

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033227.D
 Acq On : 11 Dec 2023 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:26:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	304043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	303055	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	184386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75368	41.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.940%
7) Chloroethane-d5	1.529	69	59180	46.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.460%
11) 1,1-Dichloroethene-d2	2.060	65	29692	42.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.880%
21) 2-Butanone-d5	3.780	46	100369	111.181	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.180%
24) Chloroform-d	4.249	84	189959	49.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
26) 1,2-Dichloroethane-d4	4.940	65	119970	50.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
32) Benzene-d6	4.960	84	341534	48.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
36) 1,2-Dichloropropane-d6	5.989	67	91702	48.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	7.243	98	331000	48.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%
43) trans-1,3-Dichloroprop...	7.551	79	57115	47.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.800%
47) 2-Hexanone-d5	8.021	63	87599	114.419	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.420%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	148357	54.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	160629	48.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	156863	47.200	ug/L	99
3) Chloromethane	1.214	50	108558	49.526	ug/L	98
5) Vinyl chloride	1.281	62	106362	50.596	ug/L	97
6) Bromomethane	1.484	94	70074	51.085	ug/L	100
8) Chloroethane	1.548	64	57273	51.174	ug/L	98
9) Trichlorofluoromethane	1.712	101	184539	53.200	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	86808	53.292	ug/L	97
12) 1,1-Dichloroethene	2.069	96	80923	53.088	ug/L	97
13) Acetone	2.108	43	76059	88.254	ug/L	99
14) Carbon disulfide	2.240	76	251666	46.018	ug/L	100
15) Methyl Acetate	2.371	43	76584	53.317	ug/L	98
16) Methylene chloride	2.445	84	99204	49.149	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	99211	49.571	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	319397	52.534	ug/L	99
19) 1,1-Dichloroethane	3.111	63	166778	50.348	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	112987	53.205	ug/L	96
22) 2-Butanone	3.860	43	105673	96.351	ug/L	96
23) Bromochloromethane	4.146	128	61545	50.473	ug/L	97
25) Chloroform	4.275	83	196631	51.615	ug/L	93

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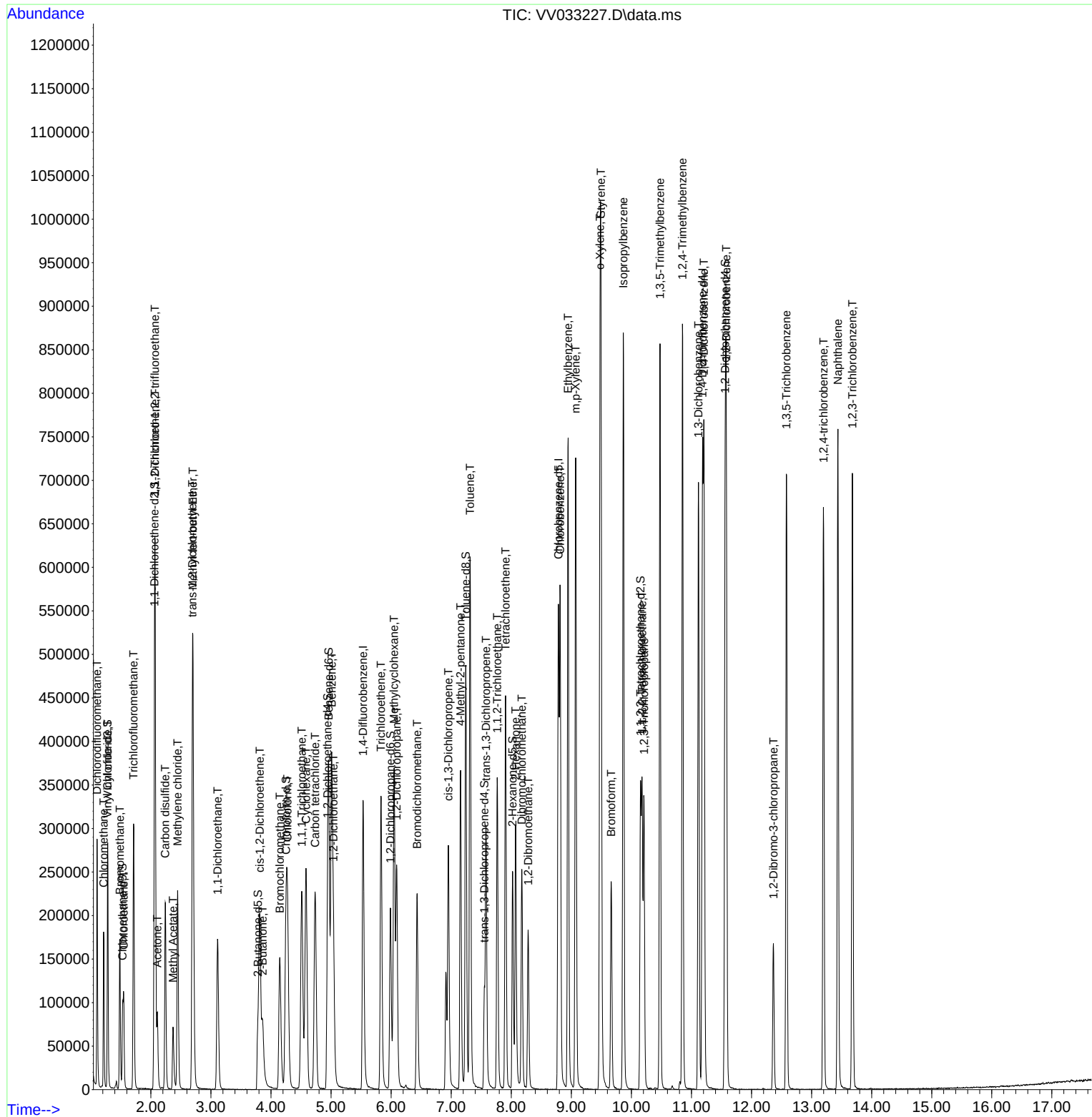
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	159236	52.895	ug/L	100
29) Cyclohexane	4.584	56	136011	48.590	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	194588	51.955	ug/L	99
31) Carbon tetrachloride	4.735	117	181734	52.185	ug/L	100
33) Benzene	5.011	78	398007	51.826	ug/L	100
34) Trichloroethene	5.831	95	114128	49.744	ug/L	98
35) Methylcyclohexane	6.050	83	170570	51.225	ug/L	97
37) 1,2-Dichloropropane	6.092	63	92590	52.095	ug/L	99
38) Bromodichloromethane	6.432	83	148004	51.654	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	170809	52.963	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	212239	112.469	ug/L	99
42) Toluene	7.317	91	458648	52.999	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	168433	51.649	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	109216	52.998	ug/L	98
46) Tetrachloroethene	7.905	164	101810	51.620	ug/L	97
48) 2-Hexanone	8.072	43	168243	107.532	ug/L	98
49) Dibromochloromethane	8.175	129	132081	53.690	ug/L	100
50) 1,2-Dibromoethane	8.281	107	116133	52.858	ug/L	98
51) Chlorobenzene	8.815	112	315323	51.815	ug/L	98
52) Ethylbenzene	8.947	91	521024	52.306	ug/L	99
53) m,p-Xylene	9.072	106	206964	52.466	ug/L	96
54) o-Xylene	9.477	106	204330	52.493	ug/L	100
55) Styrene	9.493	104	369654	54.895	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	152788	54.266	ug/L	99
59) Bromoform	9.664	173	107836	53.886	ug/L	98
60) Isopropylbenzene	9.866	105	560774	52.746	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	126086	54.840	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	456613	53.307	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	473688	53.100	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	290429	51.133	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	300103	50.864	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	291096	52.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	39091	55.411	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	225660	49.600	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	210267	50.024	ug/L	99
71) Naphthalene	13.438	128	596440	58.185	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	217004	53.503	ug/L	99

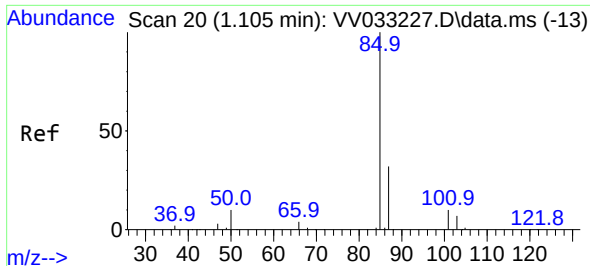
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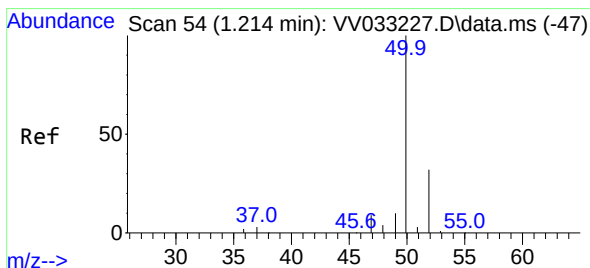
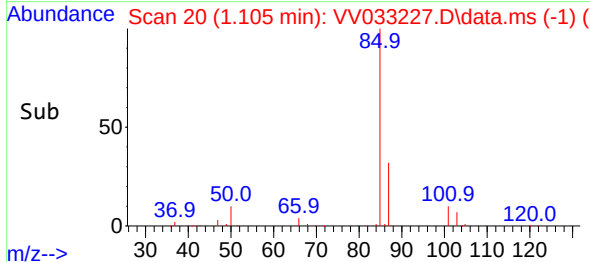
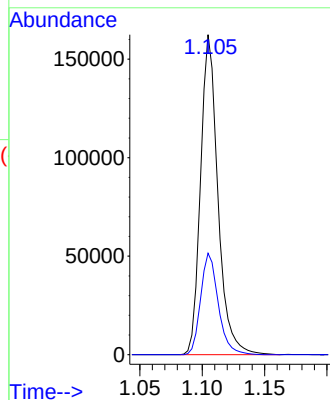
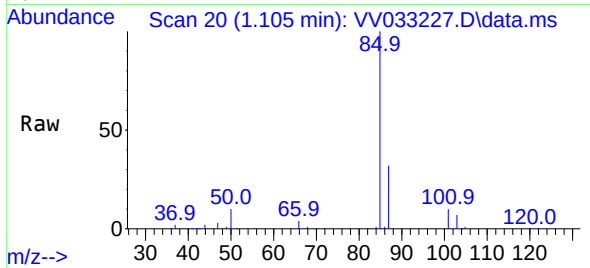




#2
 Dichlorodifluoromethane
 Concen: 47.200 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033227.D
 Acq: 11 Dec 2023 20:46

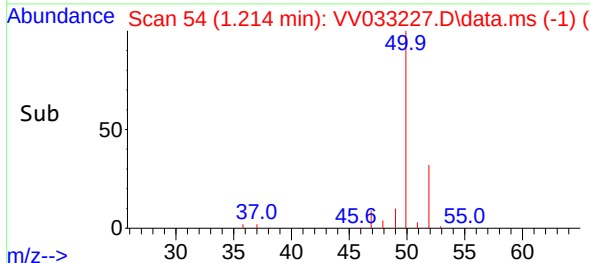
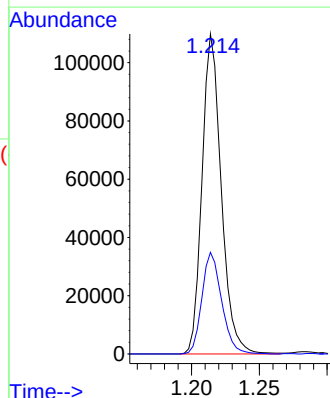
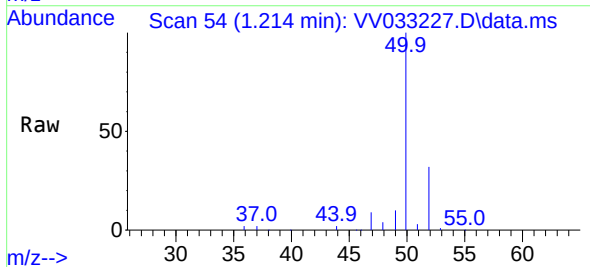
Instrument :
 MSVOA_V
 ClientSampleId :

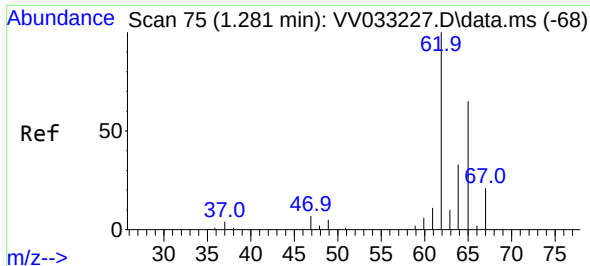
Tgt Ion: 85 Resp: 156863
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 49.526 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033227.D
 Acq: 11 Dec 2023 20:46

Tgt Ion: 50 Resp: 108558
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.8 42.4

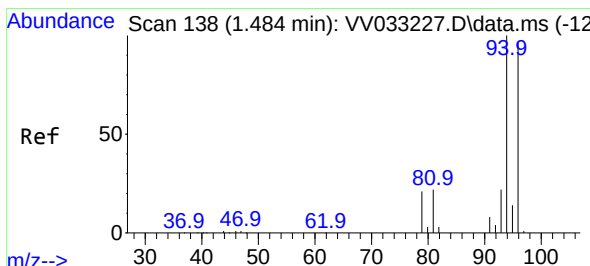
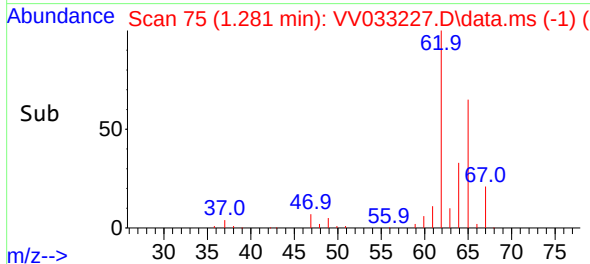
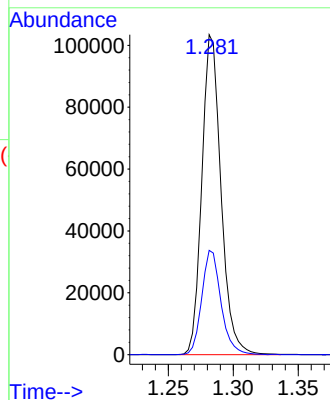
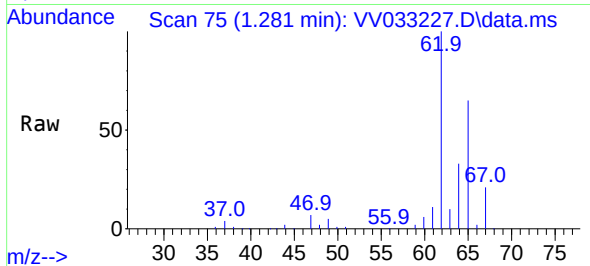




#5
 Vinyl chloride
 Concen: 50.596 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: VV033227.D
 Acq: 11 Dec 2023 20:46

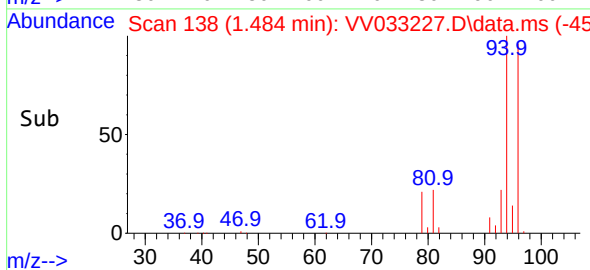
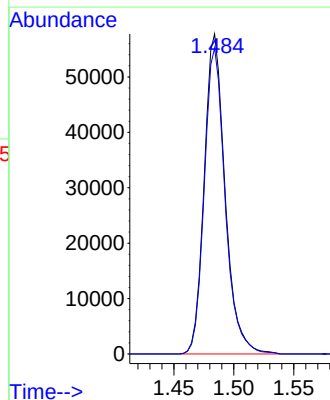
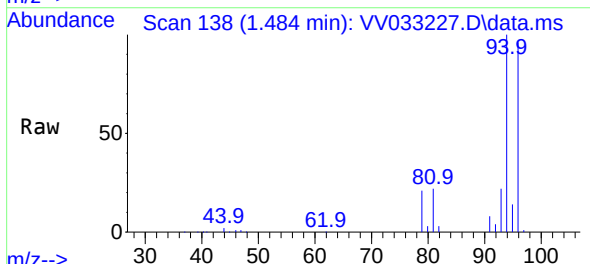
Instrument :
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 ClientSampleId :

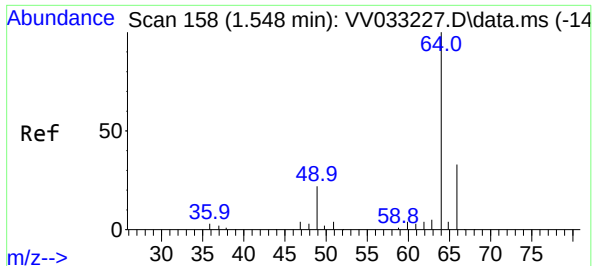
Tgt Ion: 62 Resp: 106362
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.2 45.0



#6
 Bromomethane
 Concen: 51.085 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033227.D
 Acq: 11 Dec 2023 20:46

Tgt Ion: 94 Resp: 70074
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.1 124.7

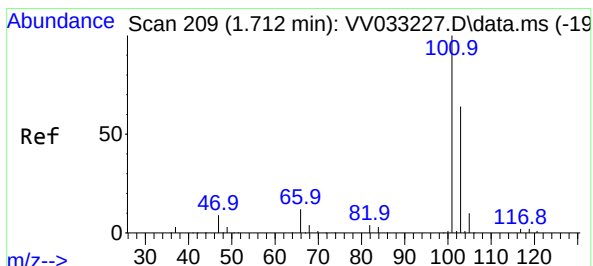
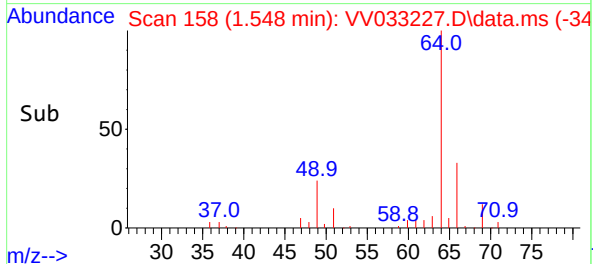
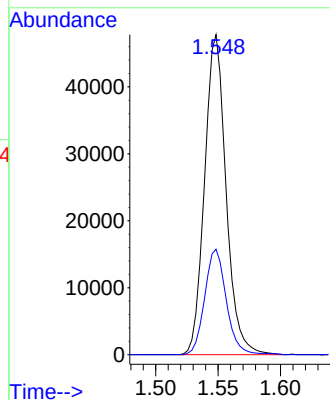
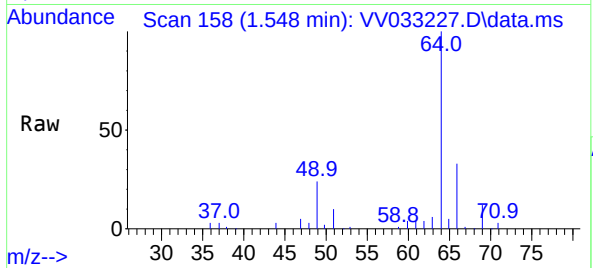




#8
Chloroethane
Concen: 51.174 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

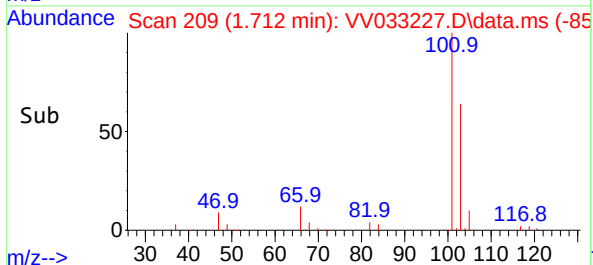
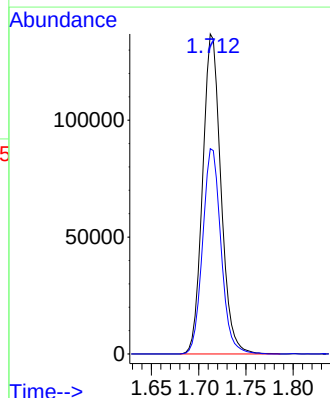
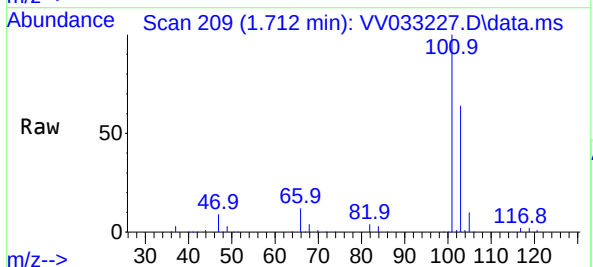
Instrument :
MSVOA_V
ClientSampleId :

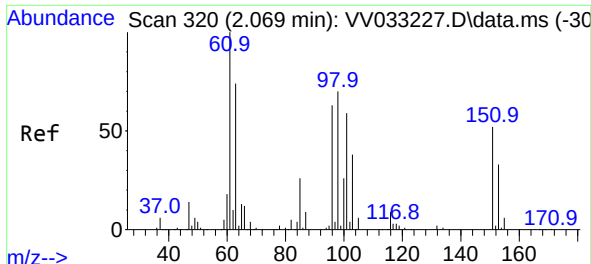
Tgt Ion: 64 Resp: 57273
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 53.200 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:101 Resp: 184539
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

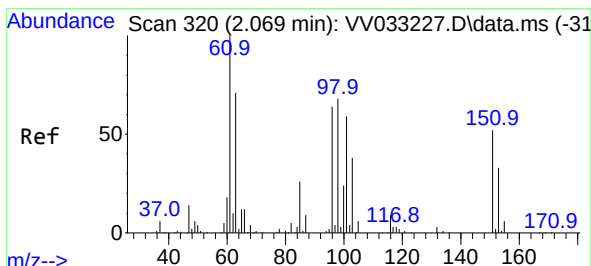
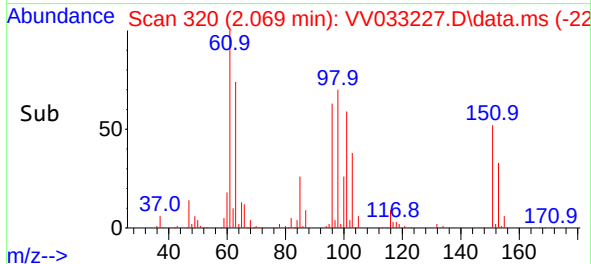
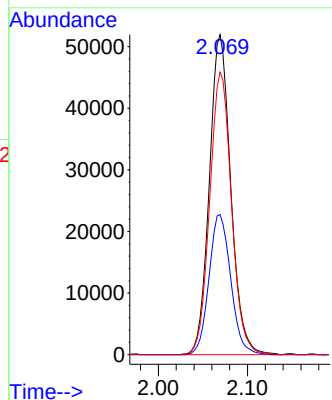
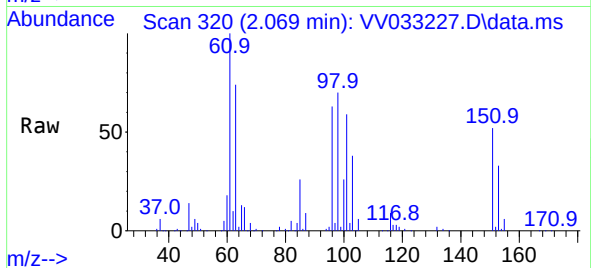




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.292 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

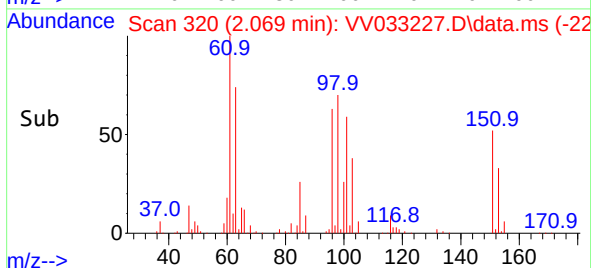
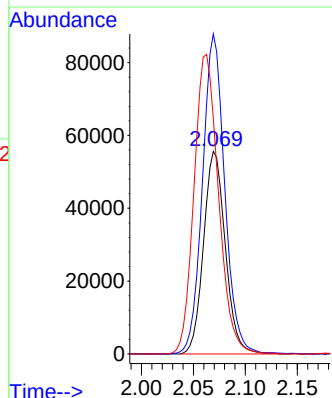
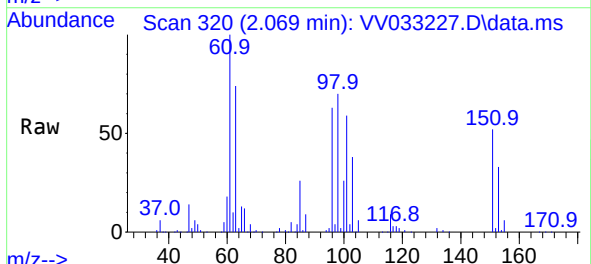
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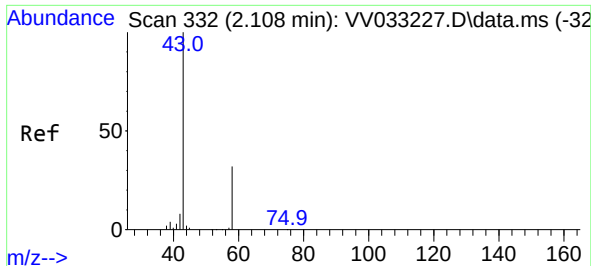
Tgt Ion:101 Resp: 86808
Ion Ratio Lower Upper
101 100
85 44.4 36.0 54.0
151 89.7 69.1 103.7



#12
1,1-Dichloroethene
Concen: 53.088 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 96 Resp: 80923
Ion Ratio Lower Upper
96 100
61 158.0 109.1 202.7
63 116.4 85.3 158.3





#13

Acetone

Concen: 88.254 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

Instrument :

MSVOA_V

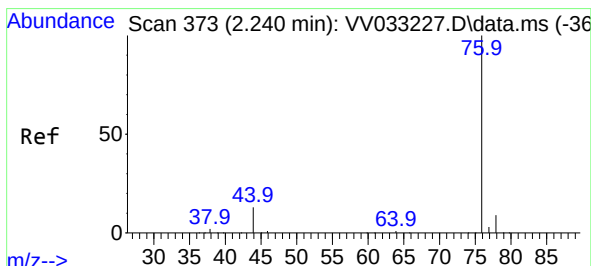
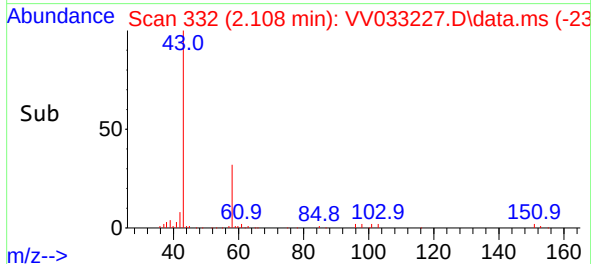
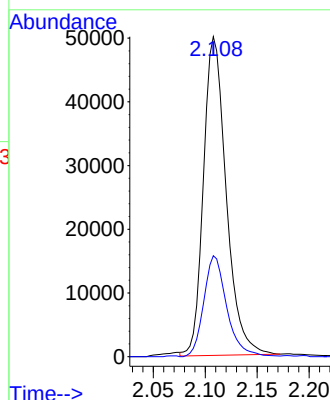
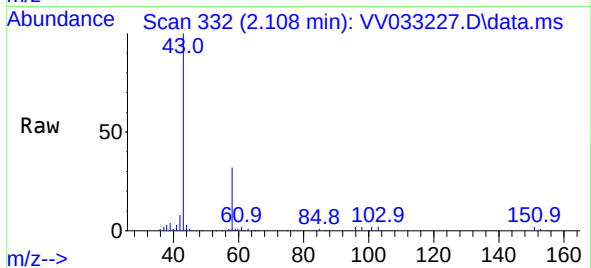
ClientSampleId :

Tgt Ion: 43 Resp: 76059

Ion Ratio Lower Upper

43 100

58 32.0 0.0 62.8



#14

Carbon disulfide

Concen: 46.018 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

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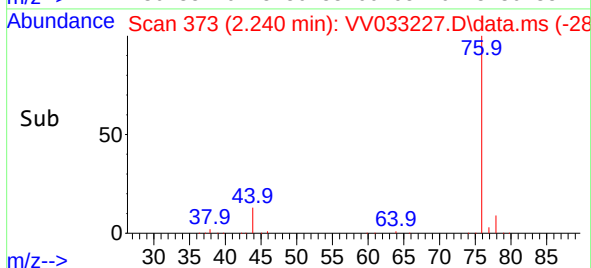
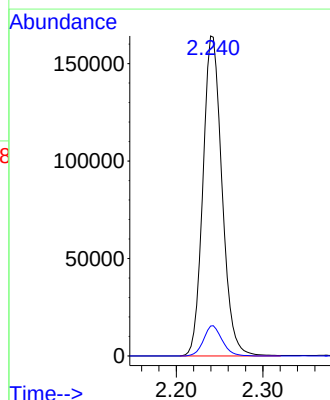
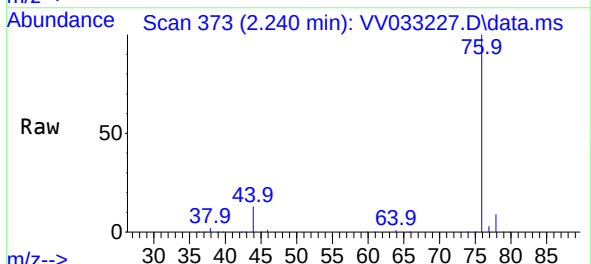
Acq: 11 Dec 2023 20:46

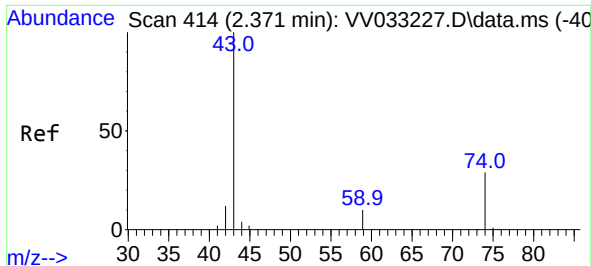
Tgt Ion: 76 Resp: 251666

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 53.317 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.003 min

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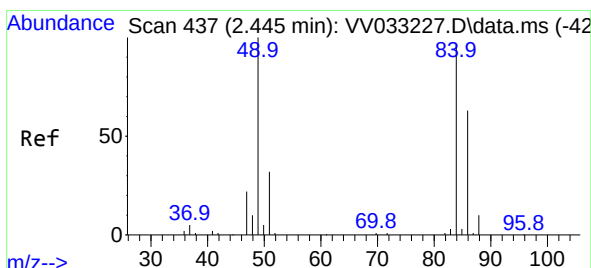
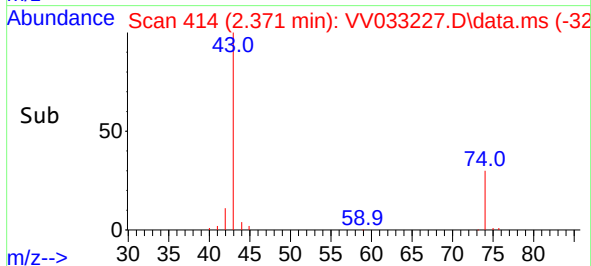
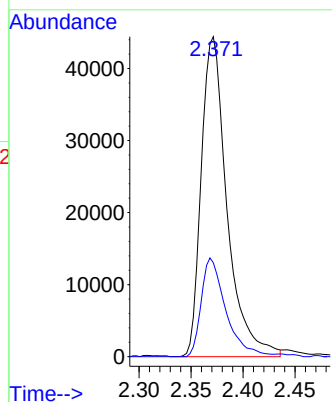
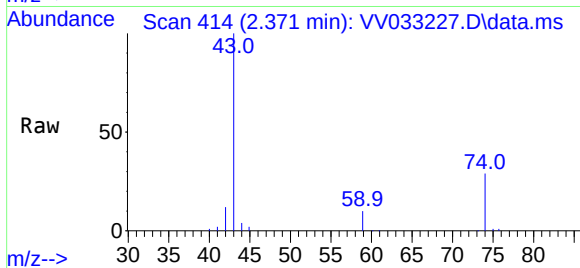
ClientSampleId :

Tgt Ion: 43 Resp: 76584

Ion Ratio Lower Upper

43 100

74 29.4 22.6 33.8



#16

Methylene chloride

Concen: 49.149 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

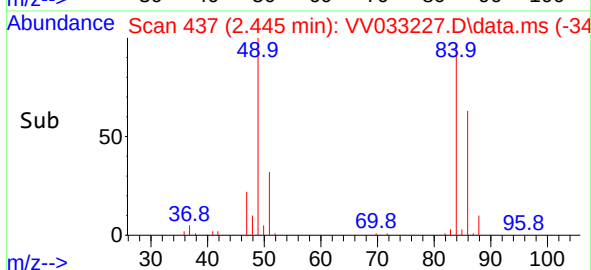
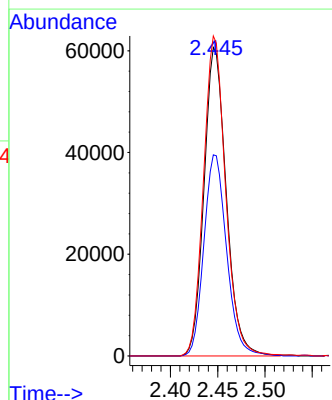
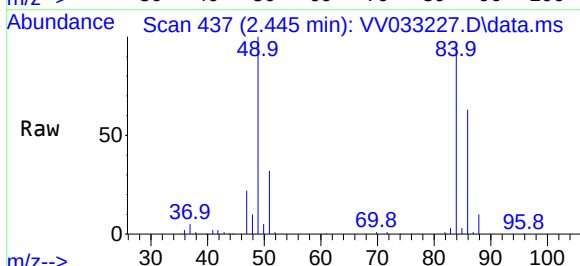
Tgt Ion: 84 Resp: 99204

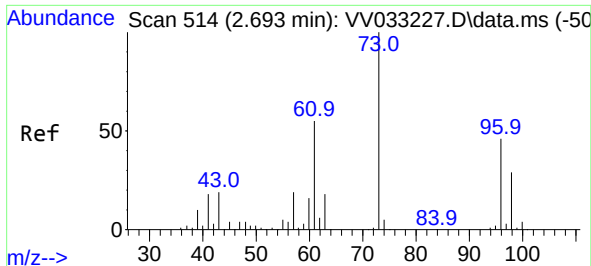
Ion Ratio Lower Upper

84 100

86 65.2 45.9 85.3

49 103.7 75.5 140.1

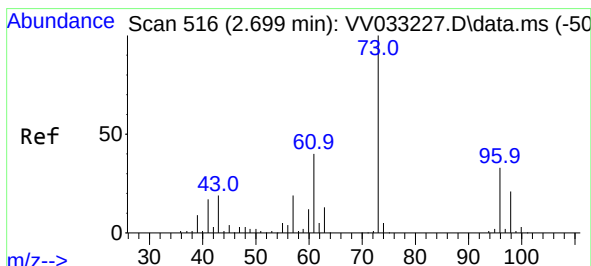
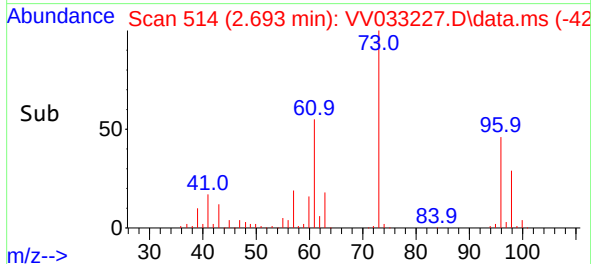
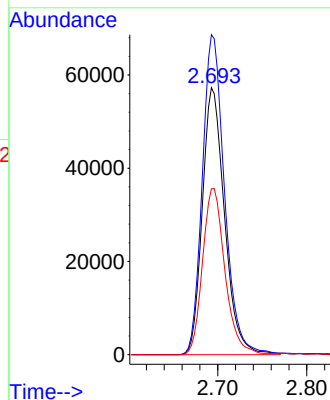
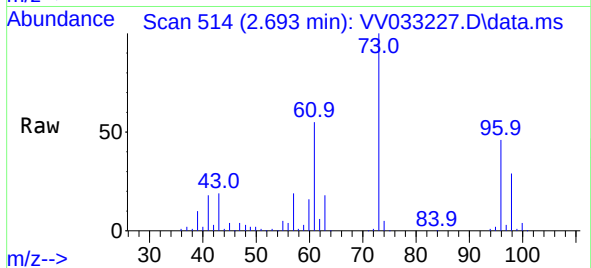




#17
trans-1,2-Dichloroethene
Concen: 49.571 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

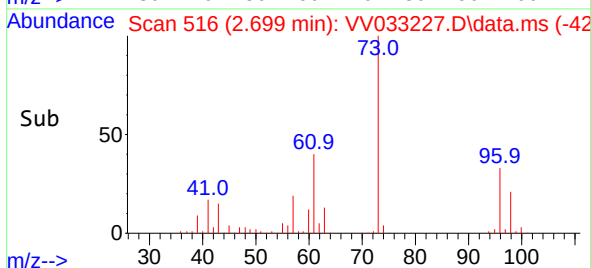
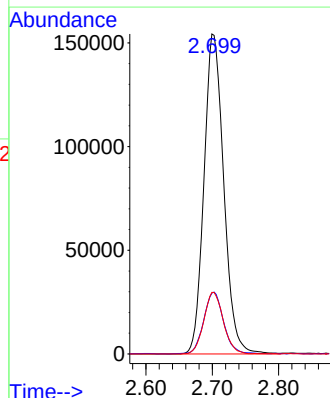
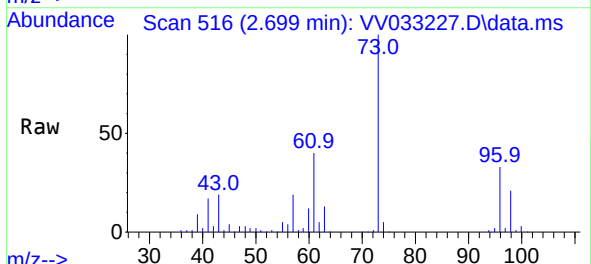
Instrument :
MSVOA_V
ClientSampleId :

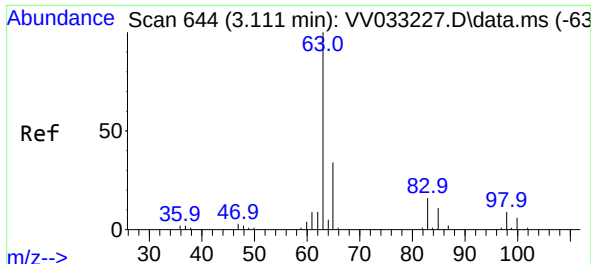
Tgt Ion: 96 Resp: 99211
Ion Ratio Lower Upper
96 100
61 119.8 86.5 160.6
98 62.1 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 52.534 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

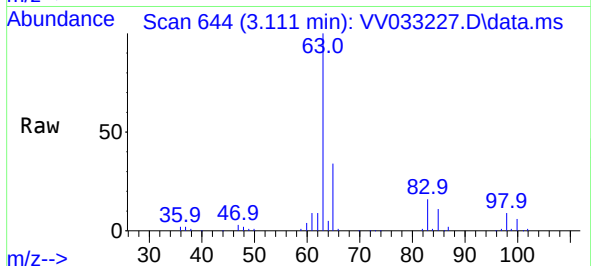
Tgt Ion: 73 Resp: 319397
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 19.0 16.1 24.1



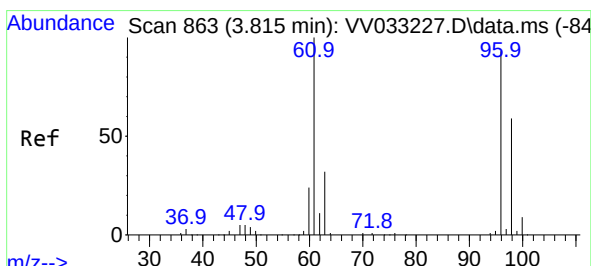
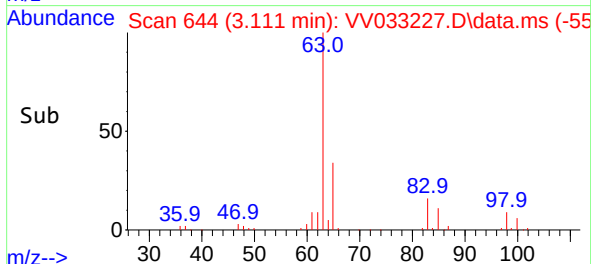
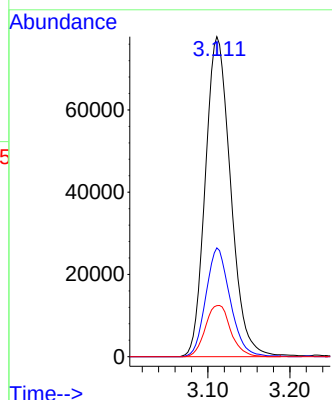


#19
1,1-Dichloroethane
Concen: 50.348 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :

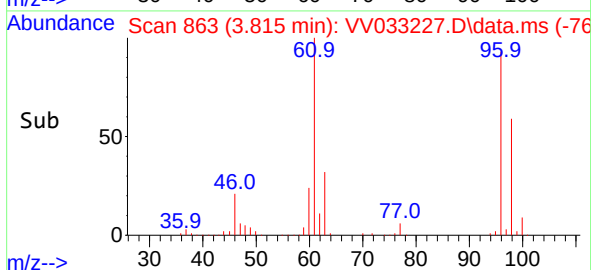
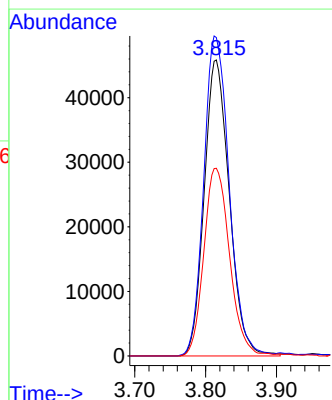
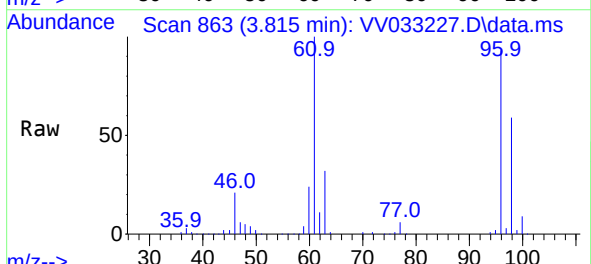


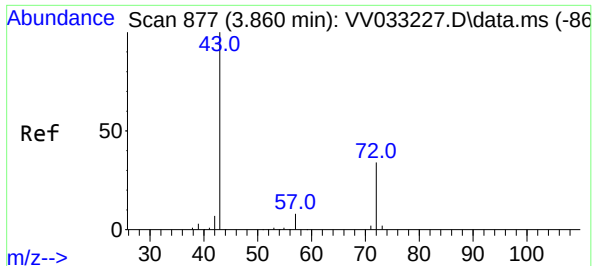
Tgt Ion: 63 Resp: 166778
Ion Ratio Lower Upper
63 100
65 34.0 23.0 42.6
83 16.0 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 53.205 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 96 Resp: 112987
Ion Ratio Lower Upper
96 100
61 107.6 79.1 146.9
98 63.4 45.1 83.7

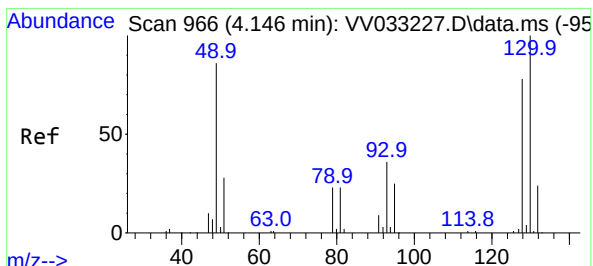
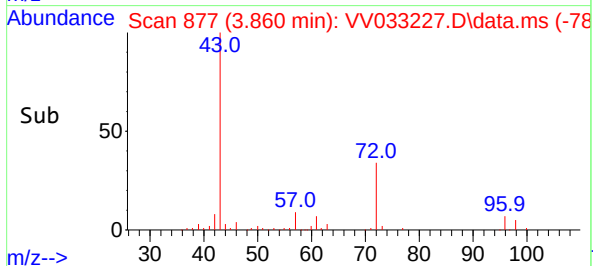
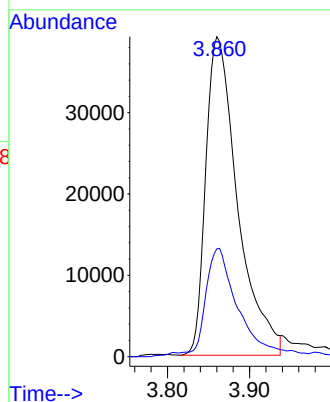
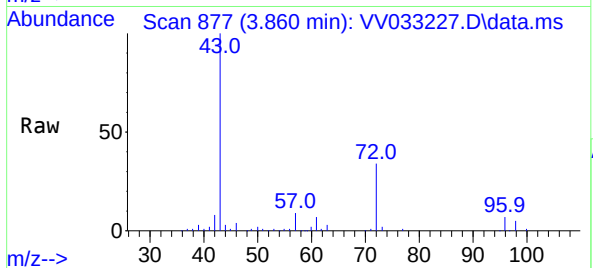




#22
2-Butanone
Concen: 96.351 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

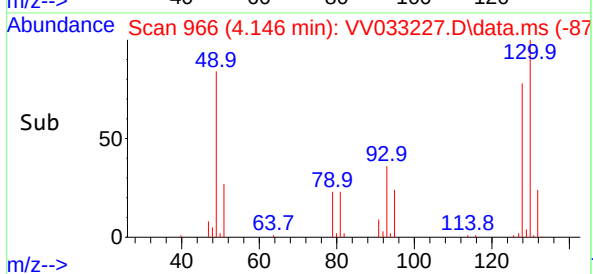
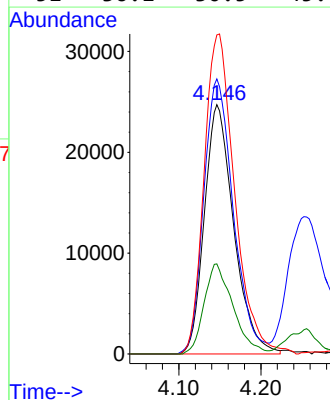
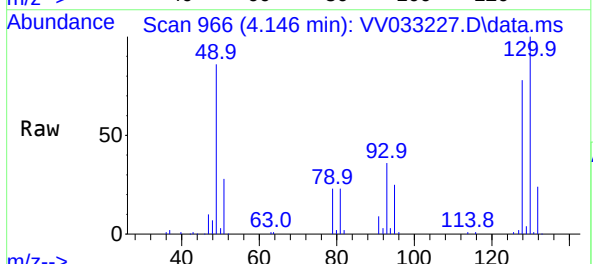
Instrument :
MSVOA_V
ClientSampleId :

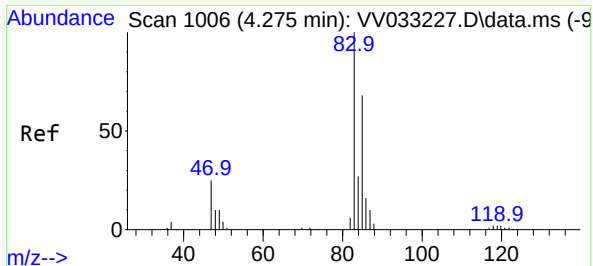
Tgt Ion: 43 Resp: 105673
Ion Ratio Lower Upper
43 100
72 31.1 14.6 43.8



#23
Bromochloromethane
Concen: 50.473 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:128 Resp: 61545
Ion Ratio Lower Upper
128 100
49 110.3 81.7 151.7
130 128.0 90.1 167.3
51 36.1 30.5 45.7

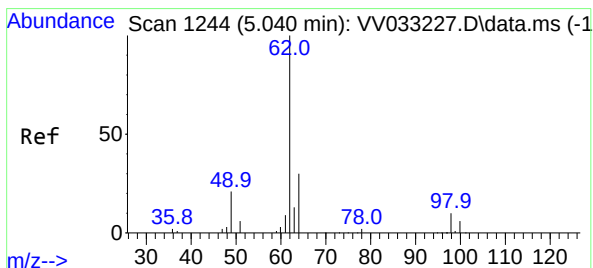
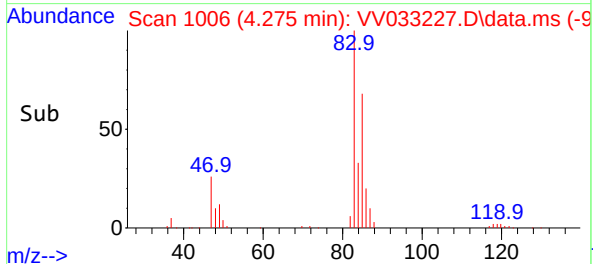
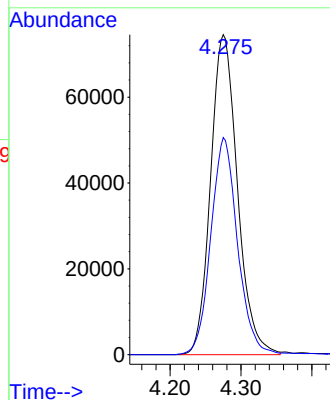
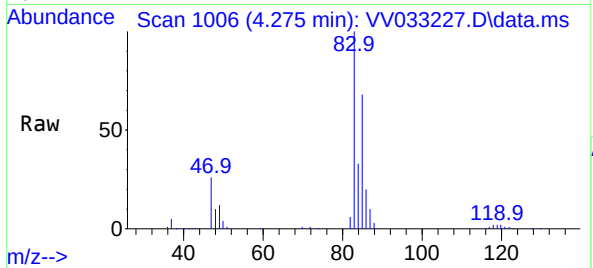




#25
Chloroform
Concen: 51.615 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

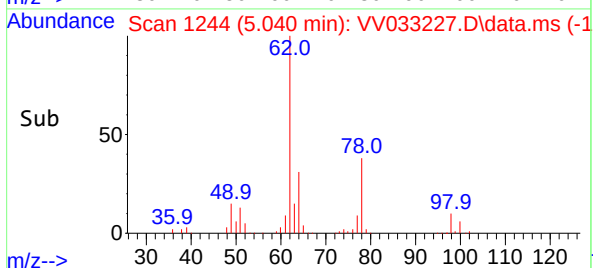
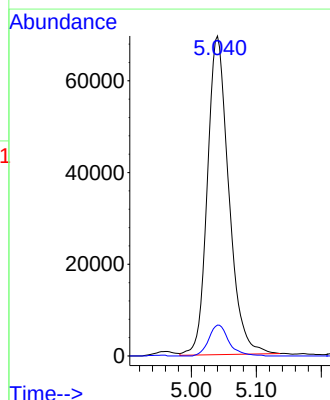
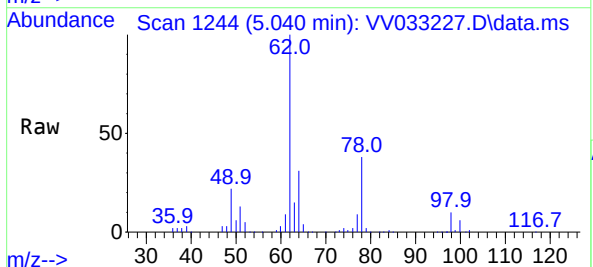
Instrument :
MSVOA_V
ClientSampleId :

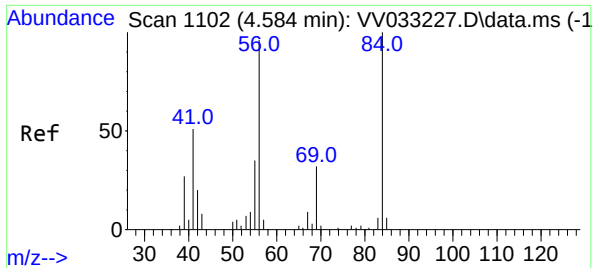
Tgt Ion: 83 Resp: 196631
Ion Ratio Lower Upper
83 100
85 67.9 43.5 80.7



#27
1,2-Dichloroethane
Concen: 52.895 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 62 Resp: 159236
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8



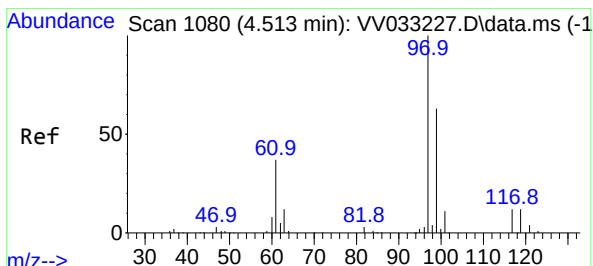
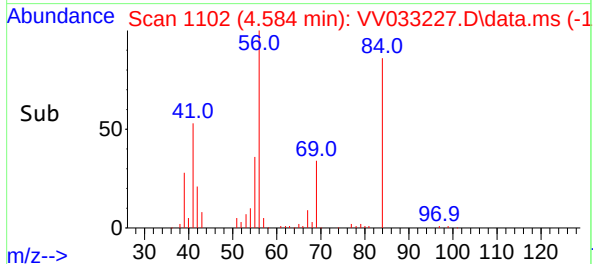
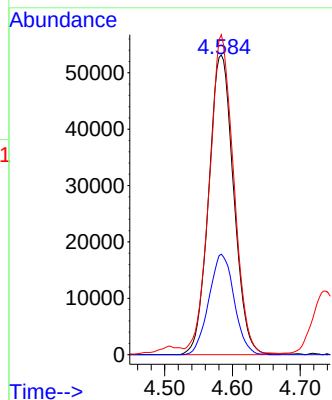
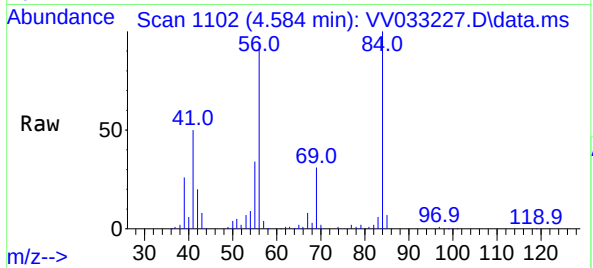


#29
Cyclohexane
Concen: 48.590 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 136011

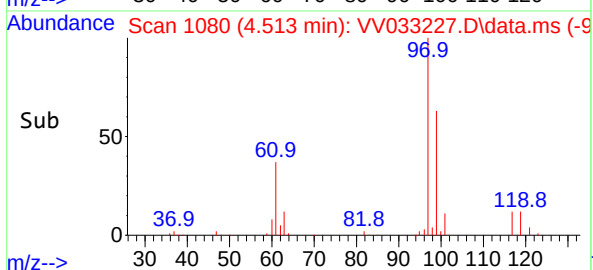
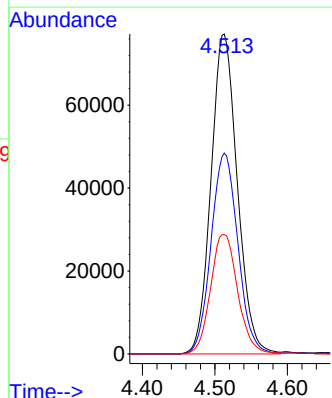
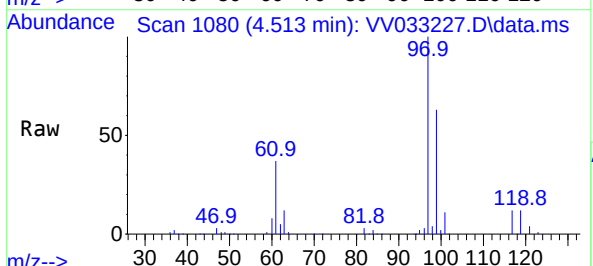
Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.9	40.3
84	103.2	80.6	121.0

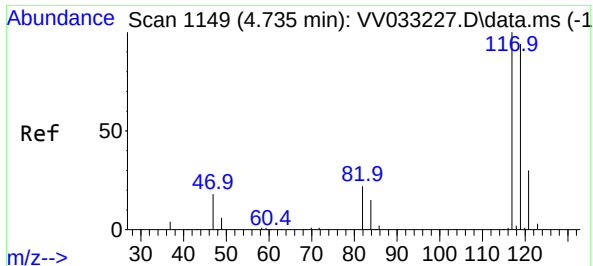


#30
1,1,1-Trichloroethane
Concen: 51.955 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 97 Resp: 194588

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	38.6	31.8	47.8

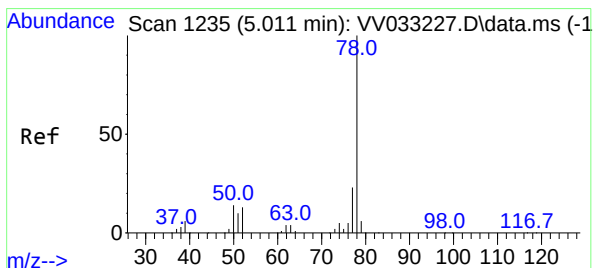
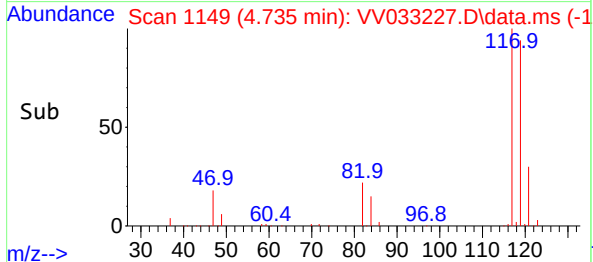
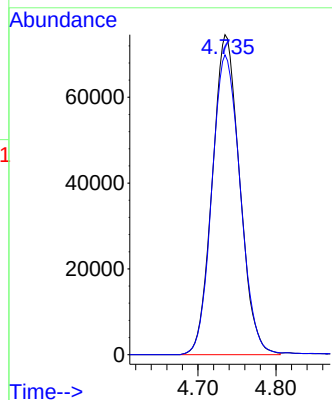
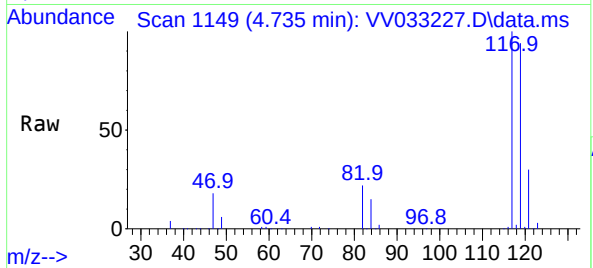




#31
Carbon tetrachloride
Concen: 52.185 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

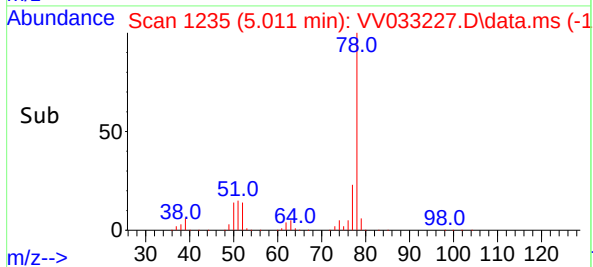
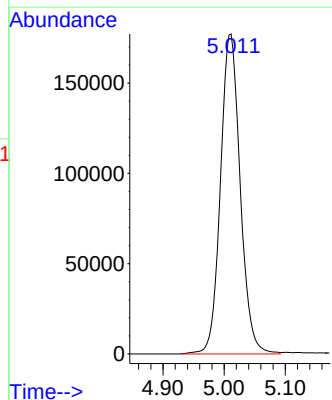
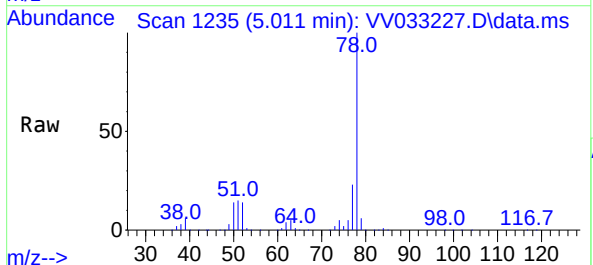
Instrument :
MSVOA_V
ClientSampleId :

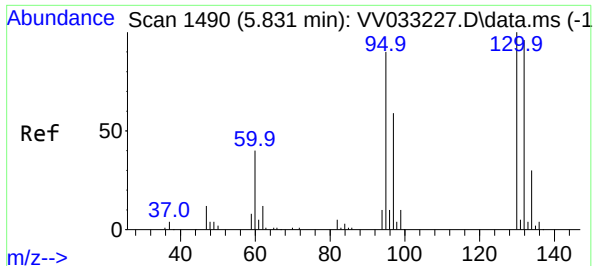
Tgt Ion:117 Resp: 181734
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 51.826 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

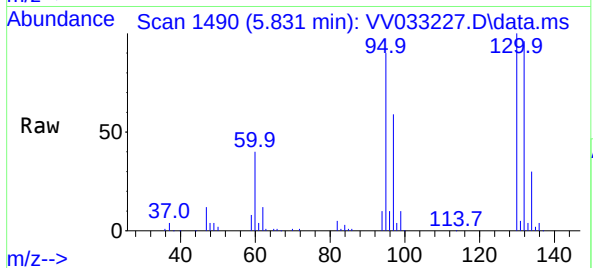
Tgt Ion: 78 Resp: 398007





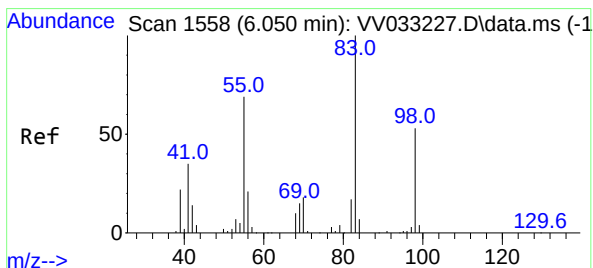
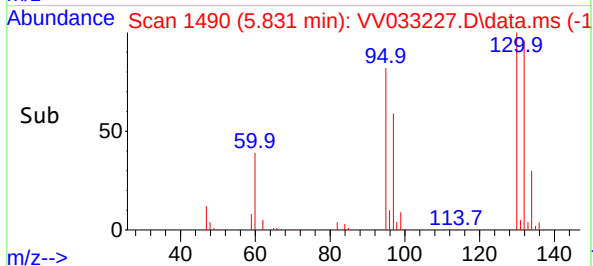
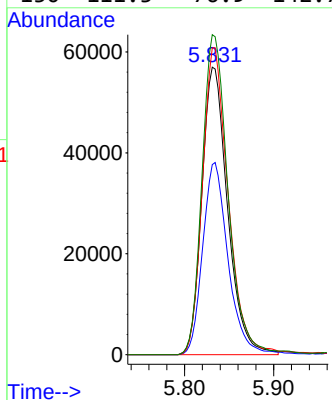
#34
Trichloroethene
Concen: 49.744 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 114128

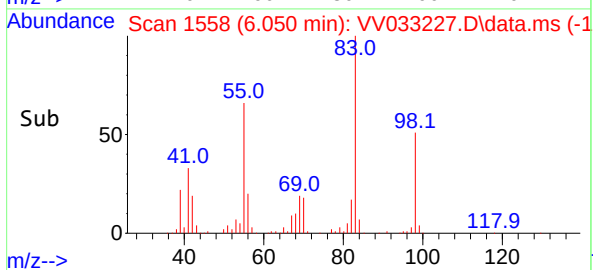
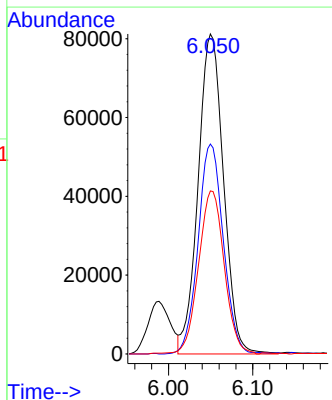
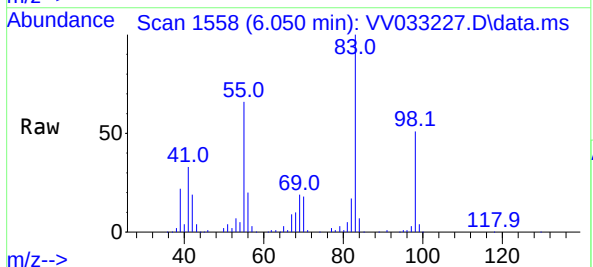
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.8	85.0
132	106.7	77.4	143.8
130	111.3	76.9	142.7

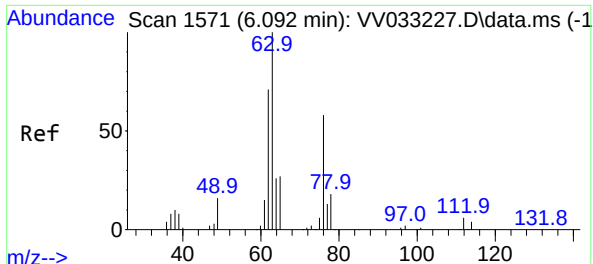


#35
Methylcyclohexane
Concen: 51.225 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 83 Resp: 170570

Ion	Ratio	Lower	Upper
83	100		
55	64.8	54.8	82.2
98	51.5	41.4	62.0

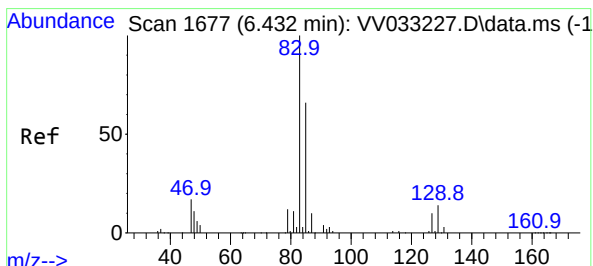
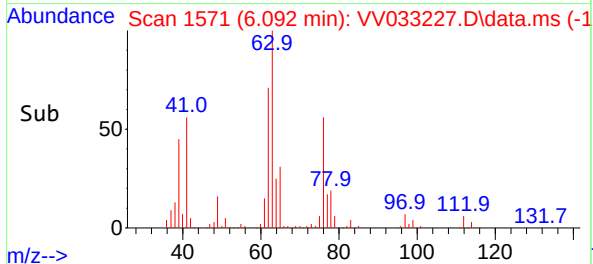
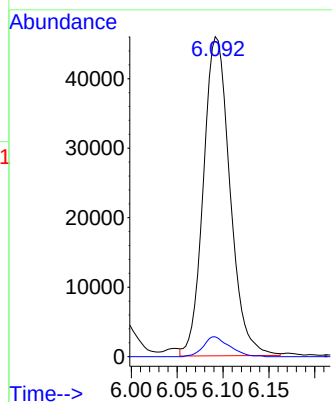
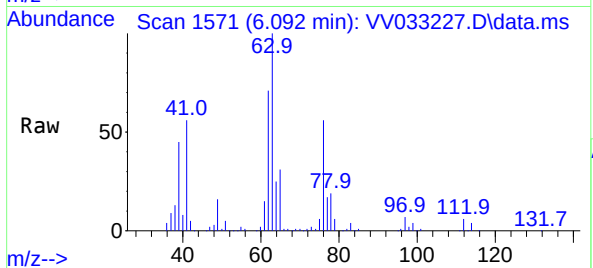




#37
1,2-Dichloropropane
Concen: 52.095 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

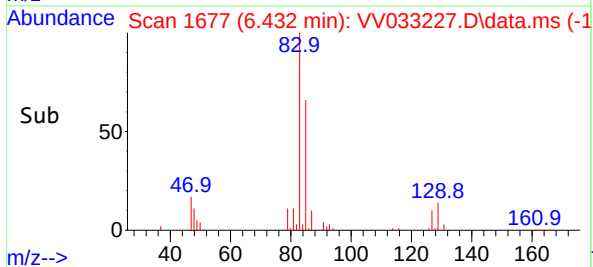
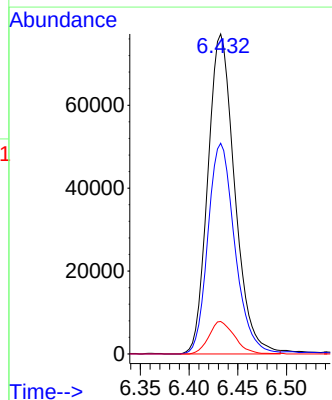
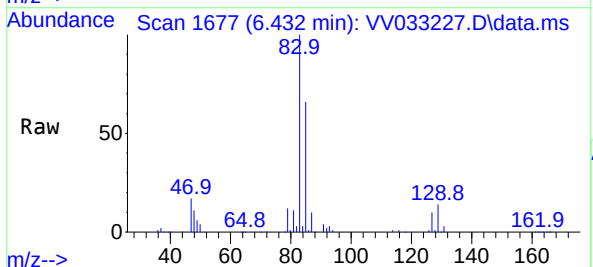
Instrument :
MSVOA_V
ClientSampleId :

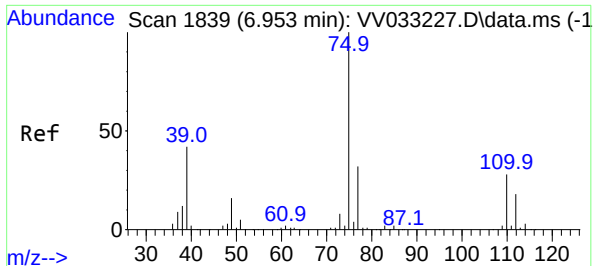
Tgt Ion: 63 Resp: 92590
Ion Ratio Lower Upper
63 100
112 6.1 4.6 6.8



#38
Bromodichloromethane
Concen: 51.654 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 83 Resp: 148004
Ion Ratio Lower Upper
83 100
85 65.9 45.6 84.6
127 10.2 7.4 11.2

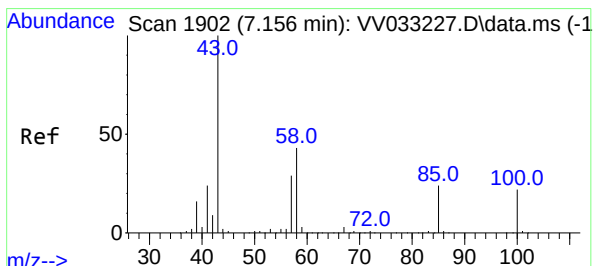
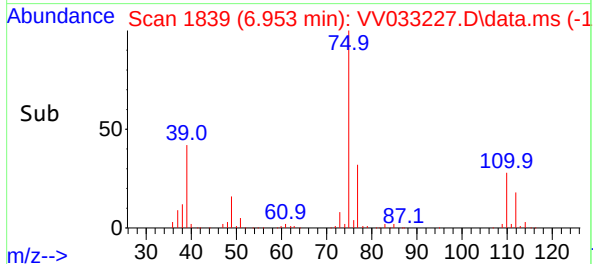
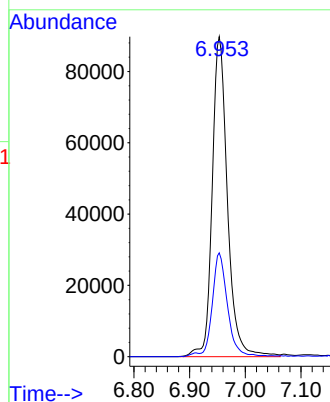
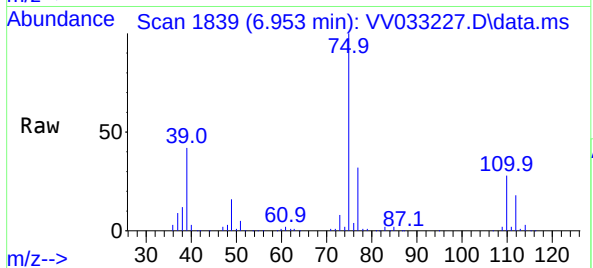




#39
cis-1,3-Dichloropropene
Concen: 52.963 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

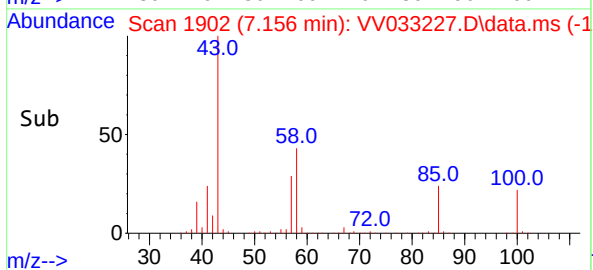
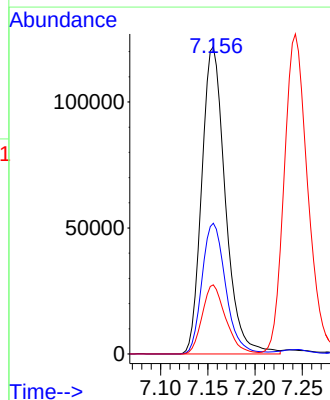
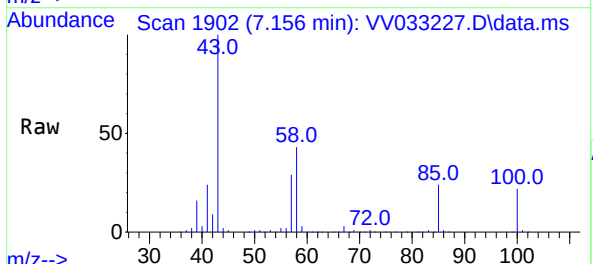
Instrument :
MSVOA_V
ClientSampleId :

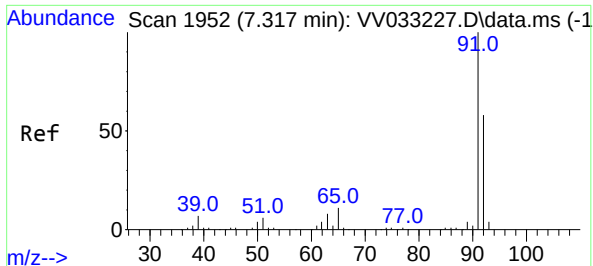
Tgt Ion: 75 Resp: 170809
Ion Ratio Lower Upper
75 100
77 32.5 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 112.469 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 43 Resp: 212239
Ion Ratio Lower Upper
43 100
58 42.7 34.5 51.7
100 22.4 17.0 25.6





#42

Toluene

Concen: 52.999 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

Instrument :

MSVOA_V

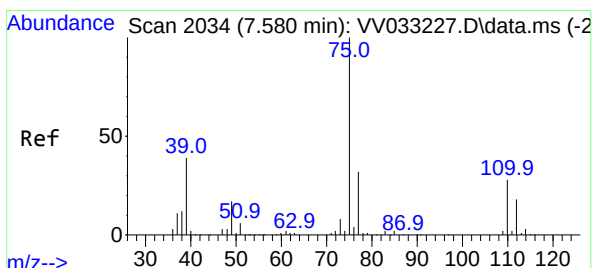
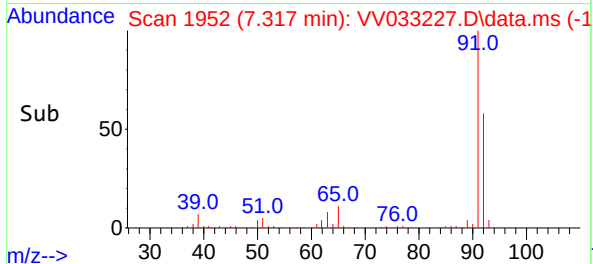
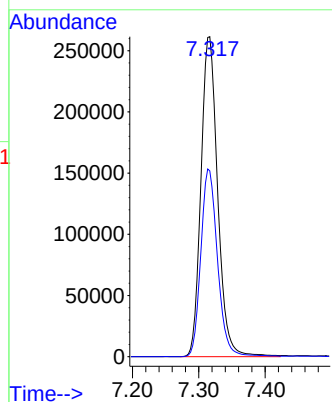
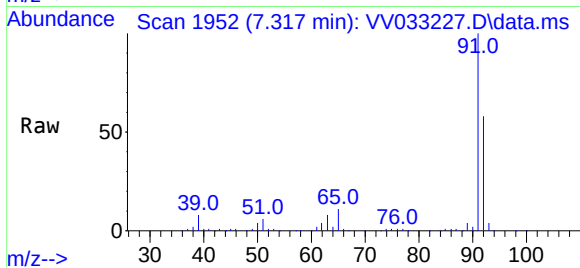
ClientSampleId :

Tgt Ion: 91 Resp: 458648

Ion Ratio Lower Upper

91 100

92 58.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 51.649 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033227.D

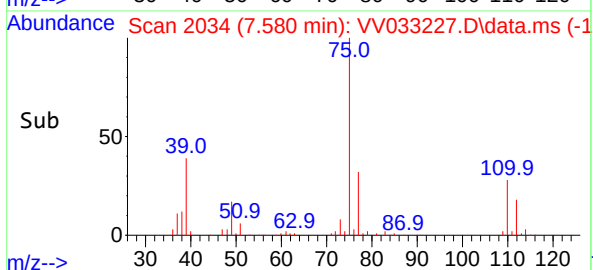
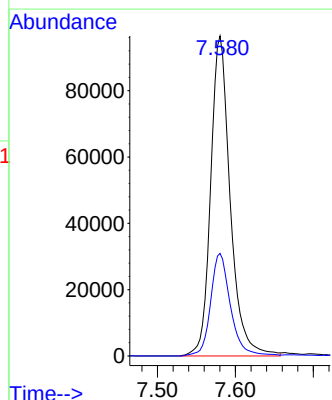
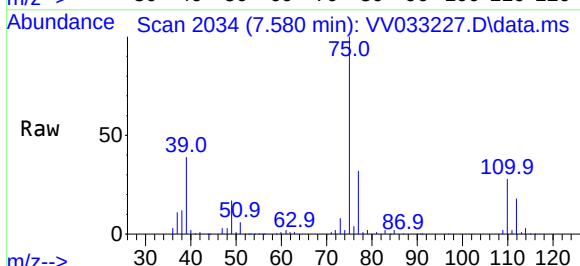
Acq: 11 Dec 2023 20:46

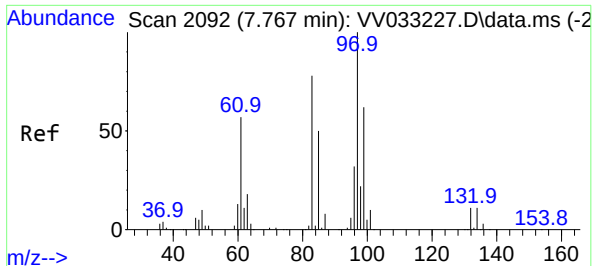
Tgt Ion: 75 Resp: 168433

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 52.998 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 109216

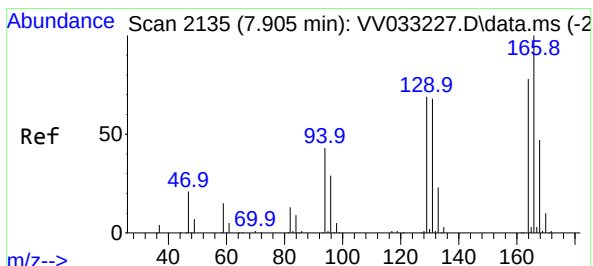
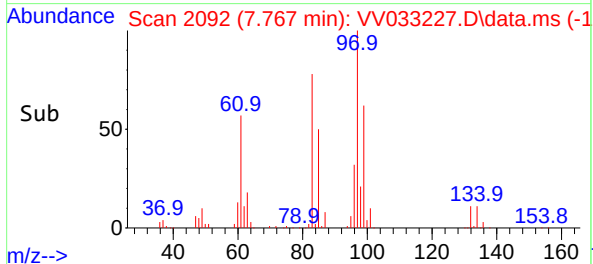
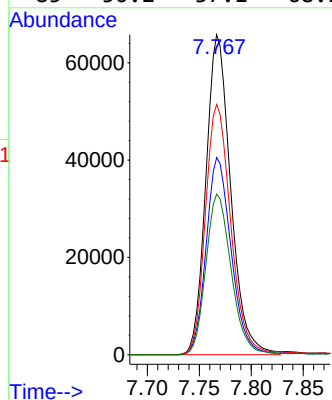
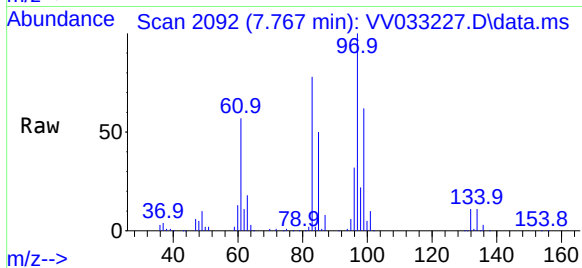
Ion Ratio Lower Upper

97 100

99 61.6 43.2 80.2

83 78.2 55.8 103.6

85 50.2 37.1 68.9



#46

Tetrachloroethene

Concen: 51.620 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

Tgt Ion:164 Resp: 101810

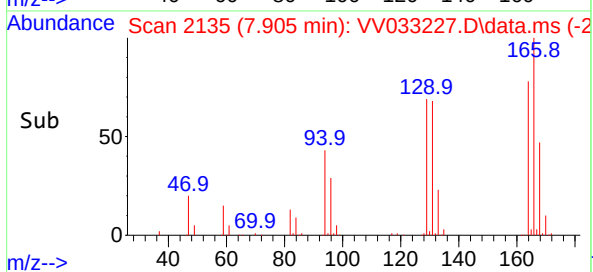
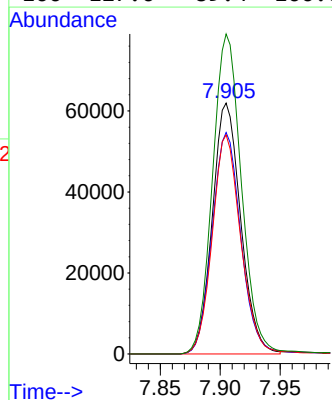
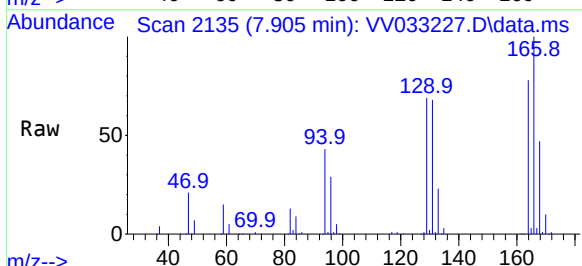
Ion Ratio Lower Upper

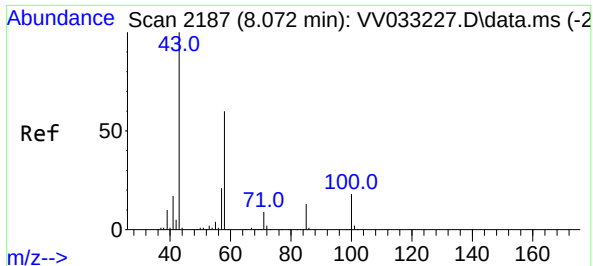
164 100

129 88.3 65.6 121.8

131 87.4 64.7 120.1

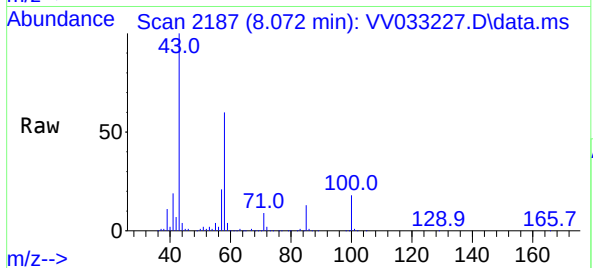
166 127.6 89.4 166.0



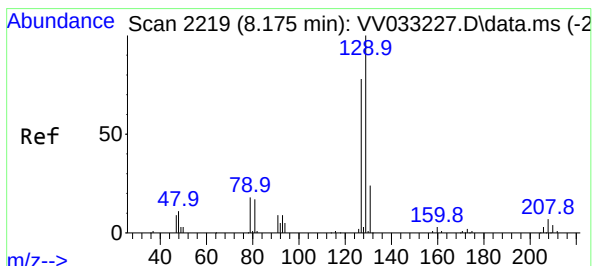
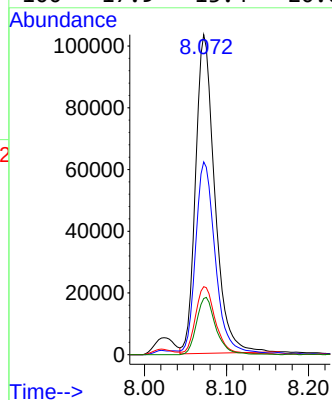
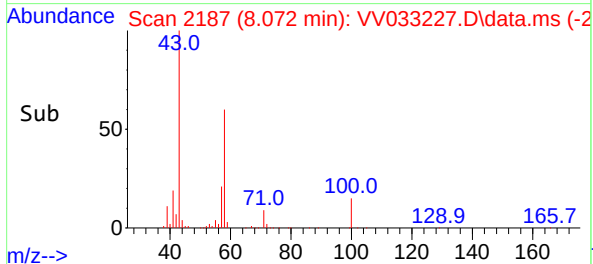


#48
2-Hexanone
Concen: 107.532 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :

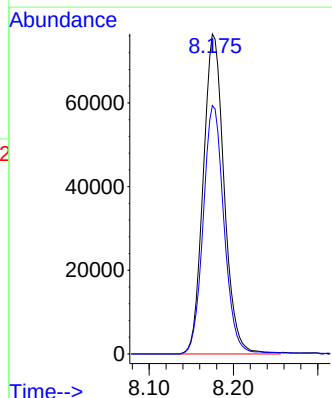
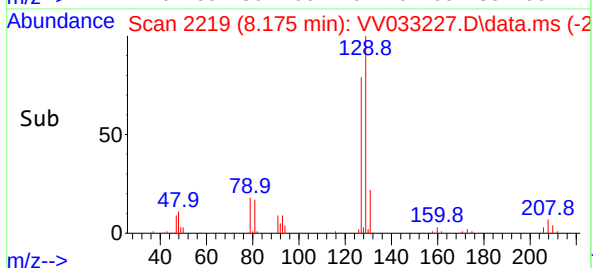
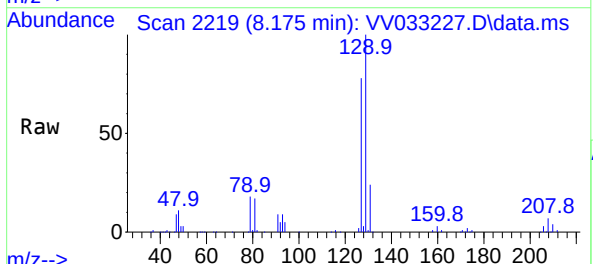


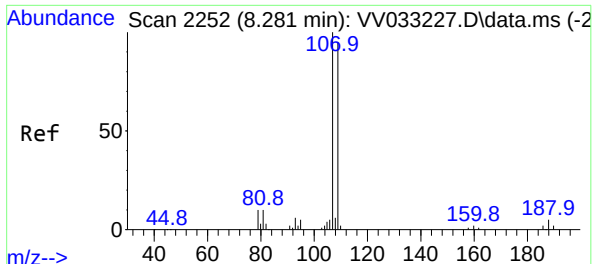
Tgt Ion: 43 Resp: 168243
Ion Ratio Lower Upper
43 100
58 62.3 47.9 71.9
57 21.8 17.4 26.0
100 17.9 13.4 20.0



#49
Dibromochloromethane
Concen: 53.690 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

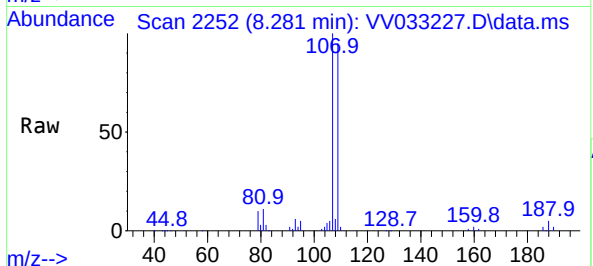
Tgt Ion: 129 Resp: 132081
Ion Ratio Lower Upper
129 100
127 77.6 54.1 100.5



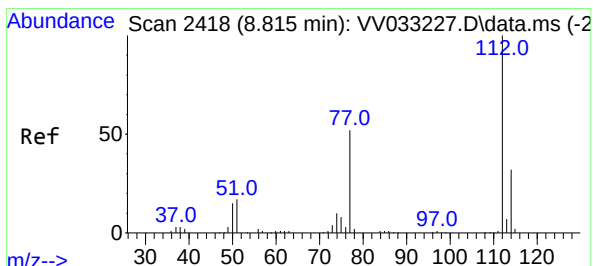
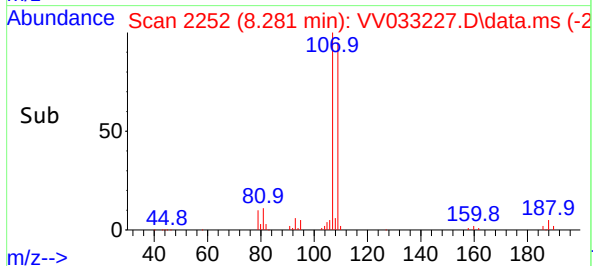
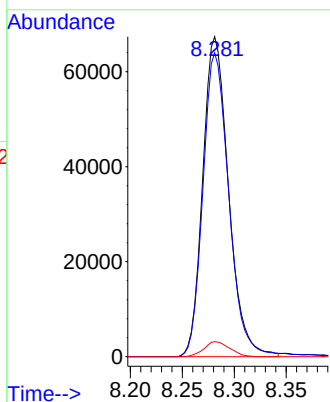


#50
1,2-Dibromoethane
Concen: 52.858 ug/L
RT: 8.281 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :

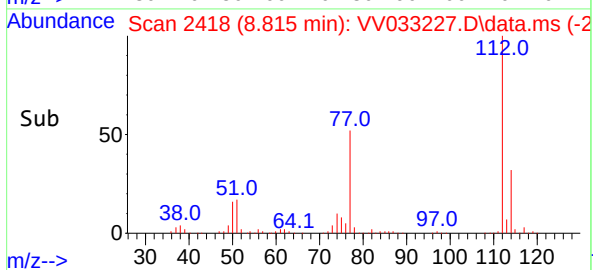
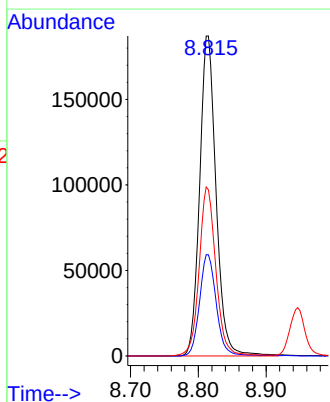
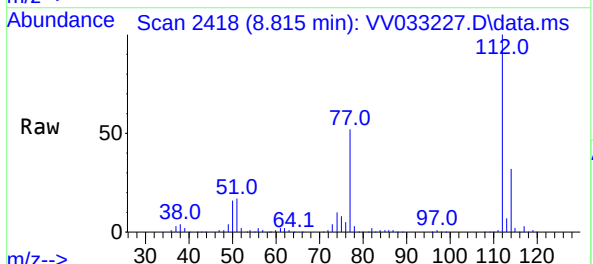


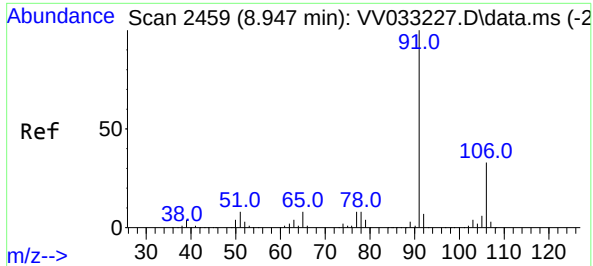
Tgt Ion:107 Resp: 116133
Ion Ratio Lower Upper
107 100
109 94.9 65.2 121.2
188 4.7 3.8 5.6



#51
Chlorobenzene
Concen: 51.815 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:112 Resp: 315323
Ion Ratio Lower Upper
112 100
114 31.6 22.9 42.5
77 51.9 42.6 64.0

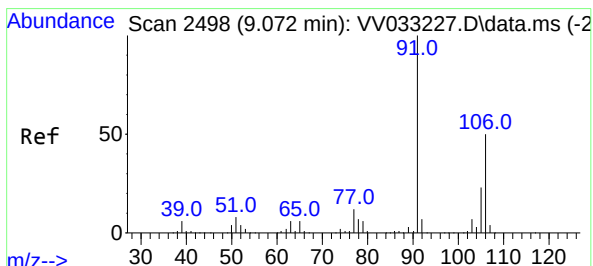
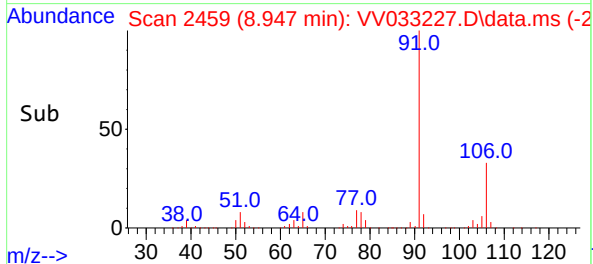
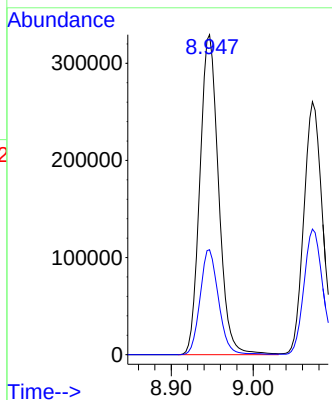
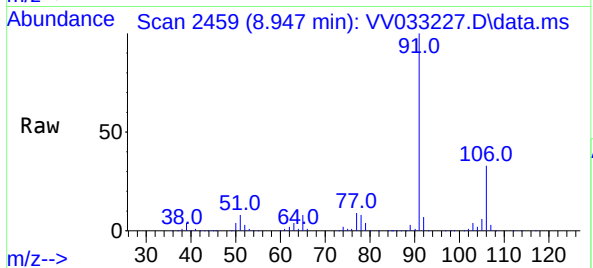




#52
Ethylbenzene
Concen: 52.306 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

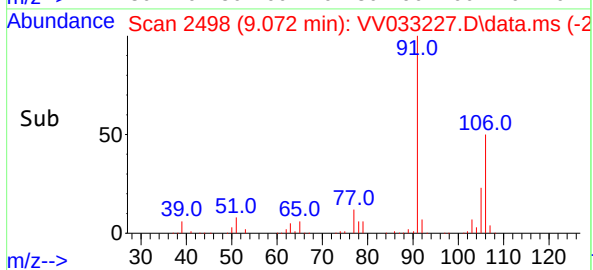
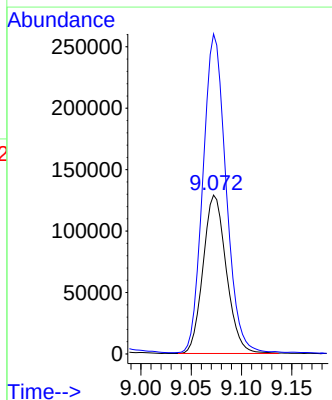
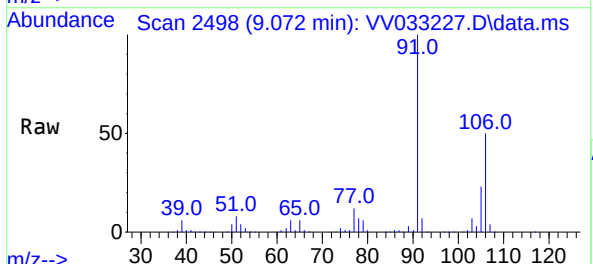
Instrument :
MSVOA_V
ClientSampleId :

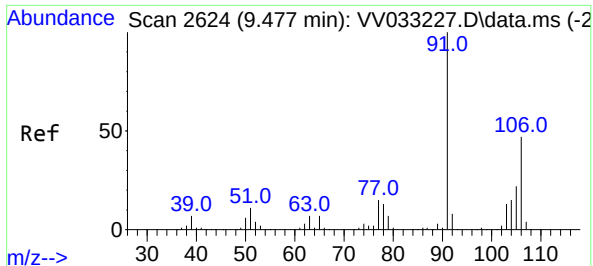
Tgt Ion: 91 Resp: 521024
Ion Ratio Lower Upper
91 100
106 32.8 22.6 42.0



#53
m,p-Xylene
Concen: 52.466 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 106 Resp: 206964
Ion Ratio Lower Upper
106 100
91 201.3 145.2 269.6

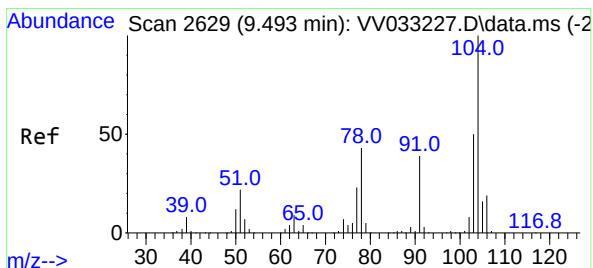
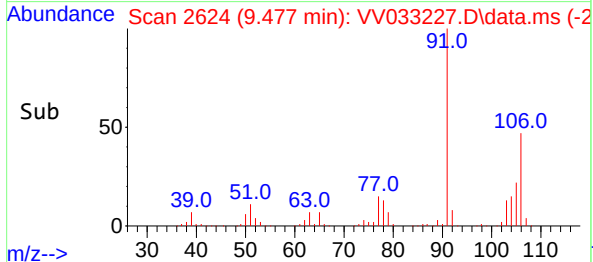
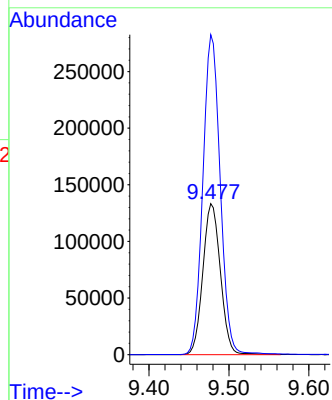
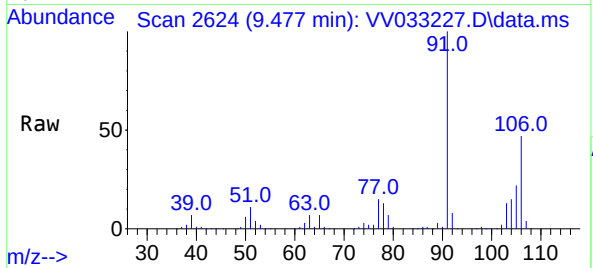




#54
o-Xylene
Concen: 52.493 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

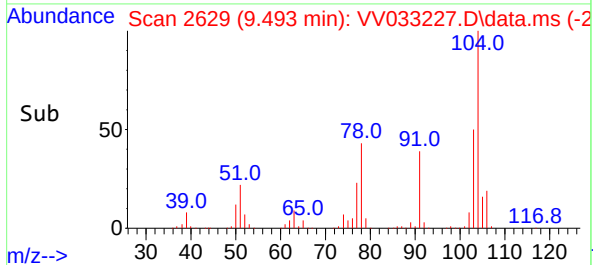
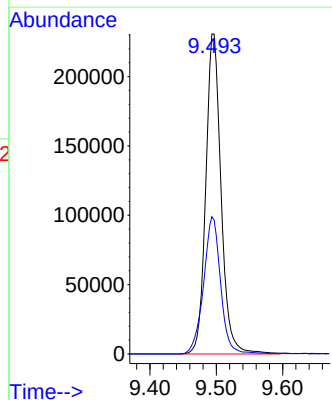
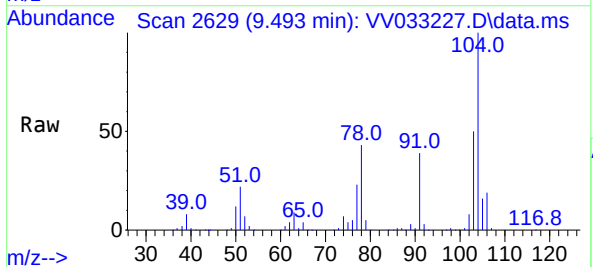
Instrument :
MSVOA_V
ClientSampleId :

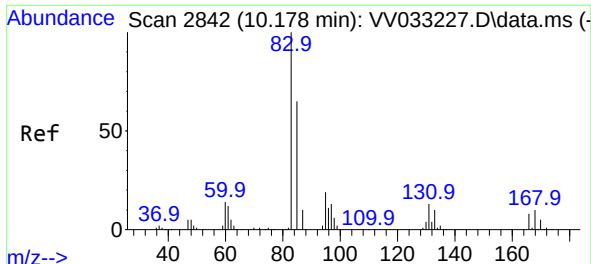
Tgt Ion:106 Resp: 204330
Ion Ratio Lower Upper
106 100
91 211.9 147.8 274.6



#55
Styrene
Concen: 54.895 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:104 Resp: 369654
Ion Ratio Lower Upper
104 100
78 42.9 30.2 56.0

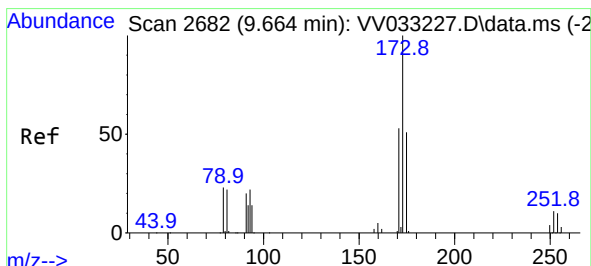
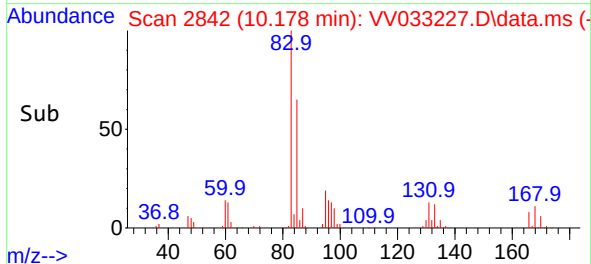
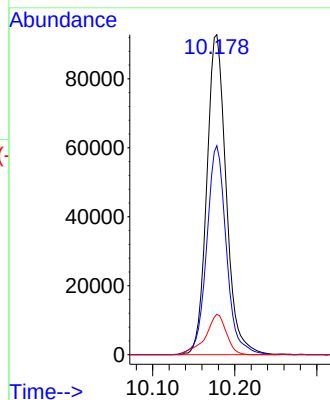
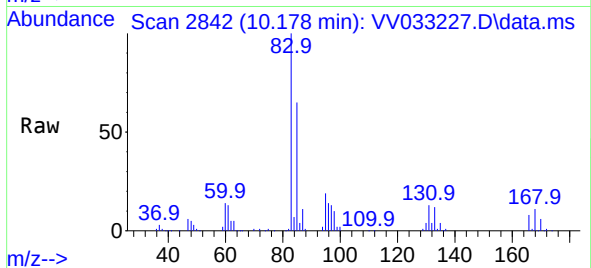




#57
1,1,2,2-Tetrachloroethane
Concen: 54.266 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

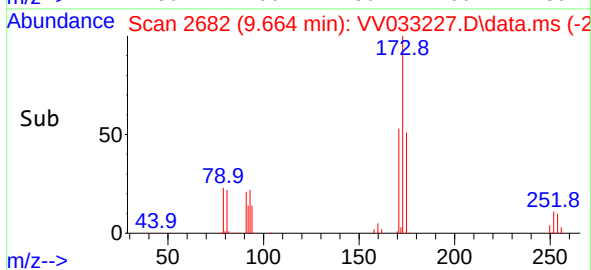
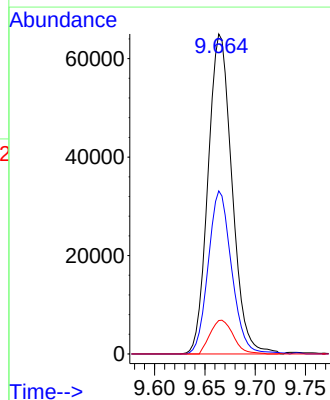
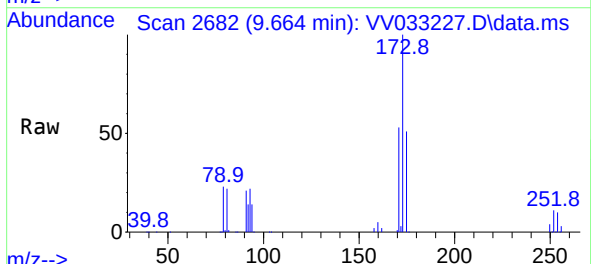
Instrument :
MSVOA_V
ClientSampleId :

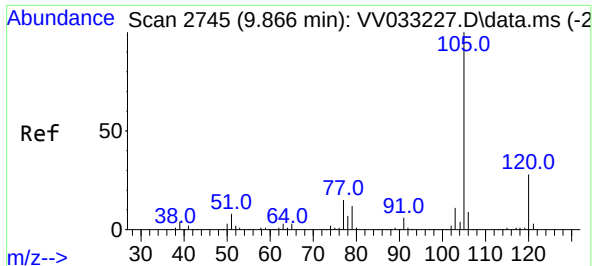
Tgt Ion: 83 Resp: 152788
Ion Ratio Lower Upper
83 100
85 65.3 45.5 84.5
131 12.6 9.7 14.5



#59
Bromoform
Concen: 53.886 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 173 Resp: 107836
Ion Ratio Lower Upper
173 100
175 49.7 38.7 58.1
254 10.2 8.0 12.0

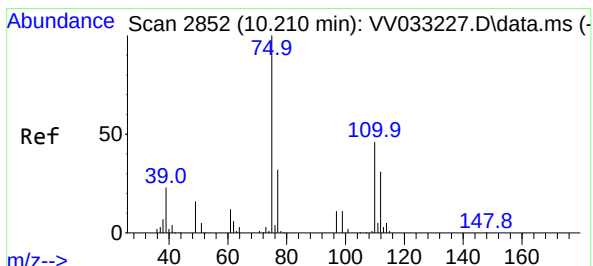
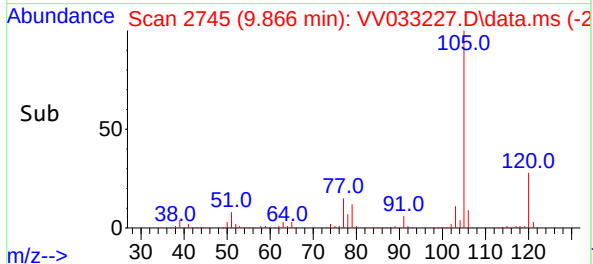
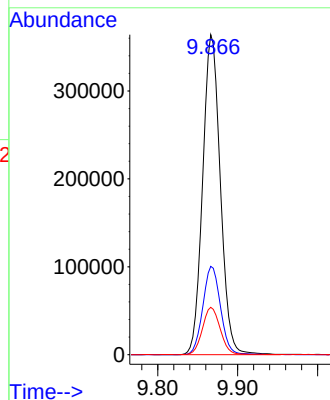
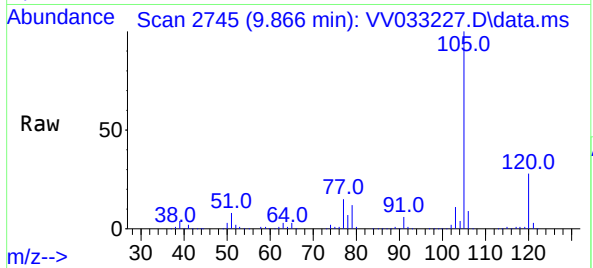




#60
Isopropylbenzene
Concen: 52.746 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

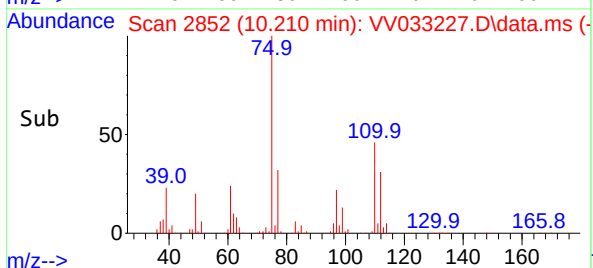
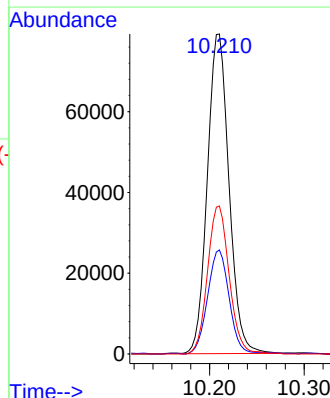
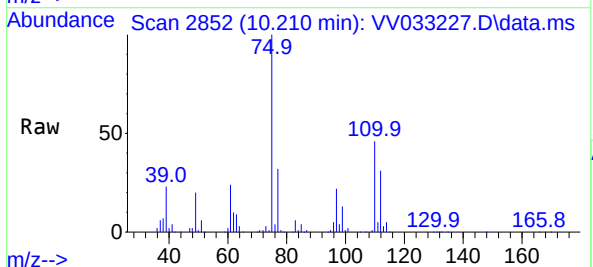
Instrument :
MSVOA_V
ClientSampleId :

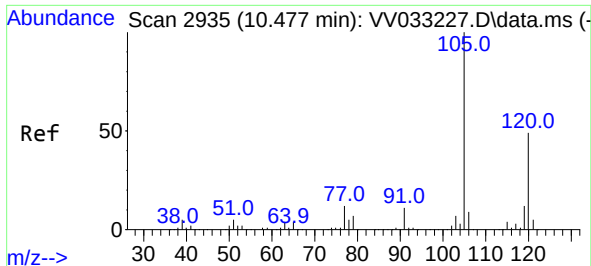
Tgt Ion:105 Resp: 560774
Ion Ratio Lower Upper
105 100
120 27.7 21.3 31.9
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 54.840 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion: 75 Resp: 126086
Ion Ratio Lower Upper
75 100
77 32.5 27.0 40.6
110 46.3 38.1 57.1

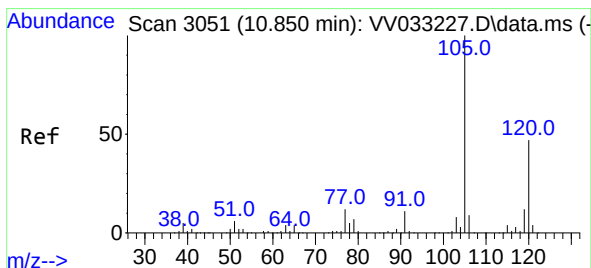
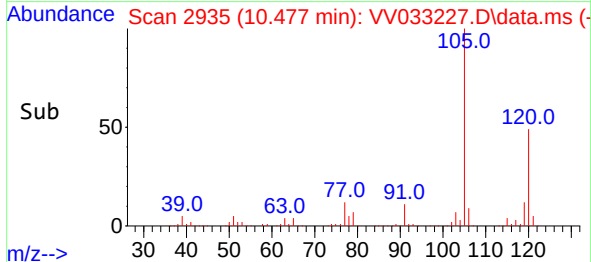
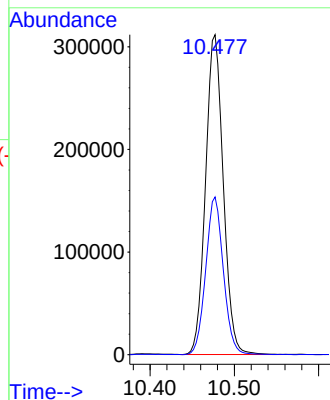
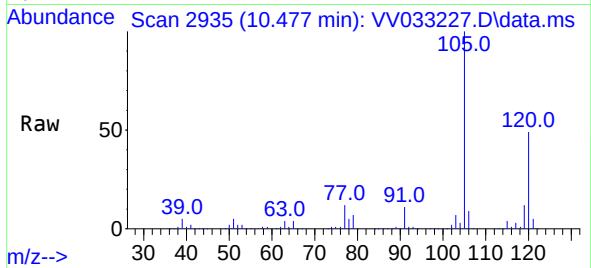




#62
1,3,5-Trimethylbenzene
Concen: 53.307 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

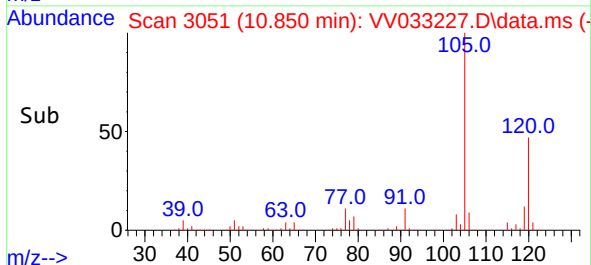
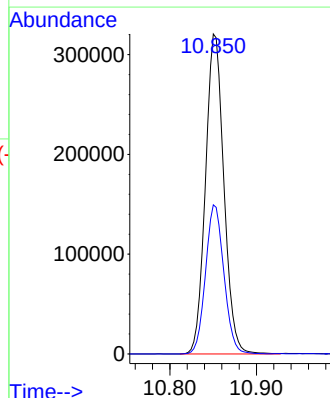
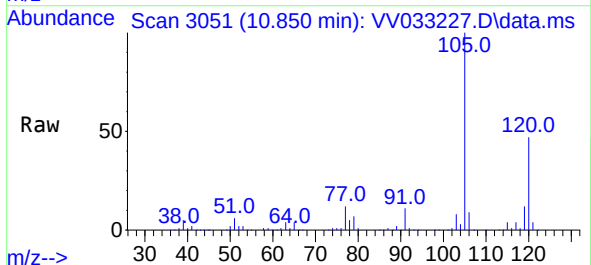
Instrument :
MSVOA_V
ClientSampleId :

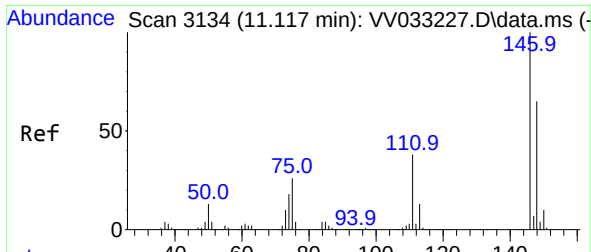
Tgt Ion:105 Resp: 456613
Ion Ratio Lower Upper
105 100
120 49.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 53.100 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:105 Resp: 473688
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1

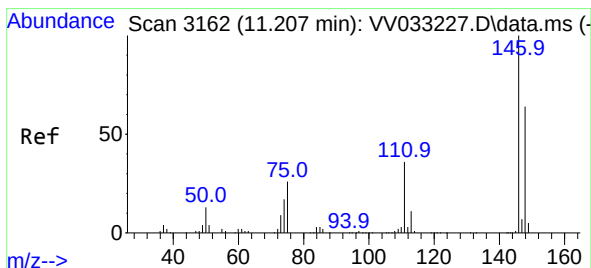
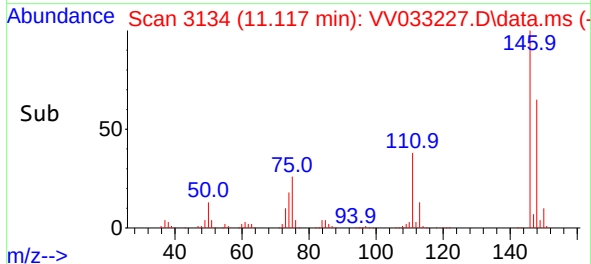
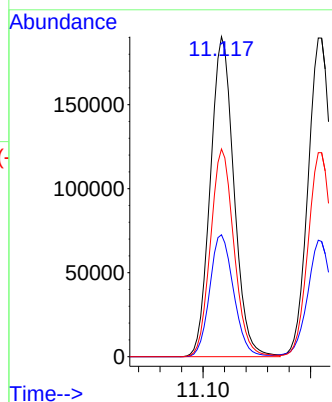
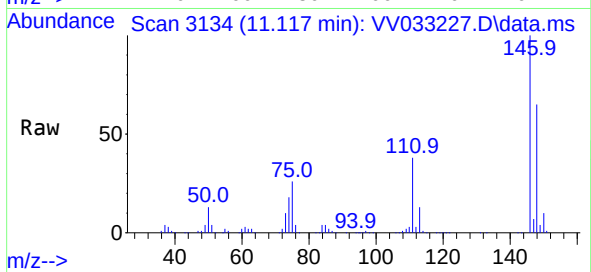




#64
1,3-Dichlorobenzene
Concen: 51.133 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

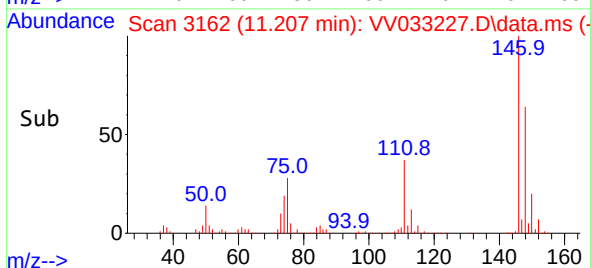
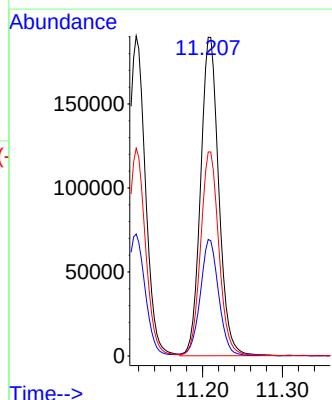
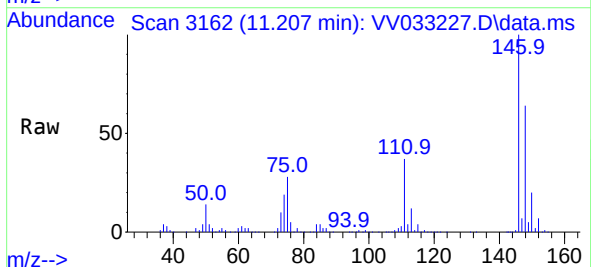
Instrument :
MSVOA_V
ClientSampleId :

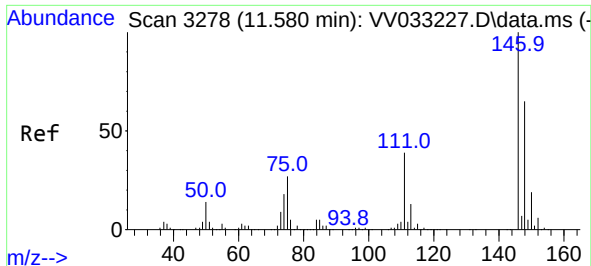
Tgt Ion:146 Resp: 290429
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.6
148 64.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 50.864 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:146 Resp: 300103
Ion Ratio Lower Upper
146 100
111 36.6 25.9 48.1
148 64.0 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 52.277 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

Instrument :

MSVOA_V

ClientSampleId :

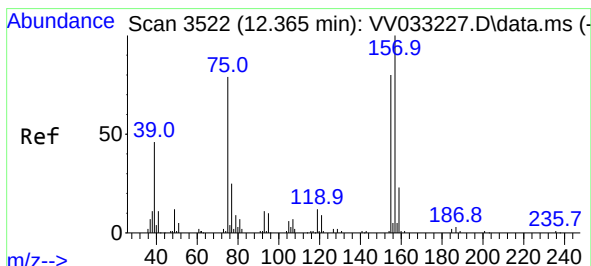
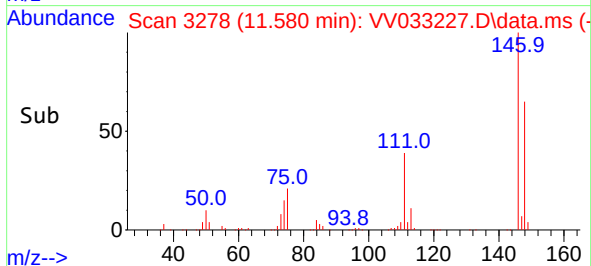
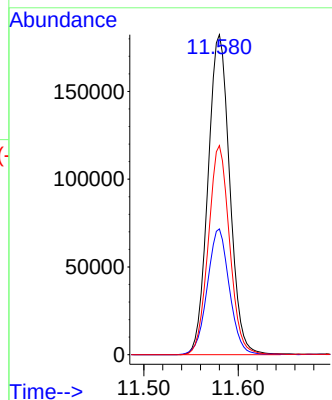
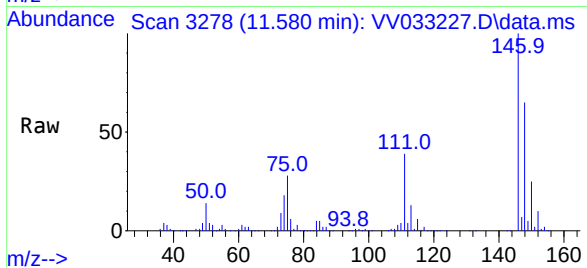
Tgt Ion:146 Resp: 291096

Ion Ratio Lower Upper

146 100

111 39.3 32.4 48.6

148 65.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 55.411 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033227.D

Acq: 11 Dec 2023 20:46

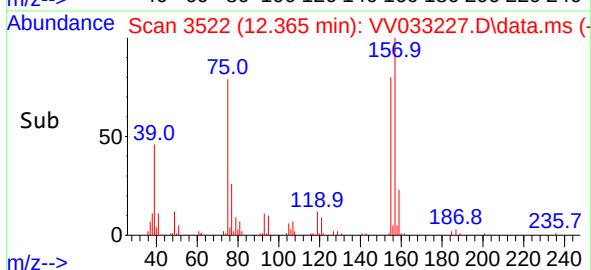
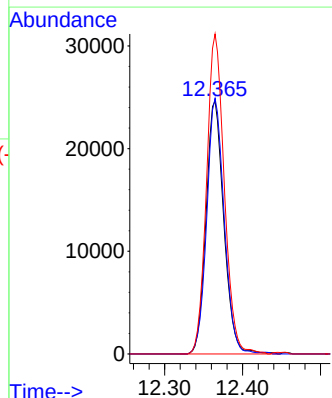
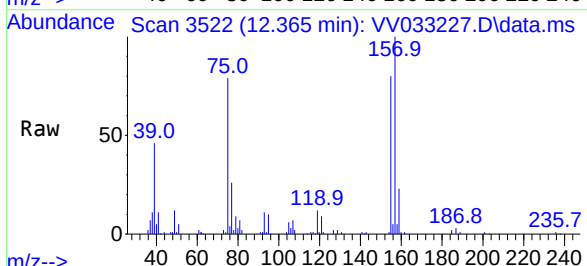
Tgt Ion: 75 Resp: 39091

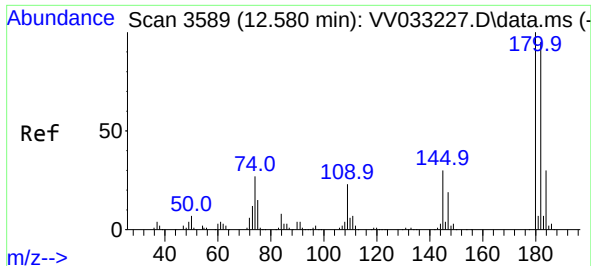
Ion Ratio Lower Upper

75 100

155 101.0 75.8 113.6

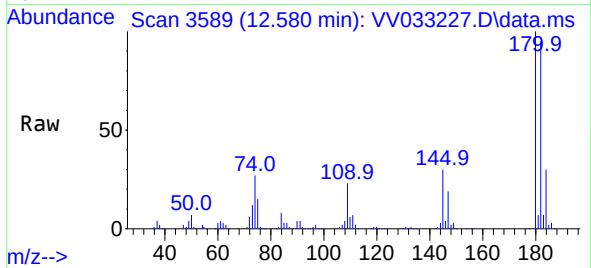
157 126.5 95.4 143.0



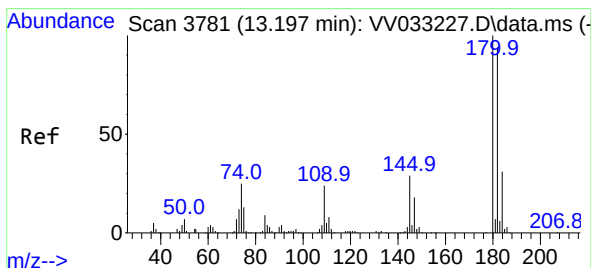
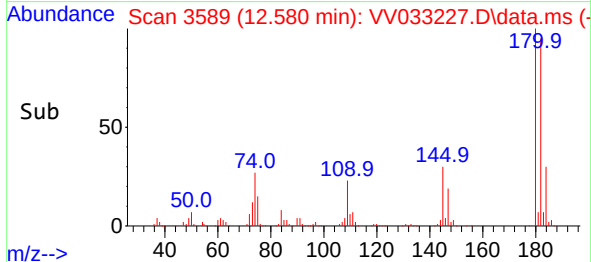
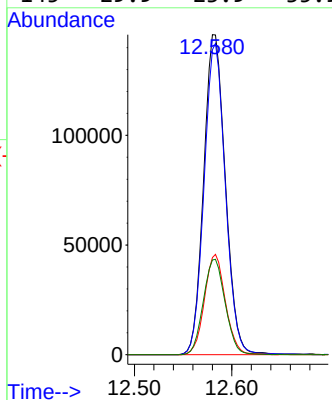


#69
1,3,5-Trichlorobenzene
Concen: 49.600 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. -0.003 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :

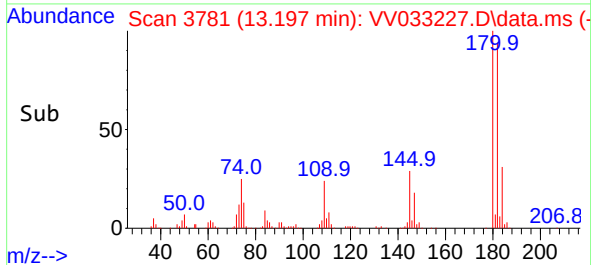
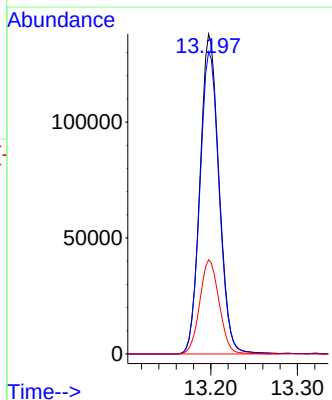
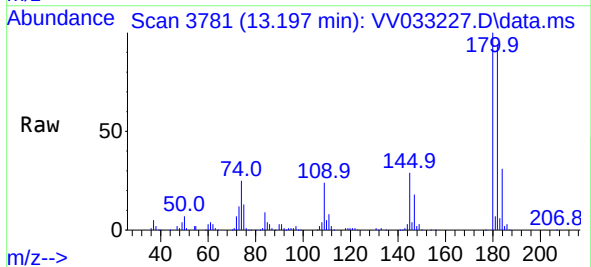


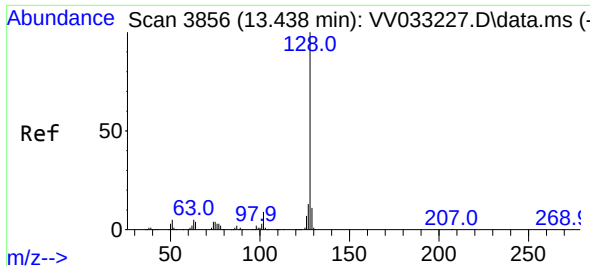
Tgt Ion:180 Resp: 225660
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.4
184 30.4 24.2 36.4
145 29.9 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 50.024 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

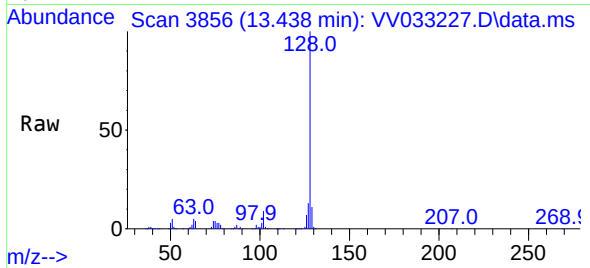
Tgt Ion:180 Resp: 210267
Ion Ratio Lower Upper
180 100
182 95.8 76.3 114.5
145 30.0 23.4 35.0





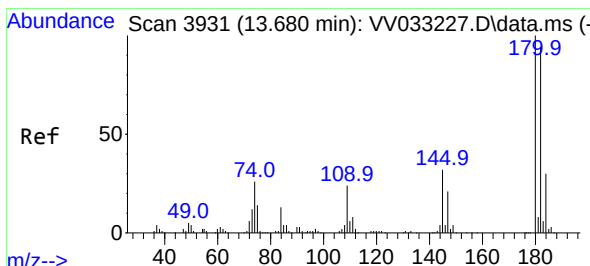
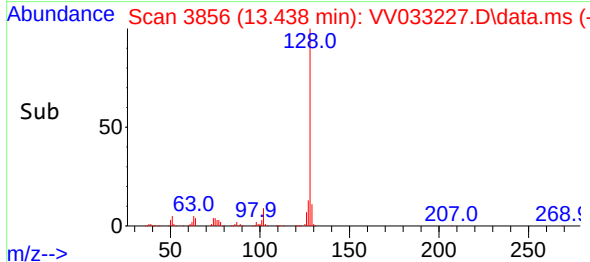
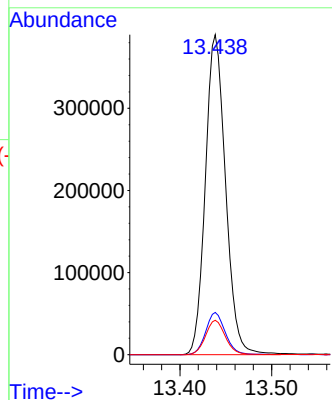
#71
Naphthalene
Concen: 58.185 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 596440

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.503 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033227.D
Acq: 11 Dec 2023 20:46

Tgt Ion:180 Resp: 217004

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.2	112.8
145	31.5	24.9	37.3

