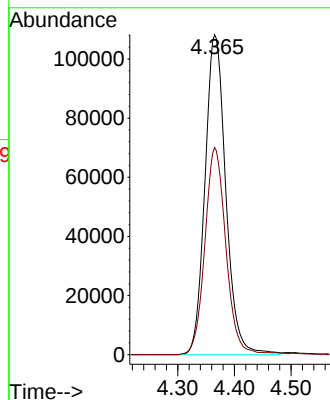
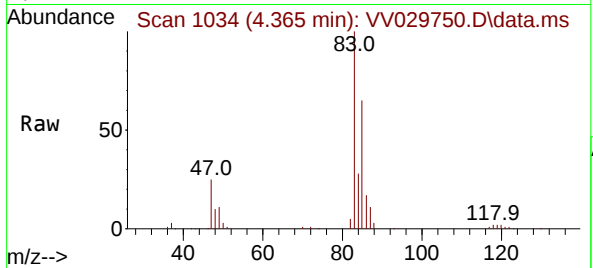




#25
Chloroform
Concen: 49.013 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

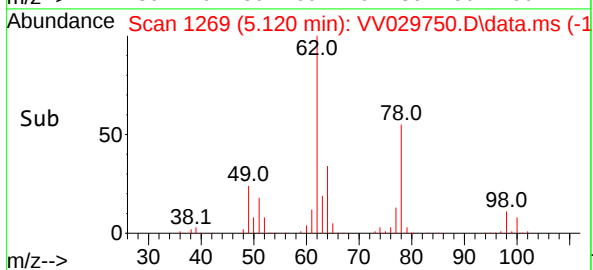
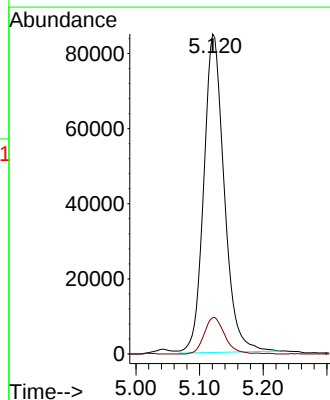
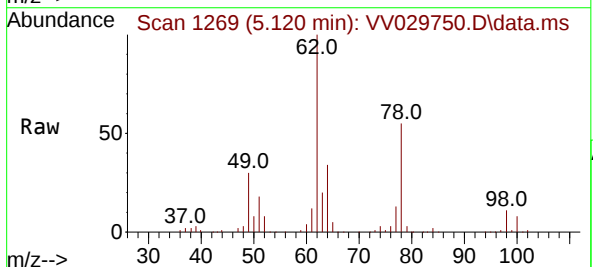
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

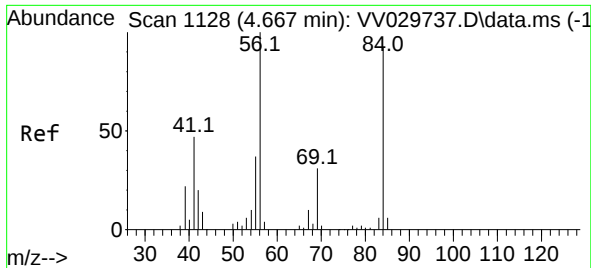
Tgt Ion: 83 Resp: 276309
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 47.641 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 62 Resp: 189721
Ion Ratio Lower Upper
62 100
98 11.3 9.4 14.0

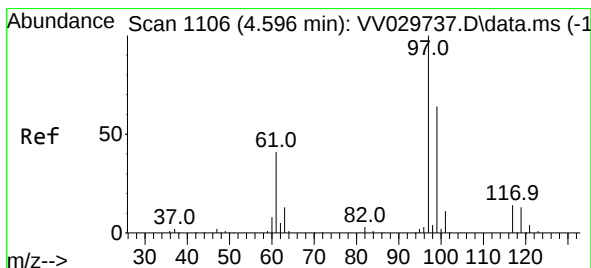
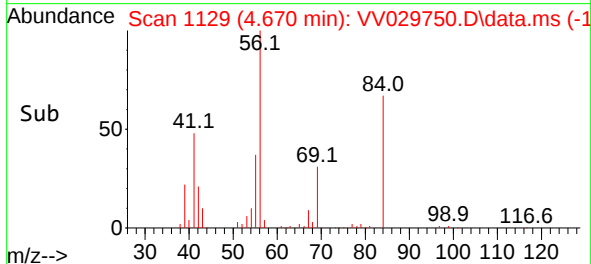
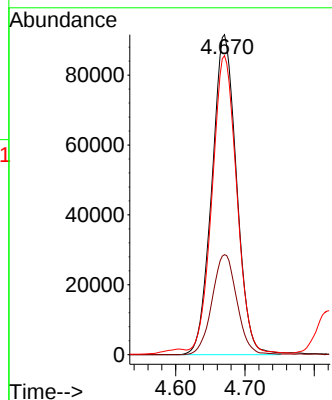
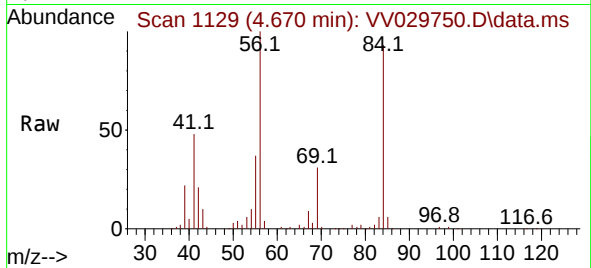




#29
Cyclohexane
Concen: 43.043 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

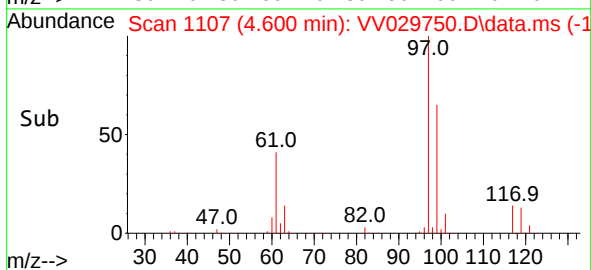
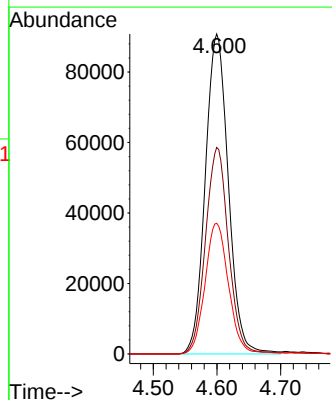
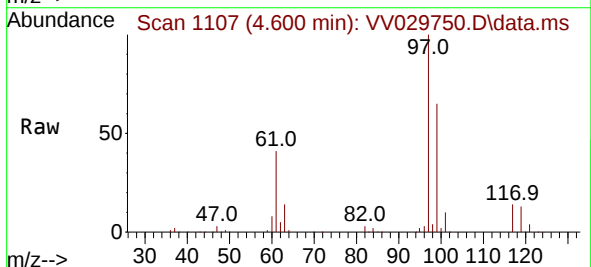
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

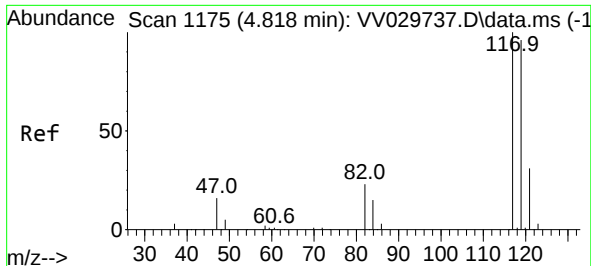
Tgt Ion: 56 Resp: 226035
Ion Ratio Lower Upper
56 100
69 31.5 25.8 38.8
84 94.1 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 43.323 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 97 Resp: 228813
Ion Ratio Lower Upper
97 100
99 64.5 52.1 78.1
61 41.4 31.8 47.8

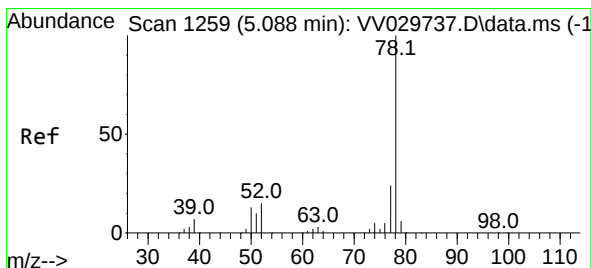
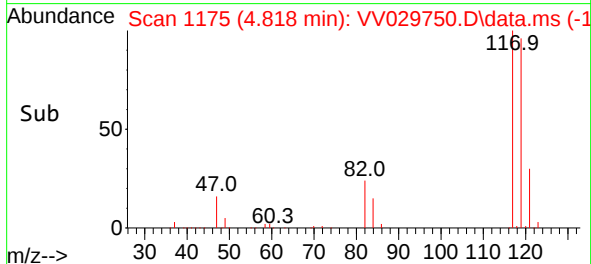
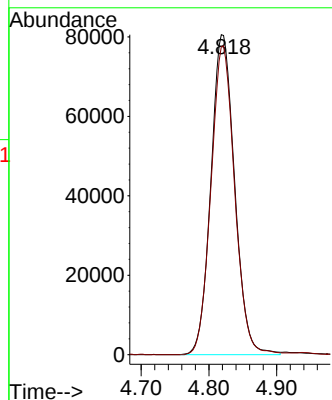
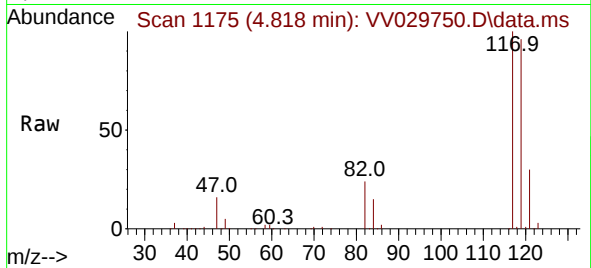




#31
Carbon tetrachloride
Concen: 42.472 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

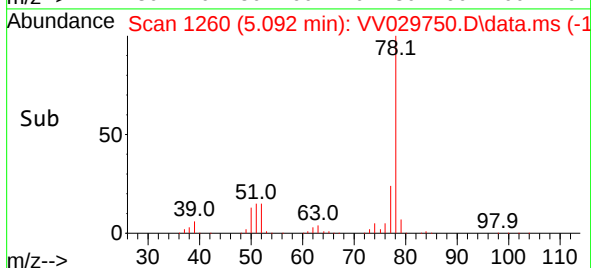
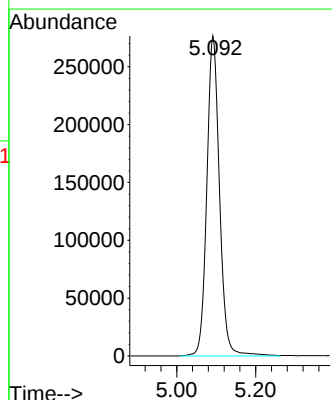
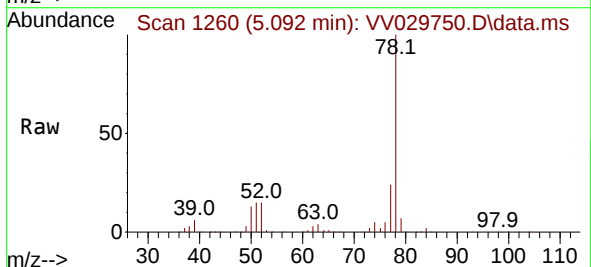
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

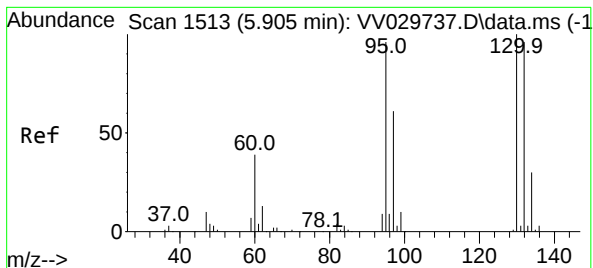
Tgt Ion:117 Resp: 195886
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 45.270 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 78 Resp: 618582





#34

Trichloroethene

Concen: 44.757 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

Tgt Ion: 95 Resp: 153249

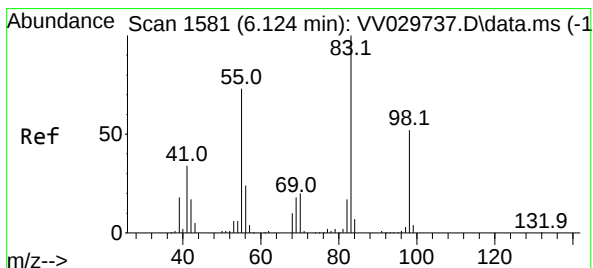
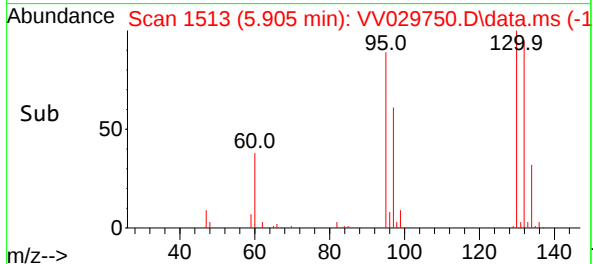
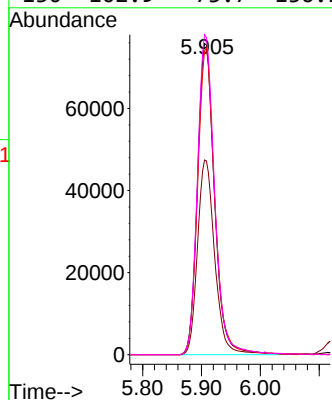
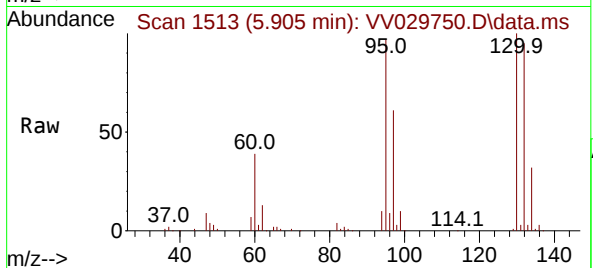
Ion Ratio Lower Upper

95 100

97 62.6 44.0 81.8

132 97.6 69.9 129.9

130 102.9 73.7 136.9



#35

Methylcyclohexane

Concen: 44.232 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

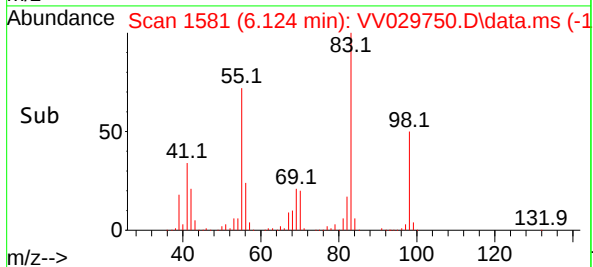
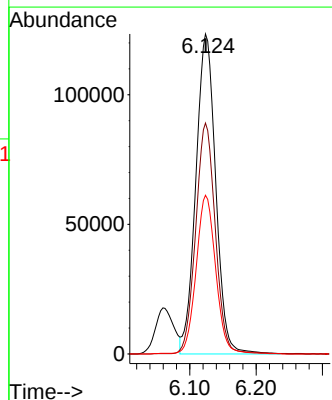
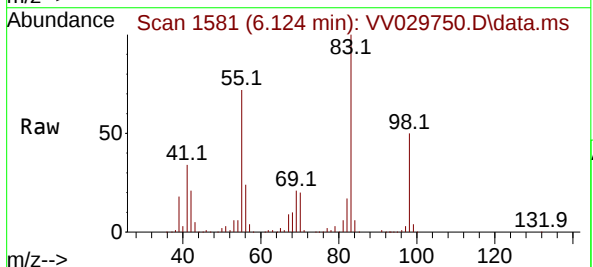
Tgt Ion: 83 Resp: 257232

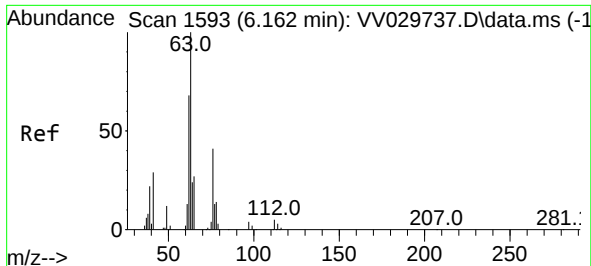
Ion Ratio Lower Upper

83 100

55 70.7 55.5 83.3

98 48.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 47.861 ug/L

RT: 6.165 min Scan# 1593

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

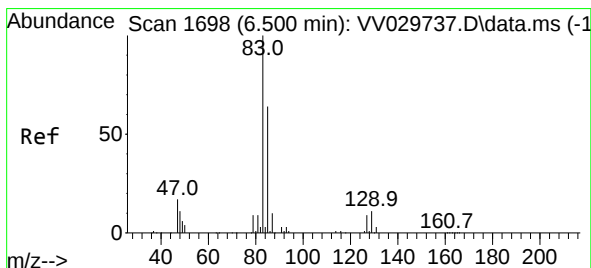
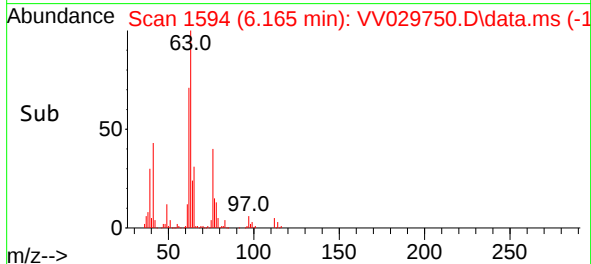
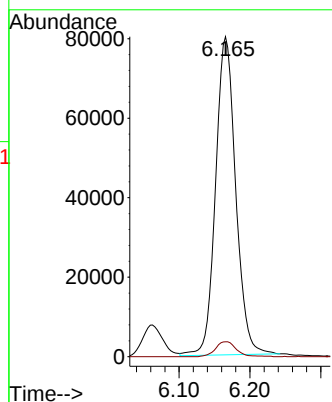
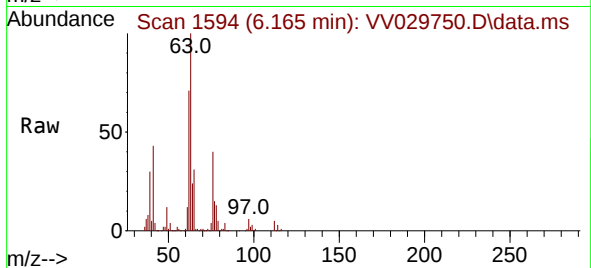
EXGJ0MSD

Tgt Ion: 63 Resp: 157845

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 44.626 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

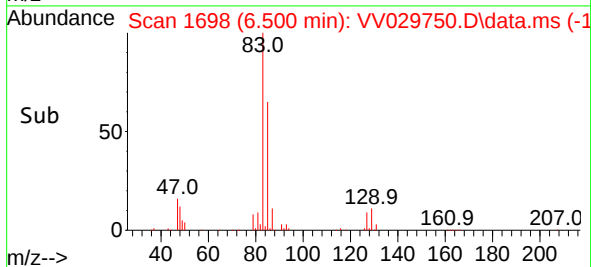
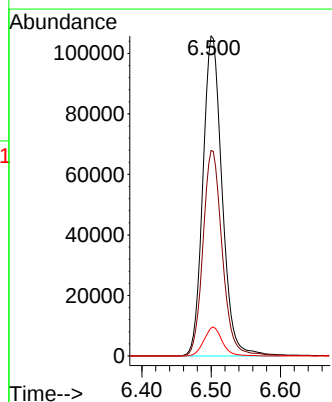
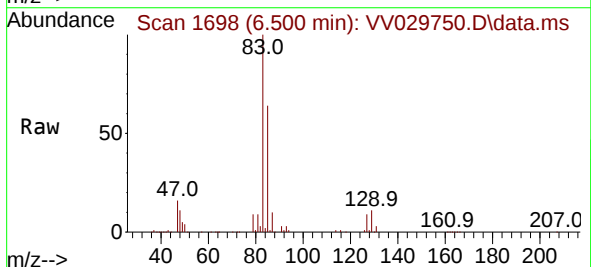
Tgt Ion: 83 Resp: 203172

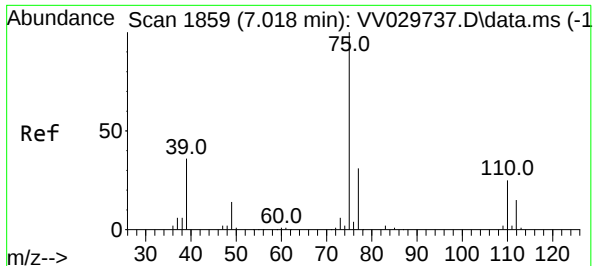
Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 42.061 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

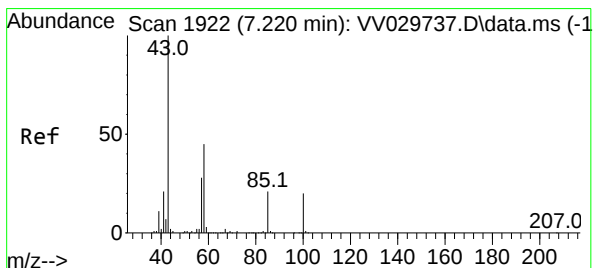
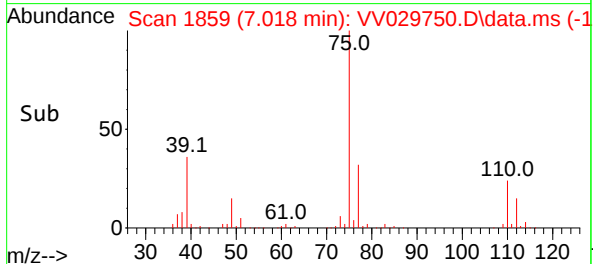
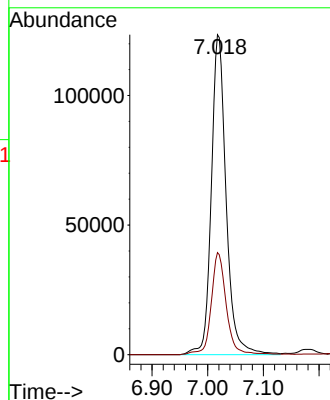
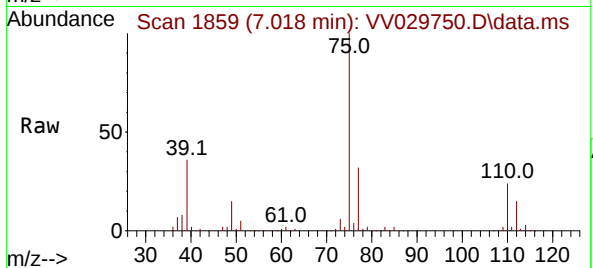
EXGJ0MSD

Tgt Ion: 75 Resp: 228135

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.140 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

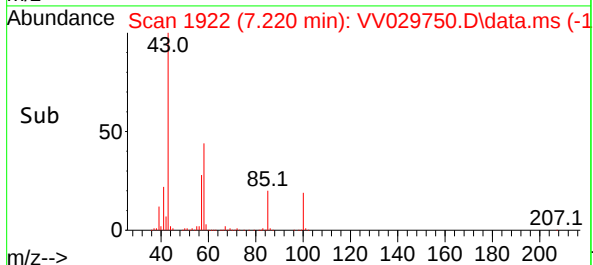
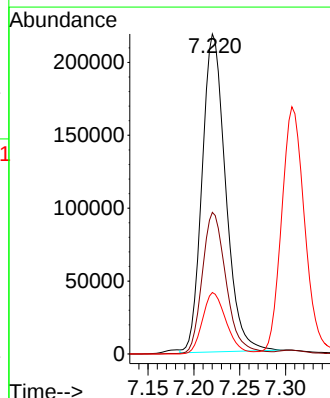
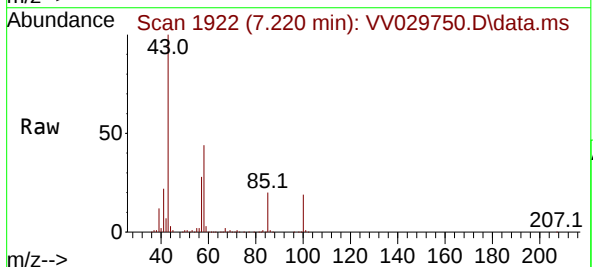
Tgt Ion: 43 Resp: 389838

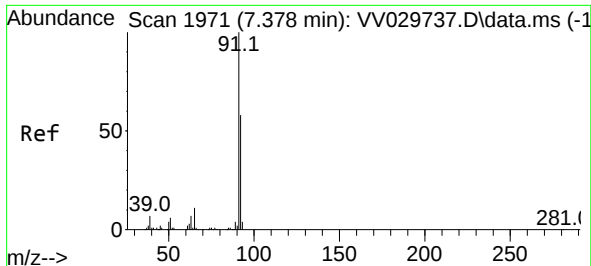
Ion Ratio Lower Upper

43 100

58 45.2 37.5 56.3

100 19.4 16.7 25.1





#42

Toluene

Concen: 44.538 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

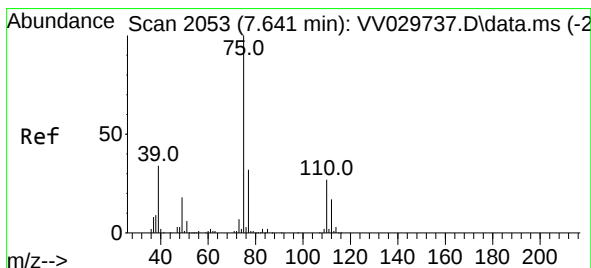
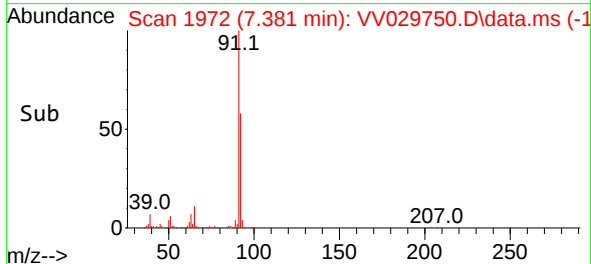
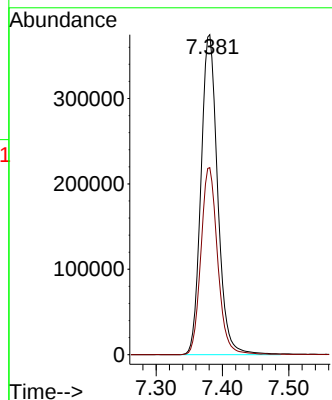
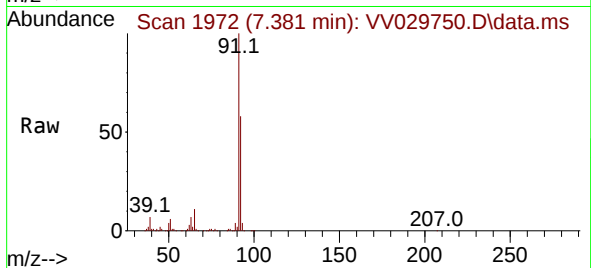
EXGJ0MSD

Tgt Ion: 91 Resp: 655026

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 42.413 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029750.D

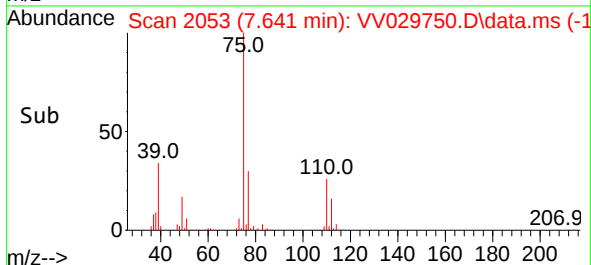
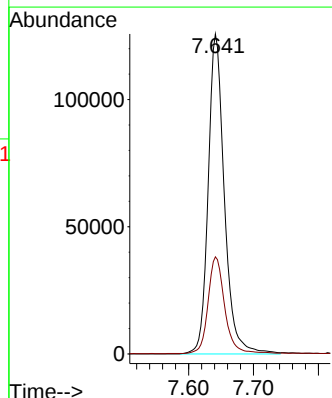
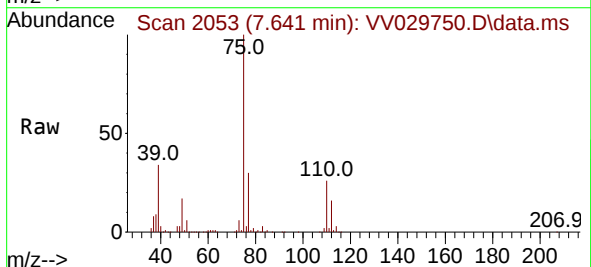
Acq: 20 Dec 2022 14:47

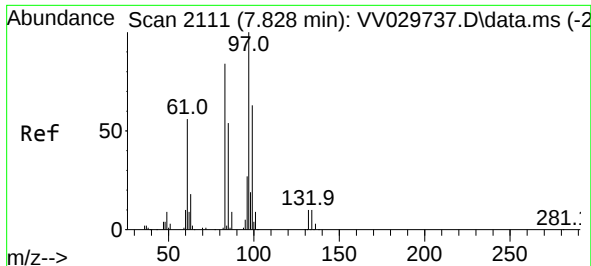
Tgt Ion: 75 Resp: 217857

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 46.782 ug/L

RT: 7.828 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

Tgt Ion: 97 Resp: 159396

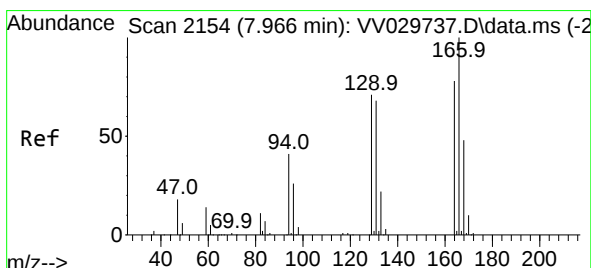
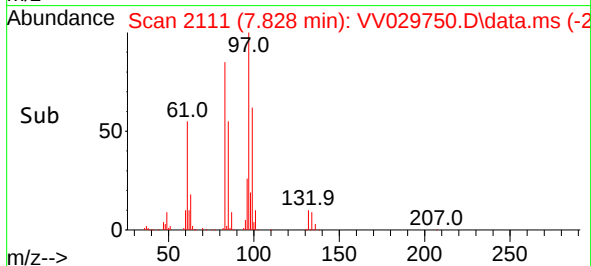
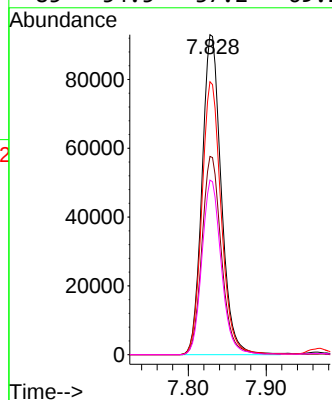
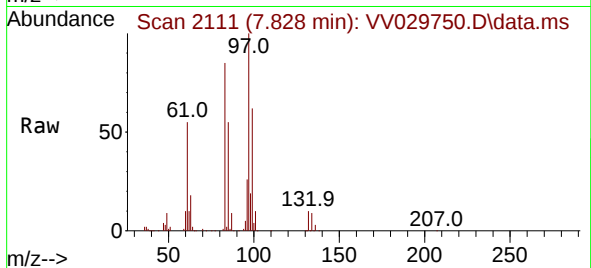
Ion Ratio Lower Upper

97 100

99 62.0 43.8 81.3

83 85.3 58.6 108.8

85 54.5 37.2 69.2



#46

Tetrachloroethene

Concen: 45.138 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Tgt Ion:164 Resp: 124260

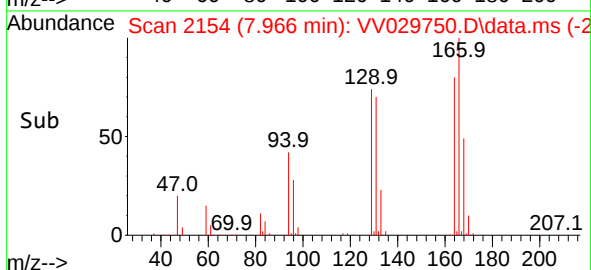
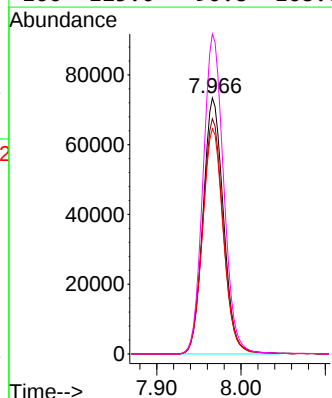
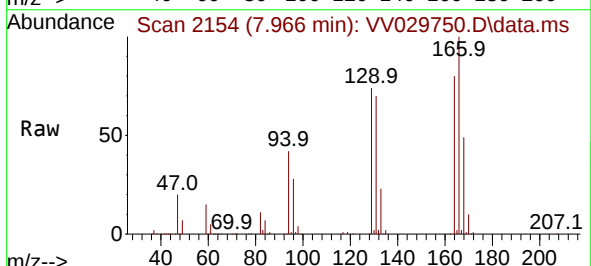
Ion Ratio Lower Upper

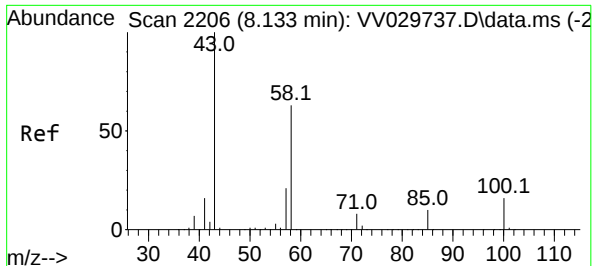
164 100

129 91.9 65.3 121.3

131 88.0 63.1 117.1

166 125.0 90.8 168.6



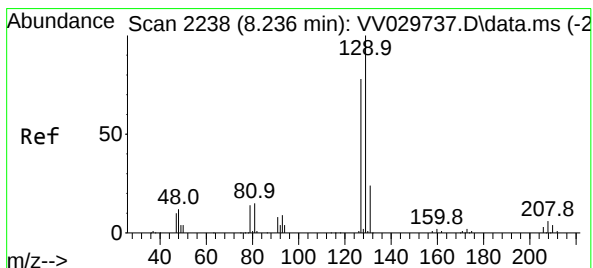
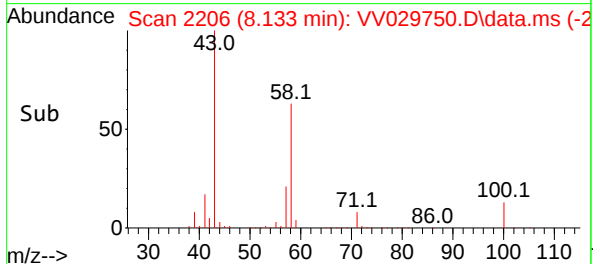
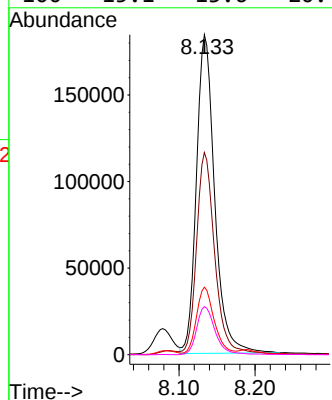
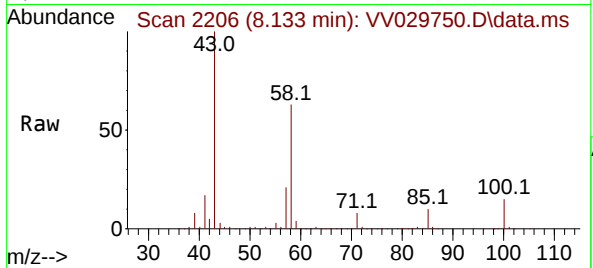


#48
2-Hexanone
Concen: 102.360 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

Tgt Ion: 43 Resp: 307510

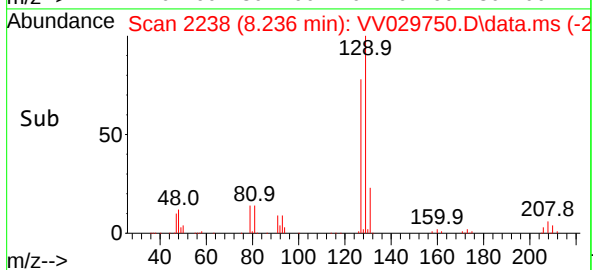
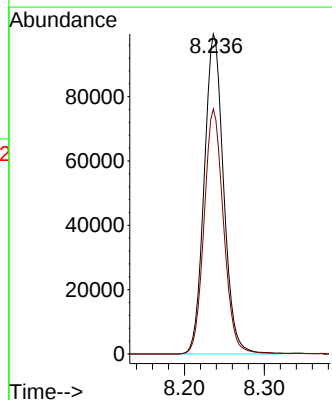
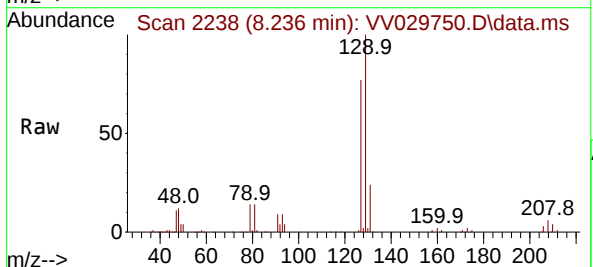
Ion	Ratio	Lower	Upper
43	100		
58	63.7	54.1	81.1
57	20.3	17.4	26.0
100	15.1	13.6	20.4

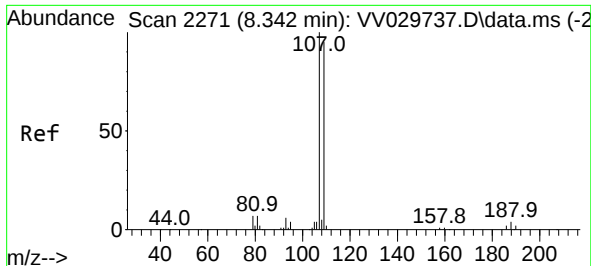


#49
Dibromochloromethane
Concen: 44.633 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 129 Resp: 167896

Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.2	102.4





#50

1,2-Dibromoethane

Concen: 45.459 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

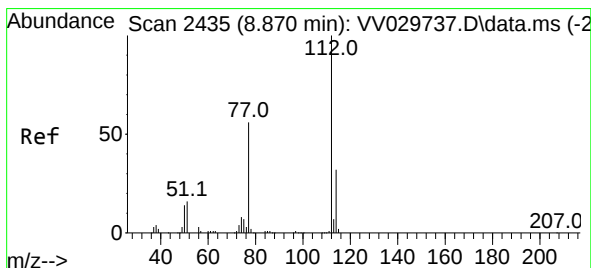
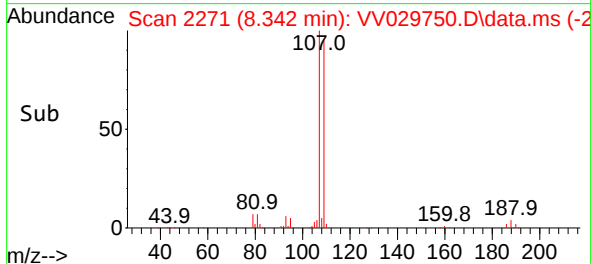
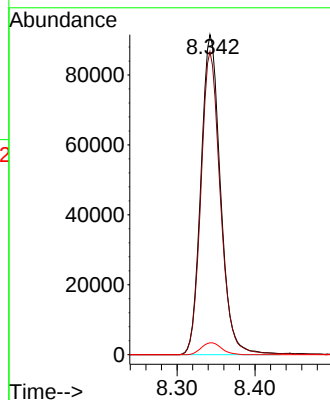
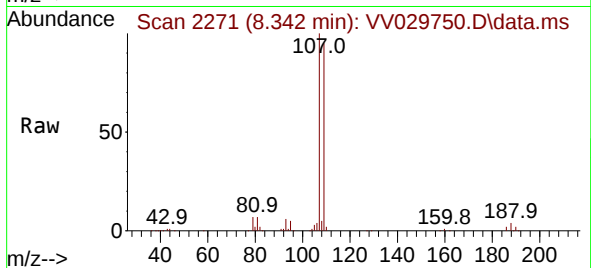
Tgt Ion:107 Resp: 159571

Ion Ratio Lower Upper

107 100

109 94.7 66.0 122.6

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 46.050 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

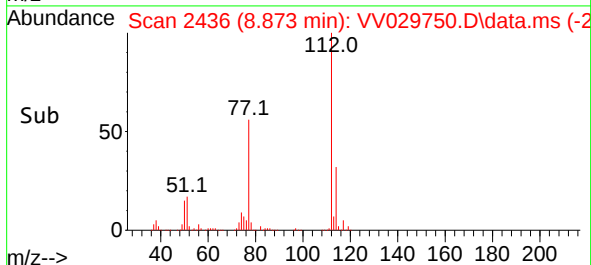
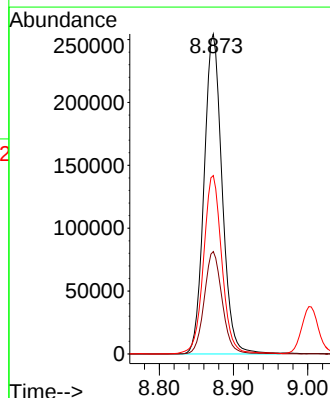
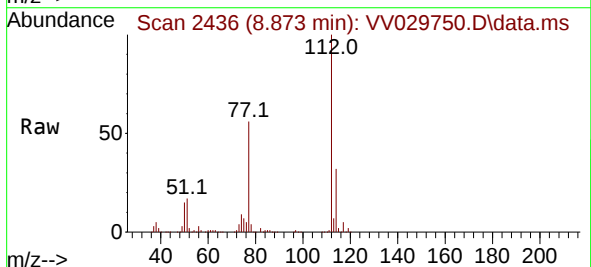
Tgt Ion:112 Resp: 428866

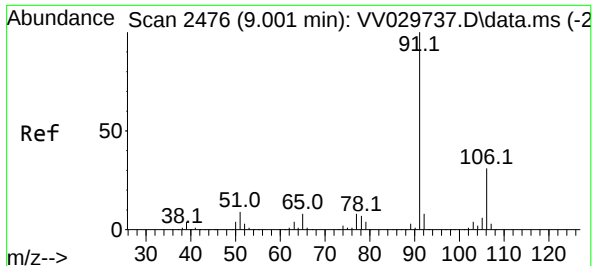
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 55.8 45.0 67.4

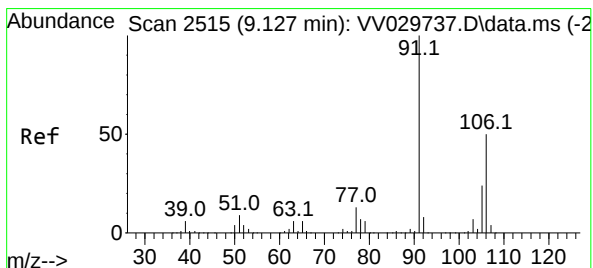
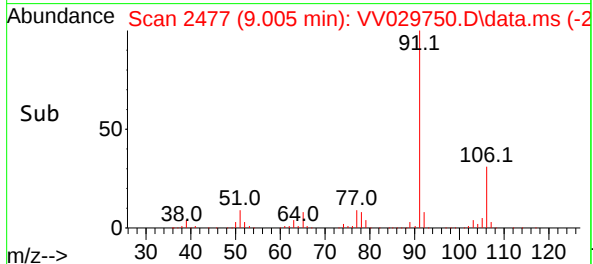
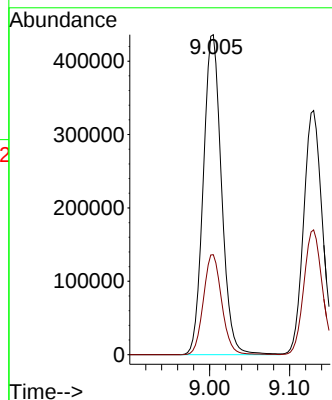
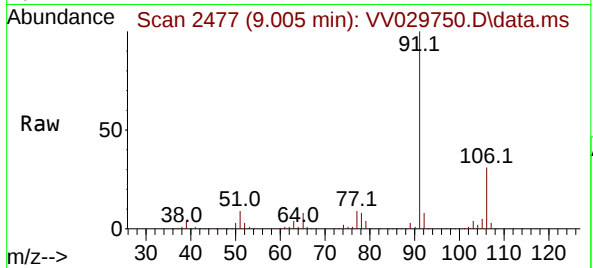




#52
Ethylbenzene
Concen: 44.723 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

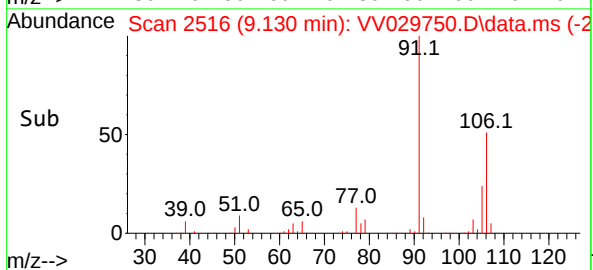
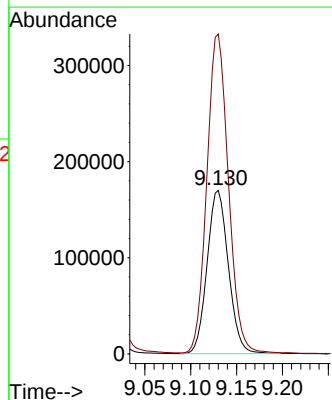
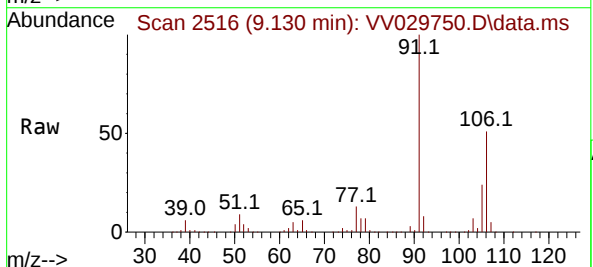
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

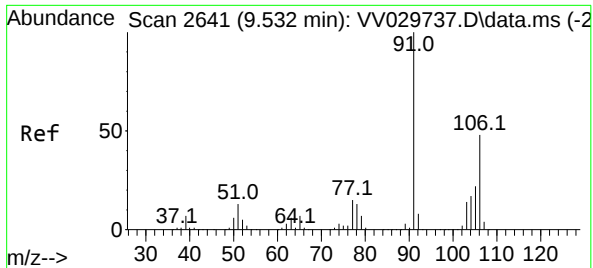
Tgt Ion: 91 Resp: 691523
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 44.775 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 106 Resp: 274018
Ion Ratio Lower Upper
106 100
91 195.6 139.5 259.1

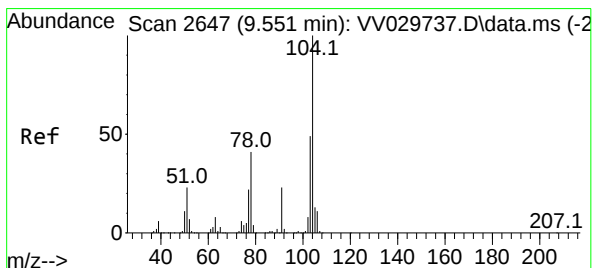
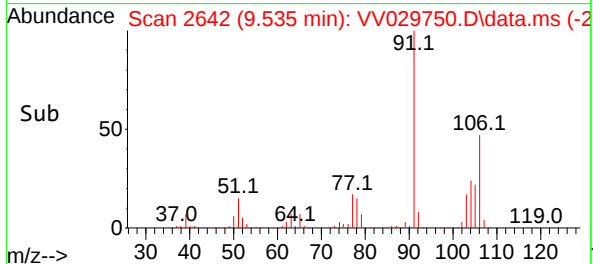
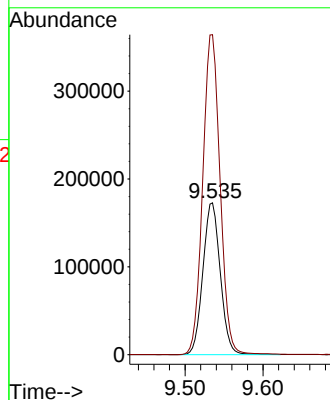
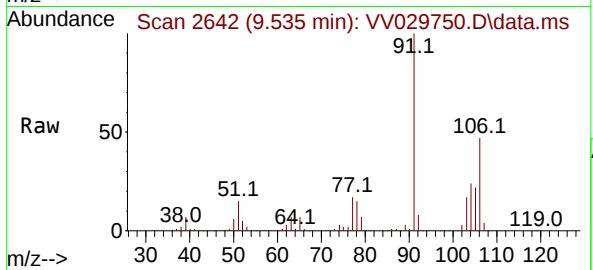




#54
o-Xylene
Concen: 44.256 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

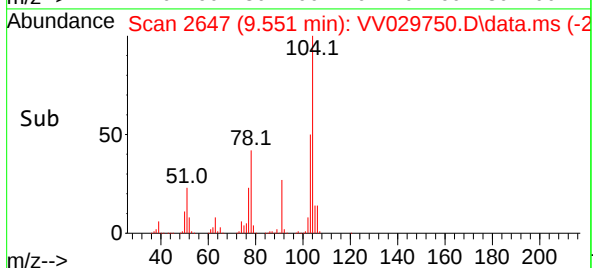
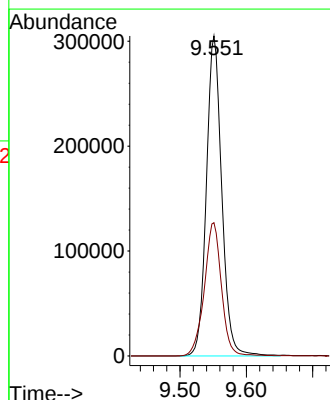
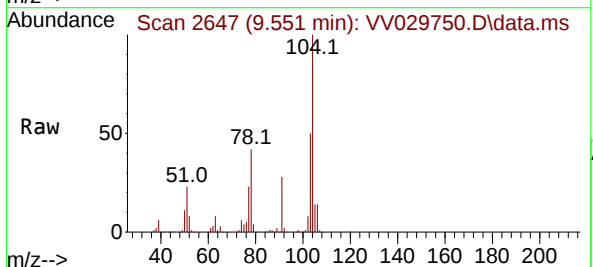
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

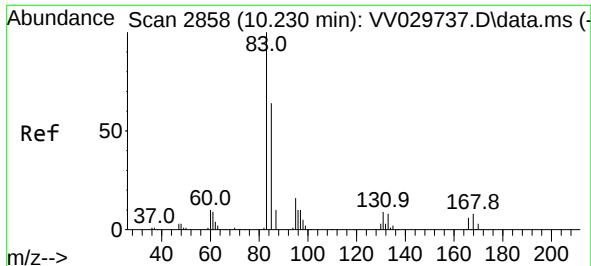
Tgt Ion:106 Resp: 267905
Ion Ratio Lower Upper
106 100
91 210.7 148.0 274.8



#55
Styrene
Concen: 46.720 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion:104 Resp: 491493
Ion Ratio Lower Upper
104 100
78 41.6 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 48.277 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

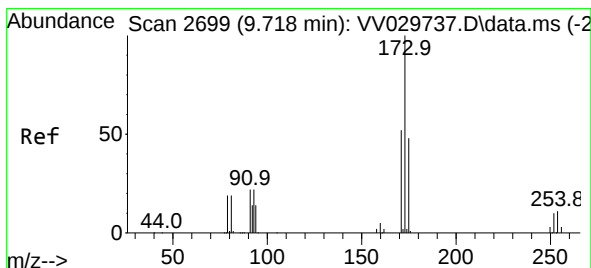
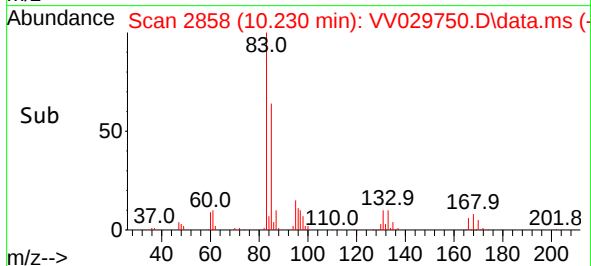
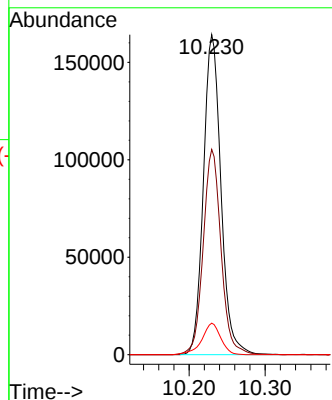
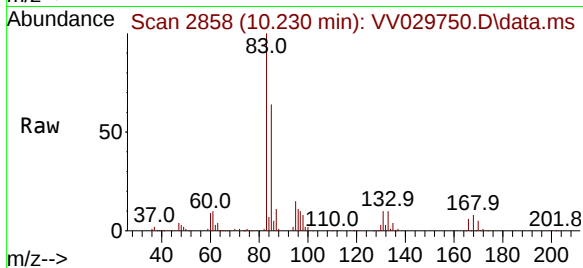
Tgt Ion: 83 Resp: 263121

Ion Ratio Lower Upper

83 100

85 64.2 45.7 84.9

131 9.8 7.9 11.9



#59

Bromoform

Concen: 41.497 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

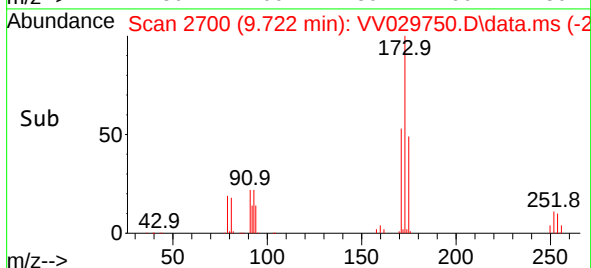
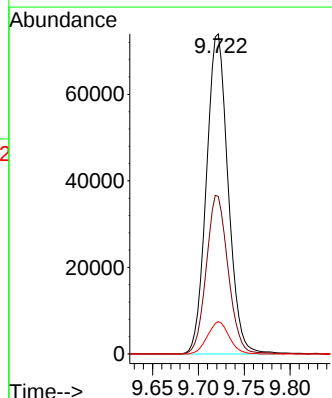
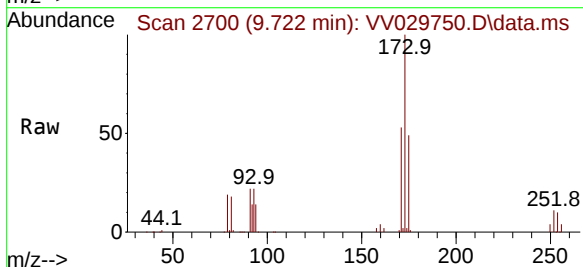
Tgt Ion:173 Resp: 121798

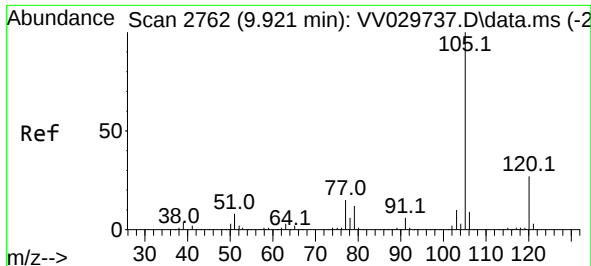
Ion Ratio Lower Upper

173 100

175 49.8 38.4 57.6

254 10.1 7.8 11.8

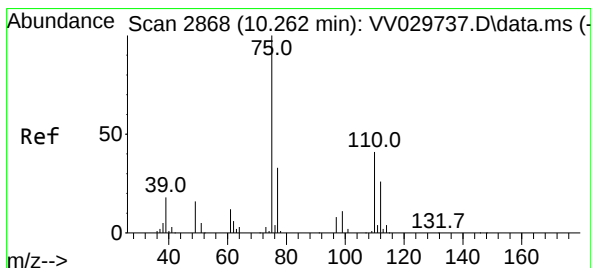
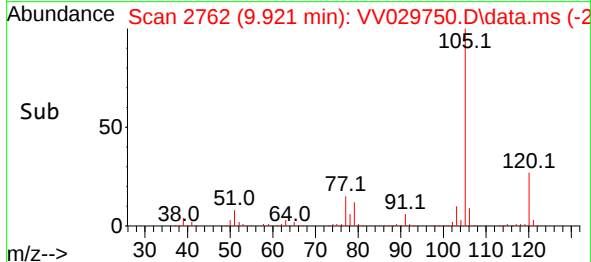
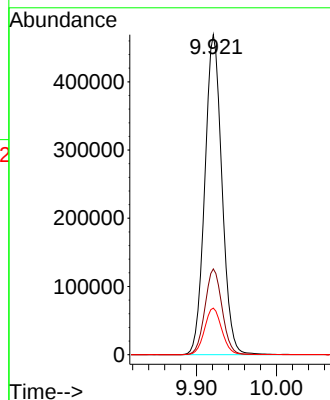
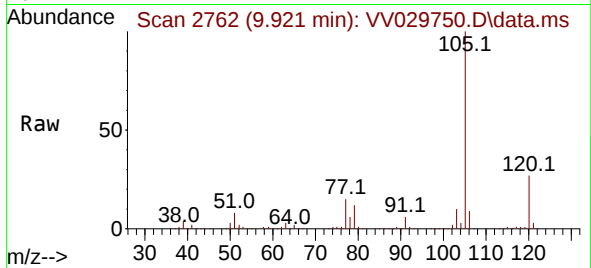




#60
Isopropylbenzene
Concen: 44.890 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

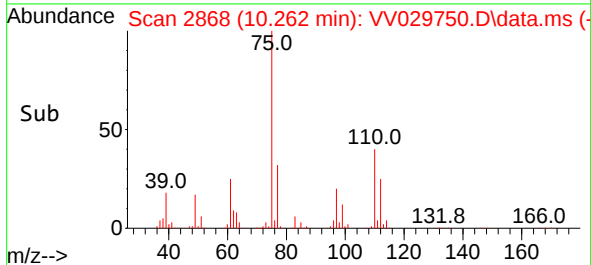
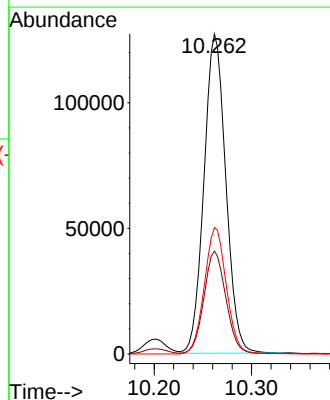
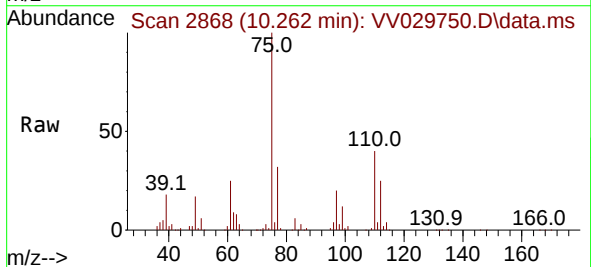
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

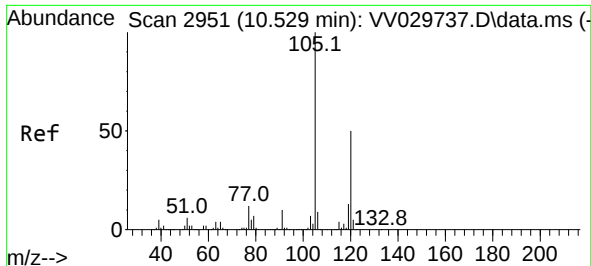
Tgt Ion:105 Resp: 700259
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 48.178 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 75 Resp: 197591
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 39.9 32.7 49.1

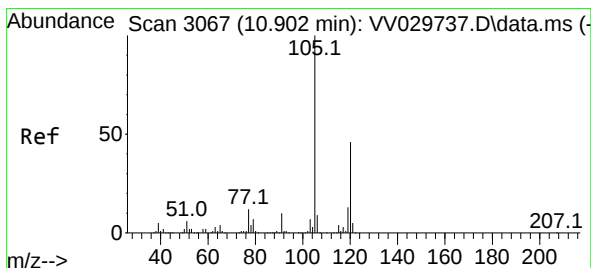
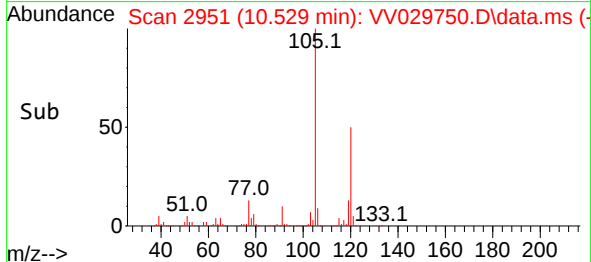
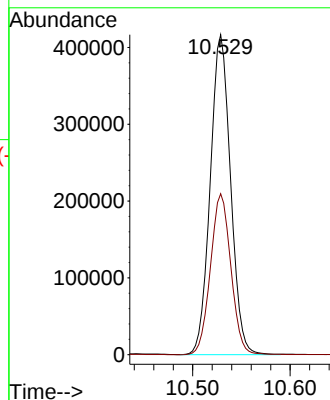
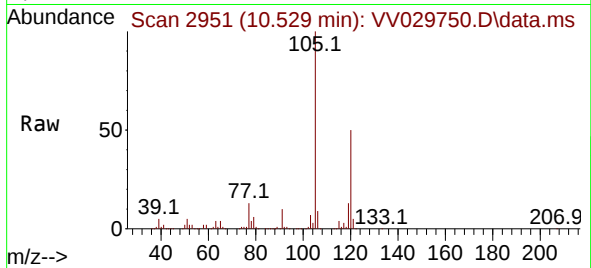




#62
1,3,5-Trimethylbenzene
Concen: 43.840 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

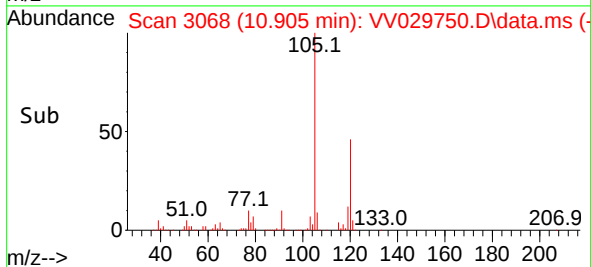
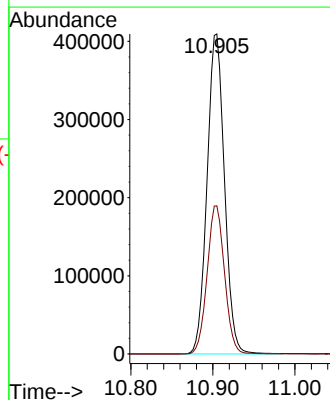
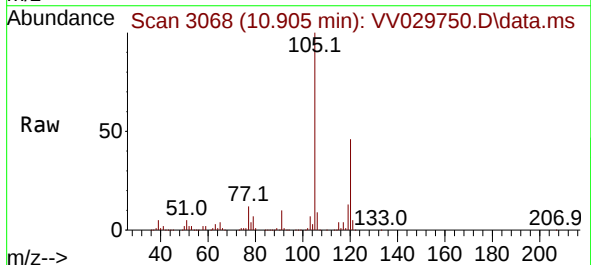
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

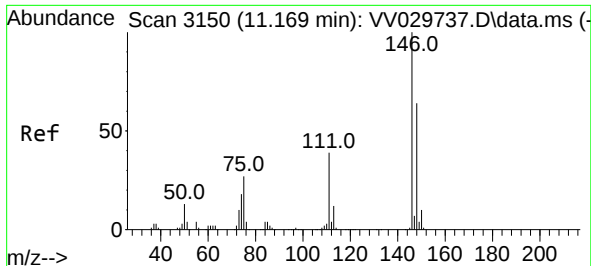
Tgt Ion:105 Resp: 604672
Ion Ratio Lower Upper
105 100
120 50.5 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 44.188 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion:105 Resp: 604144
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1

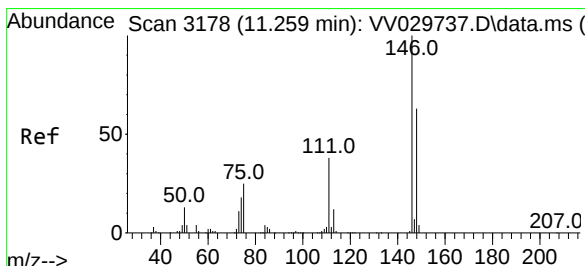
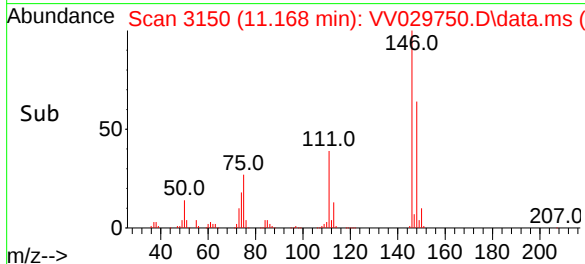
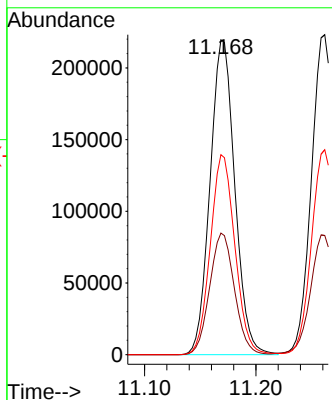
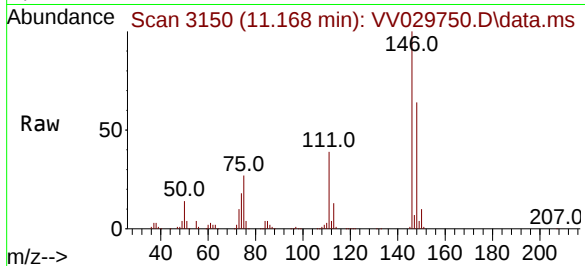




#64
1,3-Dichlorobenzene
Concen: 44.462 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

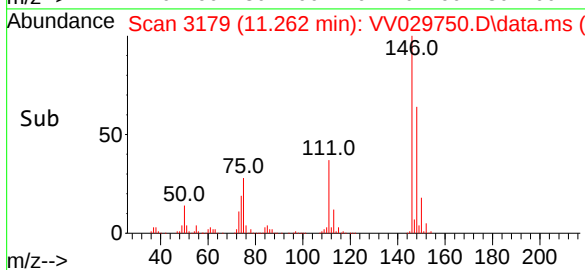
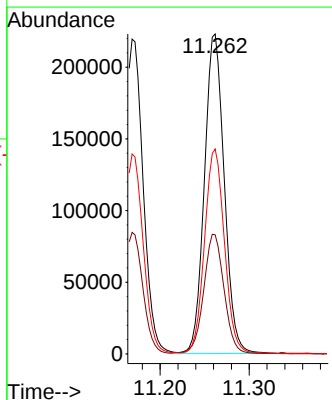
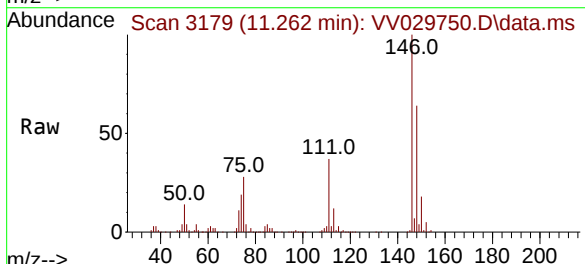
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

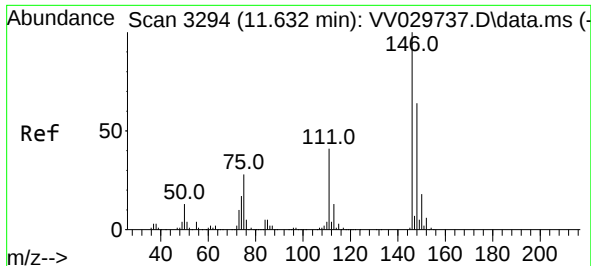
Tgt Ion:146 Resp: 339130
Ion Ratio Lower Upper
146 100
111 38.6 27.4 51.0
148 63.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 44.387 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion:146 Resp: 344070
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 64.0 44.7 83.1

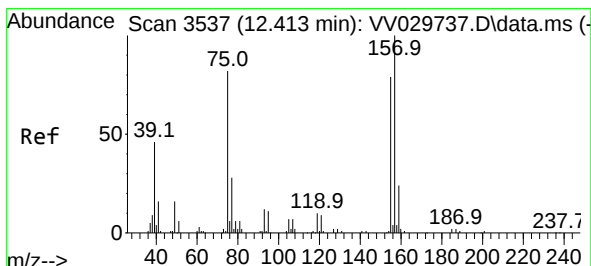
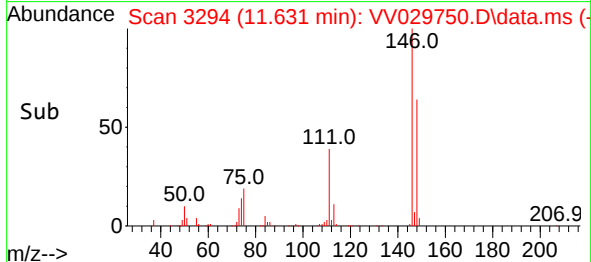
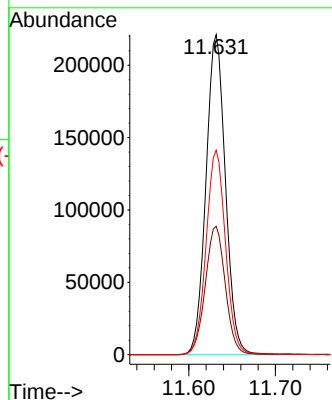
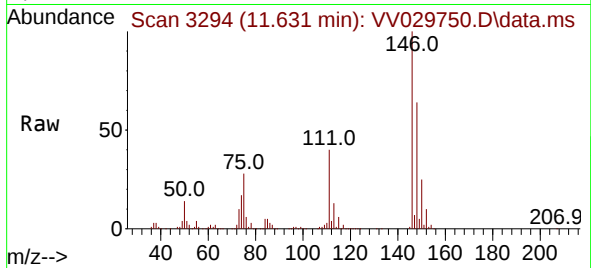




#67
1,2-Dichlorobenzene
Concen: 44.309 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

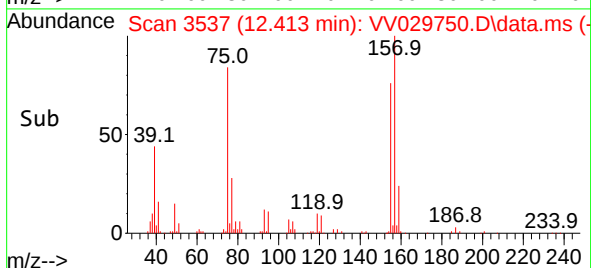
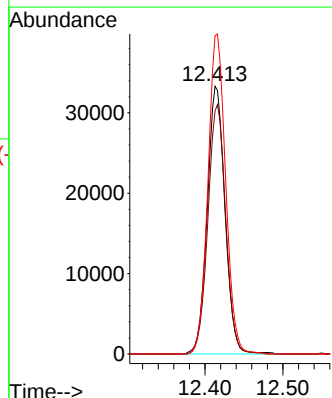
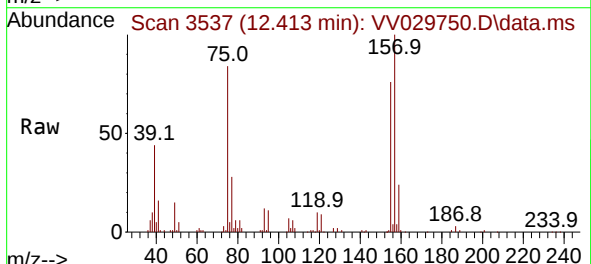
Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

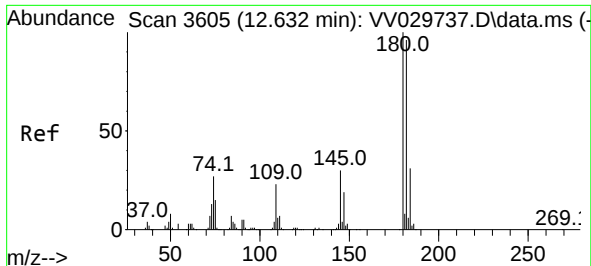
Tgt Ion:146 Resp: 345593
Ion Ratio Lower Upper
146 100
111 40.1 32.0 48.0
148 63.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 41.336 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion: 75 Resp: 52690
Ion Ratio Lower Upper
75 100
155 90.9 76.2 114.2
157 118.9 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 42.849 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

EXGJ0MSD

Tgt Ion:180 Resp: 260091

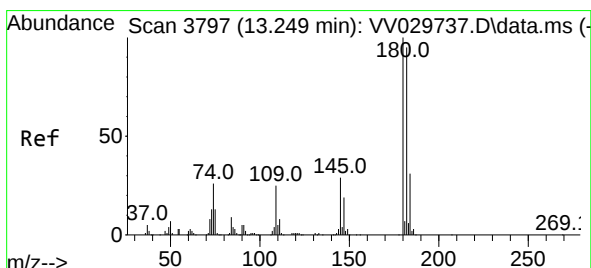
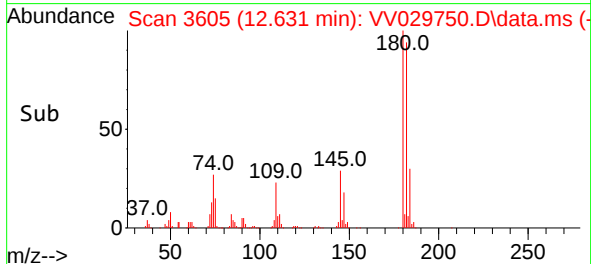
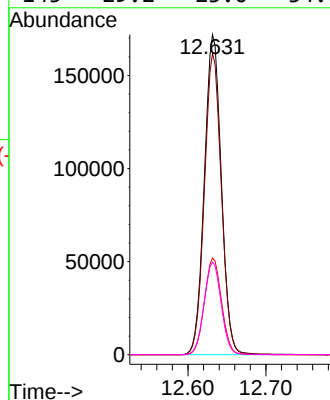
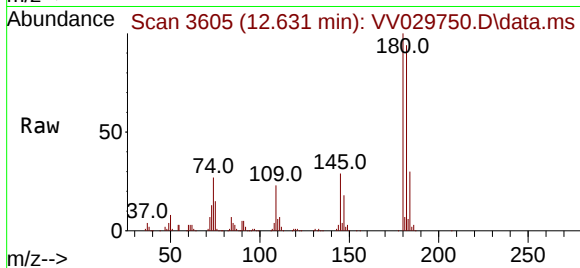
Ion Ratio Lower Upper

180 100

182 93.9 76.5 114.7

184 30.4 24.6 36.8

145 29.2 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 42.952 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

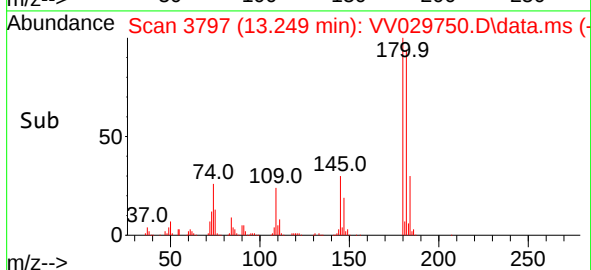
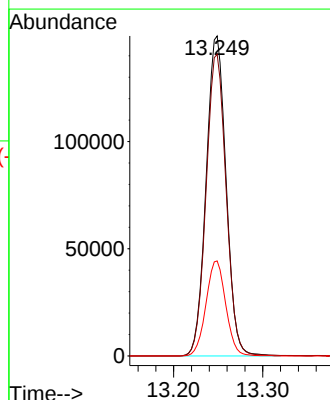
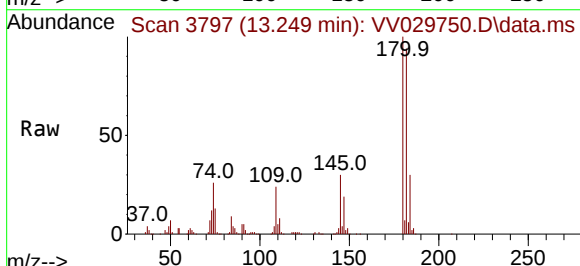
Tgt Ion:180 Resp: 231839

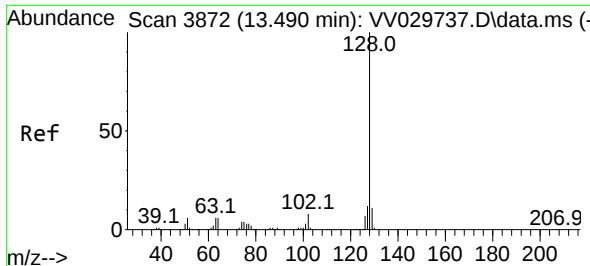
Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 29.5 23.7 35.5

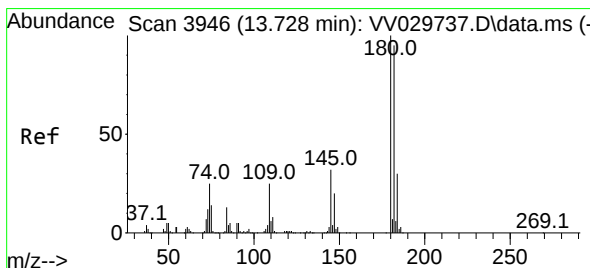
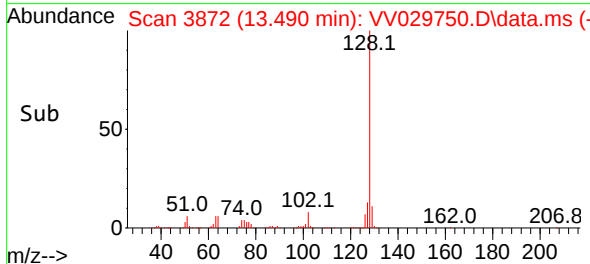
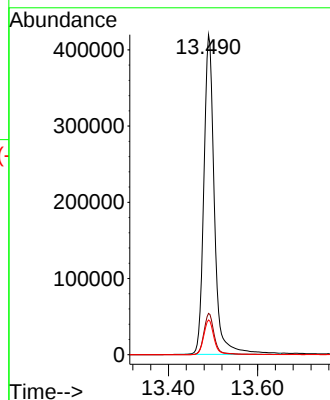
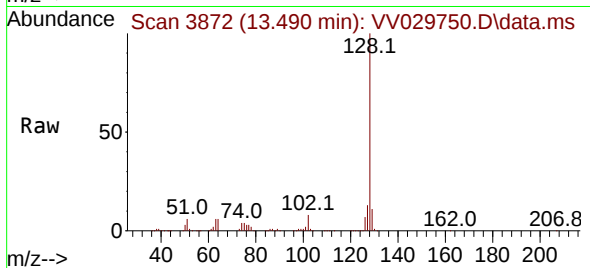




#71
Naphthalene
Concen: 56.371 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Instrument :
MSVOA_V
ClientSampleId :
EXGJ0MSD

Tgt Ion:128 Resp: 690169
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.5 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 44.916 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV029750.D
Acq: 20 Dec 2022 14:47

Tgt Ion:180 Resp: 237462
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
145 31.6 25.0 37.6

