

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033765.D
 Acq On : 19 Jan 2024 19:36
 Operator : SY/MD
 Sample : P1190-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 22:27:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	231175	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	216970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	113577	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	69326	39.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.040%
7) Chloroethane-d5	1.529	69	58941	41.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.780%
11) 1,1-Dichloroethene-d2	2.060	65	32904	43.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.060%
21) 2-Butanone-d5	3.783	46	92651	76.028	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.030%
24) Chloroform-d	4.249	84	137800	43.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.760%
26) 1,2-Dichloroethane-d4	4.941	65	91126	44.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
32) Benzene-d6	4.960	84	259034	41.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.980%
36) 1,2-Dichloropropane-d6	5.989	67	80630	39.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.420%
41) Toluene-d8	7.243	98	239748	43.138	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	7.551	79	41495	41.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.700%
47) 2-Hexanone-d5	8.021	63	66110	78.496	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	107094	41.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	94414	43.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	80189	41.696	ug/L	99
3) Chloromethane	1.217	50	87127	39.840	ug/L	100
5) Vinyl chloride	1.285	62	92327	44.131	ug/L	# 64
6) Bromomethane	1.484	94	46677	42.689	ug/L	100
8) Chloroethane	1.548	64	57478	46.074	ug/L	95
9) Trichlorofluoromethane	1.712	101	135317	54.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	73812	50.183	ug/L	95
12) 1,1-Dichloroethene	2.069	96	70240	50.627	ug/L	98
13) Acetone	2.111	43	68695	58.957	ug/L	98
14) Carbon disulfide	2.243	76	218243	46.282	ug/L	99
15) Methyl Acetate	2.371	43	77264	40.552	ug/L	# 100
16) Methylene chloride	2.449	84	76737	45.339	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	69957	45.140	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	261169	46.856	ug/L	98
19) 1,1-Dichloroethane	3.111	63	142152	44.865	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	88806	51.486	ug/L	96
22) 2-Butanone	3.863	43	96532	68.214	ug/L	99
23) Bromochloromethane	4.150	128	40613	48.468	ug/L	87
25) Chloroform	4.275	83	143736	47.847	ug/L	99

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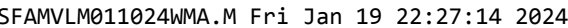
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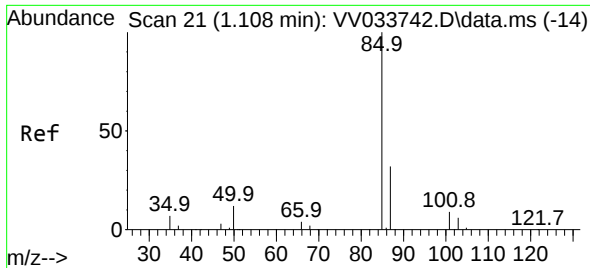
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 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	120123	47.874	ug/L	98
29) Cyclohexane	4.584	56	133787	43.739	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	130191	50.001	ug/L	99
31) Carbon tetrachloride	4.735	117	113991	51.290	ug/L	99
33) Benzene	5.008	78	299109	46.936	ug/L	100
34) Trichloroethene	5.831	95	84601	49.490	ug/L	99
35) Methylcyclohexane	6.050	83	131458	44.935	ug/L	97
37) 1,2-Dichloropropane	6.092	63	80510	45.910	ug/L	99
38) Bromodichloromethane	6.432	83	110000	47.949	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	128909	44.020	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	216210	83.207	ug/L	98
42) Toluene	7.313	91	318437	47.270	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	124398	46.097	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	75275	47.309	ug/L	98
46) Tetrachloroethene	7.905	164	68498	54.630	ug/L	97
48) 2-Hexanone	8.072	43	158486	76.546	ug/L	98
49) Dibromochloromethane	8.175	129	79062	47.709	ug/L	99
50) 1,2-Dibromoethane	8.281	107	78097	46.445	ug/L	100
51) Chlorobenzene	8.812	112	204098	47.563	ug/L	99
52) Ethylbenzene	8.944	91	364583	46.726	ug/L	99
53) m,p-Xylene	9.072	106	136668	47.445	ug/L	99
54) o-Xylene	9.477	106	134373	47.119	ug/L	97
55) Styrene	9.493	104	230287	46.773	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	115340	45.549	ug/L	99
59) Bromoform	9.664	173	56812	47.064	ug/L	98
60) Isopropylbenzene	9.866	105	368820	47.995	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	90462	44.879	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	311494	47.244	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	316134	48.121	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	166111	47.856	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	167390	48.095	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	166807	49.183	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	25736	44.245	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	122627	47.808	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	111576	47.926	ug/L	99
71) Naphthalene	13.439	128	281752	46.314	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	107442	49.445	ug/L	99

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

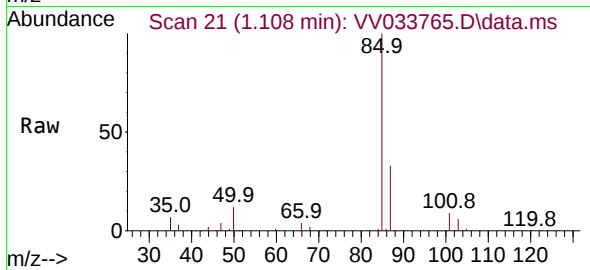
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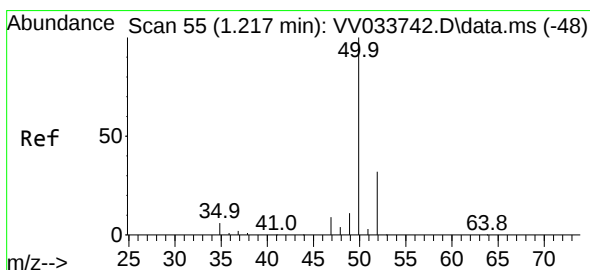
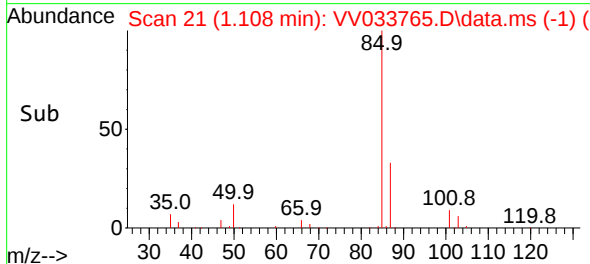
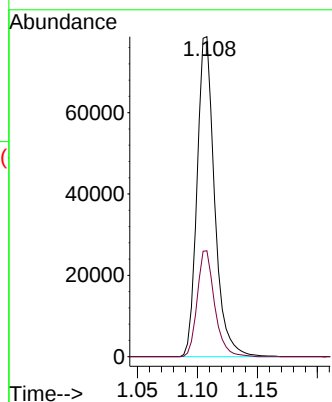


#2
Dichlorodifluoromethane
Concen: 41.696 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :

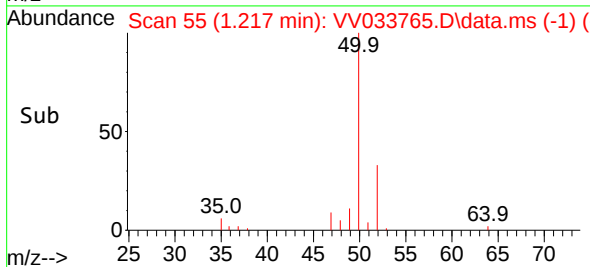
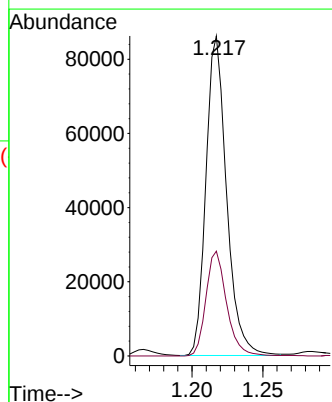
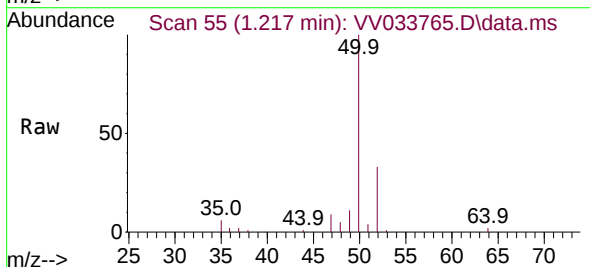


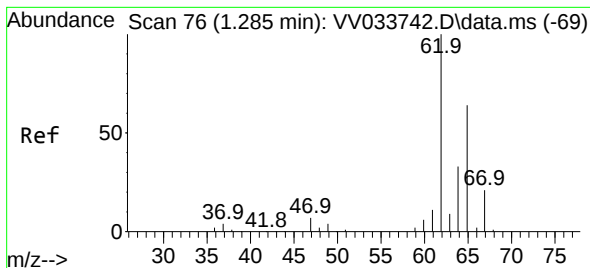
Tgt Ion: 85 Resp: 80189
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 39.840 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion: 50 Resp: 87127
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4





#5

Vinyl chloride

Concen: 44.131 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

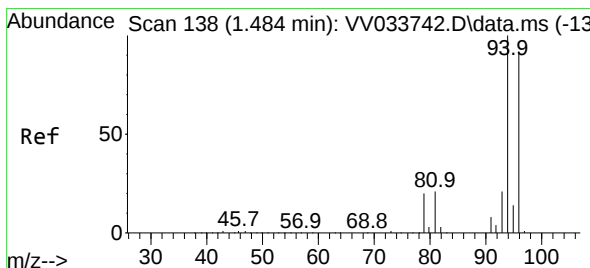
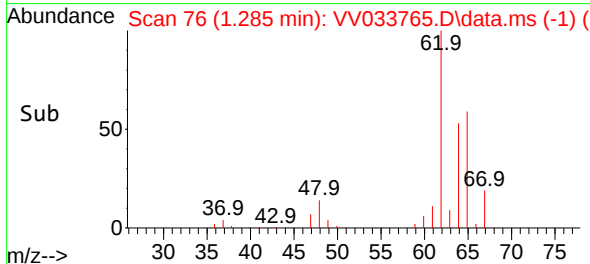
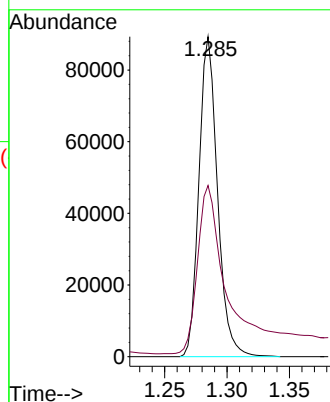
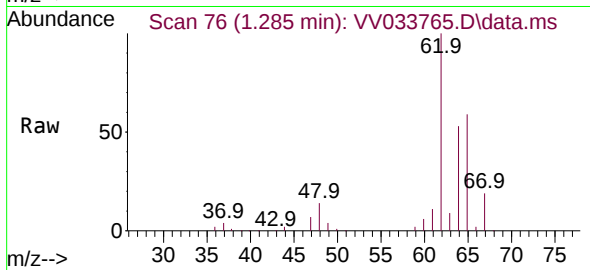
ClientSampleId :

Tgt Ion: 62 Resp: 92327

Ion Ratio Lower Upper

62 100

64 53.5 23.2 43.0#



#6

Bromomethane

Concen: 42.689 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV033765.D

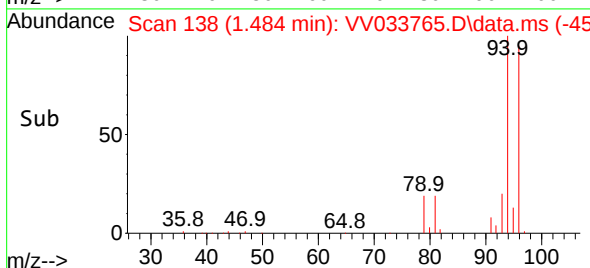
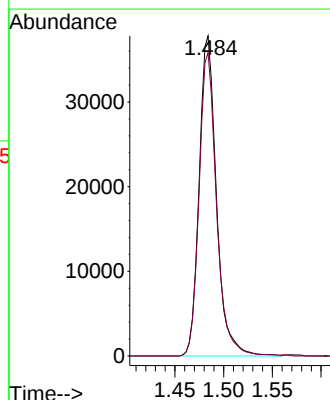
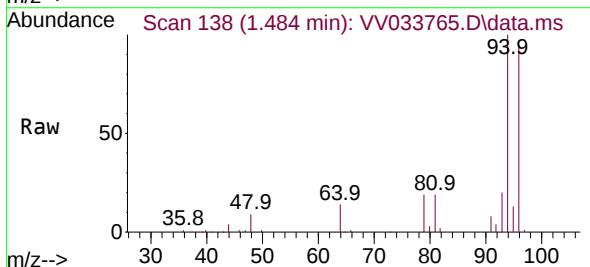
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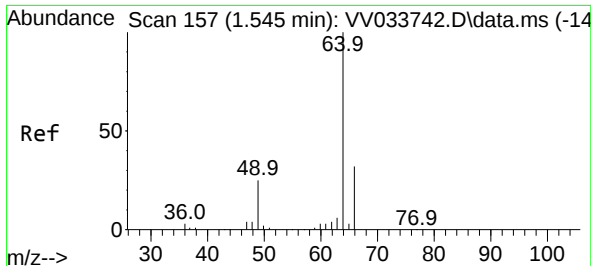
Tgt Ion: 94 Resp: 46677

Ion Ratio Lower Upper

94 100

96 94.7 66.4 123.2

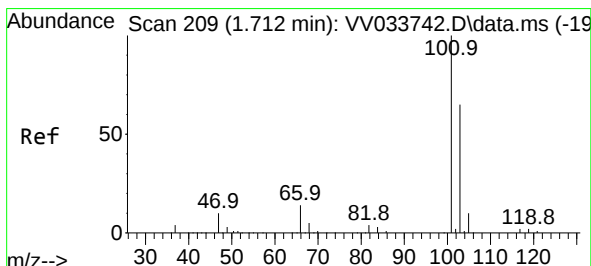
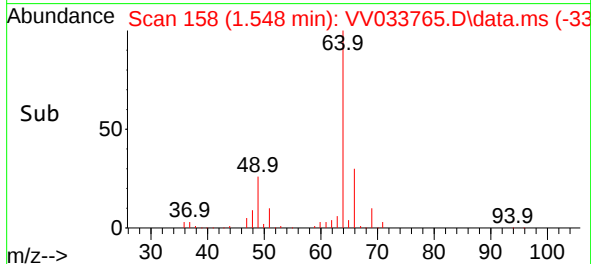
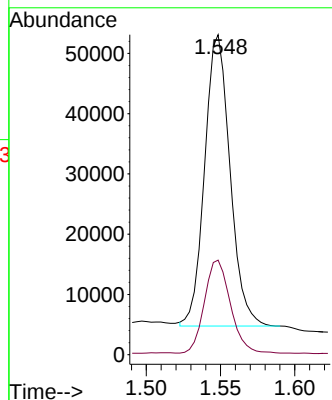
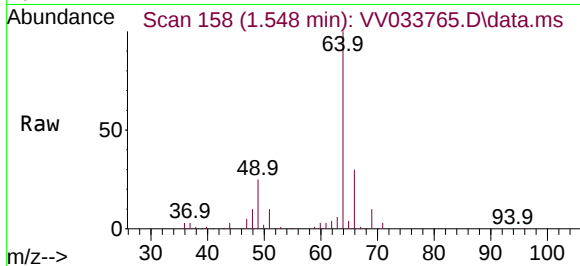




#8
Chloroethane
Concen: 46.074 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

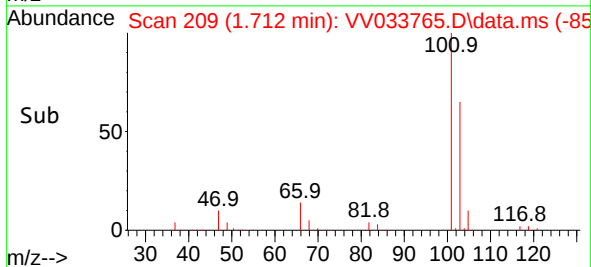
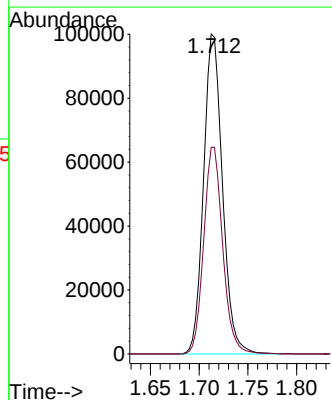
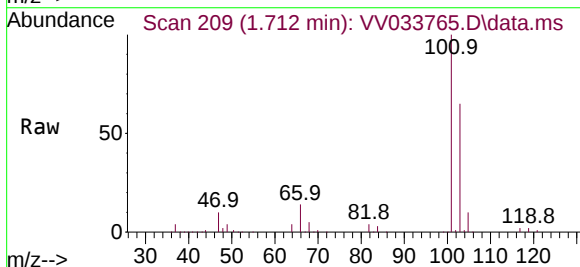
Instrument :
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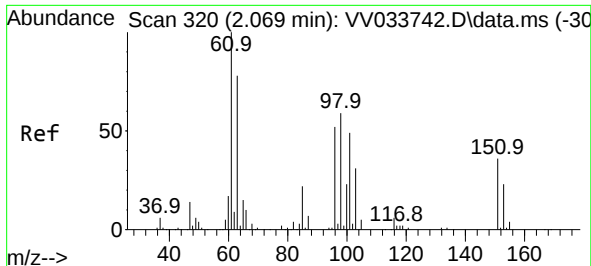
Tgt Ion: 64 Resp: 57478
Ion Ratio Lower Upper
64 100
66 29.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 54.201 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion:101 Resp: 135317
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

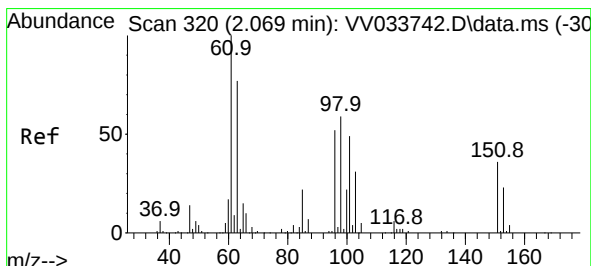
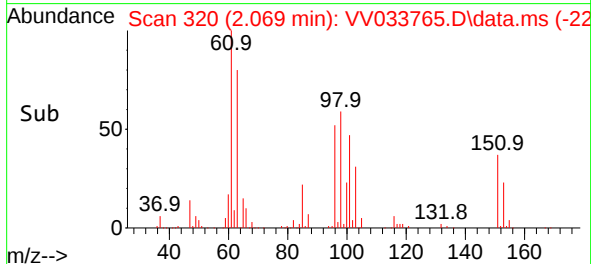
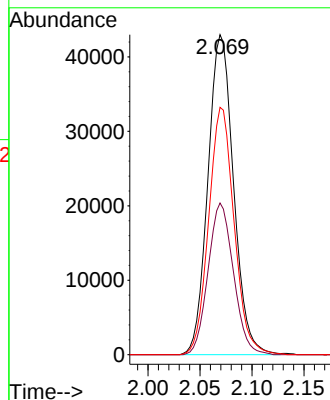
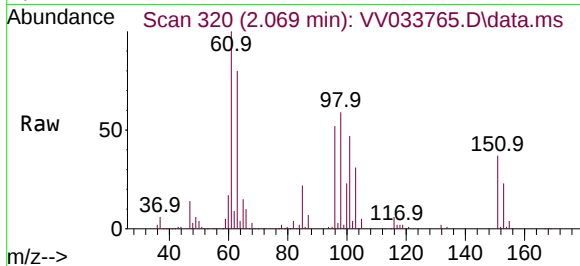




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.183 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033765.D
 Acq: 19 Jan 2024 19:36

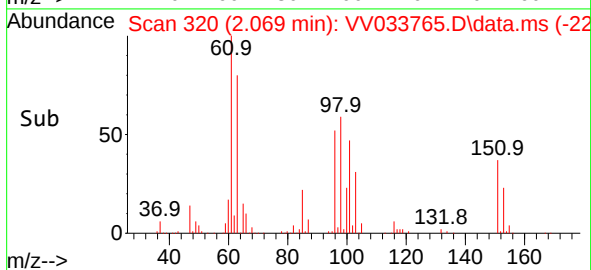
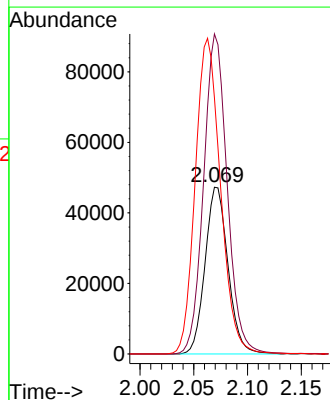
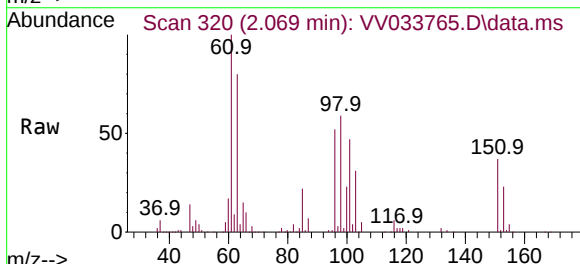
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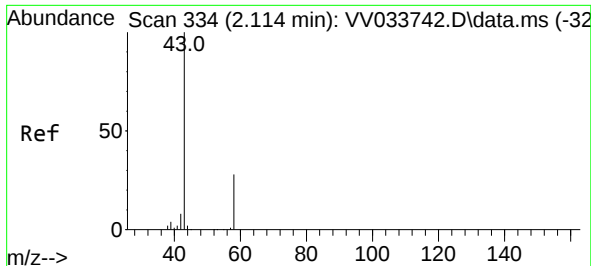
Tgt Ion:101 Resp: 73812
 Ion Ratio Lower Upper
 101 100
 85 46.8 36.2 54.4
 151 76.7 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 50.627 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033765.D
 Acq: 19 Jan 2024 19:36

Tgt Ion: 96 Resp: 70240
 Ion Ratio Lower Upper
 96 100
 61 191.8 134.0 248.8
 63 153.5 103.4 192.0





#13

Acetone

Concen: 58.957 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

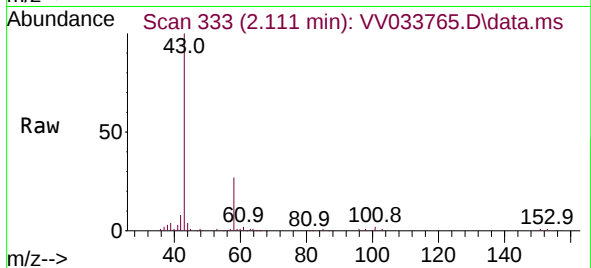
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Instrument :

MSVOA_V

ClientSampleId :

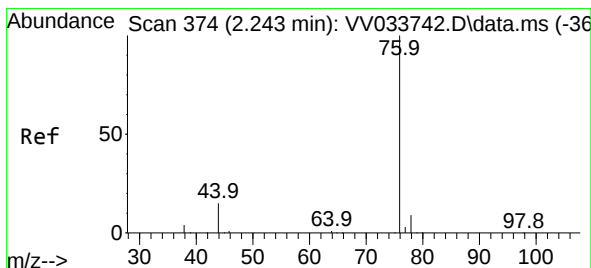
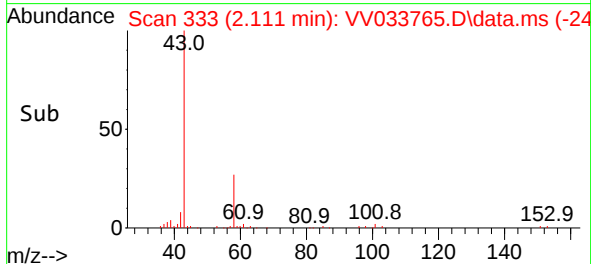
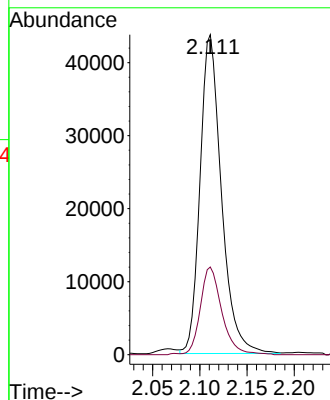


Tgt Ion: 43 Resp: 68695

Ion Ratio Lower Upper

43 100

58 27.6 0.0 57.2



#14

Carbon disulfide

Concen: 46.282 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033765.D

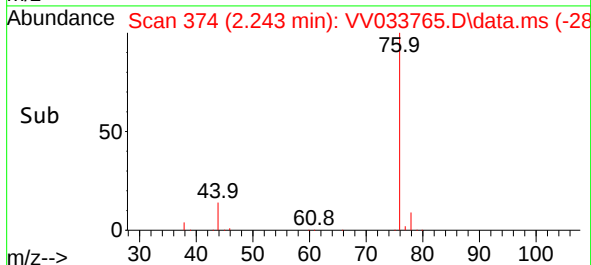
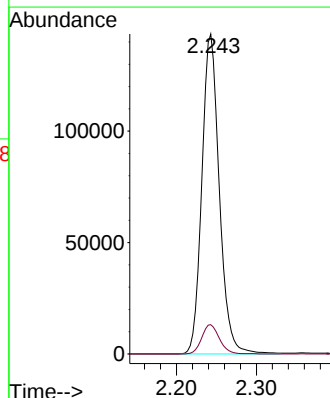
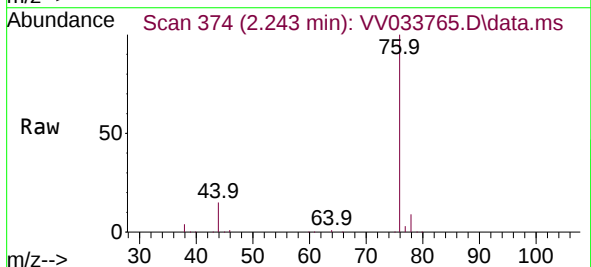
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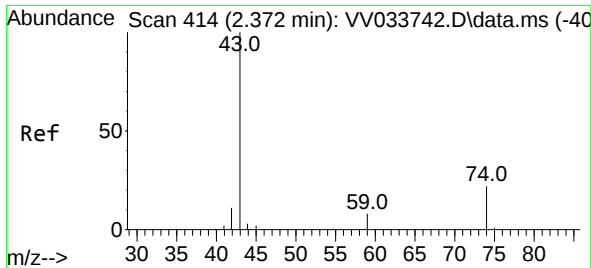
Tgt Ion: 76 Resp: 218243

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

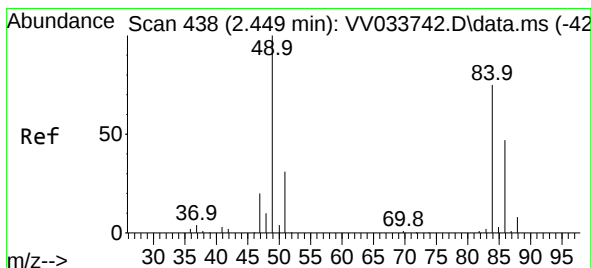
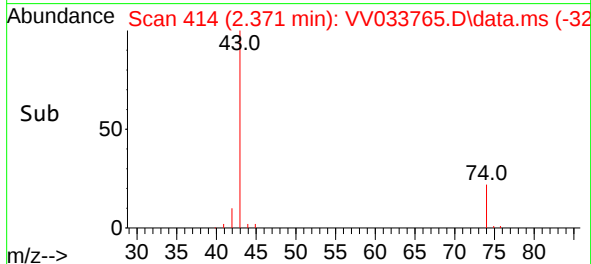
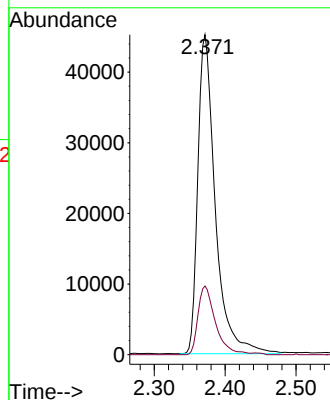
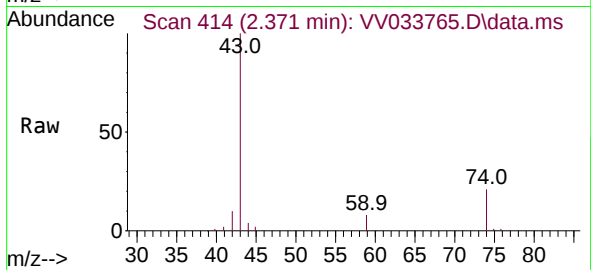




#15
Methyl Acetate
Concen: 40.552 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

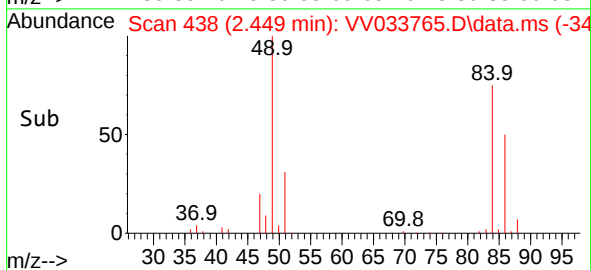
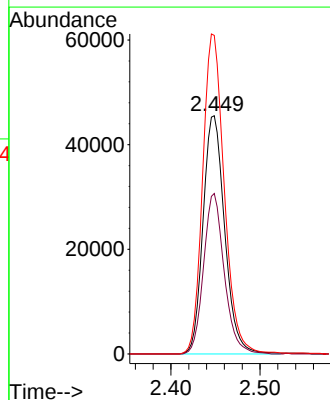
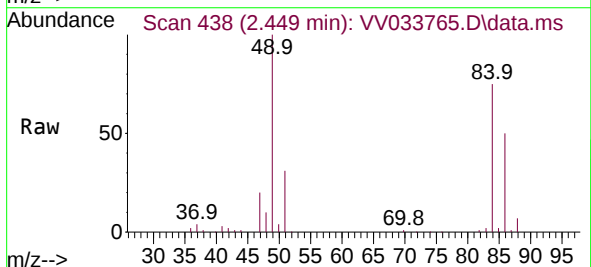
Instrument :
MSVOA_V
ClientSampleId :

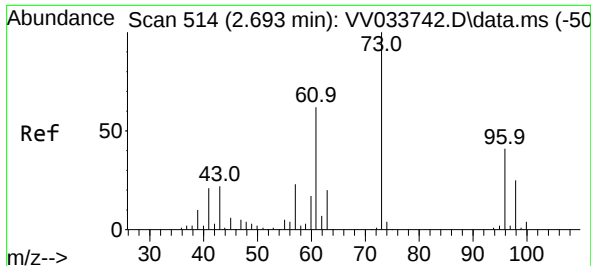
Tgt Ion: 43 Resp: 77264
Ion Ratio Lower Upper
43 100
74 21.4 0.0 0.0#



#16
Methylene chloride
Concen: 45.339 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion: 84 Resp: 76737
Ion Ratio Lower Upper
84 100
86 67.3 43.9 81.5
49 133.7 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 45.140 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :

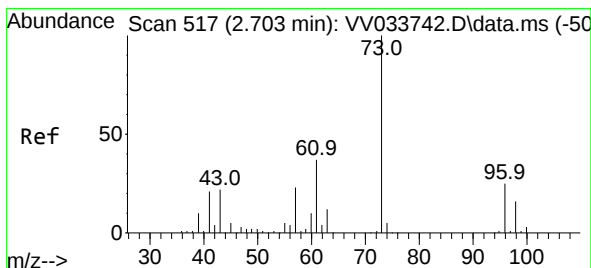
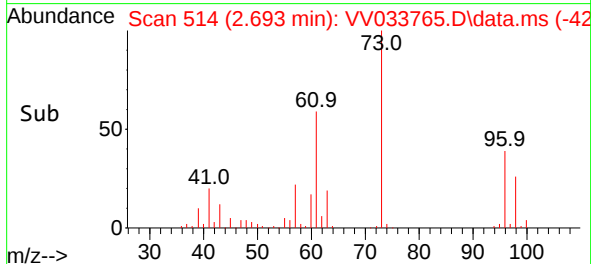
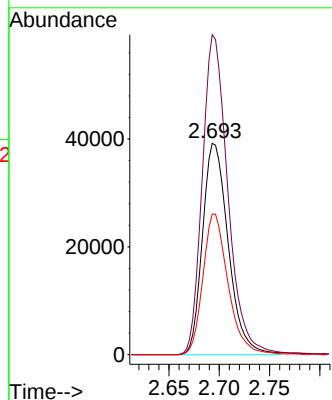
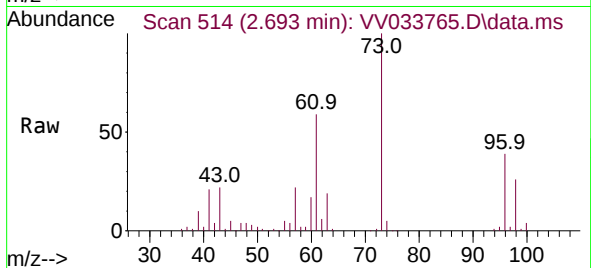
Tgt Ion: 96 Resp: 69957

Ion Ratio Lower Upper

96 100

61 151.4 108.4 201.4

98 66.6 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 46.856 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

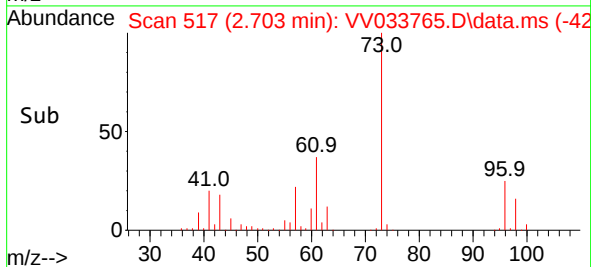
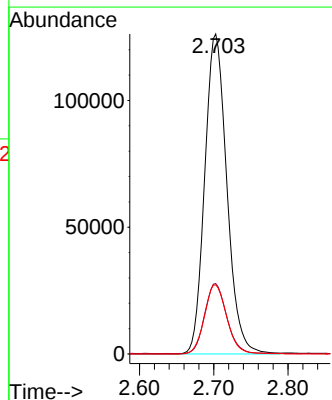
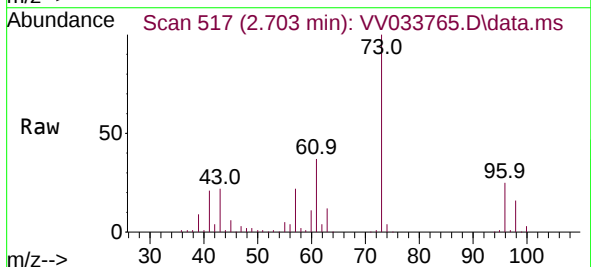
Tgt Ion: 73 Resp: 261169

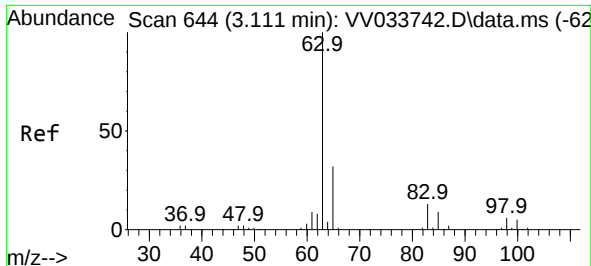
Ion Ratio Lower Upper

73 100

43 21.7 17.4 26.2

57 21.8 18.6 27.8





#19

1,1-Dichloroethane

Concen: 44.865 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :

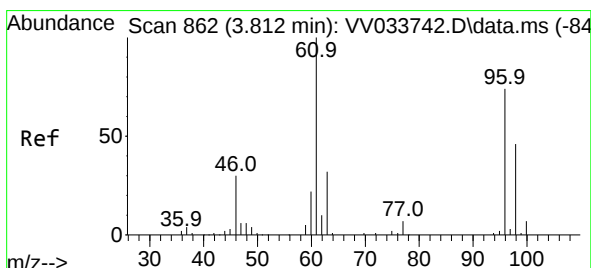
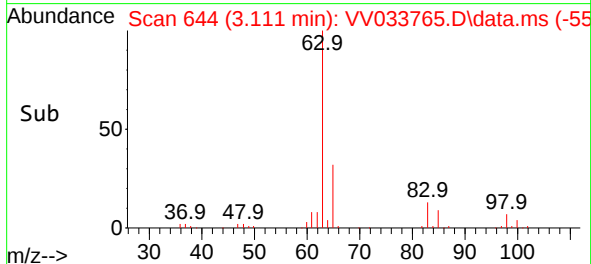
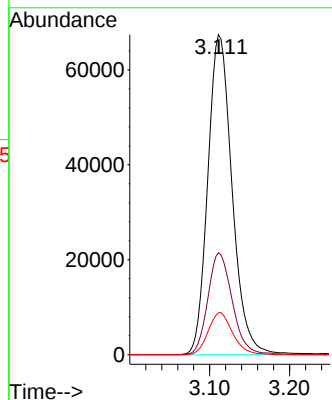
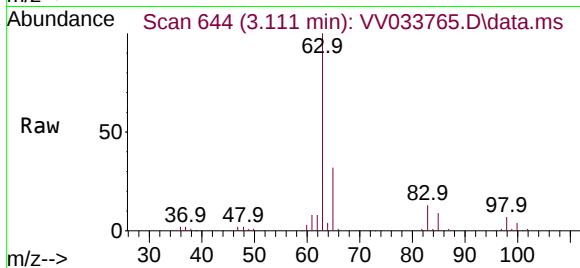
Tgt Ion: 63 Resp: 142152

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 13.1 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 51.486 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

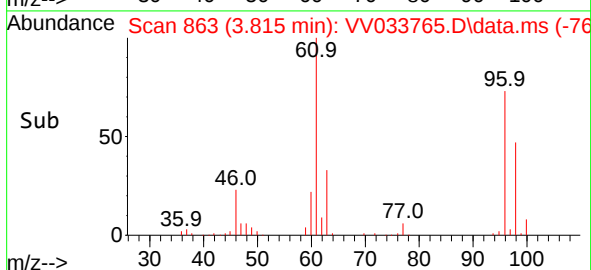
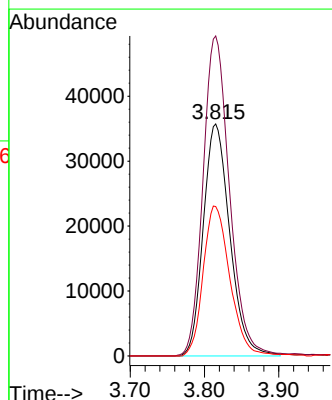
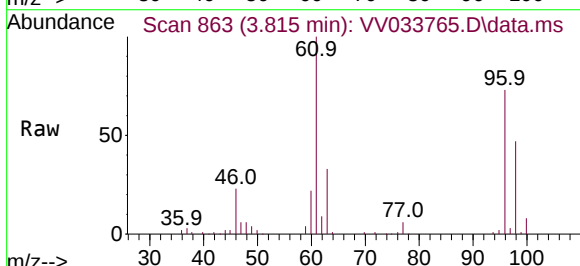
Tgt Ion: 96 Resp: 88806

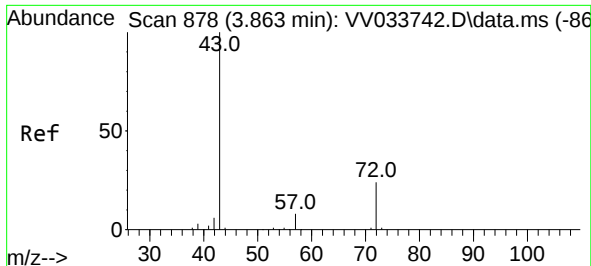
Ion Ratio Lower Upper

96 100

61 137.9 100.6 186.8

98 64.4 44.6 82.8

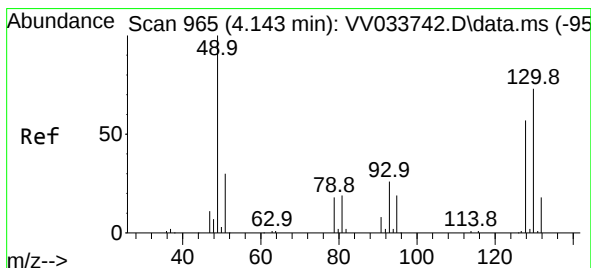
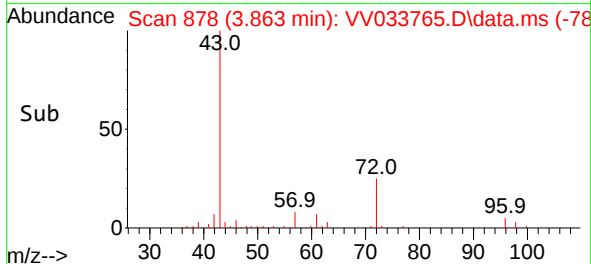
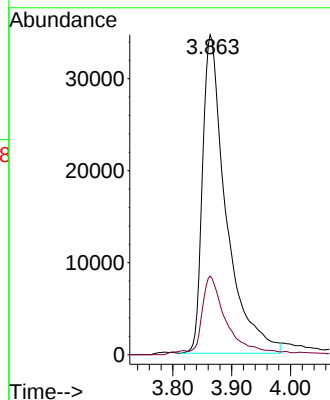
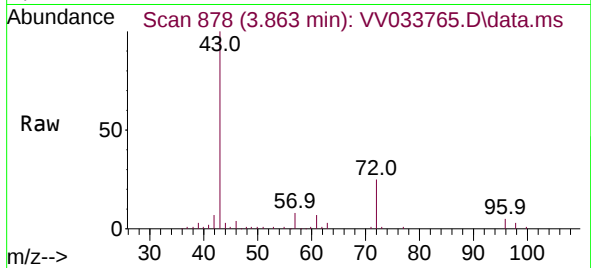




#22
2-Butanone
Concen: 68.214 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

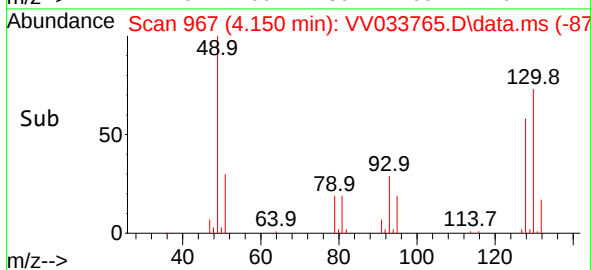
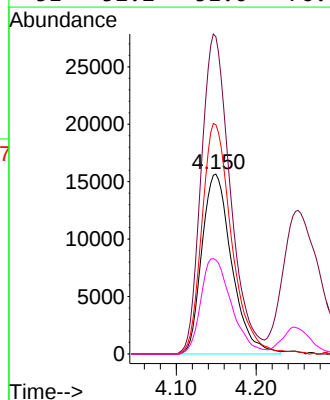
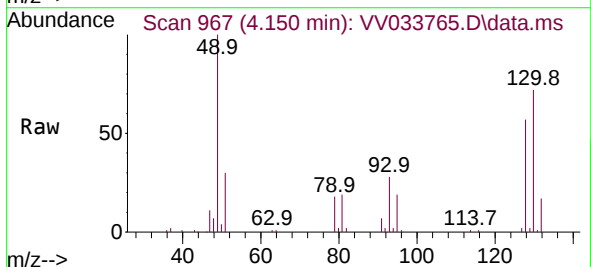
Instrument :
MSVOA_V
ClientSampleId :

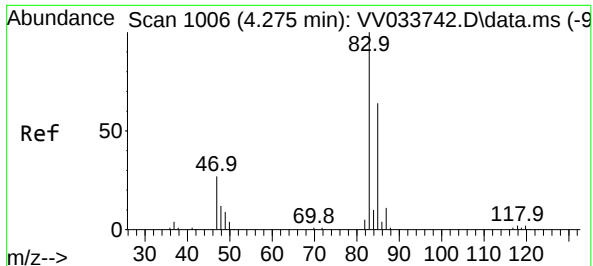
Tgt Ion: 43 Resp: 96532
Ion Ratio Lower Upper
43 100
72 23.4 11.9 35.5



#23
Bromochloromethane
Concen: 48.468 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.006 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion:128 Resp: 40613
Ion Ratio Lower Upper
128 100
49 176.3 143.9 267.2
130 127.5 90.6 168.2
51 52.2 51.0 76.6





#25

Chloroform

Concen: 47.847 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

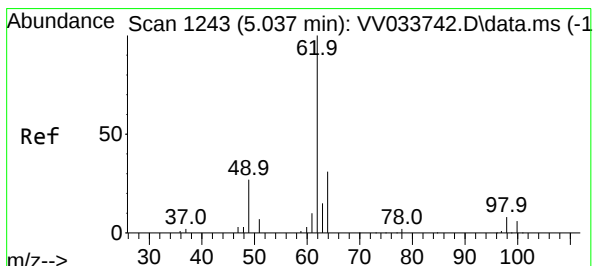
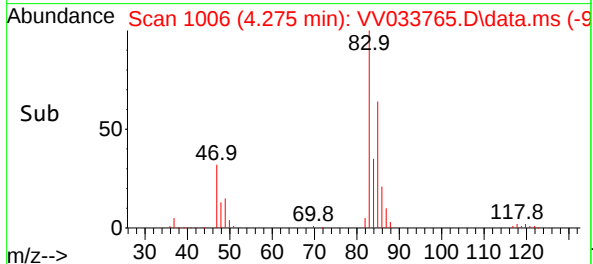
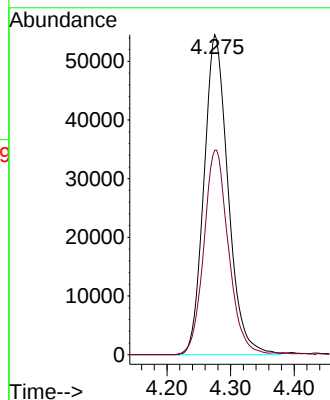
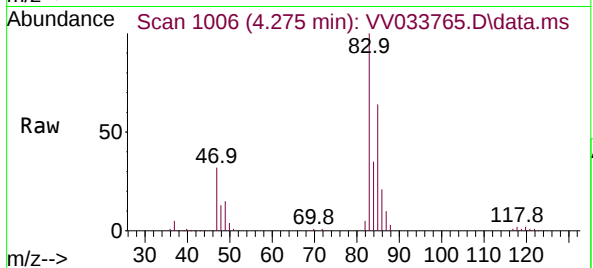
ClientSampleId :

Tgt Ion: 83 Resp: 143736

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 47.874 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033765.D

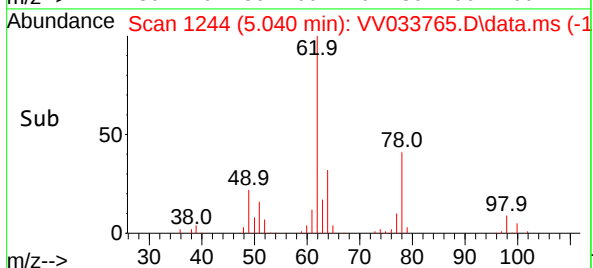
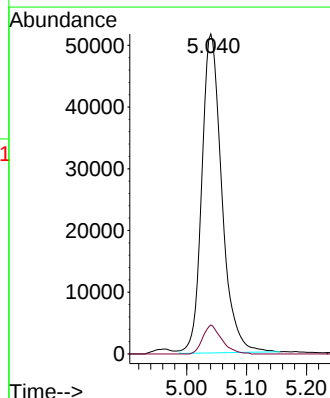
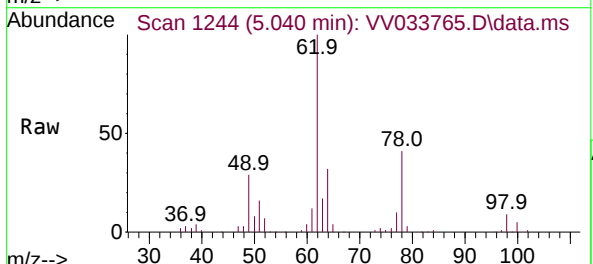
Acq: 19 Jan 2024 19:36

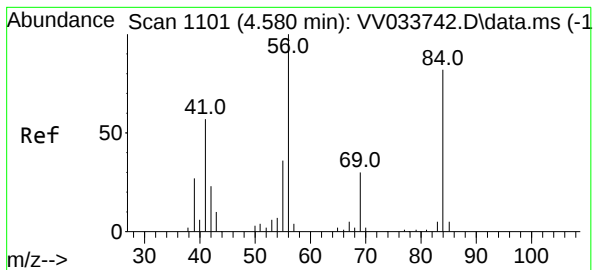
Tgt Ion: 62 Resp: 120123

Ion Ratio Lower Upper

62 100

98 9.0 6.8 10.2

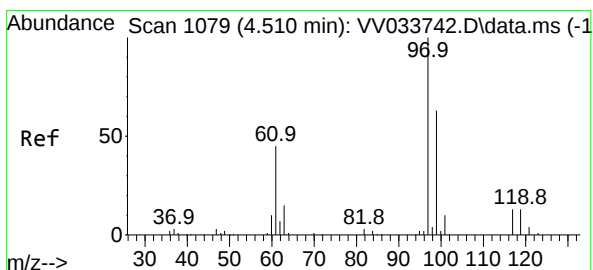
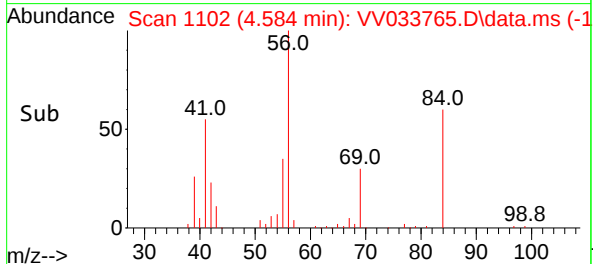
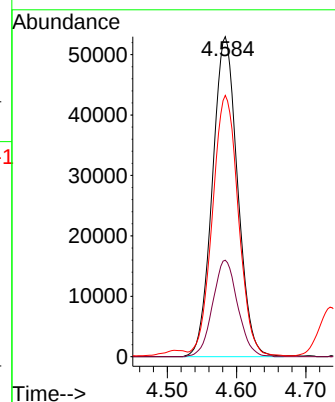
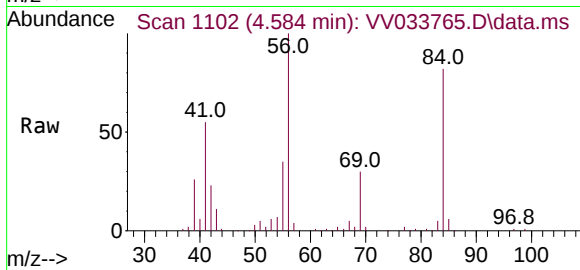




#29
Cyclohexane
Concen: 43.739 ug/L
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

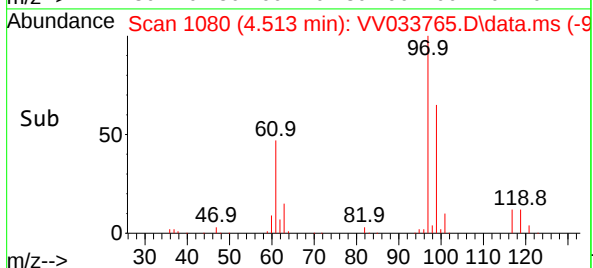
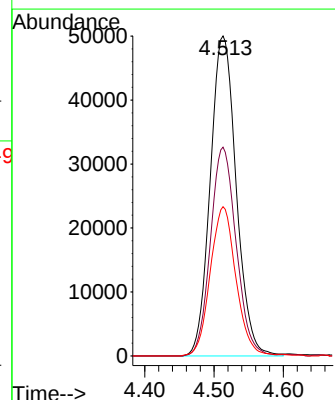
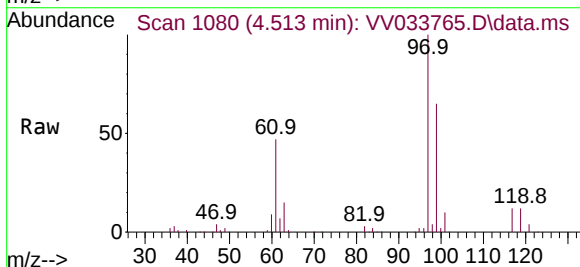
Instrument :
MSVOA_V
ClientSampleId :

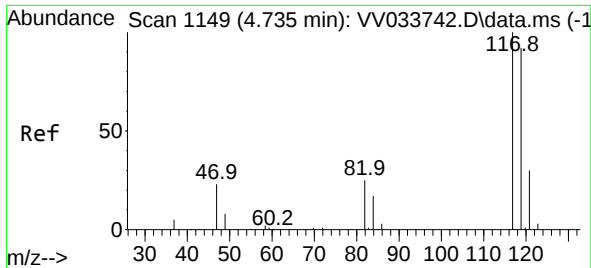
Tgt Ion: 56 Resp: 133787
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.6
84 82.9 63.8 95.6



#30
1,1,1-Trichloroethane
Concen: 50.001 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion: 97 Resp: 130191
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 46.2 38.2 57.2

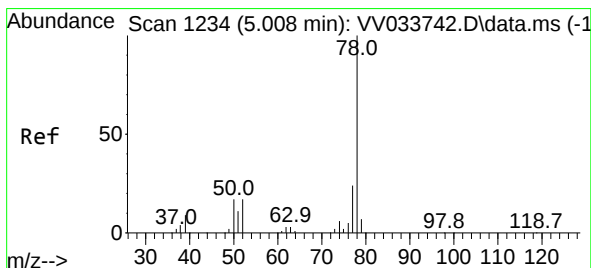
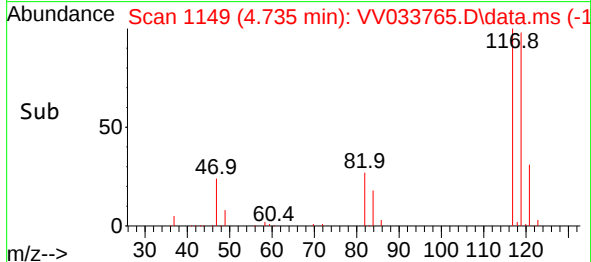
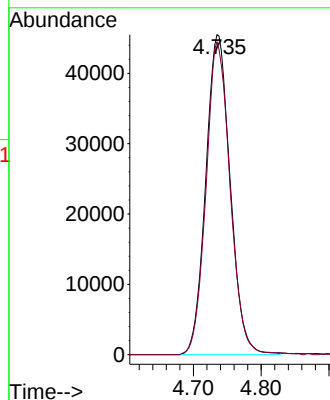
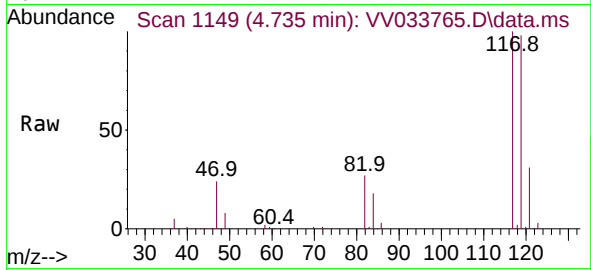




#31
Carbon tetrachloride
Concen: 51.290 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

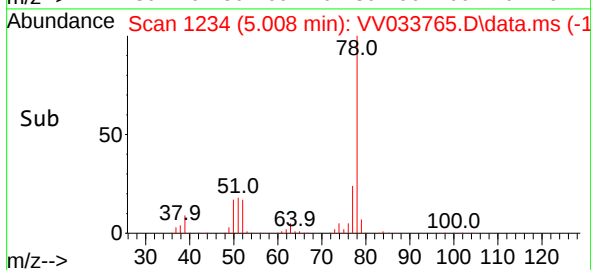
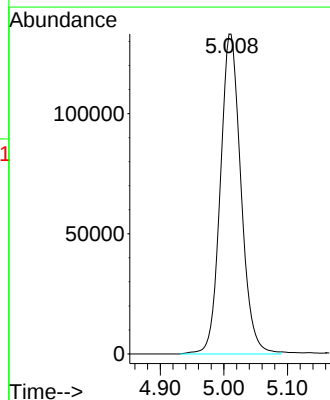
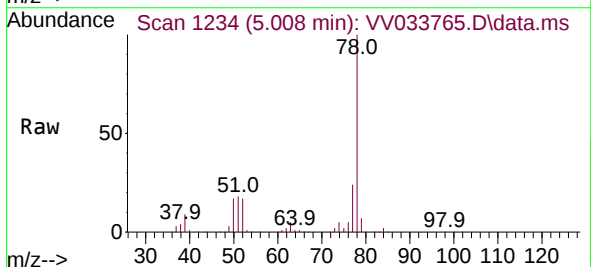
Instrument : MSVOA_V
ClientSampleId :

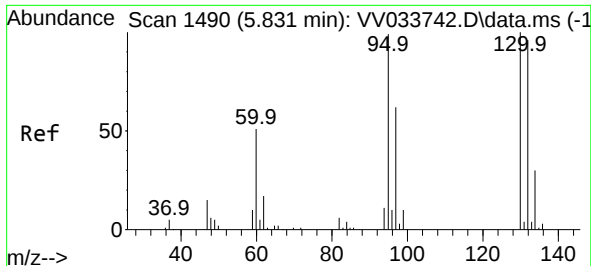
Tgt Ion:117 Resp: 113991
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 46.936 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

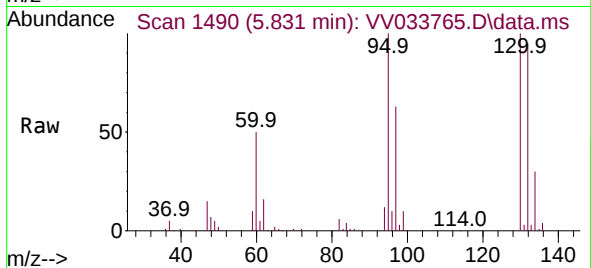
Tgt Ion: 78 Resp: 299109





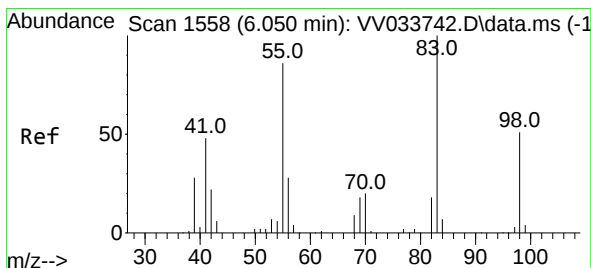
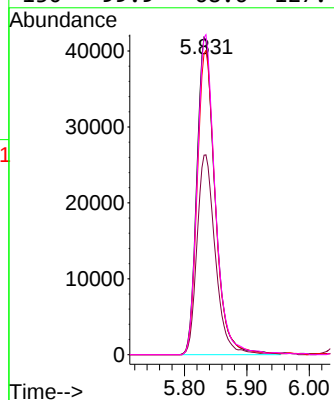
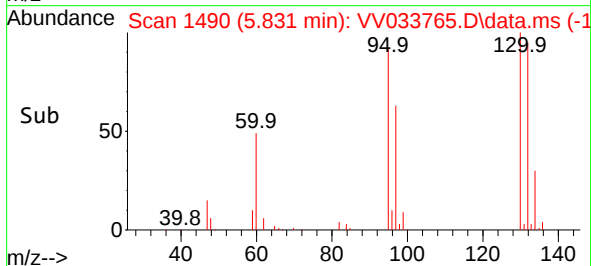
#34
Trichloroethene
Concen: 49.490 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :

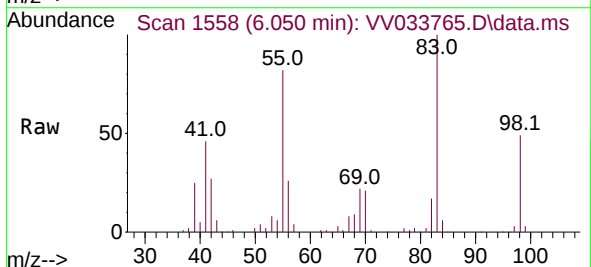


Tgt Ion: 95 Resp: 84601

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.4
132	94.9	65.5	121.7
130	99.9	68.6	127.4

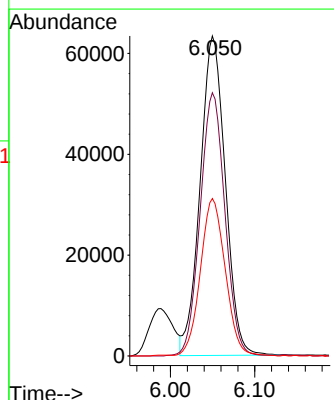
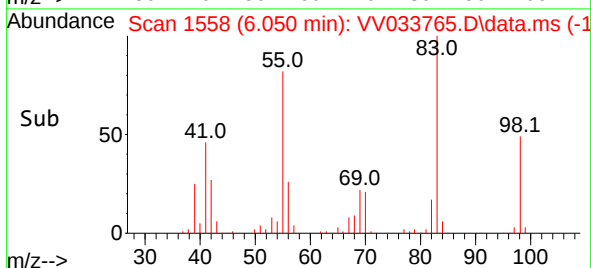


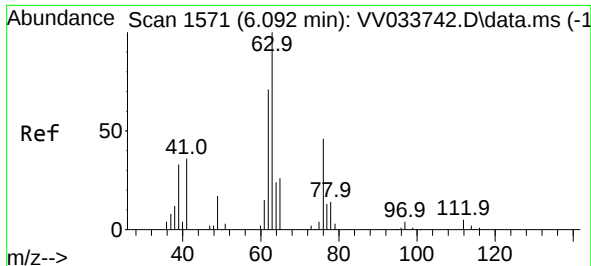
#35
Methylcyclohexane
Concen: 44.935 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36



Tgt Ion: 83 Resp: 131458

Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.1	100.7
98	48.9	37.7	56.5





#37

1,2-Dichloropropane

Concen: 45.910 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

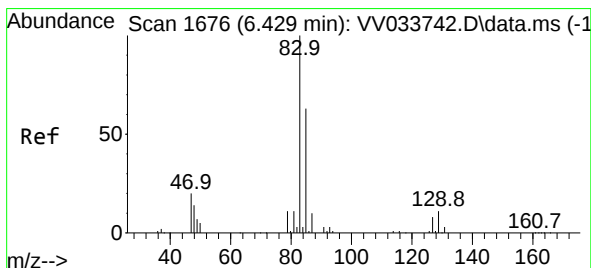
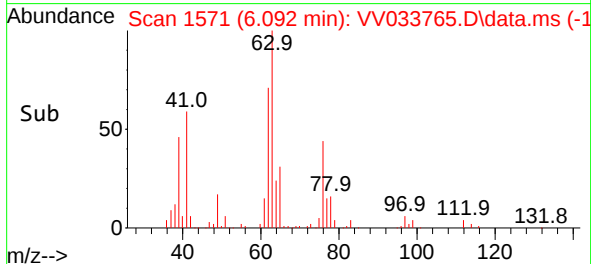
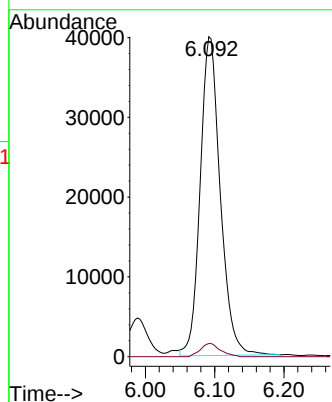
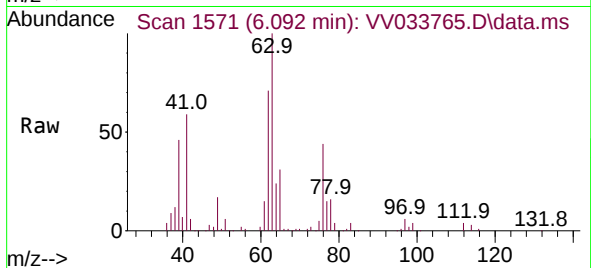
ClientSampleId :

Tgt Ion: 63 Resp: 80510

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 47.949 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

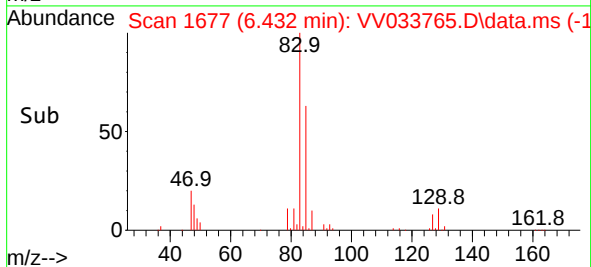
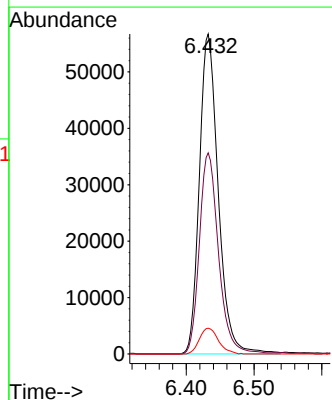
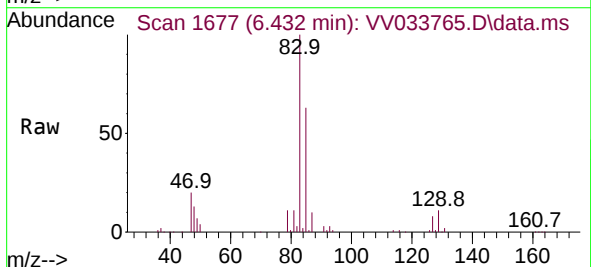
Tgt Ion: 83 Resp: 110000

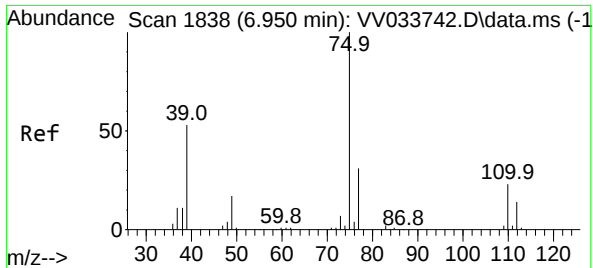
Ion Ratio Lower Upper

83 100

85 62.9 45.1 83.7

127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 44.020 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

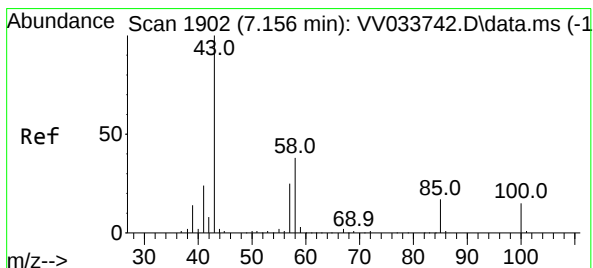
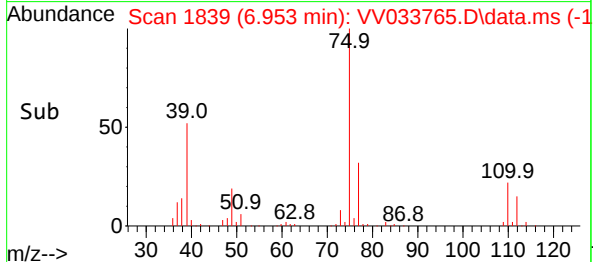
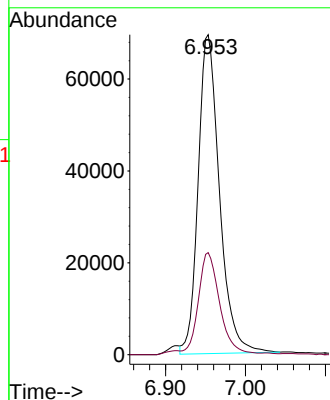
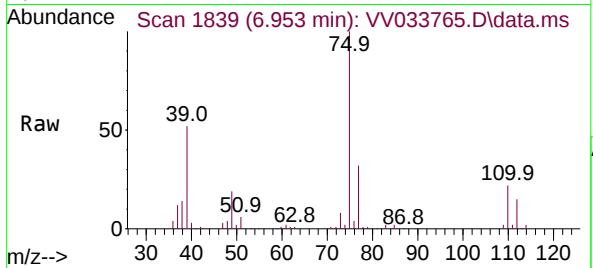
ClientSampleId :

Tgt Ion: 75 Resp: 128909

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 83.207 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

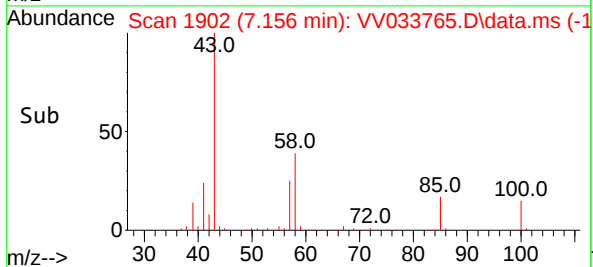
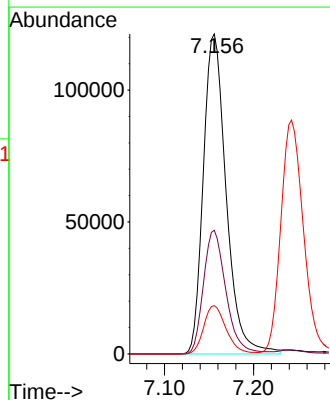
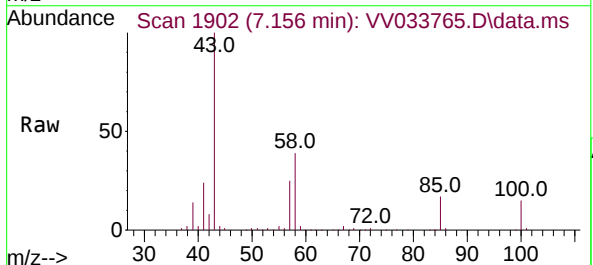
Tgt Ion: 43 Resp: 216210

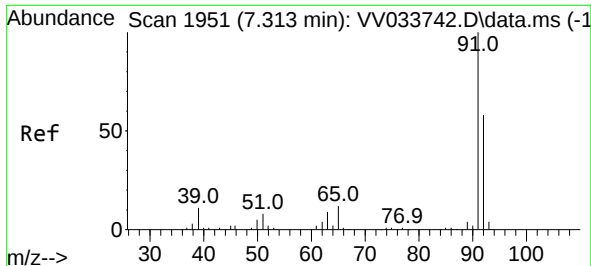
Ion Ratio Lower Upper

43 100

58 38.1 29.6 44.4

100 14.9 10.6 16.0





#42

Toluene

Concen: 47.270 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

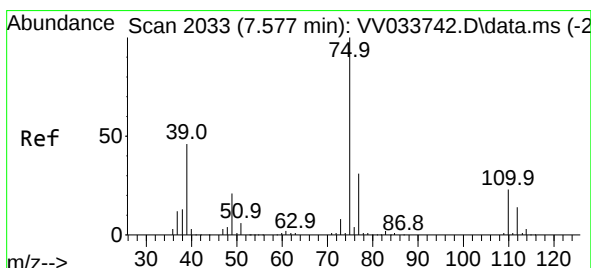
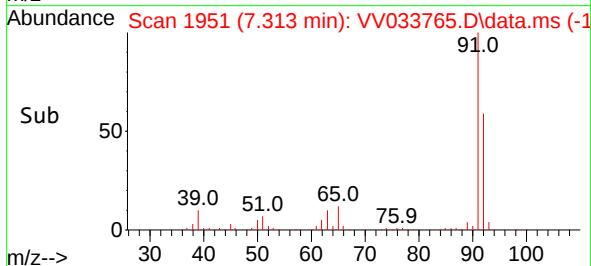
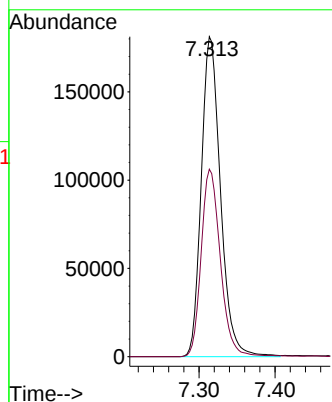
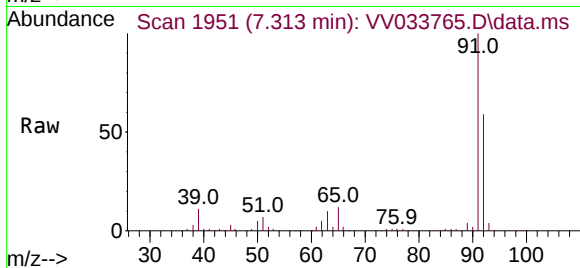
ClientSampleId :

Tgt Ion: 91 Resp: 318437

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 46.097 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033765.D

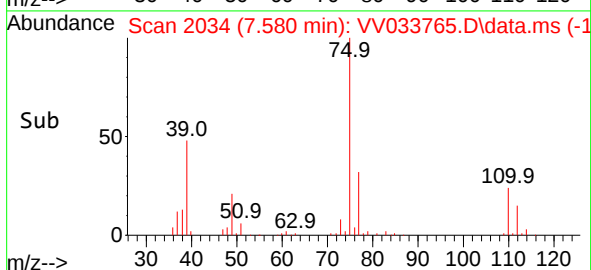
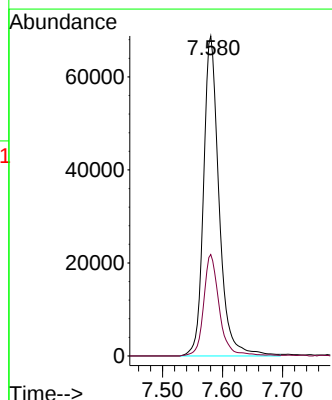
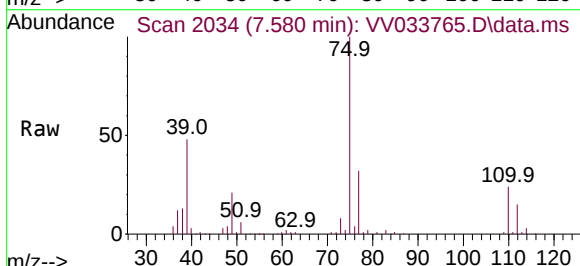
Acq: 19 Jan 2024 19:36

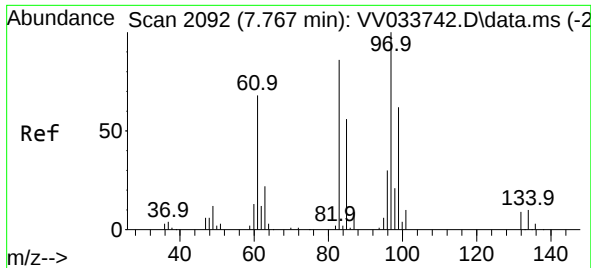
Tgt Ion: 75 Resp: 124398

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



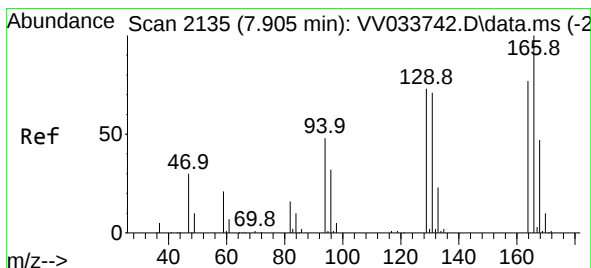
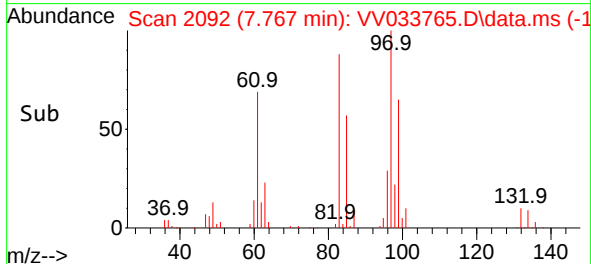
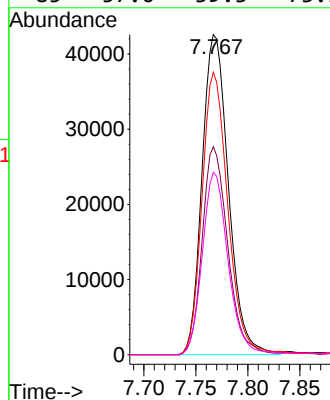
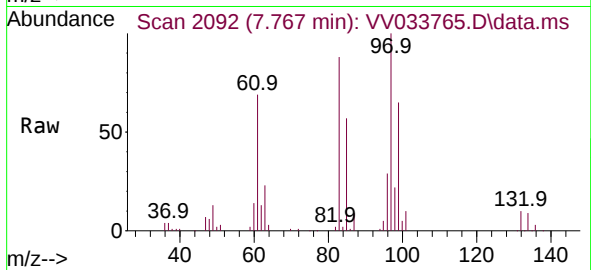


#45
1,1,2-Trichloroethane
Concen: 47.309 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 75275

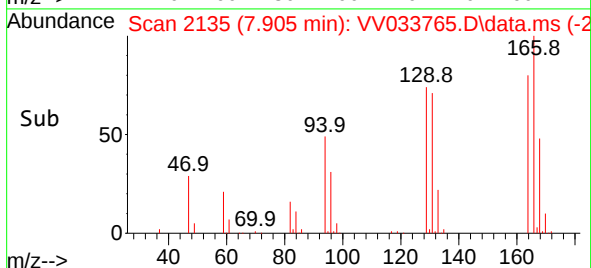
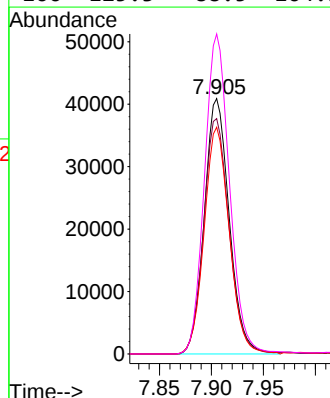
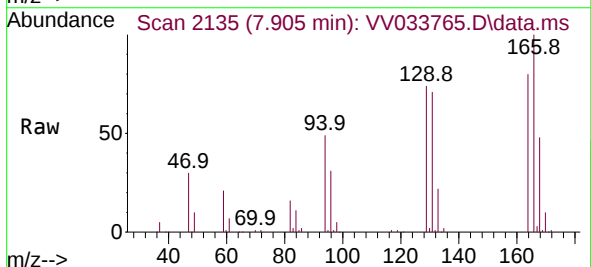
Ion	Ratio	Lower	Upper
97	100		
99	65.0	42.8	79.6
83	88.2	61.2	113.8
85	57.0	39.3	73.1

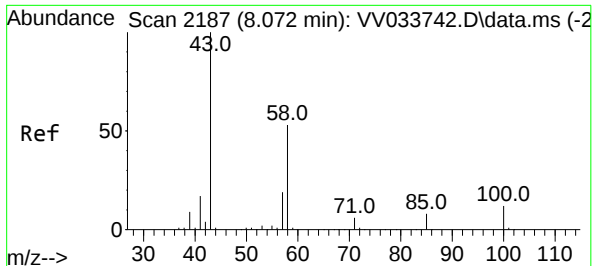


#46
Tetrachloroethene
Concen: 54.630 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion: 164 Resp: 68498

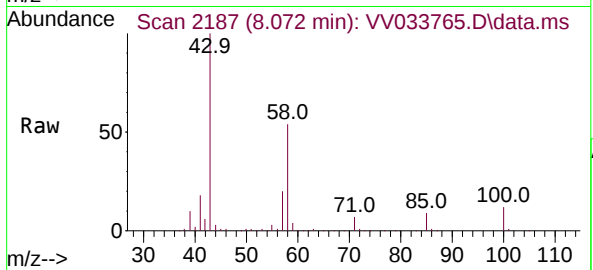
Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.1	122.7
131	88.8	65.9	122.5
166	125.3	88.5	164.3



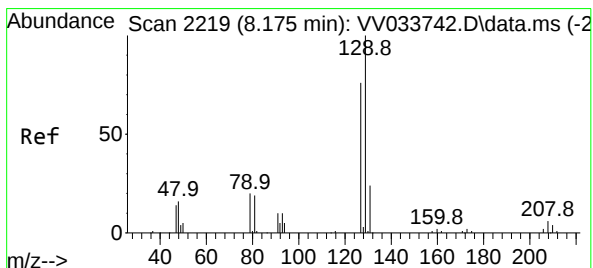
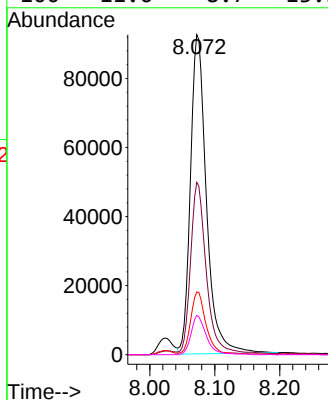
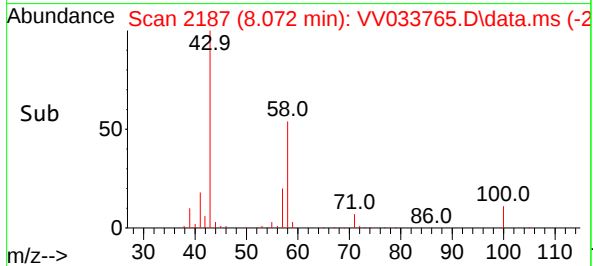


#48
2-Hexanone
Concen: 76.546 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

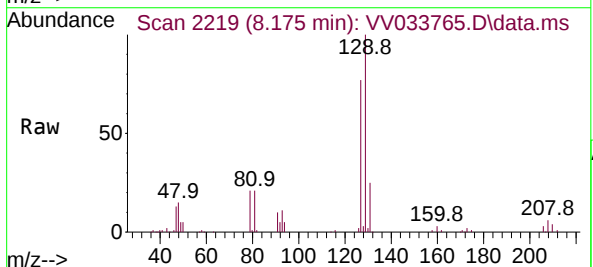
Instrument :
MSVOA_V
ClientSampleId :



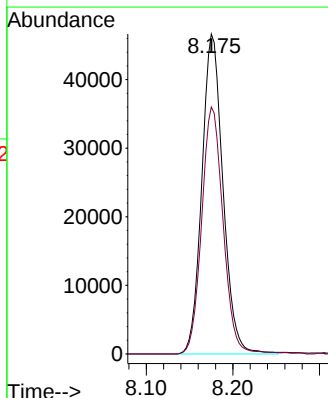
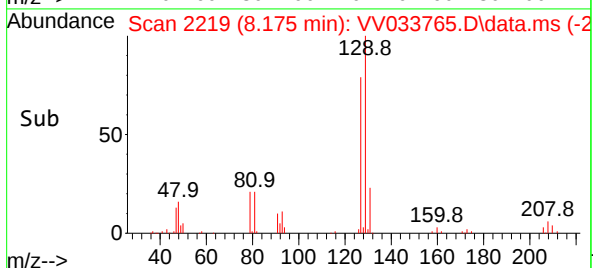
Tgt Ion: 43 Resp: 158486
Ion Ratio Lower Upper
43 100
58 51.5 42.3 63.5
57 18.7 14.2 21.2
100 11.6 8.7 13.1

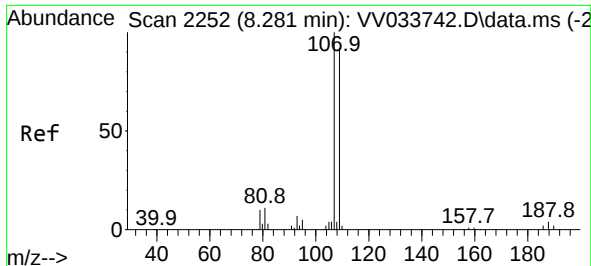


#49
Dibromochloromethane
Concen: 47.709 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36



Tgt Ion: 129 Resp: 79062
Ion Ratio Lower Upper
129 100
127 77.2 54.5 101.3





#50

1,2-Dibromoethane

Concen: 46.445 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033765.D

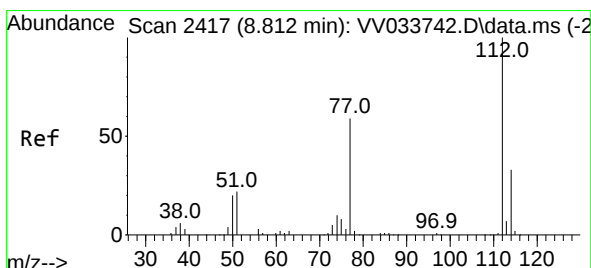
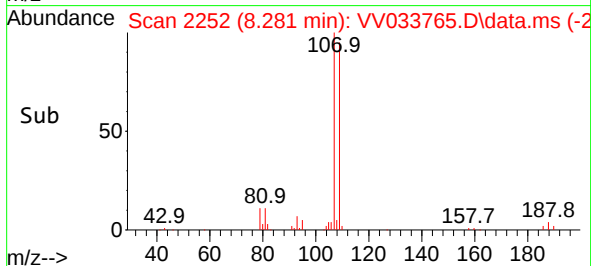
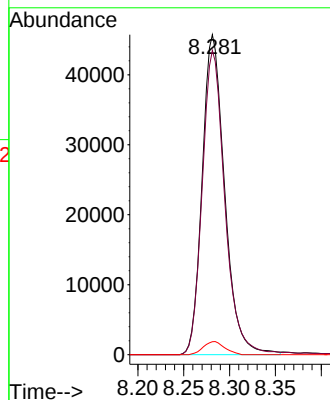
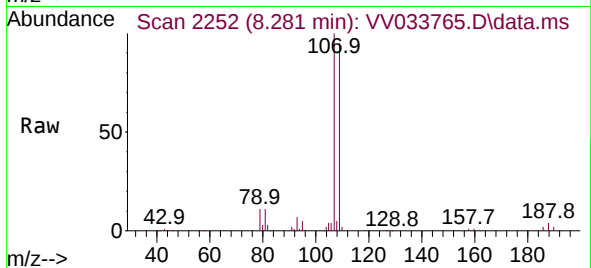
Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	78097
Ion	Ratio	Lower	Upper
107	100		
109	95.0	66.4	123.4
188	4.1	2.7	4.1



#51

Chlorobenzene

Concen: 47.563 ug/L

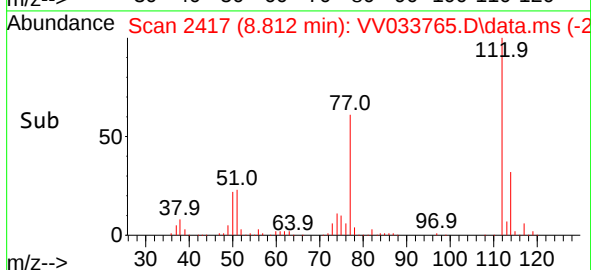
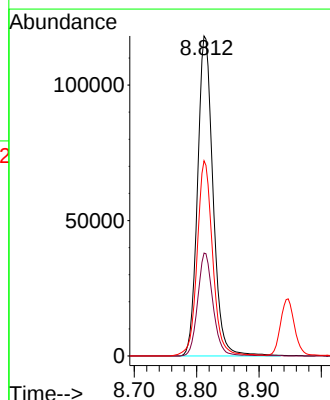
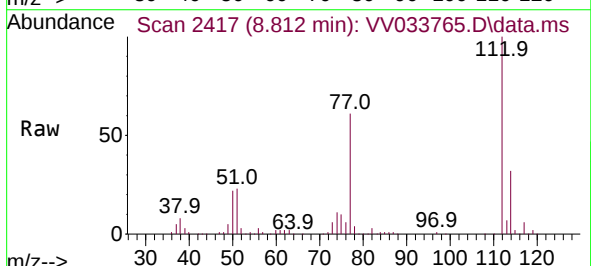
RT: 8.812 min Scan# 2417

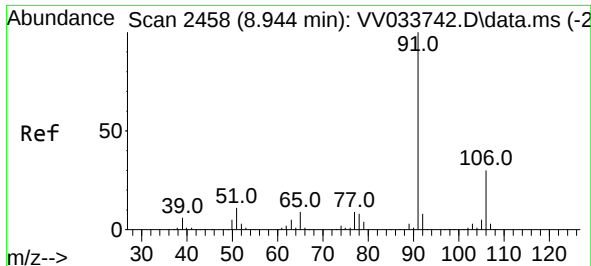
Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Tgt Ion:	112	Resp:	204098
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	61.0	49.4	74.0

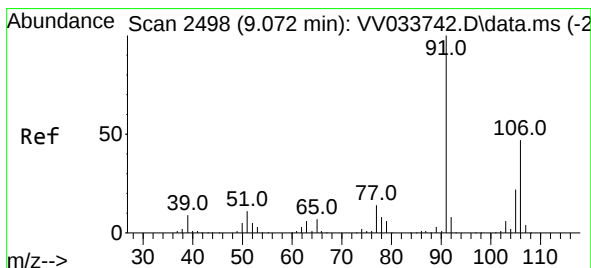
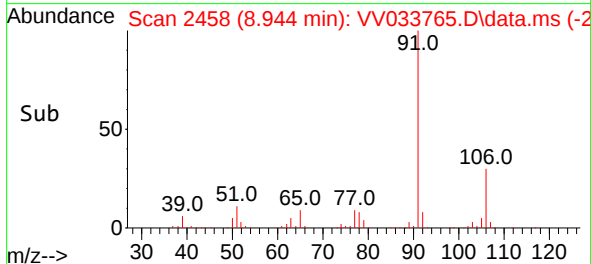
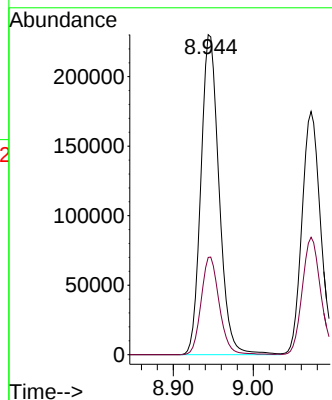
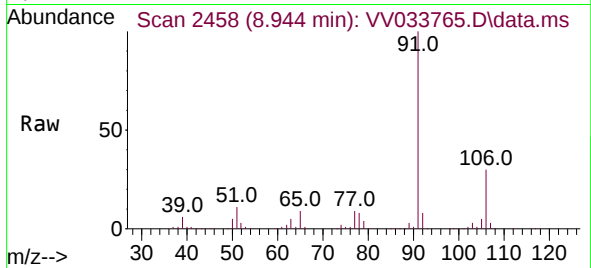




#52
Ethylbenzene
Concen: 46.726 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

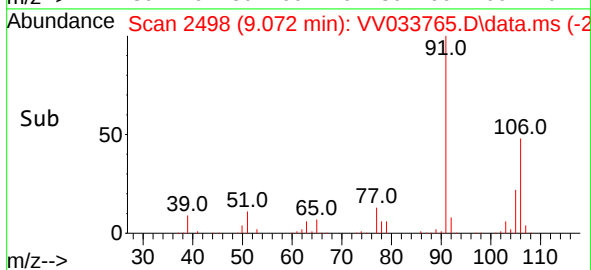
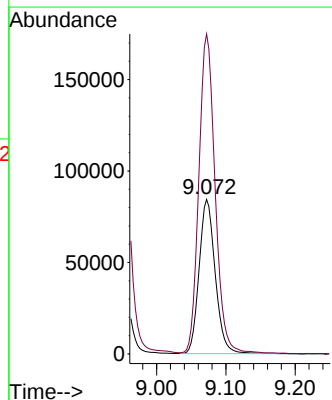
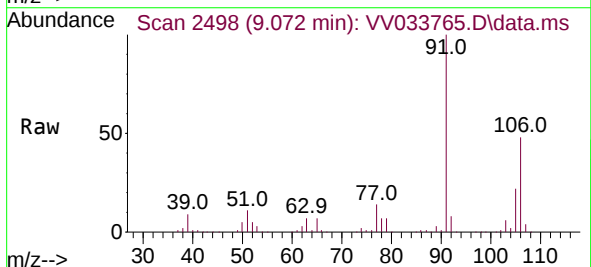
Instrument :
MSVOA_V
ClientSampleId :

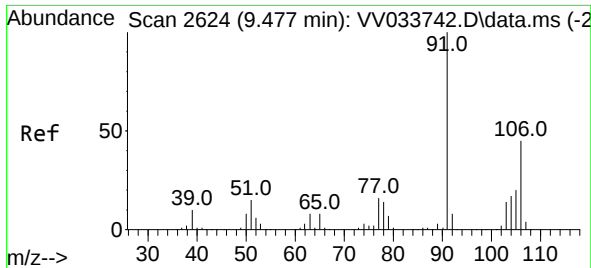
Tgt Ion: 91 Resp: 364583
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 47.445 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion: 106 Resp: 136668
Ion Ratio Lower Upper
106 100
91 207.0 146.1 271.3

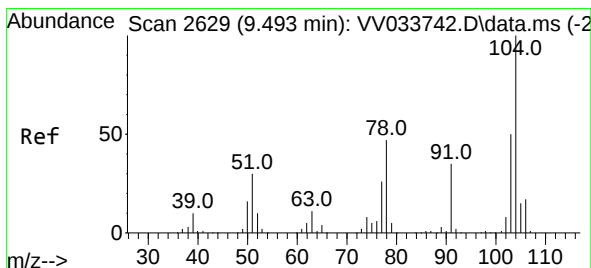
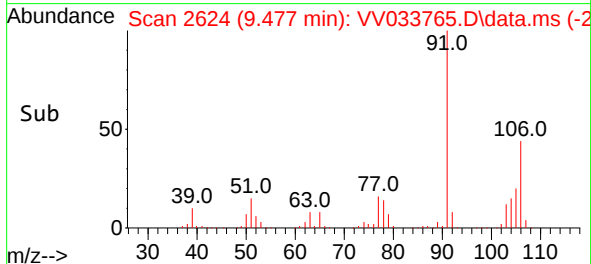
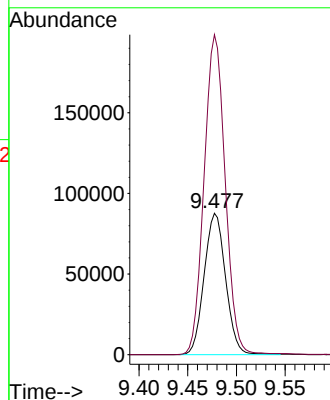
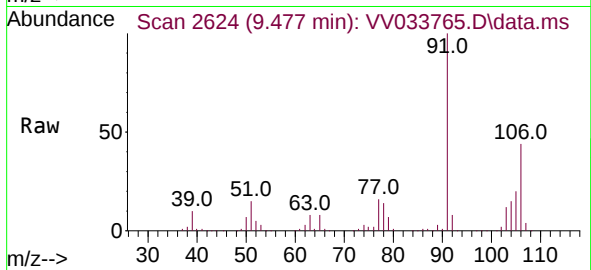




#54
o-Xylene
Concen: 47.119 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

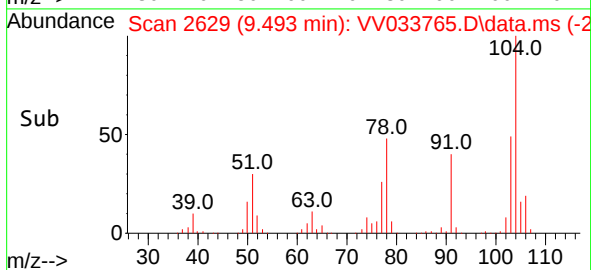
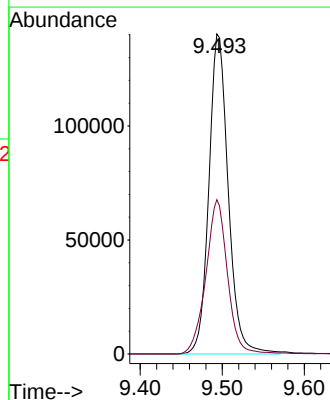
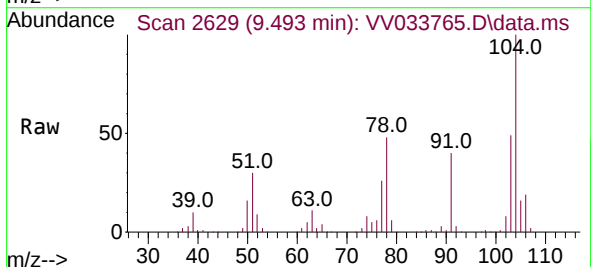
Instrument :
MSVOA_V
ClientSampleId :

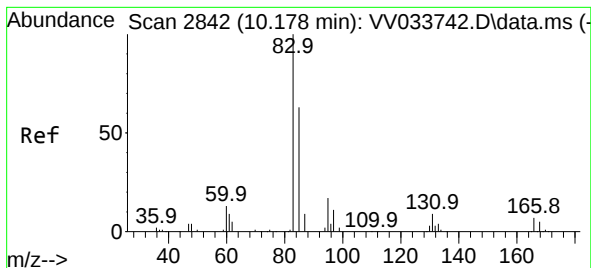
Tgt Ion:106 Resp: 134373
Ion Ratio Lower Upper
106 100
91 226.3 155.2 288.2



#55
Styrene
Concen: 46.773 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion:104 Resp: 230287
Ion Ratio Lower Upper
104 100
78 48.2 33.0 61.4

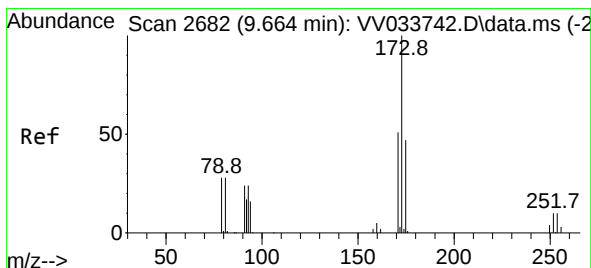
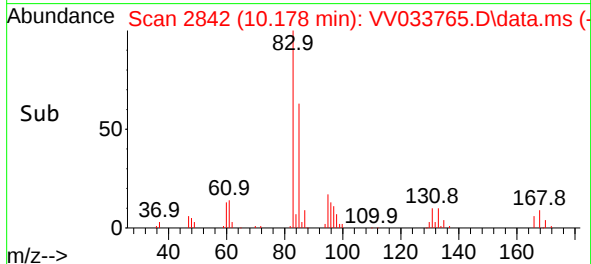
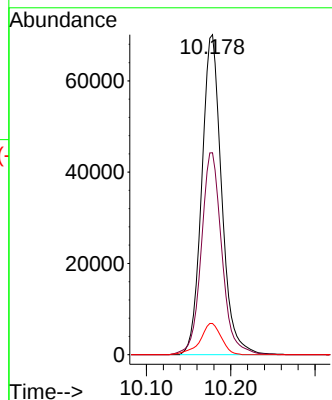
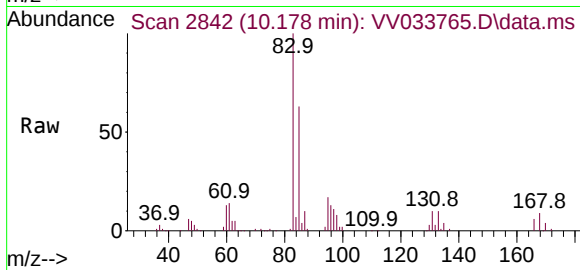




#57
 1,1,2,2-Tetrachloroethane
 Concen: 45.549 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033765.D
 Acq: 19 Jan 2024 19:36

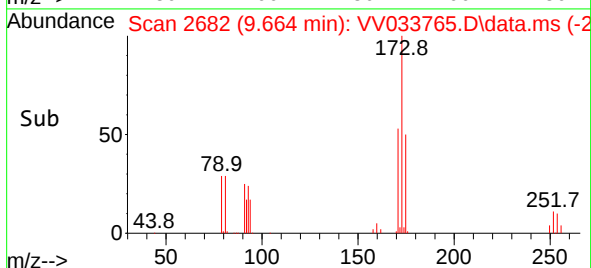
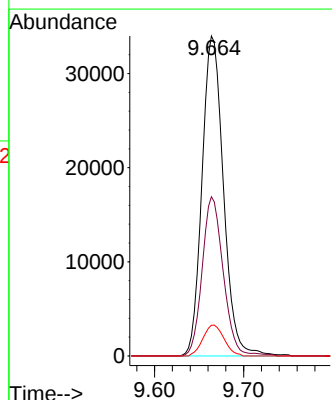
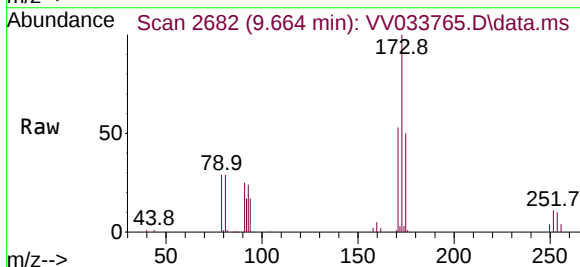
Instrument :
 MSVOA_V
 ClientSampleId :

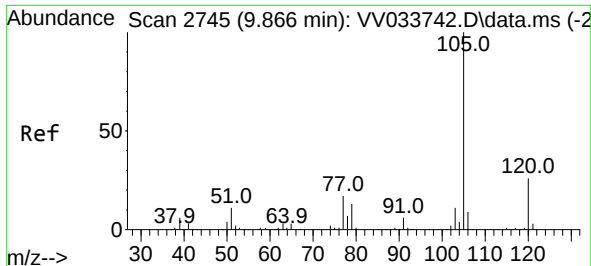
Tgt Ion: 83 Resp: 115340
 Ion Ratio Lower Upper
 83 100
 85 63.1 44.9 83.5
 131 9.8 7.5 11.3



#59
 Bromoform
 Concen: 47.064 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033765.D
 Acq: 19 Jan 2024 19:36

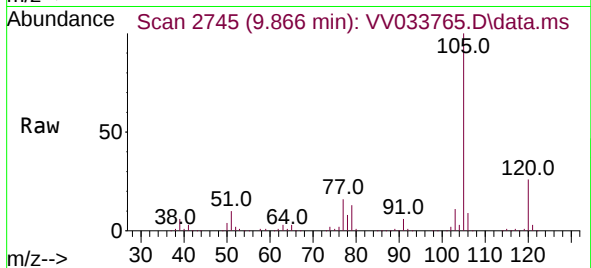
Tgt Ion: 173 Resp: 56812
 Ion Ratio Lower Upper
 173 100
 175 48.4 37.2 55.8
 254 9.5 7.4 11.0



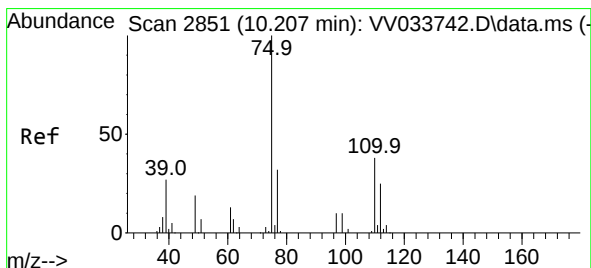
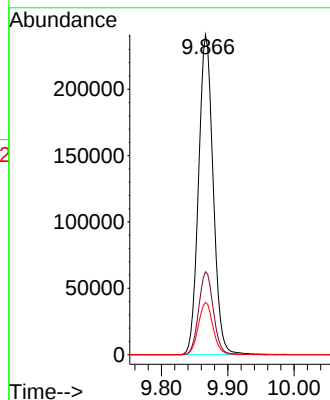
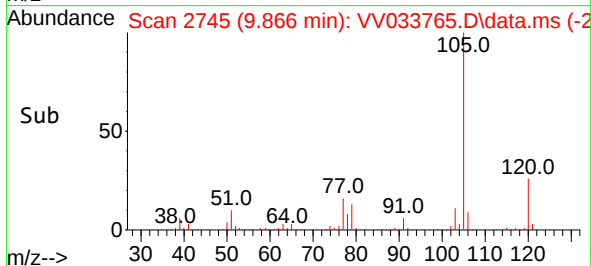


#60
Isopropylbenzene
Concen: 47.995 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :

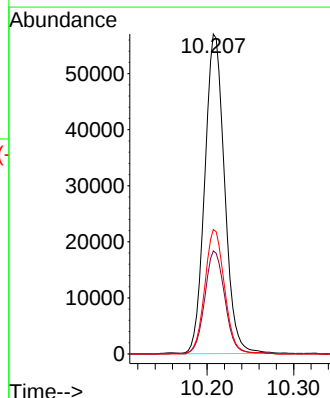
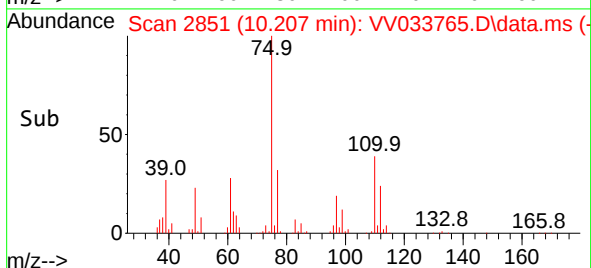
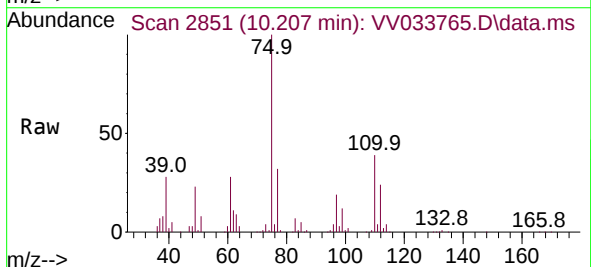


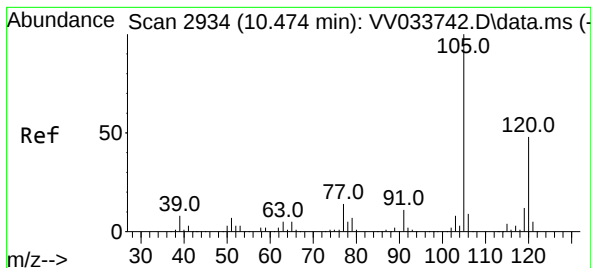
Tgt Ion:105 Resp: 368820
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 44.879 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion: 75 Resp: 90462
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 38.7 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 47.244 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

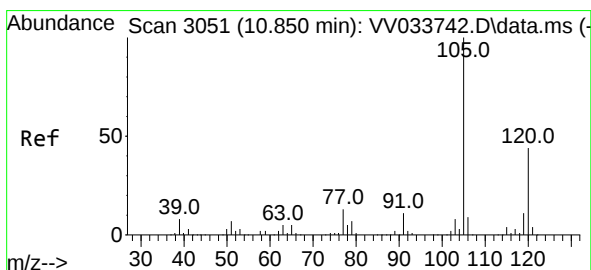
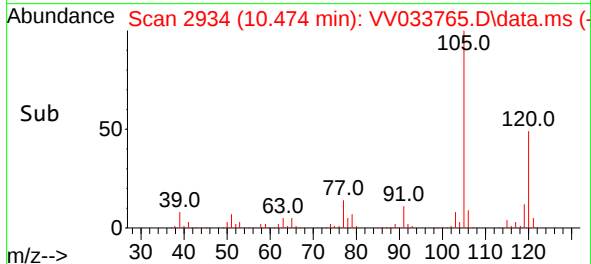
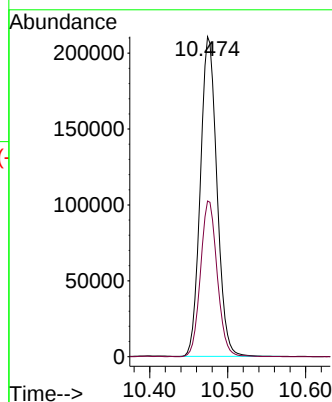
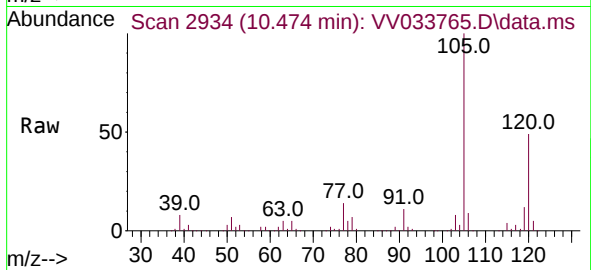
ClientSampleId :

Tgt Ion:105 Resp: 311494

Ion Ratio Lower Upper

105 100

120 49.0 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 48.121 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033765.D

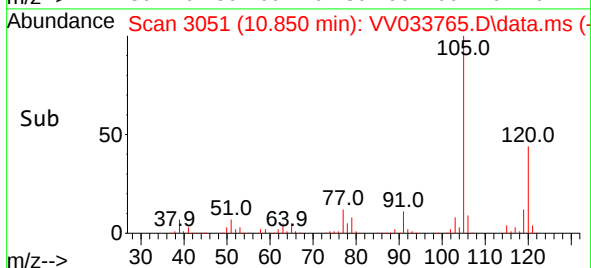
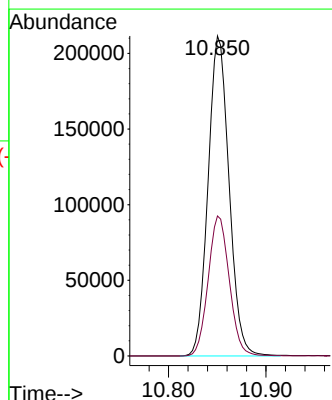
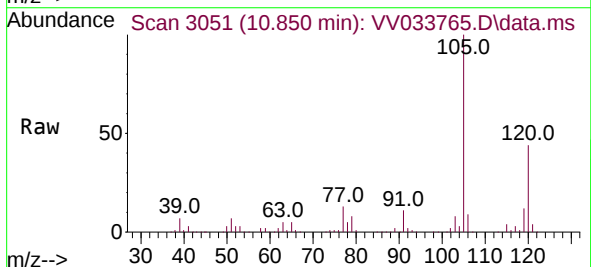
Acq: 19 Jan 2024 19:36

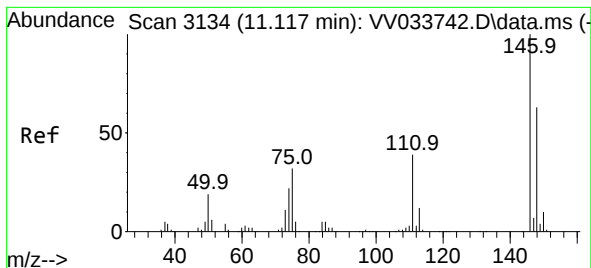
Tgt Ion:105 Resp: 316134

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 47.856 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :

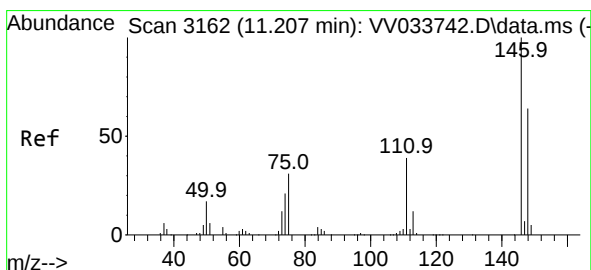
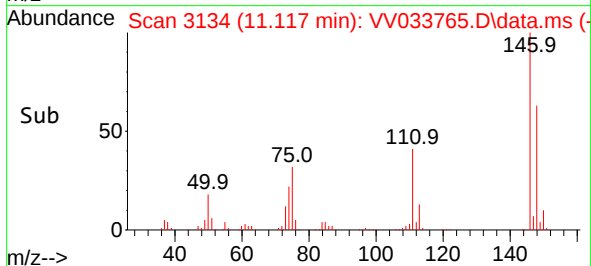
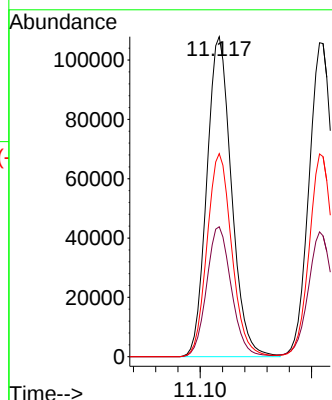
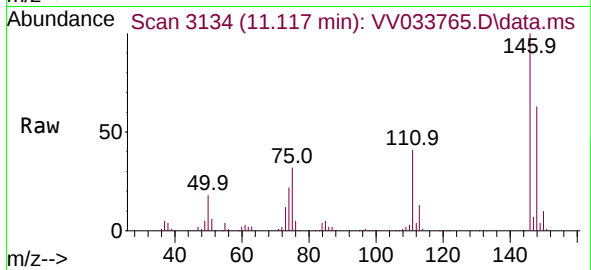
Tgt Ion:146 Resp: 166111

Ion Ratio Lower Upper

146 100

111 40.6 29.0 53.8

148 63.5 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 48.095 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

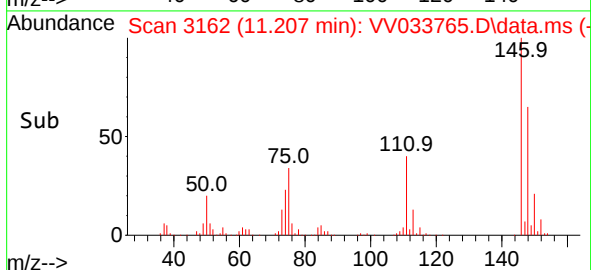
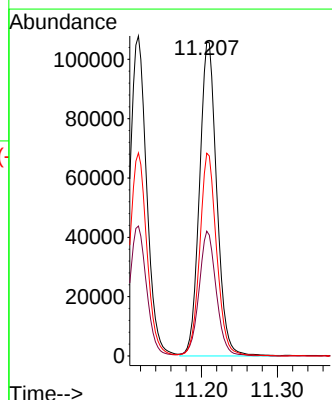
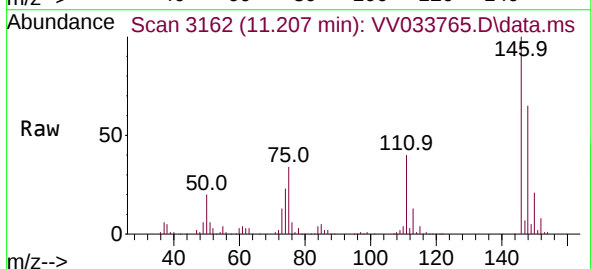
Tgt Ion:146 Resp: 167390

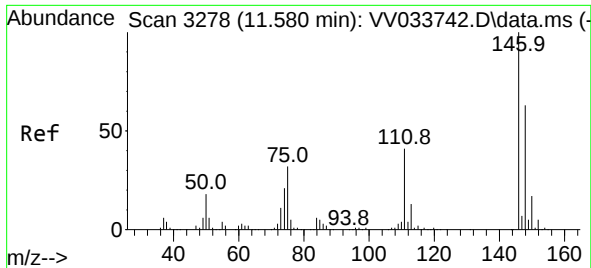
Ion Ratio Lower Upper

146 100

111 39.8 27.7 51.5

148 64.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.183 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

Instrument :

MSVOA_V

ClientSampleId :

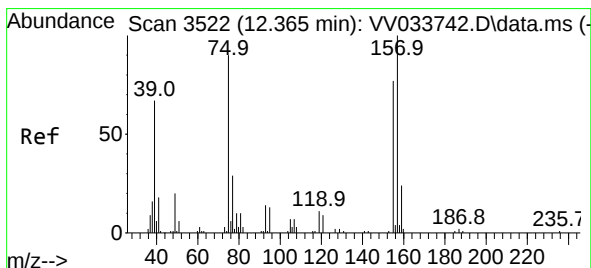
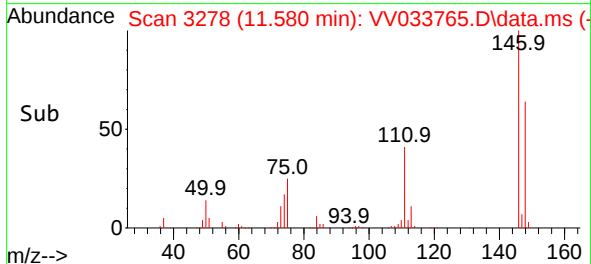
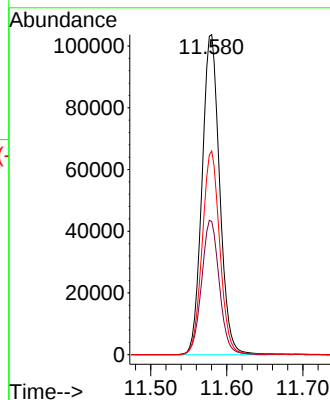
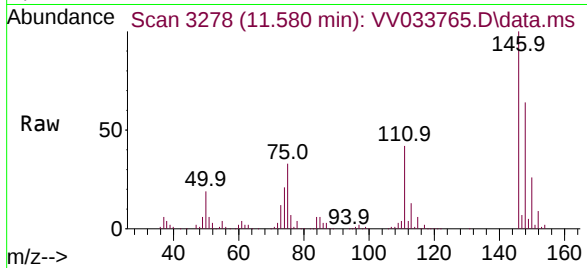
Tgt Ion:146 Resp: 166807

Ion Ratio Lower Upper

146 100

111 41.7 35.4 53.0

148 63.7 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 44.245 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033765.D

Acq: 19 Jan 2024 19:36

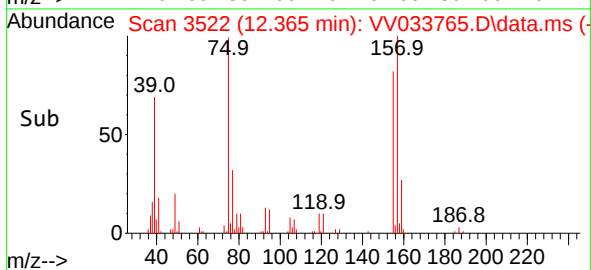
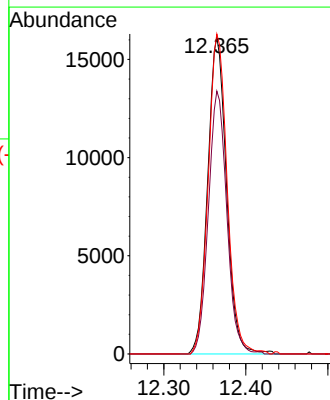
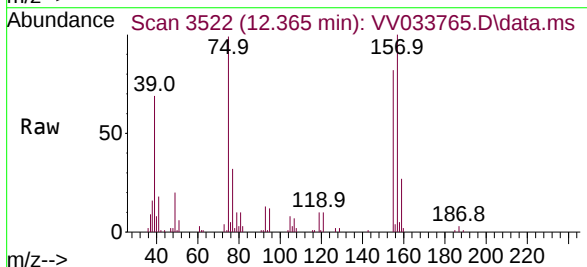
Tgt Ion: 75 Resp: 25736

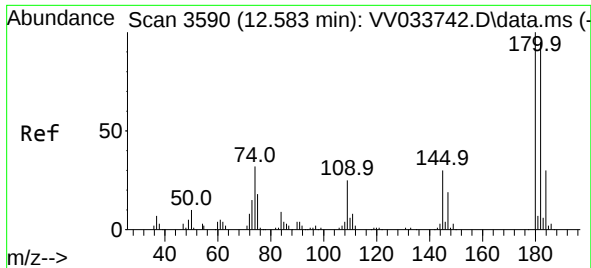
Ion Ratio Lower Upper

75 100

155 83.0 61.6 92.4

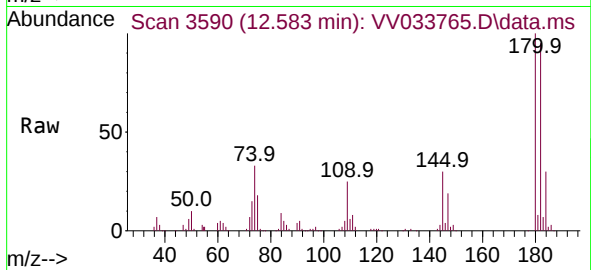
157 101.1 79.2 118.8



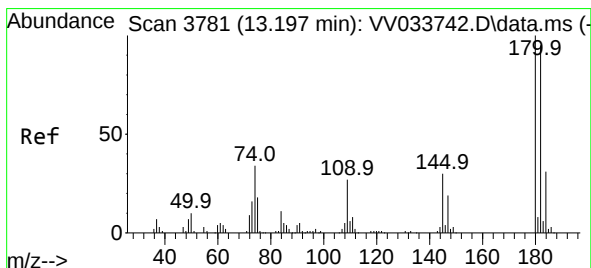
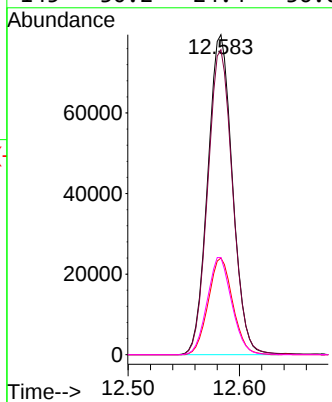
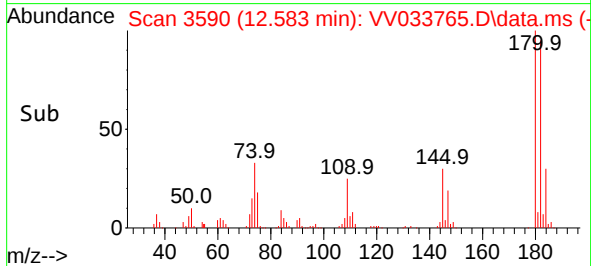


#69
 1,3,5-Trichlorobenzene
 Concen: 47.808 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033765.D
 Acq: 19 Jan 2024 19:36

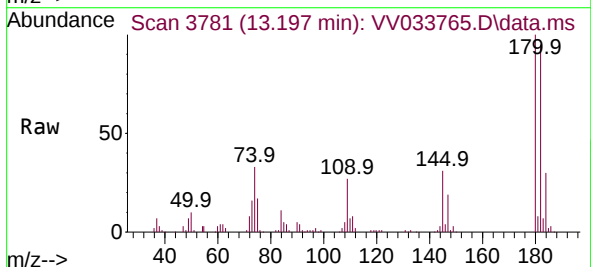
Instrument :
 MSVOA_V
 ClientSampleId :



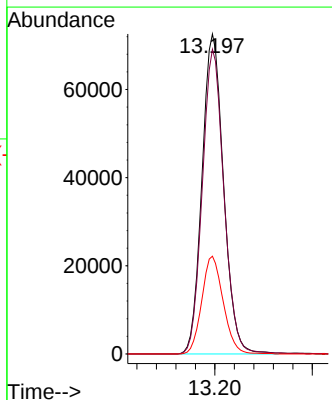
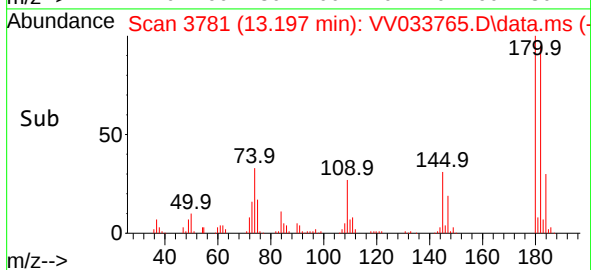
Tgt Ion:180 Resp: 122627
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.2 114.2
 184 29.8 23.9 35.9
 145 30.2 24.4 36.6

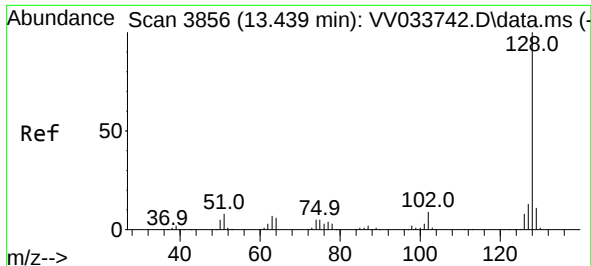


#70
 1,2,4-trichlorobenzene
 Concen: 47.926 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV033765.D
 Acq: 19 Jan 2024 19:36



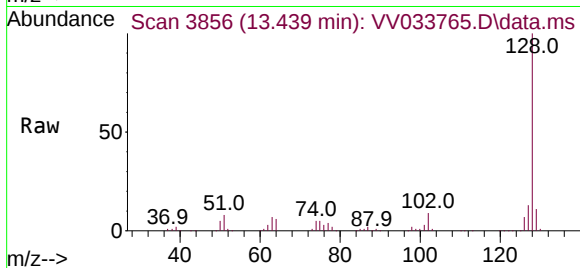
Tgt Ion:180 Resp: 111576
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.3 114.5
 145 30.3 25.4 38.0



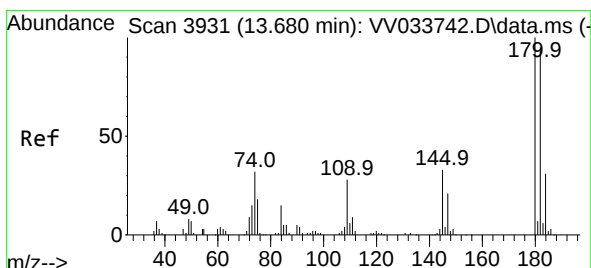
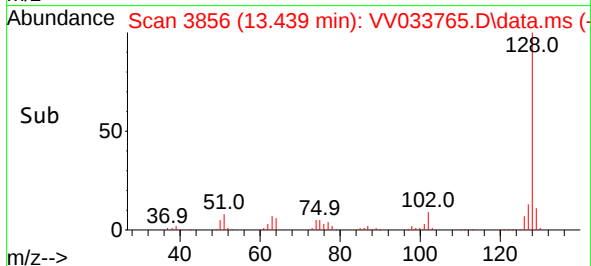
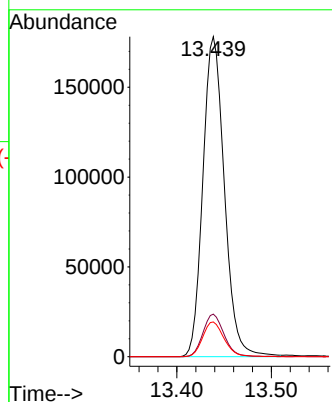


#71
Naphthalene
Concen: 46.314 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 281752
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.445 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033765.D
Acq: 19 Jan 2024 19:36

Tgt Ion:180 Resp: 107442
Ion Ratio Lower Upper
180 100
182 94.7 76.0 114.0
145 31.8 26.3 39.5

