

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033075.D
 Acq On : 01 Dec 2023 13:24
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 04 03:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 03:53:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	336779	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	336958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	205028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101481	50.406	ug/L	0.00
7) Chloroethane-d5	1.532	69	69202	49.332	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	38331	50.047	ug/L	0.00
21) 2-Butanone-d5	3.783	46	102450	105.035	ug/L	0.00
24) Chloroform-d	4.249	84	219001	51.258	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	137939	51.928	ug/L	0.00
32) Benzene-d6	4.960	84	411020	52.155	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	109746	51.793	ug/L	0.00
41) Toluene-d8	7.243	98	397561	52.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	70745	52.799	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	89106	106.783	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	154579	51.319	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	185360	50.812	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	181130	49.204	ug/L	100
3) Chloromethane	1.217	50	118092	48.639	ug/L	100
5) Vinyl chloride	1.285	62	110627	47.510	ug/L	100
6) Bromomethane	1.487	94	73954	48.673	ug/L	100
8) Chloroethane	1.548	64	59135	47.701	ug/L	100
9) Trichlorofluoromethane	1.716	101	193894	50.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	90436	50.122	ug/L	100
12) 1,1-Dichloroethene	2.072	96	84879	50.271	ug/L	100
13) Acetone	2.111	43	93722	98.178	ug/L	100
14) Carbon disulfide	2.243	76	301372	49.750	ug/L	100
15) Methyl Acetate	2.371	43	80505	50.599	ug/L	100
16) Methylene chloride	2.449	84	109832	49.125	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	111550	50.319	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	341800	50.754	ug/L	100
19) 1,1-Dichloroethane	3.114	63	181250	49.399	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	121614	51.701	ug/L	100
22) 2-Butanone	3.863	43	122931	105.098	ug/L	100
23) Bromochloromethane	4.146	128	66360	49.391	ug/L	100
25) Chloroform	4.278	83	214788	50.900	ug/L	100
27) 1,2-Dichloroethane	5.040	62	168623	50.569	ug/L	100
29) Cyclohexane	4.584	56	158260	50.850	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	211217	50.720	ug/L	100
31) Carbon tetrachloride	4.738	117	195842	50.578	ug/L	100
33) Benzene	5.011	78	438863	51.396	ug/L	100
34) Trichloroethene	5.834	95	127525	49.990	ug/L	100
35) Methylcyclohexane	6.050	83	191375	51.690	ug/L	100
37) 1,2-Dichloropropane	6.095	63	102169	51.701	ug/L	100
38) Bromodichloromethane	6.432	83	159702	50.129	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	181442	50.600	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	220356	105.021	ug/L	100
42) Toluene	7.317	91	495140	51.459	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	189291	52.204	ug/L	100

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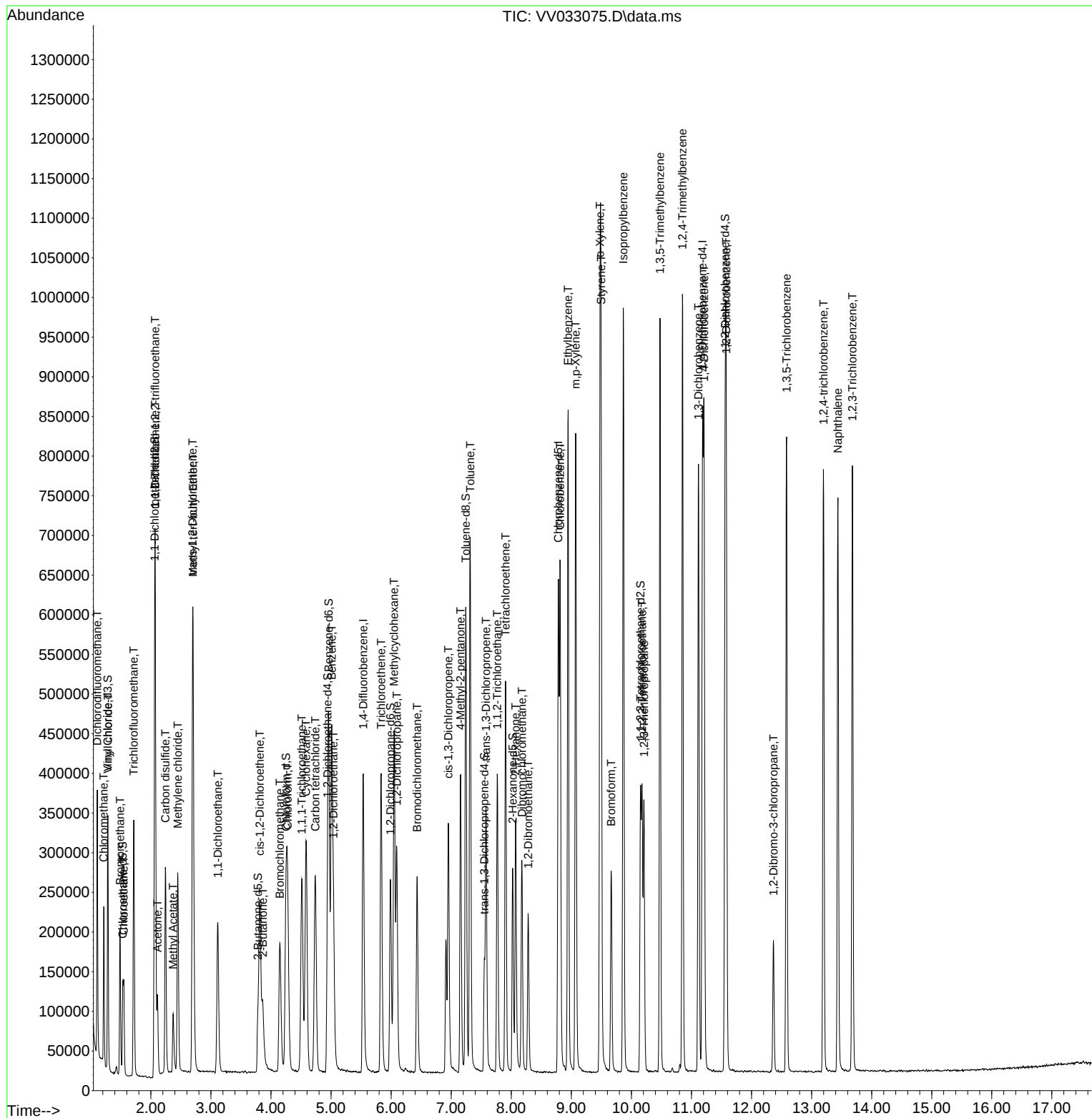
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	114460	49.954	ug/L	100
46) Tetrachloroethene	7.905	164	110146	50.228	ug/L	100
48) 2-Hexanone	8.072	43	181670	108.225	ug/L	100
49) Dibromochloromethane	8.178	129	138374	50.589	ug/L	100
50) 1,2-Dibromoethane	8.281	107	124071	50.790	ug/L	100
51) Chlorobenzene	8.815	112	341471	50.466	ug/L	100
52) Ethylbenzene	8.947	91	567279	51.220	ug/L	100
53) m,p-Xylene	9.072	106	225411	51.393	ug/L	100
54) o-Xylene	9.477	106	220415	50.928	ug/L	100
55) Styrene	9.497	104	391675	52.313	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	154138	49.237	ug/L	100
59) Bromoform	9.664	173	112571	50.589	ug/L	100
60) Isopropylbenzene	9.866	105	616122	52.117	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	124540	48.714	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	497634	52.247	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	518509	52.272	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	316665	50.139	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	323875	49.367	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	308375	49.805	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	38012	48.456	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	248453	49.112	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	233849	50.033	ug/L	100
71) Naphthalene	13.438	128	579307	50.823	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	232575	51.569	ug/L	100

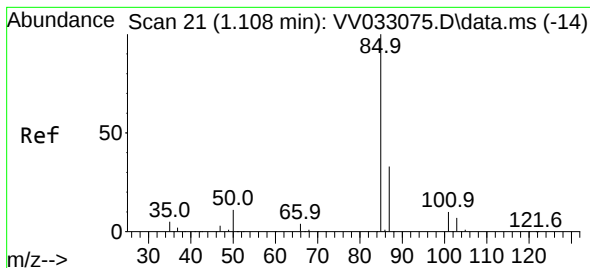
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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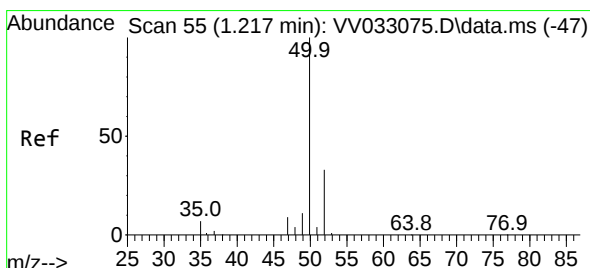
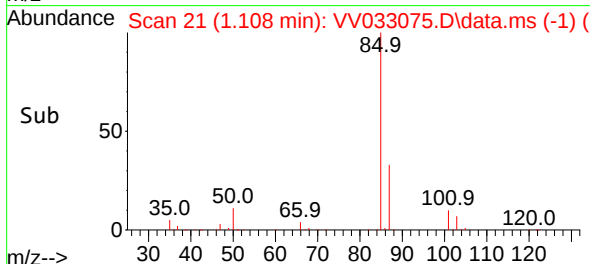
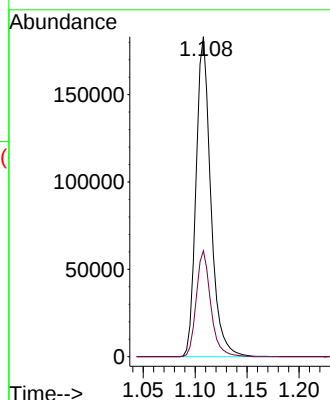
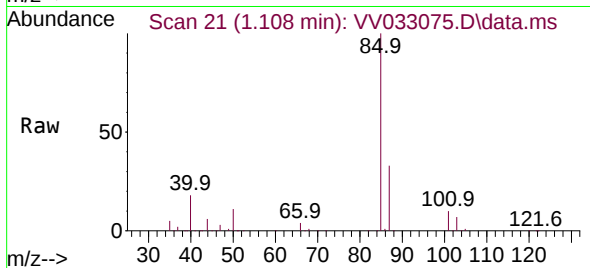




#2
 Dichlorodifluoromethane
 Concen: 49.204 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033075.D
 Acq: 01 Dec 2023 13:24

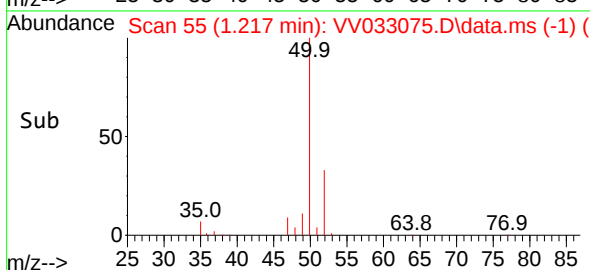
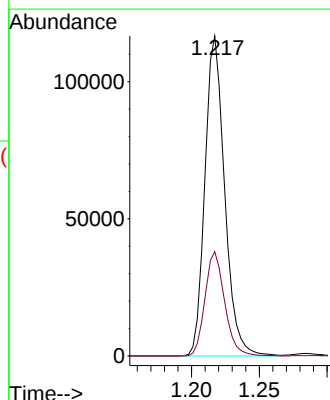
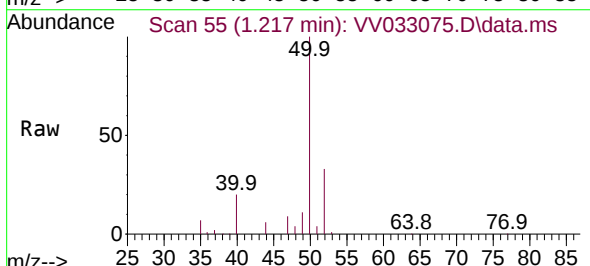
Instrument :
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 ClientSampleId :

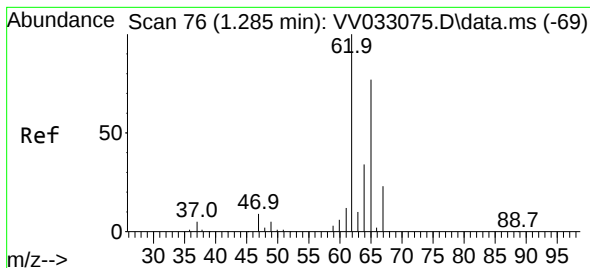
Tgt Ion: 85 Resp: 181130
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 48.639 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033075.D
 Acq: 01 Dec 2023 13:24

Tgt Ion: 50 Resp: 118092
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

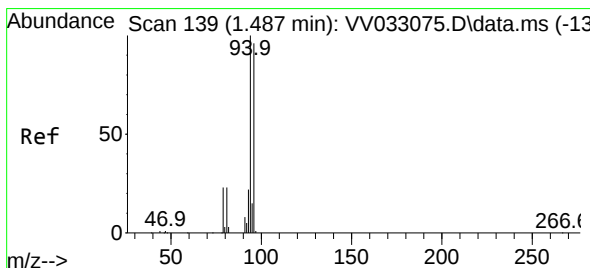
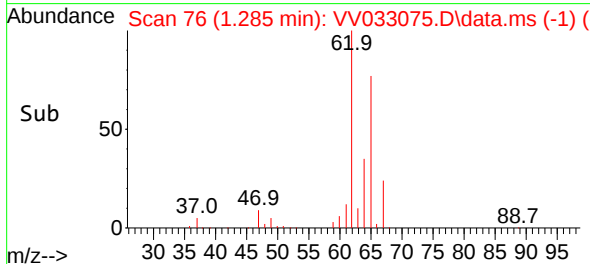
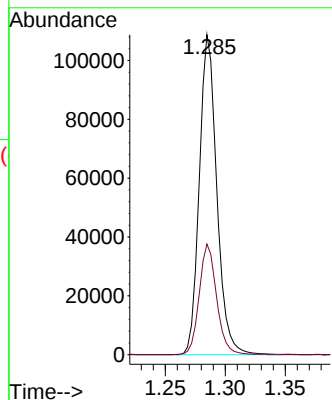
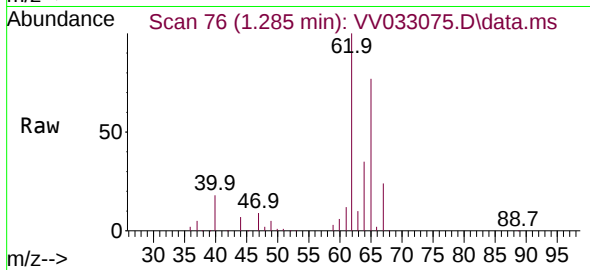




#5
 Vinyl chloride
 Concen: 47.510 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033075.D
 Acq: 01 Dec 2023 13:24

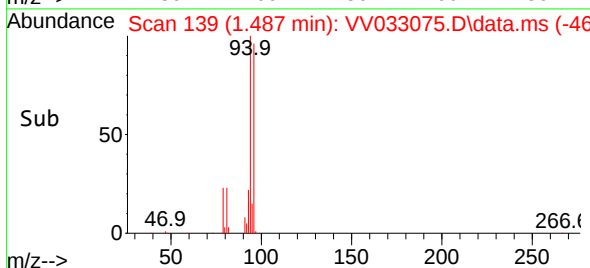
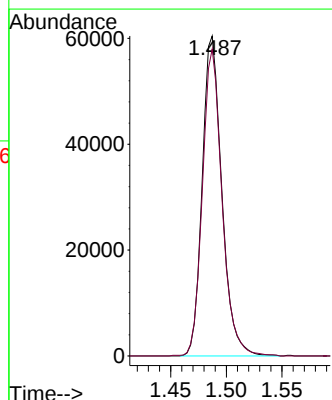
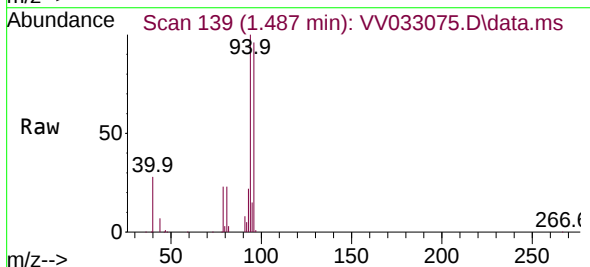
Instrument :
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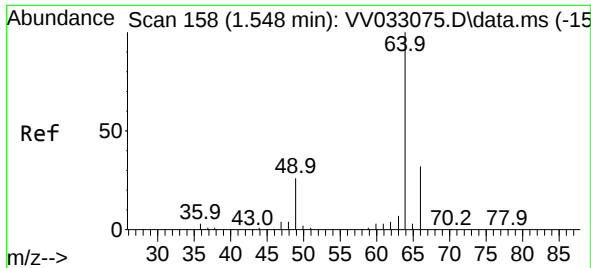
Tgt Ion: 62 Resp: 110627
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.2 45.0



#6
 Bromomethane
 Concen: 48.673 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV033075.D
 Acq: 01 Dec 2023 13:24

Tgt Ion: 94 Resp: 73954
 Ion Ratio Lower Upper
 94 100
 96 95.9 67.1 124.7

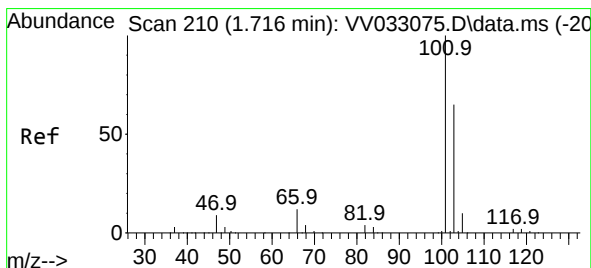
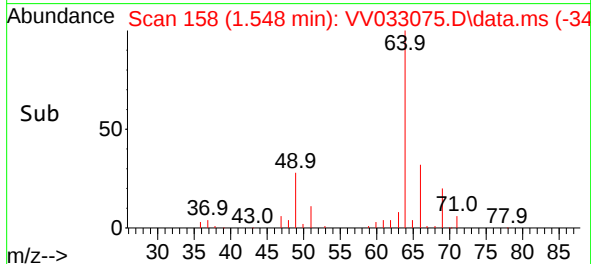
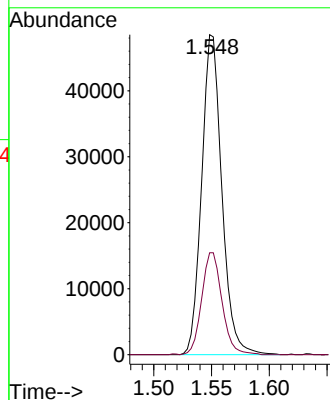
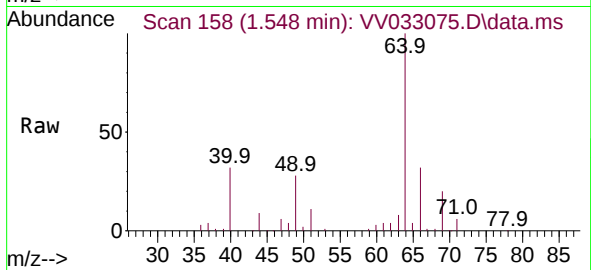




#8
Chloroethane
Concen: 47.701 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

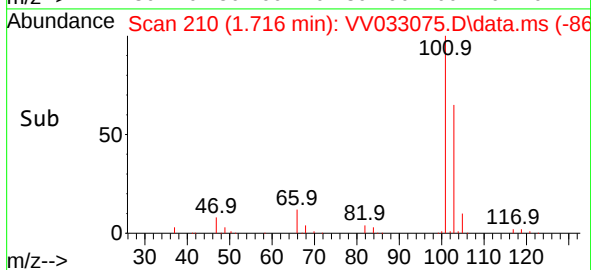
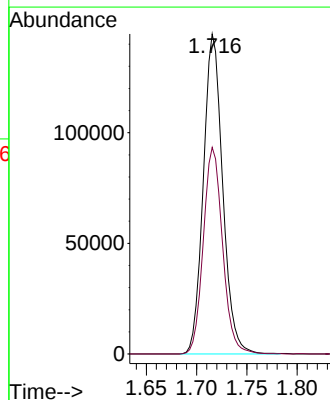
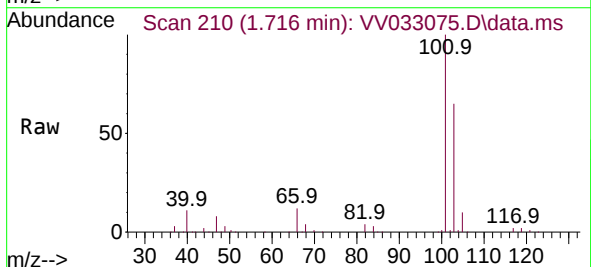
Instrument :
MSVOA_V
ClientSampleId :

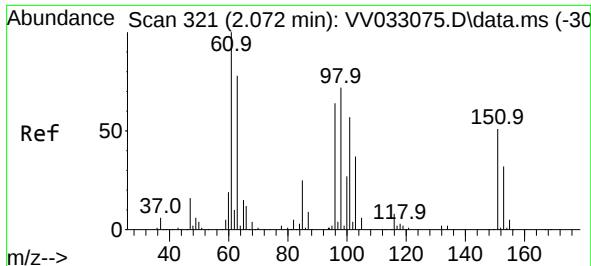
Tgt Ion: 64 Resp: 59135
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 50.463 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion:101 Resp: 193894
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9





#10

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

Concen: 50.122 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

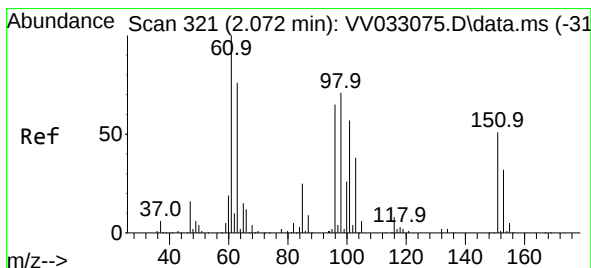
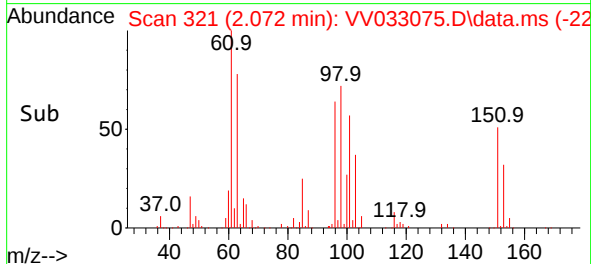
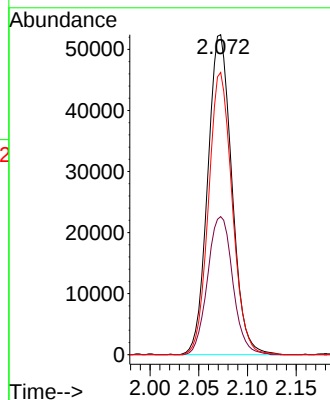
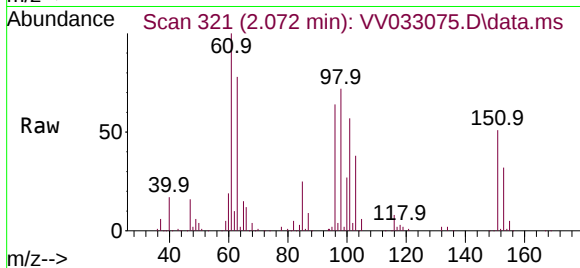
Tgt Ion:101 Resp: 90436

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

151 86.4 69.1 103.7



#12

1,1-Dichloroethene

Concen: 50.271 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

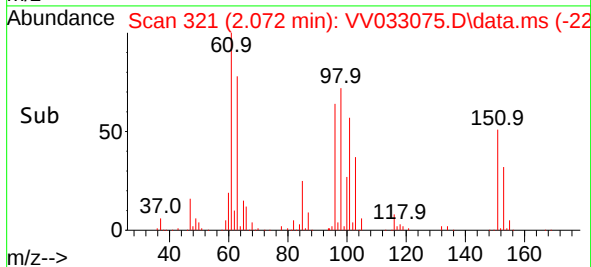
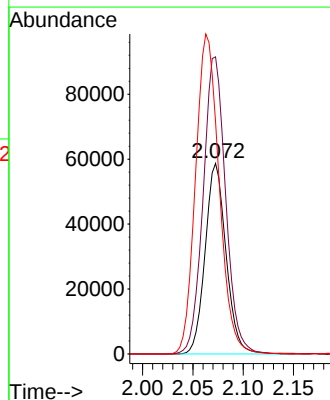
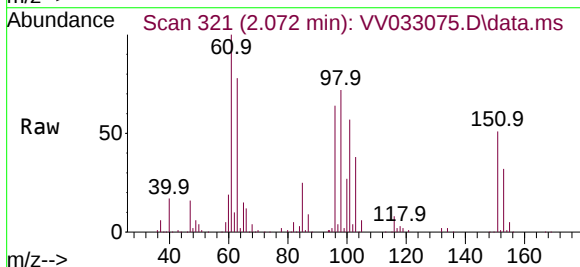
Tgt Ion: 96 Resp: 84879

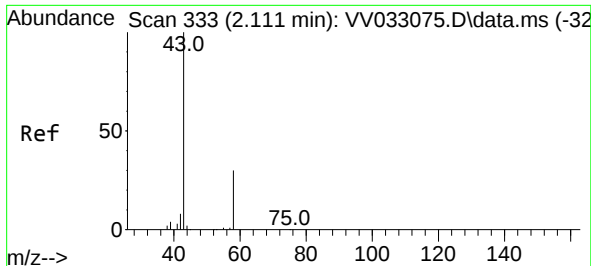
Ion Ratio Lower Upper

96 100

61 155.9 109.1 202.7

63 121.8 85.3 158.3





#13

Acetone

Concen: 98.178 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

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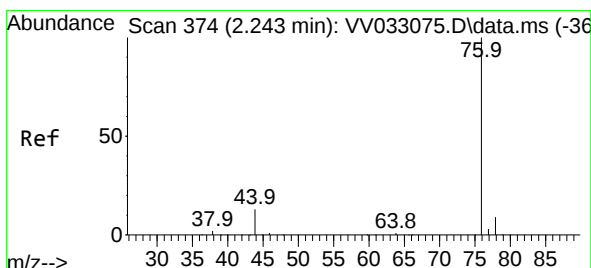
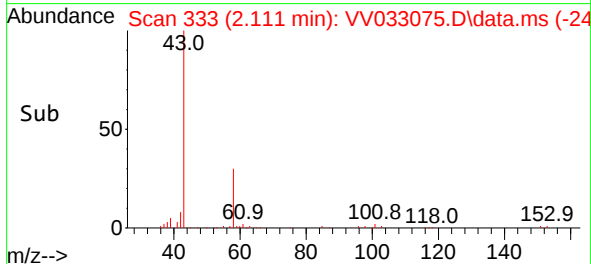
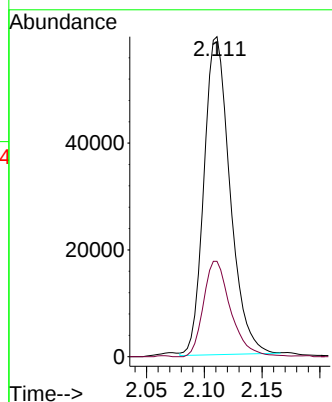
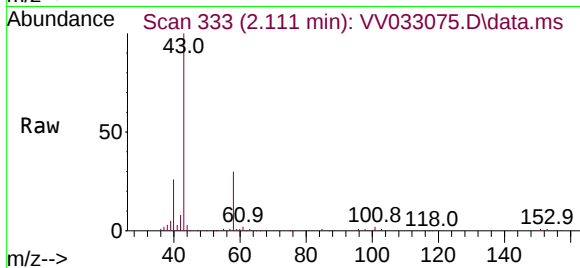
ClientSampleId :

Tgt Ion: 43 Resp: 93722

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8



#14

Carbon disulfide

Concen: 49.750 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033075.D

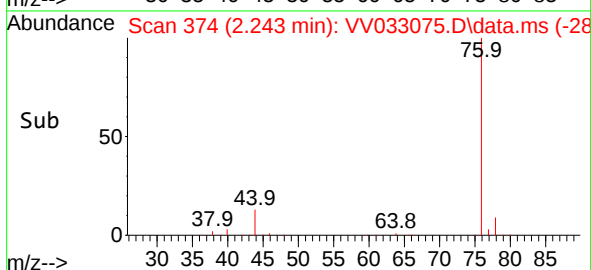
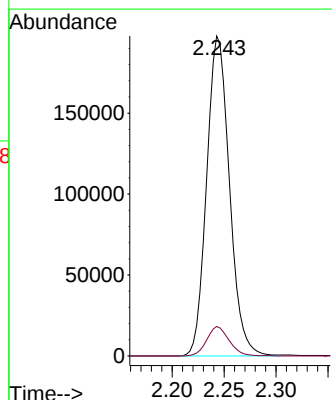
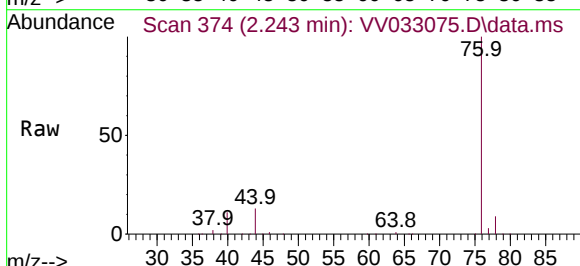
Acq: 01 Dec 2023 13:24

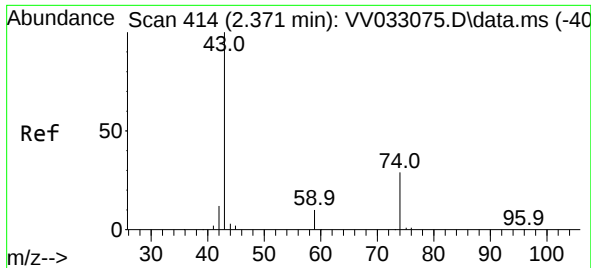
Tgt Ion: 76 Resp: 301372

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

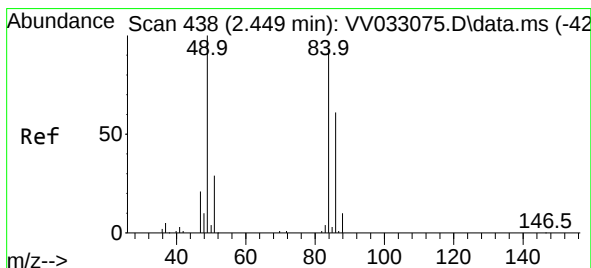
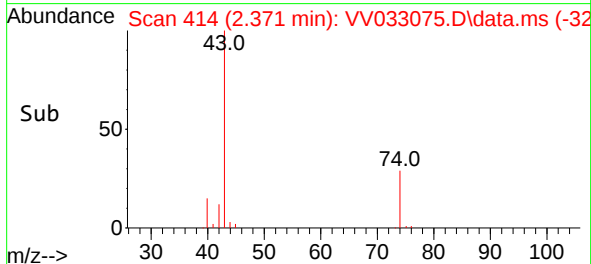
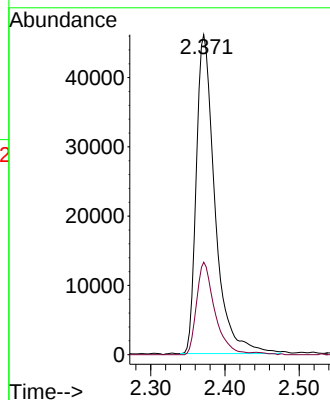
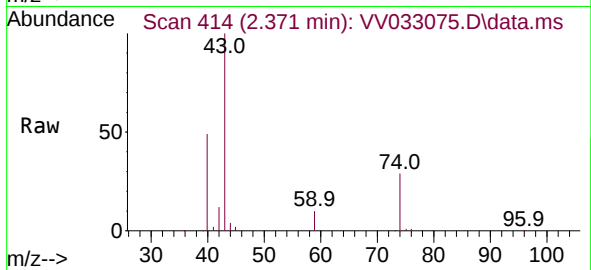




#15
Methyl Acetate
Concen: 50.599 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

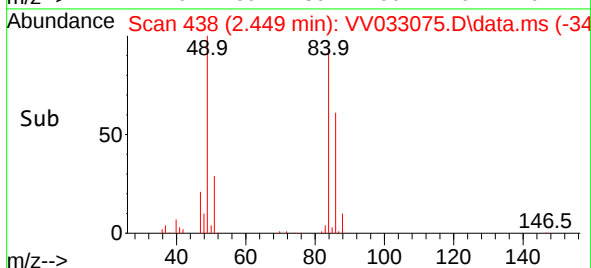
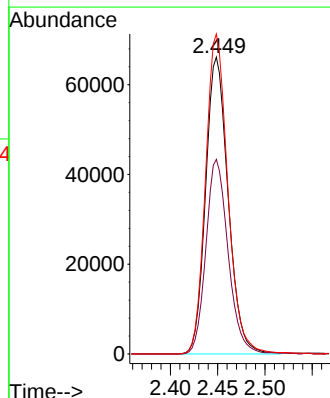
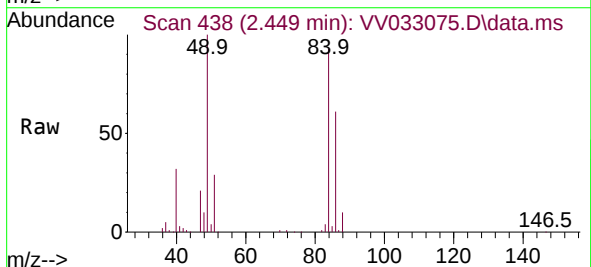
Instrument :
MSVOA_V
ClientSampleId :

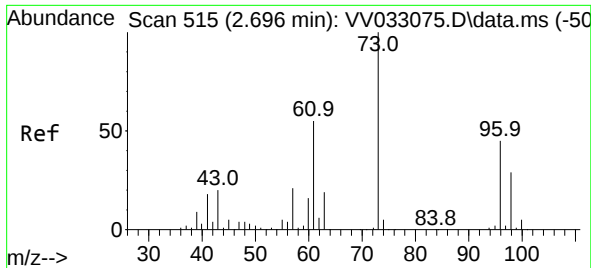
Tgt Ion: 43 Resp: 80505
Ion Ratio Lower Upper
43 100
74 28.2 22.6 33.8



#16
Methylene chloride
Concen: 49.125 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 84 Resp: 109832
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 107.8 75.5 140.1

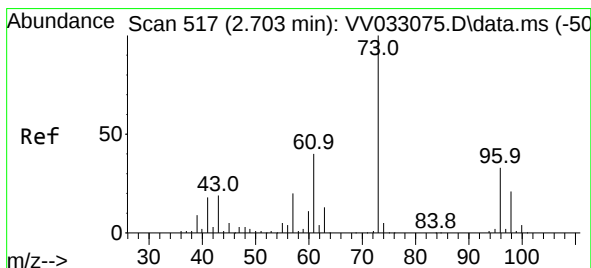
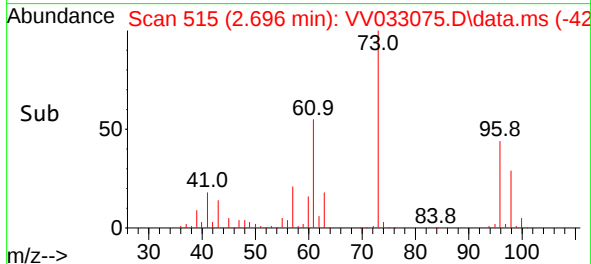
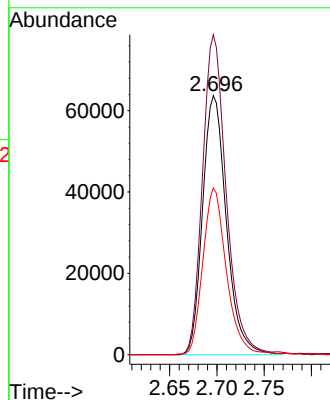
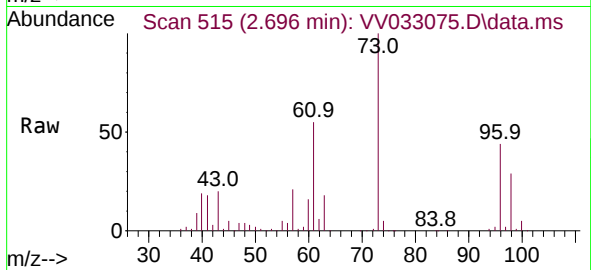




#17
trans-1,2-Dichloroethene
Concen: 50.319 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

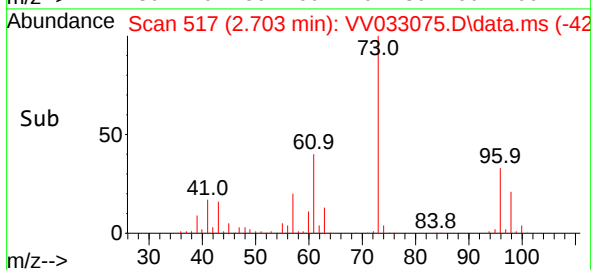
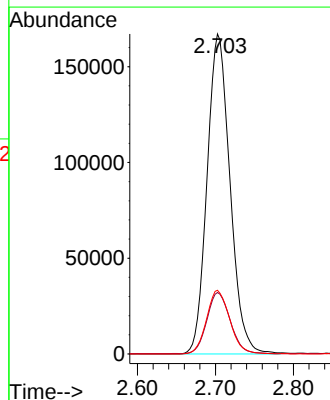
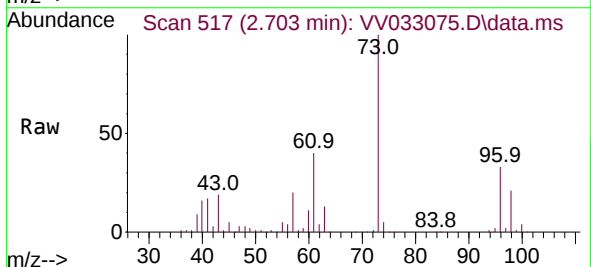
Instrument :
MSVOA_V
ClientSampleId :

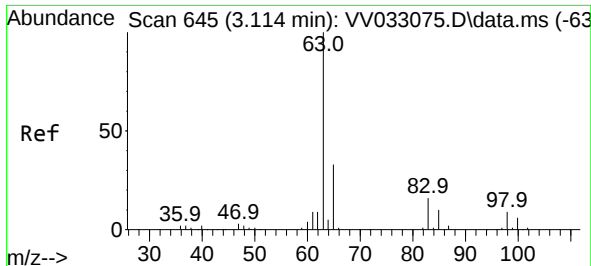
Tgt Ion: 96 Resp: 111550
Ion Ratio Lower Upper
96 100
61 123.5 86.5 160.6
98 64.4 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 50.754 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 73 Resp: 341800
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 20.1 16.1 24.1





#19

1,1-Dichloroethane

Concen: 49.399 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

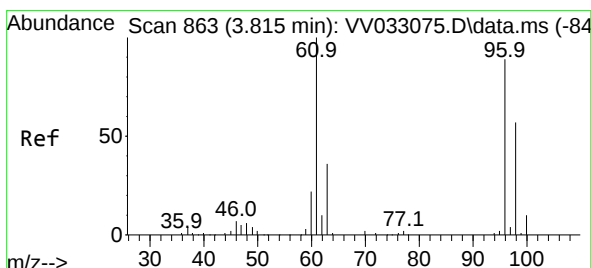
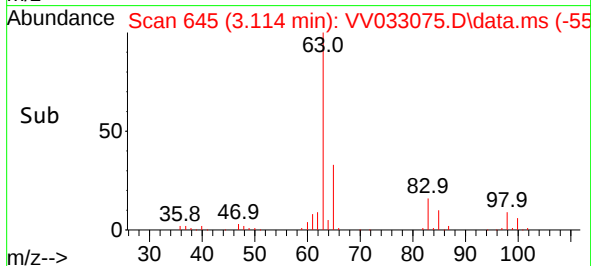
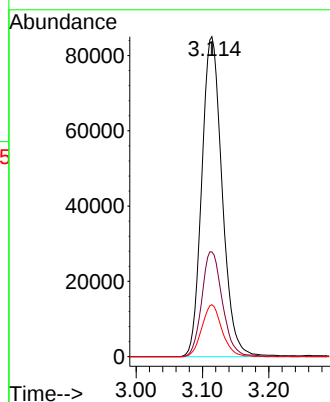
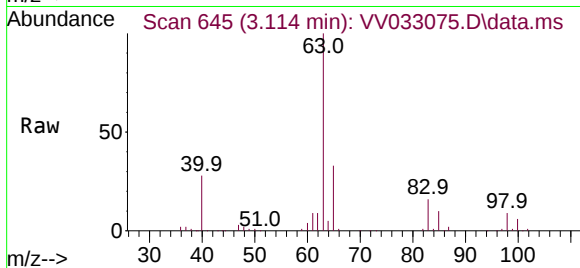
Tgt Ion: 63 Resp: 181250

Ion Ratio Lower Upper

63 100

65 32.8 23.0 42.6

83 16.3 11.4 21.2



#20

cis-1,2-Dichloroethene

Concen: 51.701 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

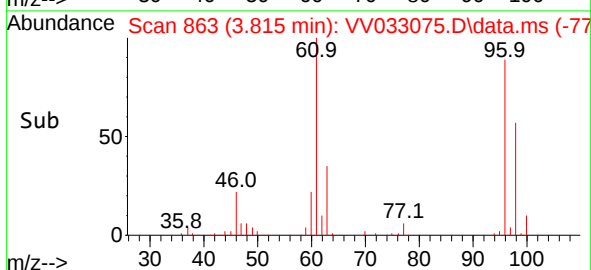
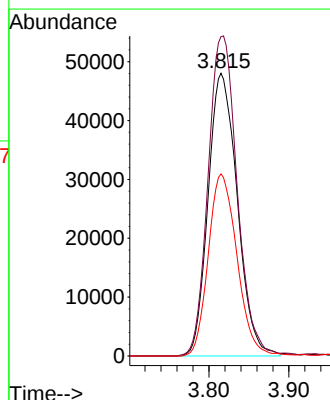
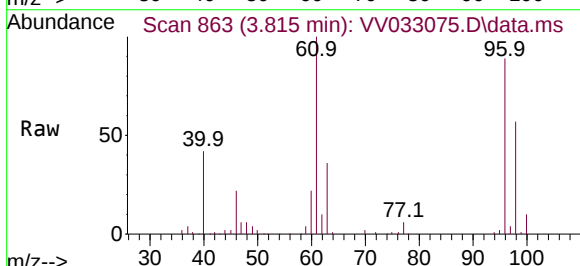
Tgt Ion: 96 Resp: 121614

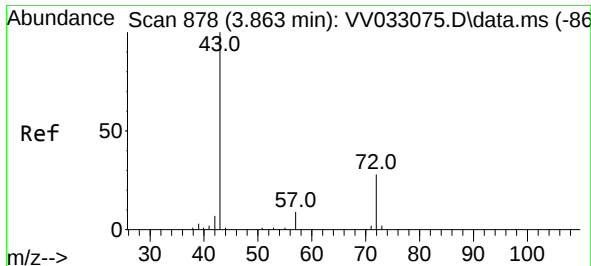
Ion Ratio Lower Upper

96 100

61 113.0 79.1 146.9

98 64.4 45.1 83.7

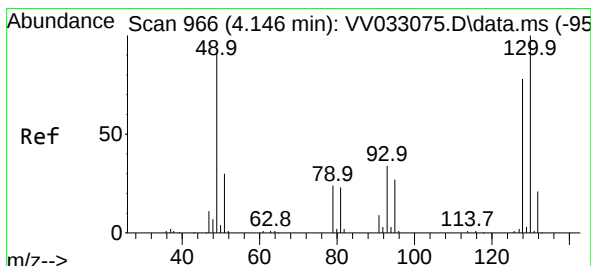
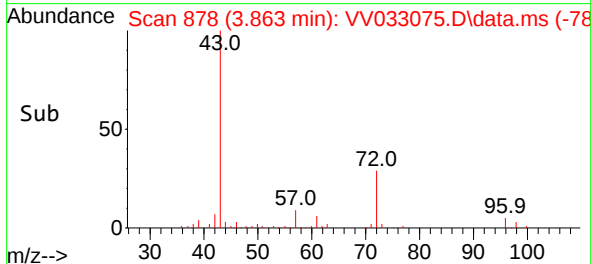
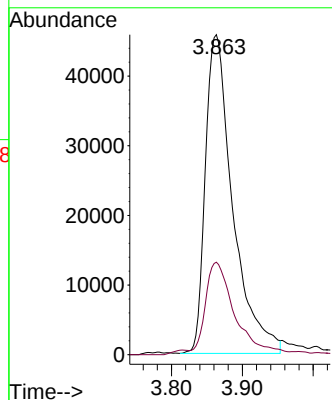
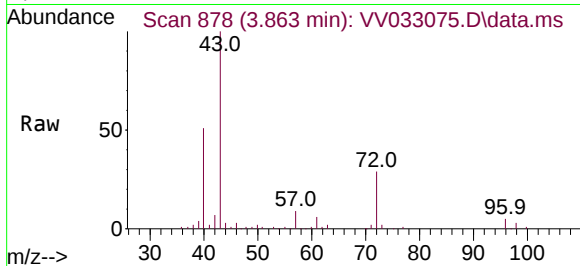




#22
2-Butanone
Concen: 105.098 ug/L
RT: 3.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

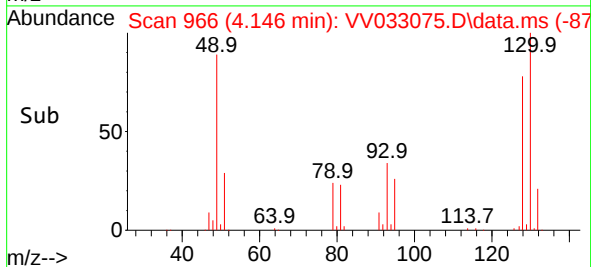
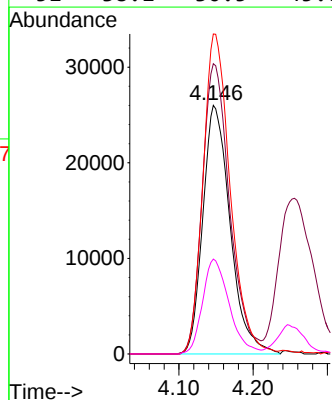
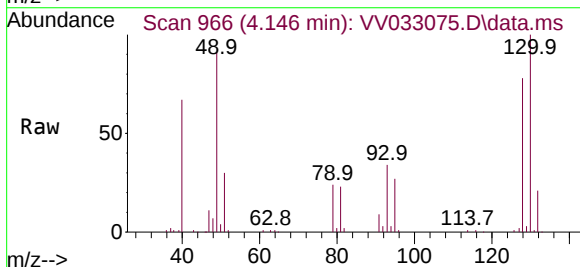
Instrument :
MSVOA_V
ClientSampleId :

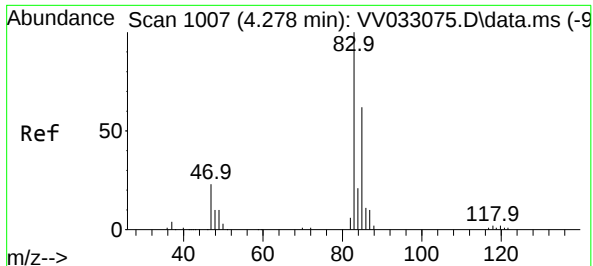
Tgt Ion: 43 Resp: 122931
Ion Ratio Lower Upper
43 100
72 29.2 14.6 43.8



#23
Bromochloromethane
Concen: 49.391 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 128 Resp: 66360
Ion Ratio Lower Upper
128 100
49 116.7 81.7 151.7
130 128.7 90.1 167.3
51 38.1 30.5 45.7

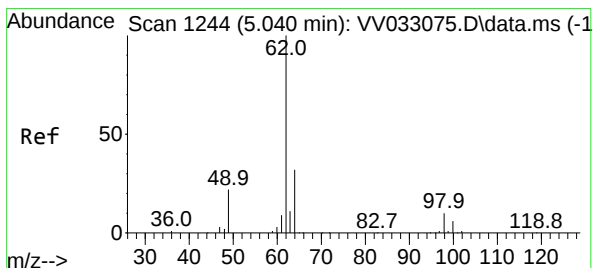
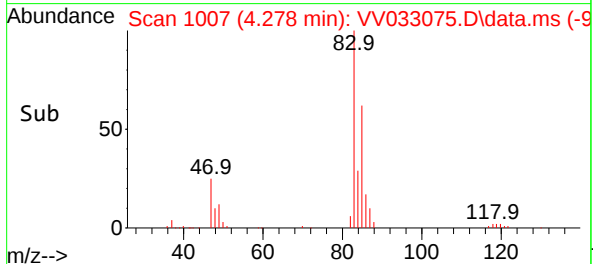
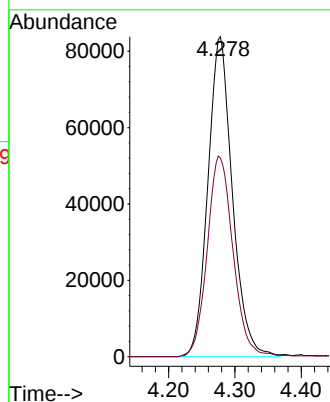
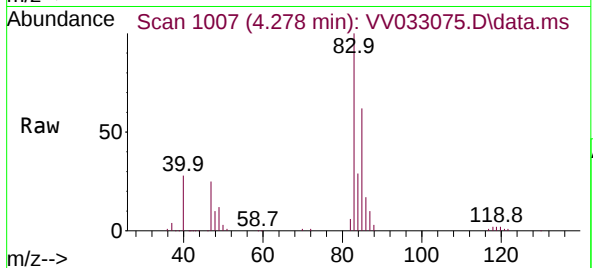




#25
Chloroform
Concen: 50.900 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

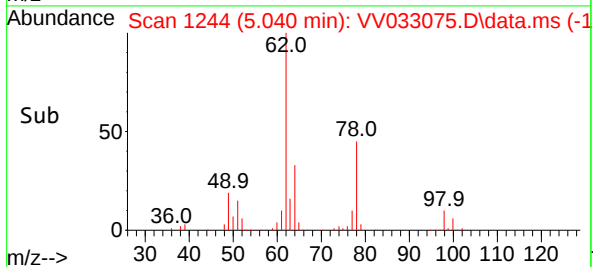
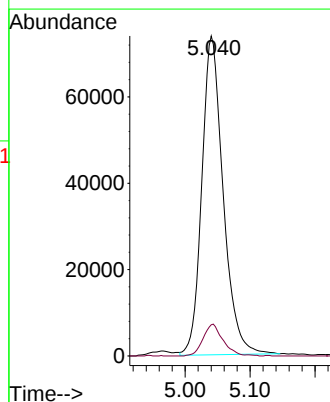
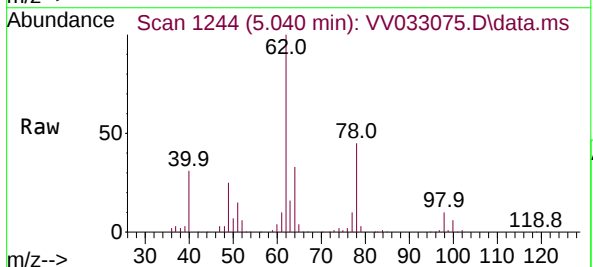
Instrument :
MSVOA_V
ClientSampleId :

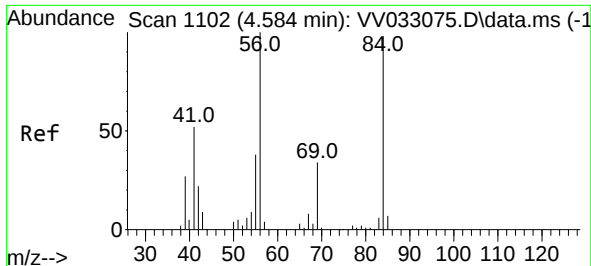
Tgt Ion: 83 Resp: 214788
Ion Ratio Lower Upper
83 100
85 62.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 50.569 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

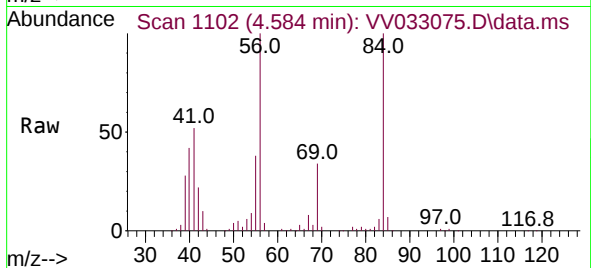
Tgt Ion: 62 Resp: 168623
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8



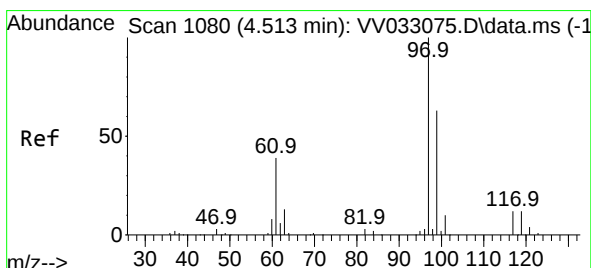
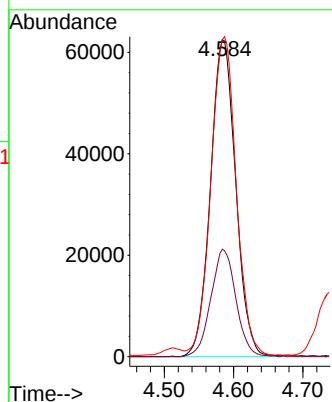
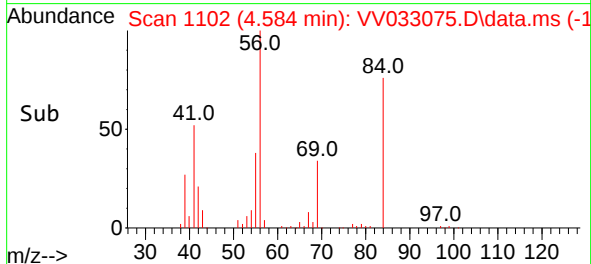


#29
Cyclohexane
Concen: 50.850 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Instrument :
MSVOA_V
ClientSampleId :

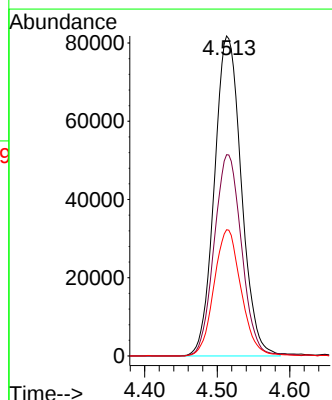
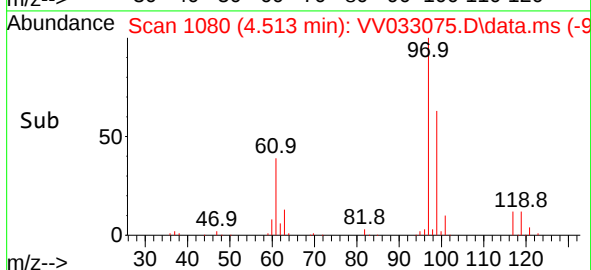
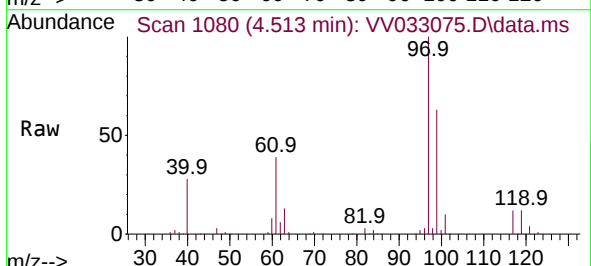


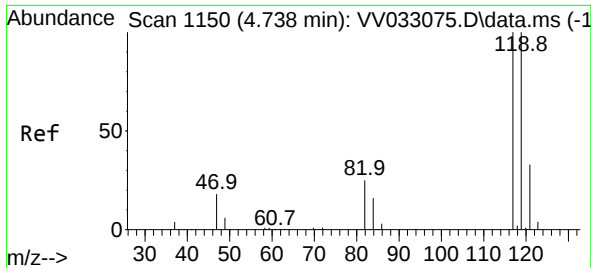
Tgt Ion: 56 Resp: 158260
Ion Ratio Lower Upper
56 100
69 33.6 26.9 40.3
84 100.8 80.6 121.0



#30
1,1,1-Trichloroethane
Concen: 50.720 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 97 Resp: 211217
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 39.8 31.8 47.8

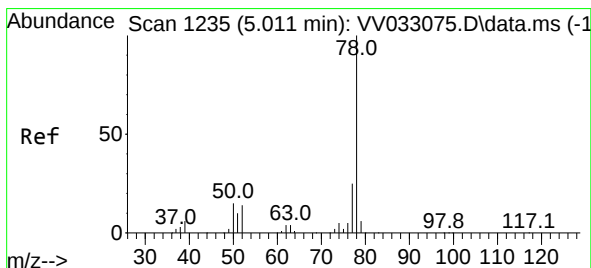
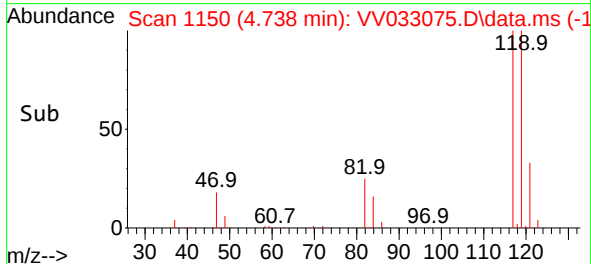
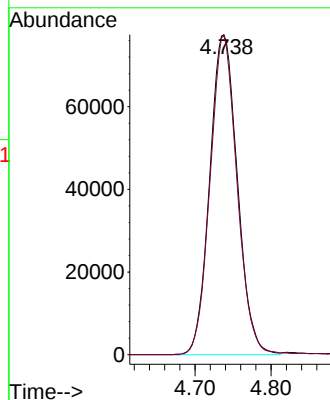
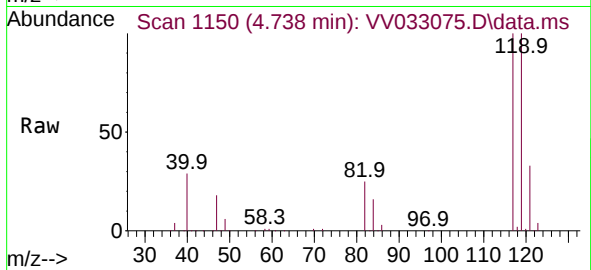




#31
Carbon tetrachloride
Concen: 50.578 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

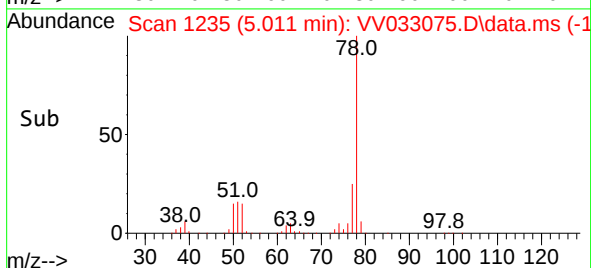
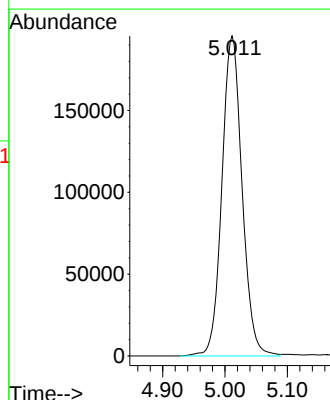
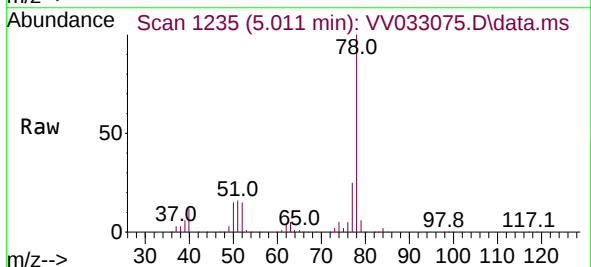
Instrument :
MSVOA_V
ClientSampleId :

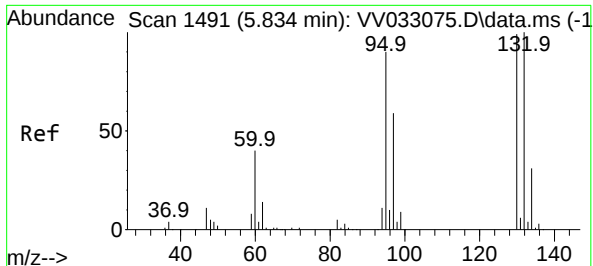
Tgt Ion:117 Resp: 195842
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 51.396 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 78 Resp: 438863





#34

Trichloroethene

Concen: 49.990 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 127525

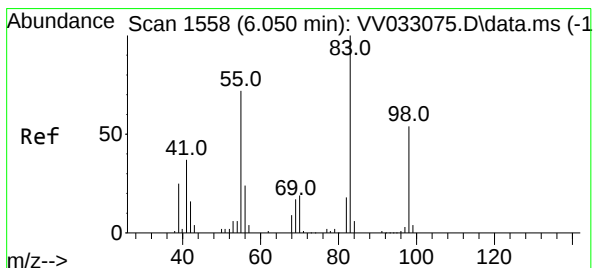
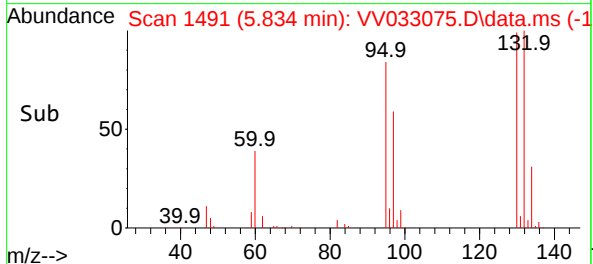
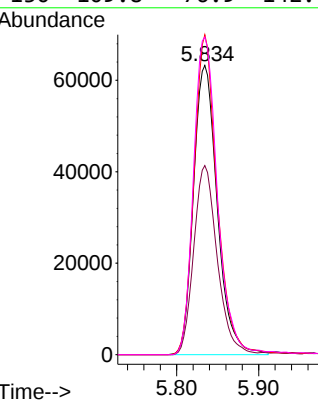
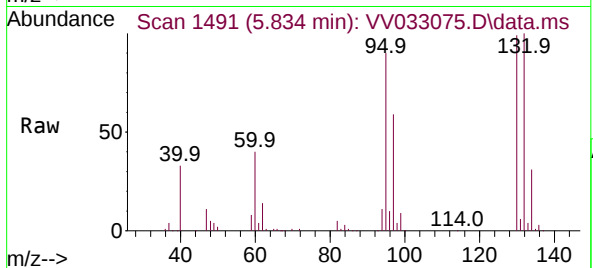
Ion Ratio Lower Upper

95 100

97 65.4 45.8 85.0

132 110.6 77.4 143.8

130 109.8 76.9 142.7



#35

Methylcyclohexane

Concen: 51.690 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

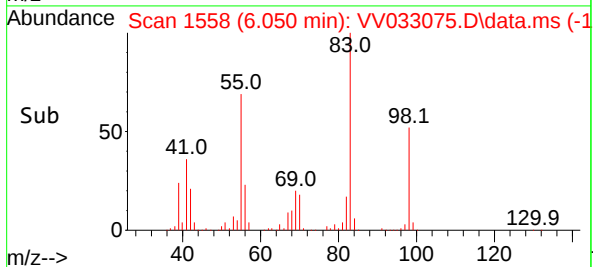
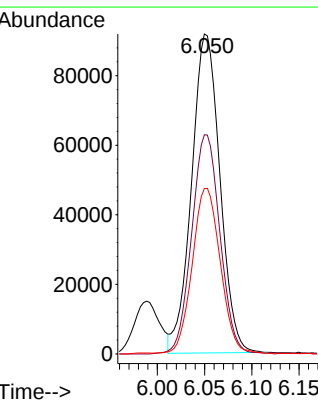
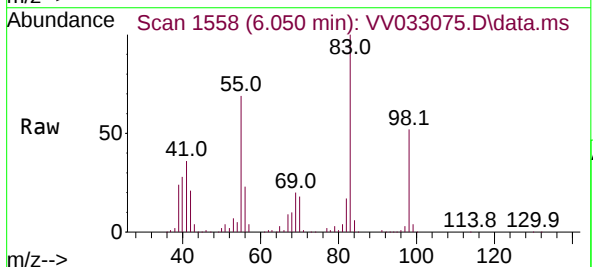
Tgt Ion: 83 Resp: 191375

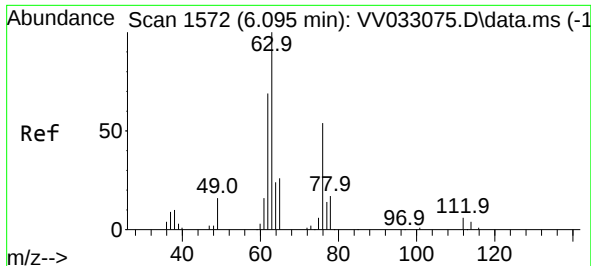
Ion Ratio Lower Upper

83 100

55 68.5 54.8 82.2

98 51.7 41.4 62.0

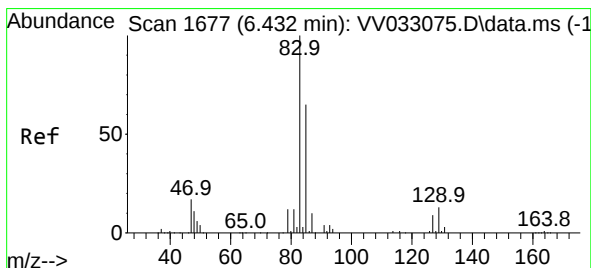
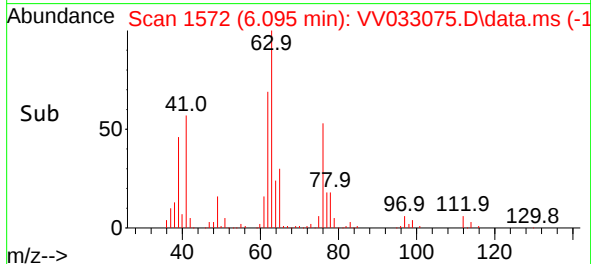
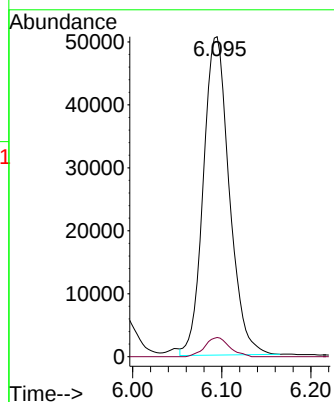
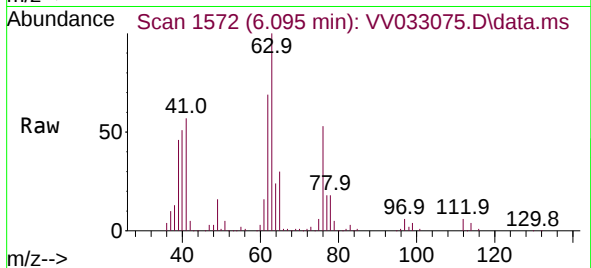




#37
1,2-Dichloropropane
Concen: 51.701 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

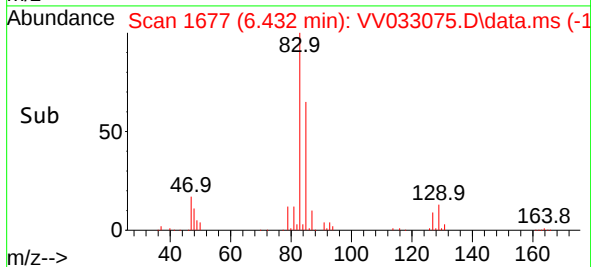
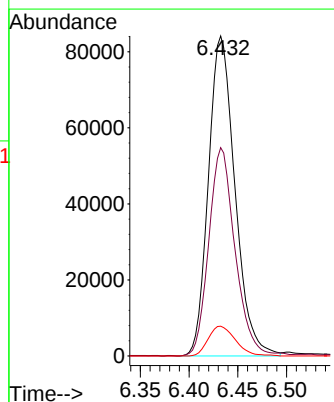
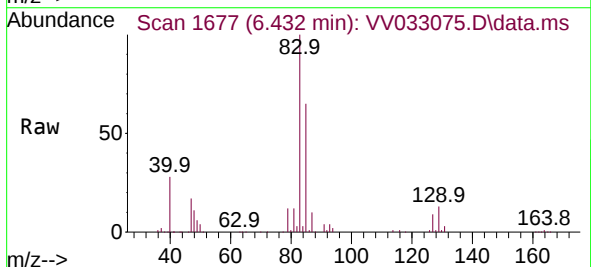
Instrument :
MSVOA_V
ClientSampleId :

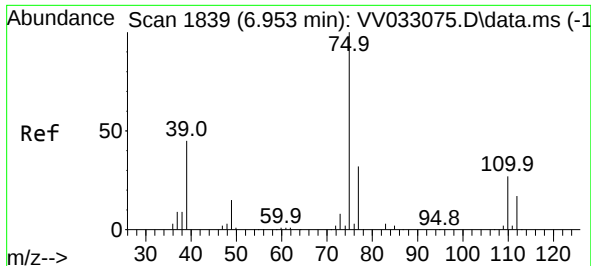
Tgt Ion: 63 Resp: 102169
Ion Ratio Lower Upper
63 100
112 5.7 4.6 6.8



#38
Bromodichloromethane
Concen: 50.129 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 83 Resp: 159702
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6
127 9.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 50.600 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

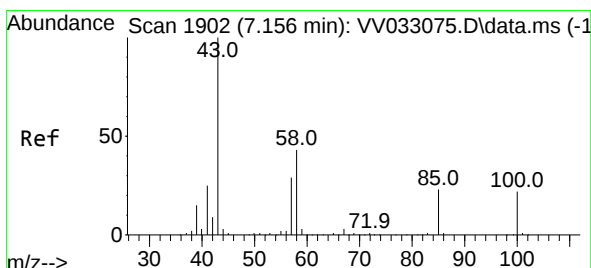
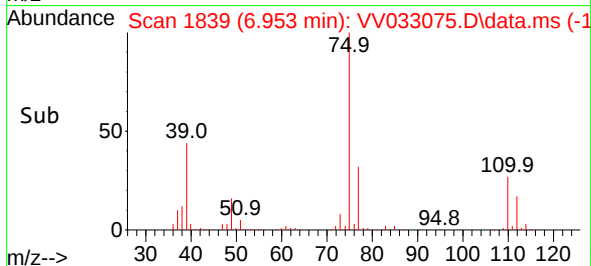
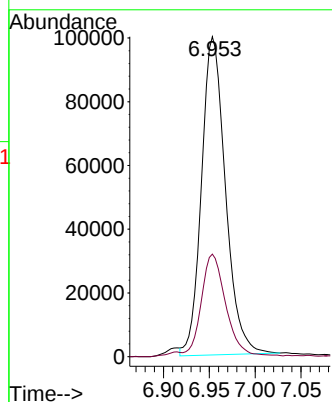
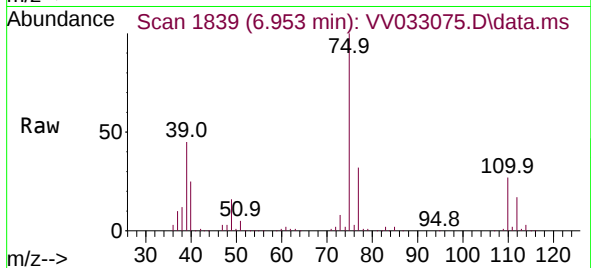
ClientSampleId :

Tgt Ion: 75 Resp: 181442

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 105.021 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

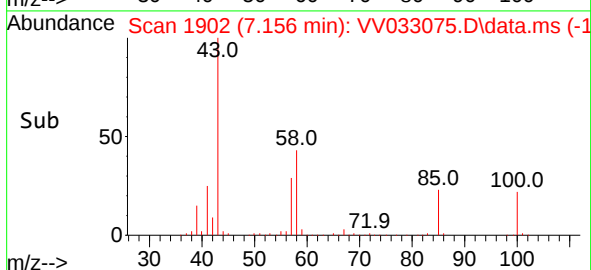
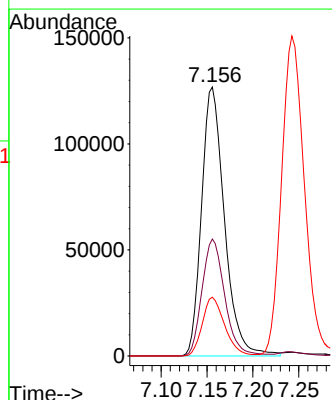
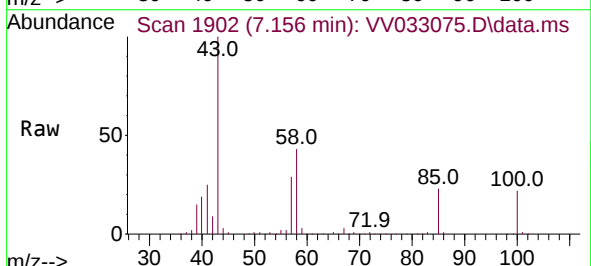
Tgt Ion: 43 Resp: 220356

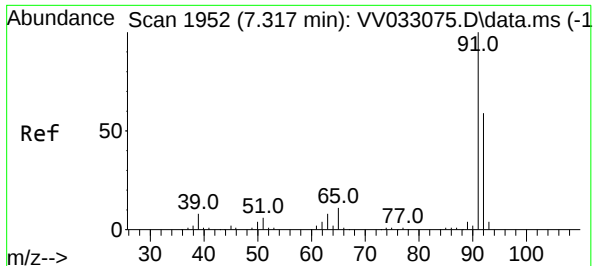
Ion Ratio Lower Upper

43 100

58 43.1 34.5 51.7

100 21.3 17.0 25.6





#42

Toluene

Concen: 51.459 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

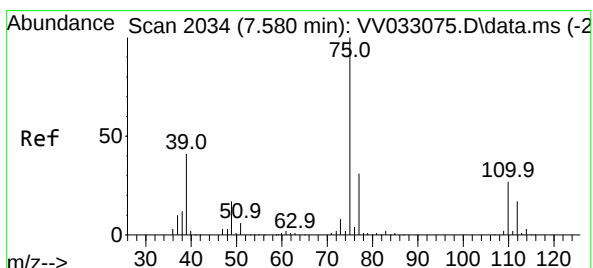
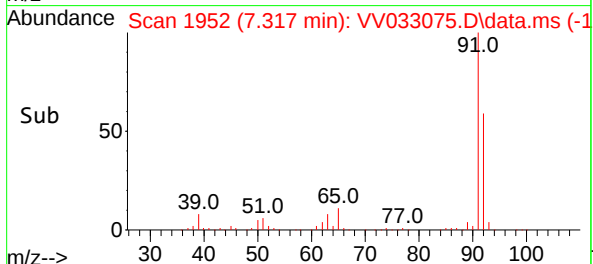
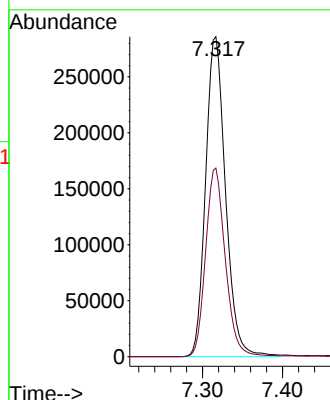
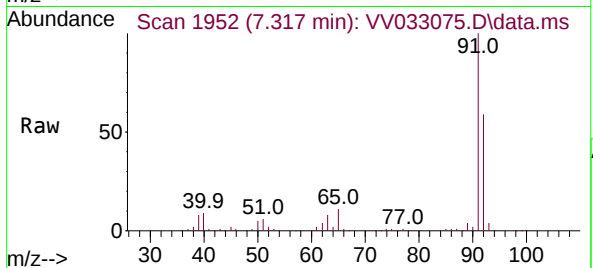
ClientSampleId :

Tgt Ion: 91 Resp: 495140

Ion Ratio Lower Upper

91 100

92 59.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 52.204 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV033075.D

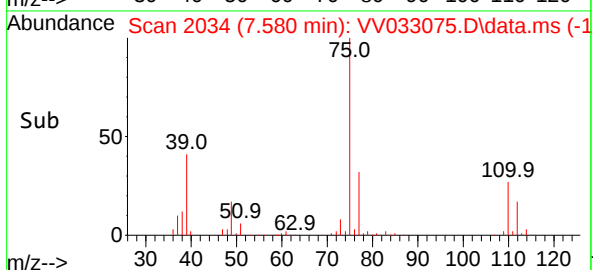
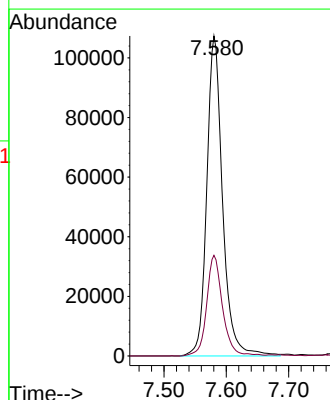
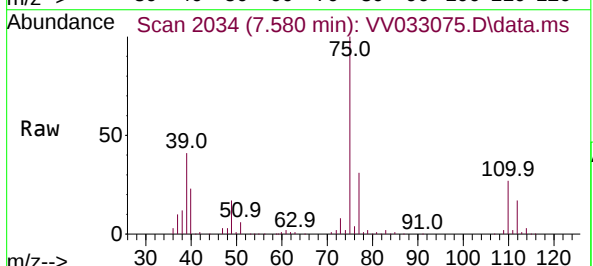
Acq: 01 Dec 2023 13:24

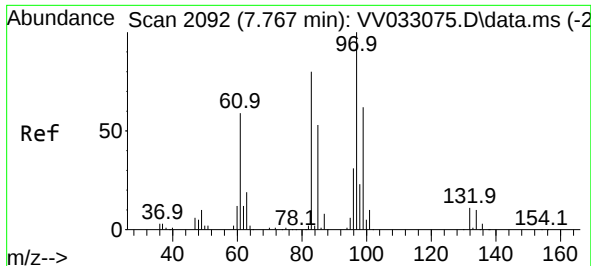
Tgt Ion: 75 Resp: 189291

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

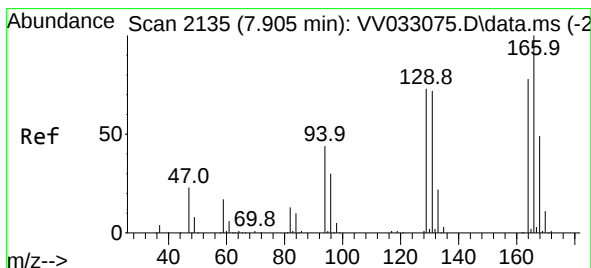
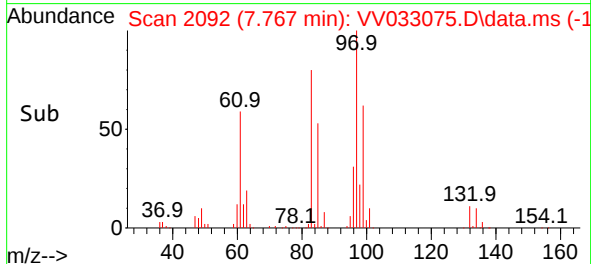
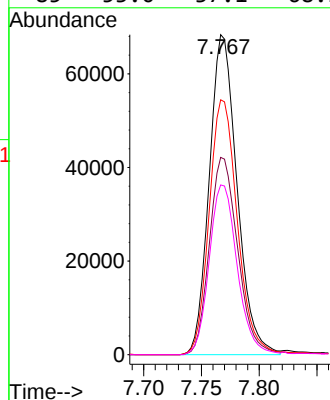
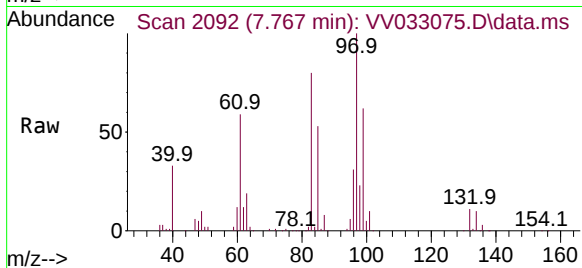




#45
1,1,2-Trichloroethane
Concen: 49.954 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

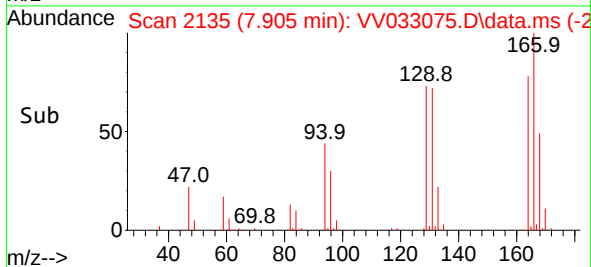
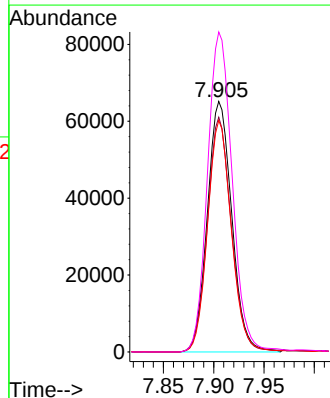
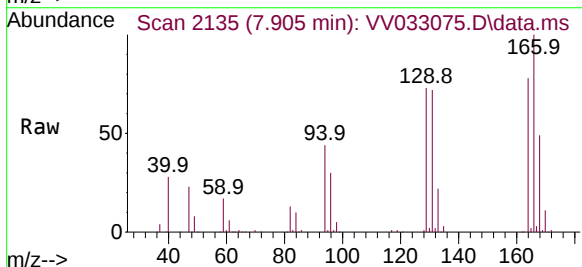
Instrument :
MSVOA_V
ClientSampleId :

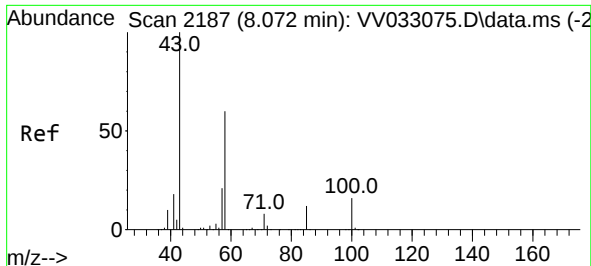
Tgt Ion: 97	Resp: 114460
Ion Ratio	Lower Upper
97 100	
99 61.7	43.2 80.2
83 79.7	55.8 103.6
85 53.0	37.1 68.9



#46
Tetrachloroethene
Concen: 50.228 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt	Ion:164	Resp:	110146
Ion	Ratio	Lower	Upper
164	100		
129	93.7	65.6	121.8
131	92.4	64.7	120.1
166	127.7	89.4	166.0



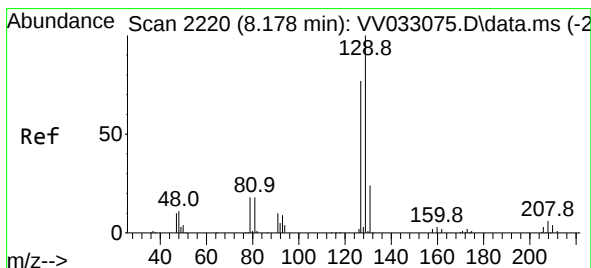
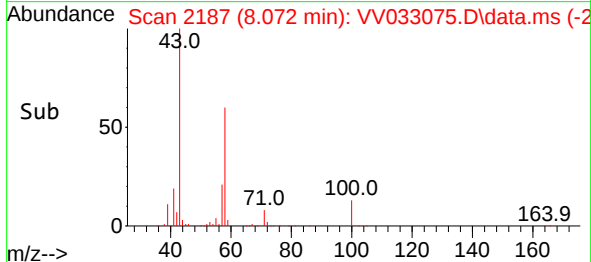
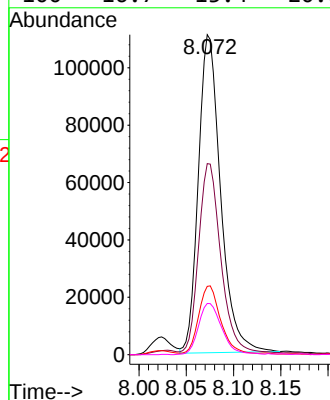
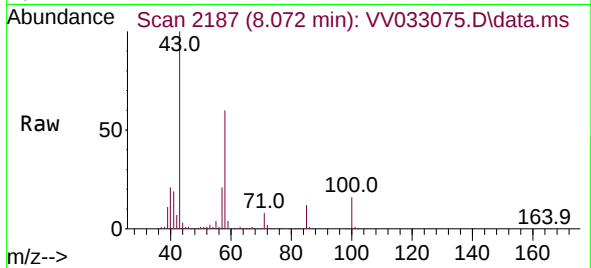


#48
2-Hexanone
Concen: 108.225 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 181670

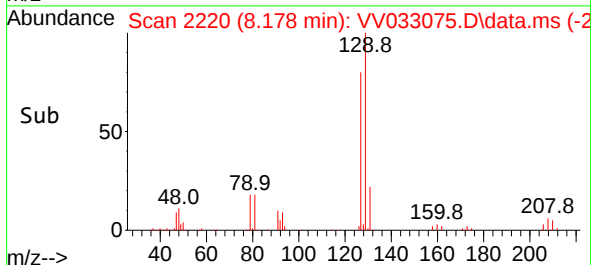
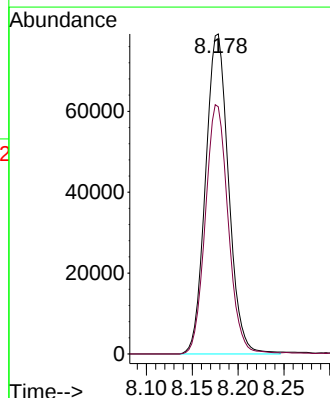
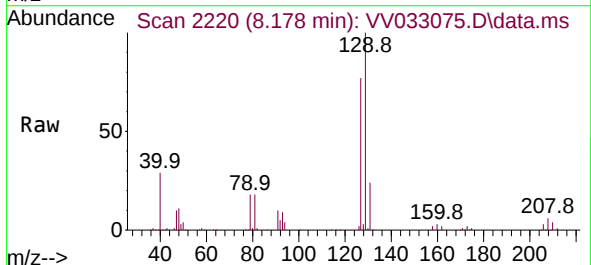
Ion	Ratio	Lower	Upper
43	100		
58	59.9	47.9	71.9
57	21.7	17.4	26.0
100	16.7	13.4	20.0

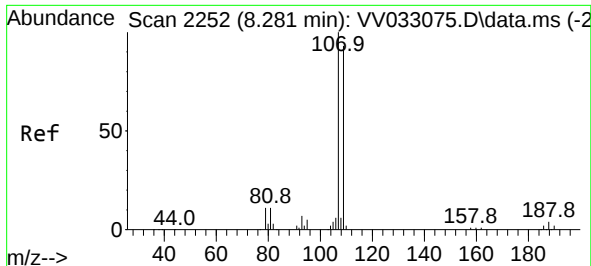


#49
Dibromochloromethane
Concen: 50.589 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 129 Resp: 138374

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5





#50

1,2-Dibromoethane

Concen: 50.790 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

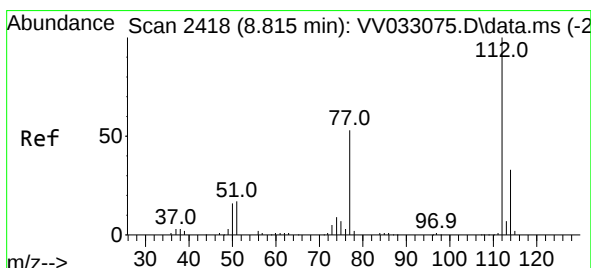
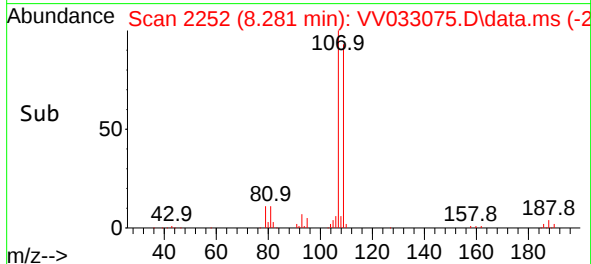
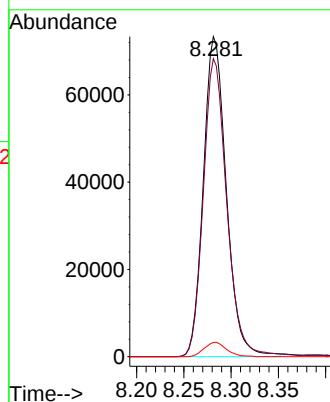
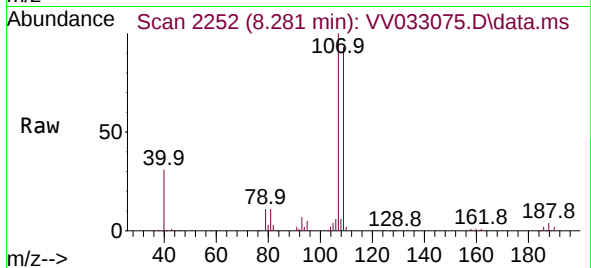
Tgt Ion:107 Resp: 124071

Ion Ratio Lower Upper

107 100

109 93.2 65.2 121.2

188 4.7 3.8 5.6



#51

Chlorobenzene

Concen: 50.466 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

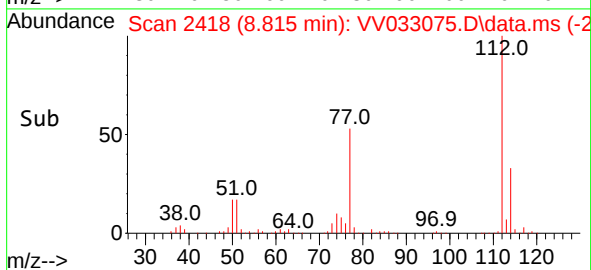
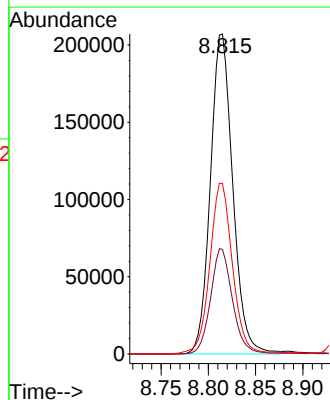
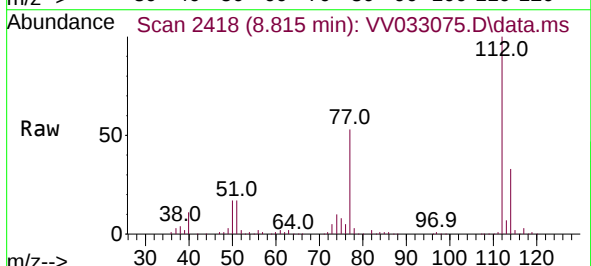
Tgt Ion:112 Resp: 341471

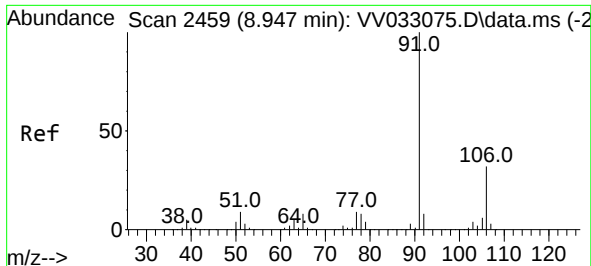
Ion Ratio Lower Upper

112 100

114 32.7 22.9 42.5

77 53.3 42.6 64.0

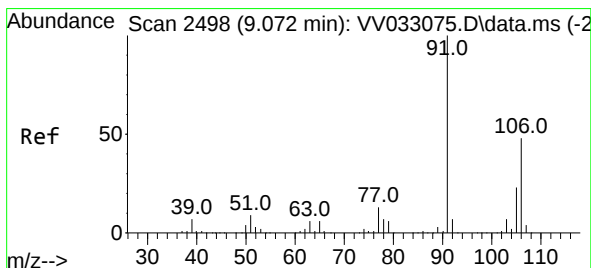
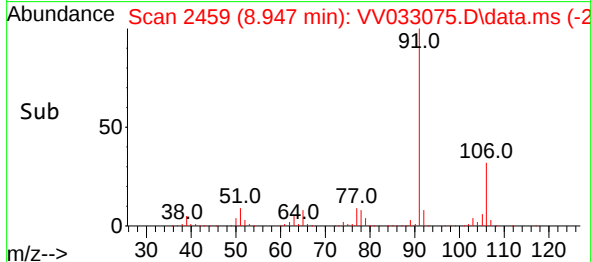
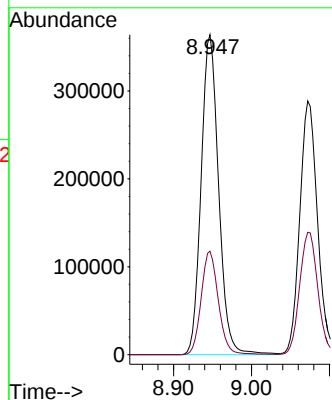
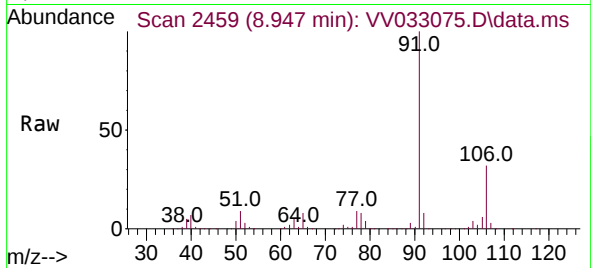




#52
Ethylbenzene
Concen: 51.220 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

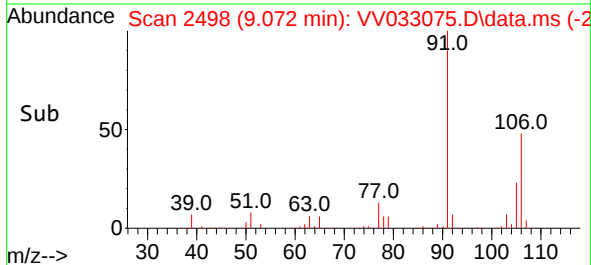
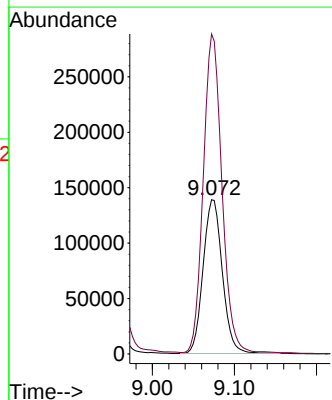
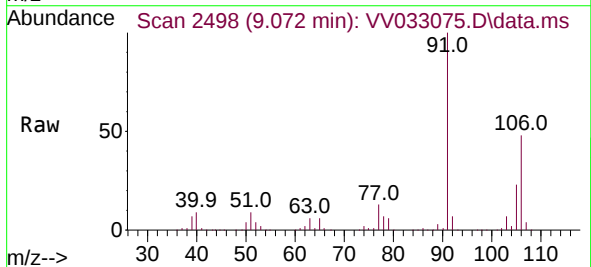
Instrument :
MSVOA_V
ClientSampleId :

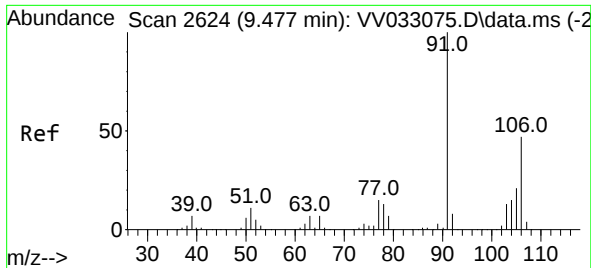
Tgt Ion: 91 Resp: 567279
Ion Ratio Lower Upper
91 100
106 32.3 22.6 42.0



#53
m,p-Xylene
Concen: 51.393 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 106 Resp: 225411
Ion Ratio Lower Upper
106 100
91 207.4 145.2 269.6

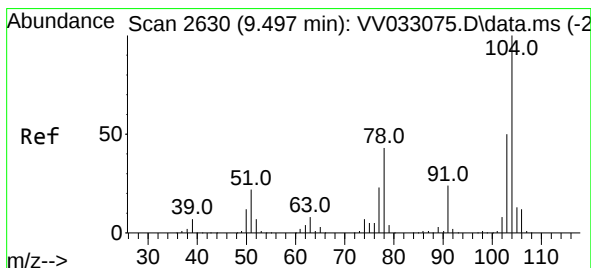
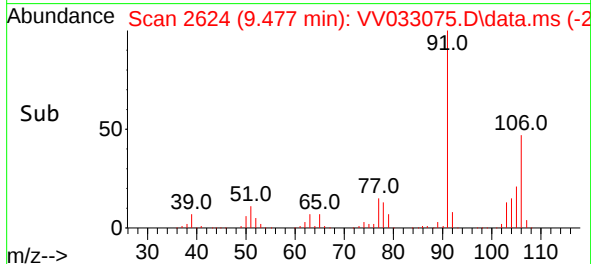
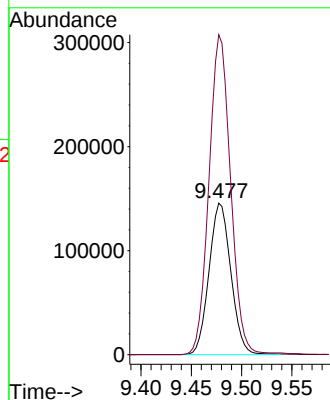
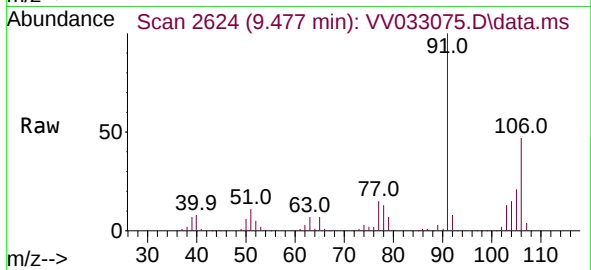




#54
o-Xylene
Concen: 50.928 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

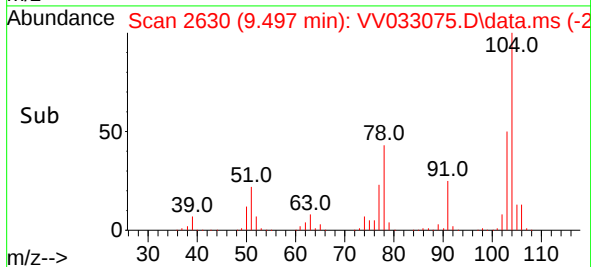
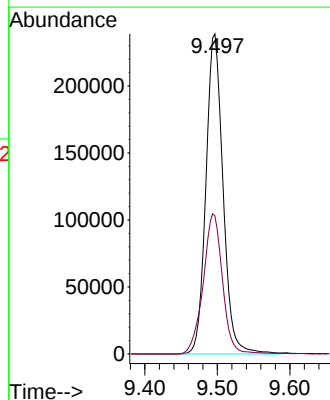
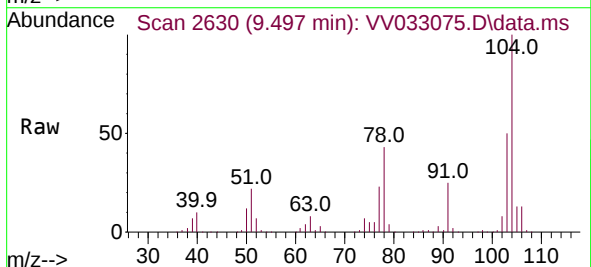
Instrument :
MSVOA_V
ClientSampleId :

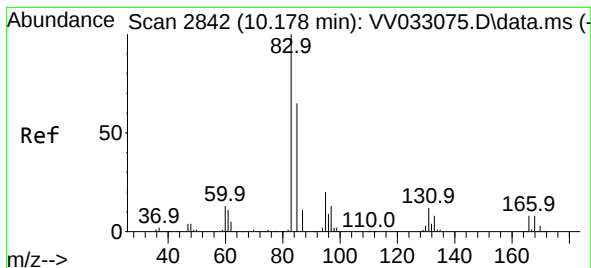
Tgt Ion:106 Resp: 220415
Ion Ratio Lower Upper
106 100
91 211.2 147.8 274.6



#55
Styrene
Concen: 52.313 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion:104 Resp: 391675
Ion Ratio Lower Upper
104 100
78 43.1 30.2 56.0

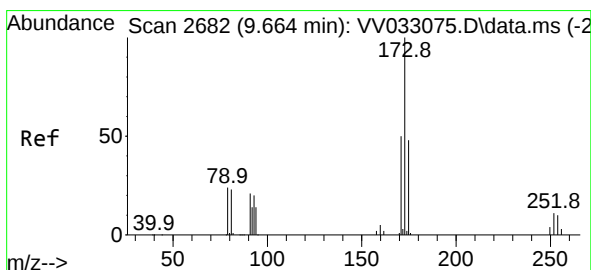
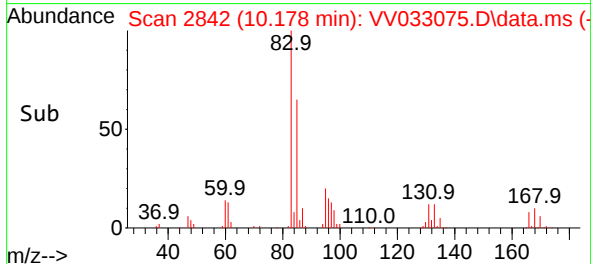
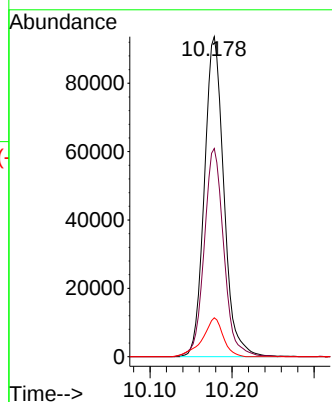
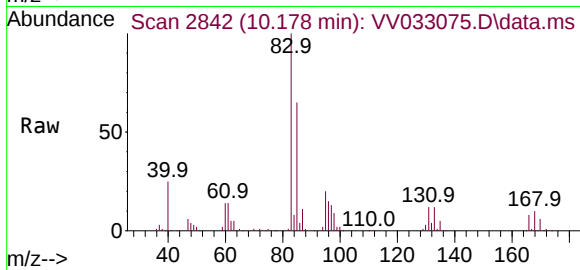




#57
1,1,2,2-Tetrachloroethane
Concen: 49.237 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

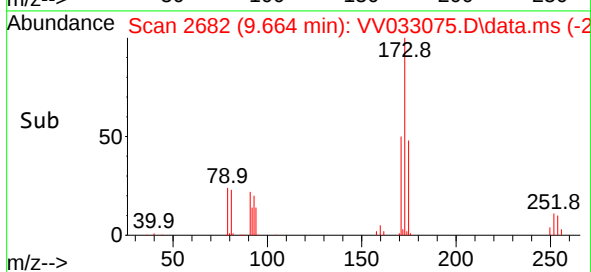
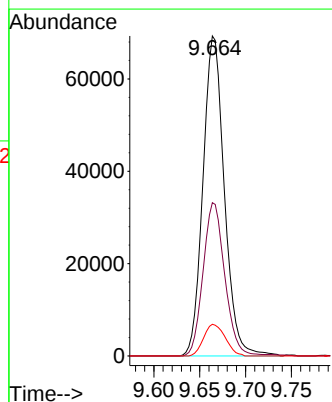
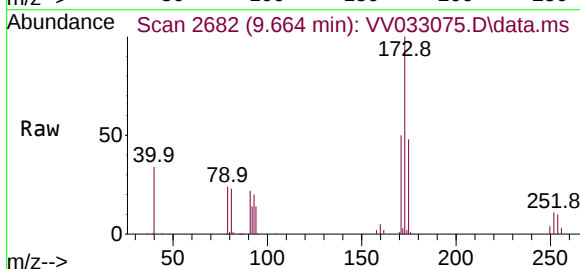
Instrument :
MSVOA_V
ClientSampleId :

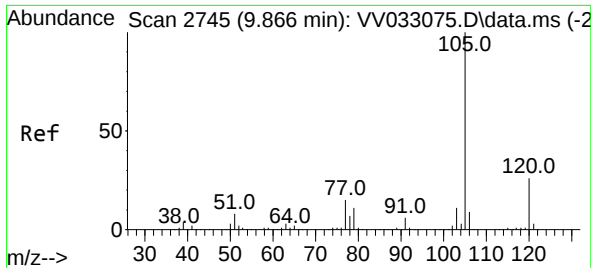
Tgt Ion: 83 Resp: 154138
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5
131 12.1 9.7 14.5



#59
Bromoform
Concen: 50.589 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 173 Resp: 112571
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.0 8.0 12.0

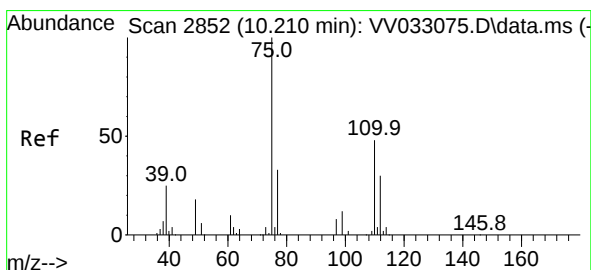
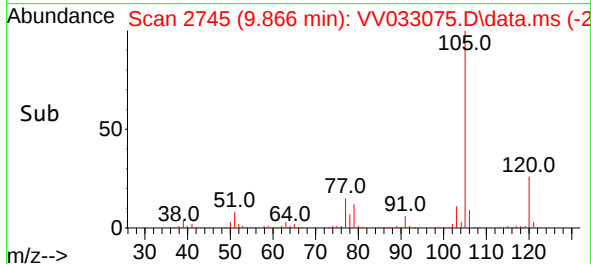
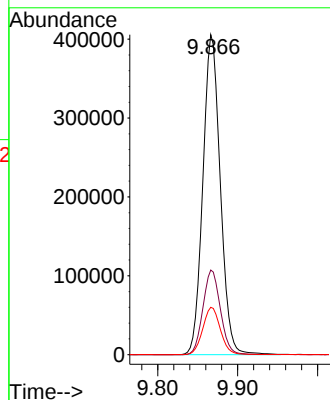
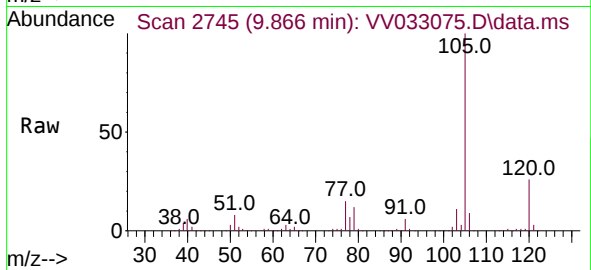




#60
Isopropylbenzene
Concen: 52.117 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

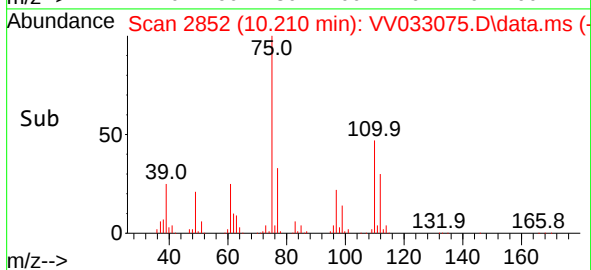
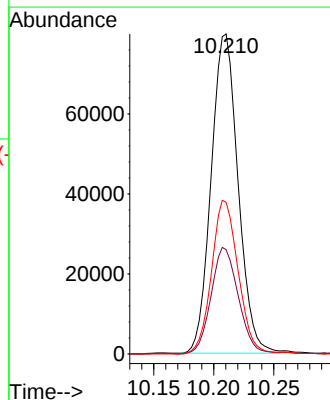
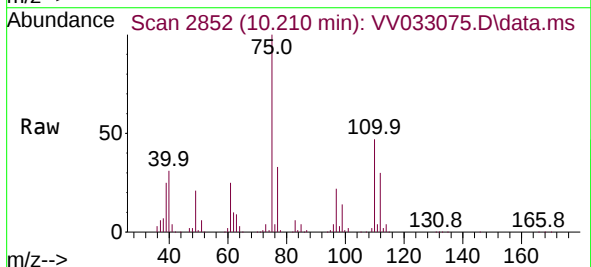
Instrument :
MSVOA_V
ClientSampleId :

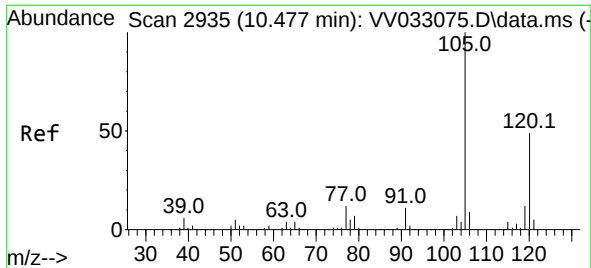
Tgt Ion:105 Resp: 616122
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.714 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion: 75 Resp: 124540
Ion Ratio Lower Upper
75 100
77 33.8 27.0 40.6
110 47.6 38.1 57.1

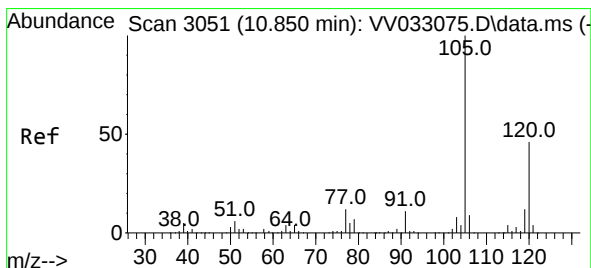
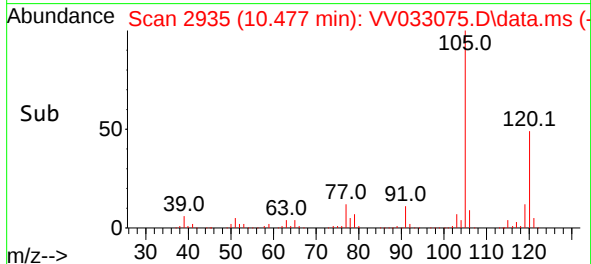
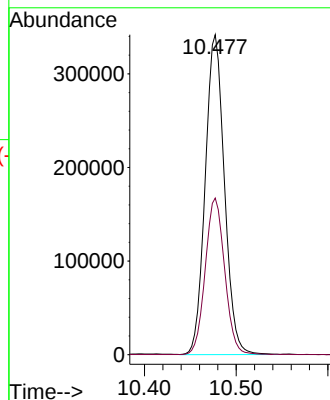
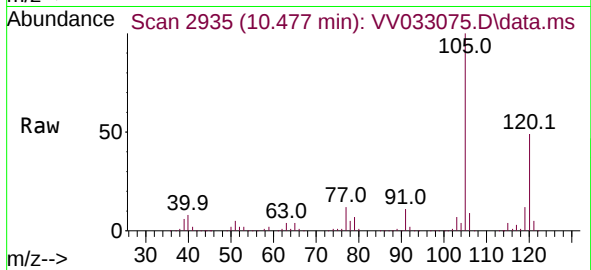




#62
1,3,5-Trimethylbenzene
Concen: 52.247 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

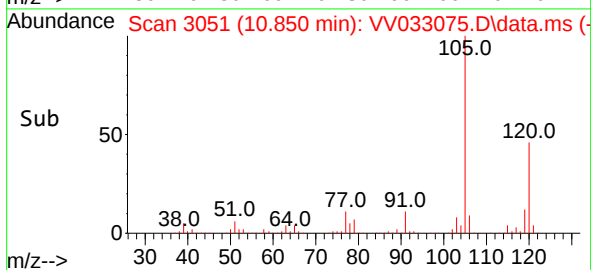
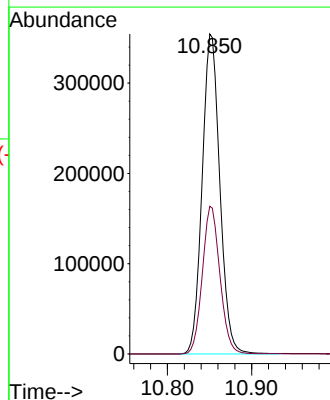
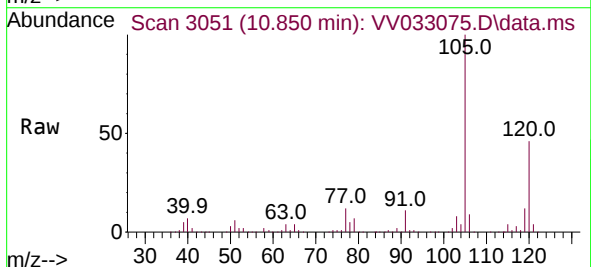
Instrument :
MSVOA_V
ClientSampleId :

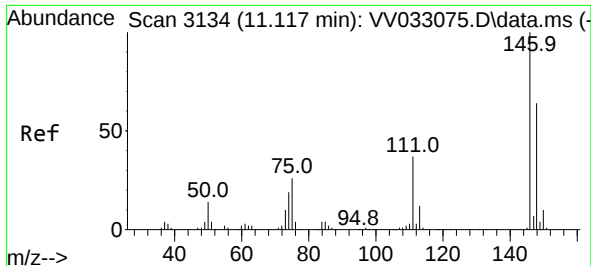
Tgt Ion:105 Resp: 497634
Ion Ratio Lower Upper
105 100
120 49.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 52.272 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion:105 Resp: 518509
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

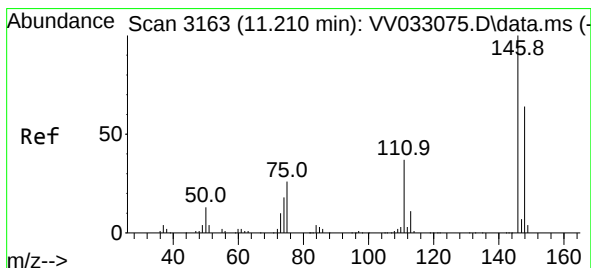
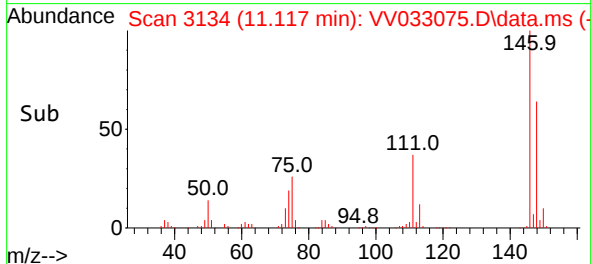
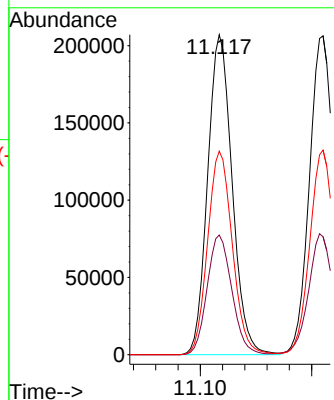
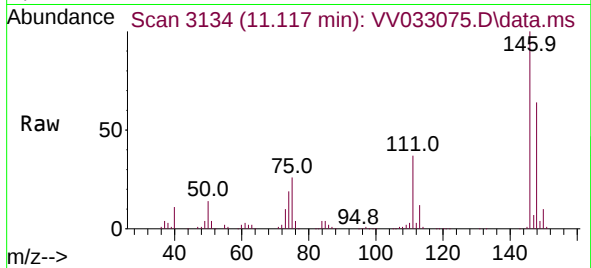




#64
1,3-Dichlorobenzene
Concen: 50.139 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

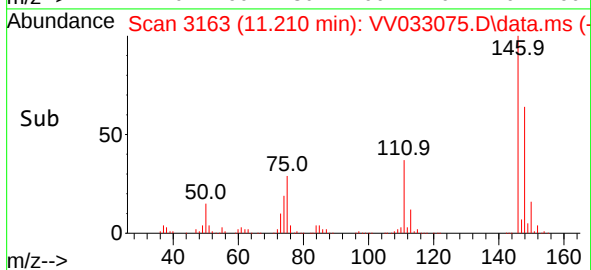
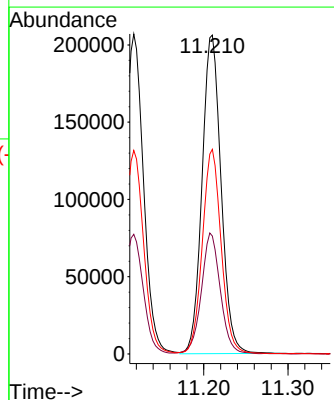
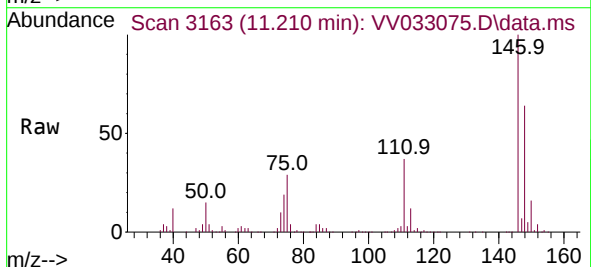
Instrument :
MSVOA_V
ClientSampleId :

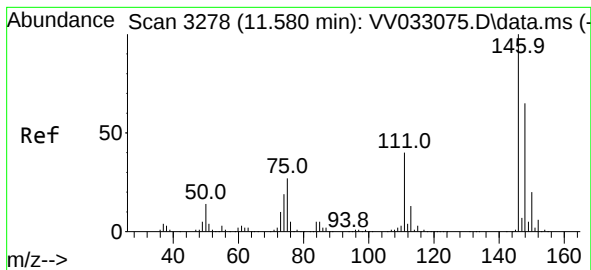
Tgt Ion:146 Resp: 316665
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.6
148 63.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 49.367 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033075.D
Acq: 01 Dec 2023 13:24

Tgt Ion:146 Resp: 323875
Ion Ratio Lower Upper
146 100
111 37.0 25.9 48.1
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 49.805 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

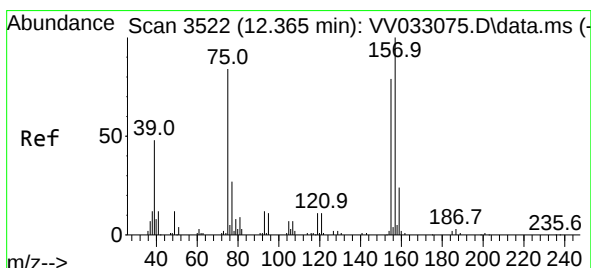
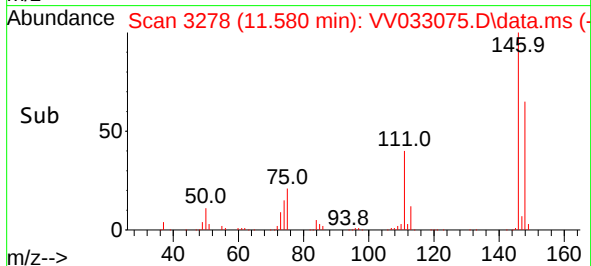
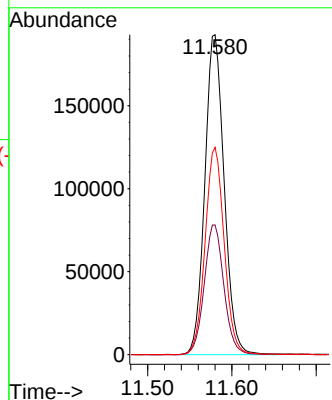
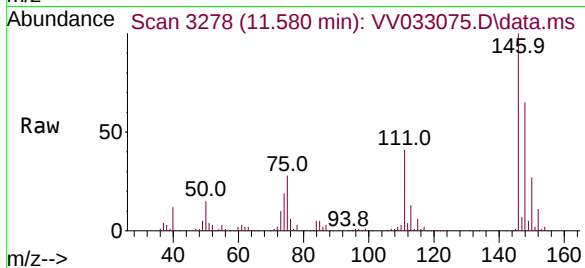
Tgt Ion:146 Resp: 308375

Ion Ratio Lower Upper

146 100

111 40.5 32.4 48.6

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 48.456 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

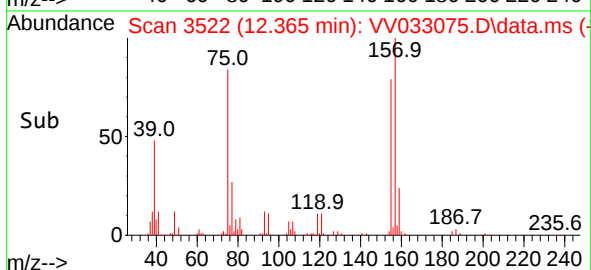
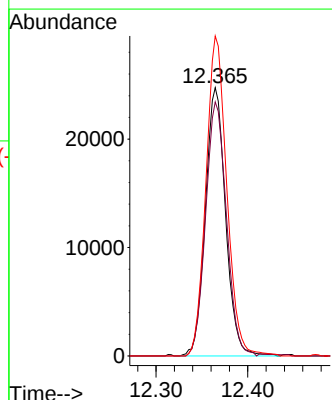
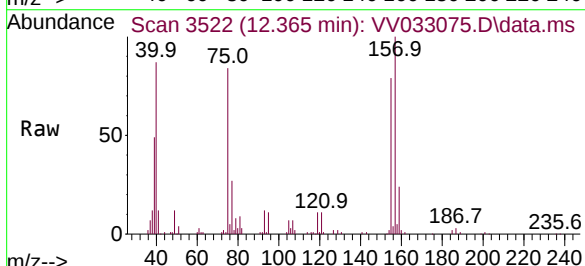
Tgt Ion: 75 Resp: 38012

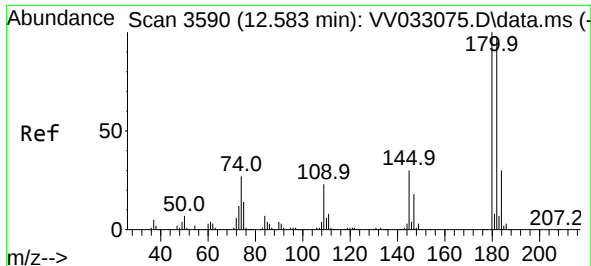
Ion Ratio Lower Upper

75 100

155 94.7 75.8 113.6

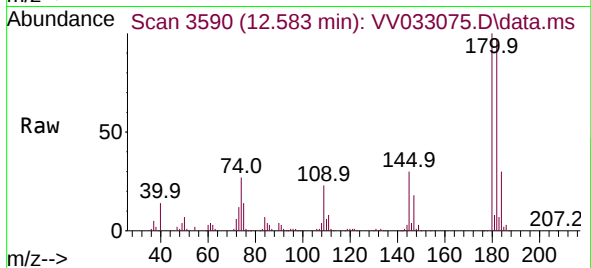
157 119.2 95.4 143.0



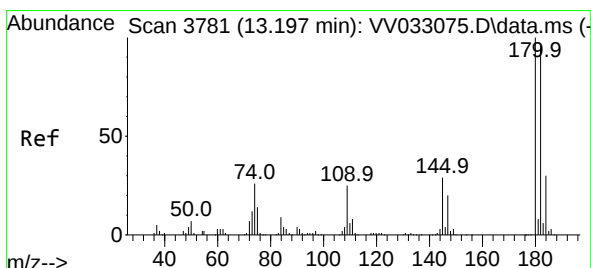
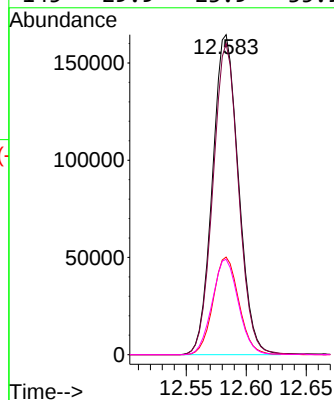
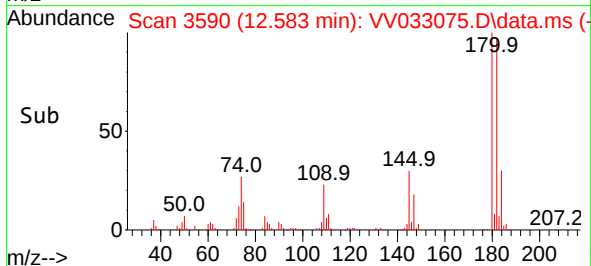


#69
 1,3,5-Trichlorobenzene
 Concen: 49.112 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: VV033075.D
 Acq: 01 Dec 2023 13:24

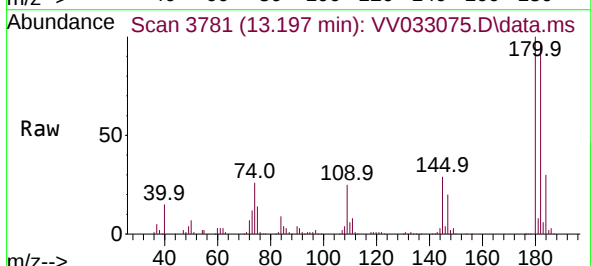
Instrument :
 MSVOA_V
 ClientSampleId :



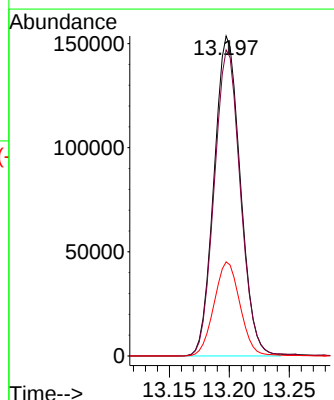
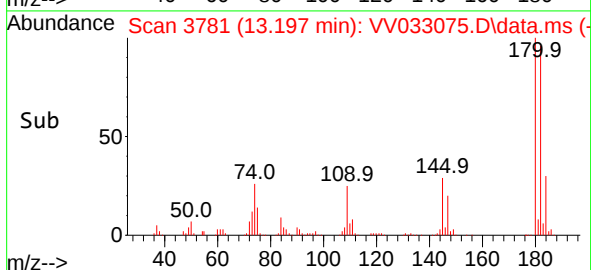
Tgt Ion:180 Resp: 248453
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 184 30.3 24.2 36.4
 145 29.9 23.9 35.9

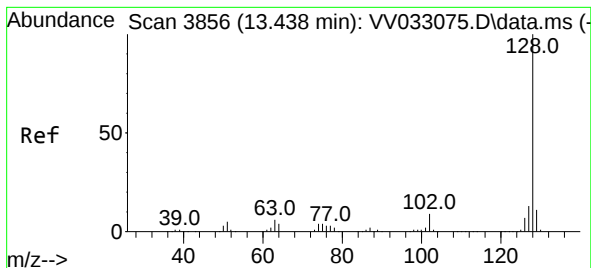


#70
 1,2,4-trichlorobenzene
 Concen: 50.033 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV033075.D
 Acq: 01 Dec 2023 13:24



Tgt Ion:180 Resp: 233849
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 29.2 23.4 35.0





#71

Naphthalene

Concen: 50.823 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

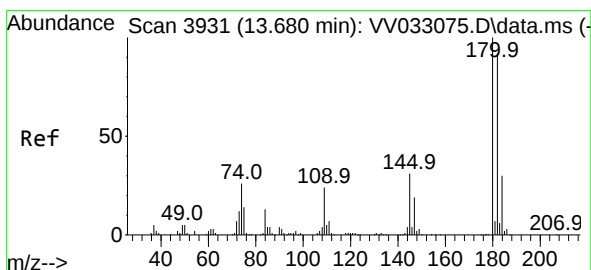
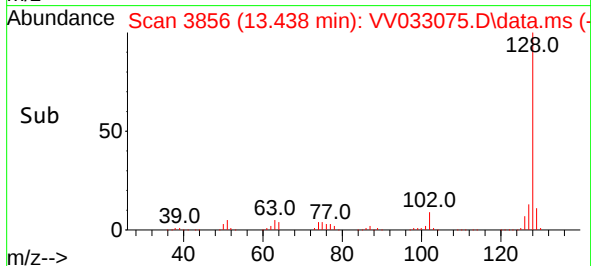
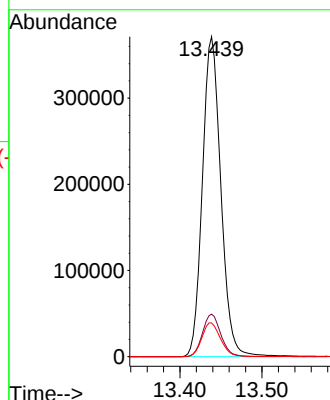
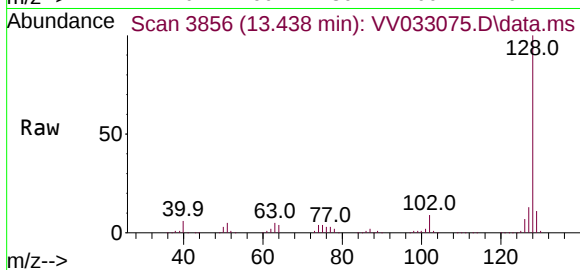
Tgt Ion:128 Resp: 579307

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.569 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033075.D

Acq: 01 Dec 2023 13:24

Tgt Ion:180 Resp: 232575

Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 31.1 24.9 37.3

