

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033870.D
 Acq On : 25 Jan 2024 16:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 21:21:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	94911	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37315	5.076	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.532	69	31647	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.060	65	17043	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.812	46	71824	58.180	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.360%
24) Chloroform-d	4.252	84	68208	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	4.947	65	32994	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.960	84	128899	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.992	67	37903	5.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.243	98	119359	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.558	79	13321	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.027	63	59570	60.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24464	5.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	42751	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43929	5.051	ug/L	98
3) Chloromethane	1.217	50	47413	4.997	ug/L	97
5) Vinyl chloride	1.285	62	45939	5.067	ug/L	87
6) Bromomethane	1.491	94	22532	4.720	ug/L	97
8) Chloroethane	1.552	64	29376	4.750	ug/L	87
9) Trichlorofluoromethane	1.716	101	66897	5.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	35093	5.139	ug/L	99
12) 1,1-Dichloroethene	2.072	96	34203	5.159	ug/L	95
13) Acetone	2.140	43	45879	48.986	ug/L #	37
14) Carbon disulfide	2.243	76	108941	5.078	ug/L	98
15) Methyl Acetate	2.391	43	10582	4.774	ug/L	95
16) Methylene chloride	2.449	84	32680	5.137	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	73500	5.395	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	32646	4.834	ug/L	96
19) 1,1-Dichloroethane	3.114	63	64734	5.217	ug/L	97
21) 2-Butanone	3.896	43	64162	51.842	ug/L #	53
22) cis-1,2-Dichloroethene	3.818	96	36709	4.791	ug/L	97
23) Bromochloromethane	4.153	128	14357	5.390	ug/L	93
25) Chloroform	4.278	83	63935	5.097	ug/L	96

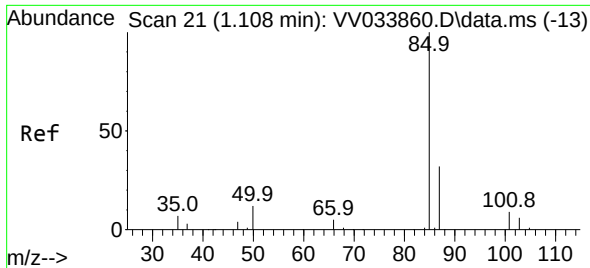
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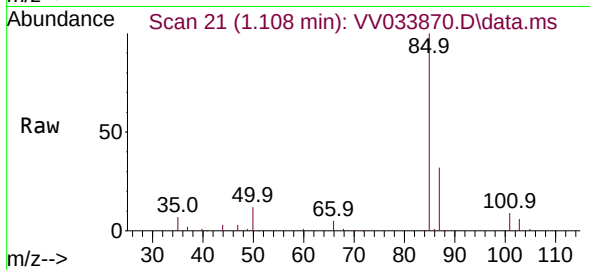
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	39024	5.433	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	60834	5.180	ug/L	98
30) Cyclohexane	4.584	56	58242	5.100	ug/L	99
31) Carbon tetrachloride	4.738	117	52376	5.097	ug/L	99
33) Benzene	5.011	78	133841	5.102	ug/L	100
34) Trichloroethene	5.838	95	37287	4.911	ug/L	95
35) Methylcyclohexane	6.050	83	59835	5.021	ug/L	99
37) 1,2-Dichloropropane	6.095	63	32345	5.090	ug/L	100
38) Bromodichloromethane	6.436	83	43215	5.181	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	47815	4.945	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	171452	56.342	ug/L	100
42) Toluene	7.317	91	146583	5.228	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	38148	5.138	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	20590	5.247	ug/L	98
47) Tetrachloroethene	7.908	164	29304	4.750	ug/L	97
48) 2-Hexanone	8.079	43	119253	55.595	ug/L	98
49) Dibromochloromethane	8.178	129	24656	5.288	ug/L	98
50) 1,2-Dibromoethane	8.284	107	18915	5.370	ug/L #	95
51) Chlorobenzene	8.815	112	90712	5.117	ug/L	99
52) Ethylbenzene	8.947	91	167799	5.199	ug/L	99
53) m,p-Xylene	9.075	106	63541	5.210	ug/L	97
54) o-Xylene	9.477	106	61171	5.201	ug/L	99
55) Styrene	9.497	104	101996	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	22791	5.503	ug/L	98
59) Bromoform	9.667	173	12288	4.898	ug/L	98
60) Isopropylbenzene	9.866	105	169373	5.026	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	16581	5.296	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	141687	4.974	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	142898	5.163	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	75390	5.131	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	72577	4.989	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	65344	5.178	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	3688	5.621	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	57573	5.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	46777	5.270	ug/L	99
71) Naphthalene	13.442	128	62857	5.404	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38387	5.397	ug/L	98

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

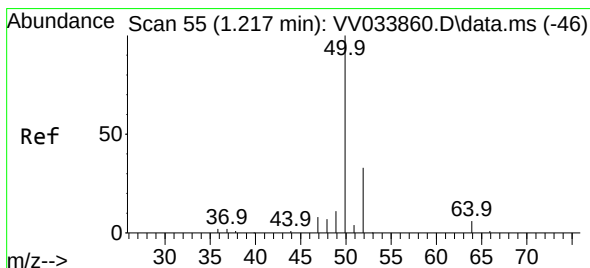
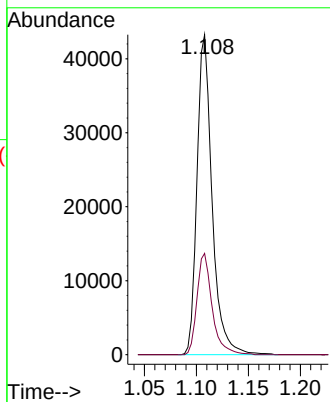
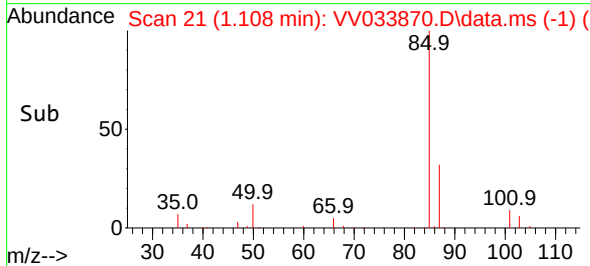


#2
Dichlorodifluoromethane
Concen: 5.051 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Instrument :
MSVOA_V
ClientSampleId :

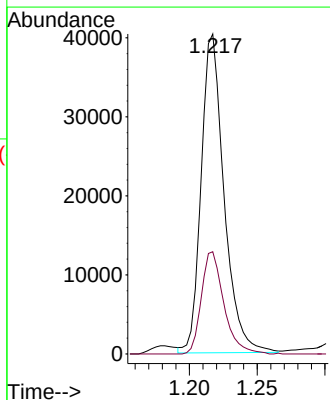
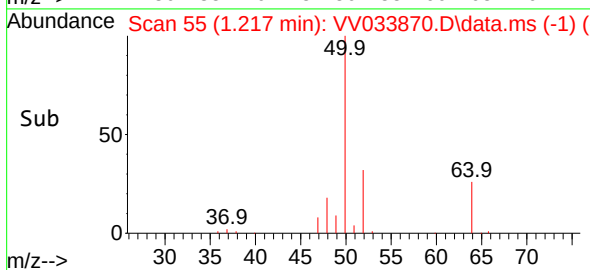
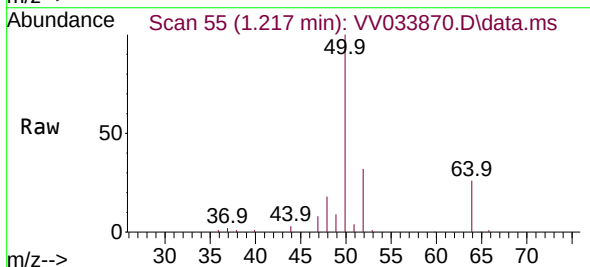


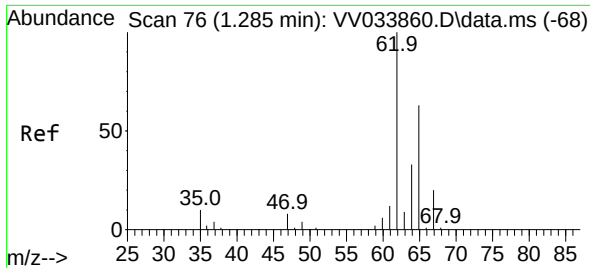
Tgt Ion: 85 Resp: 43929
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4



#3
Chloromethane
Concen: 4.997 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 50 Resp: 47413
Ion Ratio Lower Upper
50 100
52 32.0 23.4 43.4

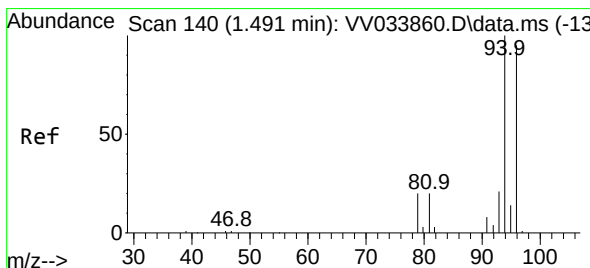
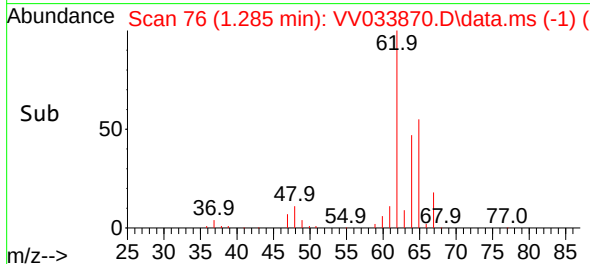
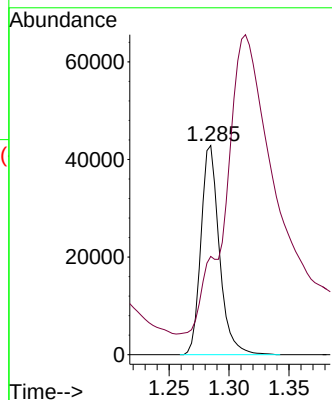
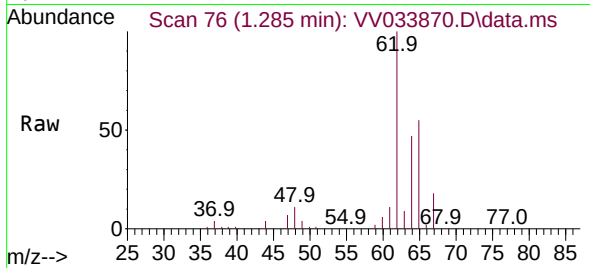




#5
 Vinyl chloride
 Concen: 5.067 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033870.D
 Acq: 25 Jan 2024 16:01

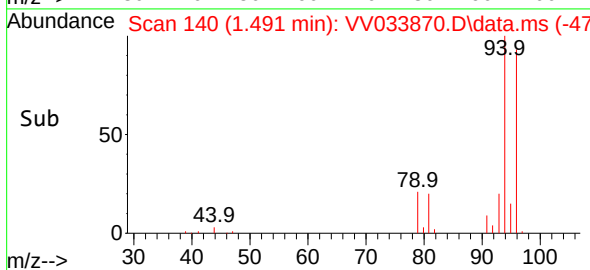
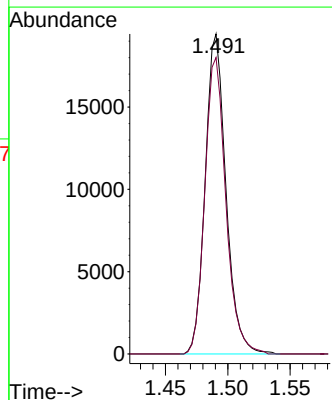
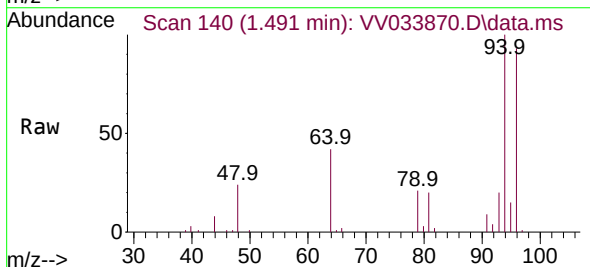
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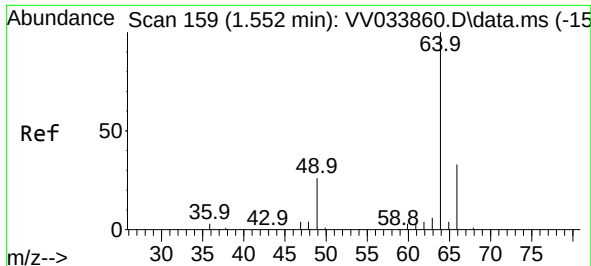
Tgt Ion: 62 Resp: 45939
 Ion Ratio Lower Upper
 62 100
 64 47.0 27.2 50.4



#6
 Bromomethane
 Concen: 4.720 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033870.D
 Acq: 25 Jan 2024 16:01

Tgt Ion: 94 Resp: 22532
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.6 123.8

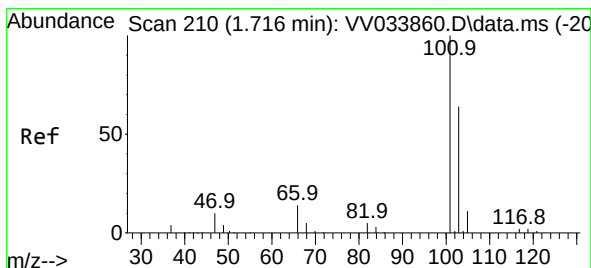
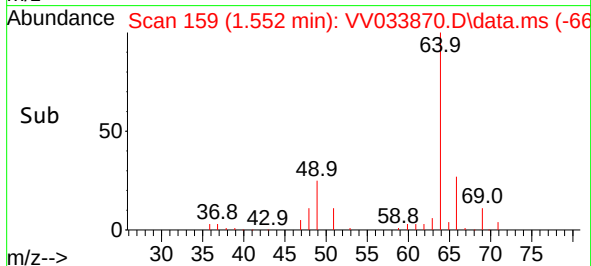
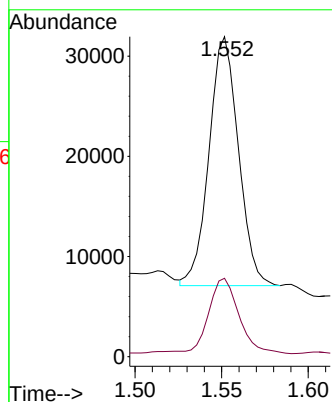
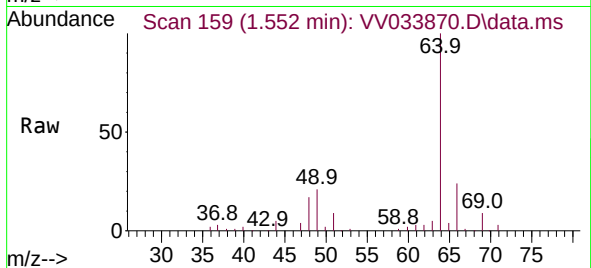




#8
Chloroethane
Concen: 4.750 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

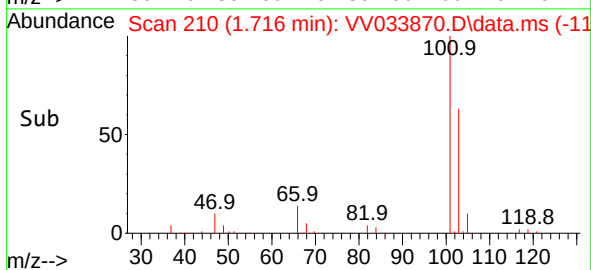
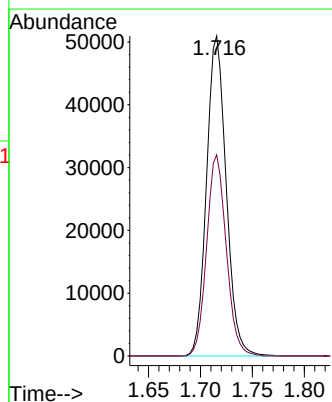
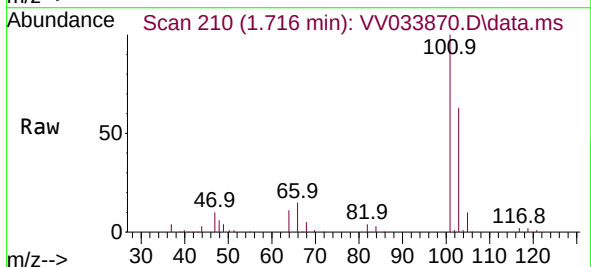
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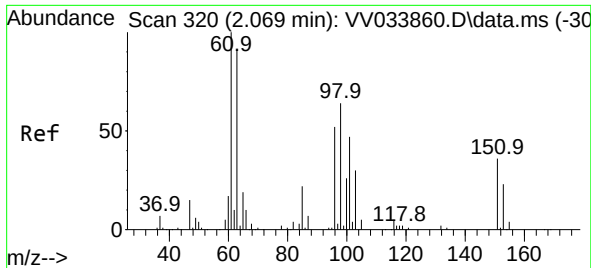
Tgt Ion: 64 Resp: 29376
Ion Ratio Lower Upper
64 100
66 24.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.121 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion:101 Resp: 66897
Ion Ratio Lower Upper
101 100
103 62.7 51.0 76.4

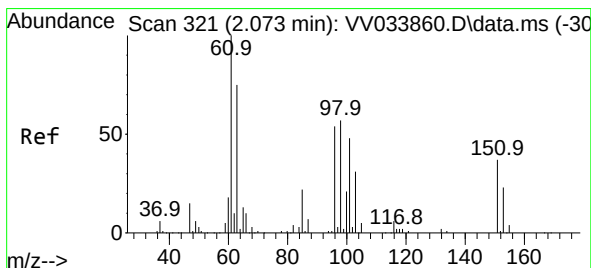
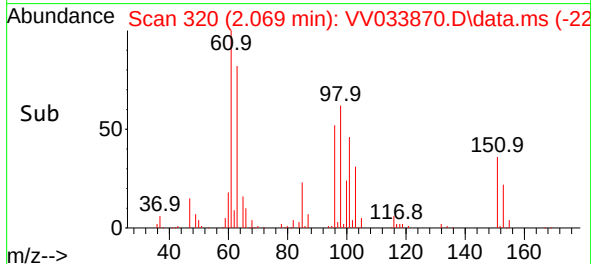
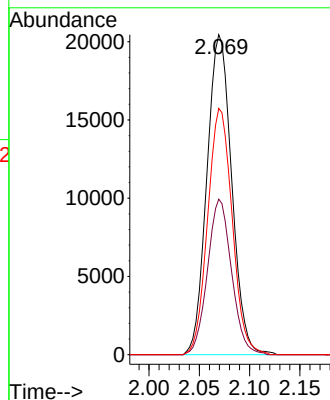
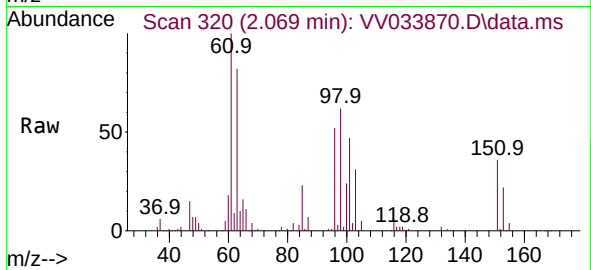




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.139 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033870.D
 Acq: 25 Jan 2024 16:01

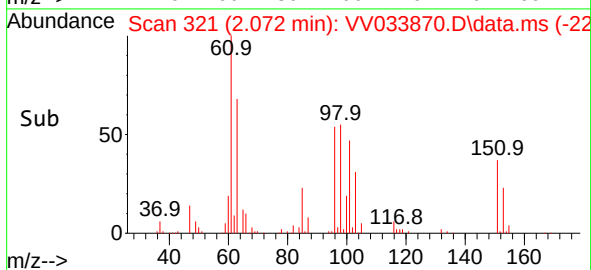
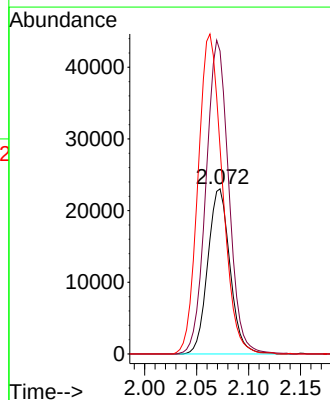
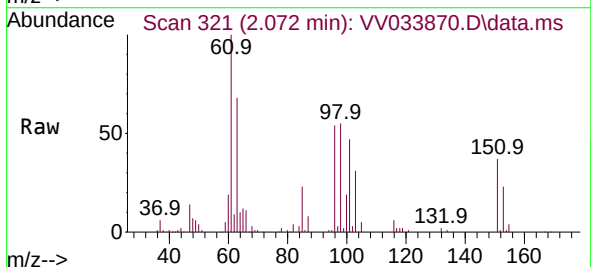
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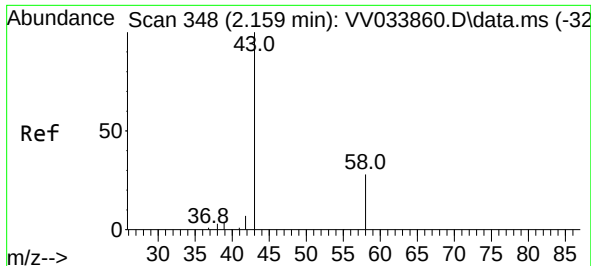
Tgt Ion:101 Resp: 35093
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.1 55.7
 151 76.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.159 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033870.D
 Acq: 25 Jan 2024 16:01

Tgt Ion: 96 Resp: 34203
 Ion Ratio Lower Upper
 96 100
 61 183.5 128.8 239.2
 63 125.1 97.9 181.9





#13

Acetone

Concen: 48.986 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

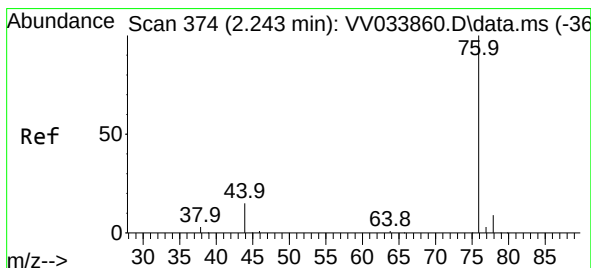
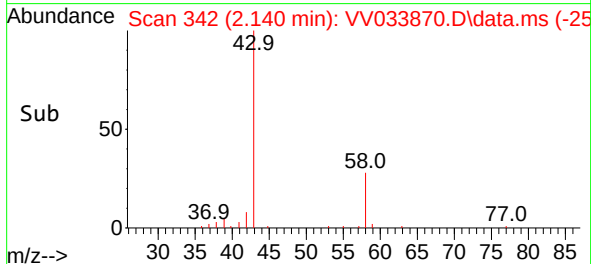
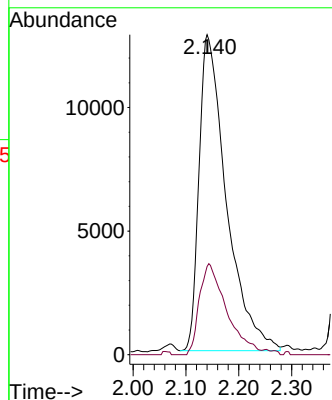
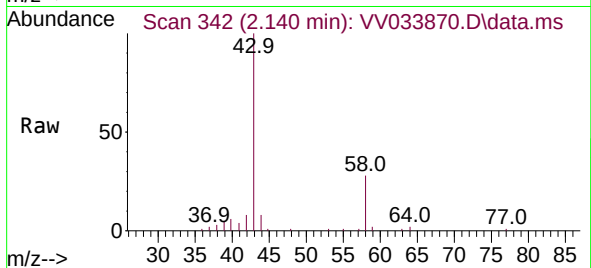
ClientSampleId :

Tgt Ion: 43 Resp: 45879

Ion Ratio Lower Upper

43 100

58 28.6 0.0 13.8#



#14

Carbon disulfide

Concen: 5.078 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033870.D

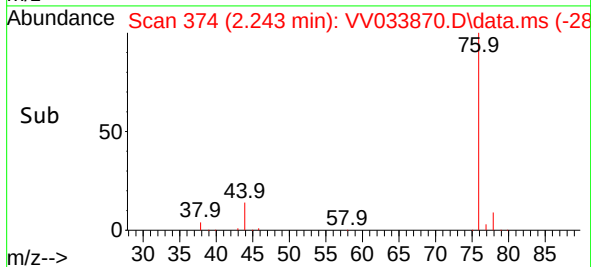
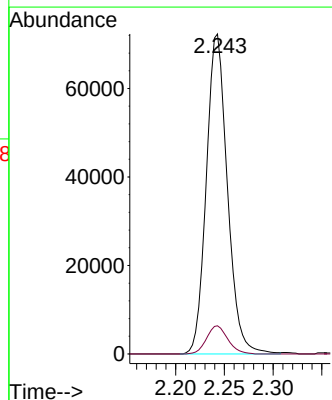
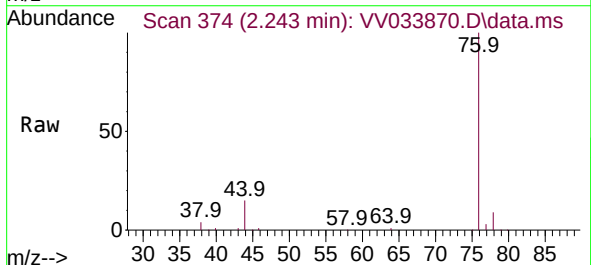
Acq: 25 Jan 2024 16:01

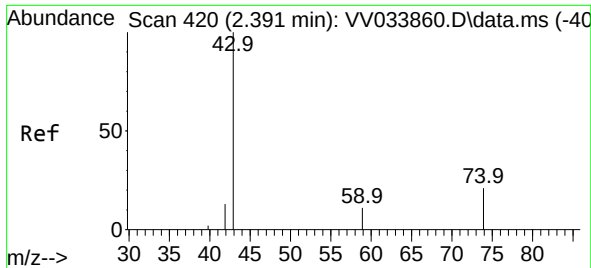
Tgt Ion: 76 Resp: 108941

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

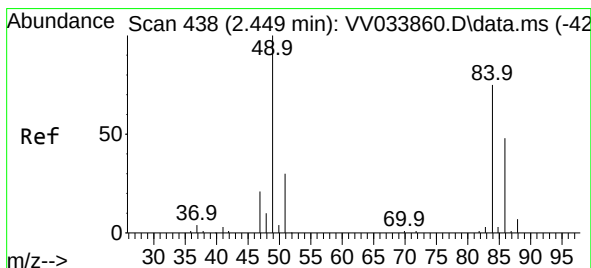
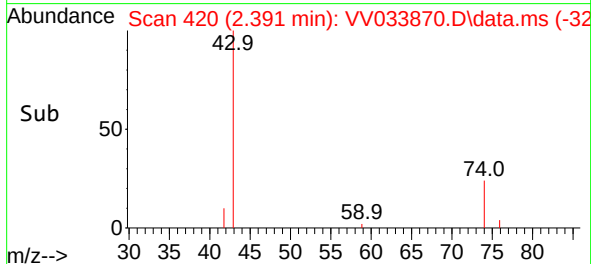
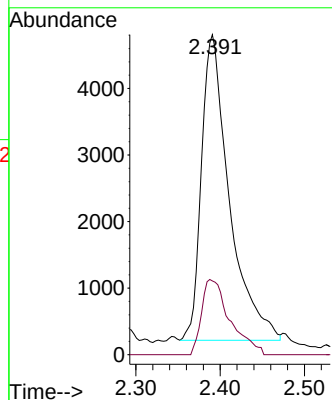
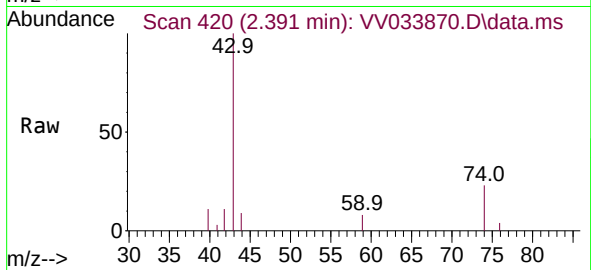




#15
Methyl Acetate
Concen: 4.774 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

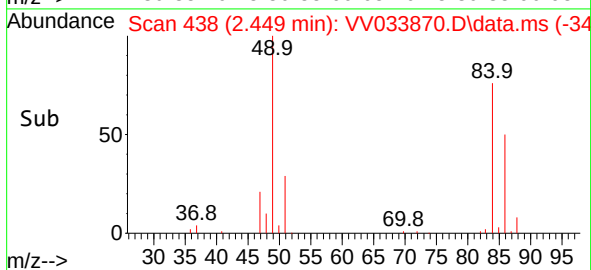
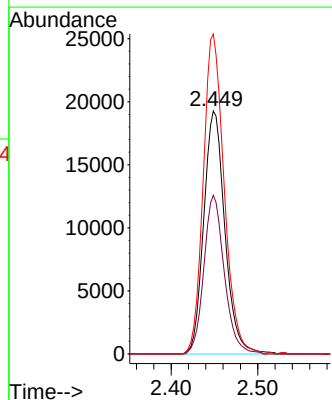
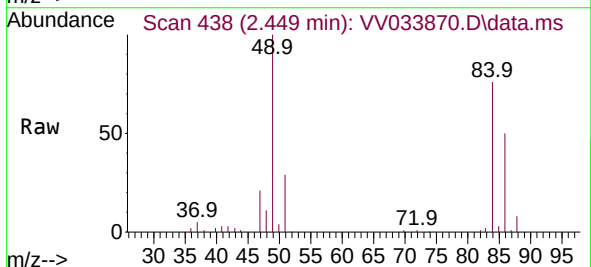
Instrument :
MSVOA_V
ClientSampleId :

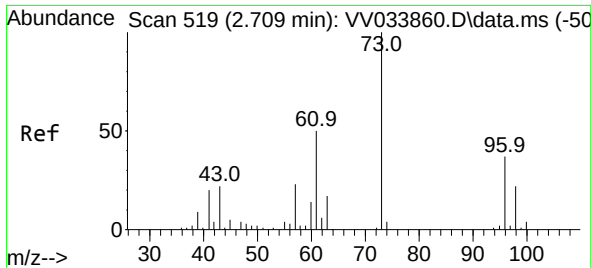
Tgt Ion: 43 Resp: 10582
Ion Ratio Lower Upper
43 100
74 25.0 18.2 27.4



#16
Methylene chloride
Concen: 5.137 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 84 Resp: 32680
Ion Ratio Lower Upper
84 100
86 65.3 44.7 83.1
49 131.7 93.7 173.9

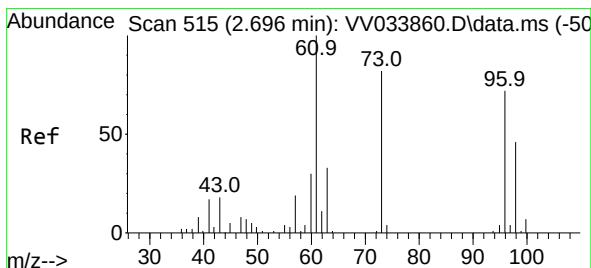
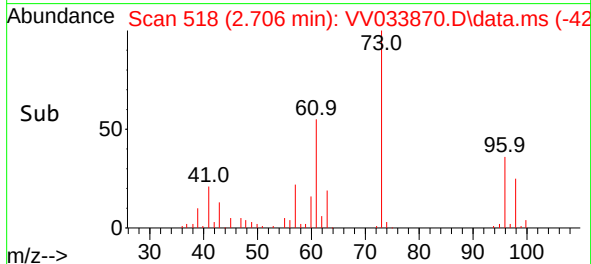
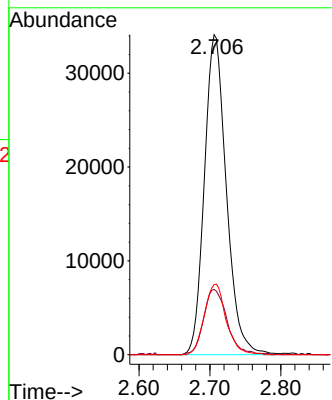
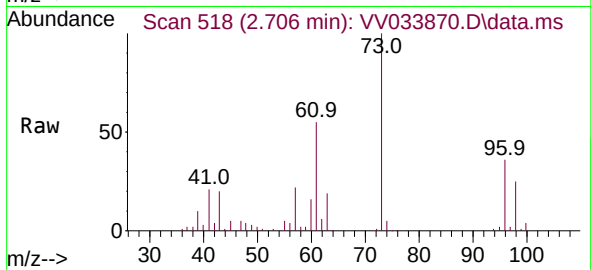




#17
Methyl tert-butyl Ether
Concen: 5.395 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

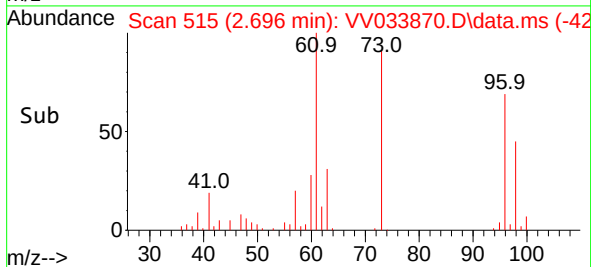
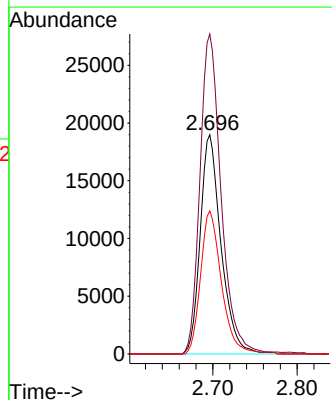
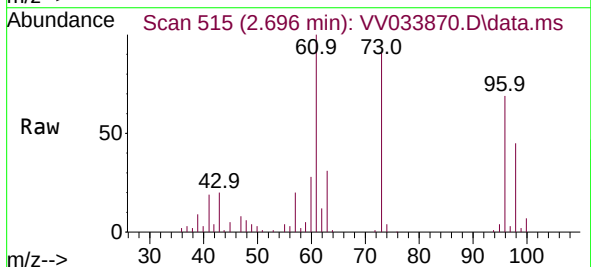
Instrument :
MSVOA_V
ClientSampleId :

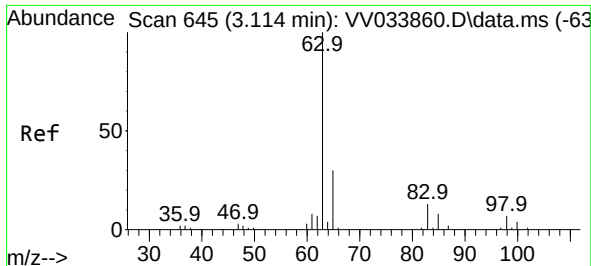
Tgt Ion: 73 Resp: 73500
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5
57 21.9 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.834 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 96 Resp: 32646
Ion Ratio Lower Upper
96 100
61 146.0 97.6 181.4
98 65.2 44.4 82.5

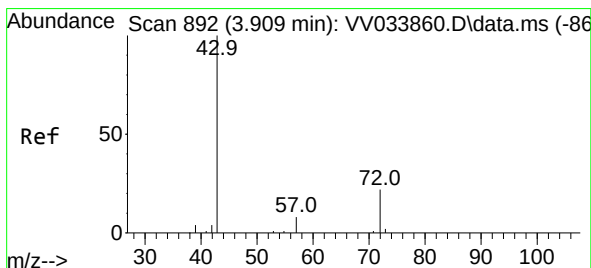
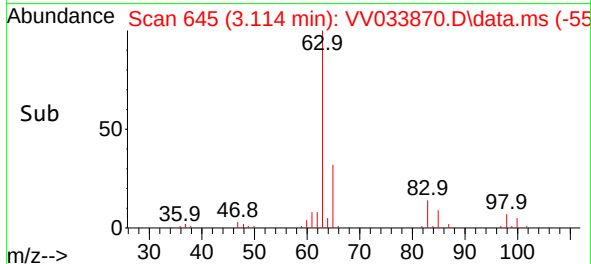
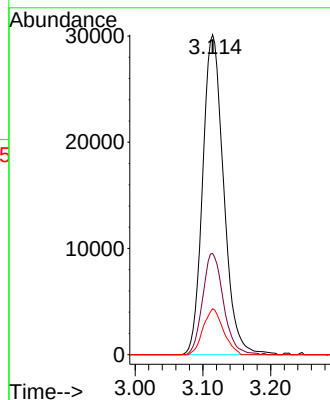
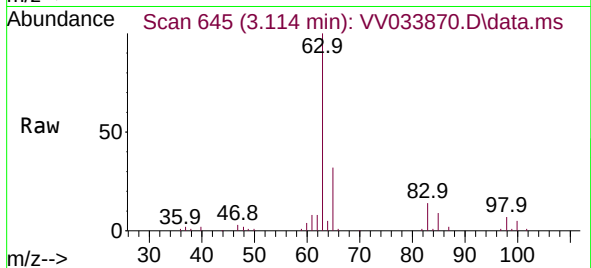




#19
1,1-Dichloroethane
Concen: 5.217 ug/L
RT: 3.114 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

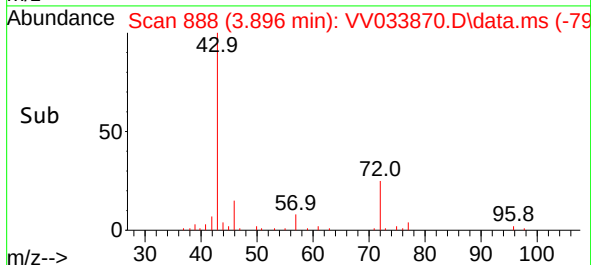
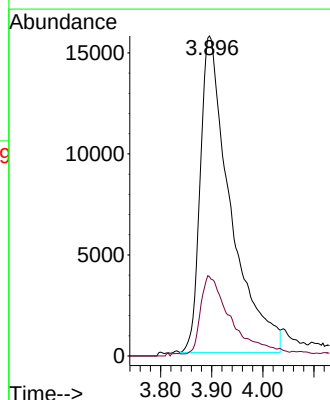
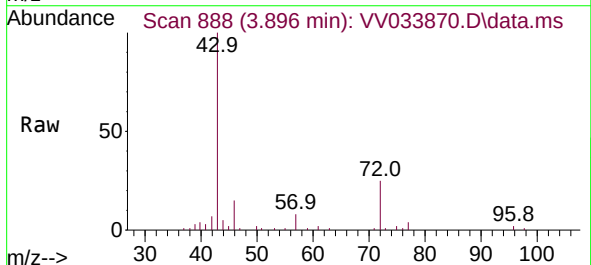
Instrument :
MSVOA_V
ClientSampleId :

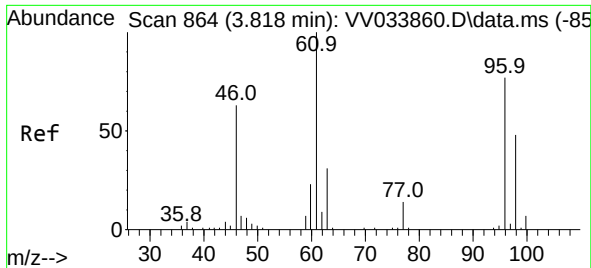
Tgt Ion: 63 Resp: 64734
Ion Ratio Lower Upper
63 100
65 31.6 20.8 38.6
83 14.3 9.4 17.4



#21
2-Butanone
Concen: 51.842 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.013 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 43 Resp: 64162
Ion Ratio Lower Upper
43 100
72 24.6 4.0 11.9#

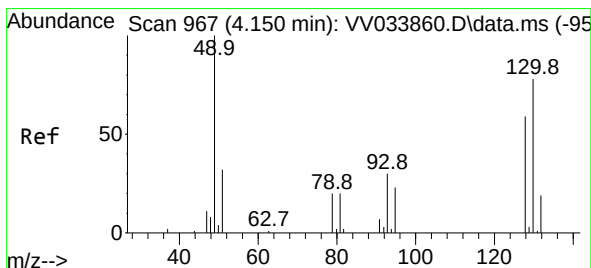
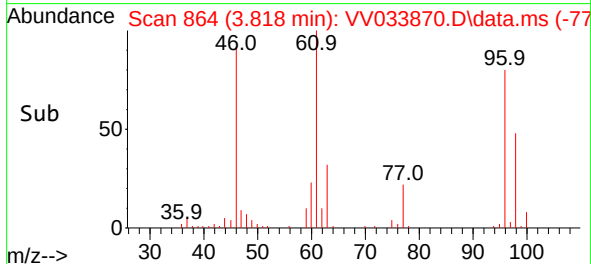
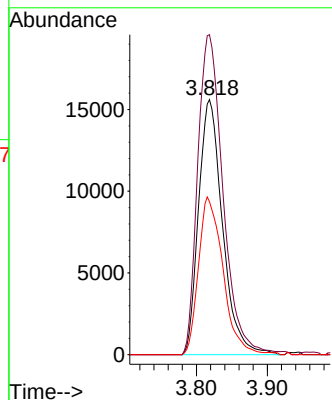
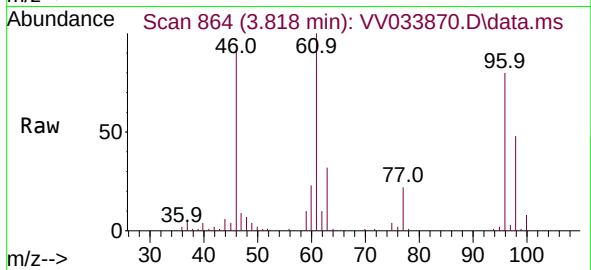




#22
 cis-1,2-Dichloroethene
 Concen: 4.791 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV033870.D
 Acq: 25 Jan 2024 16:01

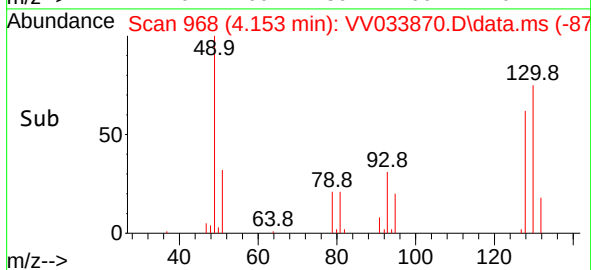
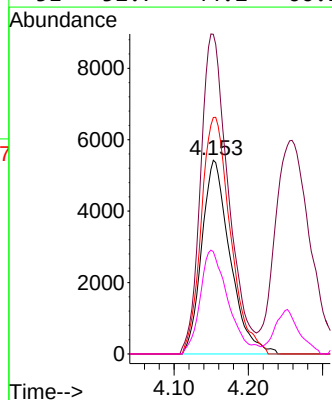
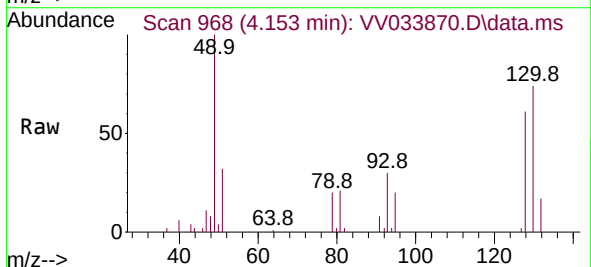
Instrument :
 MSVOA_V
 ClientSampleId :

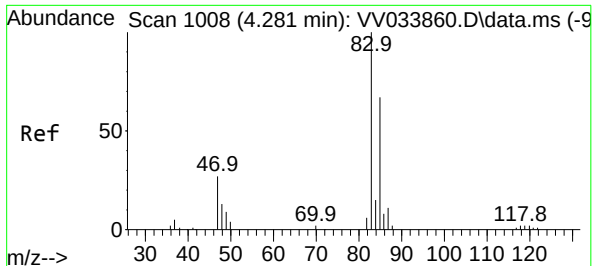
Tgt Ion: 96 Resp: 36709
 Ion Ratio Lower Upper
 96 100
 61 125.5 90.3 167.7
 98 60.0 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.390 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV033870.D
 Acq: 25 Jan 2024 16:01

Tgt Ion:128 Resp: 14357
 Ion Ratio Lower Upper
 128 100
 49 164.9 120.5 223.7
 130 122.0 93.4 173.4
 51 52.7 44.2 66.2





#25

Chloroform

Concen: 5.097 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

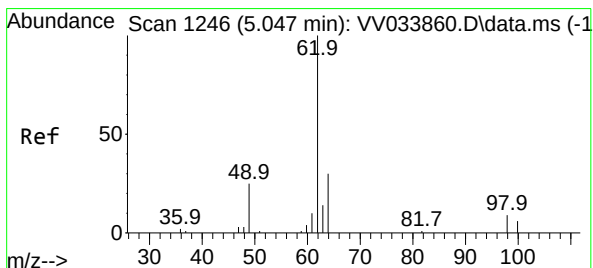
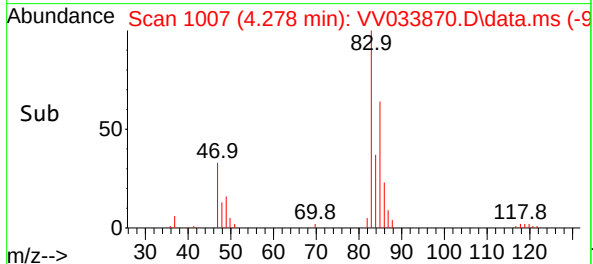
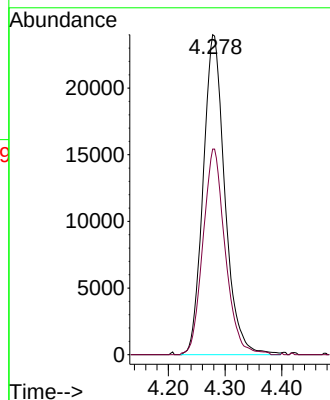
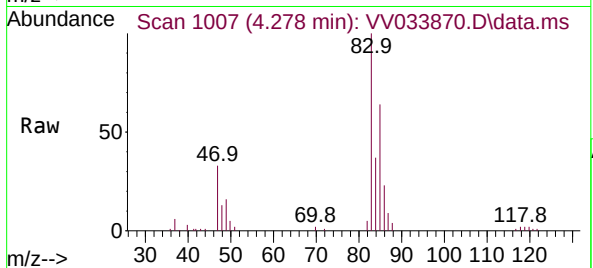
ClientSampleId :

Tgt Ion: 83 Resp: 63935

Ion Ratio Lower Upper

83 100

85 64.3 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.433 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV033870.D

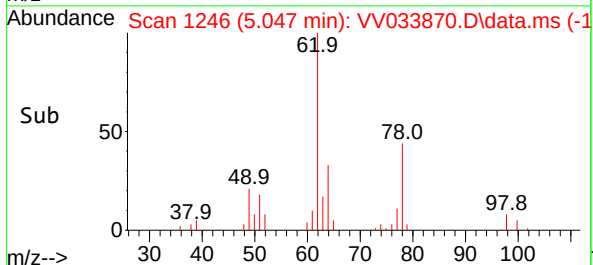
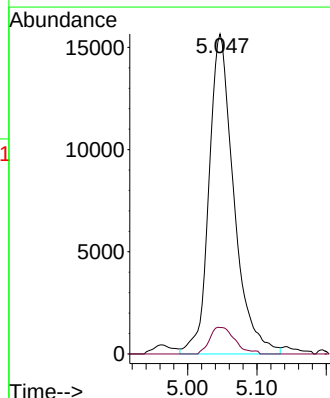
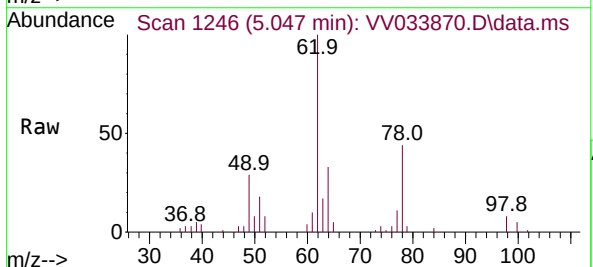
Acq: 25 Jan 2024 16:01

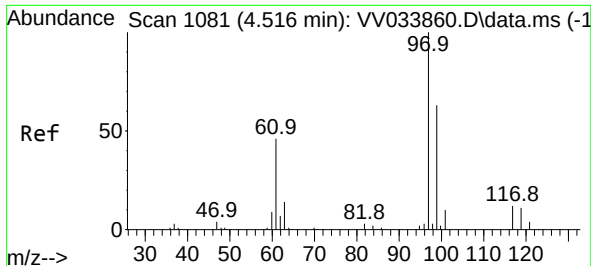
Tgt Ion: 62 Resp: 39024

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.180 ug/L

RT: 4.516 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

ClientSampleId :

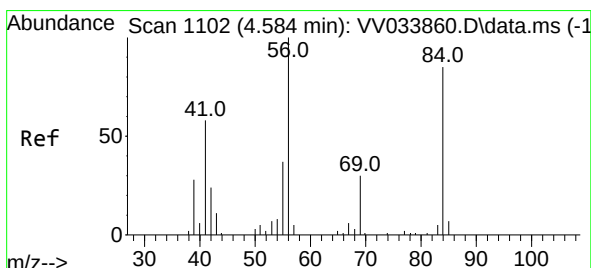
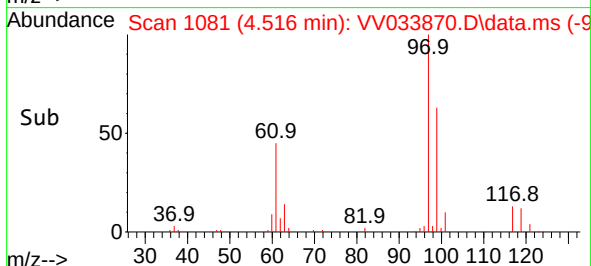
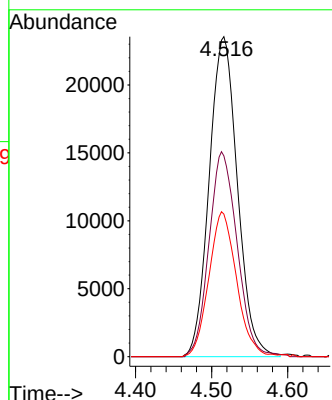
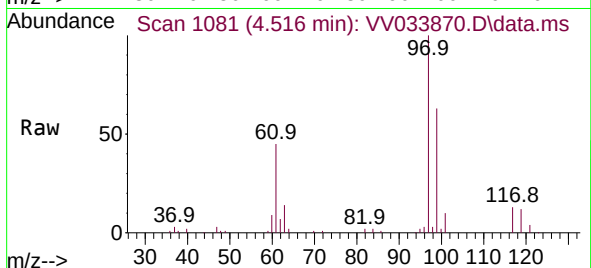
Tgt Ion: 97 Resp: 60834

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 44.4 36.8 55.2



#30

Cyclohexane

Concen: 5.100 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

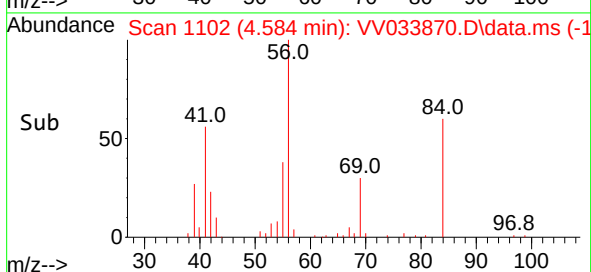
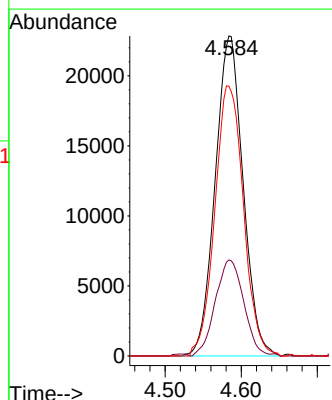
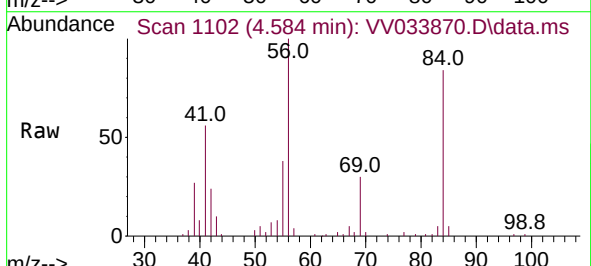
Tgt Ion: 56 Resp: 58242

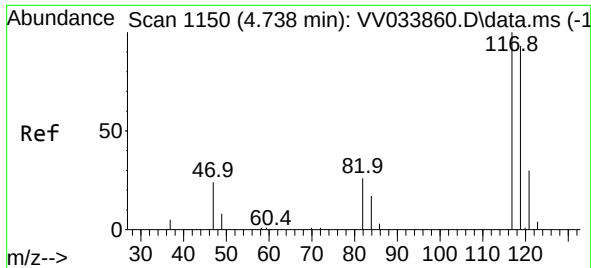
Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 86.5 70.0 105.0

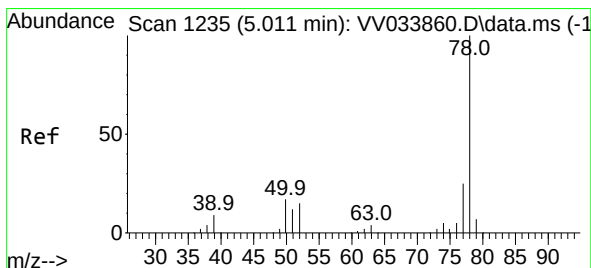
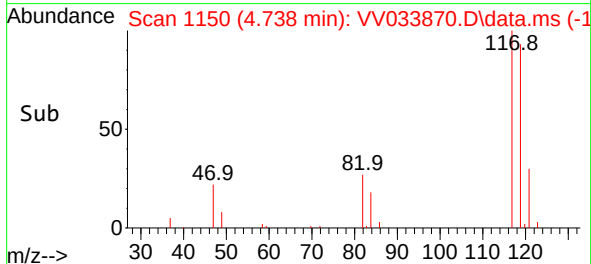
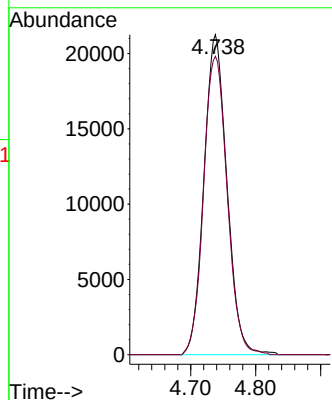
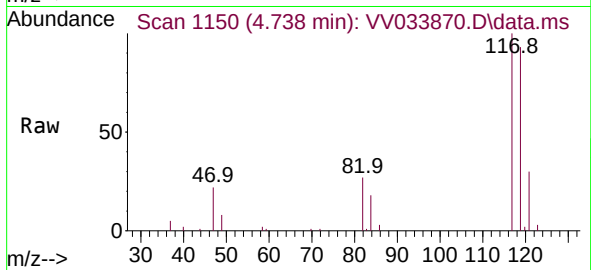




#31
Carbon tetrachloride
Concen: 5.097 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

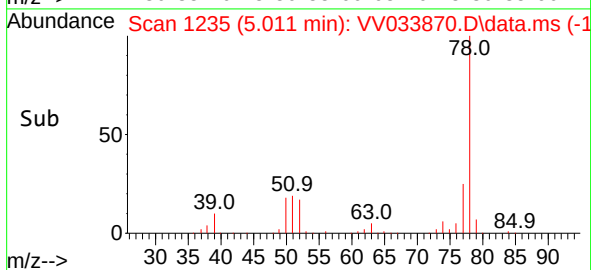
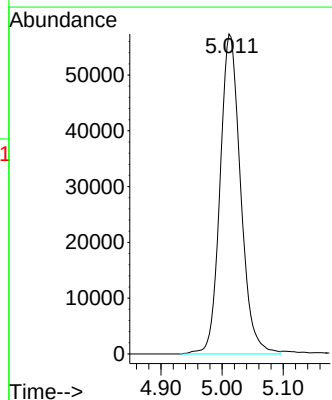
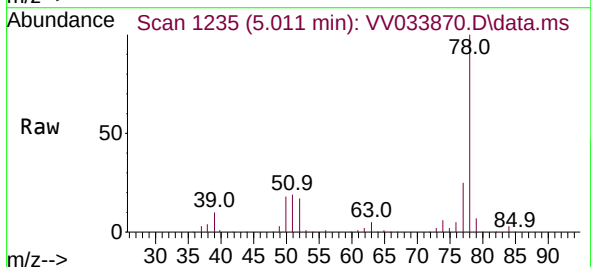
Instrument :
MSVOA_V
ClientSampleId :

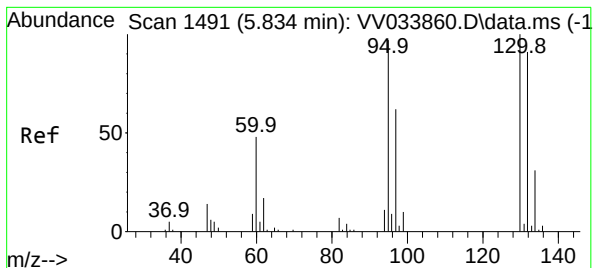
Tgt Ion:117 Resp: 52376
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 5.102 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 78 Resp: 133841





#34

Trichloroethene

Concen: 4.911 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37287

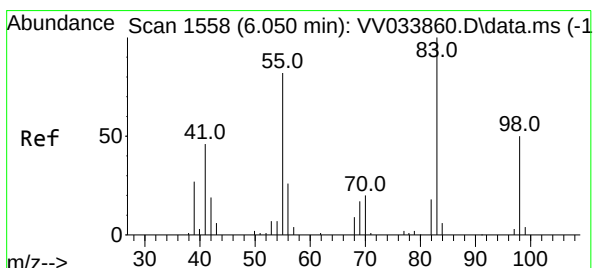
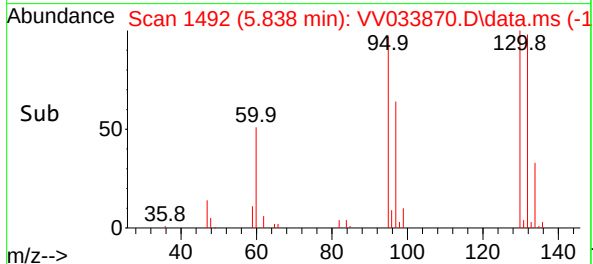
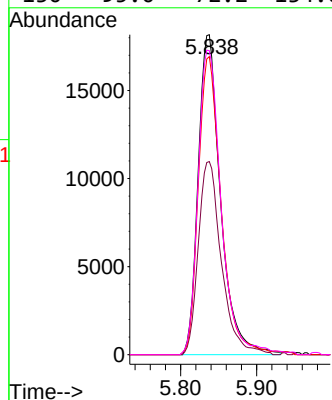
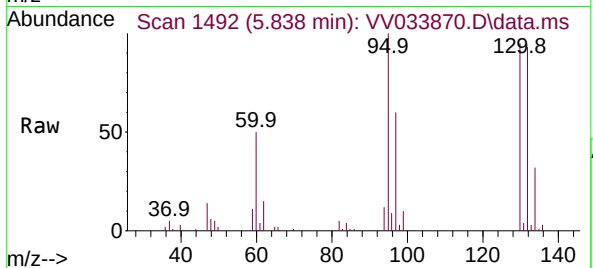
Ion Ratio Lower Upper

95 100

97 60.4 45.1 83.7

132 93.1 66.0 122.6

130 95.0 72.2 134.0



#35

Methylcyclohexane

Concen: 5.021 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

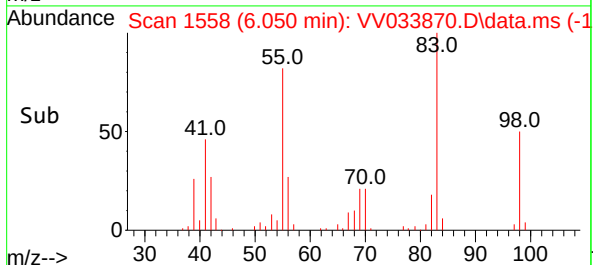
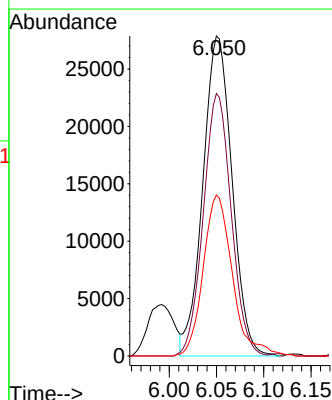
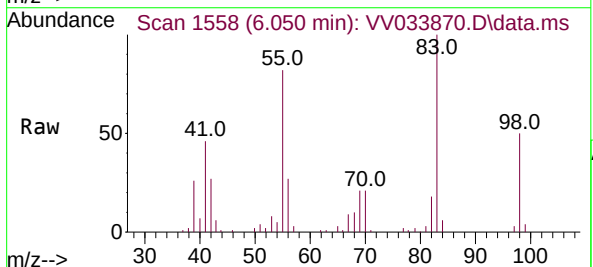
Tgt Ion: 83 Resp: 59835

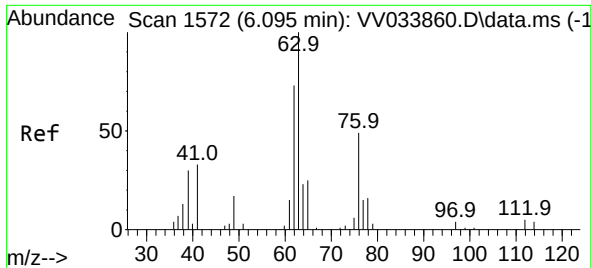
Ion Ratio Lower Upper

83 100

55 78.6 63.5 95.3

98 50.3 39.0 58.4

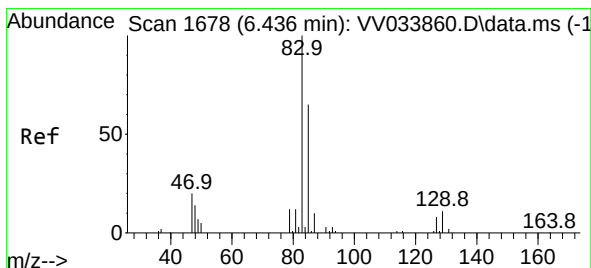
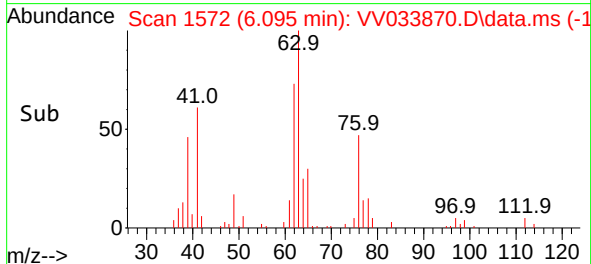
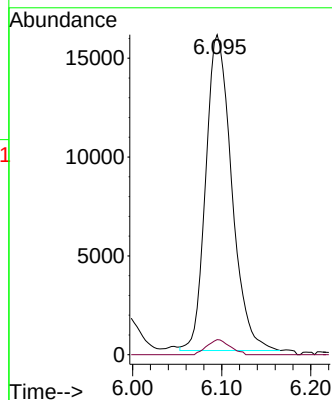
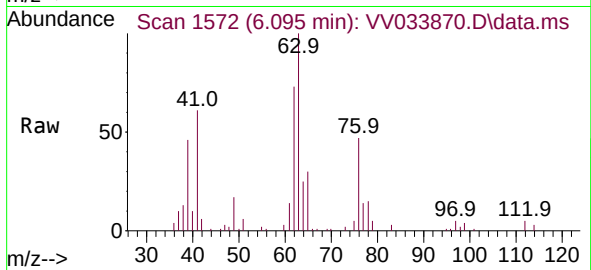




#37
1,2-Dichloropropane
Concen: 5.090 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

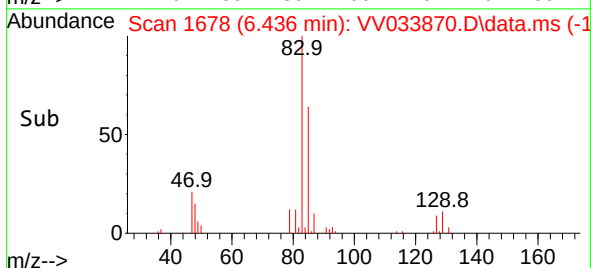
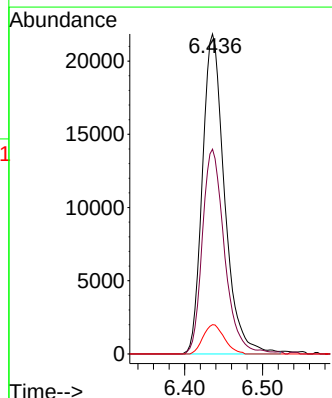
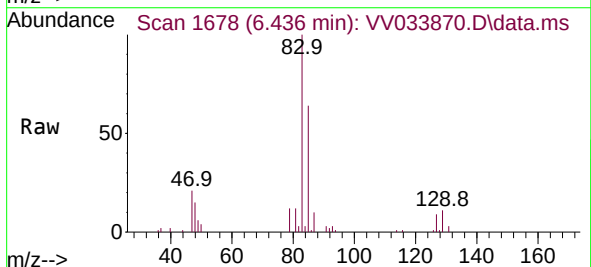
Instrument :
MSVOA_V
ClientSampleId :

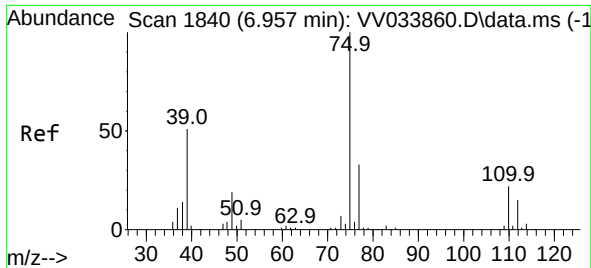
Tgt Ion: 63 Resp: 32345
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.181 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 83 Resp: 43215
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.2
127 9.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.945 ug/L

RT: 6.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

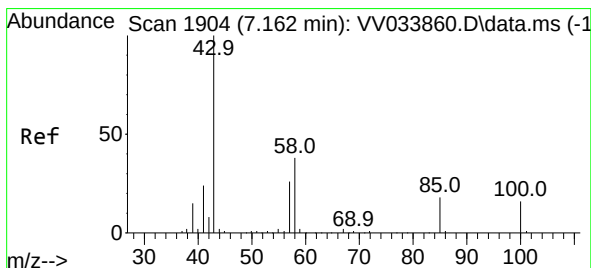
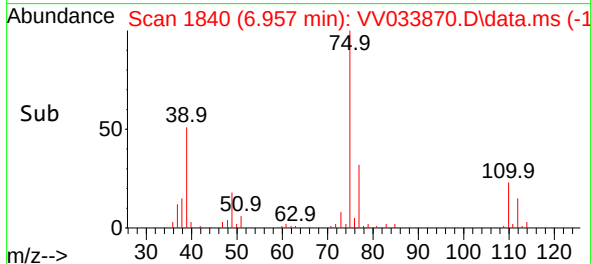
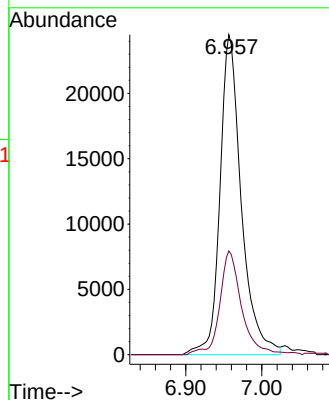
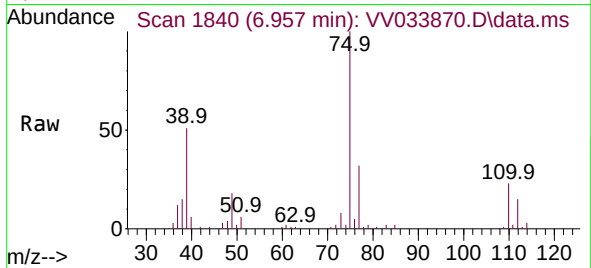
ClientSampleId :

Tgt Ion: 75 Resp: 47815

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.342 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

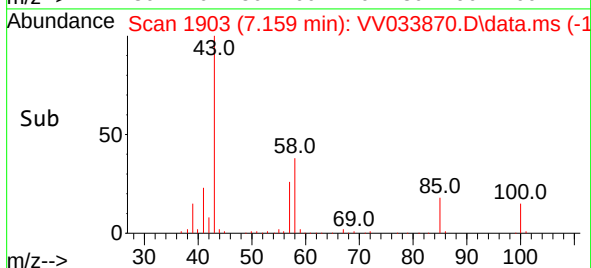
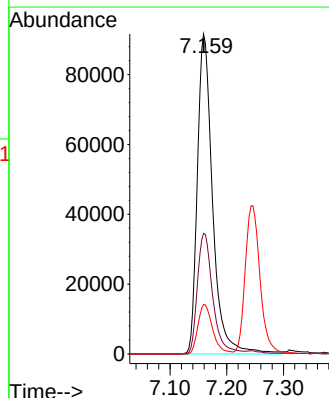
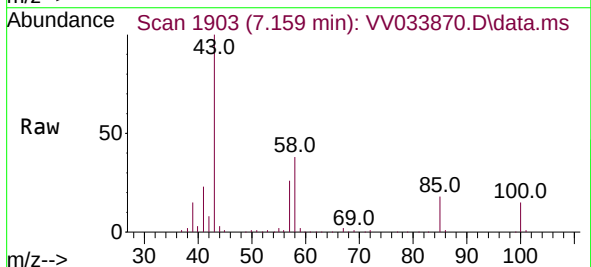
Tgt Ion: 43 Resp: 171452

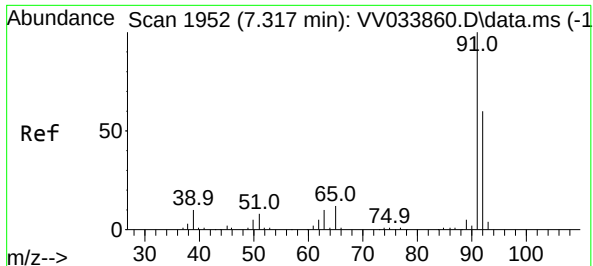
Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.2

100 14.9 12.1 18.1





#42

Toluene

Concen: 5.228 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

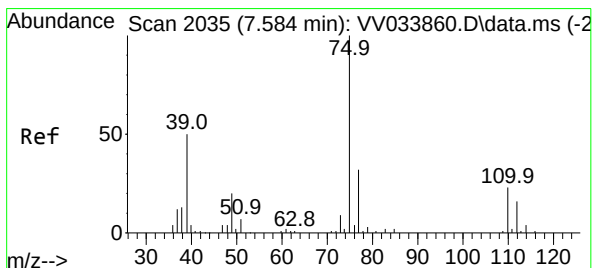
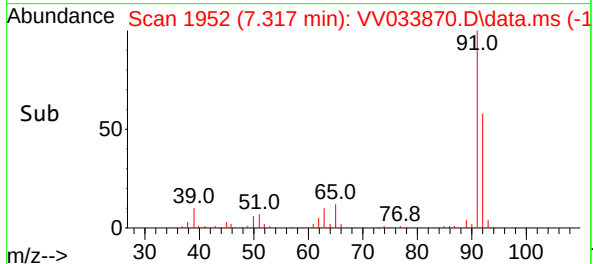
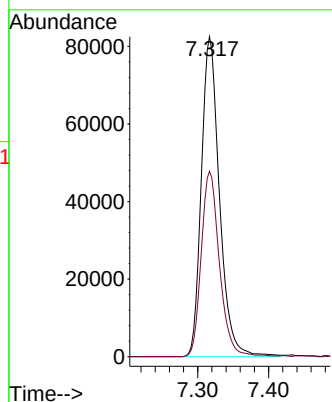
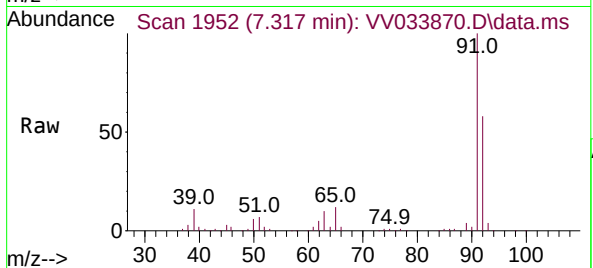
ClientSampleId :

Tgt Ion: 91 Resp: 146583

Ion Ratio Lower Upper

91 100

92 58.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.138 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV033870.D

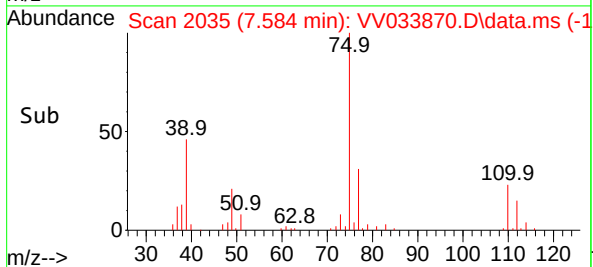
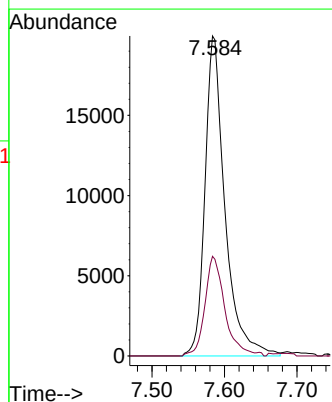
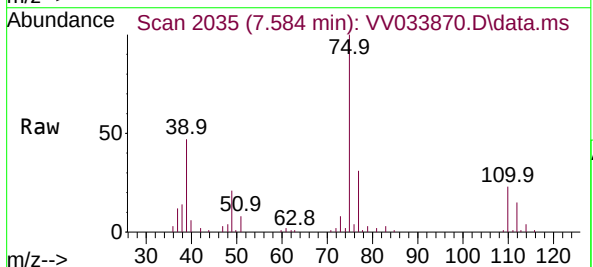
Acq: 25 Jan 2024 16:01

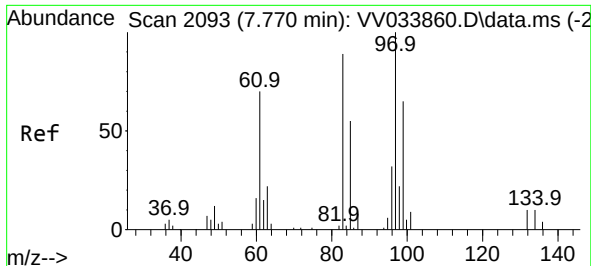
Tgt Ion: 75 Resp: 38148

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2

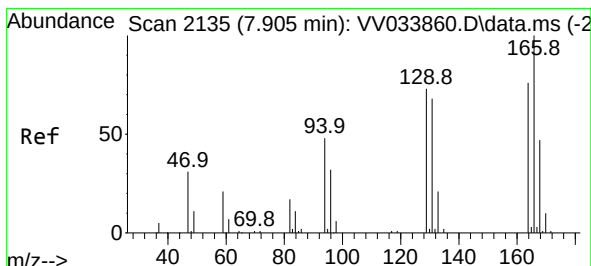
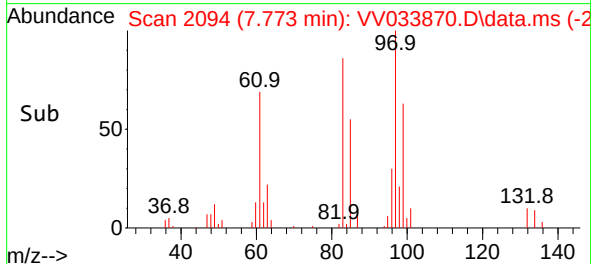
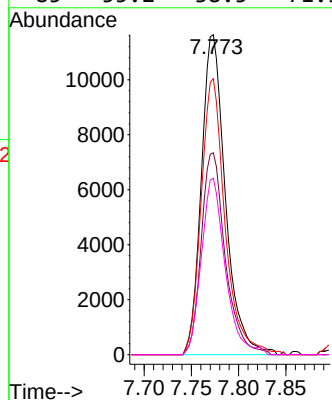
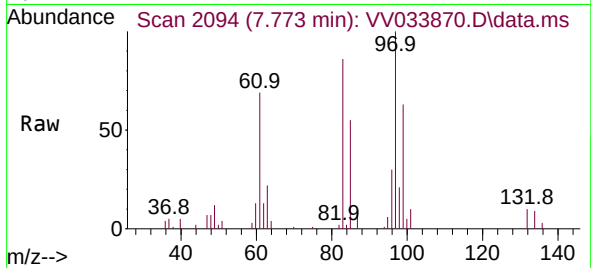




#45
1,1,2-Trichloroethane
Concen: 5.247 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

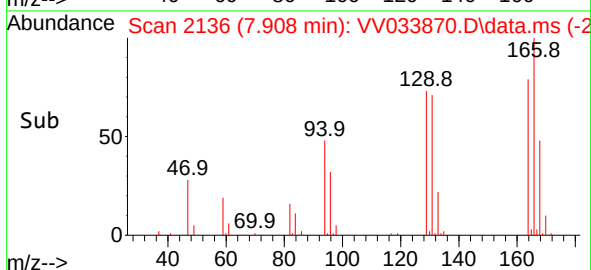
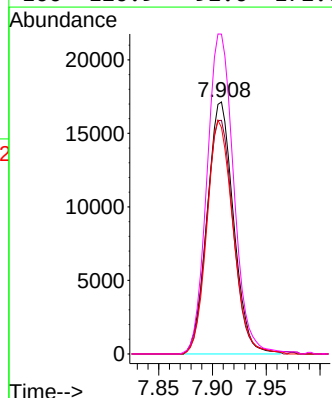
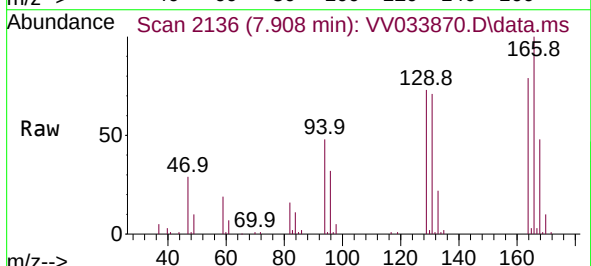
Instrument :
MSVOA_V
ClientSampleId :

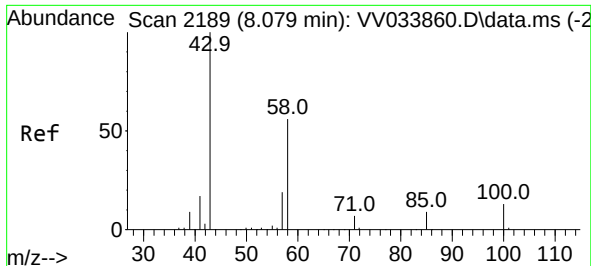
Tgt Ion:	97	Resp:	20590
Ion	Ratio	Lower	Upper
97	100		
99	63.1	45.6	84.6
83	86.2	62.3	115.7
85	55.2	38.5	71.5



#47
Tetrachloroethene
Concen: 4.750 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion:	164	Resp:	29304
Ion	Ratio	Lower	Upper
164	100		
129	92.7	67.8	125.8
131	89.8	63.0	117.0
166	126.9	92.6	172.0



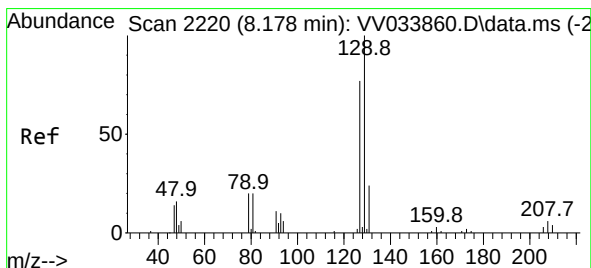
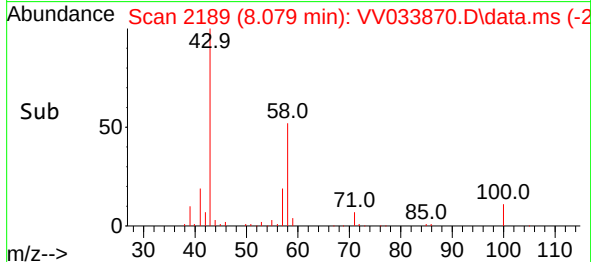
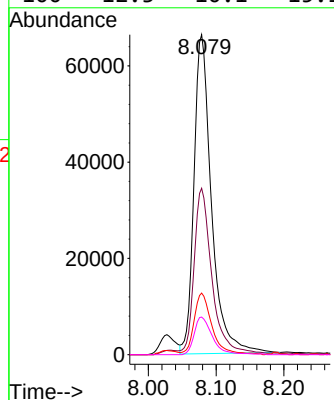
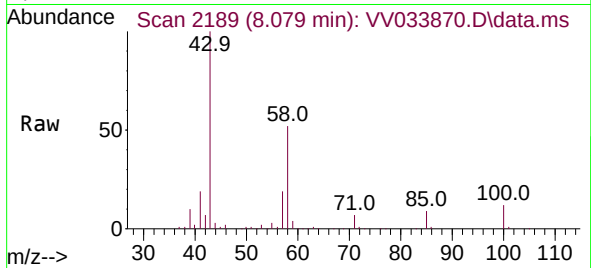


#48
2-Hexanone
Concen: 55.595 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 119253

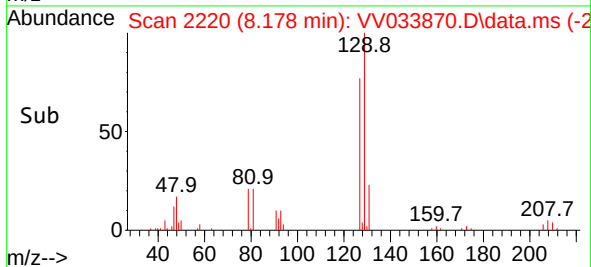
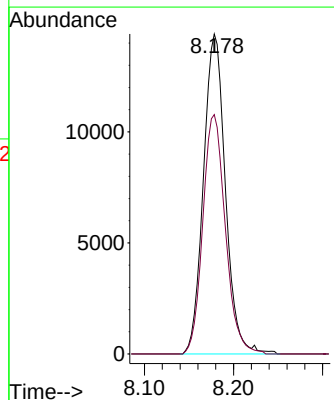
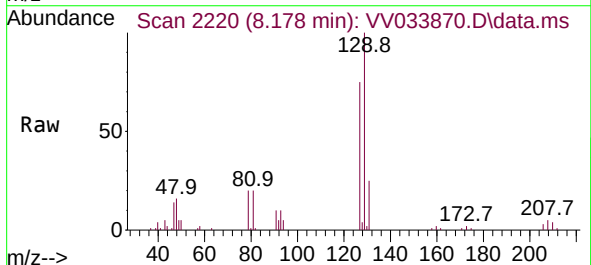
Ion	Ratio	Lower	Upper
43	100		
58	52.1	42.6	64.0
57	18.6	15.5	23.3
100	12.3	10.1	15.1

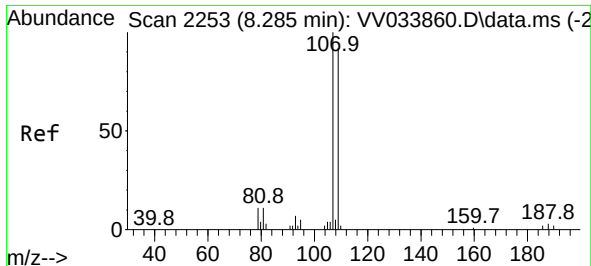


#49
Dibromochloromethane
Concen: 5.288 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 129 Resp: 24656

Ion	Ratio	Lower	Upper
129	100		
127	74.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.370 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033870.D

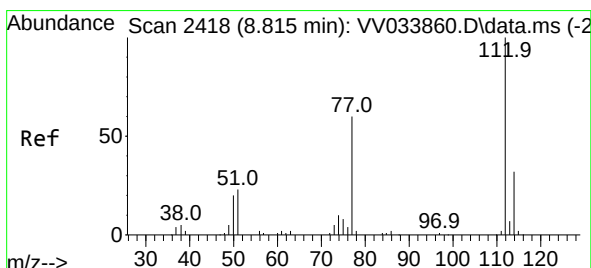
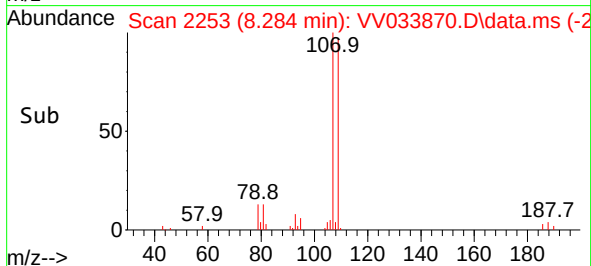
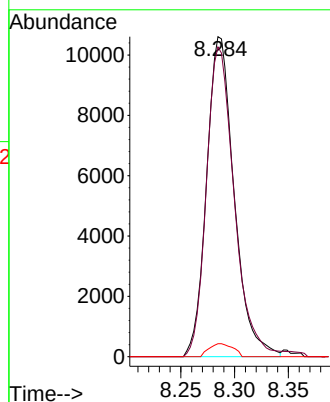
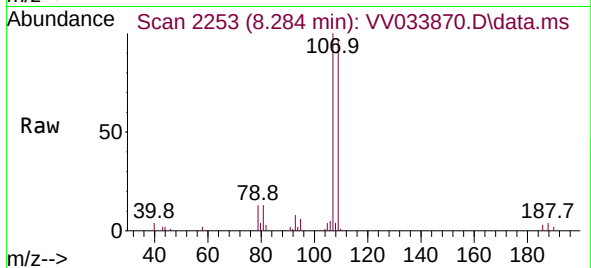
Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	18915
Ion Ratio	Lower	Upper
107	100	
109	96.8	64.5 119.9
188	4.0	2.6 4.0#



#51

Chlorobenzene

Concen: 5.117 ug/L

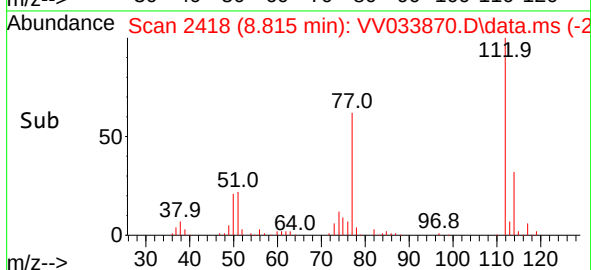
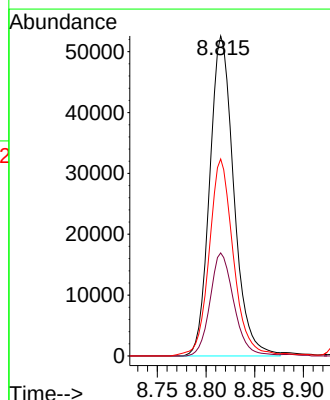
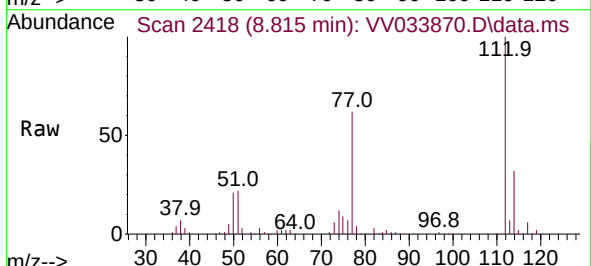
RT: 8.815 min Scan# 2418

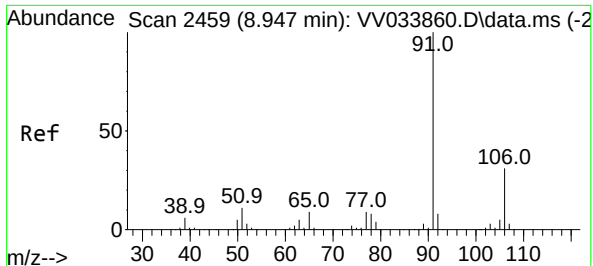
Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Tgt Ion:112	Resp:	90712
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.5 41.7
77	61.5	48.1 72.1

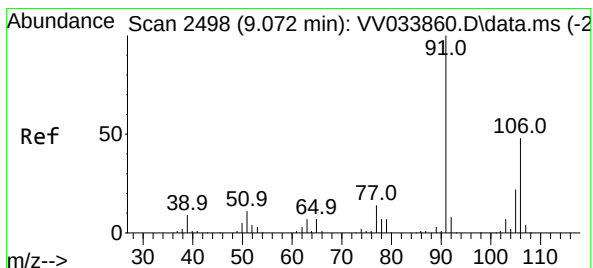
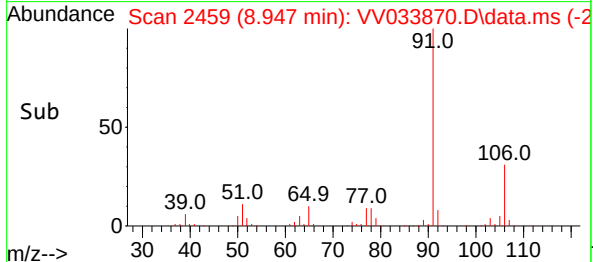
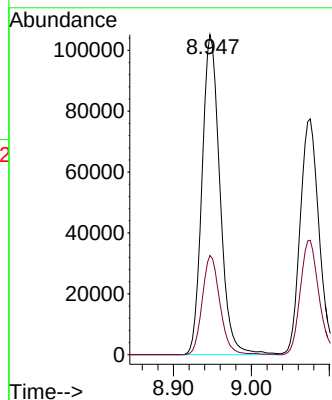
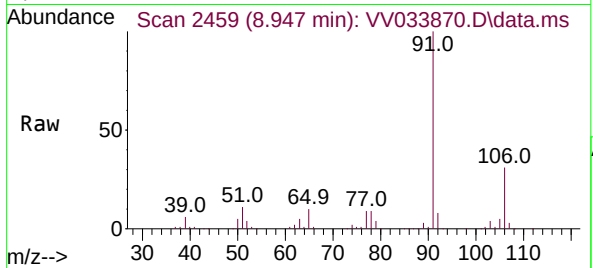




#52
Ethylbenzene
Concen: 5.199 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

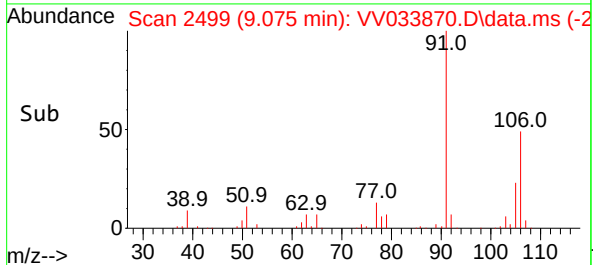
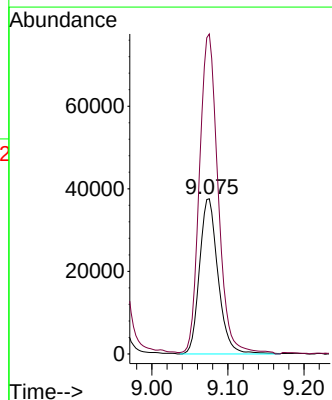
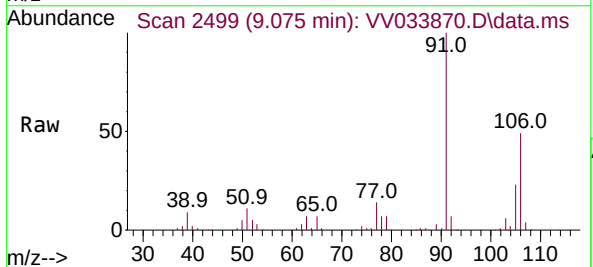
Instrument :
MSVOA_V
ClientSampleId :

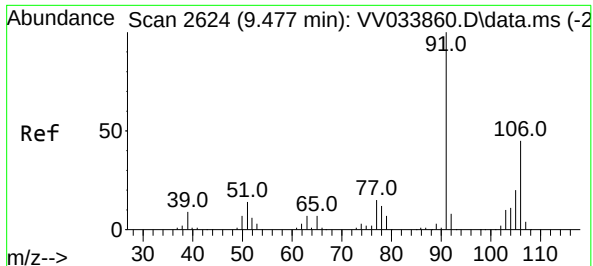
Tgt Ion: 91 Resp: 167799
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 5.210 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion:106 Resp: 63541
Ion Ratio Lower Upper
106 100
91 206.2 147.5 273.9

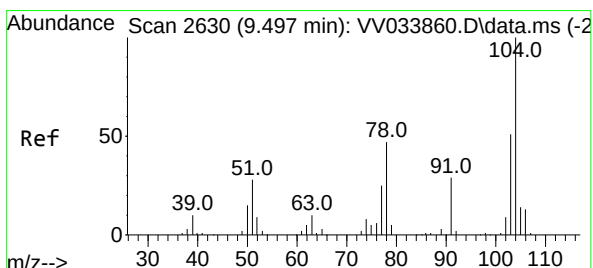
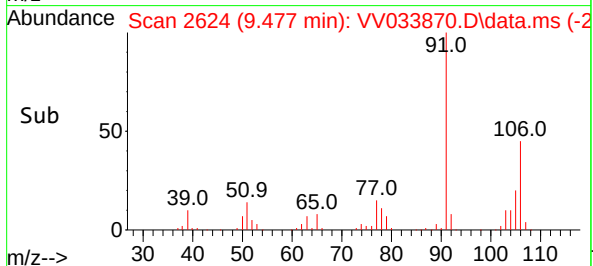
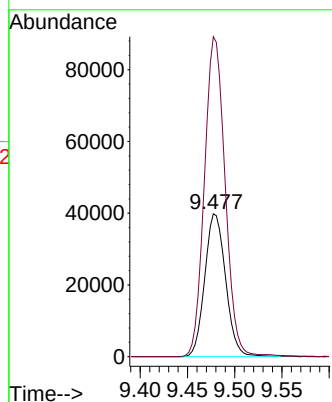
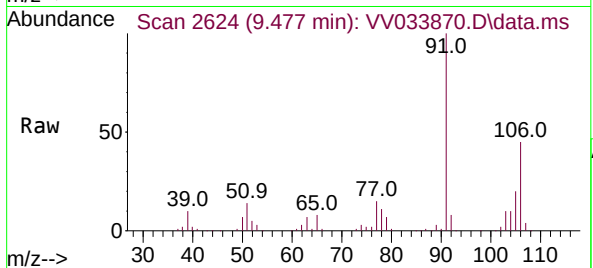




#54
o-Xylene
Concen: 5.201 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

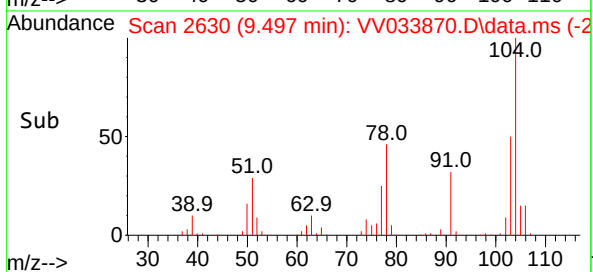
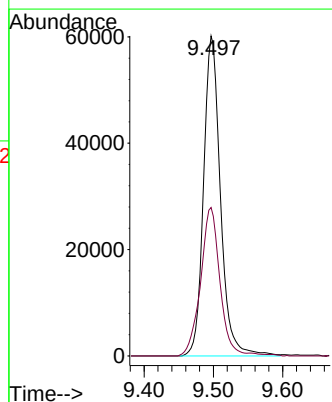
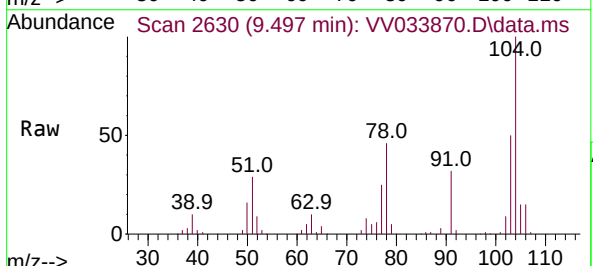
Instrument :
MSVOA_V
ClientSampleId :

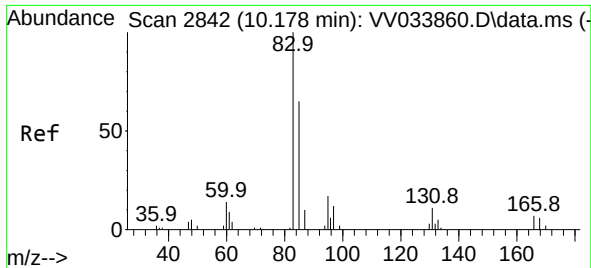
Tgt Ion:106 Resp: 61171
Ion Ratio Lower Upper
106 100
91 224.0 156.2 290.0



#55
Styrene
Concen: 5.417 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion:104 Resp: 101996
Ion Ratio Lower Upper
104 100
78 46.4 32.9 61.1

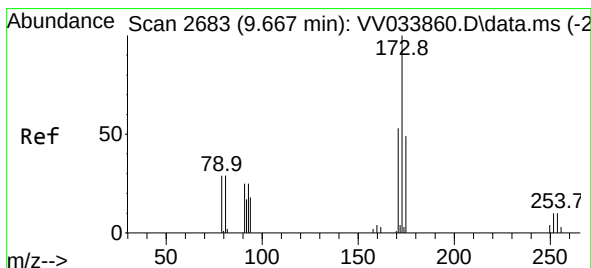
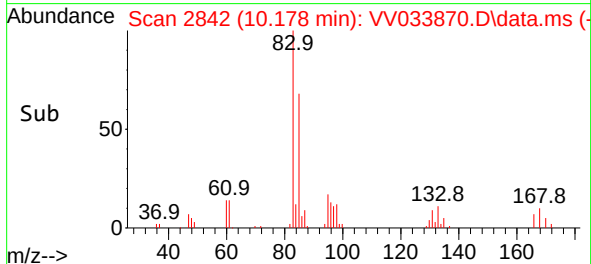
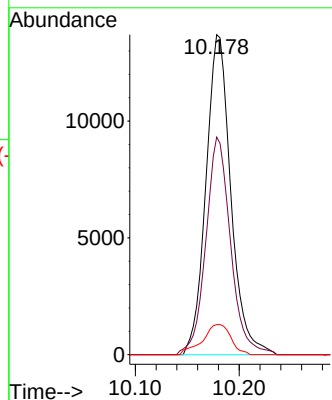
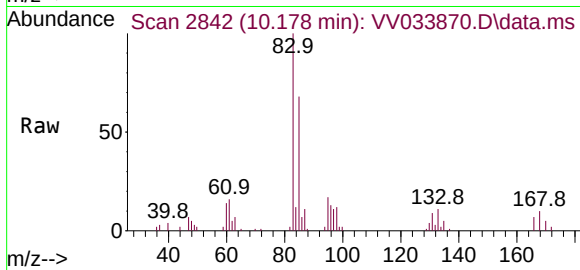




#57
1,1,2,2-Tetrachloroethane
Concen: 5.503 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

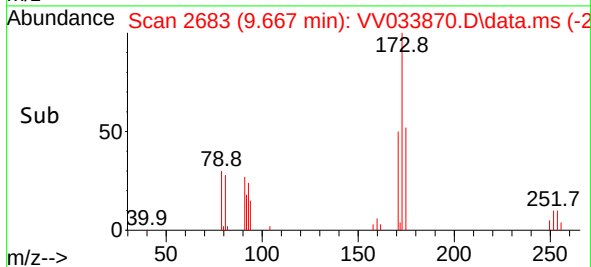
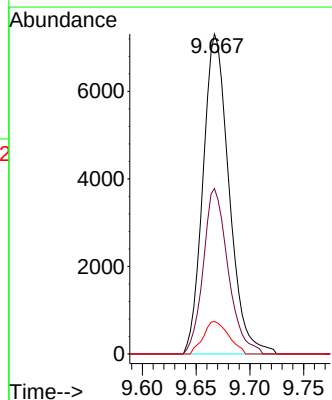
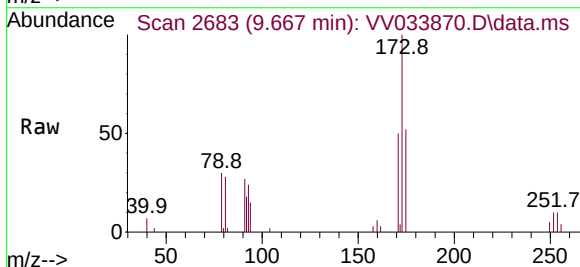
Instrument :
MSVOA_V
ClientSampleId :

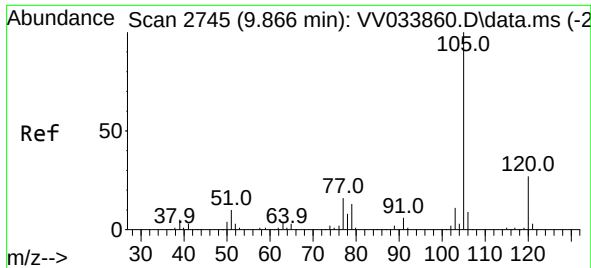
Tgt Ion: 83 Resp: 22791
Ion Ratio Lower Upper
83 100
85 68.0 46.5 86.3
131 9.4 8.4 12.6



#59
Bromoform
Concen: 4.898 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 173 Resp: 12288
Ion Ratio Lower Upper
173 100
175 49.4 38.6 57.8
254 9.9 7.2 10.8

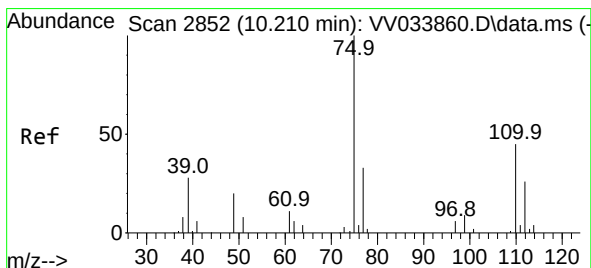
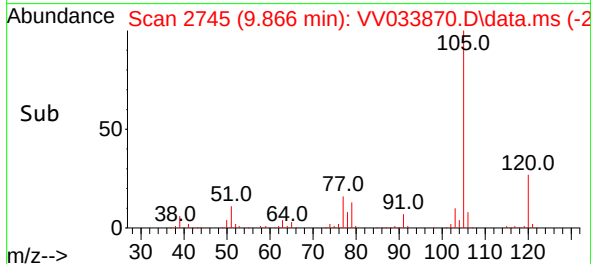
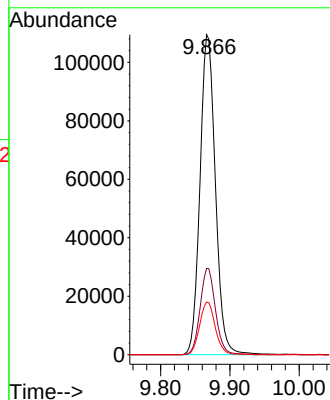
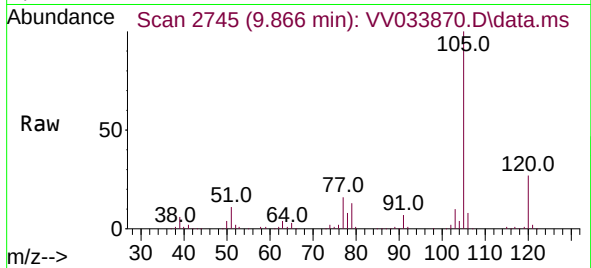




#60
Isopropylbenzene
Concen: 5.026 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

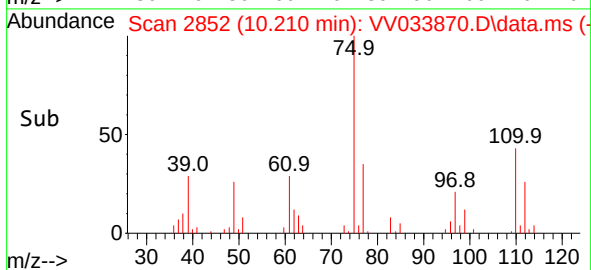
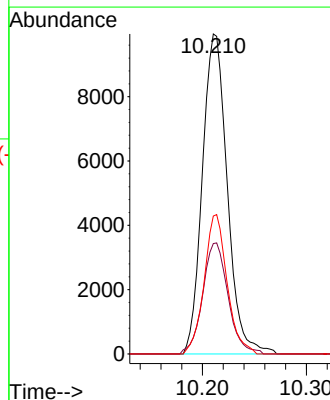
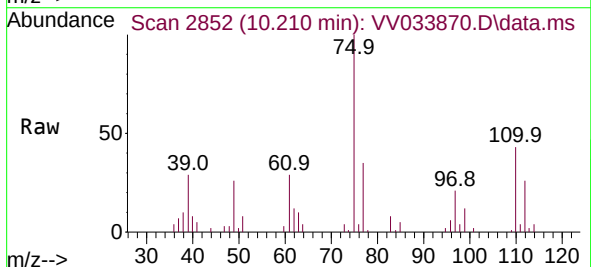
Instrument :
MSVOA_V
ClientSampleId :

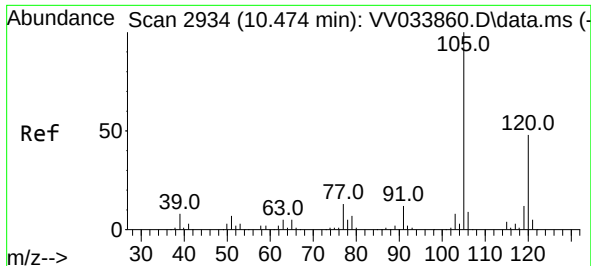
Tgt Ion:105 Resp: 169373
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.296 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

Tgt Ion: 75 Resp: 16581
Ion Ratio Lower Upper
75 100
77 35.3 26.9 40.3
110 40.1 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.974 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

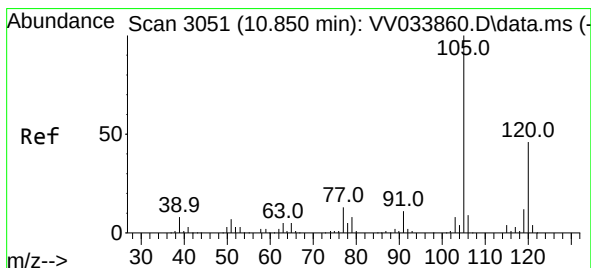
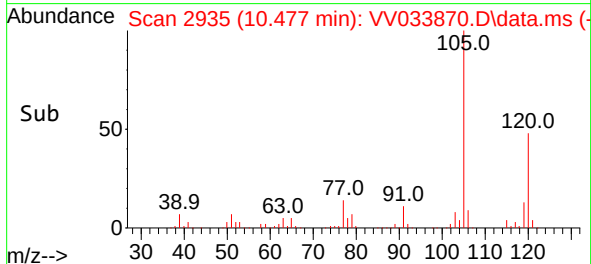
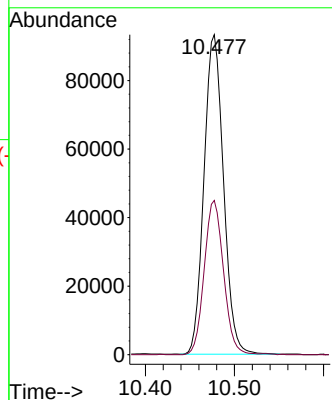
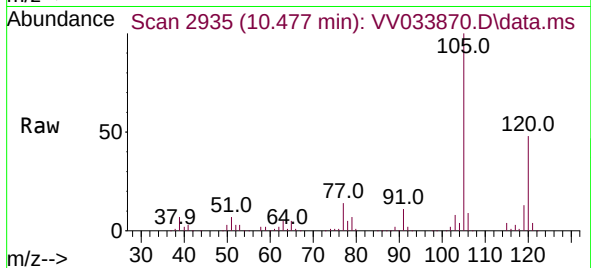
ClientSampleId :

Tgt Ion:105 Resp: 141687

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.163 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033870.D

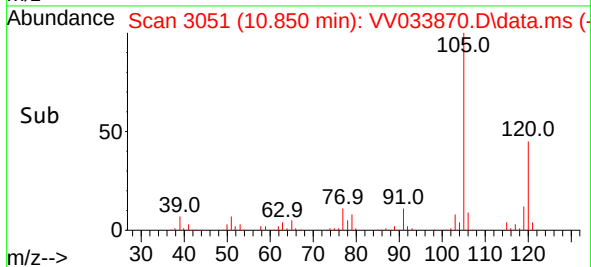
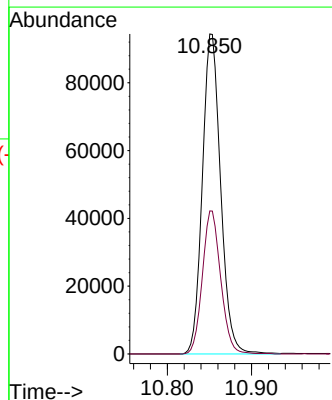
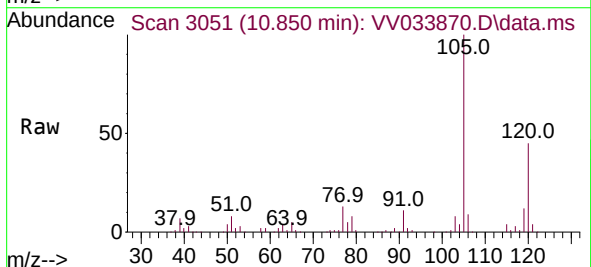
Acq: 25 Jan 2024 16:01

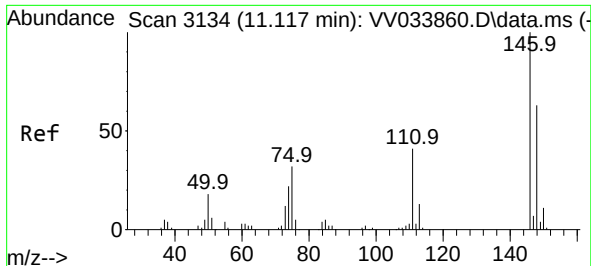
Tgt Ion:105 Resp: 142898

Ion Ratio Lower Upper

105 100

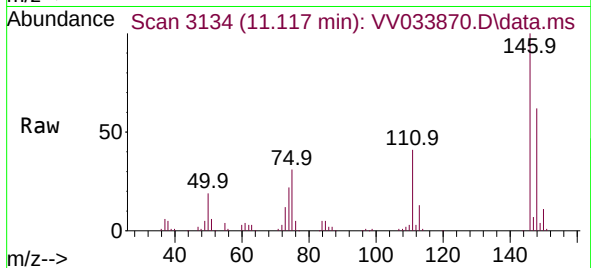
120 44.7 36.2 54.2



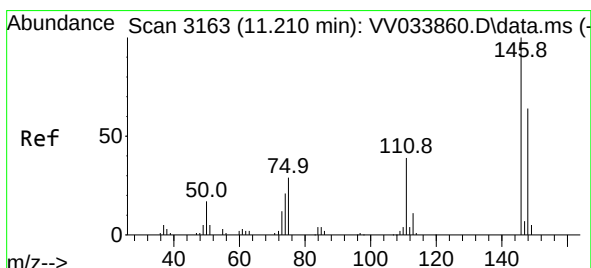
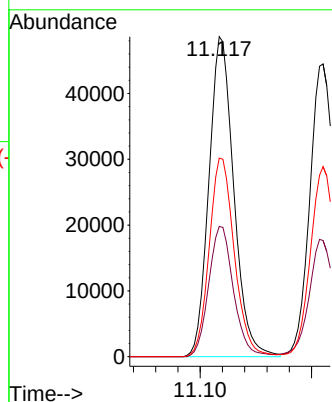
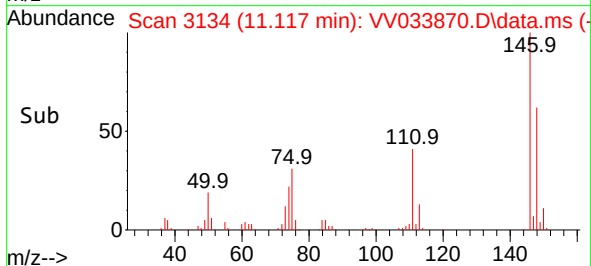


#64
1,3-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01

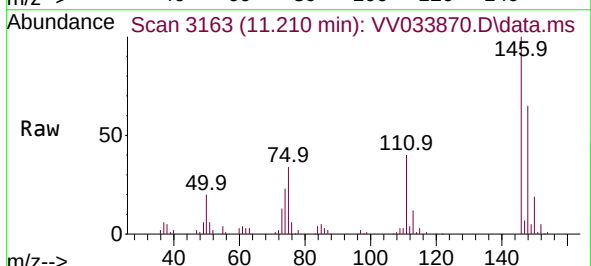
Instrument :
MSVOA_V
ClientSampleId :



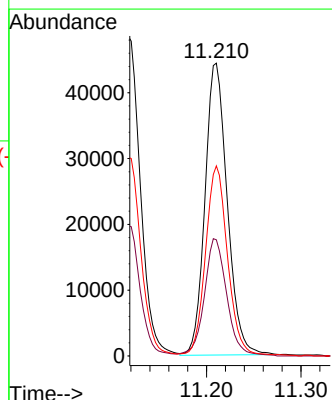
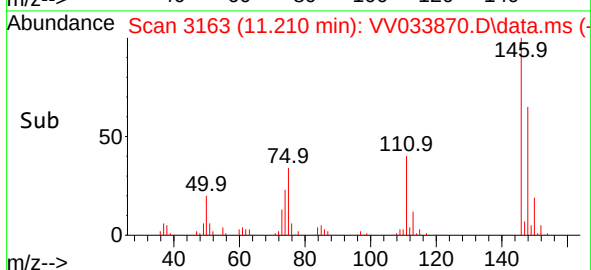
Tgt Ion:146 Resp: 75390
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 62.1 44.4 82.4

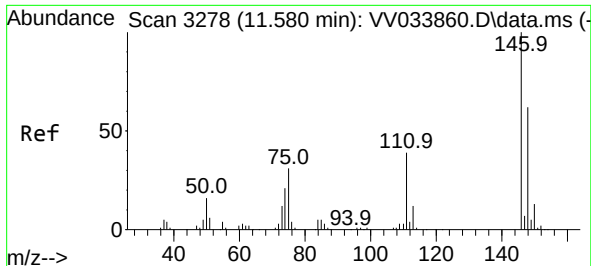


#65
1,4-Dichlorobenzene
Concen: 4.989 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033870.D
Acq: 25 Jan 2024 16:01



Tgt Ion:146 Resp: 72577
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.4
148 64.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.178 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

ClientSampleId :

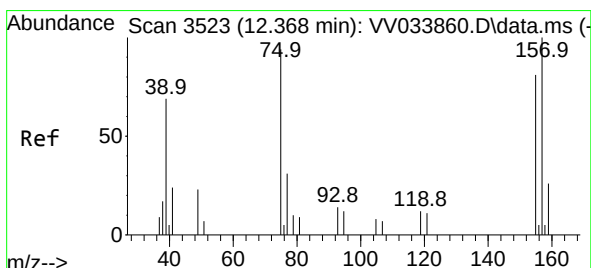
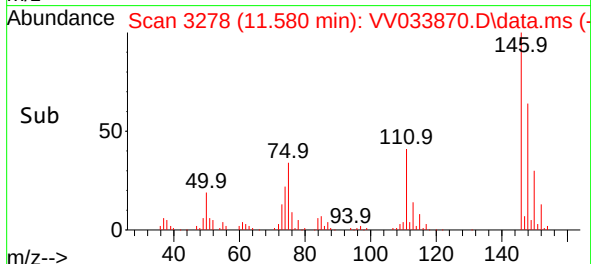
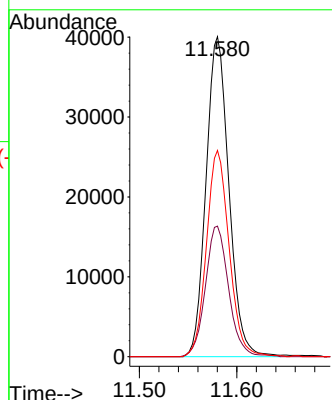
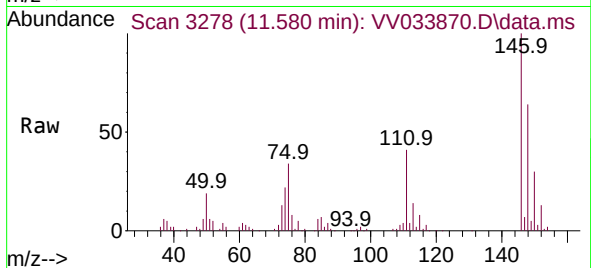
Tgt Ion:146 Resp: 65344

Ion Ratio Lower Upper

146 100

111 40.8 31.2 46.8

148 64.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.621 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

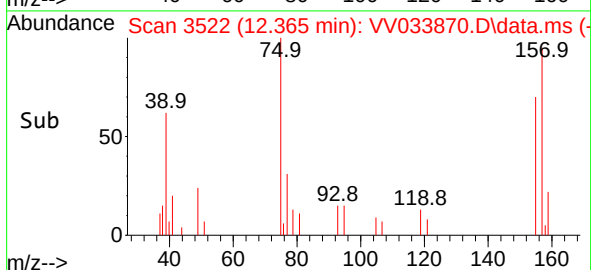
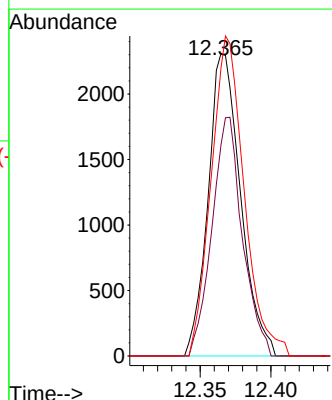
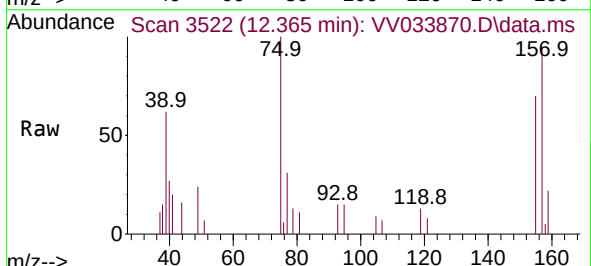
Tgt Ion: 75 Resp: 3688

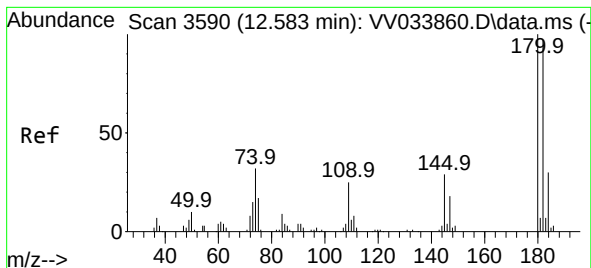
Ion Ratio Lower Upper

75 100

155 69.7 68.9 103.3

157 95.2 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.063 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

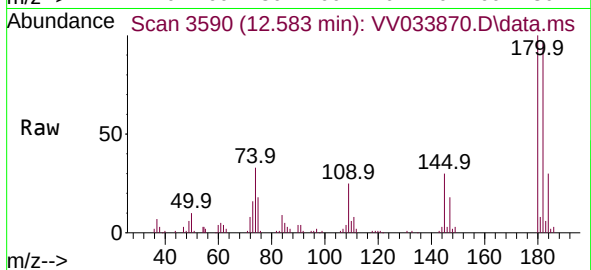
Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 57573

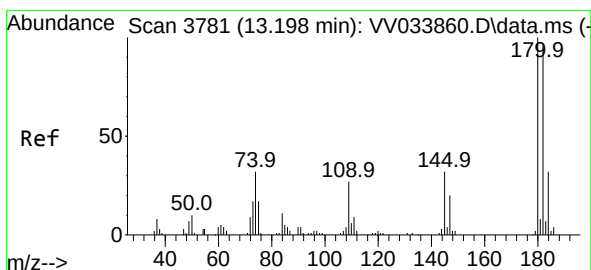
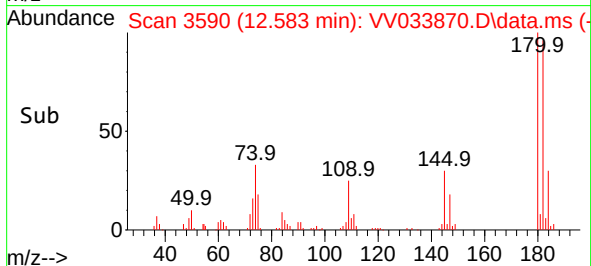
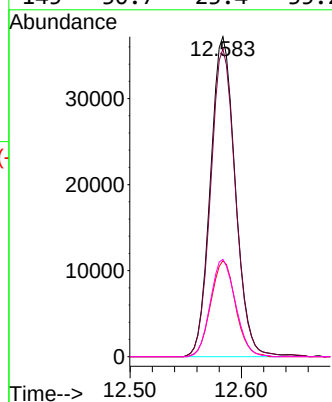
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 29.9 23.8 35.6

145 30.7 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.270 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

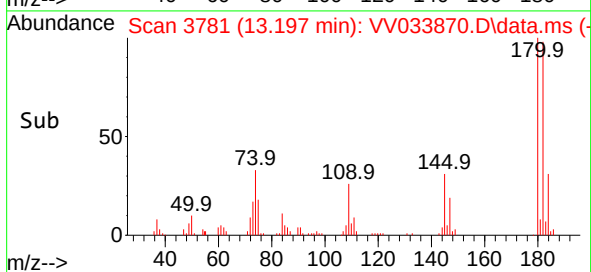
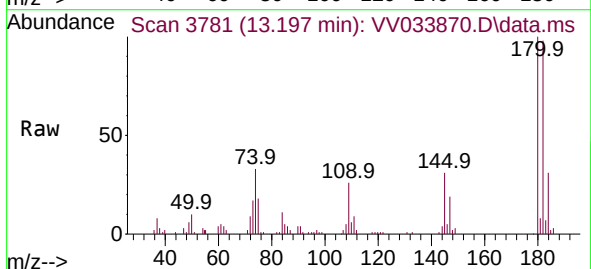
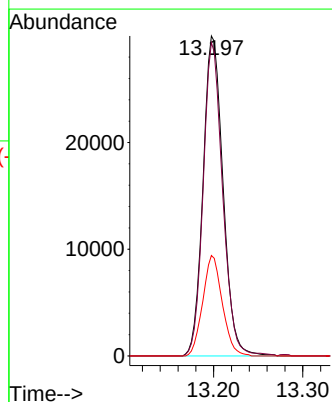
Tgt Ion:180 Resp: 46777

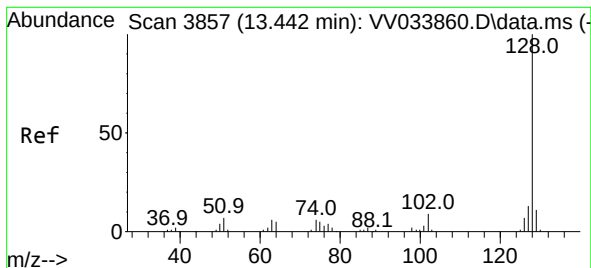
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 30.6 24.8 37.2





#71

Naphthalene

Concen: 5.404 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Instrument :

MSVOA_V

ClientSampleId :

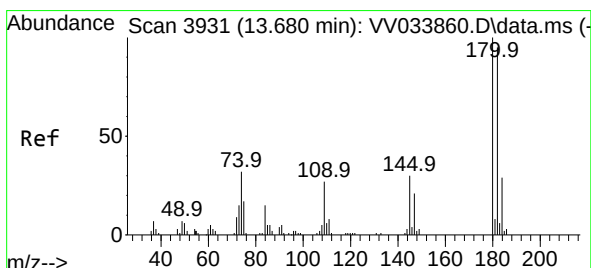
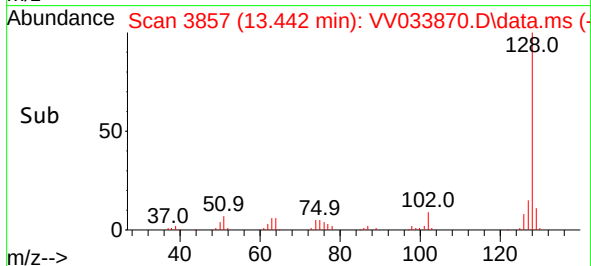
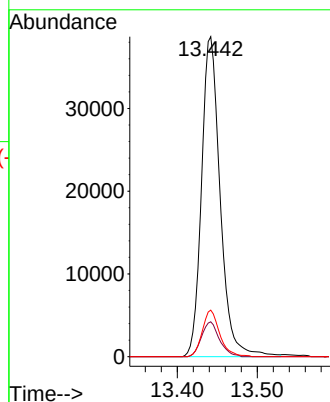
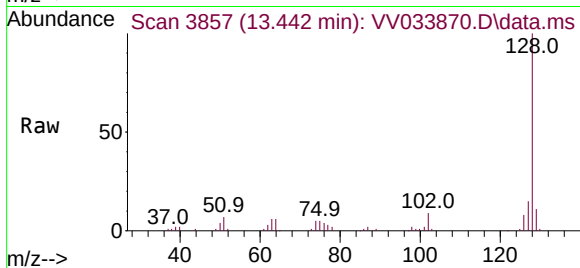
Tgt Ion:128 Resp: 62857

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 13.6 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.397 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033870.D

Acq: 25 Jan 2024 16:01

Tgt Ion:180 Resp: 38387

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 32.7 25.2 37.8

