

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033706.D
 Acq On : 17 Jan 2024 09:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 23:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	111928	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	101483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	51127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	23800	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.536	69	22704	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.060	65	10940	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.822	46	64020	42.781	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	4.249	84	61634	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.944	65	26823	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.960	84	109487	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.989	67	33432	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.243	98	95720	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.555	79	11830	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.027	63	47333	42.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	20548	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	34326	4.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	51217	5.022	ug/L	100
3) Chloromethane	1.217	50	55190	4.514	ug/L	97
5) Vinyl chloride	1.285	62	54525	4.683	ug/L	97
6) Bromomethane	1.491	94	21676	3.722	ug/L	99
8) Chloroethane	1.552	64	34187	4.835	ug/L	97
9) Trichlorofluoromethane	1.716	101	75734	5.353	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	41193	5.181	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38107	4.830	ug/L	92
13) Acetone	2.147	43	44011	36.228	ug/L	71
14) Carbon disulfide	2.243	76	136973	4.692	ug/L	100
15) Methyl Acetate	2.391	43	11509	3.964	ug/L	93
16) Methylene chloride	2.449	84	39359	4.227	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	78680	4.404	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	42475	4.766	ug/L	98
19) 1,1-Dichloroethane	3.111	63	84918	4.795	ug/L	100
21) 2-Butanone	3.902	43	67329	39.927	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	44049	4.720	ug/L	99
23) Bromochloromethane	4.146	128	16515	4.852	ug/L	95
25) Chloroform	4.275	83	78534	4.830	ug/L	99

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Quant Time: Jan 17 23:58:07 2024
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 Response via : Initial Calibration

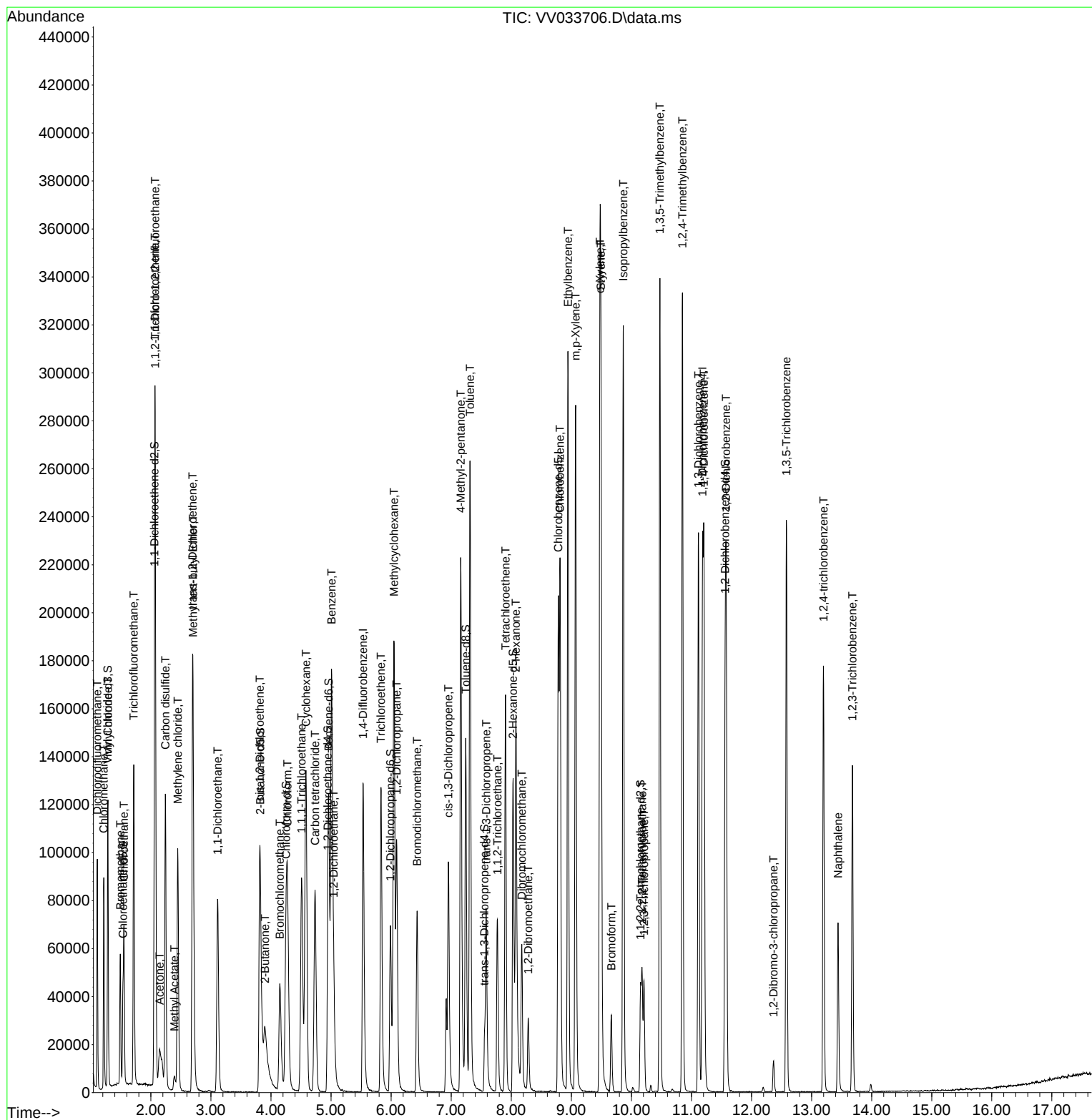
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	42118	4.546	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	73769	5.127	ug/L	100
30) Cyclohexane	4.584	56	79346	4.601	ug/L	95
31) Carbon tetrachloride	4.735	117	63795	5.200	ug/L	98
33) Benzene	5.008	78	174845	4.853	ug/L	100
34) Trichloroethene	5.831	95	46449	4.843	ug/L	96
35) Methylcyclohexane	6.047	83	77412	4.768	ug/L	97
37) 1,2-Dichloropropane	6.092	63	41109	4.594	ug/L	99
38) Bromodichloromethane	6.433	83	52545	4.818	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	59918	4.690	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	170384	41.424	ug/L	98
42) Toluene	7.314	91	188517	4.947	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	45154	4.385	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	22090	4.444	ug/L	99
47) Tetrachloroethene	7.905	164	35774	5.191	ug/L	98
48) 2-Hexanone	8.079	43	116875	38.787	ug/L	98
49) Dibromochloromethane	8.175	129	29014	4.688	ug/L	98
50) 1,2-Dibromoethane	8.285	107	20208	4.404	ug/L	95
51) Chlorobenzene	8.812	112	111921	4.795	ug/L	99
52) Ethylbenzene	8.944	91	211971	4.799	ug/L	99
53) m,p-Xylene	9.072	106	77216	4.745	ug/L	100
54) o-Xylene	9.477	106	76368	4.822	ug/L	99
55) Styrene	9.494	104	121006	4.794	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	23803	4.363	ug/L	96
59) Bromoform	9.667	173	14112	4.573	ug/L	99
60) Isopropylbenzene	9.867	105	201921	4.992	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	18235	4.449	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	174795	5.001	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	175336	4.969	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	88891	4.969	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	83169	4.748	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	73994	4.759	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	3552	3.943	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	68756	4.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	51123	4.418	ug/L	99
71) Naphthalene	13.442	128	54681	2.831	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38277	4.125	ug/L	99

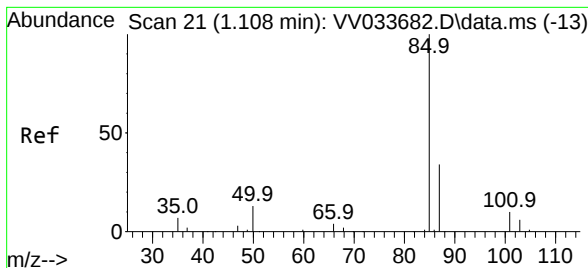
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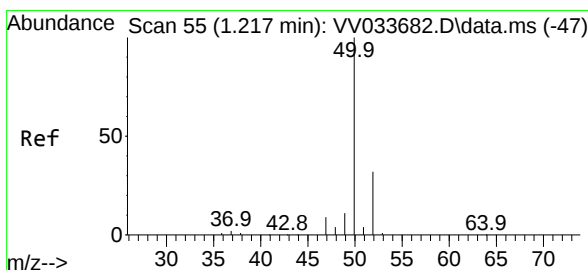
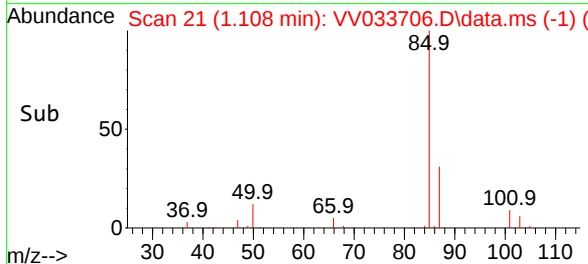
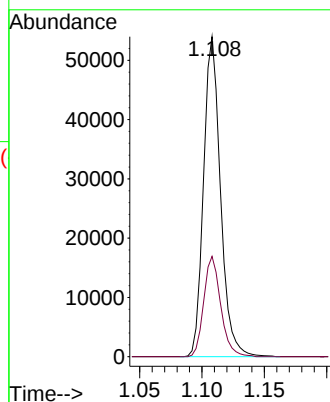
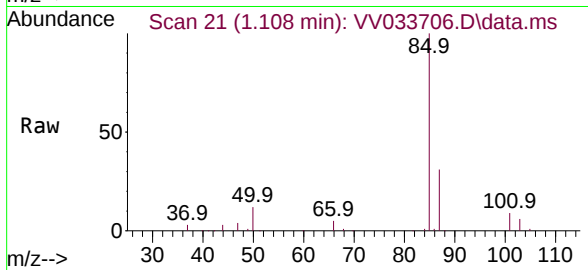




#2
 Dichlorodifluoromethane
 Concen: 5.022 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

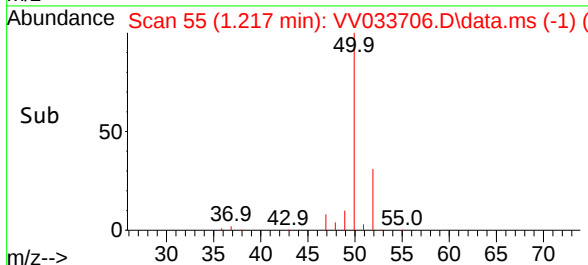
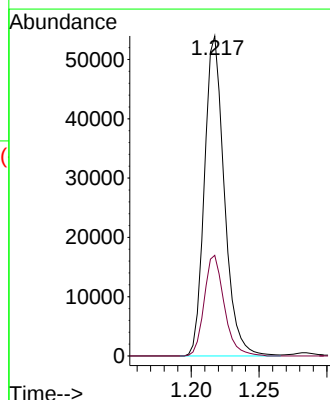
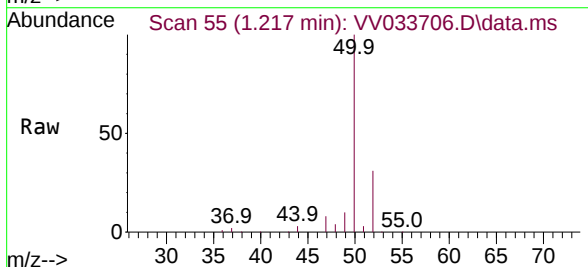
Instrument :
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 ClientSampleId :

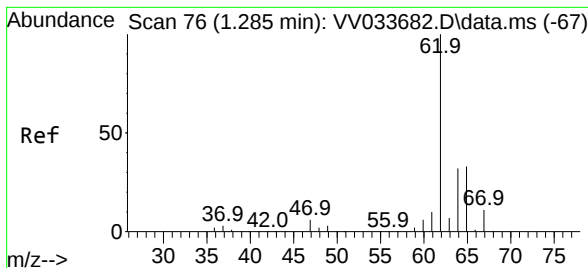
Tgt Ion: 85 Resp: 51217
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.2 37.8



#3
 Chloromethane
 Concen: 4.514 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

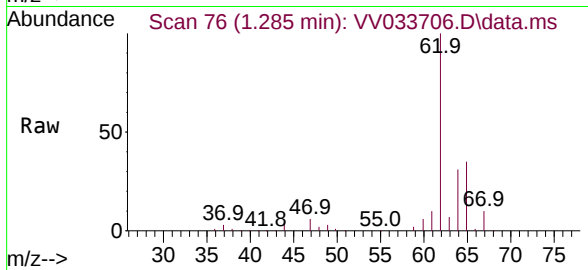
Tgt Ion: 50 Resp: 55190
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.1 42.9



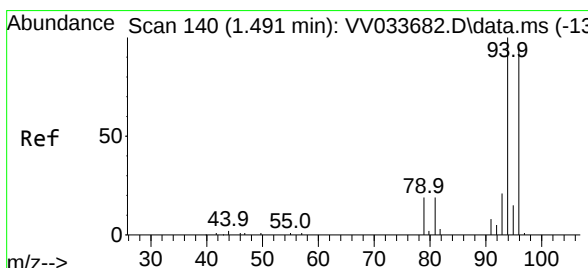
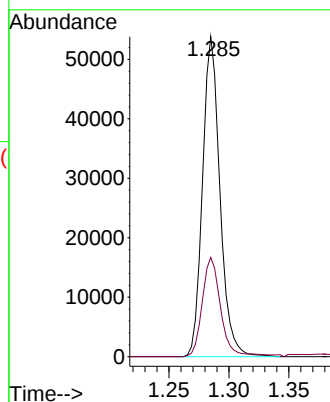
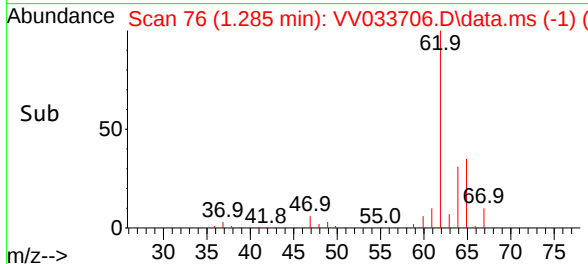


#5
 Vinyl chloride
 Concen: 4.683 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

Instrument :
 MSVOA_V
 ClientSampleId :

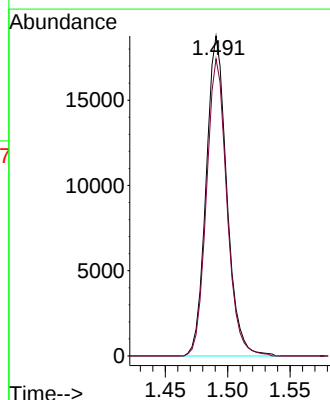
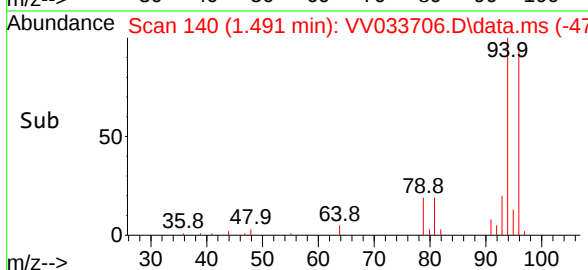
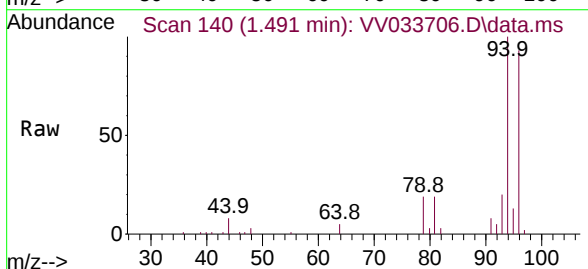


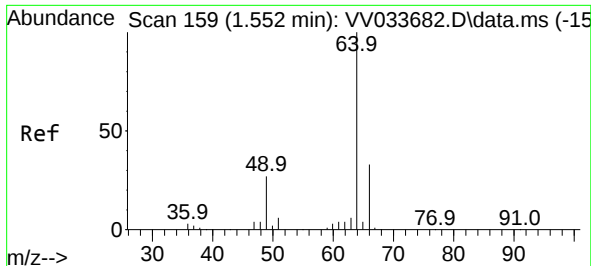
Tgt Ion: 62 Resp: 54525
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.0 42.8



#6
 Bromomethane
 Concen: 3.722 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

Tgt Ion: 94 Resp: 21676
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.5 121.6

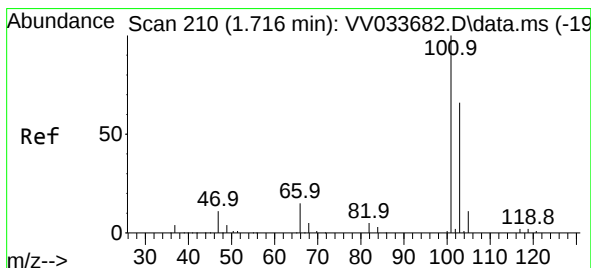
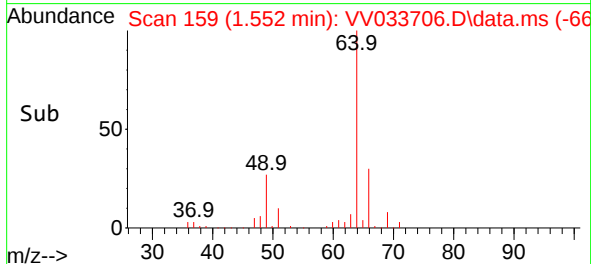
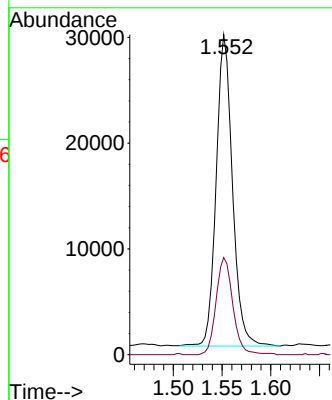
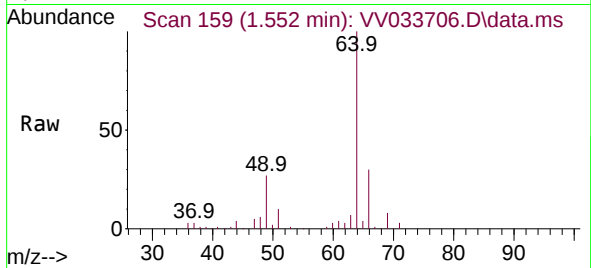




#8
Chloroethane
Concen: 4.835 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

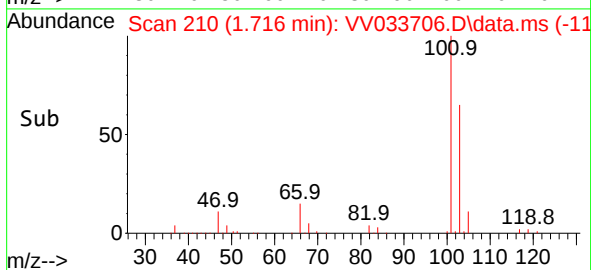
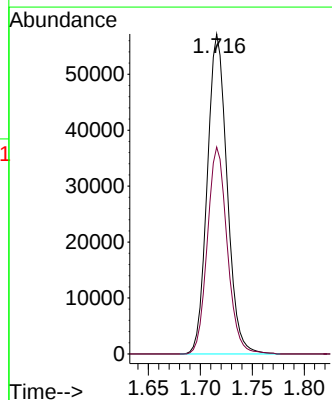
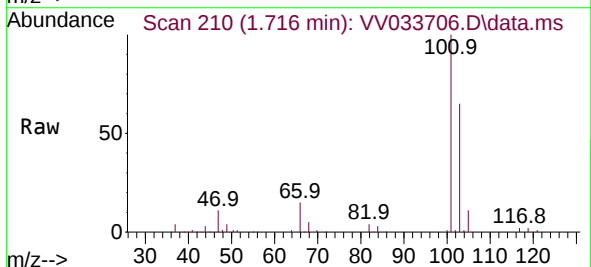
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ClientSampleId :

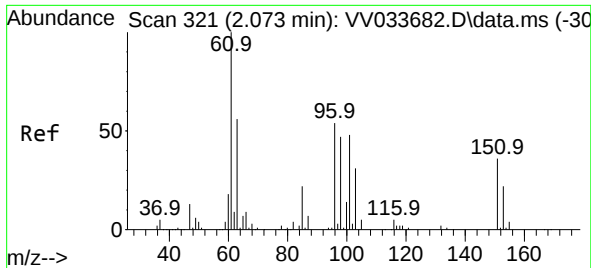
Tgt Ion: 64 Resp: 34187
Ion Ratio Lower Upper
64 100
66 30.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.353 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion:101 Resp: 75734
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1

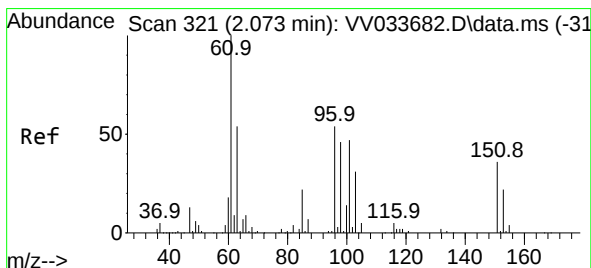
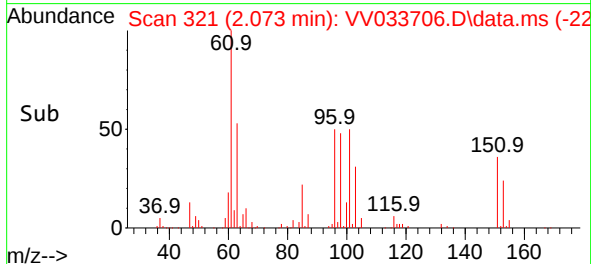
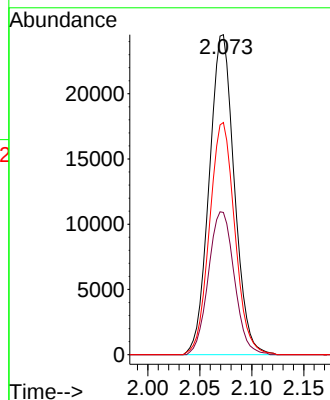
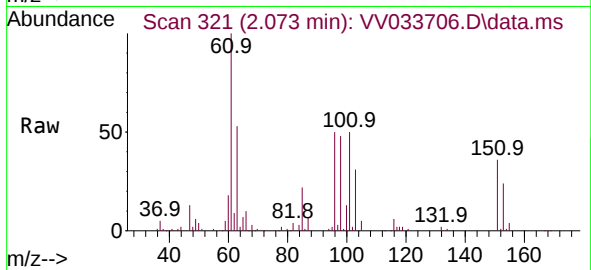




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.181 ug/L
 RT: 2.073 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

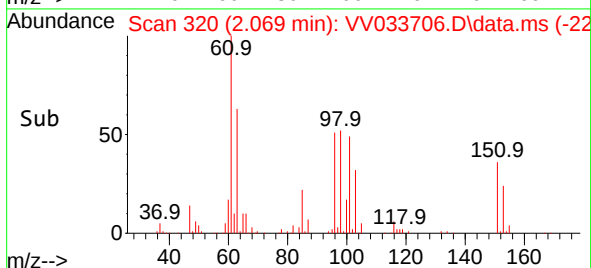
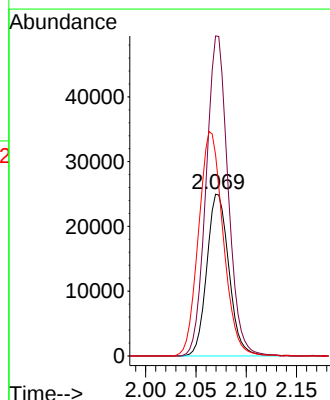
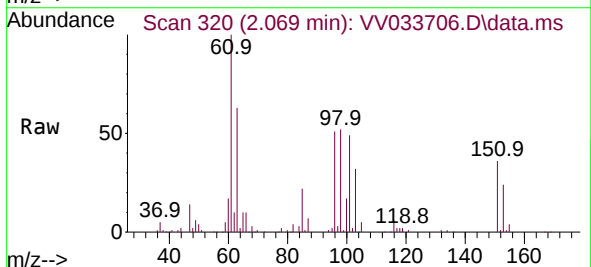
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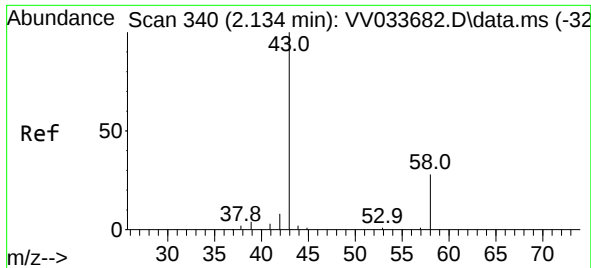
Tgt Ion:101 Resp: 41193
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.4 54.6
 151 73.3 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 4.830 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

Tgt Ion: 96 Resp: 38107
 Ion Ratio Lower Upper
 96 100
 61 197.8 133.8 248.4
 63 124.4 77.2 143.4





#13

Acetone

Concen: 36.228 ug/L

RT: 2.147 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

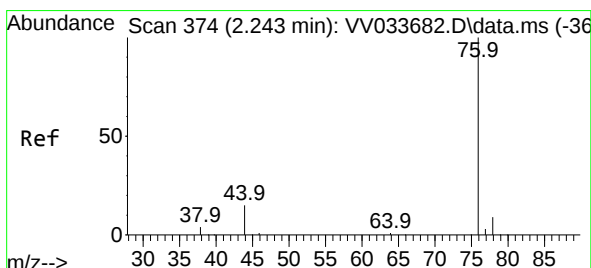
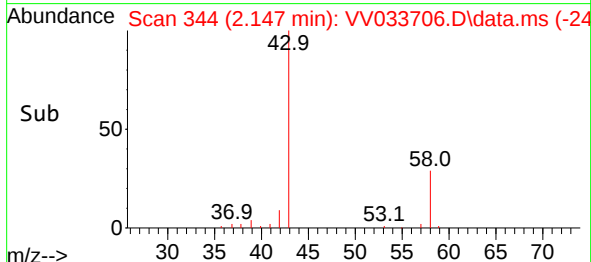
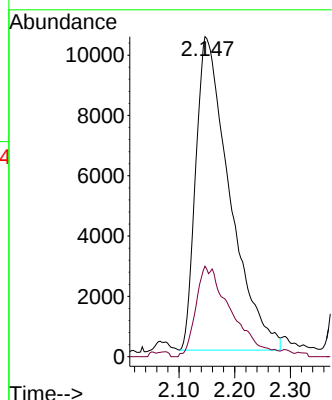
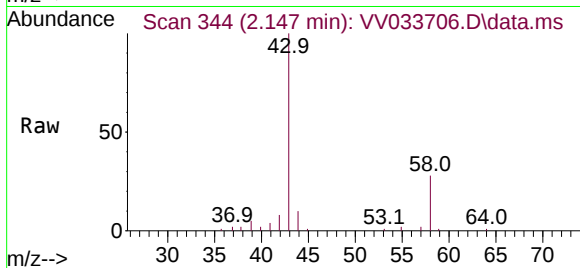
ClientSampleId :

Tgt Ion: 43 Resp: 44011

Ion Ratio Lower Upper

43 100

58 11.0 0.0 51.0



#14

Carbon disulfide

Concen: 4.692 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033706.D

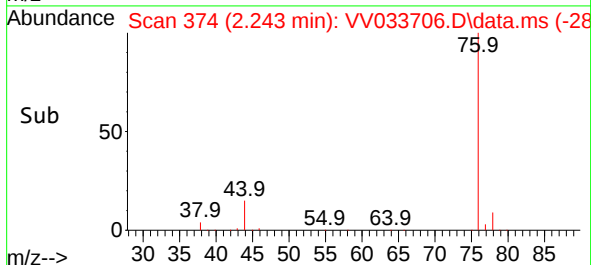
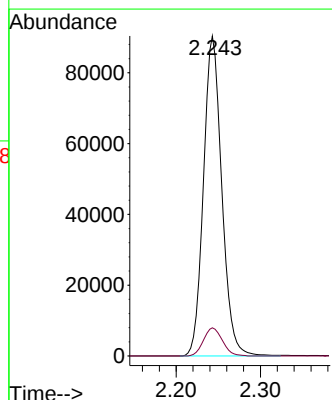
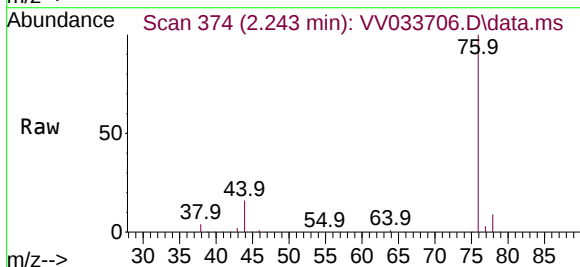
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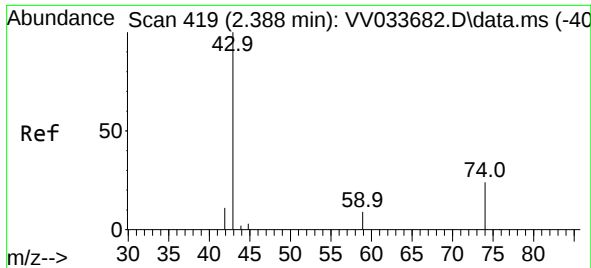
Tgt Ion: 76 Resp: 136973

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

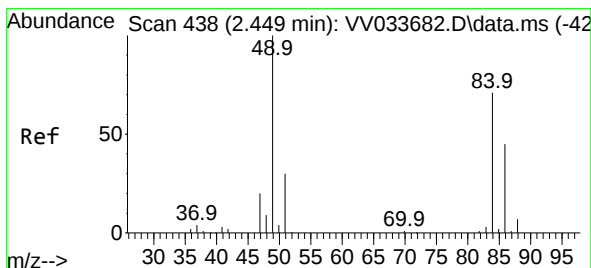
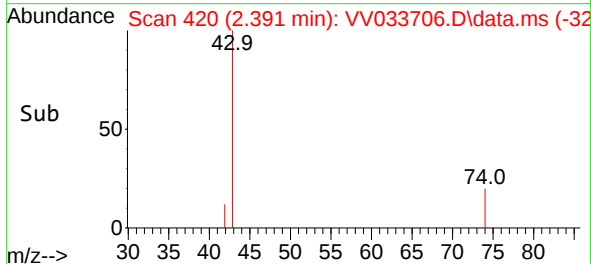
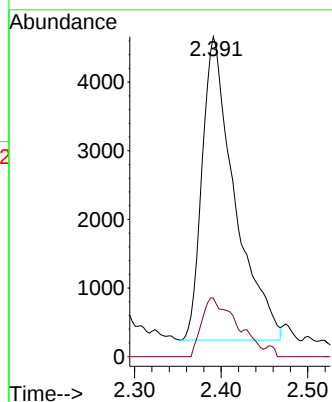
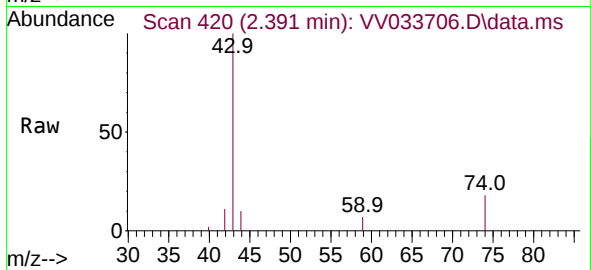




#15
Methyl Acetate
Concen: 3.964 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

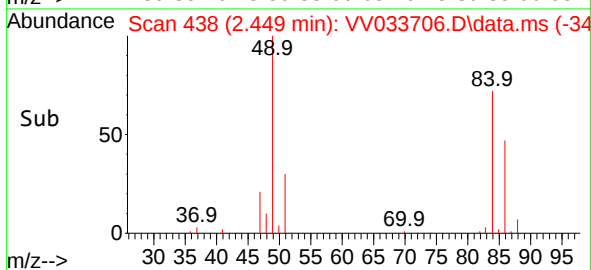
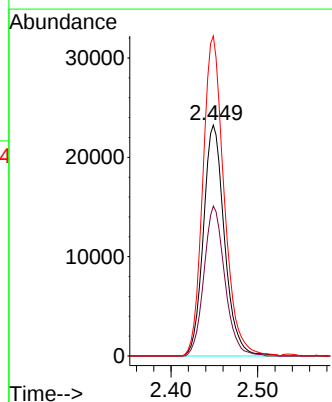
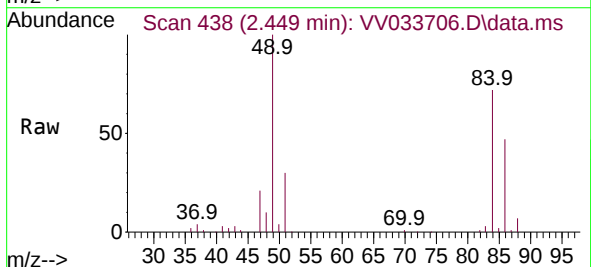
Instrument :
MSVOA_V
ClientSampleId :

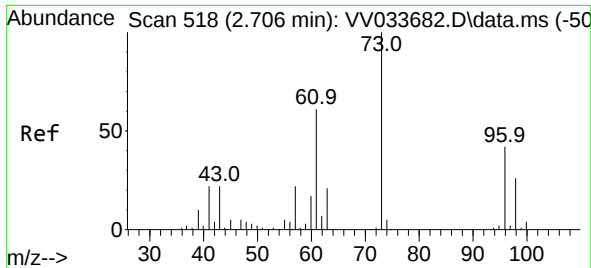
Tgt Ion: 43 Resp: 11509
Ion Ratio Lower Upper
43 100
74 17.6 16.6 24.8



#16
Methylene chloride
Concen: 4.227 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion: 84 Resp: 39359
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 138.6 100.3 186.3

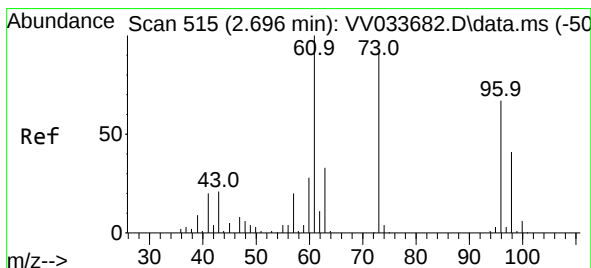
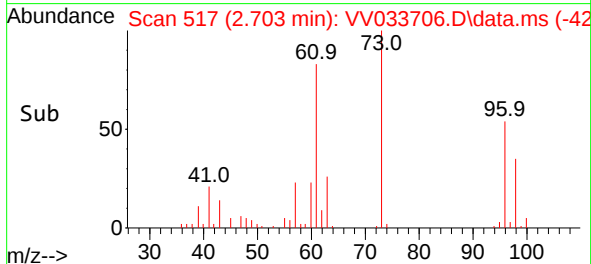
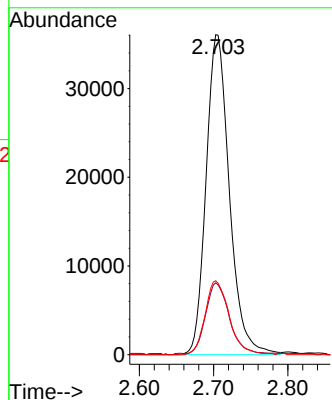
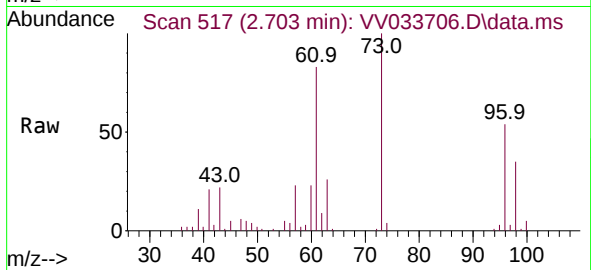




#17
Methyl tert-butyl Ether
Concen: 4.404 ug/L
RT: 2.703 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

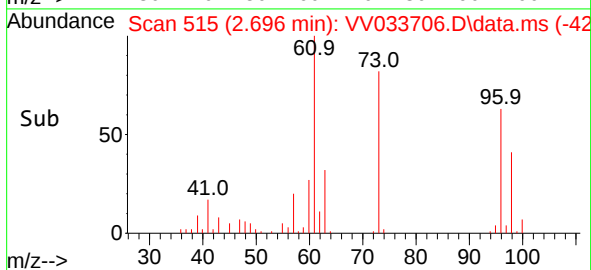
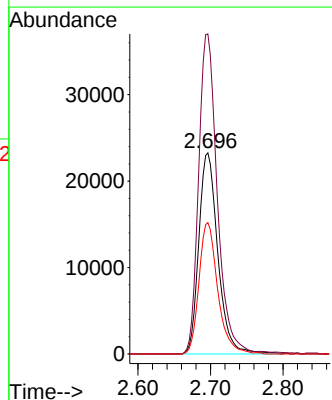
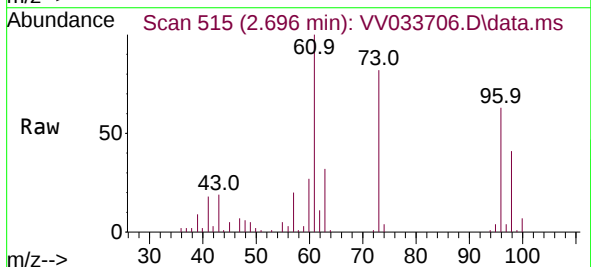
Instrument :
MSVOA_V
ClientSampleId :

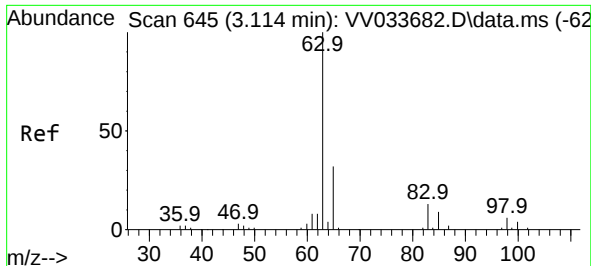
Tgt Ion: 73 Resp: 78680
Ion Ratio Lower Upper
73 100
43 22.6 17.7 26.5
57 23.9 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.766 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

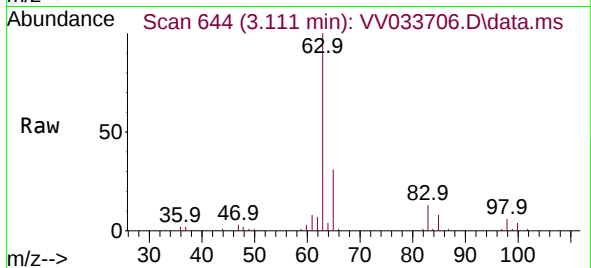
Tgt Ion: 96 Resp: 42475
Ion Ratio Lower Upper
96 100
61 159.1 110.4 205.0
98 65.3 44.1 81.9



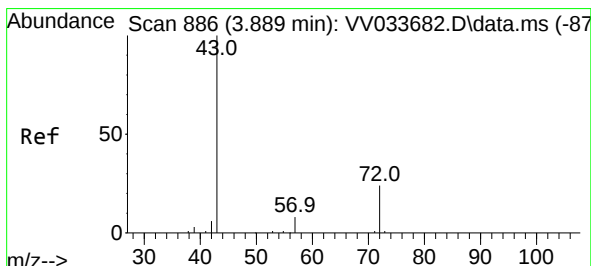
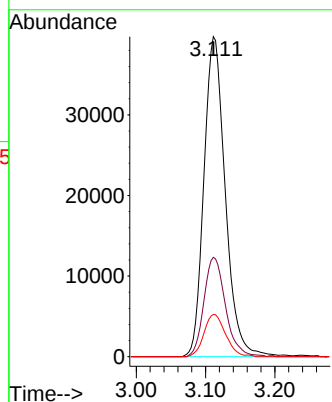
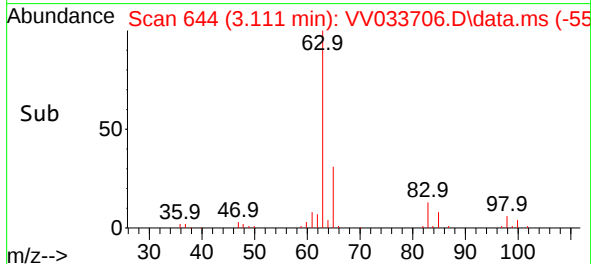


#19
1,1-Dichloroethane
Concen: 4.795 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :

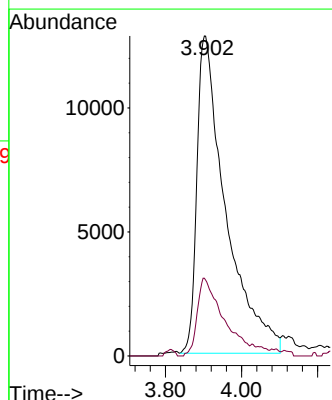
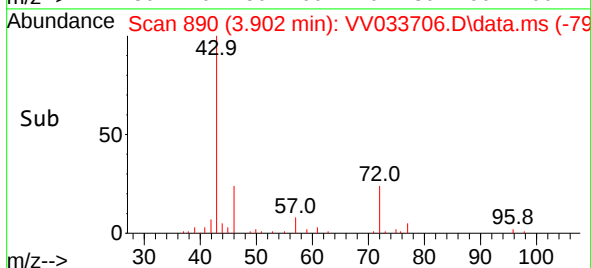
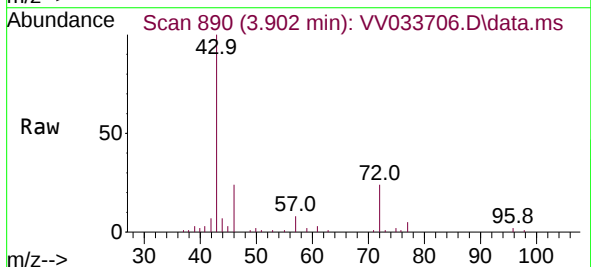


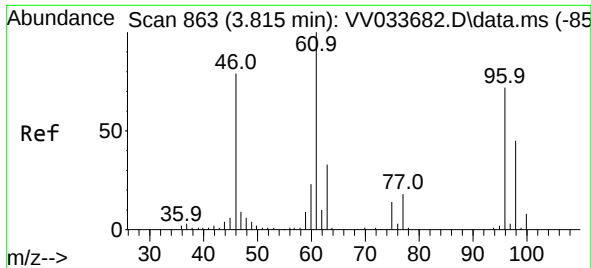
Tgt Ion: 63 Resp: 84918
Ion Ratio Lower Upper
63 100
65 31.0 21.6 40.2
83 13.2 9.1 16.9



#21
2-Butanone
Concen: 39.927 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.013 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

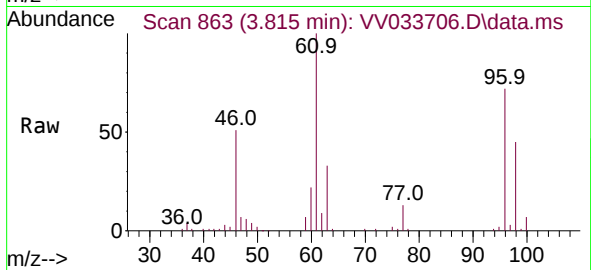
Tgt Ion: 43 Resp: 67329
Ion Ratio Lower Upper
43 100
72 22.0 10.5 31.6



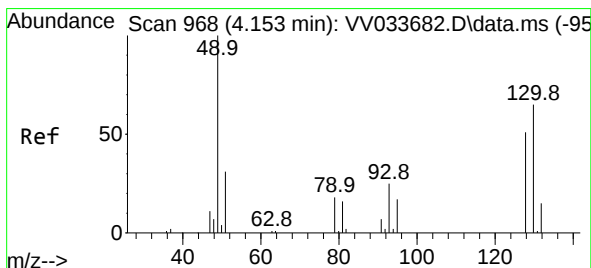
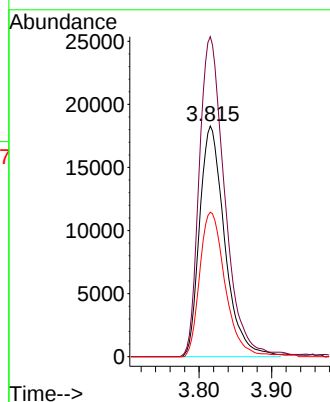
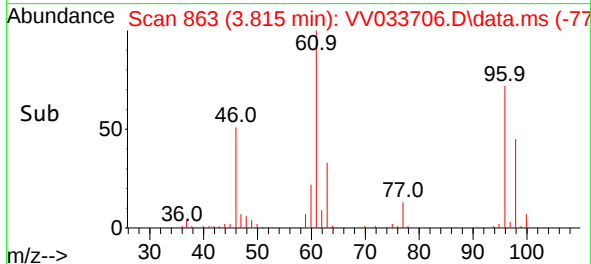


#22
 cis-1,2-Dichloroethene
 Concen: 4.720 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

Instrument :
 MSVOA_V
 ClientSampleId :

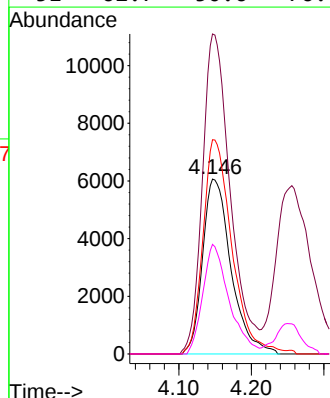
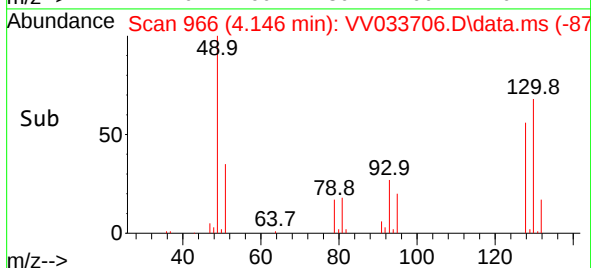
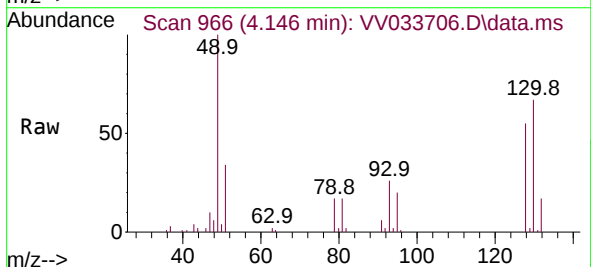


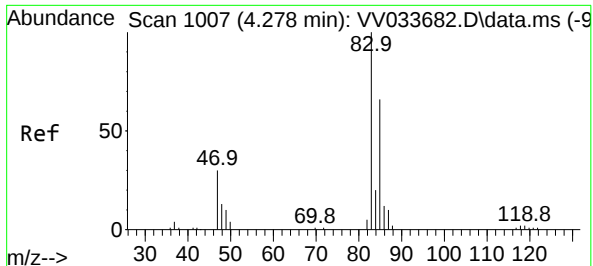
Tgt Ion: 96 Resp: 44049
 Ion Ratio Lower Upper
 96 100
 61 138.7 97.1 180.3
 98 62.6 42.6 79.0



#23
 Bromochloromethane
 Concen: 4.852 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

Tgt Ion: 128 Resp: 16515
 Ion Ratio Lower Upper
 128 100
 49 183.0 136.4 253.2
 130 122.5 87.5 162.5
 51 62.7 50.6 76.0





#25

Chloroform

Concen: 4.830 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

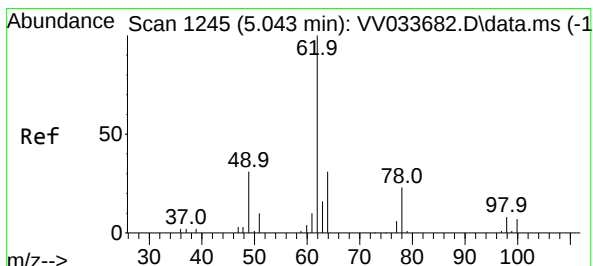
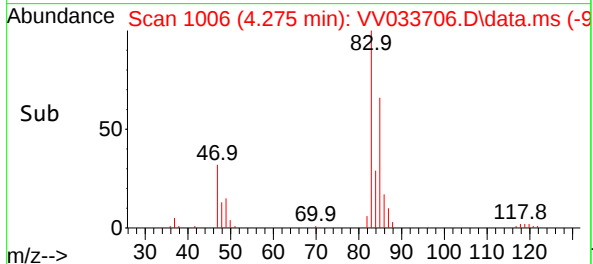
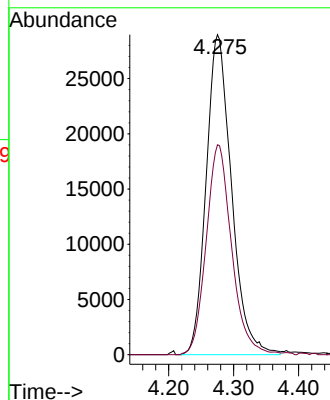
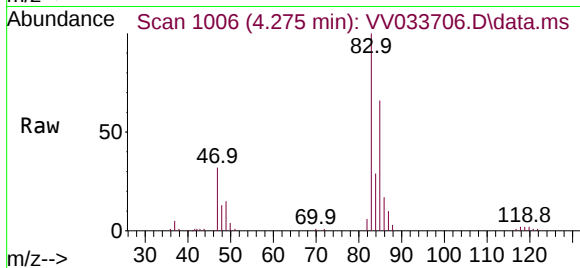
ClientSampleId :

Tgt Ion: 83 Resp: 78534

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 4.546 ug/L

RT: 5.044 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV033706.D

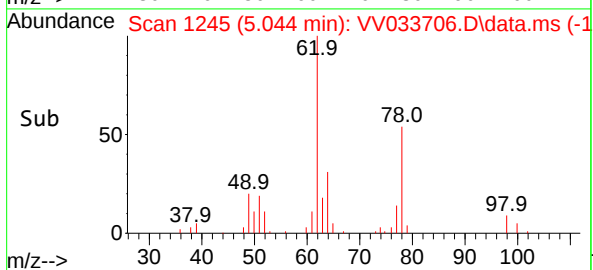
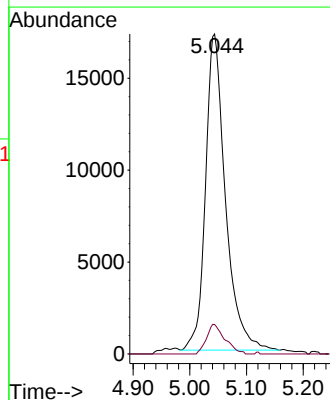
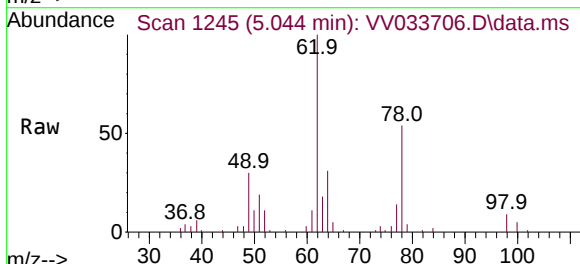
Acq: 17 Jan 2024 09:13

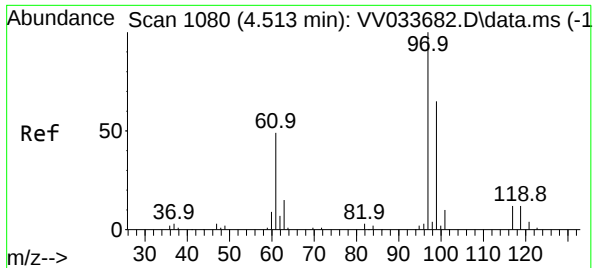
Tgt Ion: 62 Resp: 42118

Ion Ratio Lower Upper

62 100

98 9.2 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.127 ug/L

RT: 4.510 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

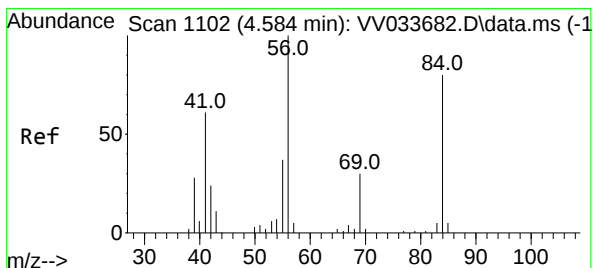
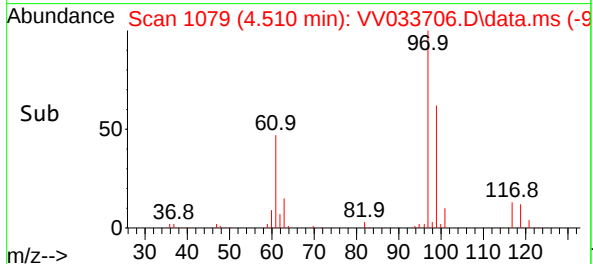
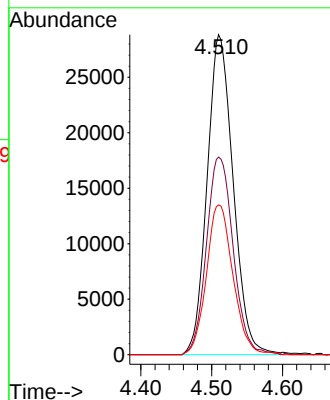
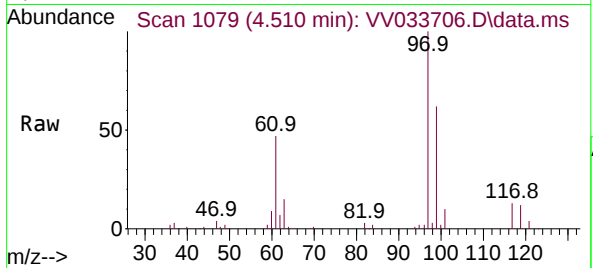
Tgt Ion: 97 Resp: 73769

Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 47.8 38.1 57.1



#30

Cyclohexane

Concen: 4.601 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

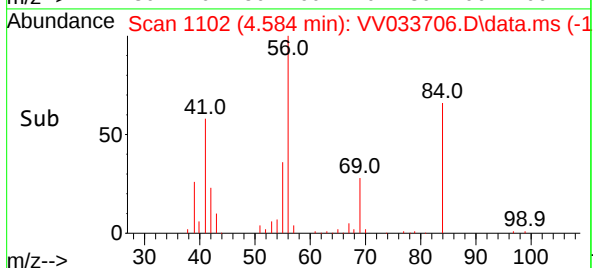
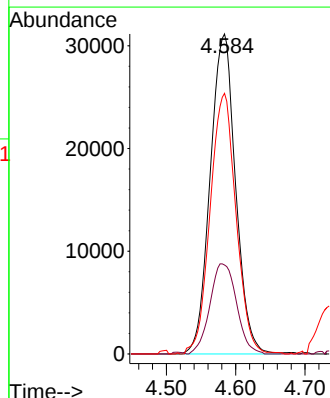
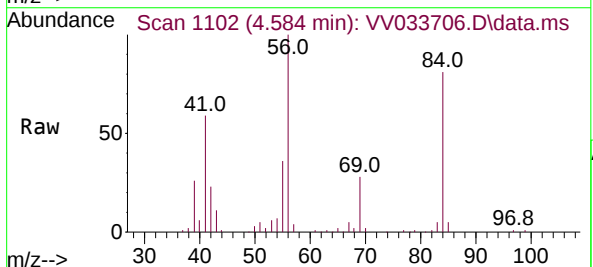
Tgt Ion: 56 Resp: 79346

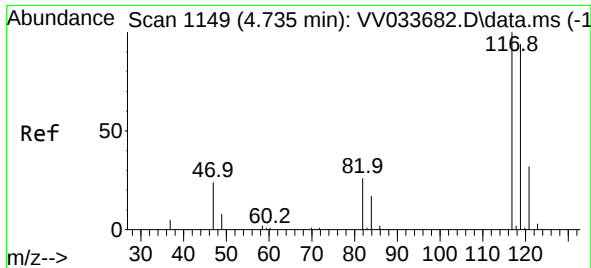
Ion Ratio Lower Upper

56 100

69 29.5 23.3 34.9

84 82.9 61.7 92.5

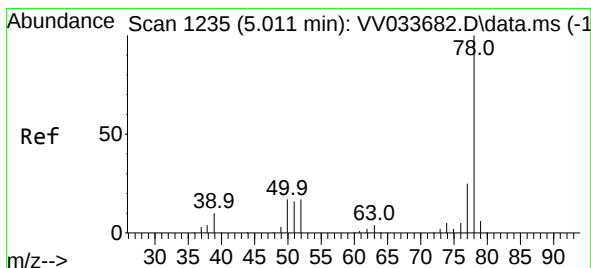
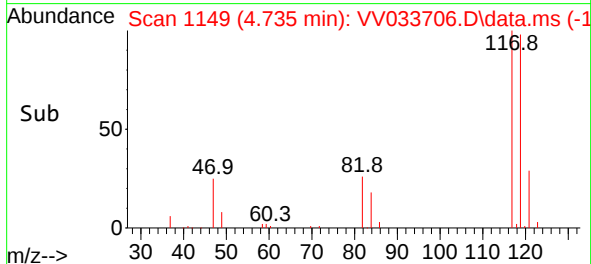
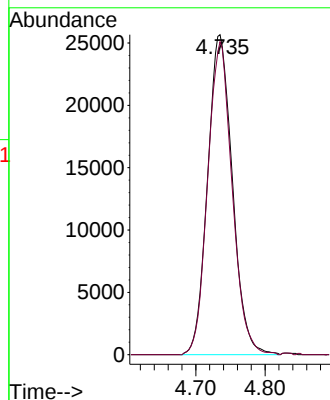
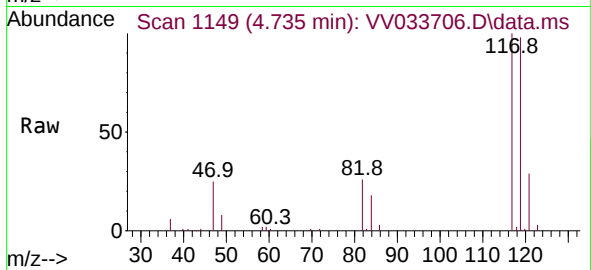




#31
Carbon tetrachloride
Concen: 5.200 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

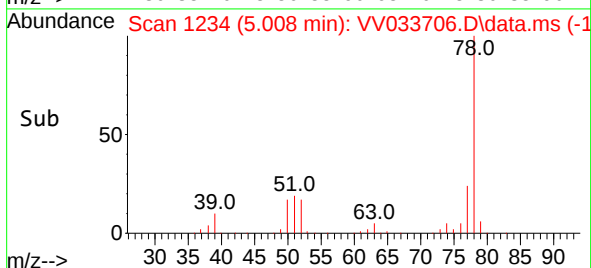
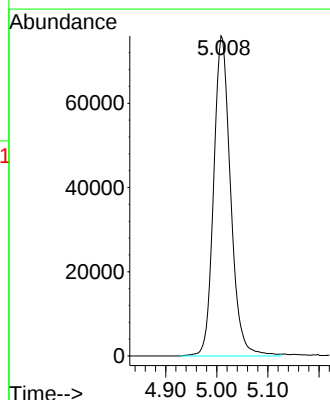
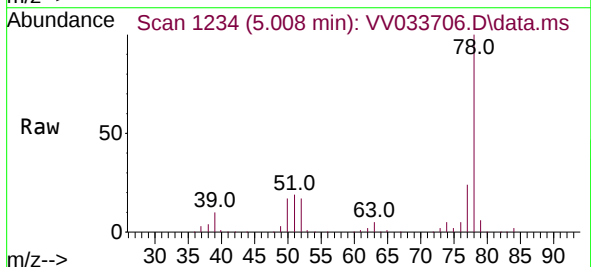
Instrument :
MSVOA_V
ClientSampleId :

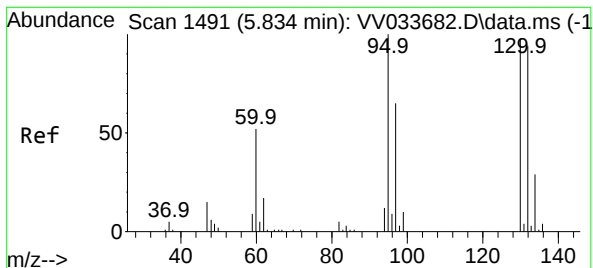
Tgt Ion:117 Resp: 63795
Ion Ratio Lower Upper
117 100
119 96.4 78.3 117.5



#33
Benzene
Concen: 4.853 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion: 78 Resp: 174845





#34

Trichloroethene

Concen: 4.843 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 46449

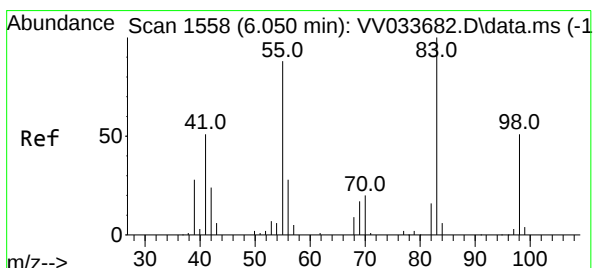
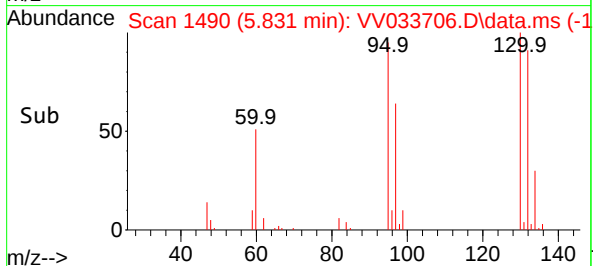
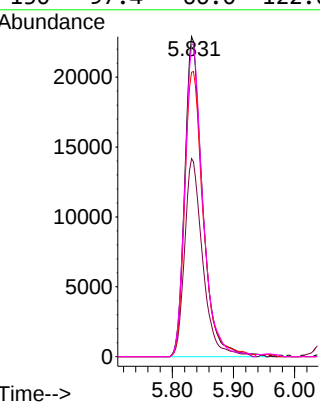
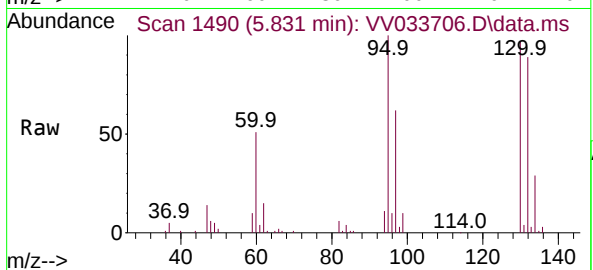
Ion Ratio Lower Upper

95 100

97 61.9 45.1 83.9

132 88.9 65.2 121.2

130 97.4 66.0 122.6



#35

Methylcyclohexane

Concen: 4.768 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

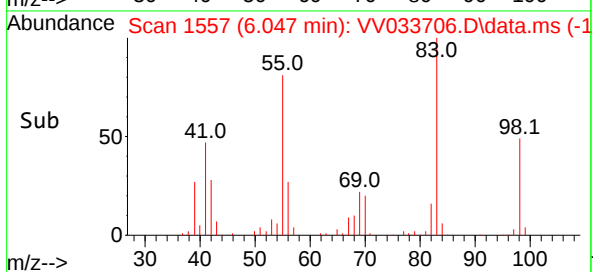
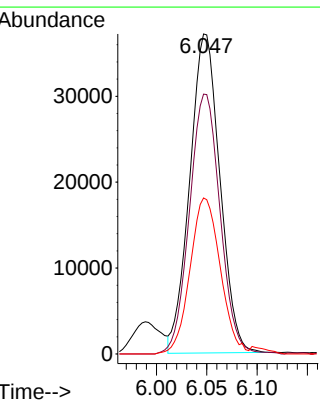
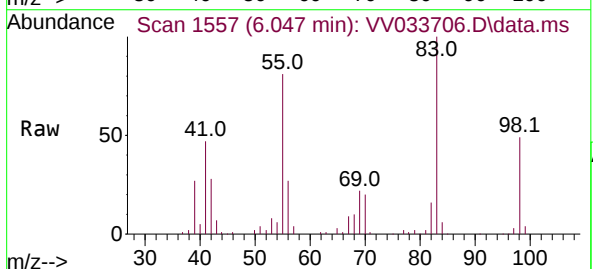
Tgt Ion: 83 Resp: 77412

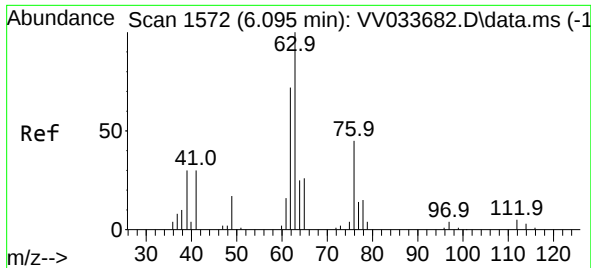
Ion Ratio Lower Upper

83 100

55 82.9 68.7 103.1

98 49.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.594 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

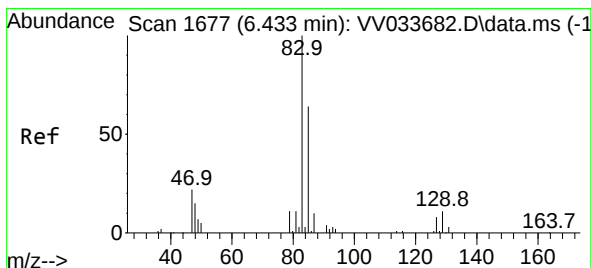
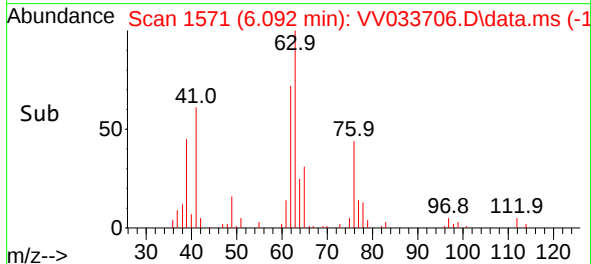
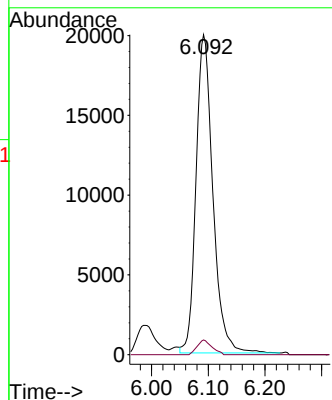
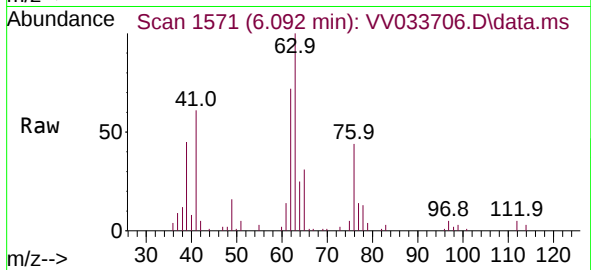
ClientSampleId :

Tgt Ion: 63 Resp: 41109

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 4.818 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

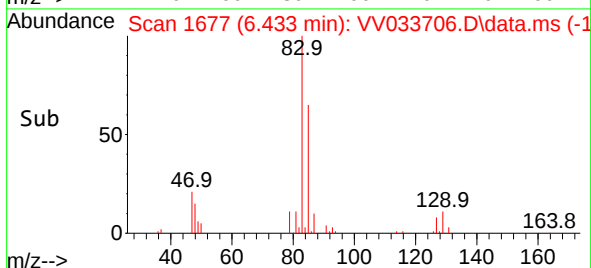
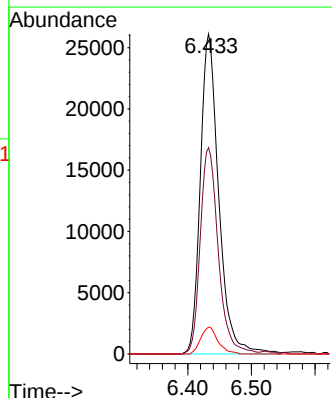
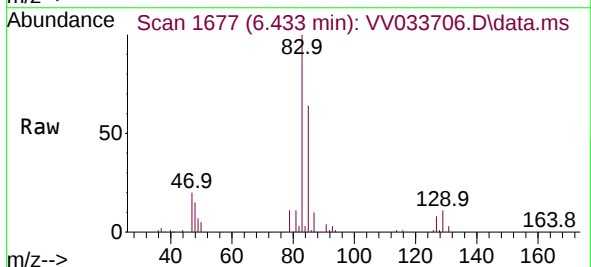
Tgt Ion: 83 Resp: 52545

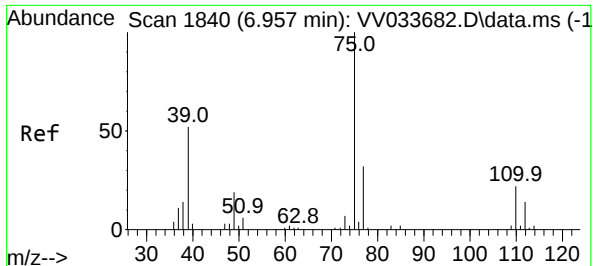
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.690 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

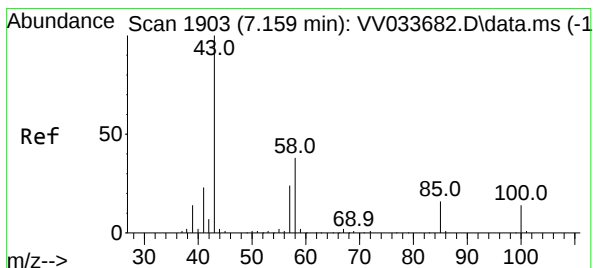
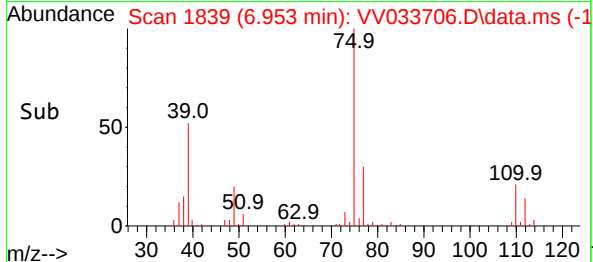
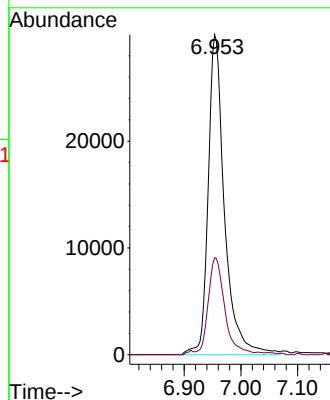
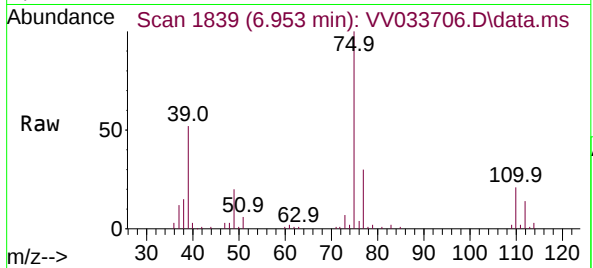
ClientSampleId :

Tgt Ion: 75 Resp: 59918

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 41.424 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

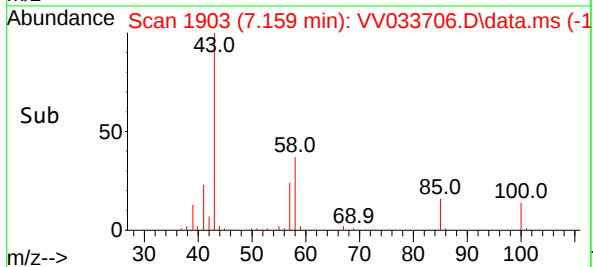
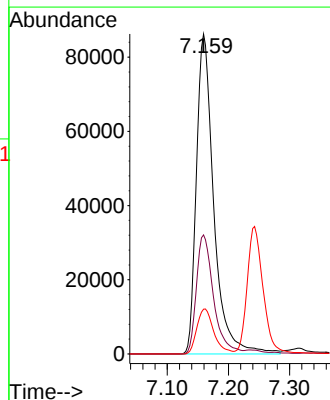
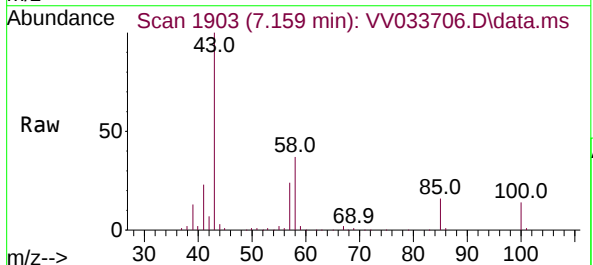
Tgt Ion: 43 Resp: 170384

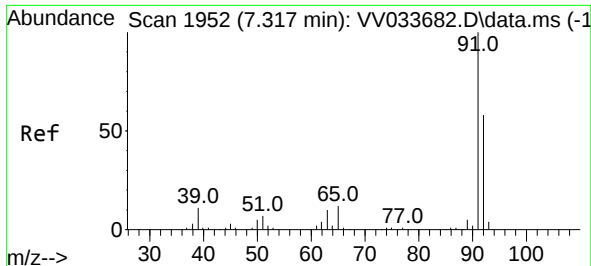
Ion Ratio Lower Upper

43 100

58 36.6 29.9 44.9

100 13.7 9.9 14.9





#42

Toluene

Concen: 4.947 ug/L

RT: 7.314 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

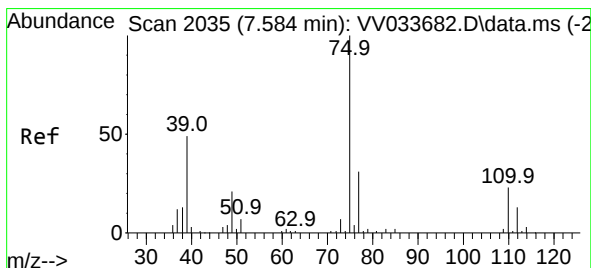
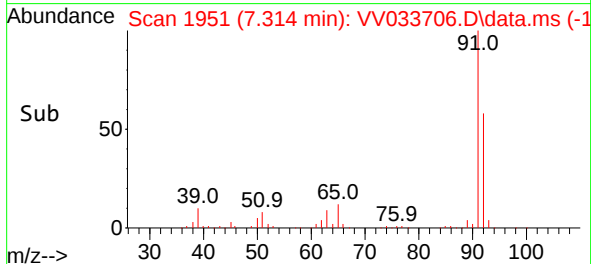
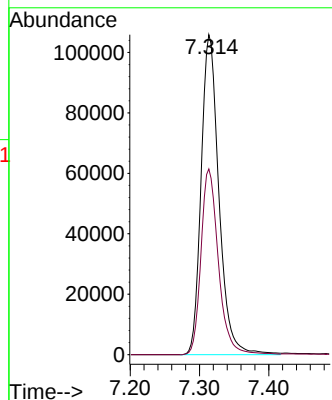
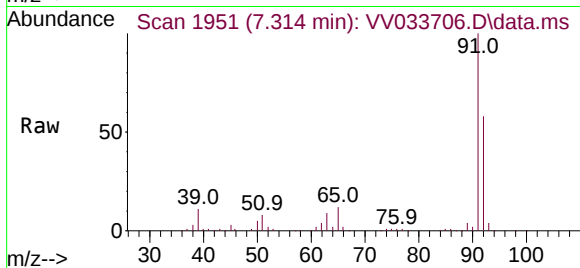
ClientSampleId :

Tgt Ion: 91 Resp: 188517

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.385 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033706.D

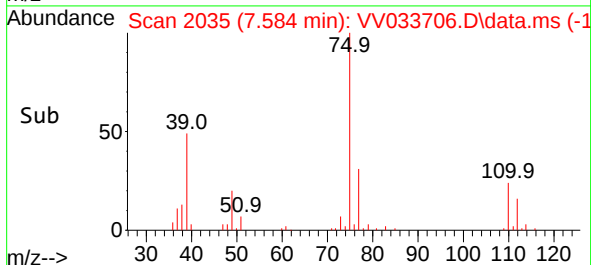
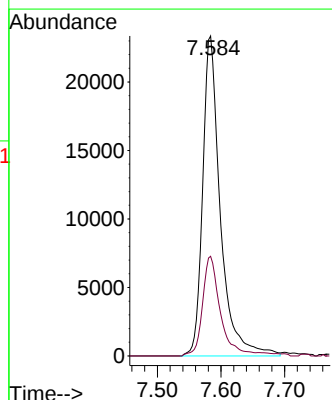
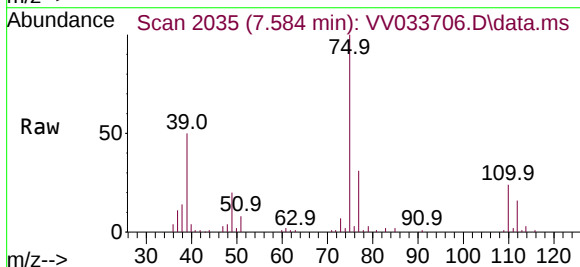
Acq: 17 Jan 2024 09:13

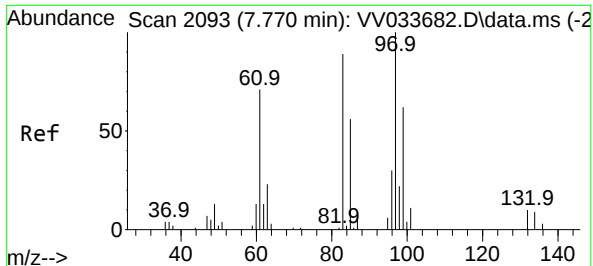
Tgt Ion: 75 Resp: 45154

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.444 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 22090

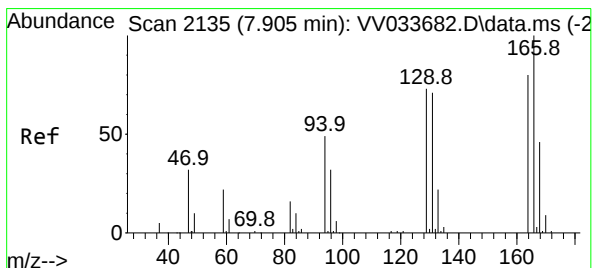
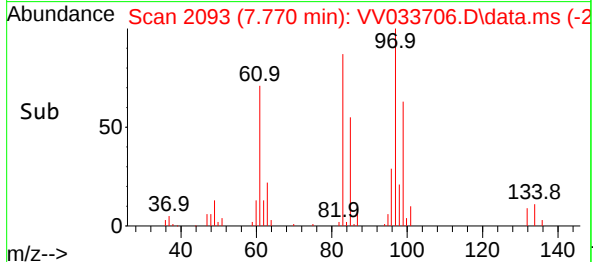
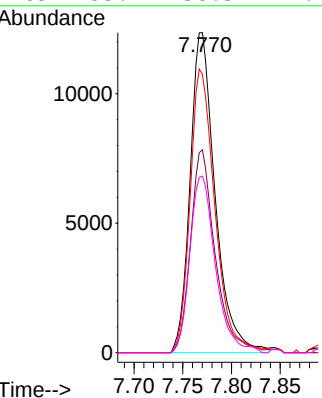
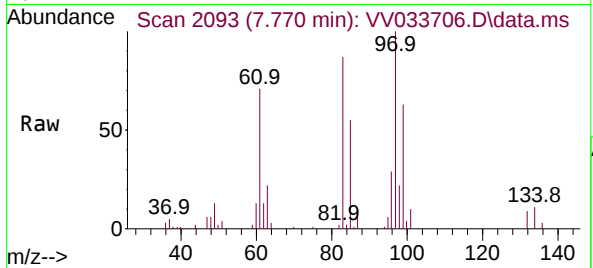
Ion Ratio Lower Upper

97 100

99 63.4 44.9 83.3

83 87.0 60.5 112.3

85 55.2 38.3 71.1



#47

Tetrachloroethene

Concen: 5.191 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Tgt Ion:164 Resp: 35774

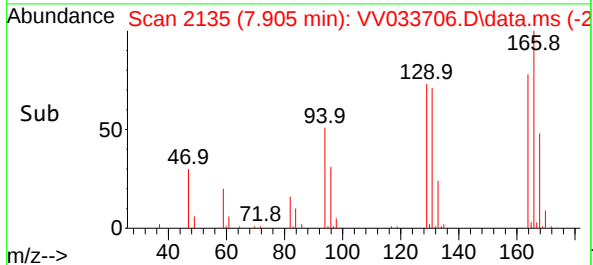
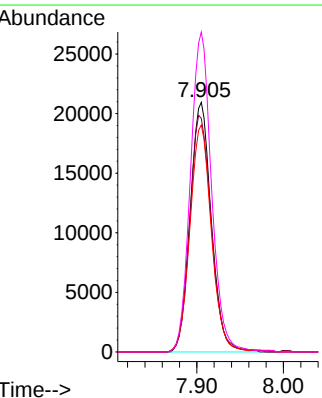
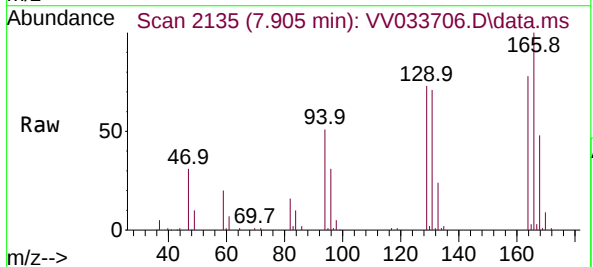
Ion Ratio Lower Upper

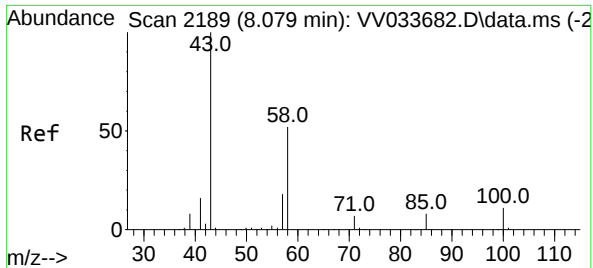
164 100

129 93.6 67.1 124.7

131 90.9 65.0 120.6

166 128.2 90.8 168.6



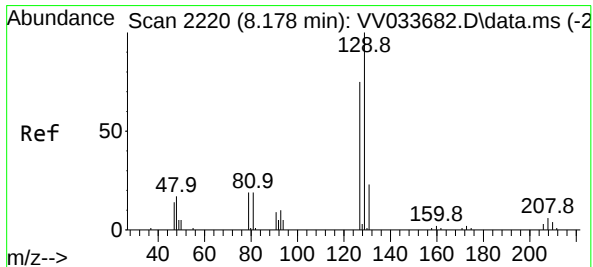
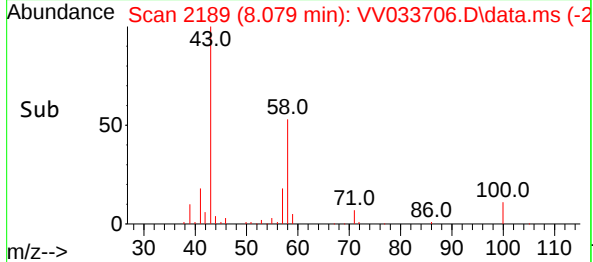
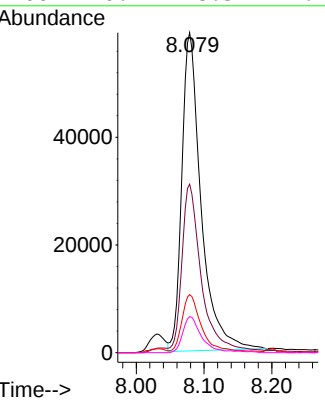
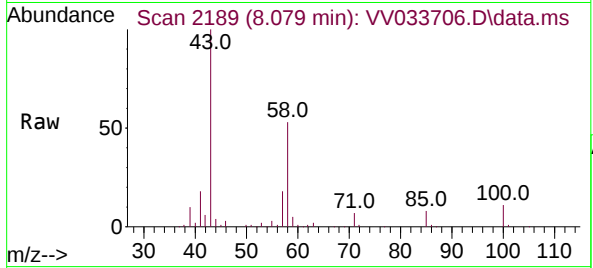


#48
2-Hexanone
Concen: 38.787 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 116875

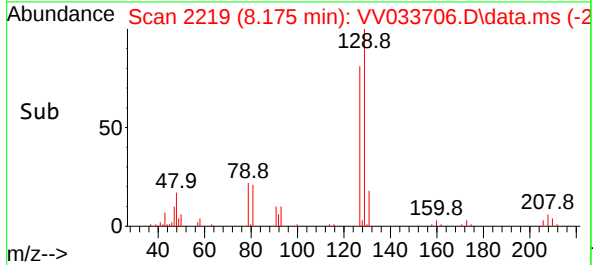
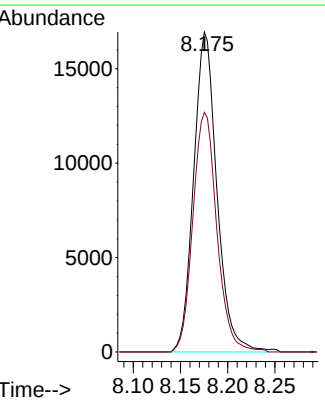
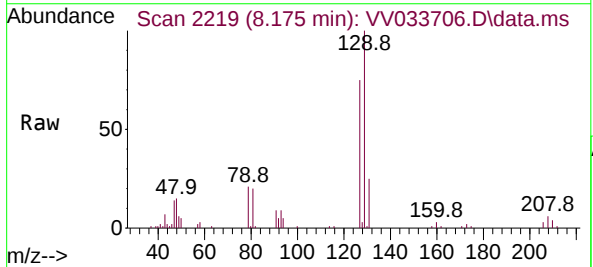
Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.6	61.0
57	17.6	13.8	20.8
100	10.7	8.5	12.7

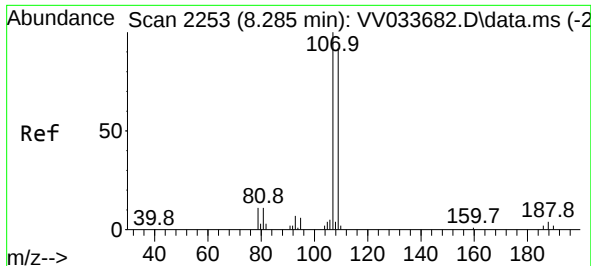


#49
Dibromochloromethane
Concen: 4.688 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion: 129 Resp: 29014

Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.6	99.6

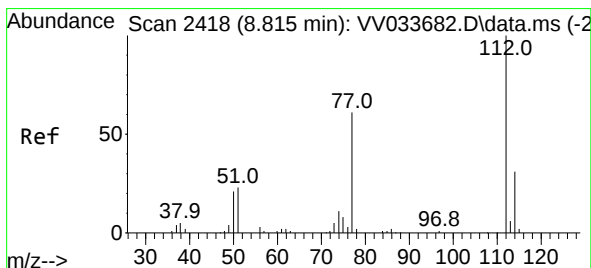
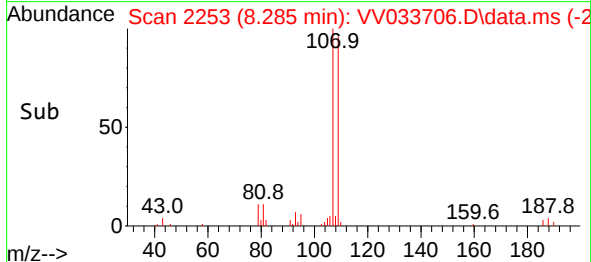
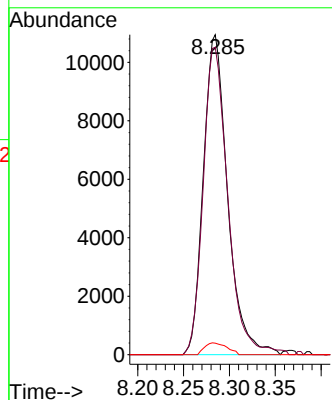
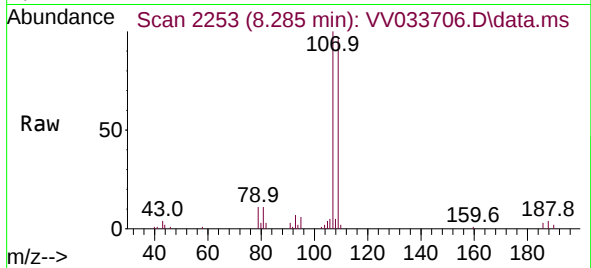




#50
1,2-Dibromoethane
Concen: 4.404 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

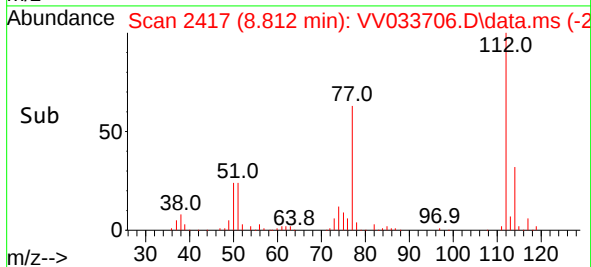
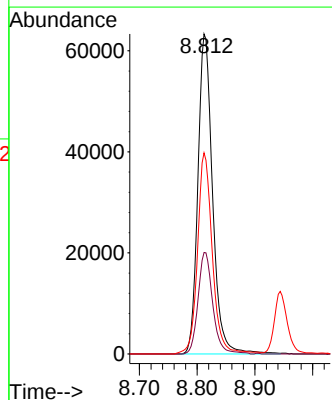
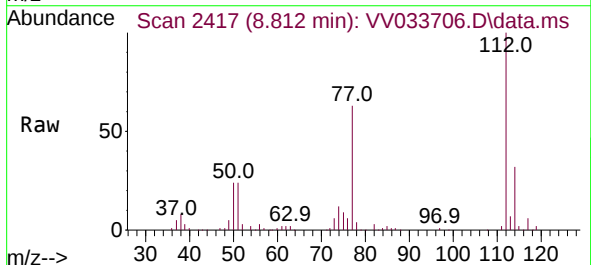
Instrument :
MSVOA_V
ClientSampleId :

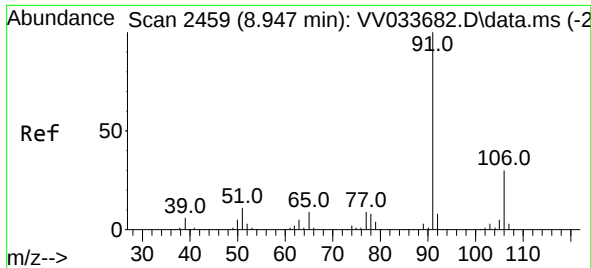
Tgt Ion:107 Resp: 20208
Ion Ratio Lower Upper
107 100
109 96.1 64.0 118.8
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 4.795 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion:112 Resp: 111921
Ion Ratio Lower Upper
112 100
114 31.7 22.9 42.5
77 62.9 50.8 76.2

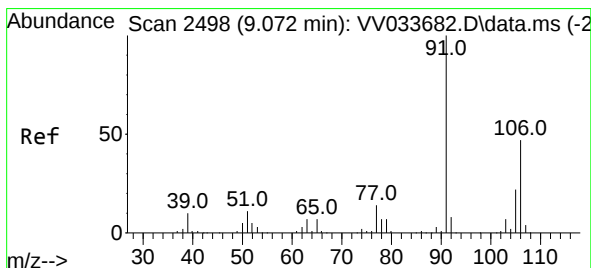
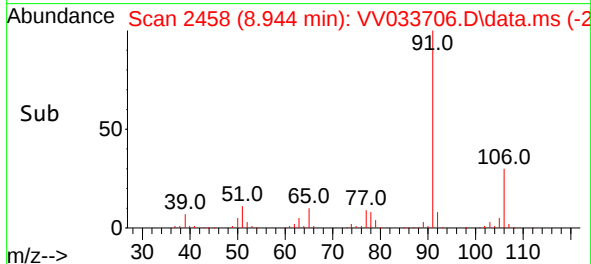
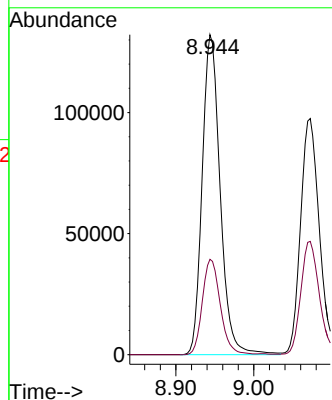
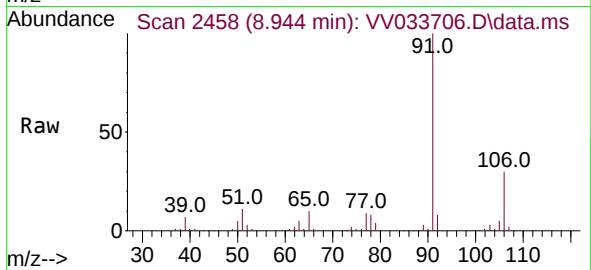




#52
Ethylbenzene
Concen: 4.799 ug/L
RT: 8.944 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

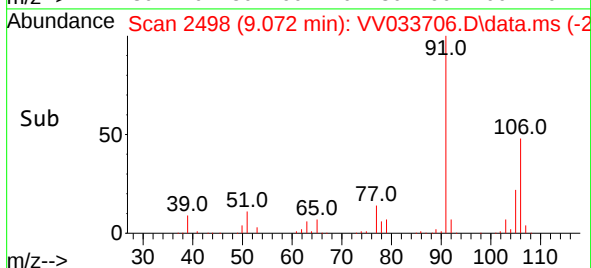
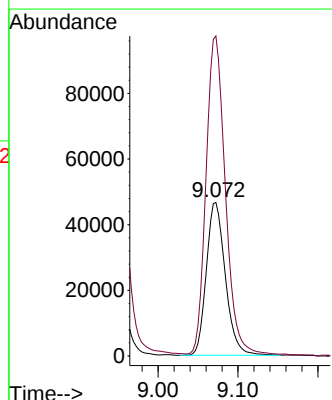
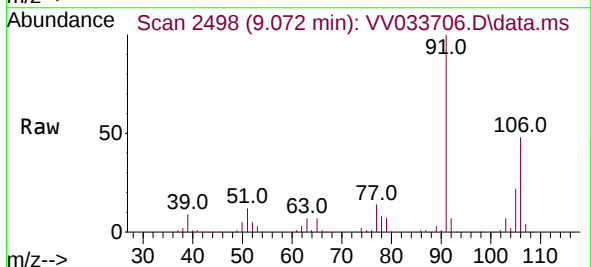
Instrument :
MSVOA_V
ClientSampleId :

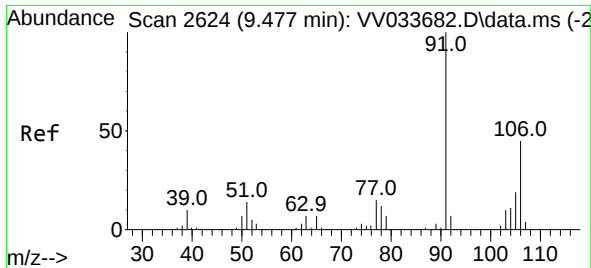
Tgt Ion: 91 Resp: 211971
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.4



#53
m,p-Xylene
Concen: 4.745 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion: 106 Resp: 77216
Ion Ratio Lower Upper
106 100
91 208.3 146.2 271.4

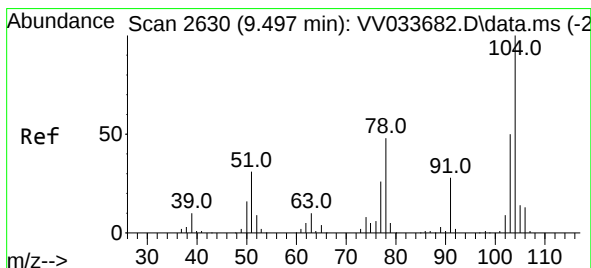
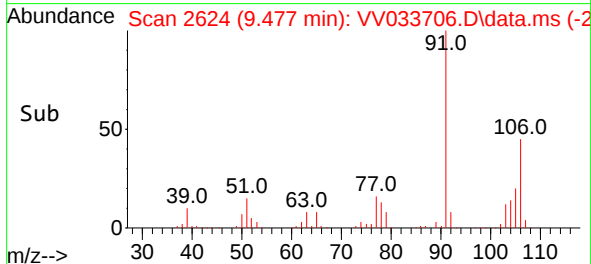
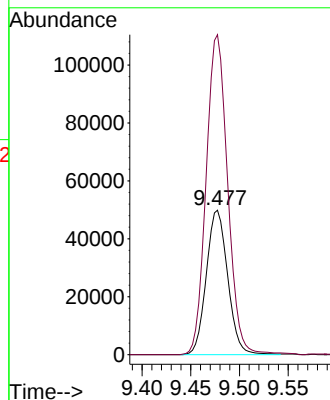
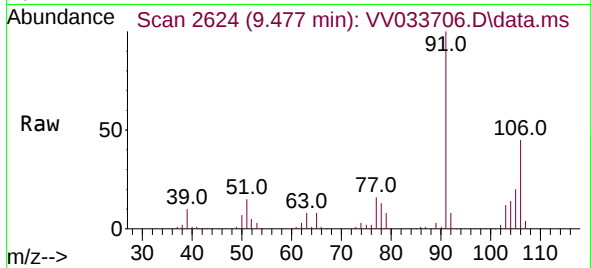




#54
o-Xylene
Concen: 4.822 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

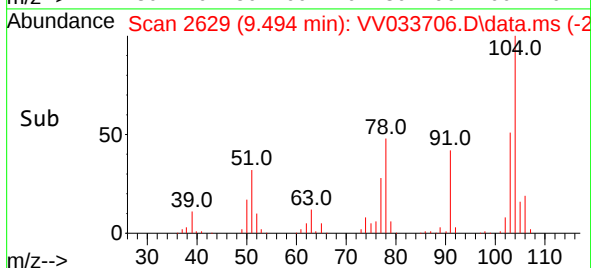
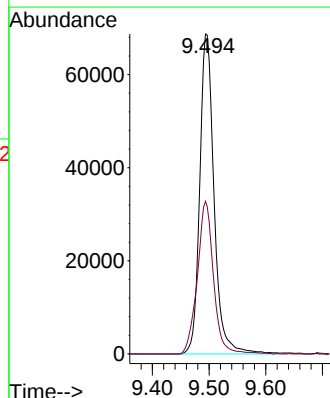
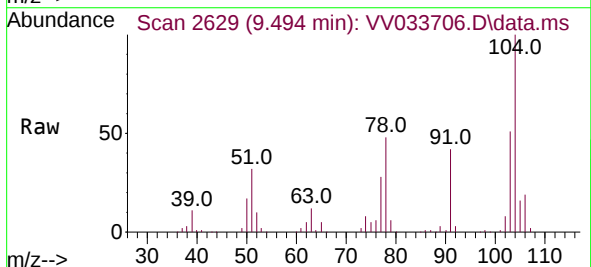
Instrument :
MSVOA_V
ClientSampleId :

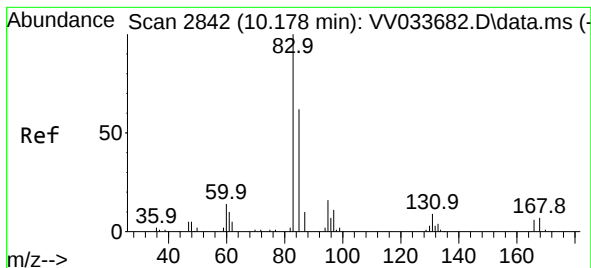
Tgt Ion:106 Resp: 76368
Ion Ratio Lower Upper
106 100
91 221.4 156.0 289.6



#55
Styrene
Concen: 4.794 ug/L
RT: 9.494 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion:104 Resp: 121006
Ion Ratio Lower Upper
104 100
78 47.7 33.1 61.5

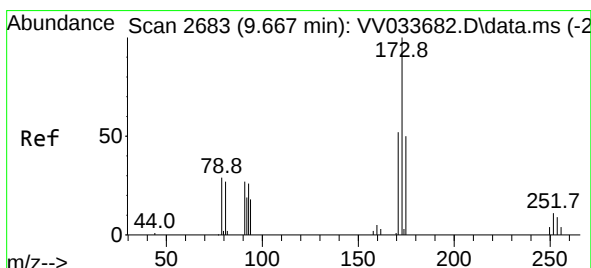
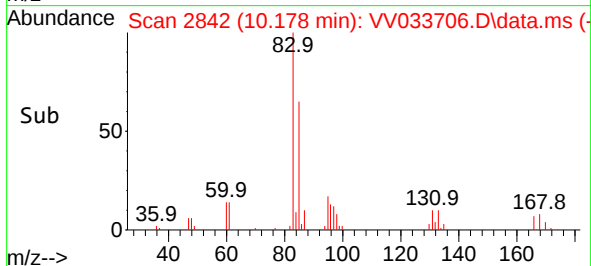
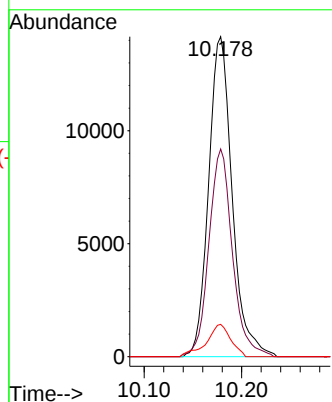
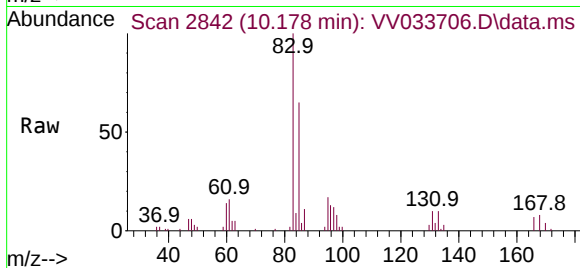




#57
1,1,2,2-Tetrachloroethane
Concen: 4.363 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

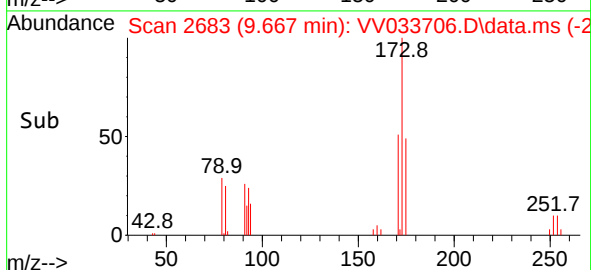
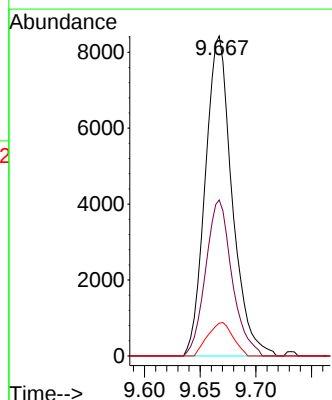
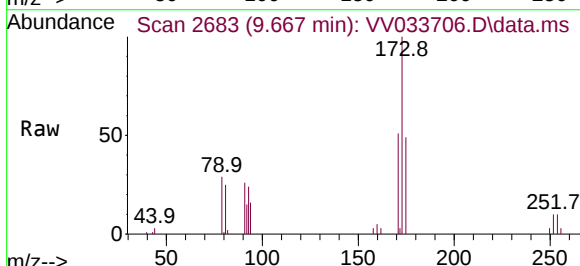
Instrument :
MSVOA_V
ClientSampleId :

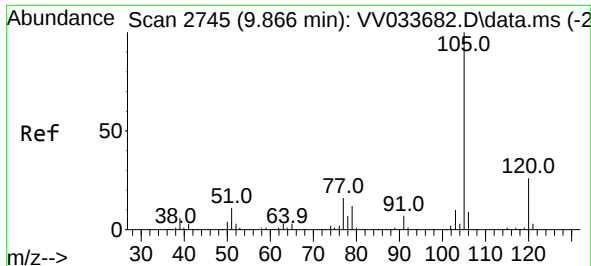
Tgt Ion: 83 Resp: 23803
Ion Ratio Lower Upper
83 100
85 64.9 43.5 80.7
131 10.1 7.4 11.0



#59
Bromoform
Concen: 4.573 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion: 173 Resp: 14112
Ion Ratio Lower Upper
173 100
175 48.0 38.8 58.2
254 9.8 7.5 11.3

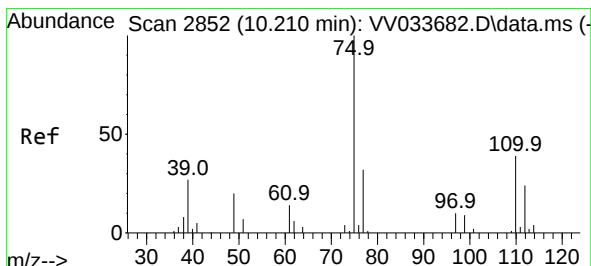
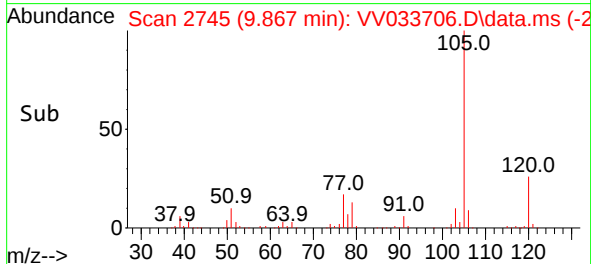
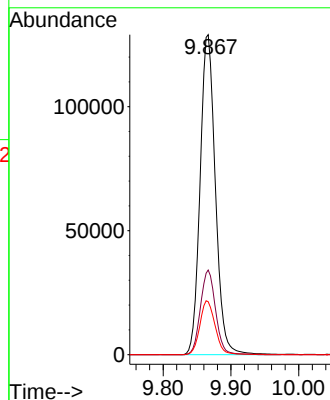
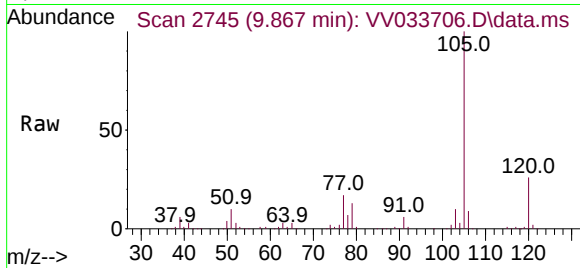




#60
Isopropylbenzene
Concen: 4.992 ug/L
RT: 9.867 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

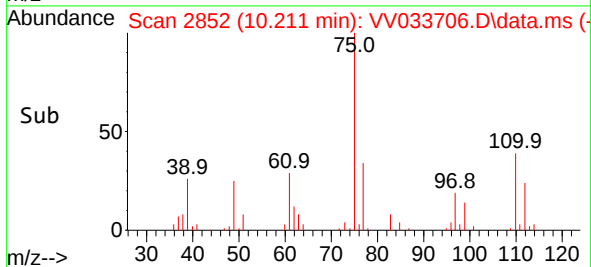
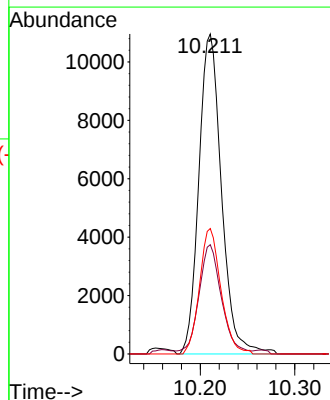
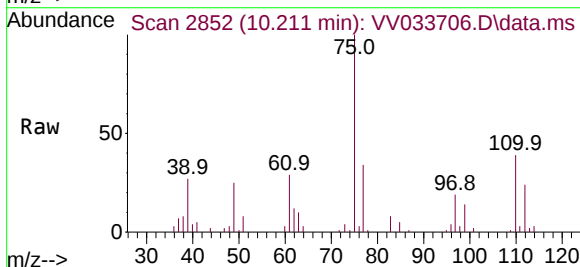
Instrument :
MSVOA_V
ClientSampleId :

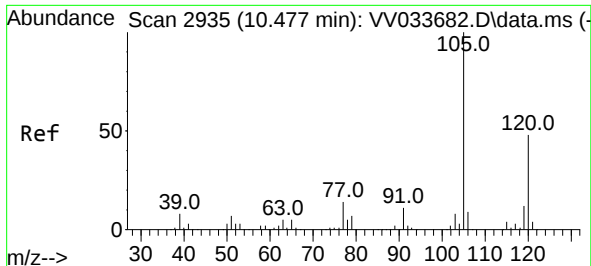
Tgt Ion:105 Resp: 201921
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 16.8 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.449 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion: 75 Resp: 18235
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
110 37.0 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.001 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV033706.D

Acq: 17 Jan 2024 09:13

Instrument :

MSVOA_V

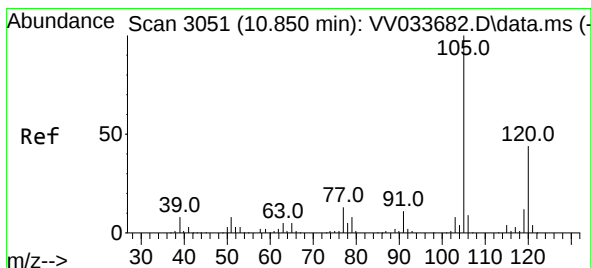
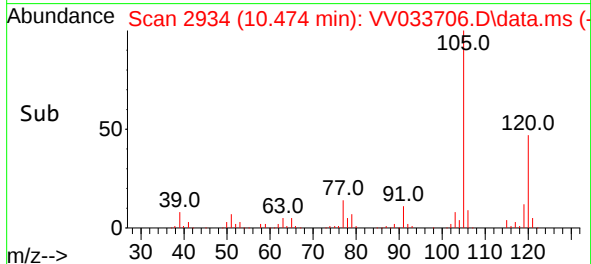
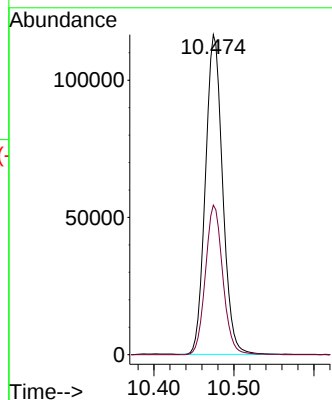
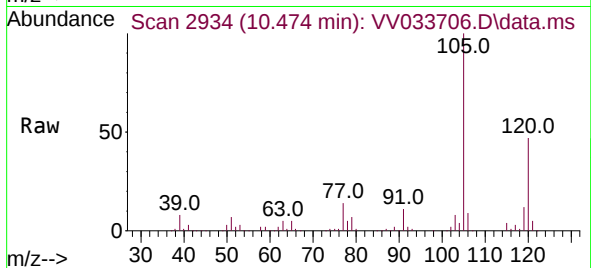
ClientSampleId :

Tgt Ion:105 Resp: 174795

Ion Ratio Lower Upper

105 100

120 47.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.969 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033706.D

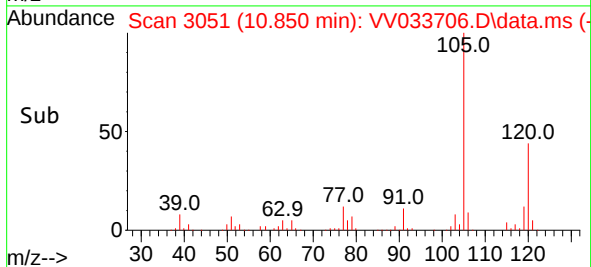
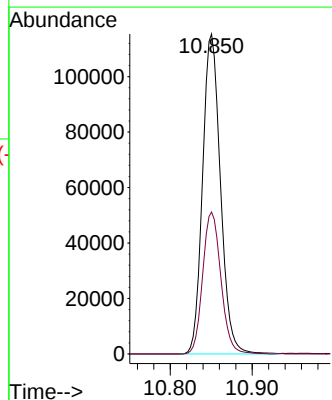
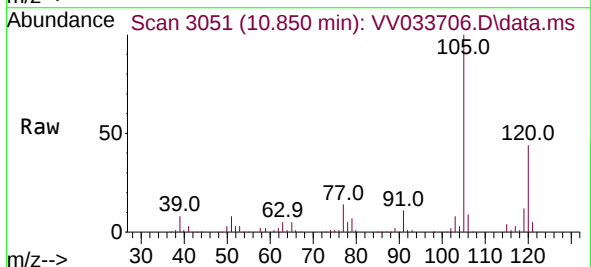
Acq: 17 Jan 2024 09:13

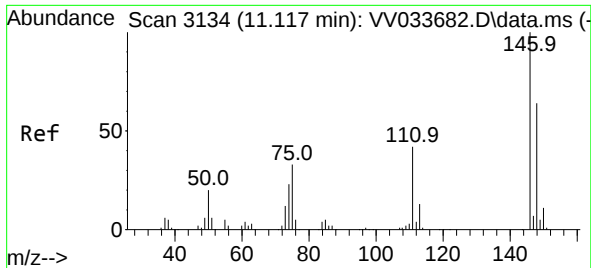
Tgt Ion:105 Resp: 175336

Ion Ratio Lower Upper

105 100

120 45.1 35.5 53.3

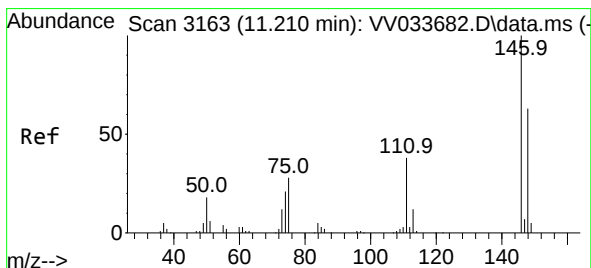
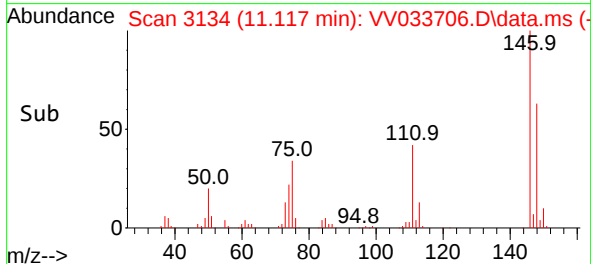
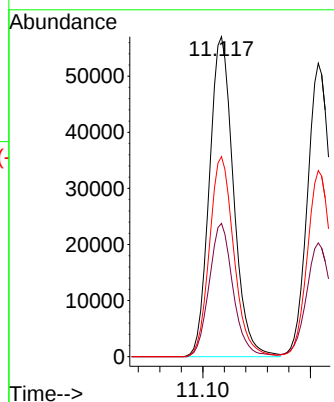
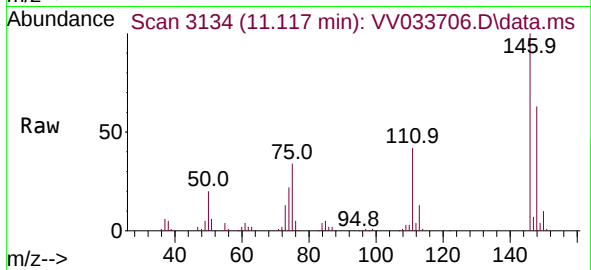




#64
1,3-Dichlorobenzene
Concen: 4.969 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

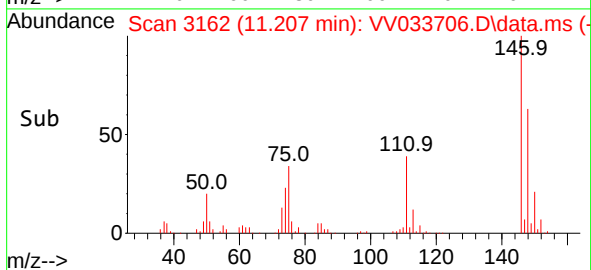
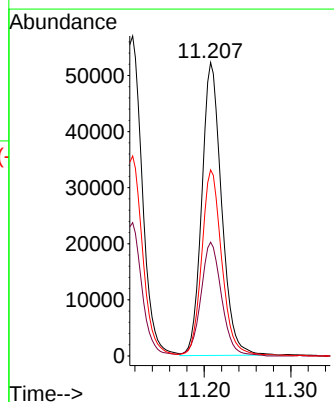
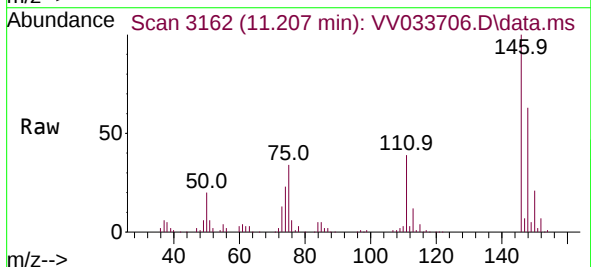
Instrument :
MSVOA_V
ClientSampleId :

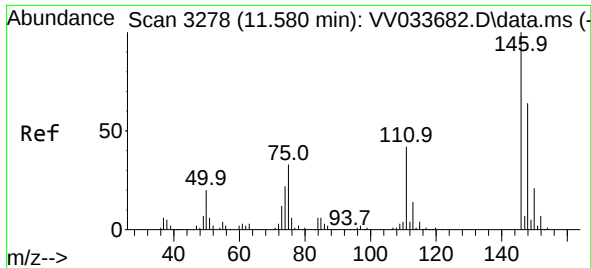
Tgt Ion:146 Resp: 88891
Ion Ratio Lower Upper
146 100
111 41.6 29.2 54.2
148 62.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.748 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

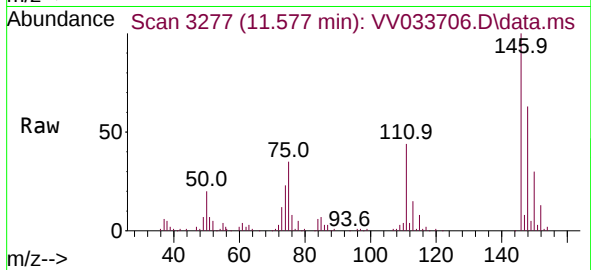
Tgt Ion:146 Resp: 83169
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 63.4 43.3 80.5



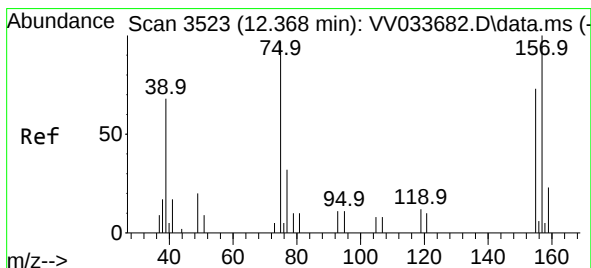
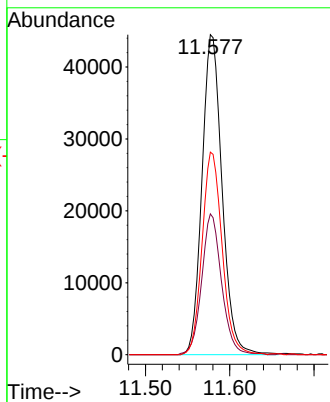
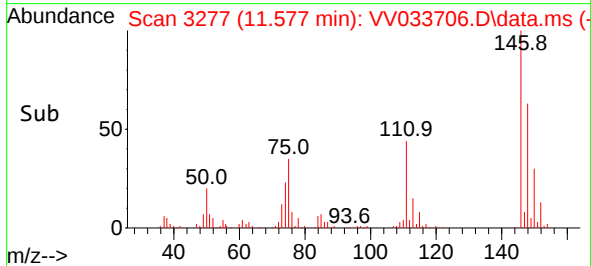


#67
1,2-Dichlorobenzene
Concen: 4.759 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

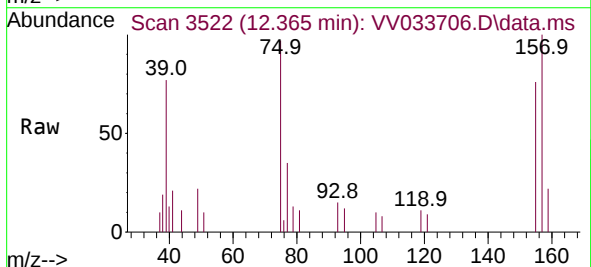
Instrument :
MSVOA_V
ClientSampleId :



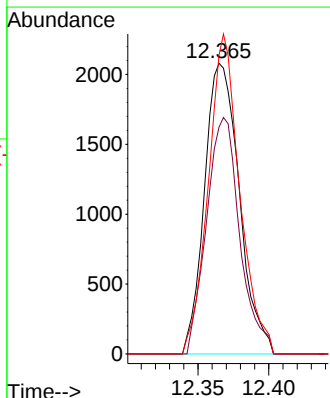
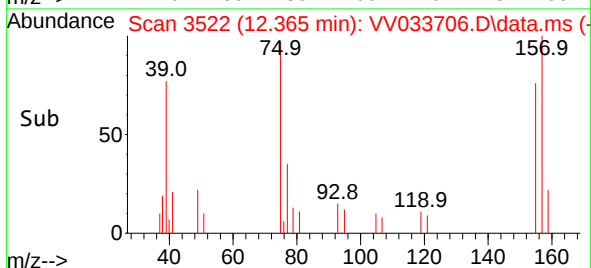
Tgt Ion:146 Resp: 73994
Ion Ratio Lower Upper
146 100
111 44.0 36.1 54.1
148 63.3 52.2 78.2

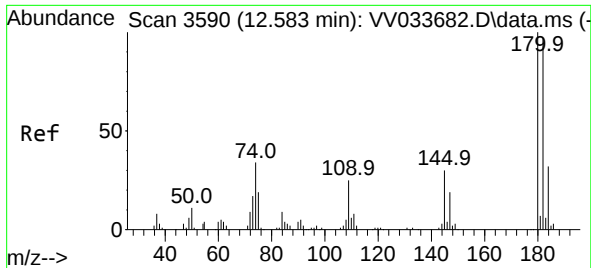


#68
1,2-Dibromo-3-chloropropane
Concen: 3.943 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13



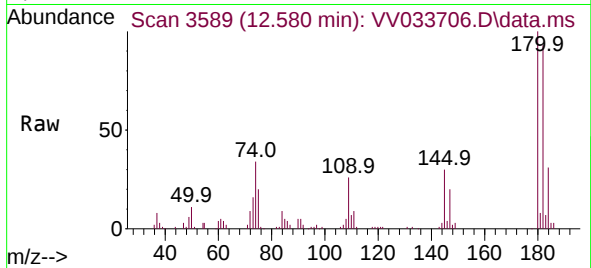
Tgt Ion: 75 Resp: 3552
Ion Ratio Lower Upper
75 100
155 77.9 65.3 97.9
157 102.7 75.4 113.0



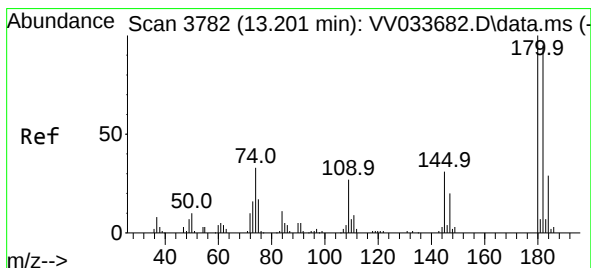
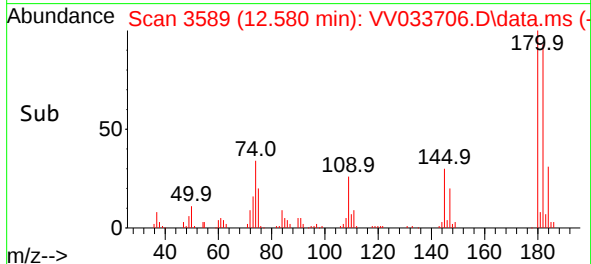
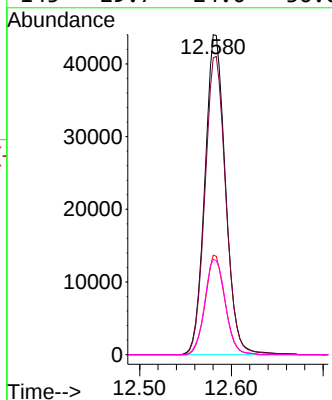


#69
 1,3,5-Trichlorobenzene
 Concen: 4.950 ug/L
 RT: 12.580 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

Instrument :
 MSVOA_V
 ClientSampleId :

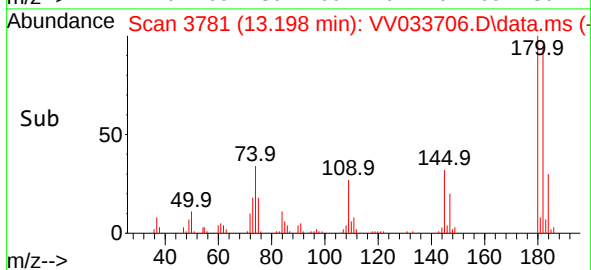
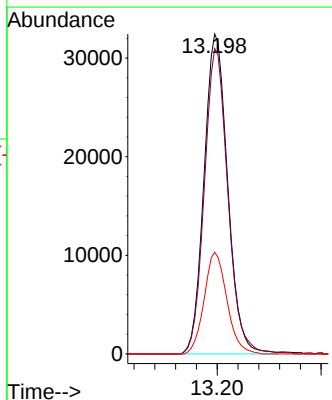
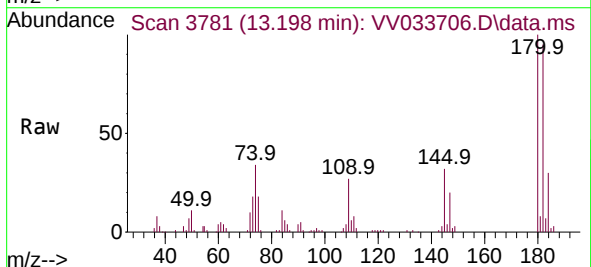


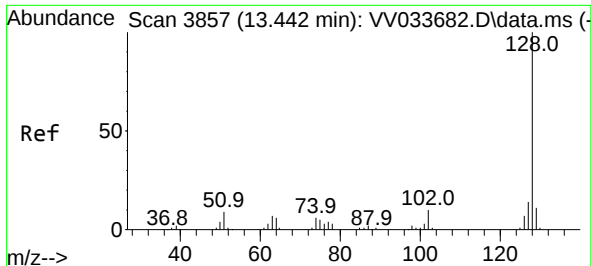
Tgt Ion:180 Resp: 68756
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 184 29.7 24.2 36.2
 145 29.7 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.418 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. -0.003 min
 Lab File: VV033706.D
 Acq: 17 Jan 2024 09:13

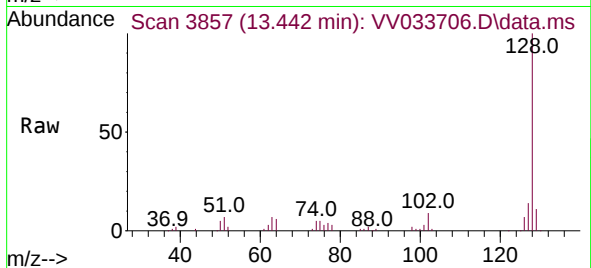
Tgt Ion:180 Resp: 51123
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.0 112.6
 145 30.6 24.8 37.2



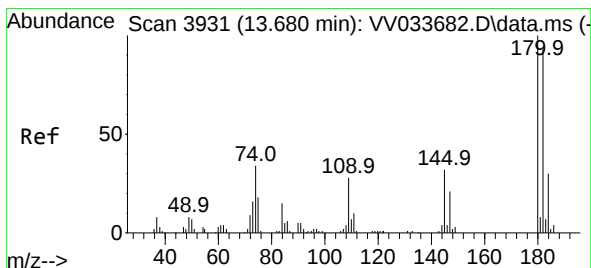
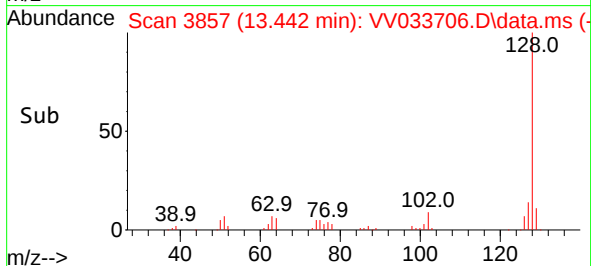
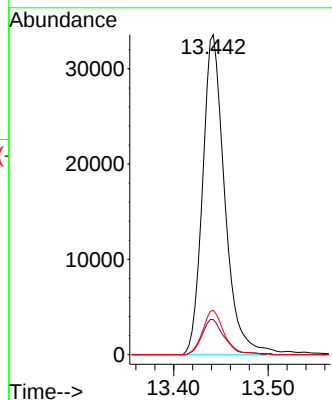


#71
Naphthalene
Concen: 2.831 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	54681
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.4	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.125 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033706.D
Acq: 17 Jan 2024 09:13

Tgt Ion:	180	Resp:	38277
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.0	112.6
145	32.8	26.6	40.0

