

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028067.D
 Acq On : 22 Sep 2022 17:46
 Operator : SY/MD
 Sample : VSTD02050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 03:56:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	192362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	190023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	107887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	426701	25.810	ug/L	0.00
7) Chloroethane-d5	1.561	69	338890	23.890	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	710208	25.987	ug/L	0.00
20) 2-Butanone-d5	3.883	46	770349	283.925	ug/L	0.00
24) Chloroform-d	4.339	84	660525	24.172	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	313177	26.589	ug/L	0.00
32) Benzene-d6	5.040	84	1335307	26.889	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	389880	24.067	ug/L	0.00
41) Toluene-d8	7.310	98	1234995	27.443	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	155670	28.359	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	745242	316.284	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.211	84	286805	22.449	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	438088	24.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	292425	20.258	ug/L	93
3) Chloromethane	1.237	50	284323	16.887	ug/L	98
5) Vinyl chloride	1.304	62	309371	18.524	ug/L	100
6) Bromomethane	1.516	94	195633	17.316	ug/L	96
8) Chloroethane	1.577	64	201298	17.941	ug/L	100
9) Trichlorofluoromethane	1.745	101	501259	19.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	278970	17.963	ug/L	100
12) 1,1-Dichloroethene	2.108	96	247710	17.975	ug/L	92
13) Acetone	2.182	43	432239	209.353	ug/L	99
14) Carbon disulfide	2.285	76	509310	18.355	ug/L	99
15) Methyl Acetate	2.433	43	100585	22.529	ug/L	# 91
16) Methylene chloride	2.497	84	270971	17.727	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	621527	23.860	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	240058	18.698	ug/L	99
19) 1,1-Dichloroethane	3.179	63	502878	20.055	ug/L	98
21) 2-Butanone	3.966	43	647695	256.706	ug/L	95
22) cis-1,2-Dichloroethene	3.899	96	298767	20.599	ug/L	99
23) Bromochloromethane	4.240	128	124480	19.191	ug/L	90
25) Chloroform	4.365	83	534341	19.381	ug/L	98
27) 1,2-Dichloroethane	5.124	62	301208	22.525	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	463909	21.381	ug/L	99
30) Cyclohexane	4.667	56	367713	23.380	ug/L	93
31) Carbon tetrachloride	4.818	117	394023	20.599	ug/L	100
33) Benzene	5.092	78	1088050	20.705	ug/L	100
34) Trichloroethene	5.905	95	272411	20.842	ug/L	98
35) Methylcyclohexane	6.124	83	404467	21.900	ug/L	96
37) 1,2-Dichloropropane	6.166	63	286144	20.175	ug/L	100
38) Bromodichloromethane	6.503	83	371579	20.369	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	417915	23.517	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	1584250	257.195	ug/L	97
42) Toluene	7.381	91	1169834	20.962	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	355020	23.835	ug/L	95

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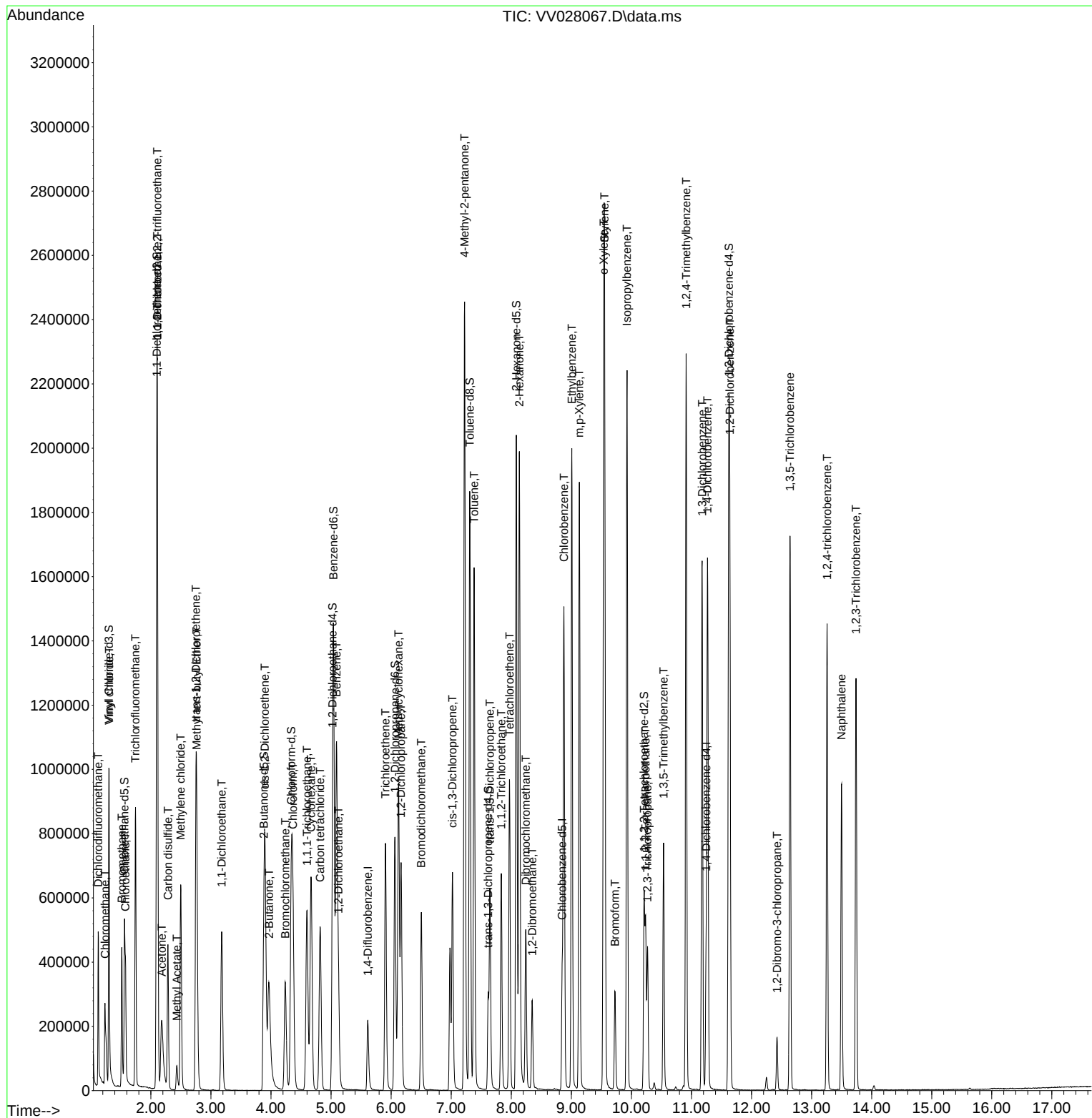
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	207416	20.278	ug/L	99
47) Tetrachloroethene	7.973	164	217343	19.083	ug/L	99
48) 2-Hexanone	8.137	43	1235959	280.072	ug/L	99
49) Dibromochloromethane	8.243	129	248777	20.037	ug/L	99
50) 1,2-Dibromoethane	8.349	107	180960	20.229	ug/L	100
51) Chlorobenzene	8.876	112	775292	20.074	ug/L	98
52) Ethylbenzene	9.008	91	1342197	23.121	ug/L	100
53) m,p-Xylene	9.133	106	519910	23.202	ug/L	100
54) o-Xylene	9.539	106	514314	22.963	ug/L	96
55) Styrene	9.555	104	904991	23.248	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	248991	19.380	ug/L	99
59) Bromoform	9.725	173	136697	18.976	ug/L	99
60) Isopropylbenzene	9.928	105	1399965	22.666	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	179335	21.542	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	394488	23.572	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1178564	24.320	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	656886	19.849	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	648125	19.522	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	608686	19.978	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	40534	21.724	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	520364	19.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	430285	20.595	ug/L	99
71) Naphthalene	13.500	128	727240	23.413	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	392721	21.103	ug/L	98

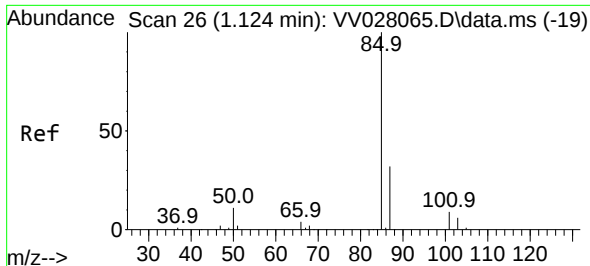
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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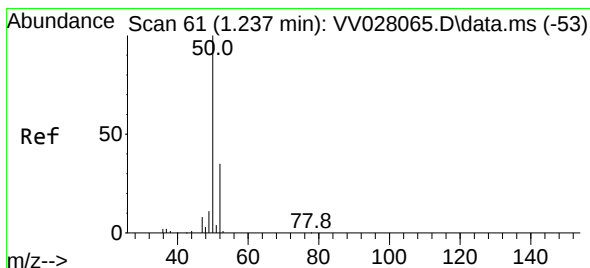
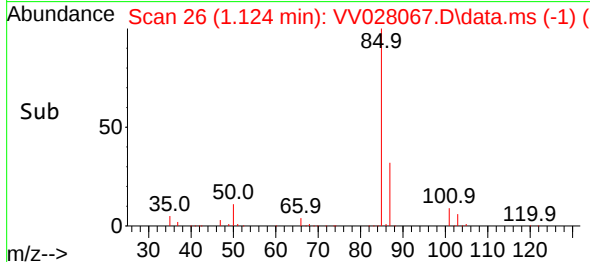
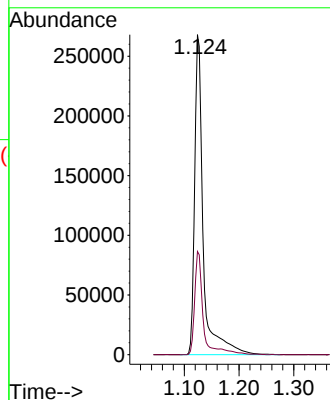
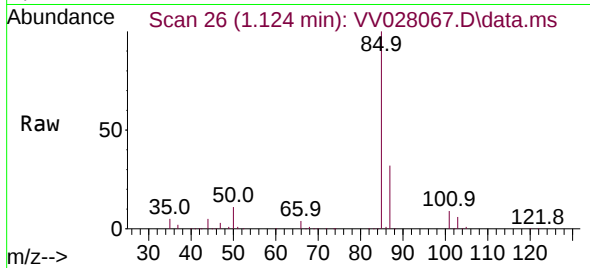




#2
 Dichlorodifluoromethane
 Concen: 20.258 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028067.D
 Acq: 22 Sep 2022 17:46

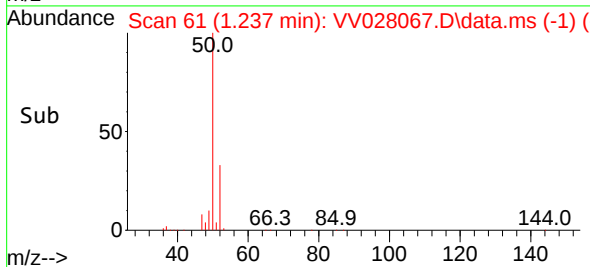
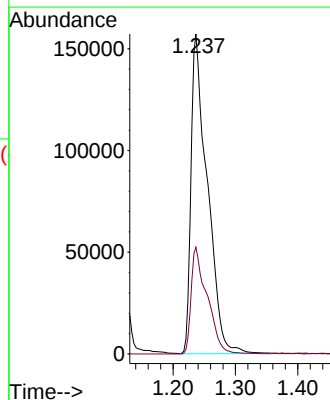
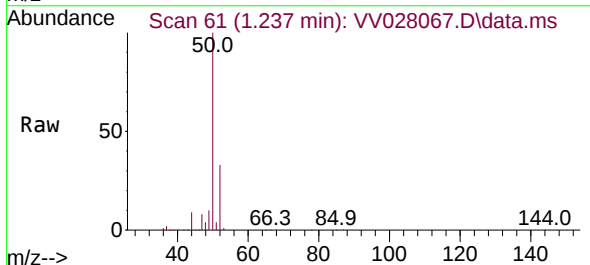
Instrument :
 MSVOA_V
 ClientSampleId :

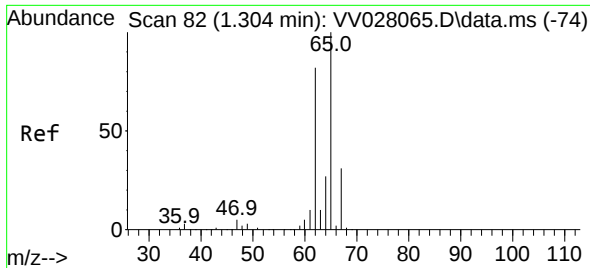
Tgt Ion: 85 Resp: 292425
 Ion Ratio Lower Upper
 85 100
 87 32.2 22.8 34.2



#3
 Chloromethane
 Concen: 16.887 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028067.D
 Acq: 22 Sep 2022 17:46

Tgt Ion: 50 Resp: 284323
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.4 45.2

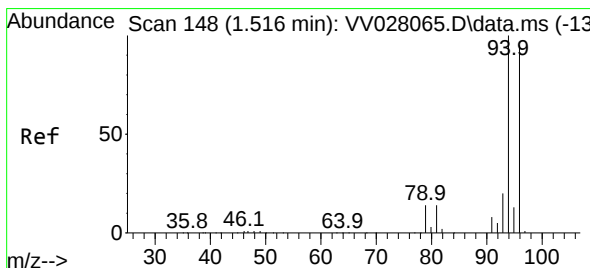
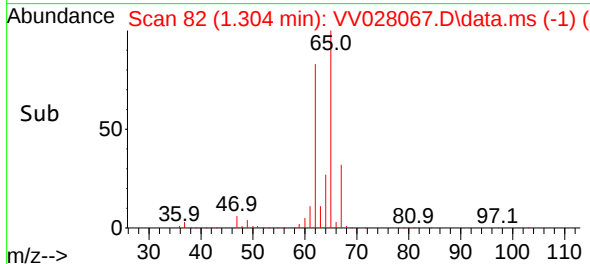
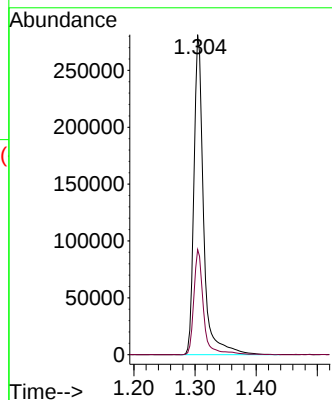
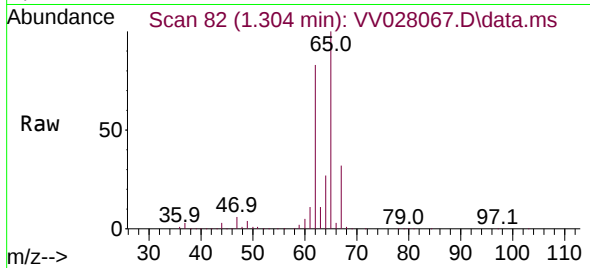




#5
 Vinyl chloride
 Concen: 18.524 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028067.D
 Acq: 22 Sep 2022 17:46

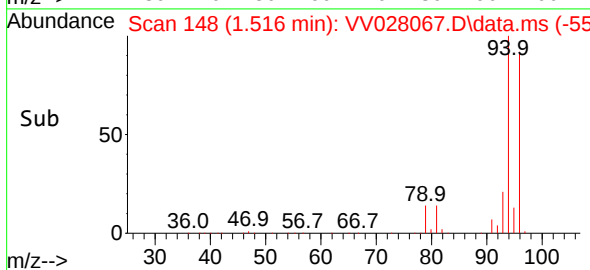
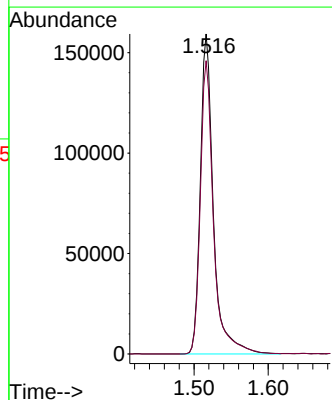
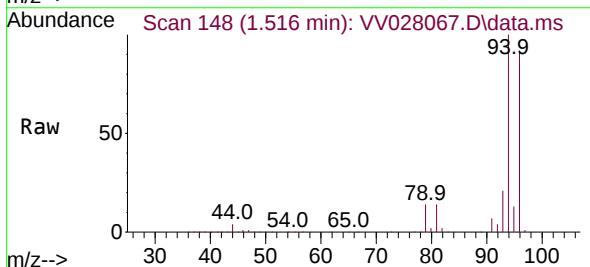
Instrument :
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 ClientSampleId :

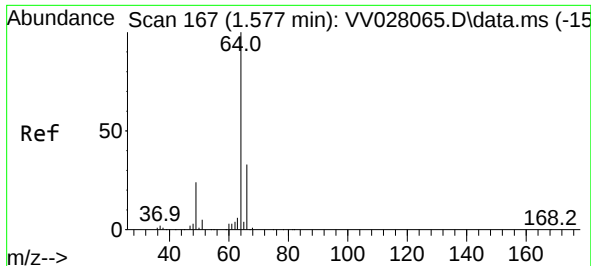
Tgt Ion: 62 Resp: 309371
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.8



#6
 Bromomethane
 Concen: 17.316 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028067.D
 Acq: 22 Sep 2022 17:46

Tgt Ion: 94 Resp: 195633
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.7 123.9

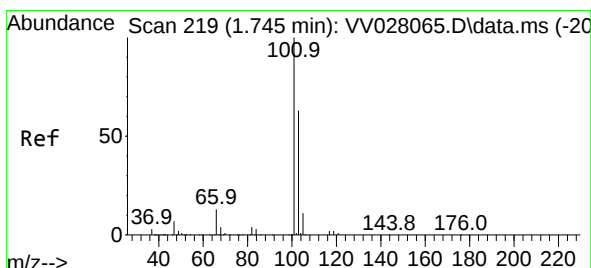
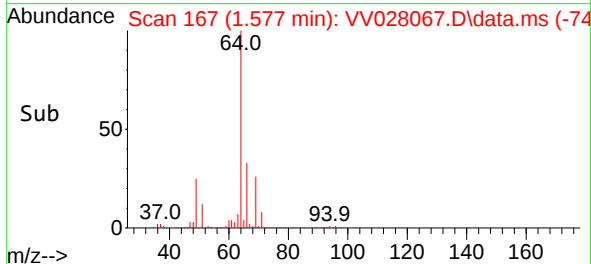
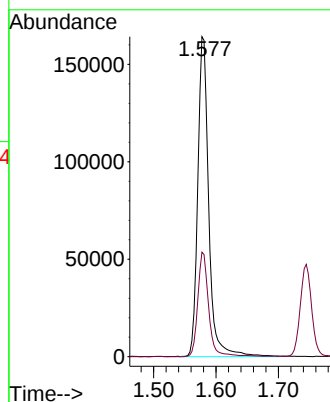
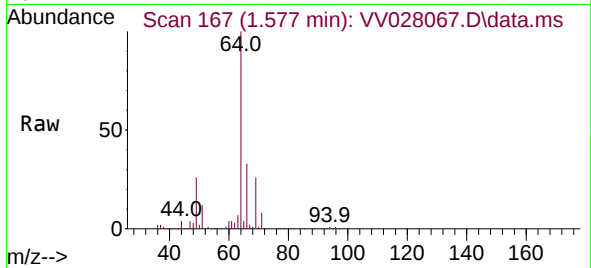




#8
Chloroethane
Concen: 17.941 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

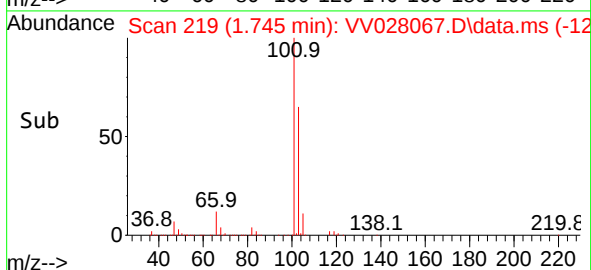
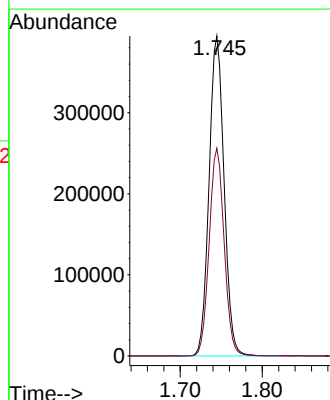
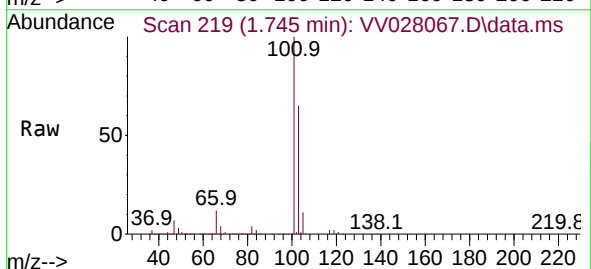
Instrument :
MSVOA_V
ClientSampleId :

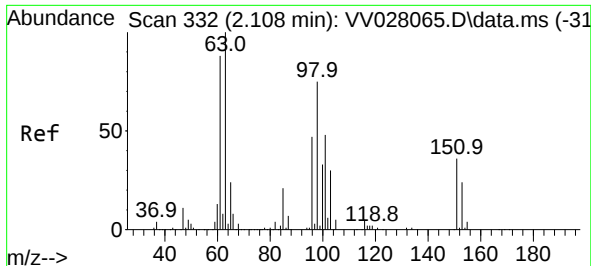
Tgt Ion: 64 Resp: 201298
Ion Ratio Lower Upper
64 100
66 32.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 19.878 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion:101 Resp: 501259
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 17.963 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

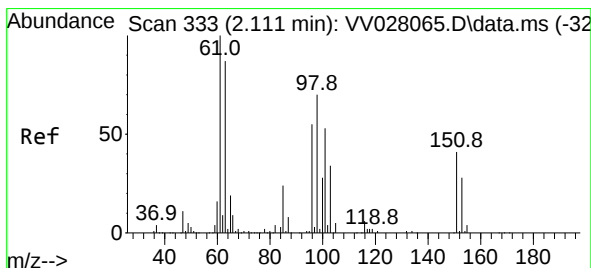
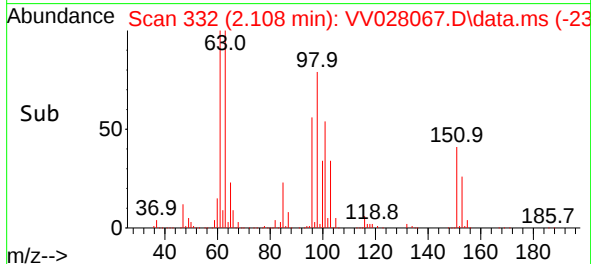
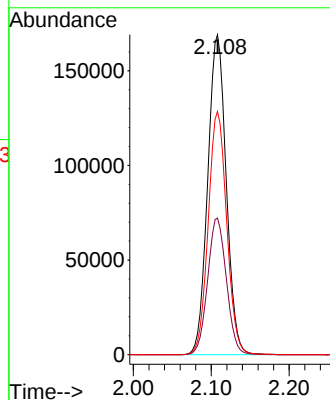
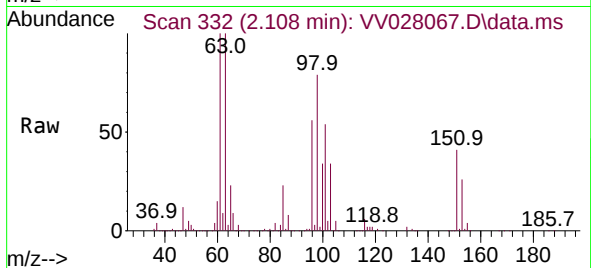
Tgt Ion:101 Resp: 278970

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

151 76.1 61.1 91.7



#12

1,1-Dichloroethene

Concen: 17.975 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

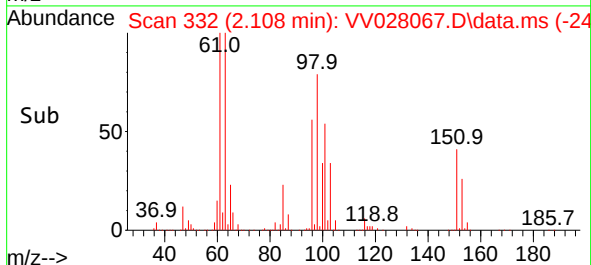
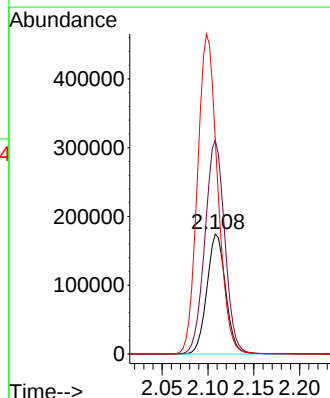
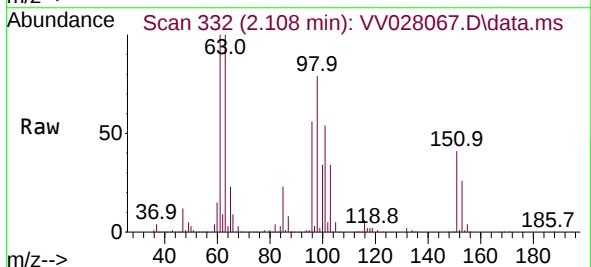
Tgt Ion: 96 Resp: 247710

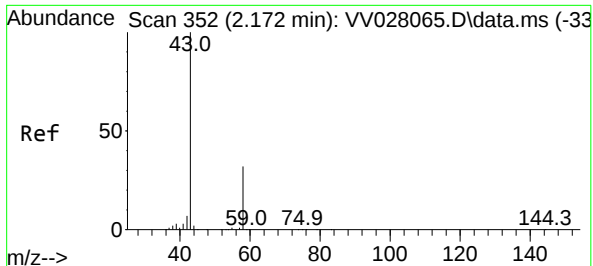
Ion Ratio Lower Upper

96 100

61 178.4 128.3 238.3

63 179.3 112.7 209.3





#13

Acetone

Concen: 209.353 ug/L

RT: 2.182 min Scan# 352

Delta R.T. 0.010 min

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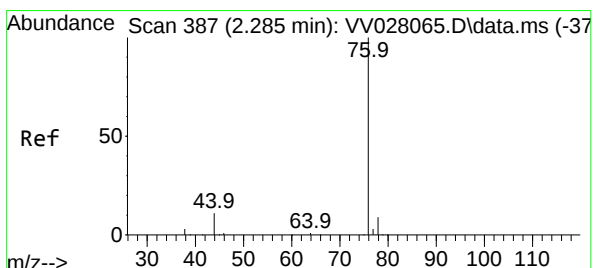
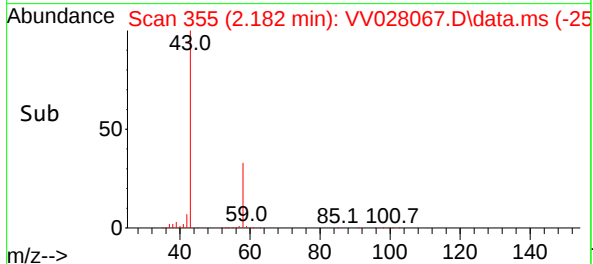
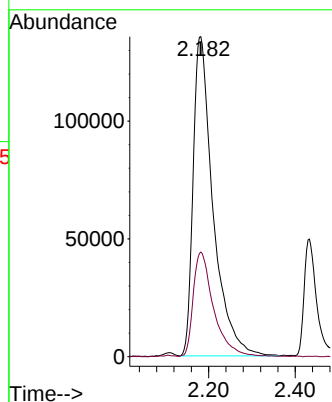
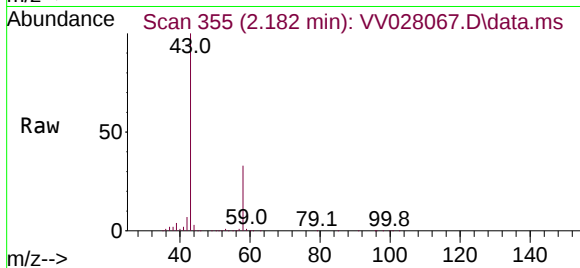
ClientSampleId :

Tgt Ion: 43 Resp: 432239

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.6



#14

Carbon disulfide

Concen: 18.355 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028067.D

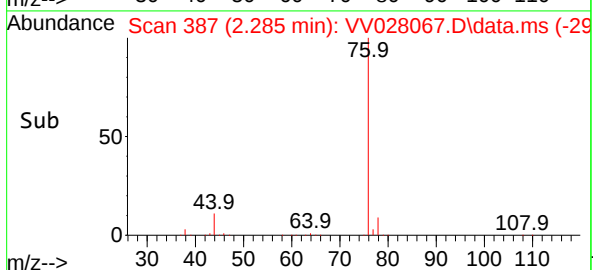
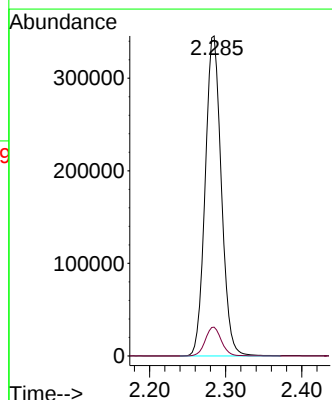
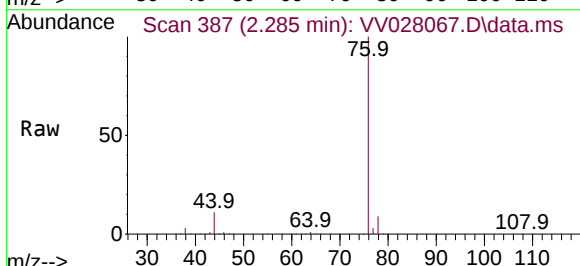
Acq: 22 Sep 2022 17:46

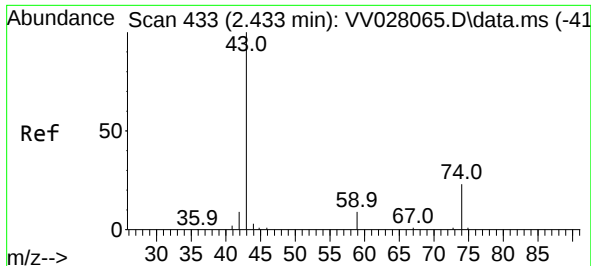
Tgt Ion: 76 Resp: 509310

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

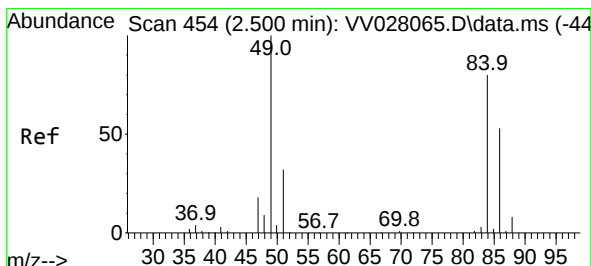
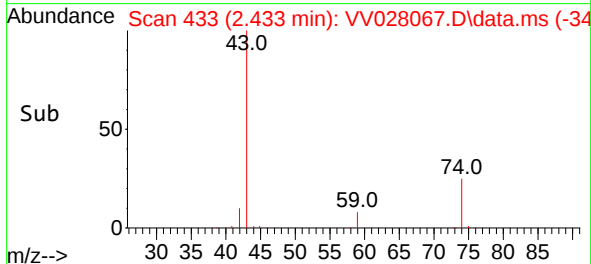
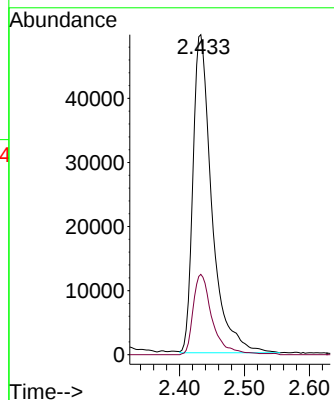
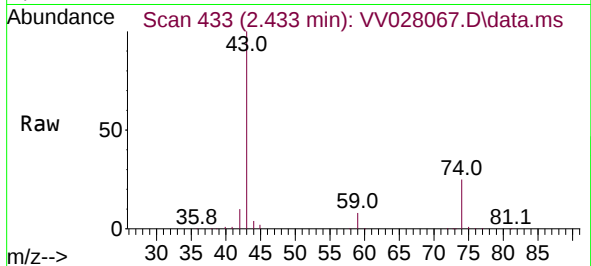




#15
Methyl Acetate
Concen: 22.529 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

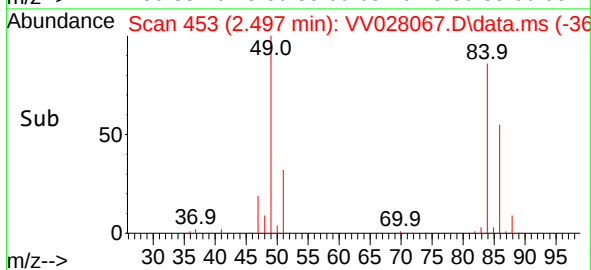
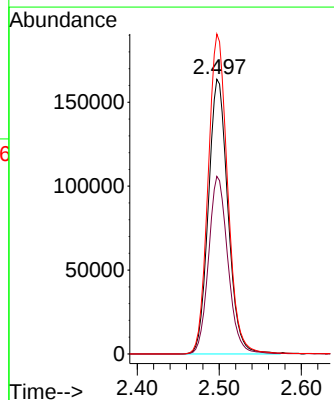
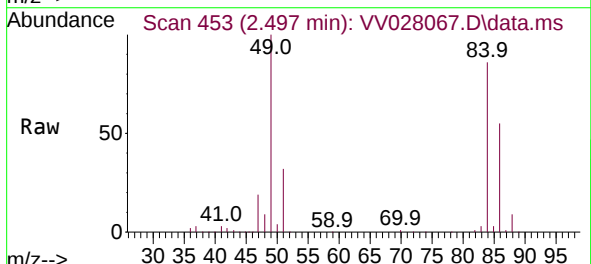
Instrument :
MSVOA_V
ClientSampleId :

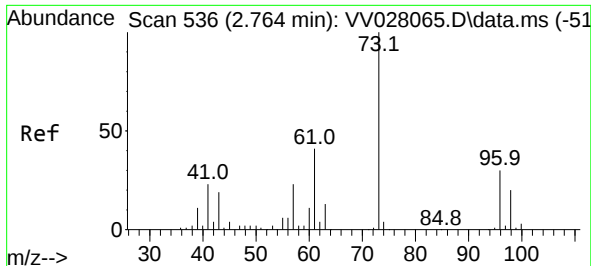
Tgt Ion: 43 Resp: 100585
Ion Ratio Lower Upper
43 100
74 25.4 16.9 25.3#



#16
Methylene chloride
Concen: 17.727 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion: 84 Resp: 270971
Ion Ratio Lower Upper
84 100
86 64.6 46.8 86.8
49 116.5 87.5 162.5

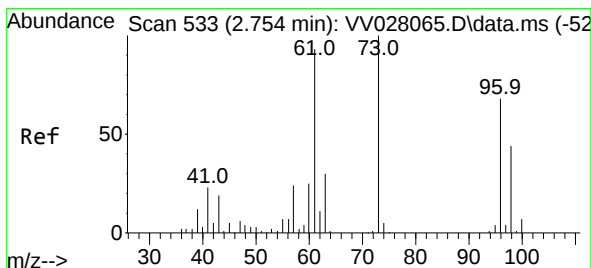
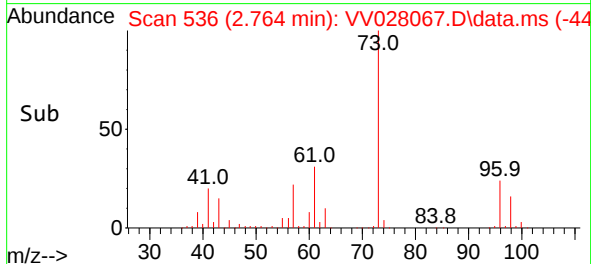
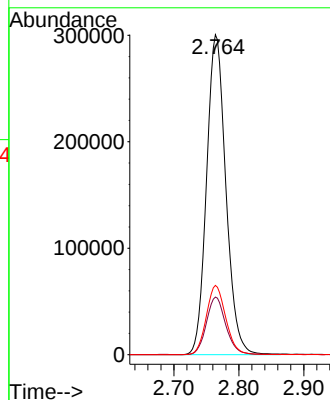
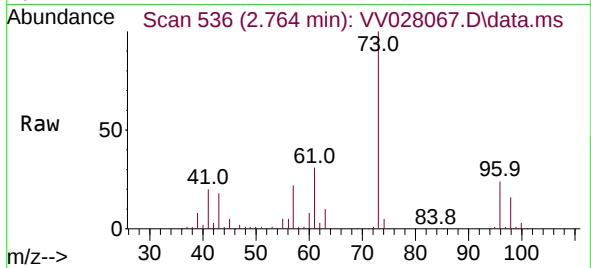




#17
Methyl tert-butyl Ether
Concen: 23.860 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

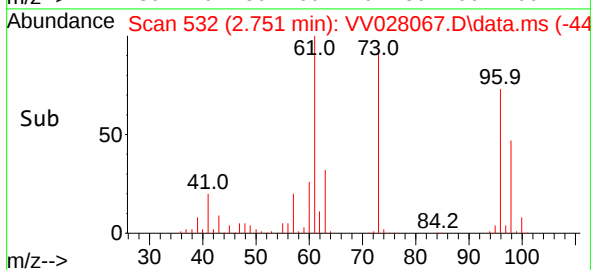
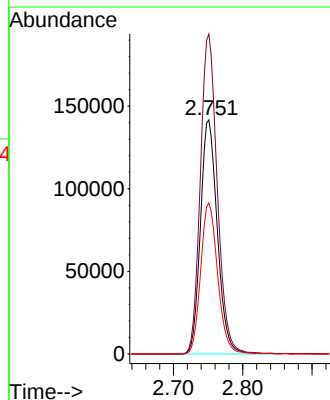
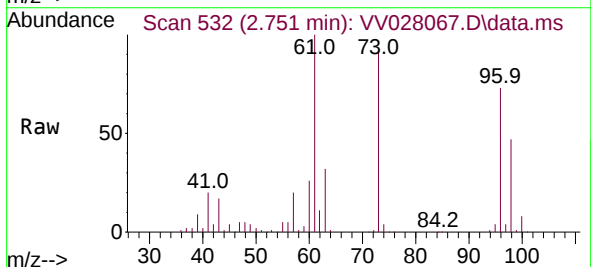
Instrument :
MSVOA_V
ClientSampleId :

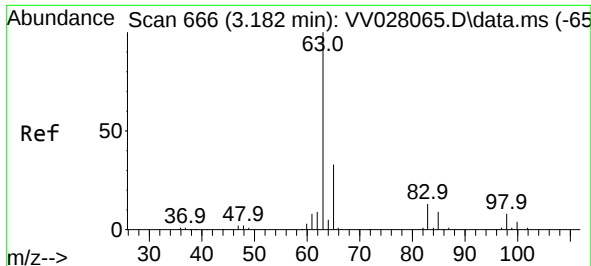
Tgt Ion: 73 Resp: 621527
Ion Ratio Lower Upper
73 100
43 18.0 15.7 23.5
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 18.698 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion: 96 Resp: 240058
Ion Ratio Lower Upper
96 100
61 136.7 96.2 178.6
98 64.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 20.055 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

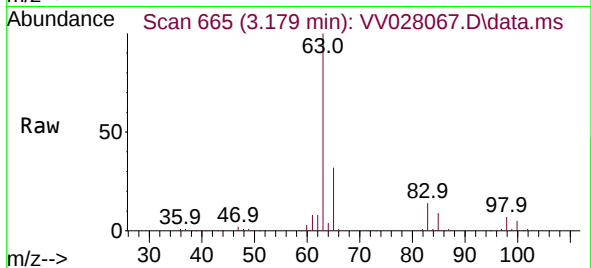
Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :



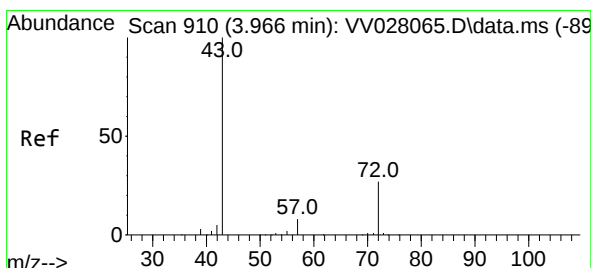
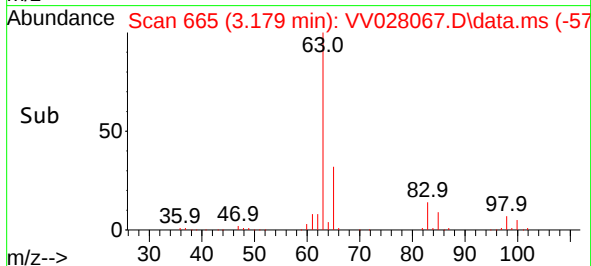
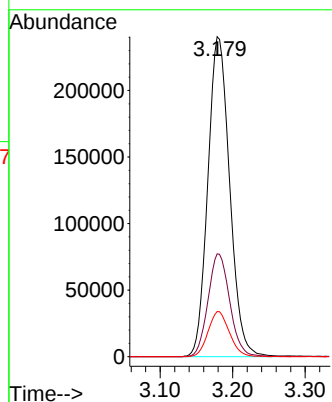
Tgt Ion: 63 Resp: 502878

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.8

83 14.1 9.2 17.2



#21

2-Butanone

Concen: 256.706 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.000 min

Lab File: VV028067.D

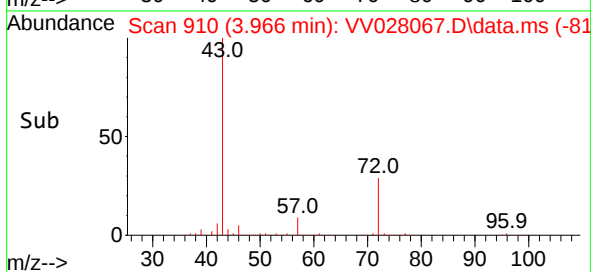
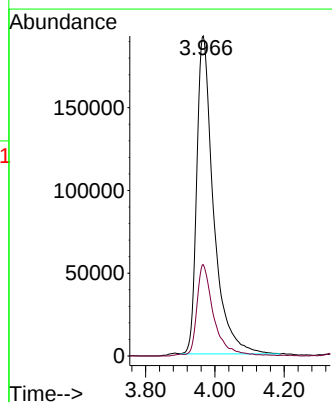
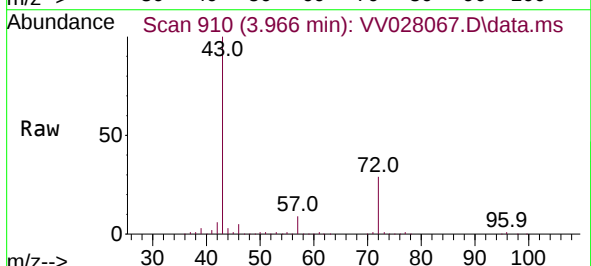
Acq: 22 Sep 2022 17:46

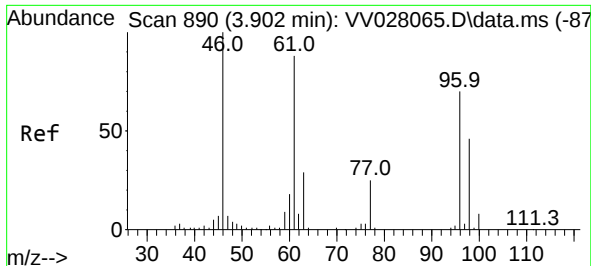
Tgt Ion: 43 Resp: 647695

Ion Ratio Lower Upper

43 100

72 27.8 12.7 38.1

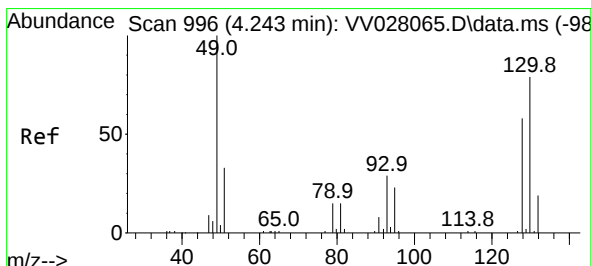
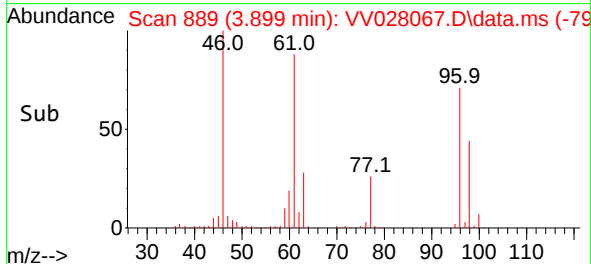
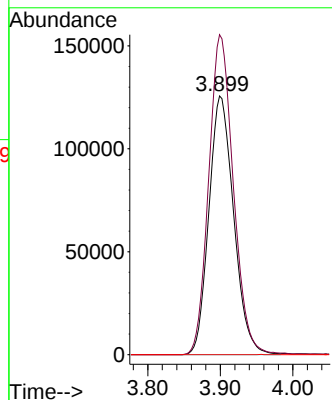
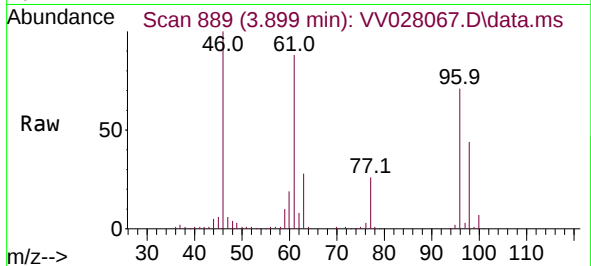




#22
 cis-1,2-Dichloroethene
 Concen: 20.599 ug/L
 RT: 3.899 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV028067.D
 Acq: 22 Sep 2022 17:46

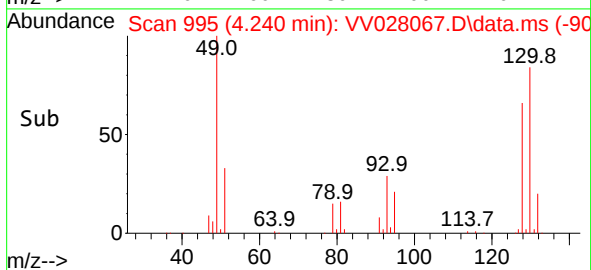
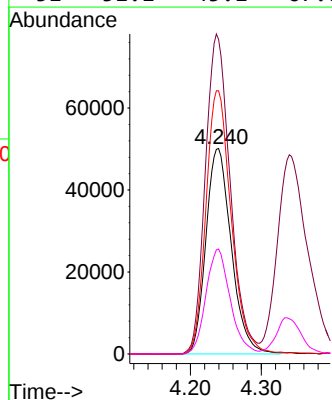
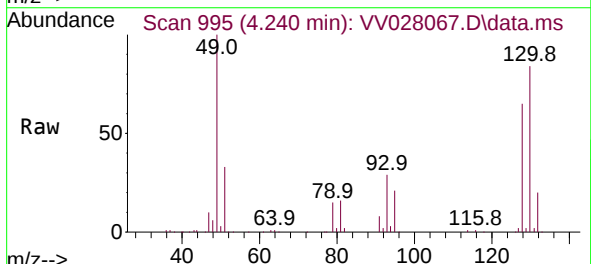
Instrument :
 MSVOA_V
 ClientSampleId :

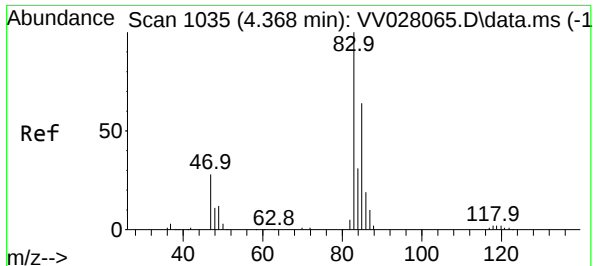
Tgt Ion: 96 Resp: 298767
 Ion Ratio Lower Upper
 96 100
 61 123.7 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 19.191 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV028067.D
 Acq: 22 Sep 2022 17:46

Tgt Ion:128 Resp: 124480
 Ion Ratio Lower Upper
 128 100
 49 153.2 119.9 222.7
 130 128.2 94.6 175.8
 51 51.1 45.1 67.7





#25

Chloroform

Concen: 19.381 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

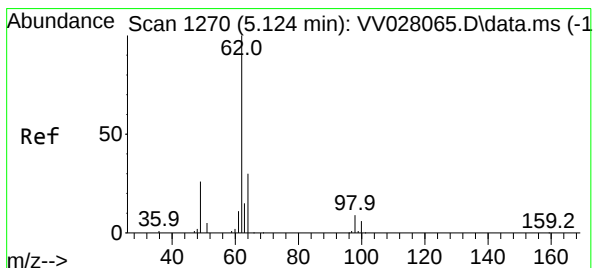
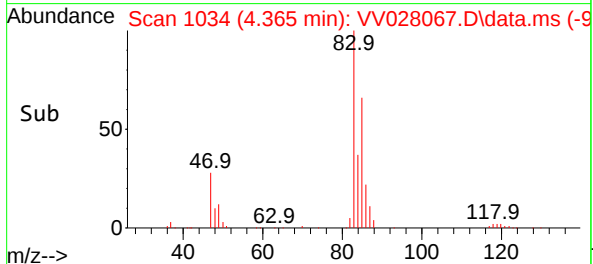
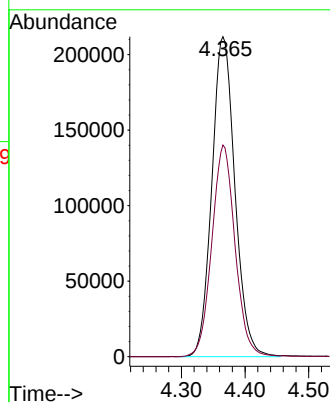
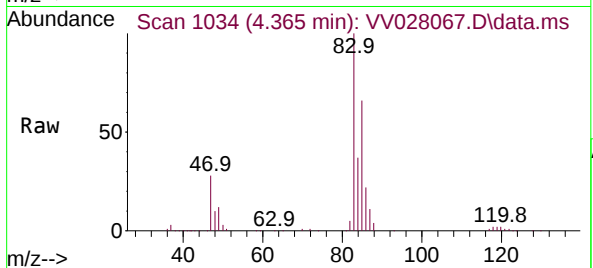
ClientSampleId :

Tgt Ion: 83 Resp: 534341

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 22.525 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV028067.D

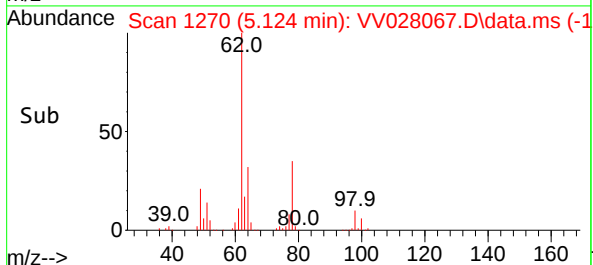
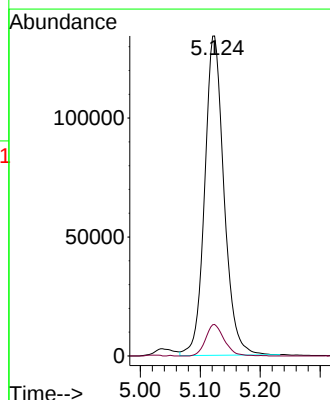
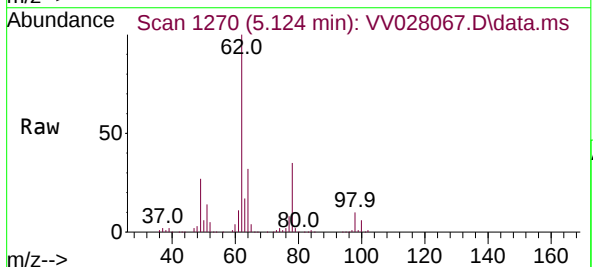
Acq: 22 Sep 2022 17:46

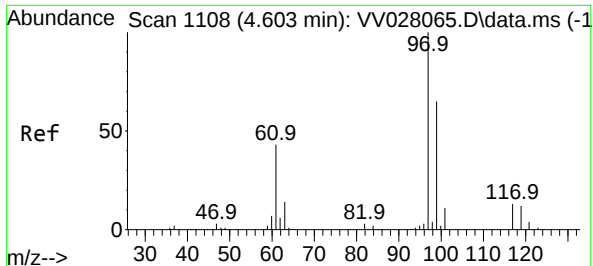
Tgt Ion: 62 Resp: 301208

Ion Ratio Lower Upper

62 100

98 9.9 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 21.381 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

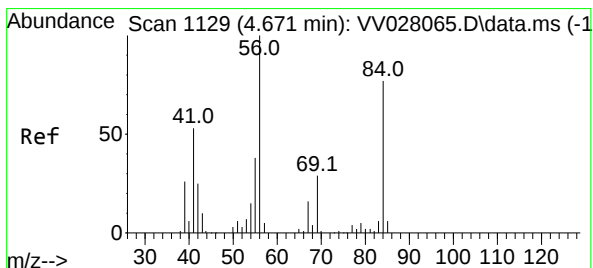
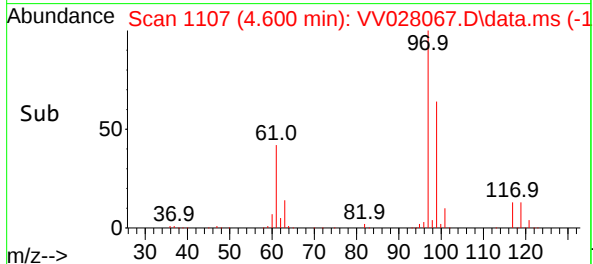
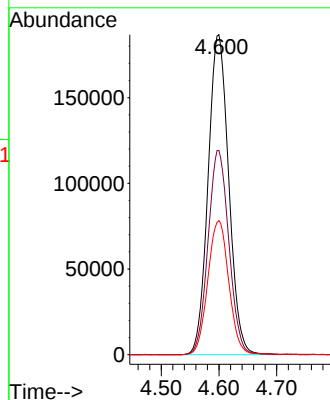
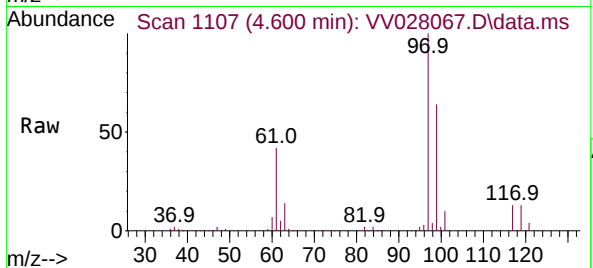
Tgt Ion: 97 Resp: 463909

Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 42.7 34.8 52.2



#30

Cyclohexane

Concen: 23.380 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

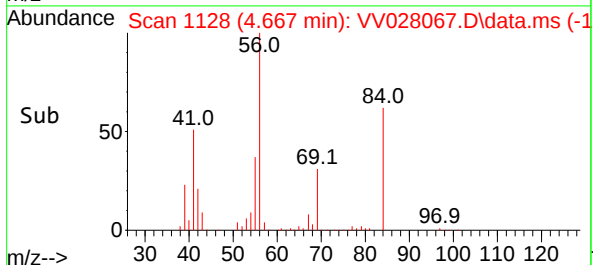
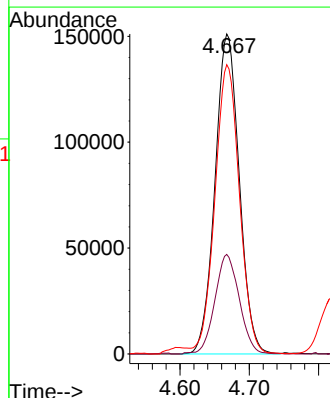
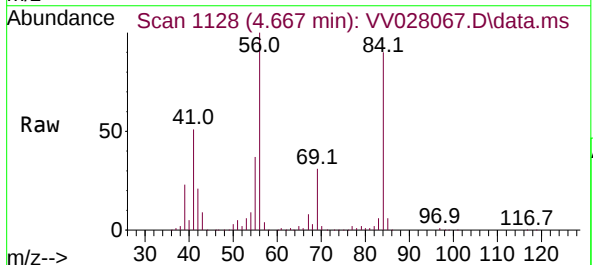
Tgt Ion: 56 Resp: 367713

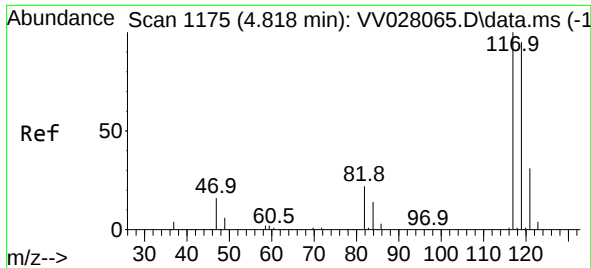
Ion Ratio Lower Upper

56 100

69 31.3 23.7 35.5

84 91.7 67.3 100.9

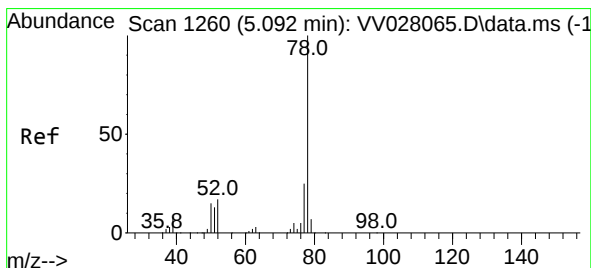
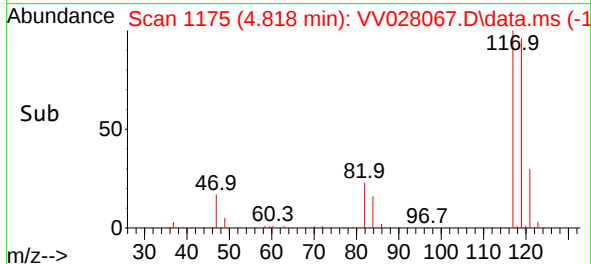
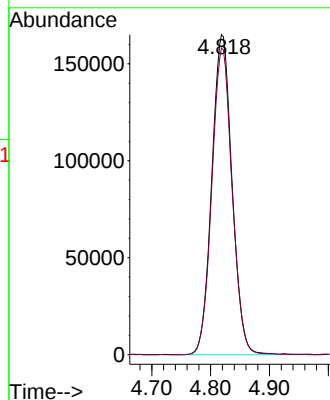
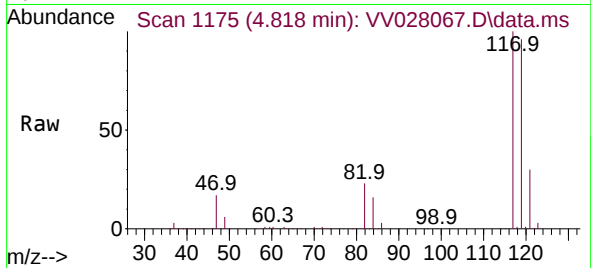




#31
Carbon tetrachloride
Concen: 20.599 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

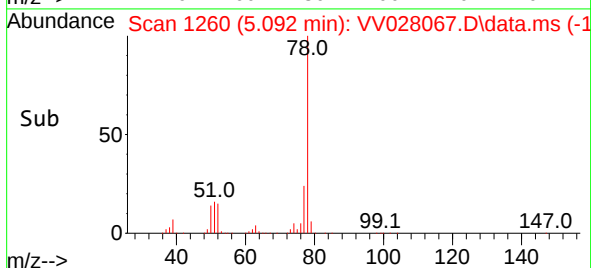
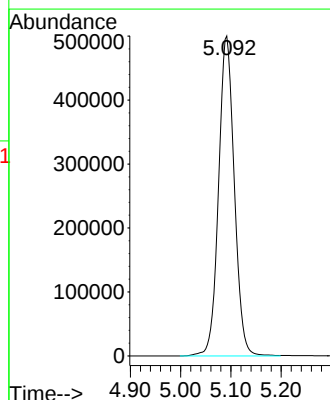
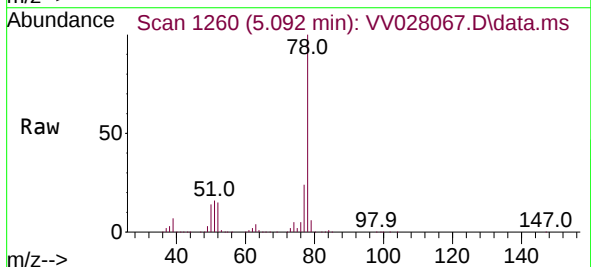
Instrument :
MSVOA_V
ClientSampleId :

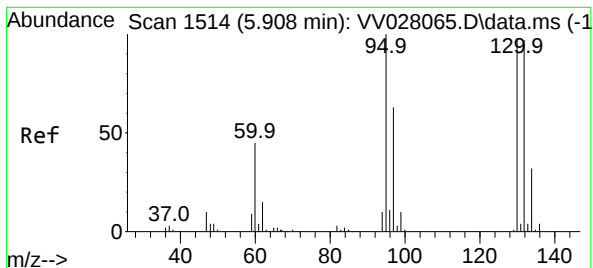
Tgt Ion:117 Resp: 394023
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 20.705 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion: 78 Resp: 1088050





#34

Trichloroethene

Concen: 20.842 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 272411

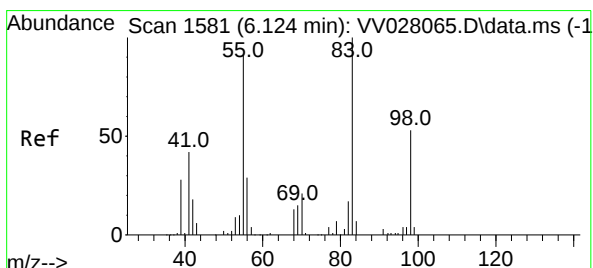
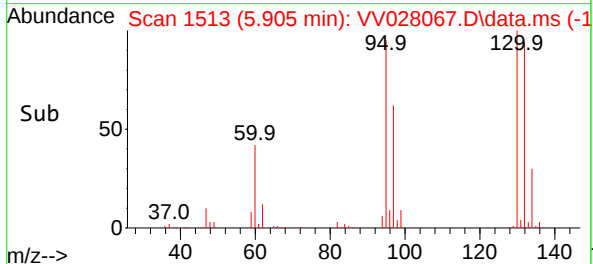
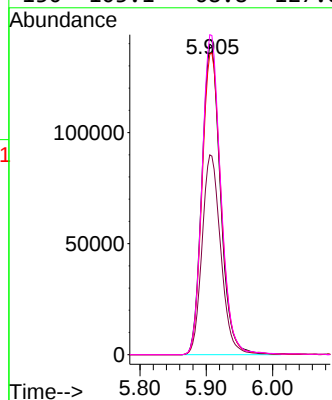
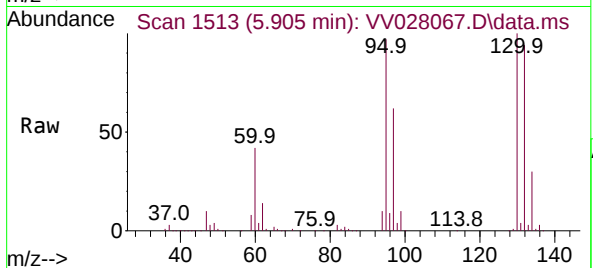
Ion Ratio Lower Upper

95 100

97 64.4 44.2 82.0

132 96.8 67.8 126.0

130 103.1 68.8 127.8



#35

Methylcyclohexane

Concen: 21.900 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

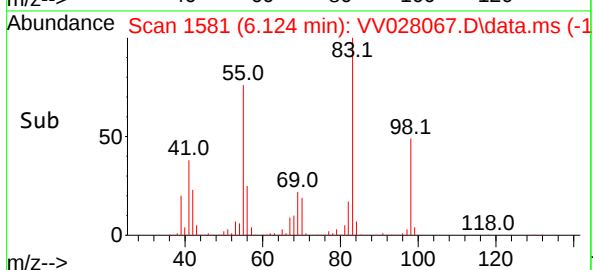
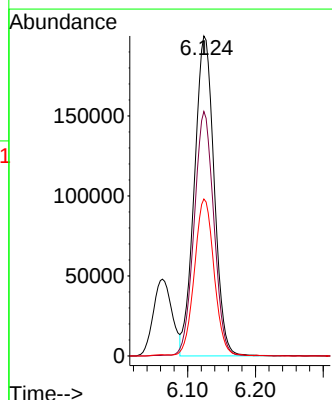
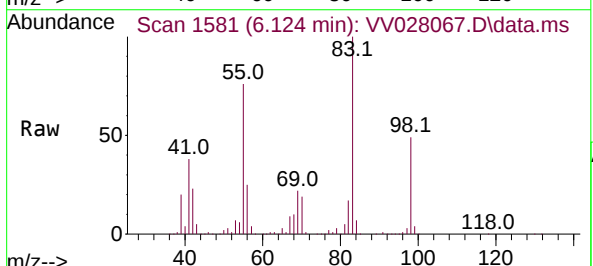
Tgt Ion: 83 Resp: 404467

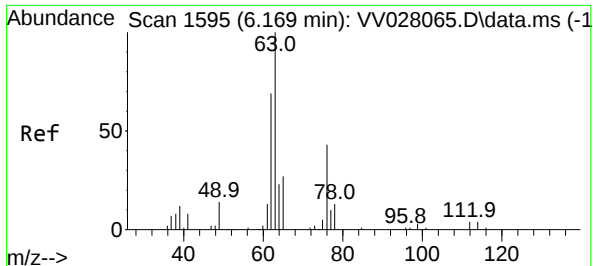
Ion Ratio Lower Upper

83 100

55 76.4 64.7 97.1

98 48.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 20.175 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

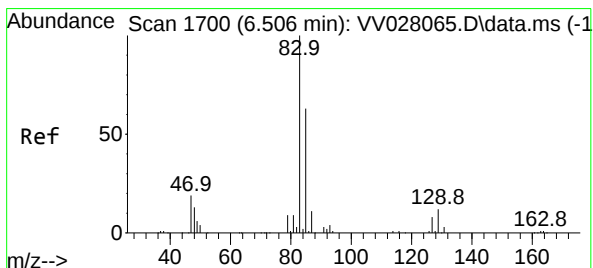
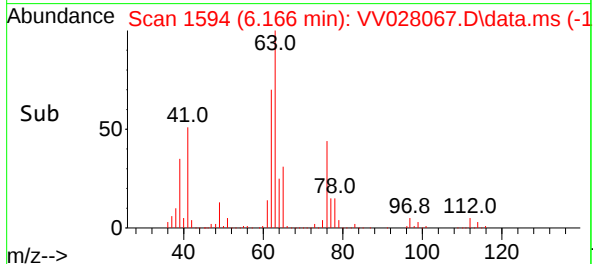
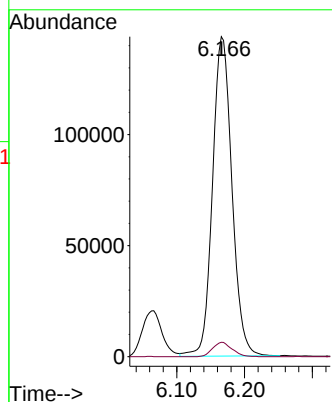
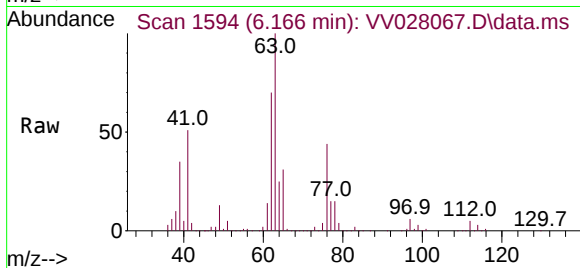
ClientSampleId :

Tgt Ion: 63 Resp: 286144

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 20.369 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

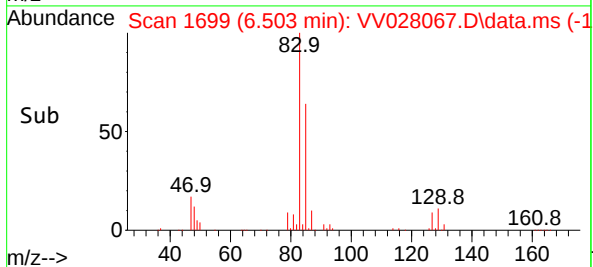
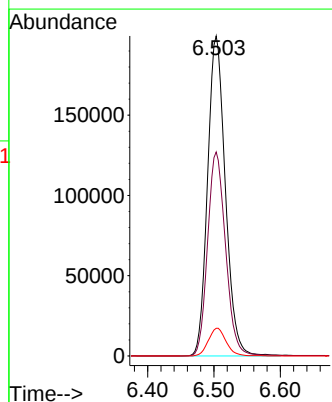
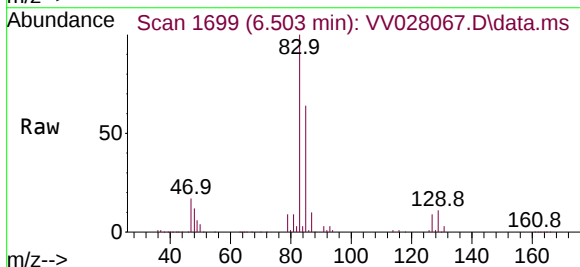
Tgt Ion: 83 Resp: 371579

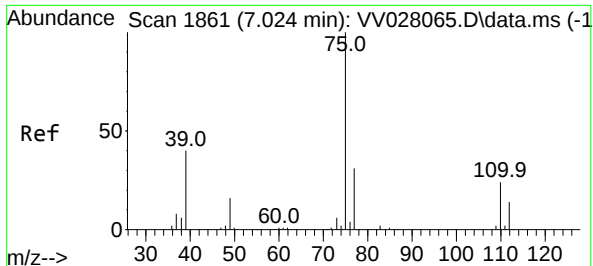
Ion Ratio Lower Upper

83 100

85 63.8 43.8 81.4

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.517 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

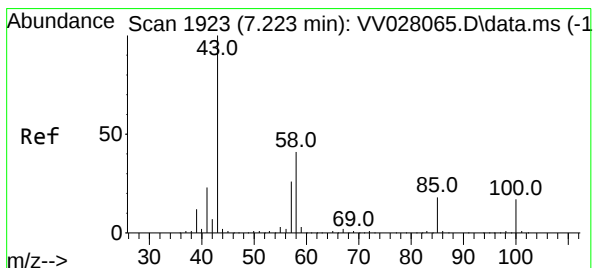
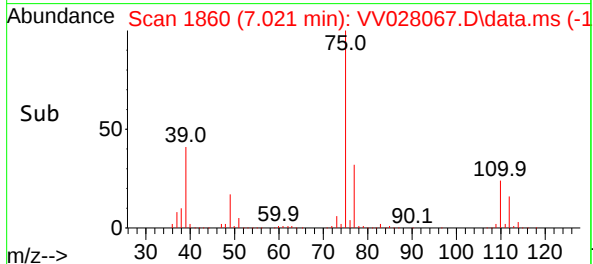
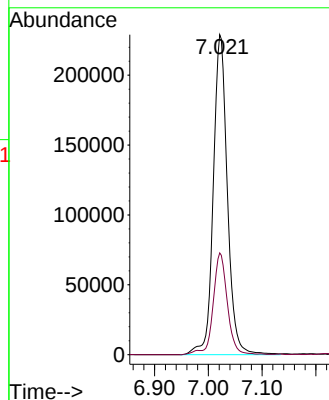
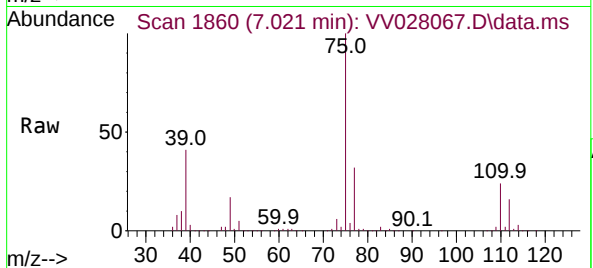
ClientSampleId :

Tgt Ion: 75 Resp: 417915

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 257.195 ug/L

RT: 7.224 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

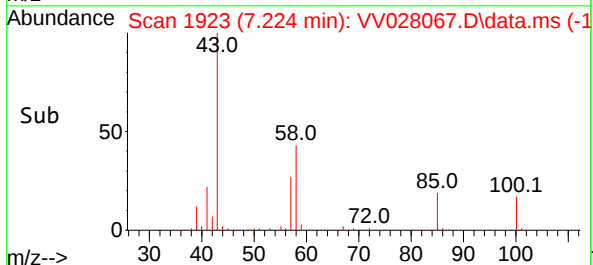
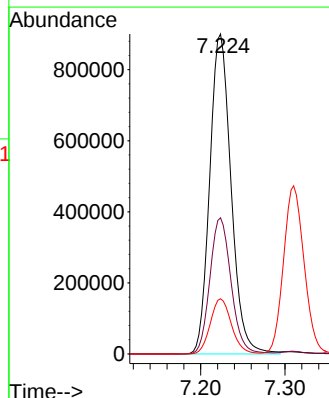
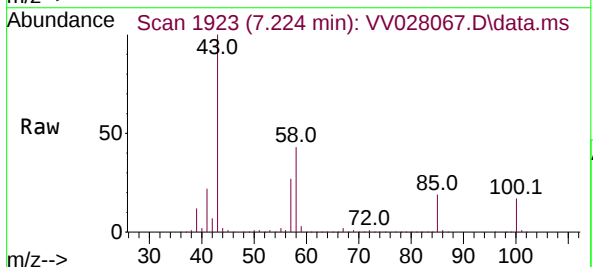
Tgt Ion: 43 Resp: 1584250

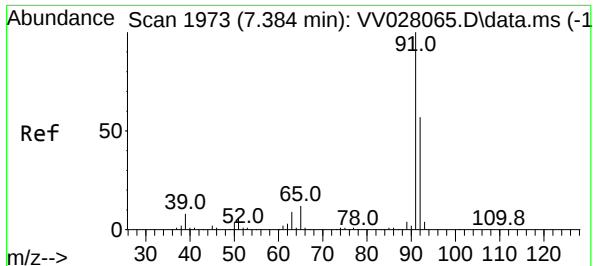
Ion Ratio Lower Upper

43 100

58 42.2 32.2 48.4

100 17.1 12.7 19.1





#42

Toluene

Concen: 20.962 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

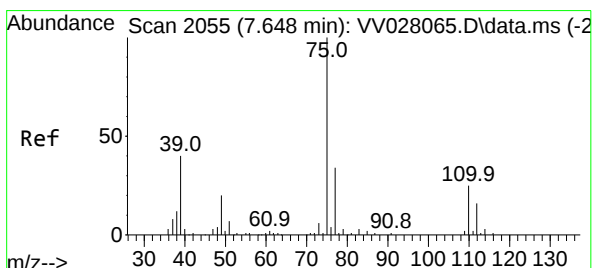
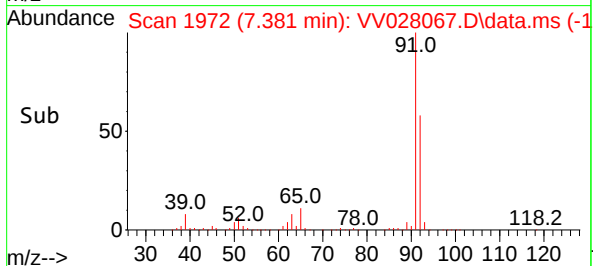
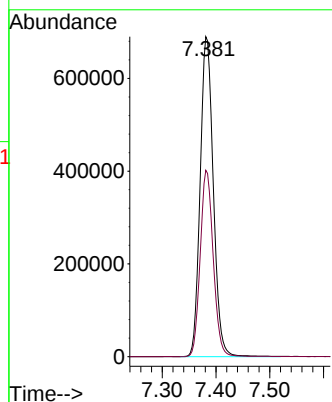
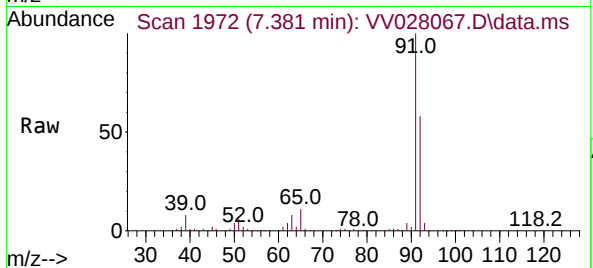
ClientSampleId :

Tgt Ion: 91 Resp: 1169834

Ion Ratio Lower Upper

91 100

92 58.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 23.835 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028067.D

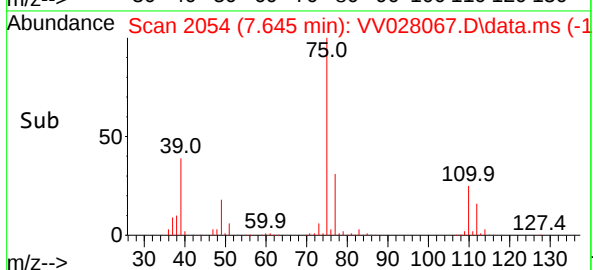
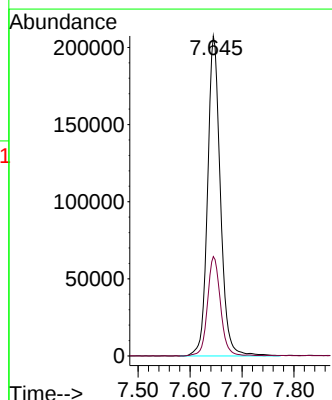
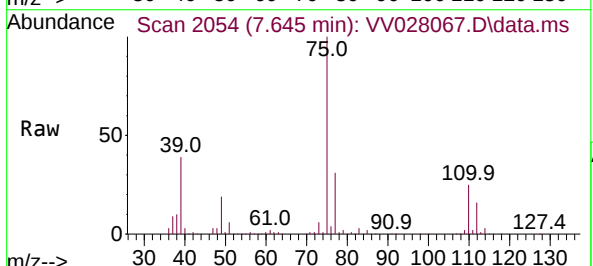
Acq: 22 Sep 2022 17:46

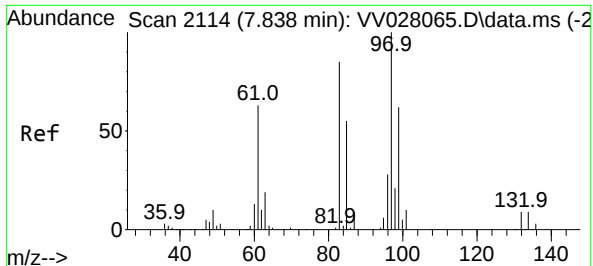
Tgt Ion: 75 Resp: 355020

Ion Ratio Lower Upper

75 100

77 31.0 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 20.278 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 207416

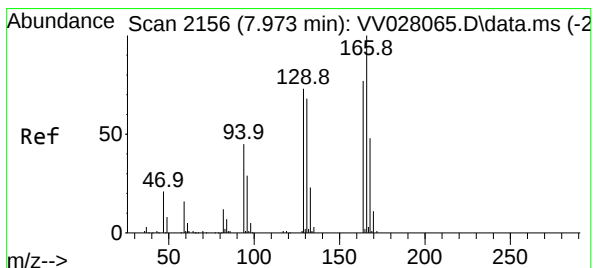
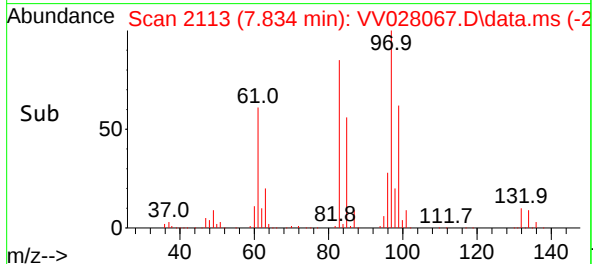
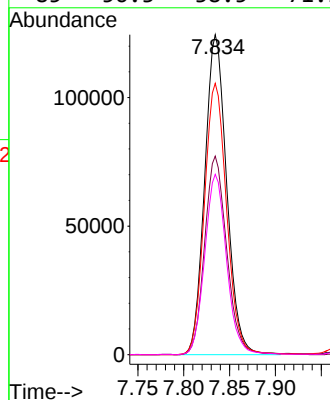
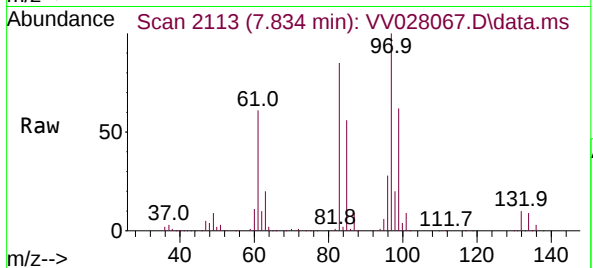
Ion Ratio Lower Upper

97 100

99 62.0 43.2 80.2

83 84.8 59.1 109.9

85 56.3 38.5 71.5



#47

Tetrachloroethene

Concen: 19.083 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Tgt Ion:164 Resp: 217343

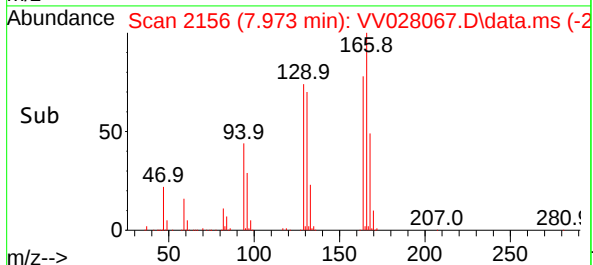
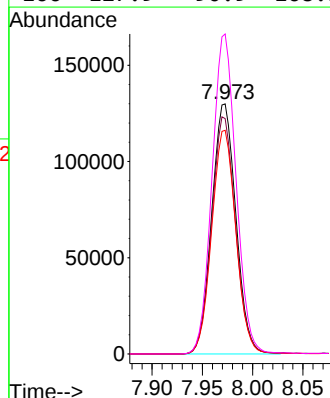
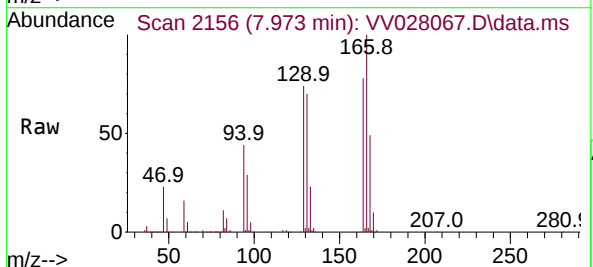
Ion Ratio Lower Upper

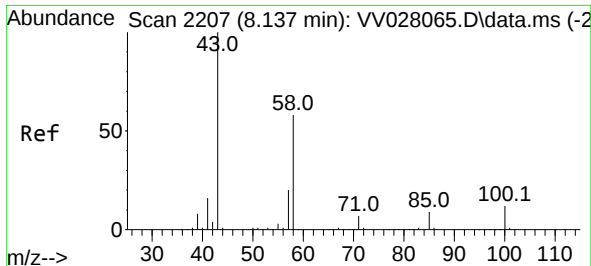
164 100

129 94.1 66.7 123.9

131 89.4 61.7 114.5

166 127.9 90.9 168.9



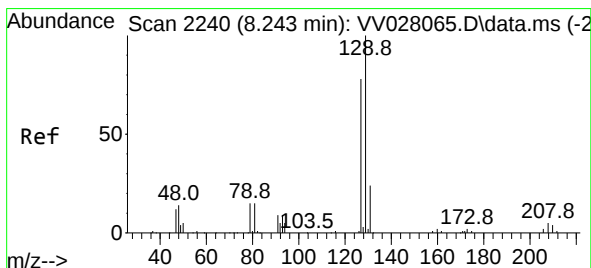
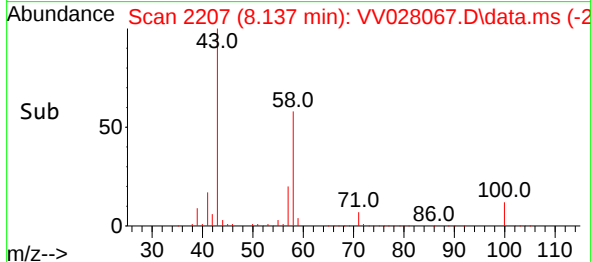
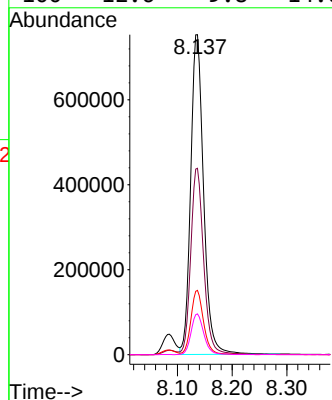
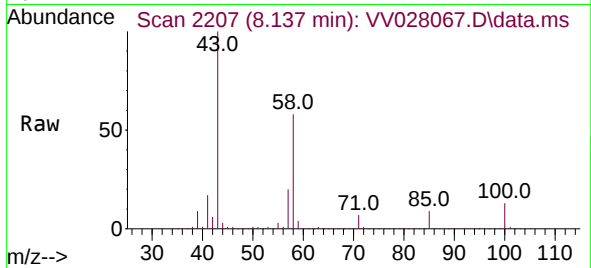


#48
2-Hexanone
Concen: 280.072 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1235959

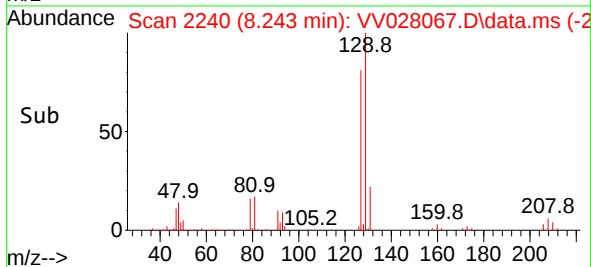
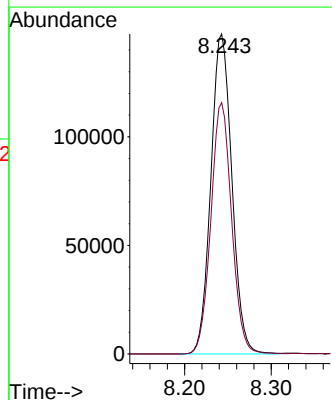
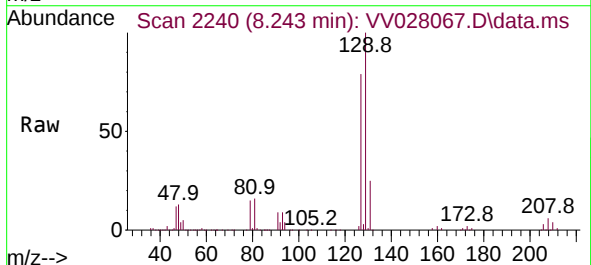
Ion	Ratio	Lower	Upper
43	100		
58	57.8	45.7	68.5
57	19.7	15.5	23.3
100	12.6	9.8	14.6

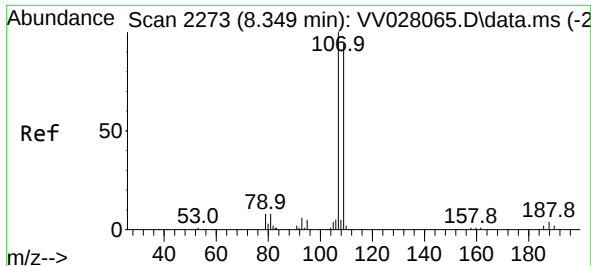


#49
Dibromochloromethane
Concen: 20.037 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion: 129 Resp: 248777

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.3	100.9





#50

1,2-Dibromoethane

Concen: 20.229 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

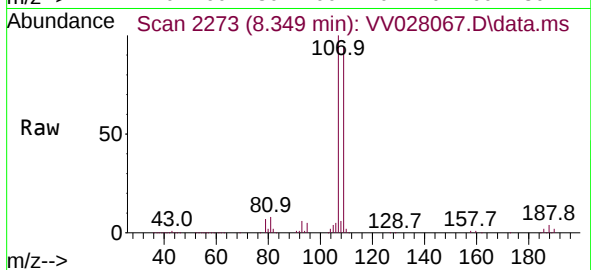
Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :



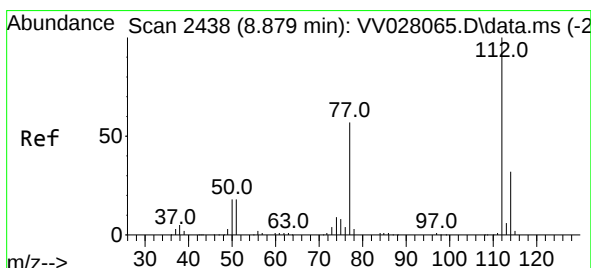
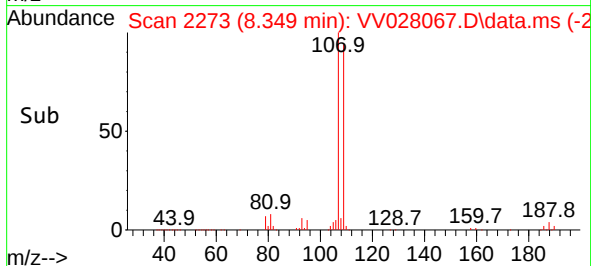
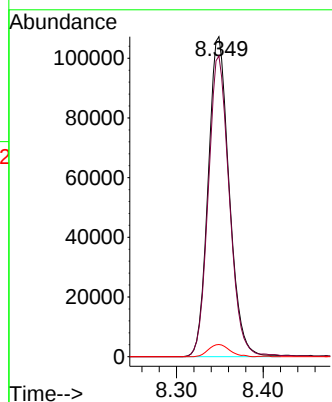
Tgt Ion:107 Resp: 180960

Ion Ratio Lower Upper

107 100

109 94.0 65.9 122.5

188 3.8 3.4 5.0



#51

Chlorobenzene

Concen: 20.074 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

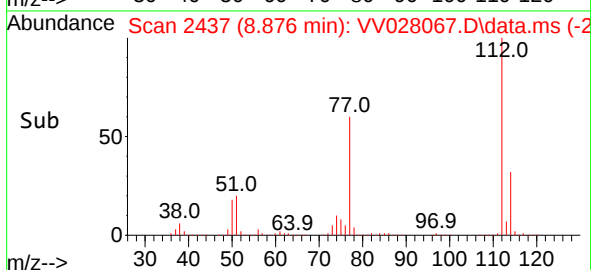
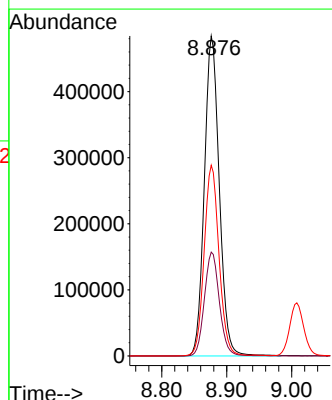
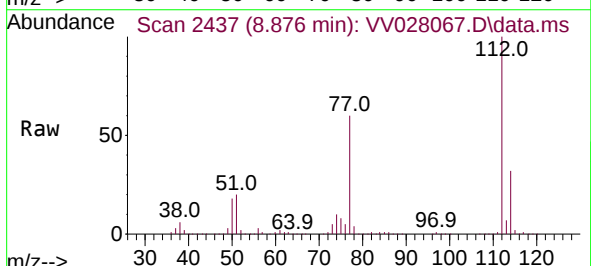
Tgt Ion:112 Resp: 775292

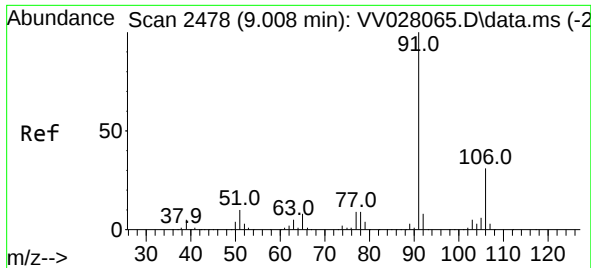
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 59.6 46.1 69.1

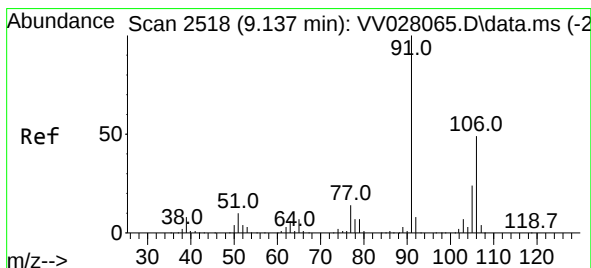
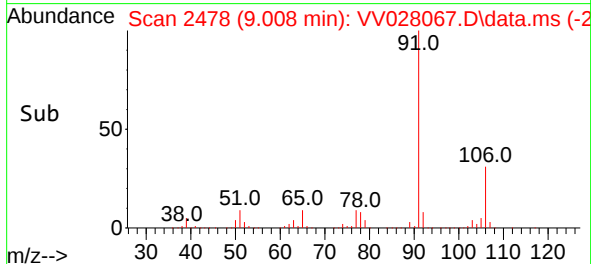
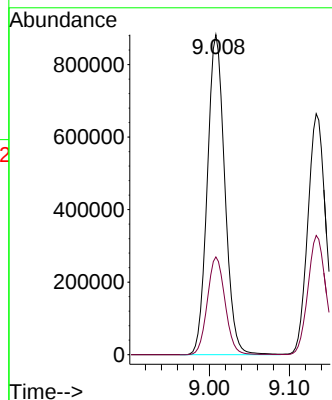
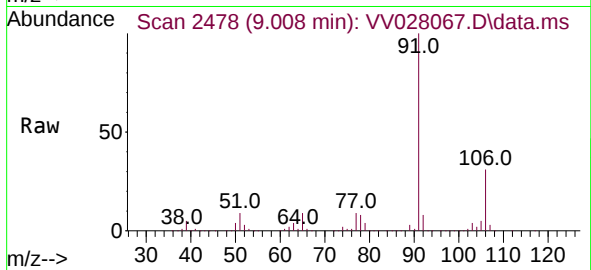




#52
Ethylbenzene
Concen: 23.121 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

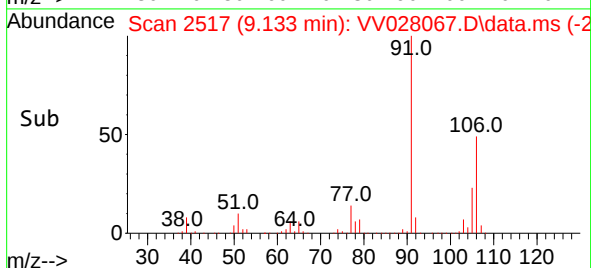
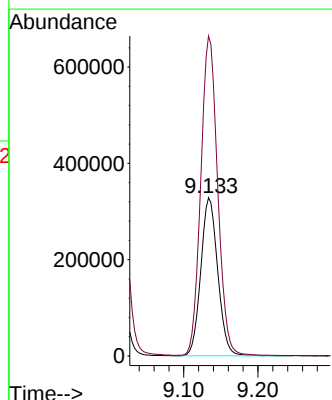
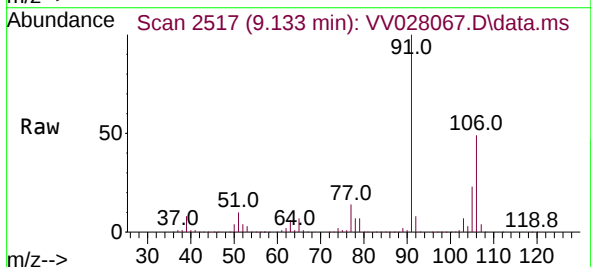
Instrument :
MSVOA_V
ClientSampleId :

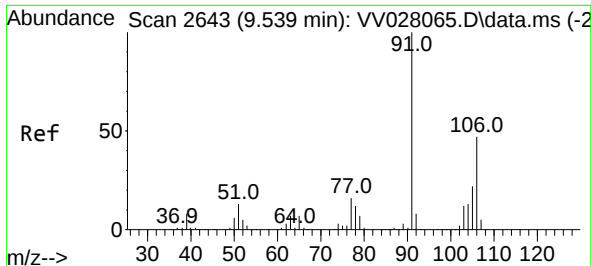
Tgt Ion: 91 Resp: 1342197
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 23.202 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion: 106 Resp: 519910
Ion Ratio Lower Upper
106 100
91 202.3 141.9 263.5

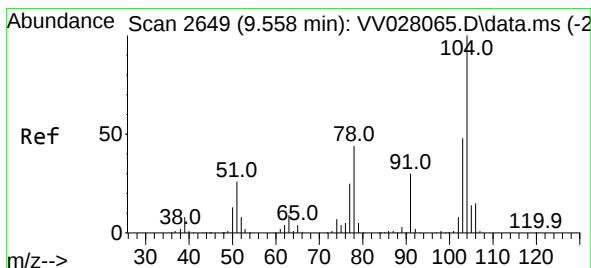
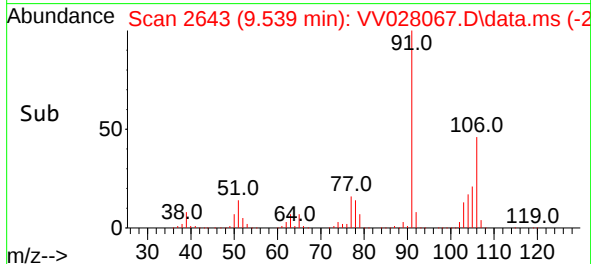
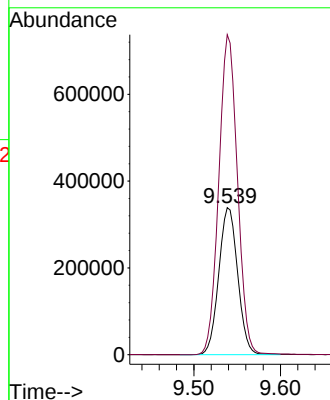
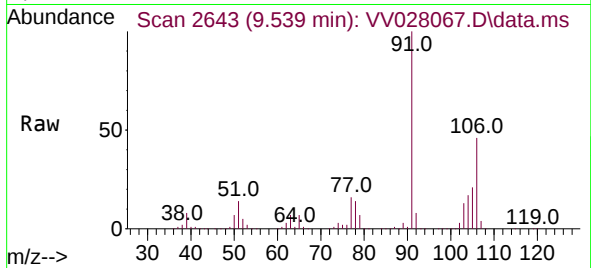




#54
o-Xylene
Concen: 22.963 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

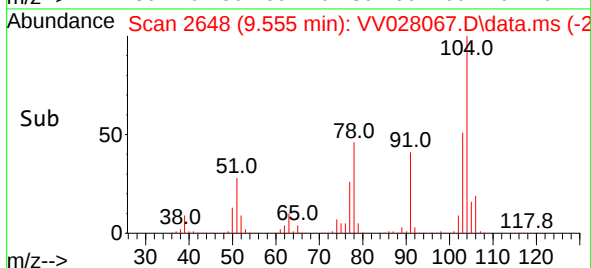
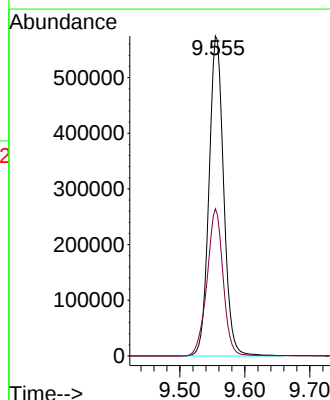
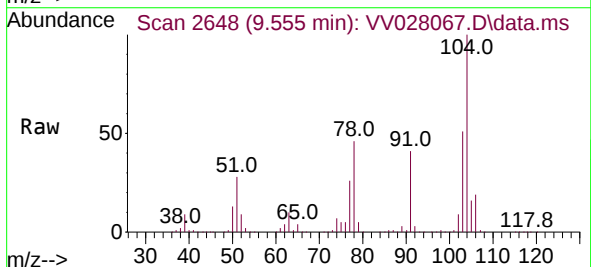
Instrument :
MSVOA_V
ClientSampleId :

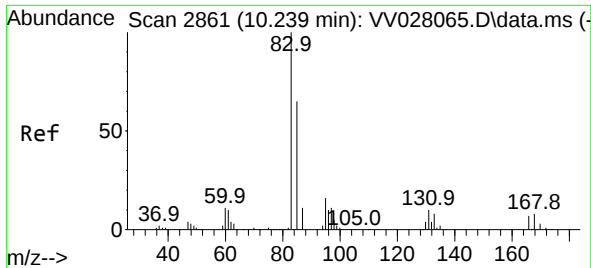
Tgt Ion:106 Resp: 514314
Ion Ratio Lower Upper
106 100
91 217.5 148.1 275.0



#55
Styrene
Concen: 23.248 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

Tgt Ion:104 Resp: 904991
Ion Ratio Lower Upper
104 100
78 46.0 31.0 57.6

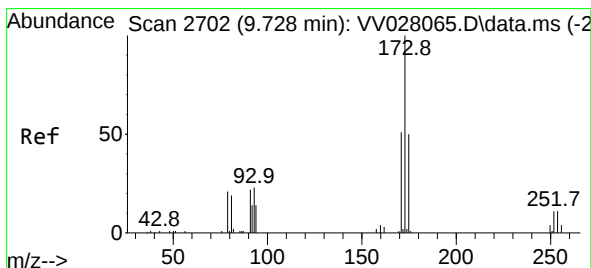
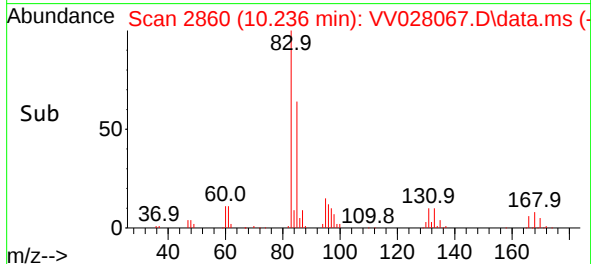
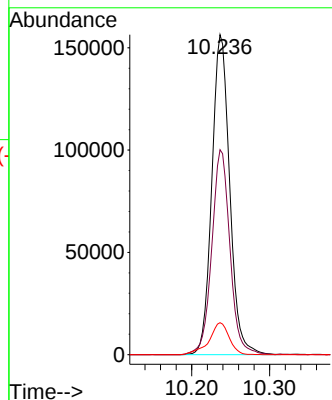
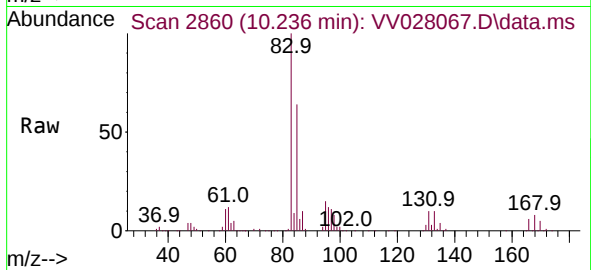




#57
1,1,2,2-Tetrachloroethane
Concen: 19.380 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

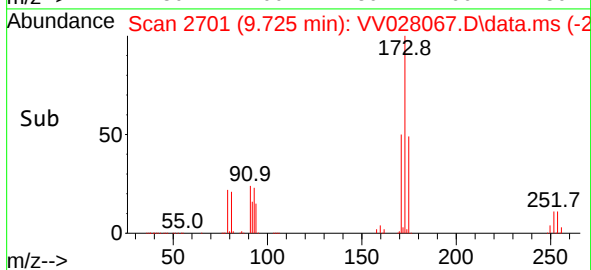
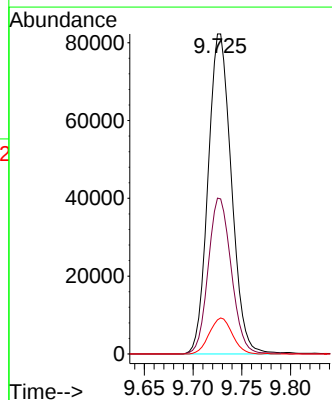
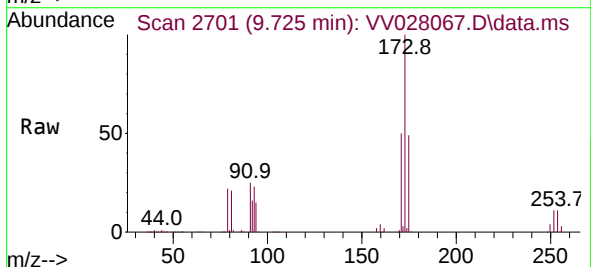
Instrument :
MSVOA_V
ClientSampleId :

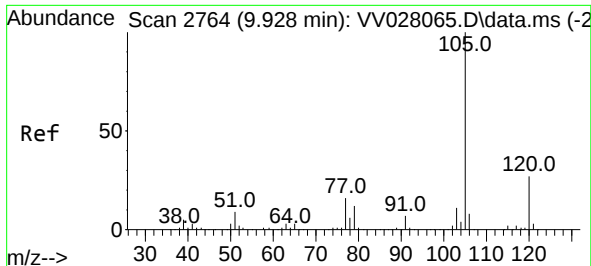
Tgt Ion: 83 Resp: 248991
Ion Ratio Lower Upper
83 100
85 64.1 45.2 84.0
131 10.0 7.8 11.8



#59
Bromoform
Concen: 18.976 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

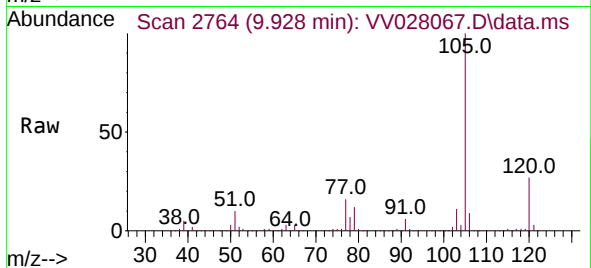
Tgt Ion: 173 Resp: 136697
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 11.1 8.7 13.1



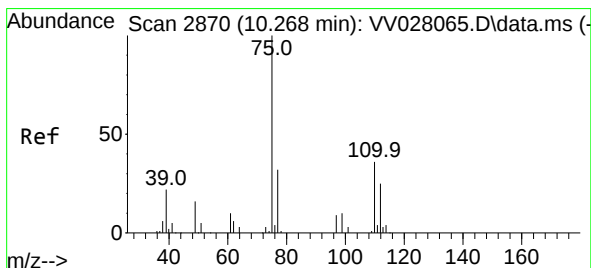
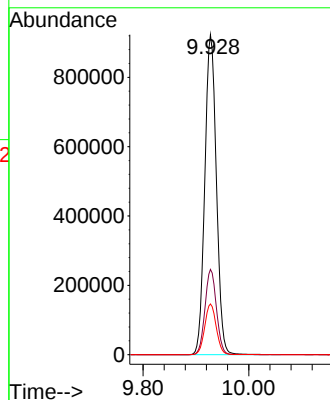
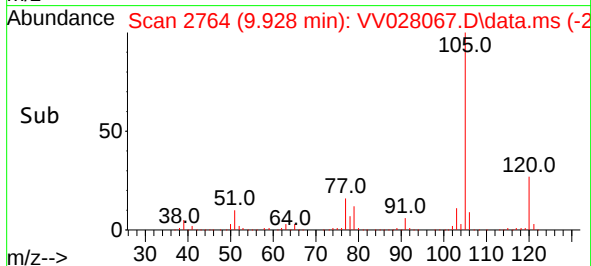


#60
Isopropylbenzene
Concen: 22.666 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46

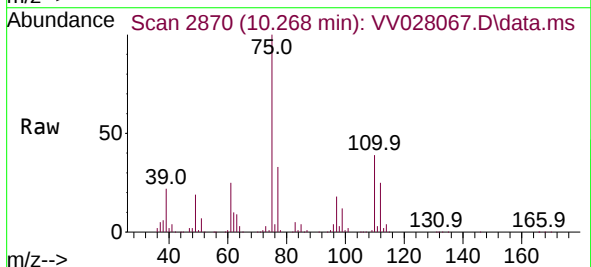
Instrument :
MSVOA_V
ClientSampleId :



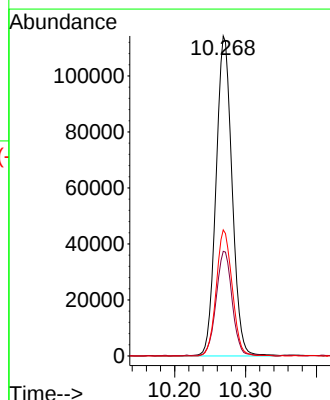
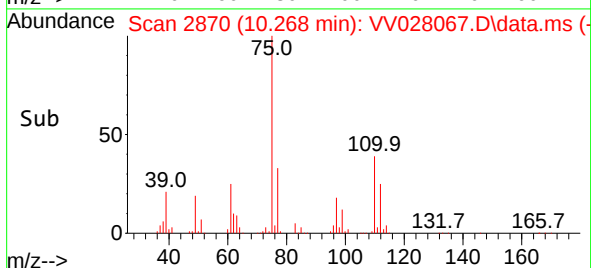
Tgt Ion:105 Resp: 1399965
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.7 12.2 18.4

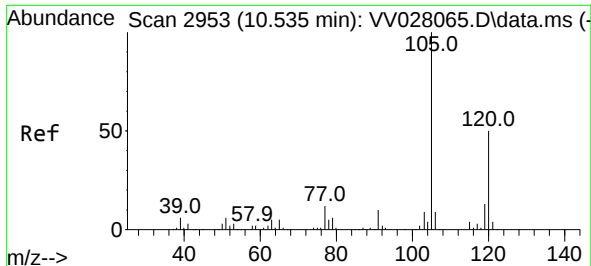


#61
1,2,3-Trichloropropane
Concen: 21.542 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028067.D
Acq: 22 Sep 2022 17:46



Tgt Ion: 75 Resp: 179335
Ion Ratio Lower Upper
75 100
77 32.1 26.7 40.1
110 39.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 23.572 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

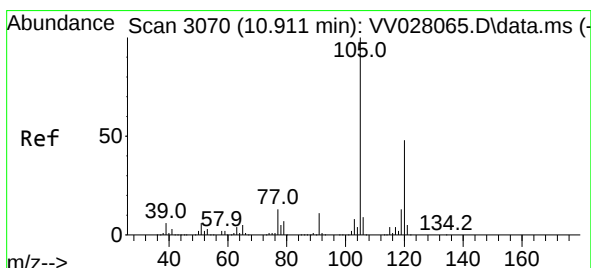
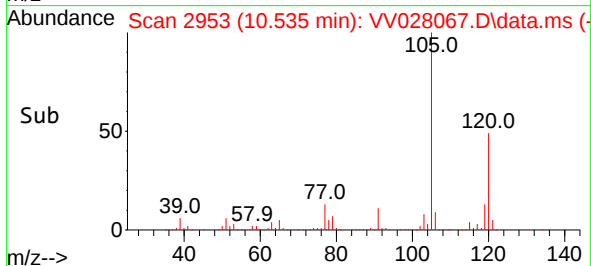
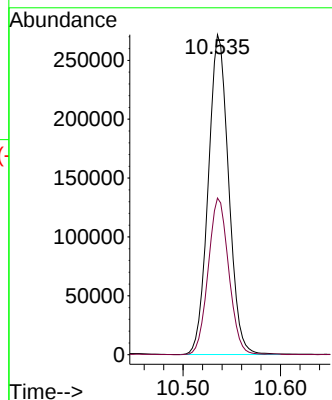
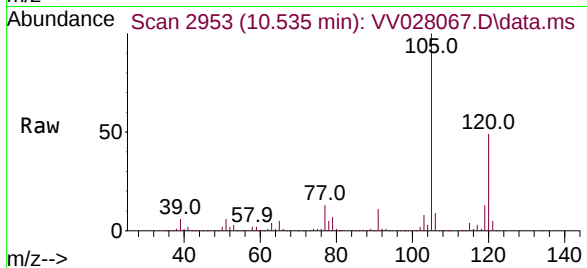
ClientSampleId :

Tgt Ion:105 Resp: 394488

Ion Ratio Lower Upper

105 100

120 49.3 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 24.320 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028067.D

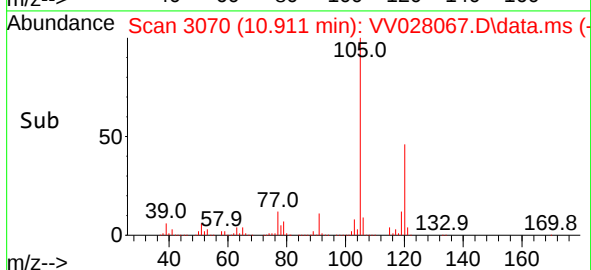
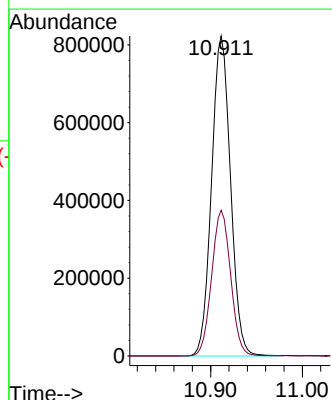
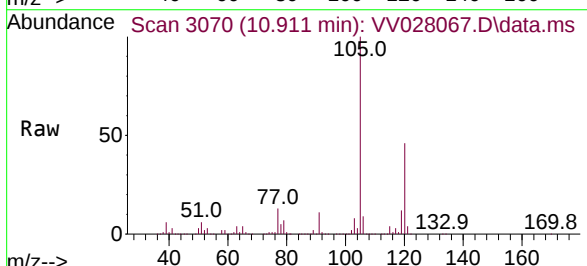
Acq: 22 Sep 2022 17:46

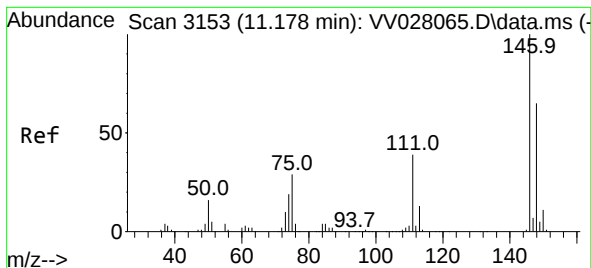
Tgt Ion:105 Resp: 1178564

Ion Ratio Lower Upper

105 100

120 45.7 37.8 56.8





#64

1,3-Dichlorobenzene

Concen: 19.849 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

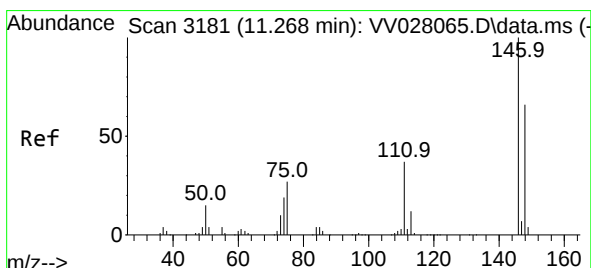
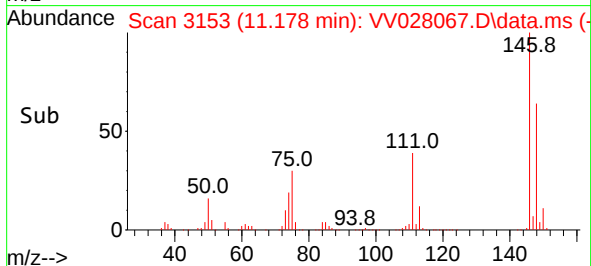
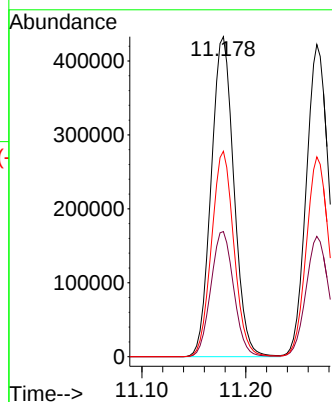
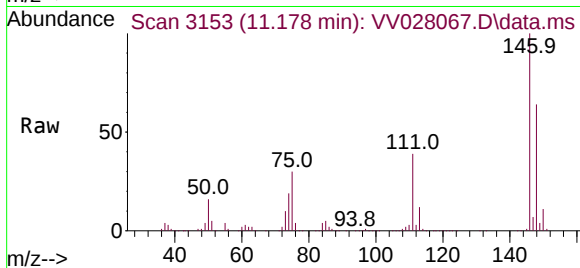
Tgt Ion:146 Resp: 656886

Ion Ratio Lower Upper

146 100

111 39.1 27.1 50.3

148 64.2 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 19.522 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

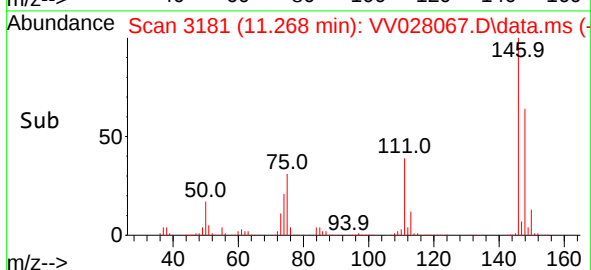
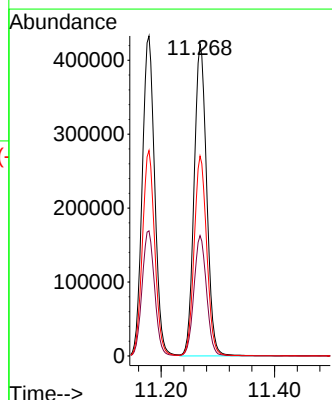
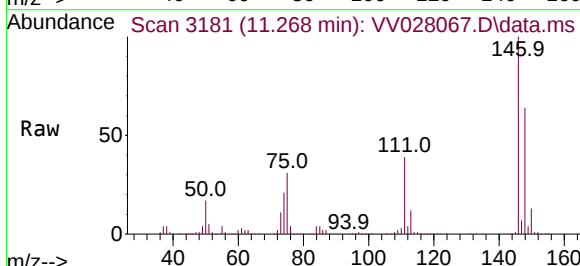
Tgt Ion:146 Resp: 648125

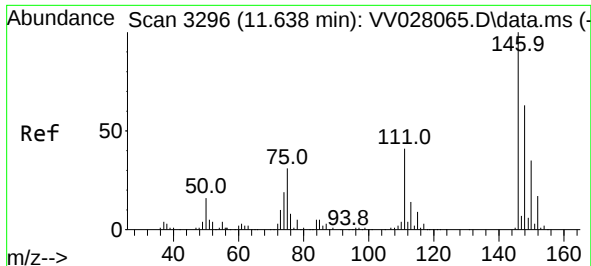
Ion Ratio Lower Upper

146 100

111 38.5 26.2 48.8

148 64.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 19.978 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

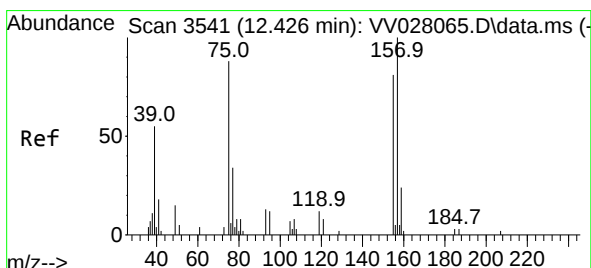
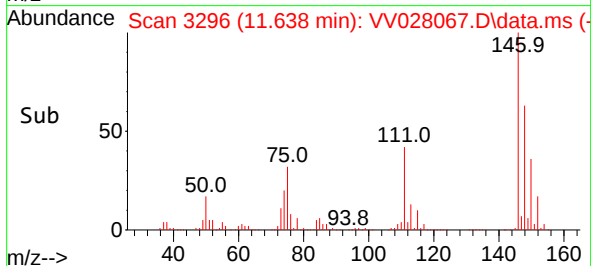
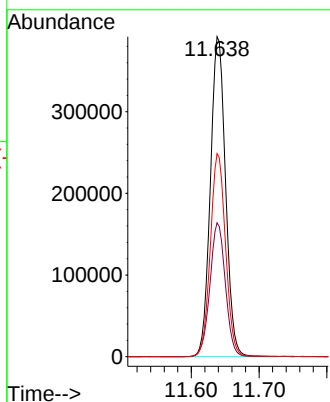
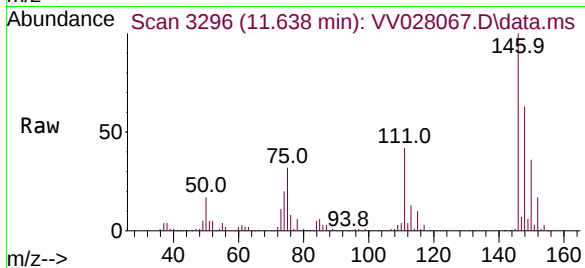
Tgt Ion:146 Resp: 608686

Ion Ratio Lower Upper

146 100

111 41.9 32.6 49.0

148 63.4 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.724 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

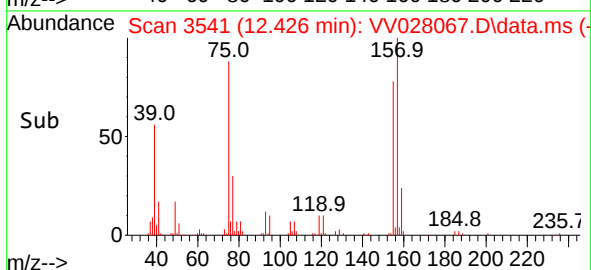
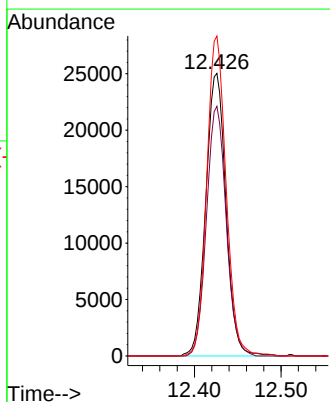
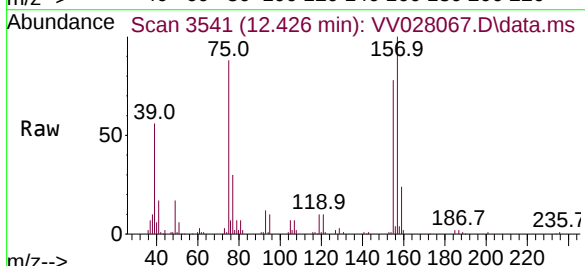
Tgt Ion: 75 Resp: 40534

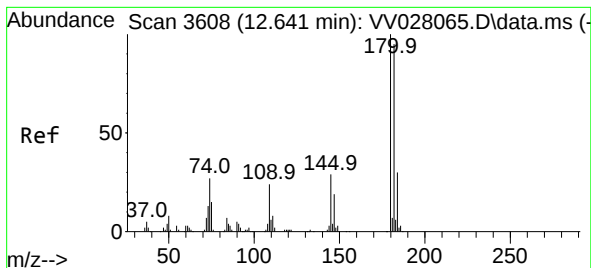
Ion Ratio Lower Upper

75 100

155 88.4 73.6 110.4

157 113.3 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 19.781 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 520364

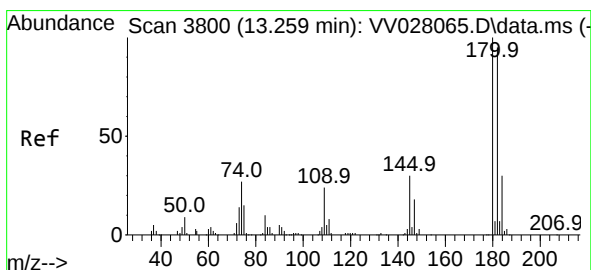
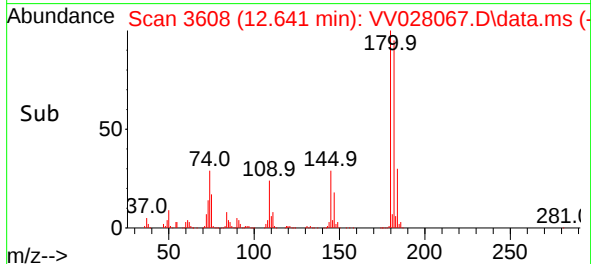
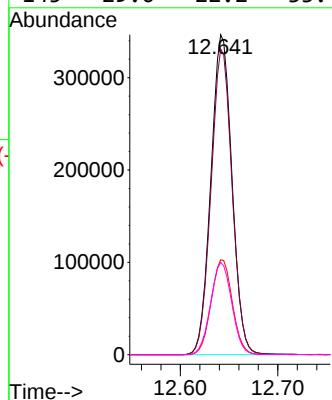
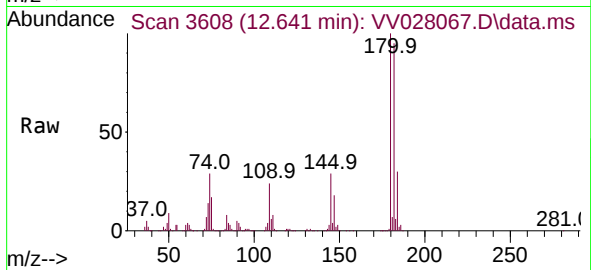
Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

184 29.9 23.7 35.5

145 29.0 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 20.595 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

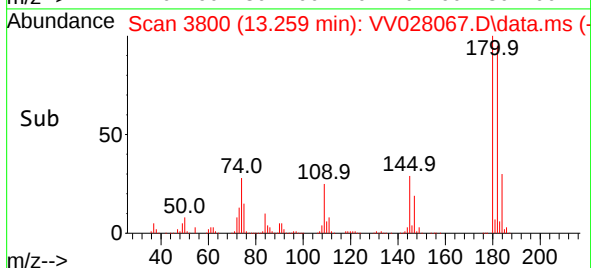
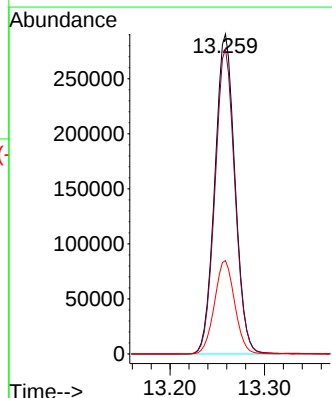
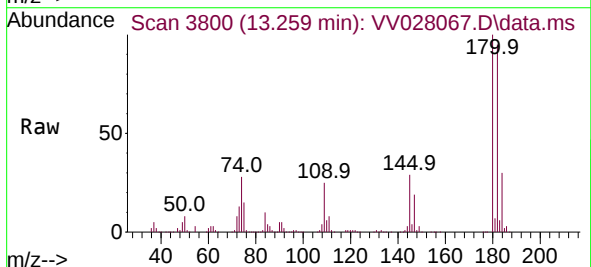
Tgt Ion:180 Resp: 430285

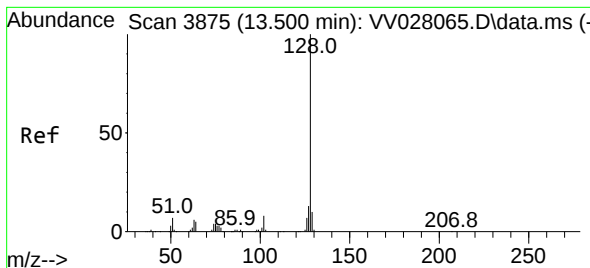
Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

145 29.4 22.9 34.3





#71

Naphthalene

Concen: 23.413 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

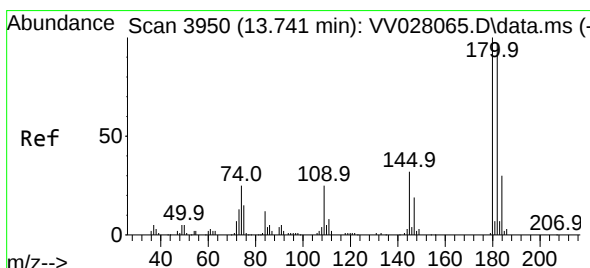
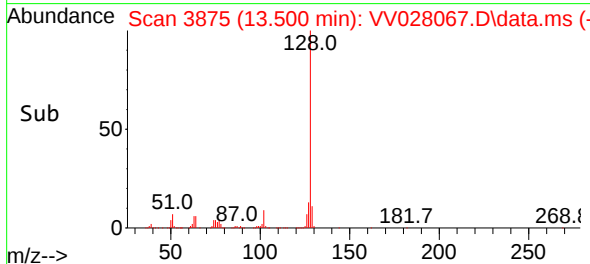
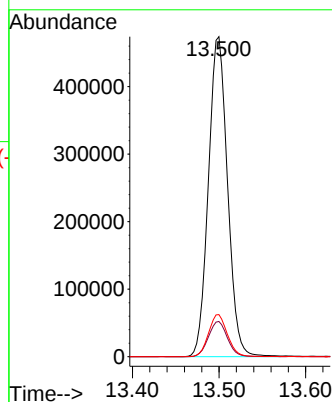
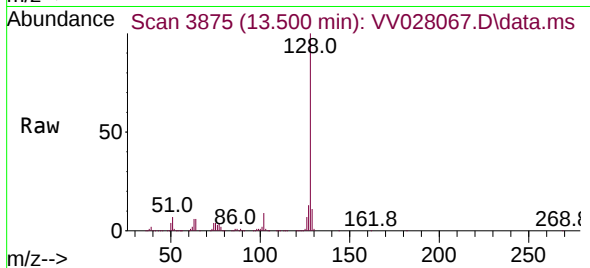
Tgt Ion:128 Resp: 727240

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.2

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 21.103 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028067.D

Acq: 22 Sep 2022 17:46

Tgt Ion:180 Resp: 392721

Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.0

145 31.1 24.6 36.8

