

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034070.D
 Acq On : 08 Feb 2024 19:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:46:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	89518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37325	5.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.532	69	29490	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.060	65	16336	4.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.806	46	63923	51.415	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.820%
24) Chloroform-d	4.252	84	65349	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.947	65	31792	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.963	84	122811	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.992	67	33734	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.246	98	113632	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.558	79	14055	4.958	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.027	63	55271	54.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22255	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	40898	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	44671	5.100	ug/L	99
3) Chloromethane	1.214	50	48273	5.052	ug/L	98
5) Vinyl chloride	1.282	62	46156	5.055	ug/L	91
6) Bromomethane	1.487	94	25003	5.200	ug/L	99
8) Chloroethane	1.548	64	28459	4.569	ug/L	96
9) Trichlorofluoromethane	1.712	101	69681	5.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36740	5.342	ug/L	99
12) 1,1-Dichloroethene	2.069	96	34971	5.237	ug/L	98
13) Acetone	2.130	43	49079	52.034	ug/L #	36
14) Carbon disulfide	2.240	76	100042	4.630	ug/L	99
15) Methyl Acetate	2.384	43	11975	5.364	ug/L	97
16) Methylene chloride	2.449	84	34781	5.429	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	82141	5.987	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	34823	5.120	ug/L	96
19) 1,1-Dichloroethane	3.114	63	67641	5.412	ug/L	97
21) 2-Butanone	3.886	43	69133	55.464	ug/L #	48
22) cis-1,2-Dichloroethene	3.818	96	38080	4.935	ug/L	95
23) Bromochloromethane	4.153	128	15649	5.834	ug/L	86
25) Chloroform	4.281	83	68867	5.451	ug/L	94

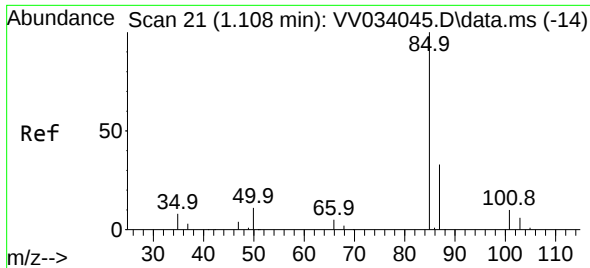
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	41133	5.686	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	64253	5.346	ug/L	99
30) Cyclohexane	4.584	56	56160	4.805	ug/L	96
31) Carbon tetrachloride	4.738	117	54645	5.196	ug/L	97
33) Benzene	5.011	78	141245	5.261	ug/L	100
34) Trichloroethene	5.834	95	38736	4.985	ug/L	98
35) Methylcyclohexane	6.050	83	59183	4.852	ug/L	97
37) 1,2-Dichloropropane	6.098	63	33684	5.179	ug/L	98
38) Bromodichloromethane	6.436	83	45346	5.311	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	51832	5.238	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	185495	59.560	ug/L	99
42) Toluene	7.317	91	151859	5.292	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	41175	5.419	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	22226	5.534	ug/L	98
47) Tetrachloroethene	7.905	164	30121	4.771	ug/L	96
48) 2-Hexanone	8.079	43	127311	57.992	ug/L	99
49) Dibromochloromethane	8.178	129	26152	5.480	ug/L	98
50) 1,2-Dibromoethane	8.288	107	21382	5.932	ug/L #	99
51) Chlorobenzene	8.815	112	95873	5.284	ug/L	99
52) Ethylbenzene	8.947	91	171995	5.207	ug/L	99
53) m,p-Xylene	9.075	106	65968	5.285	ug/L	99
54) o-Xylene	9.481	106	63973	5.315	ug/L	98
55) Styrene	9.497	104	106429	5.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	25107	5.923	ug/L	99
59) Bromoform	9.670	173	13907	5.297	ug/L	99
60) Isopropylbenzene	9.870	105	176238	4.998	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	18727	5.716	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	148259	4.973	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	146367	5.053	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	78745	5.121	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	77623	5.098	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	70799	5.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4229	6.159	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	59878	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	48830	5.257	ug/L	100
71) Naphthalene	13.442	128	73873	6.069	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	42481	5.707	ug/L	99

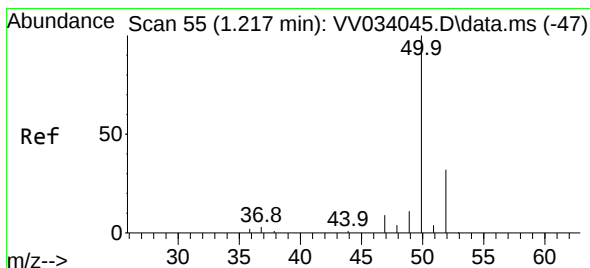
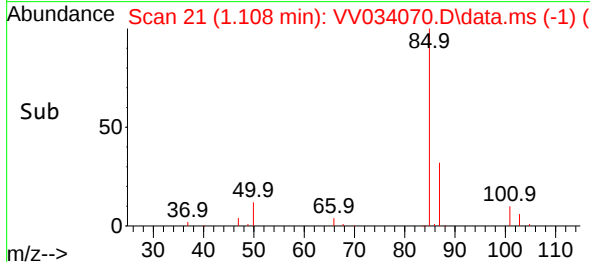
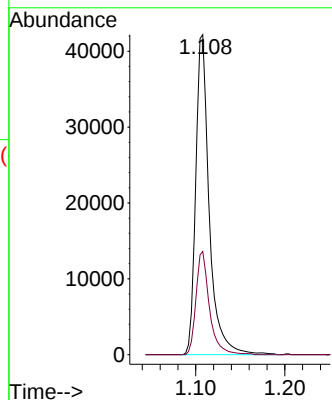
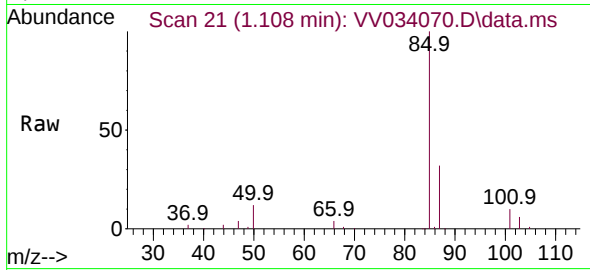
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#2
 Dichlorodifluoromethane
 Concen: 5.100 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034070.D
 Acq: 08 Feb 2024 19:43

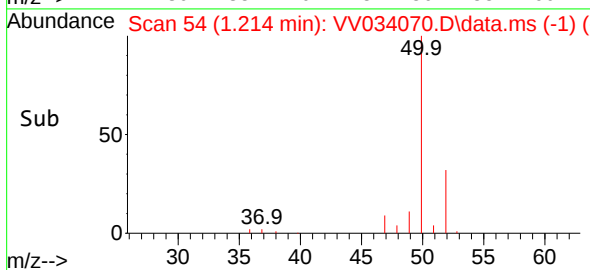
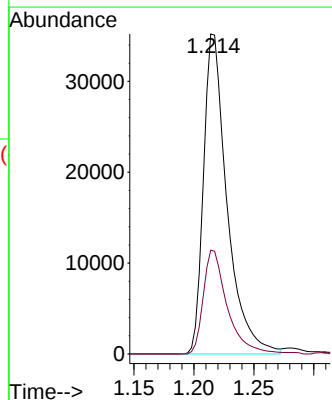
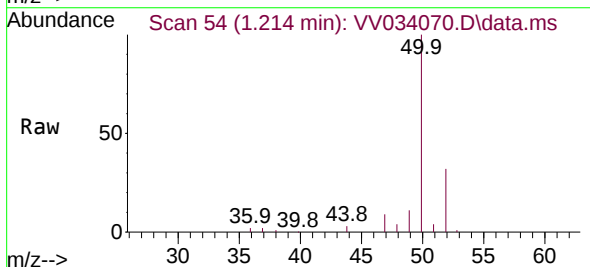
Instrument :
 MSVOA_V
 ClientSampleId :

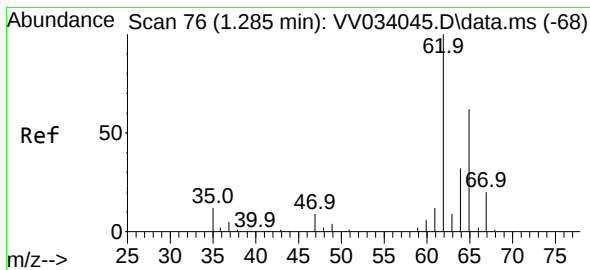
Tgt Ion: 85 Resp: 44671
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 5.052 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034070.D
 Acq: 08 Feb 2024 19:43

Tgt Ion: 50 Resp: 48273
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.4





#5

Vinyl chloride

Concen: 5.055 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

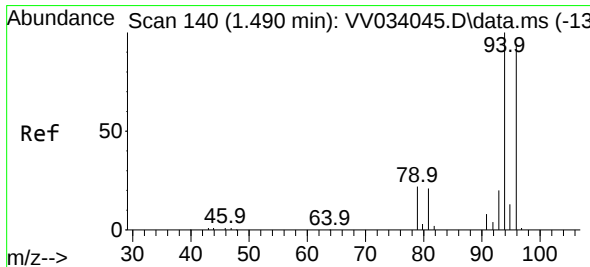
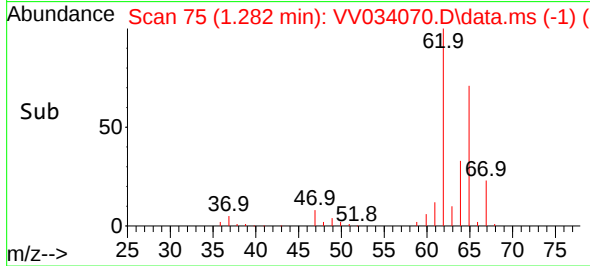
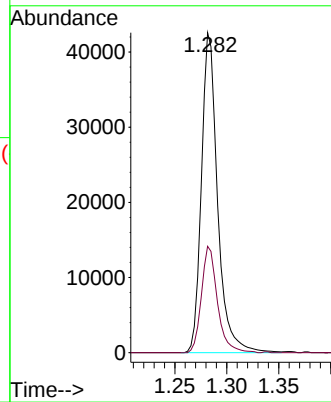
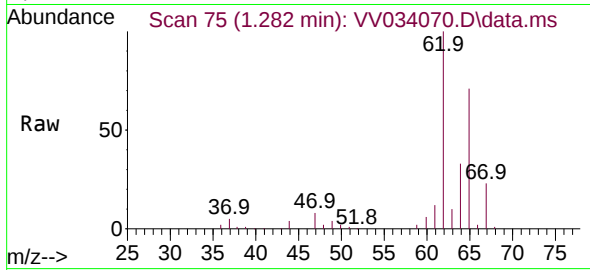
ClientSampleId :

Tgt Ion: 62 Resp: 46156

Ion Ratio Lower Upper

62 100

64 33.2 27.2 50.4



#6

Bromomethane

Concen: 5.200 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV034070.D

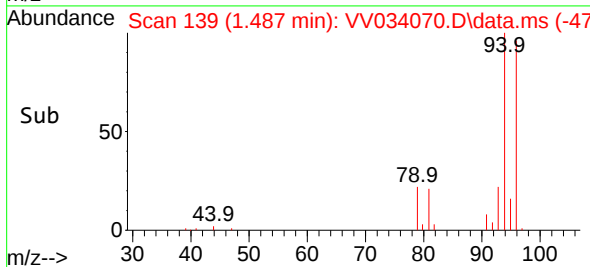
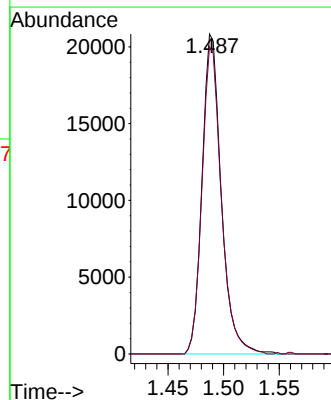
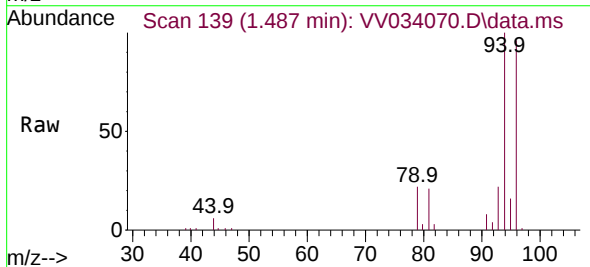
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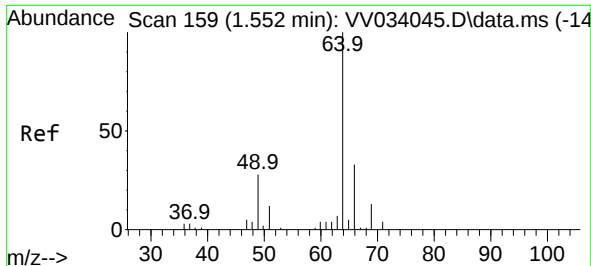
Tgt Ion: 94 Resp: 25003

Ion Ratio Lower Upper

94 100

96 96.0 66.6 123.8





#8

Chloroethane

Concen: 4.569 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

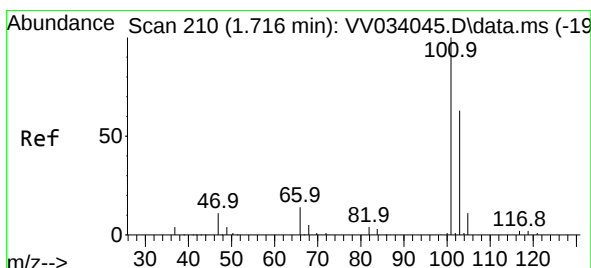
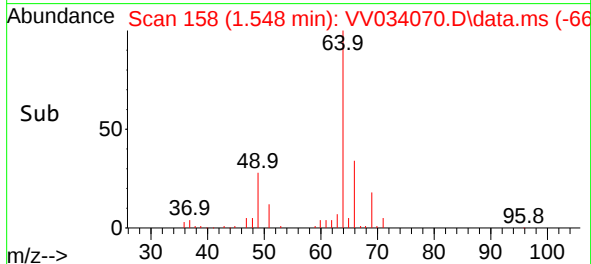
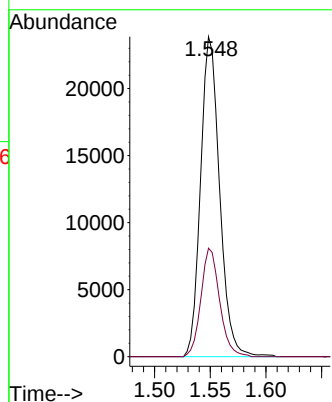
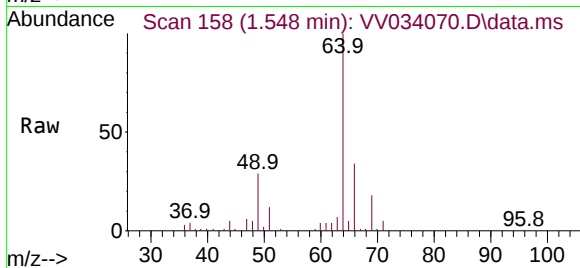
ClientSampleId :

Tgt Ion: 64 Resp: 28459

Ion Ratio Lower Upper

64 100

66 33.9 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.296 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.003 min

Lab File: VV034070.D

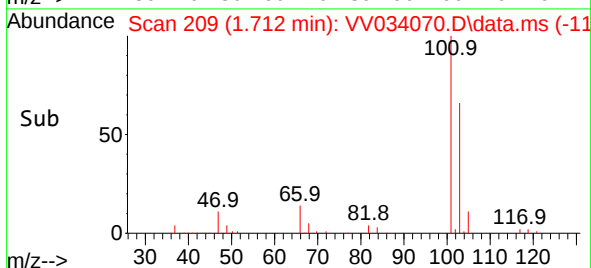
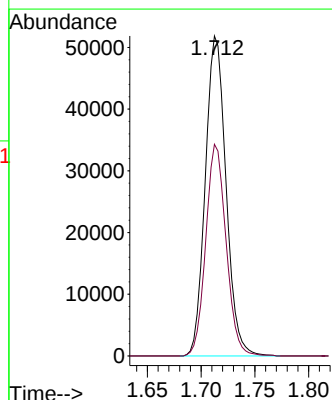
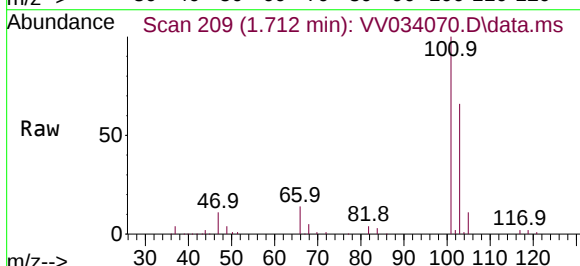
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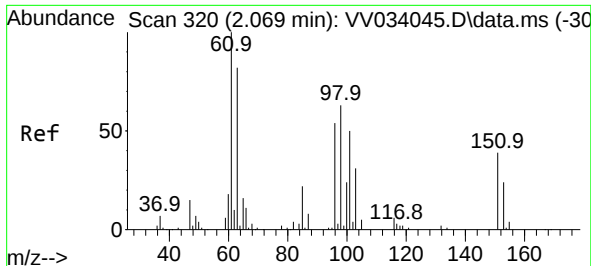
Tgt Ion:101 Resp: 69681

Ion Ratio Lower Upper

101 100

103 64.9 51.0 76.4





#10

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

Concen: 5.342 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034070.D

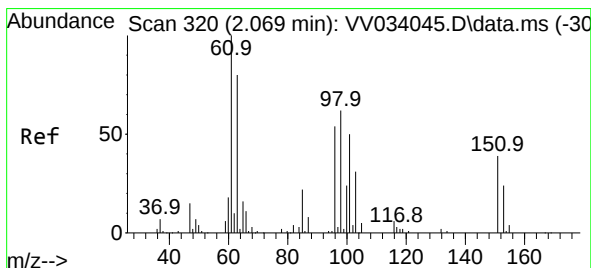
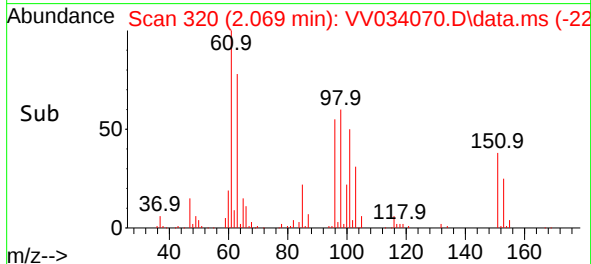
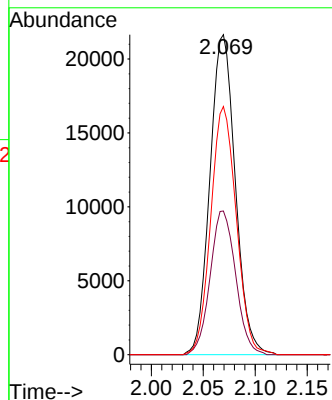
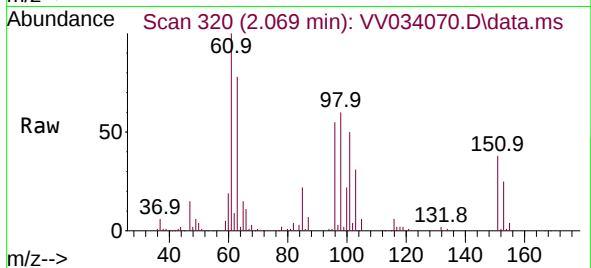
Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	36740
Ion Ratio	Lower	Upper	
101	100		
85	45.1	37.1	55.7
151	78.1	61.7	92.5



#12

1,1-Dichloroethene

Concen: 5.237 ug/L

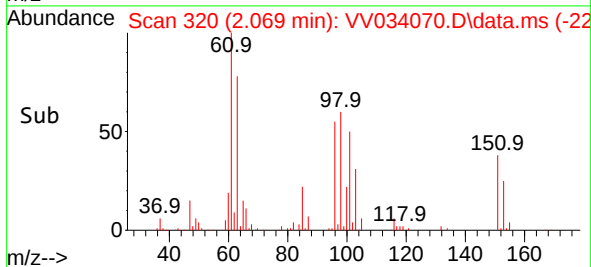
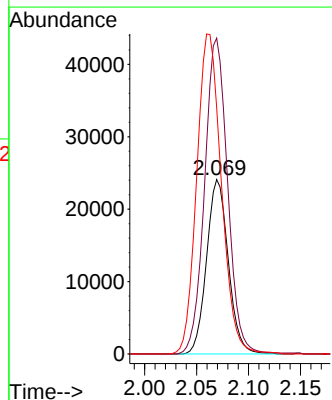
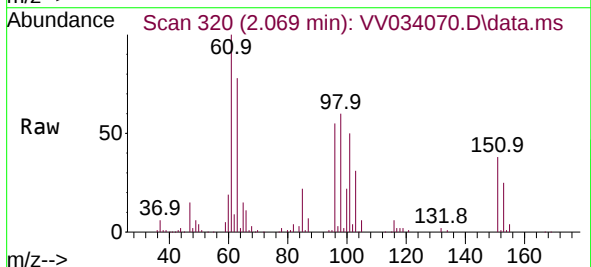
RT: 2.069 min Scan# 320

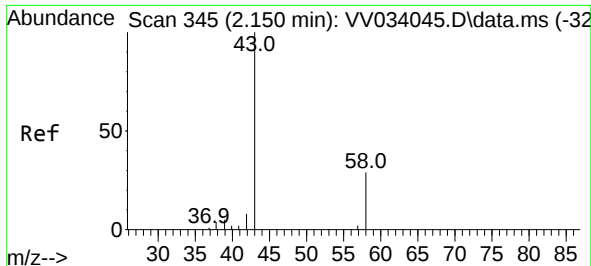
Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Tgt Ion:	96	Resp:	34971
Ion Ratio	Lower	Upper	
96	100		
61	181.1	128.8	239.2
63	141.2	97.9	181.9





#13

Acetone

Concen: 52.034 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV034070.D

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Instrument :

MSVOA_V

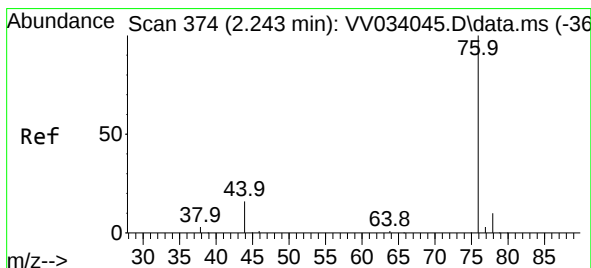
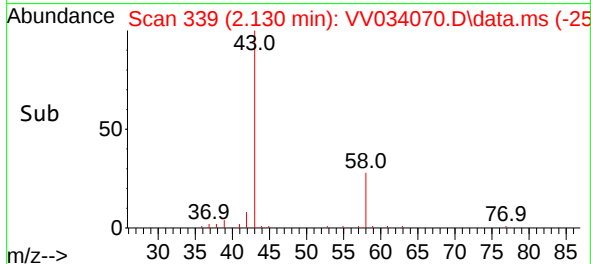
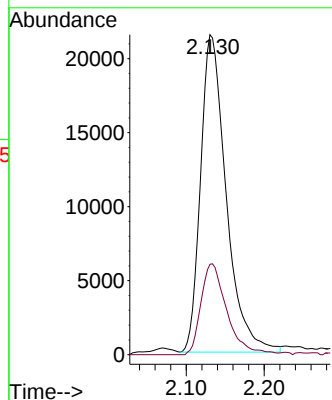
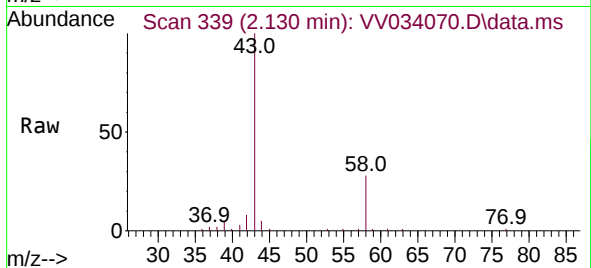
ClientSampleId :

Tgt Ion: 43 Resp: 49079

Ion Ratio Lower Upper

43 100

58 28.8 0.0 13.8#



#14

Carbon disulfide

Concen: 4.630 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034070.D

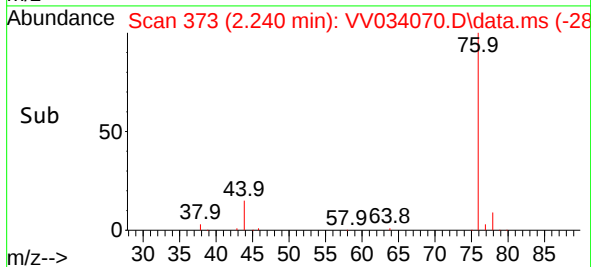
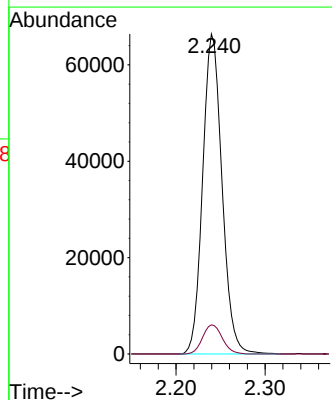
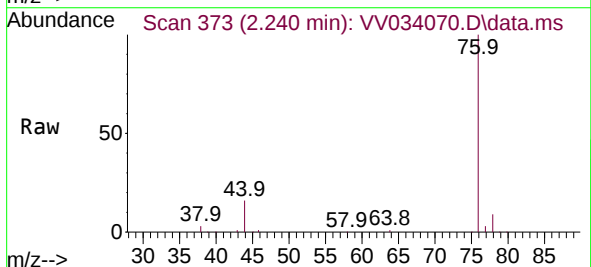
Acq: 08 Feb 2024 19:43

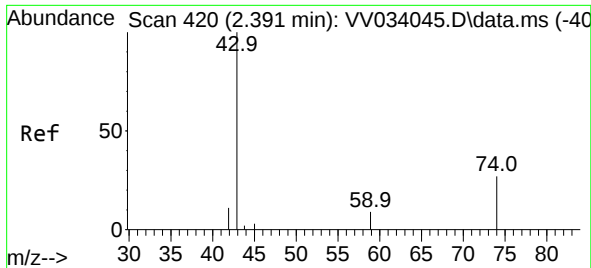
Tgt Ion: 76 Resp: 100042

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

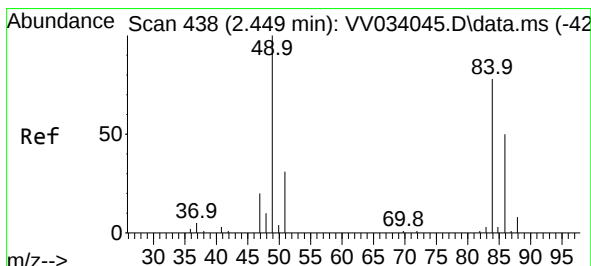
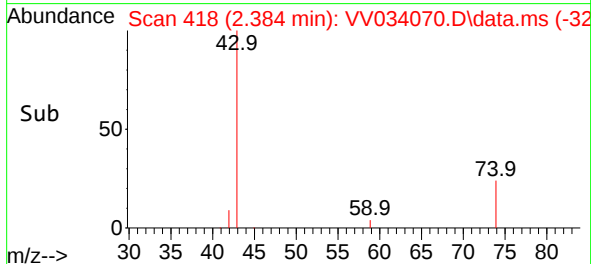
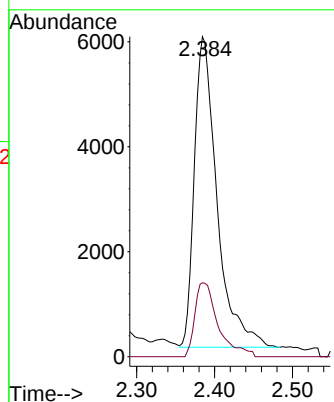
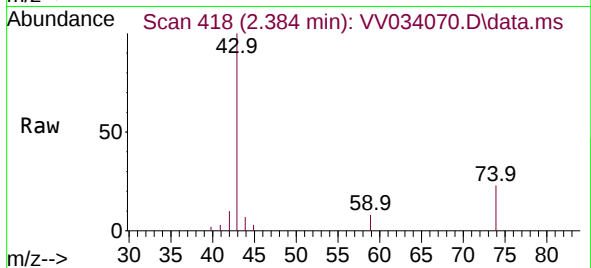




#15
Methyl Acetate
Concen: 5.364 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

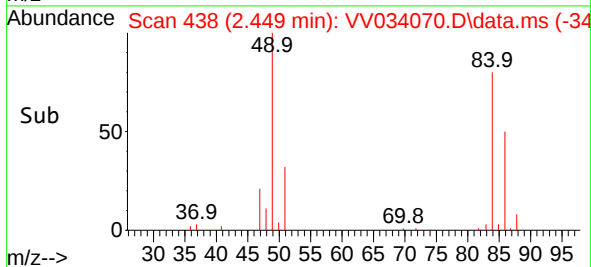
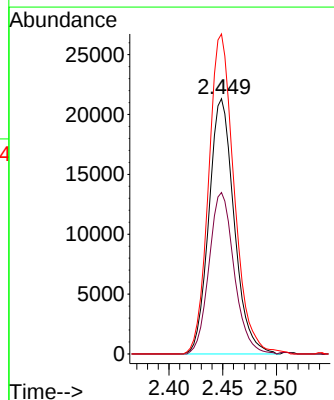
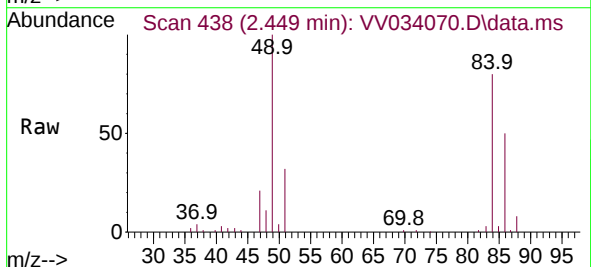
Instrument :
MSVOA_V
ClientSampleId :

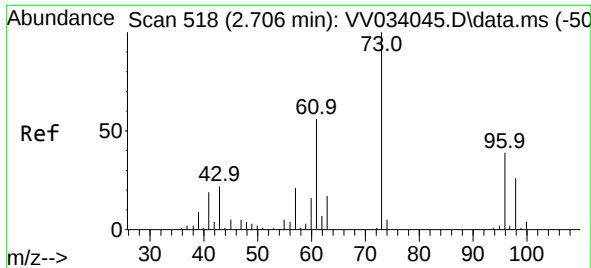
Tgt Ion: 43 Resp: 11975
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4



#16
Methylene chloride
Concen: 5.429 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion: 84 Resp: 34781
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 125.4 93.7 173.9

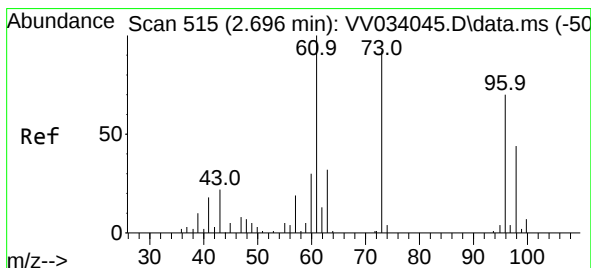
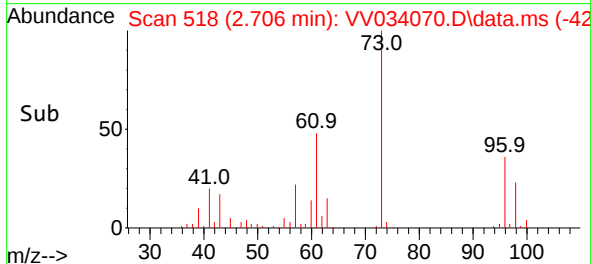
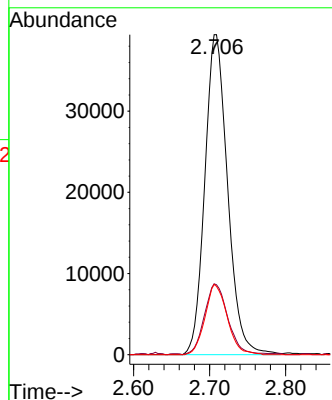
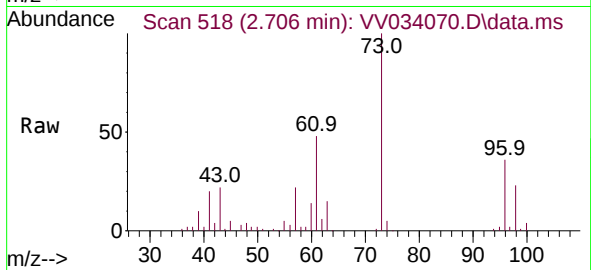




#17
Methyl tert-butyl Ether
Concen: 5.987 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

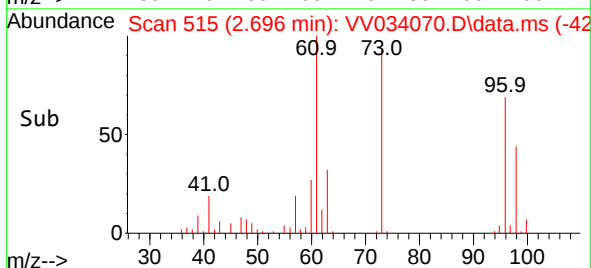
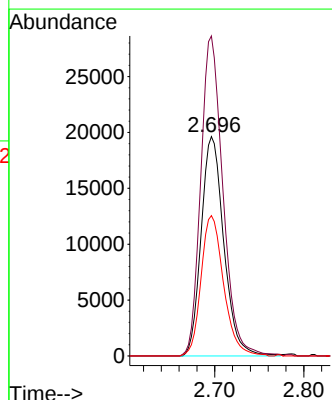
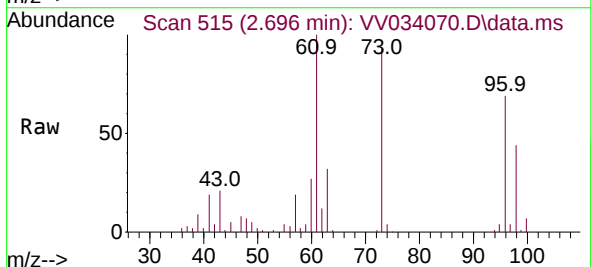
Instrument :
MSVOA_V
ClientSampleId :

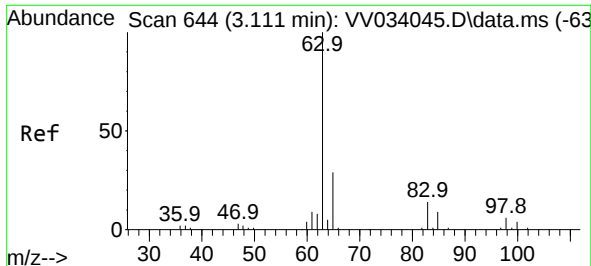
Tgt Ion: 73 Resp: 82141
Ion Ratio Lower Upper
73 100
43 22.9 17.7 26.5
57 21.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.120 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion: 96 Resp: 34823
Ion Ratio Lower Upper
96 100
61 145.8 97.6 181.4
98 64.0 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.412 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

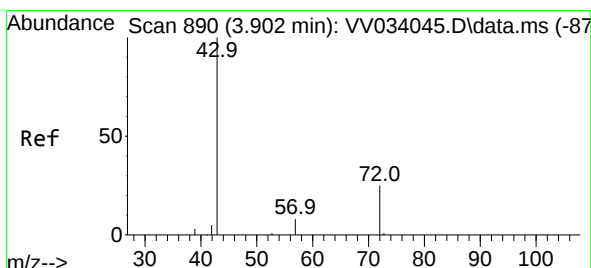
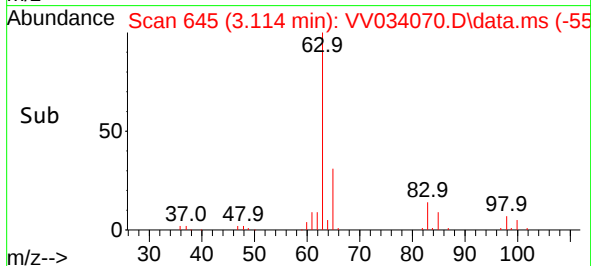
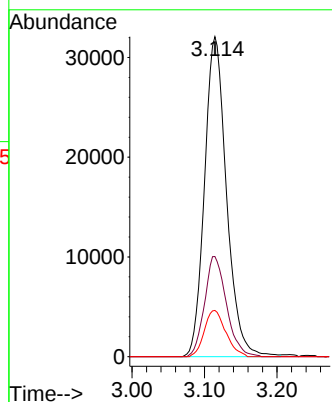
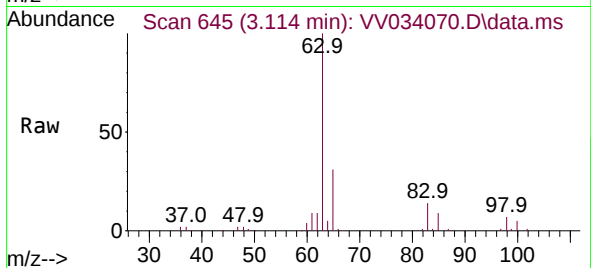
Tgt Ion: 63 Resp: 67641

Ion Ratio Lower Upper

63 100

65 31.3 20.8 38.6

83 14.5 9.4 17.4



#21

2-Butanone

Concen: 55.464 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.016 min

Lab File: VV034070.D

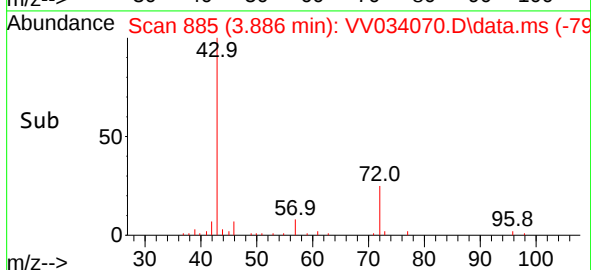
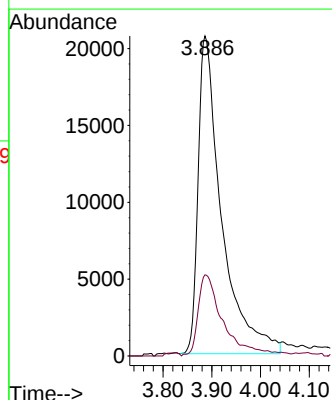
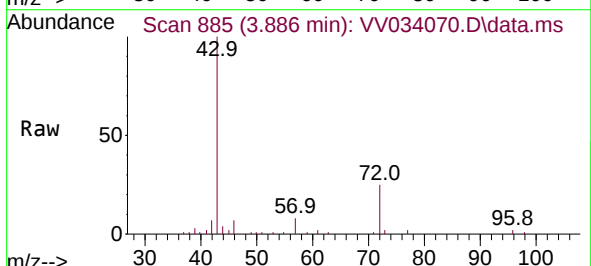
Acq: 08 Feb 2024 19:43

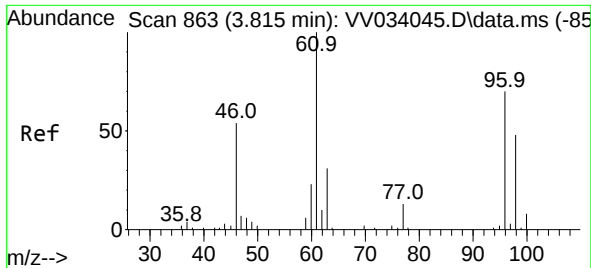
Tgt Ion: 43 Resp: 69133

Ion Ratio Lower Upper

43 100

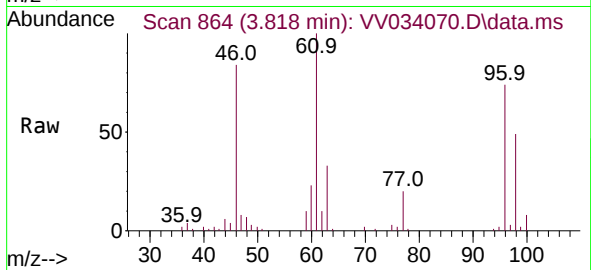
72 26.4 4.0 11.9#





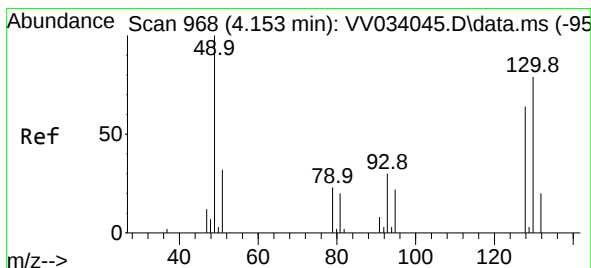
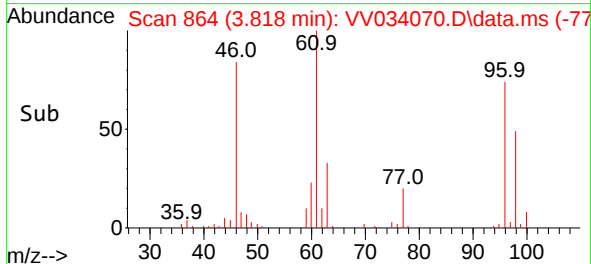
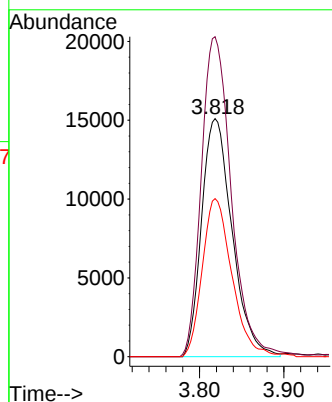
#22
 cis-1,2-Dichloroethene
 Concen: 4.935 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034070.D
 Acq: 08 Feb 2024 19:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 38080

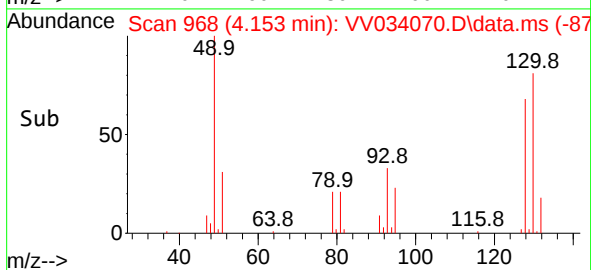
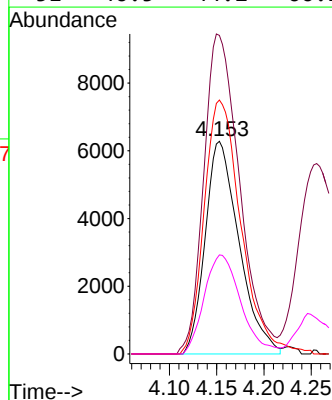
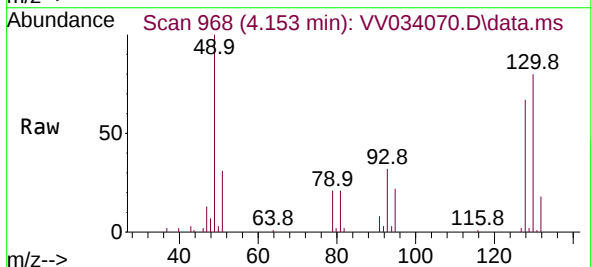
Ion	Ratio	Lower	Upper
96	100		
61	134.4	90.3	167.7
98	66.4	43.2	80.2

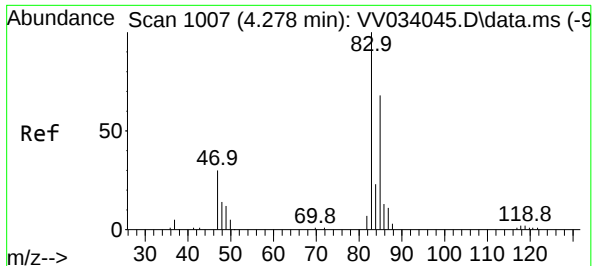


#23
 Bromochloromethane
 Concen: 5.834 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV034070.D
 Acq: 08 Feb 2024 19:43

Tgt Ion: 128 Resp: 15649

Ion	Ratio	Lower	Upper
128	100		
49	149.8	120.5	223.7
130	119.4	93.4	173.4
51	46.5	44.2	66.2





#25

Chloroform

Concen: 5.451 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

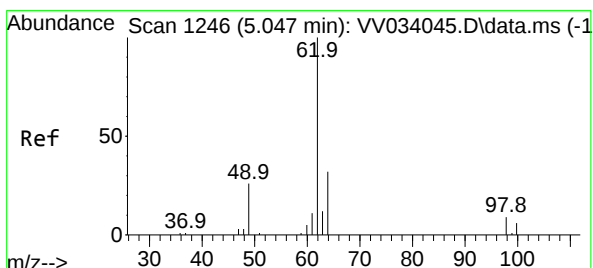
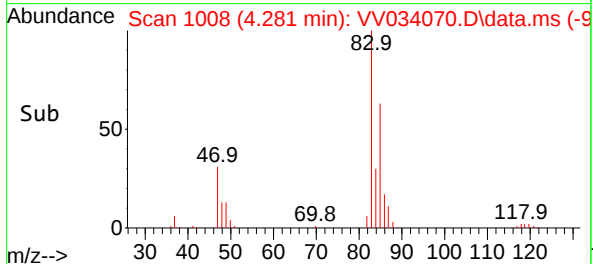
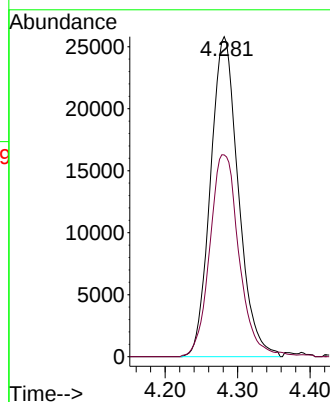
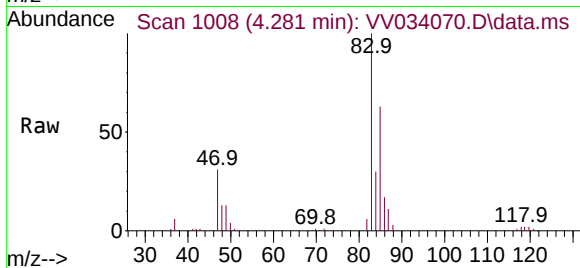
ClientSampleId :

Tgt Ion: 83 Resp: 68867

Ion Ratio Lower Upper

83 100

85 63.0 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.686 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV034070.D

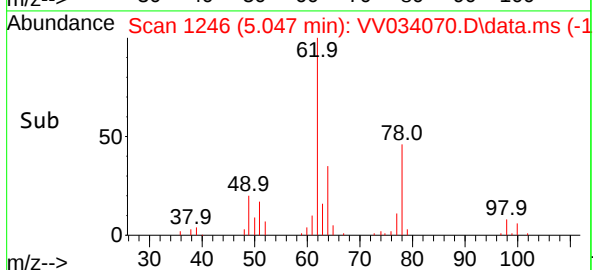
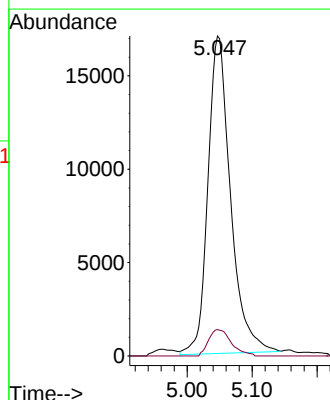
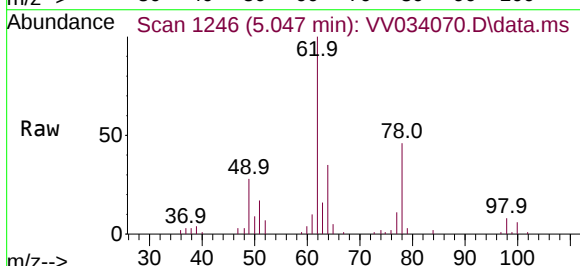
Acq: 08 Feb 2024 19:43

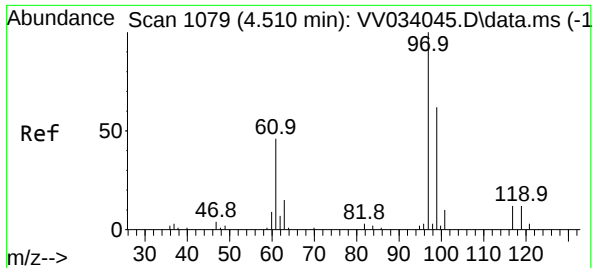
Tgt Ion: 62 Resp: 41133

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.346 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

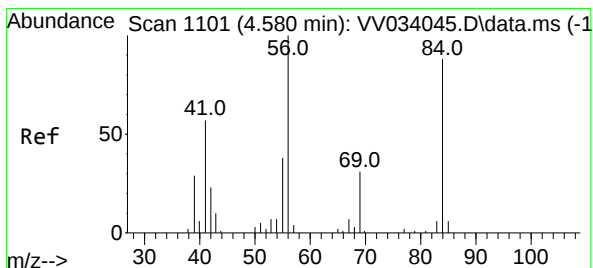
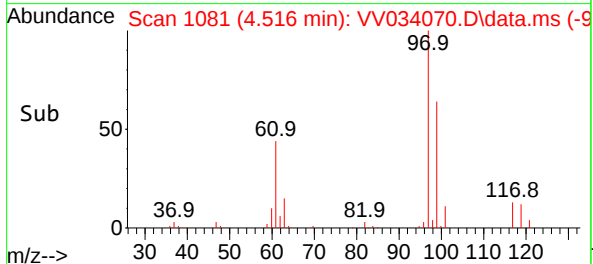
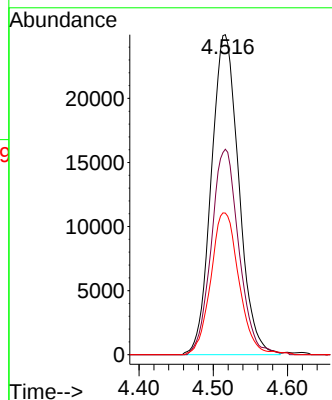
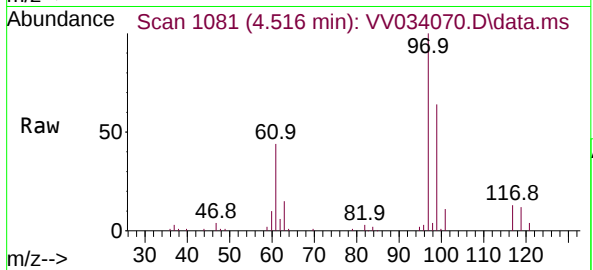
Tgt Ion: 97 Resp: 64253

Ion Ratio Lower Upper

97 100

99 64.2 50.6 75.8

61 45.6 36.8 55.2



#30

Cyclohexane

Concen: 4.805 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

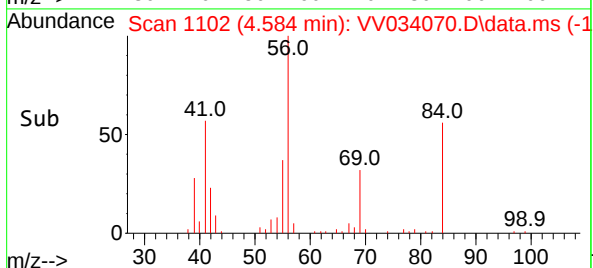
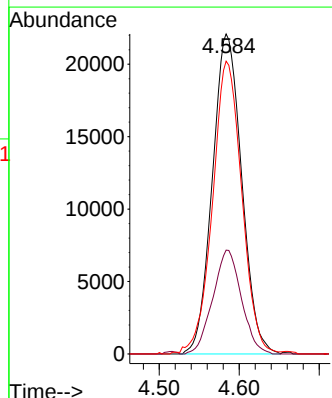
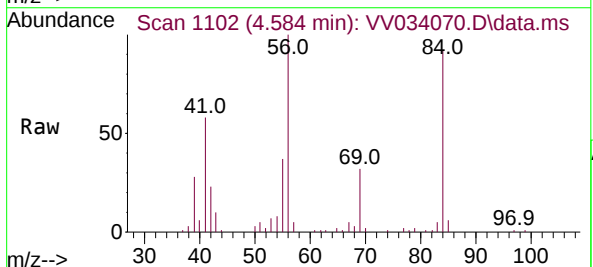
Tgt Ion: 56 Resp: 56160

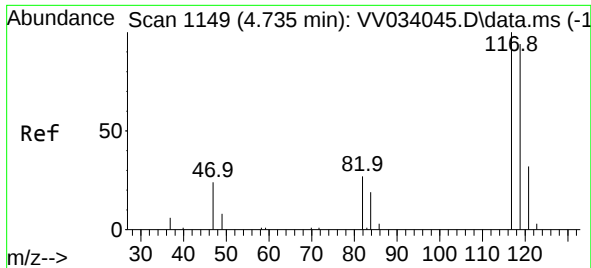
Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.2

84 91.5 70.0 105.0

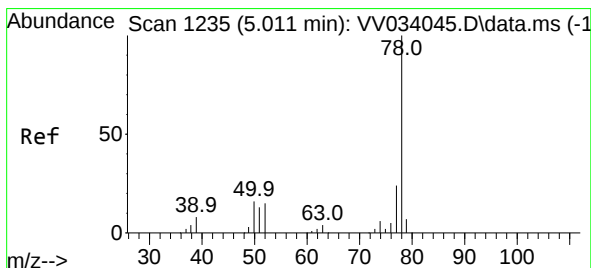
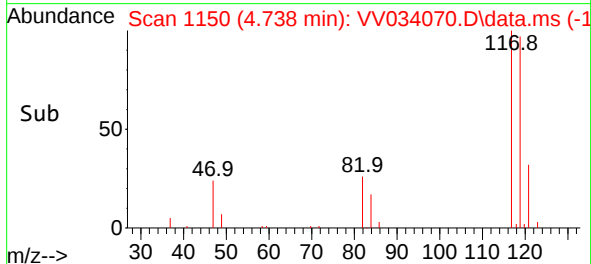
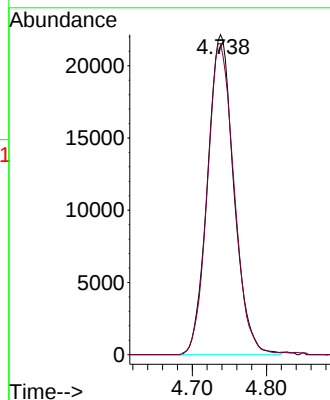
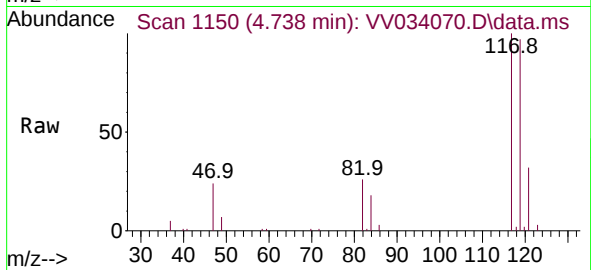




#31
Carbon tetrachloride
Concen: 5.196 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

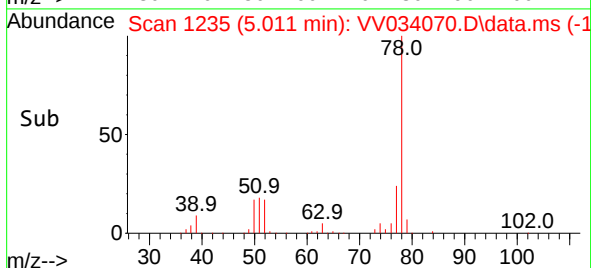
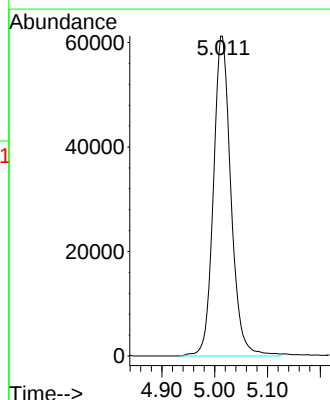
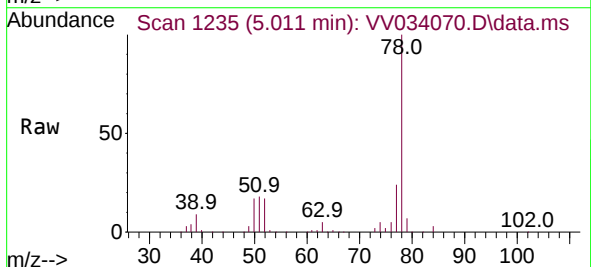
Instrument :
MSVOA_V
ClientSampleId :

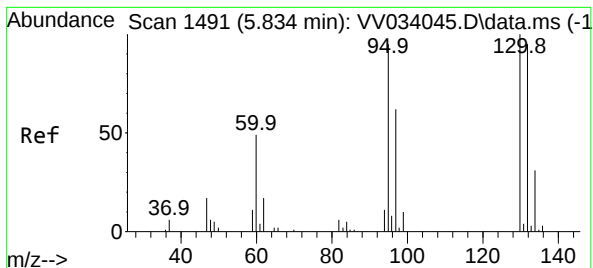
Tgt Ion:117 Resp: 54645
Ion Ratio Lower Upper
117 100
119 98.2 76.1 114.1



#33
Benzene
Concen: 5.261 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion: 78 Resp: 141245





#34

Trichloroethene

Concen: 4.985 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 38736

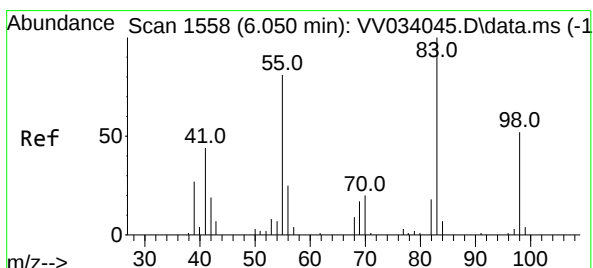
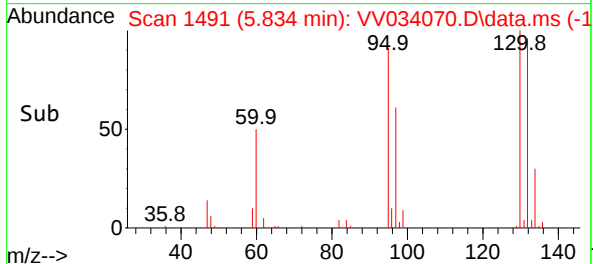
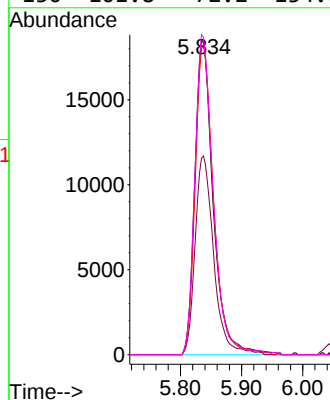
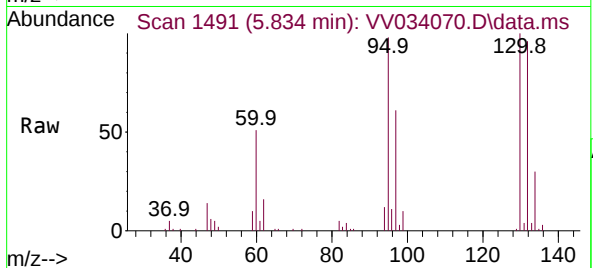
Ion Ratio Lower Upper

95 100

97 62.5 45.1 83.7

132 97.3 66.0 122.6

130 101.8 72.2 134.0



#35

Methylcyclohexane

Concen: 4.852 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

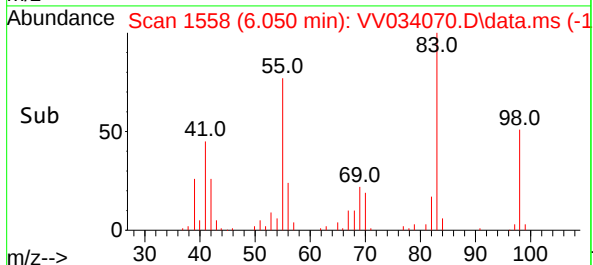
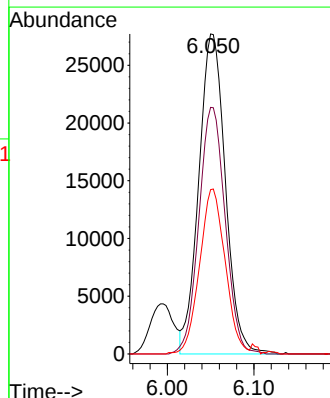
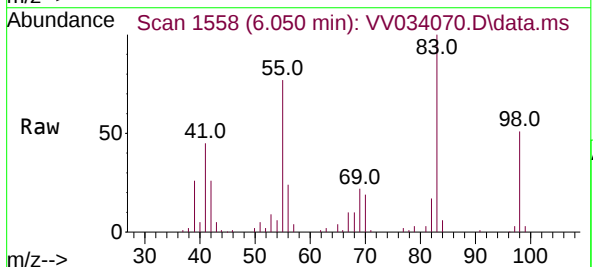
Tgt Ion: 83 Resp: 59183

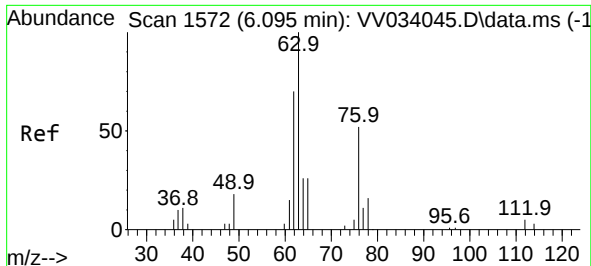
Ion Ratio Lower Upper

83 100

55 76.1 63.5 95.3

98 49.6 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.179 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

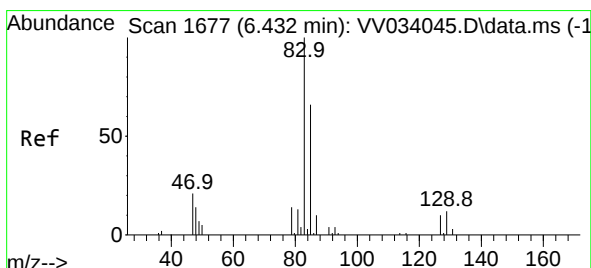
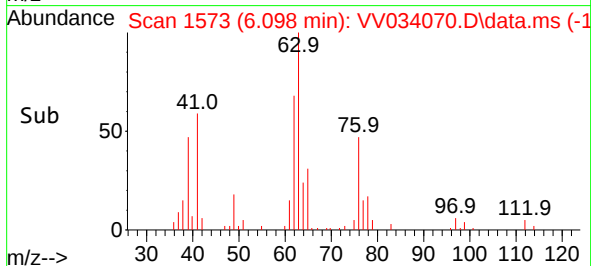
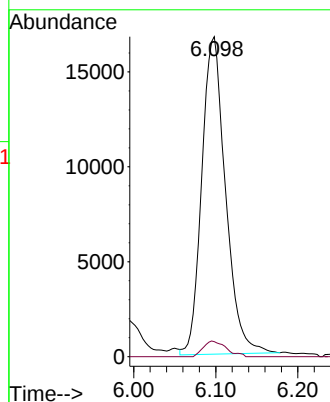
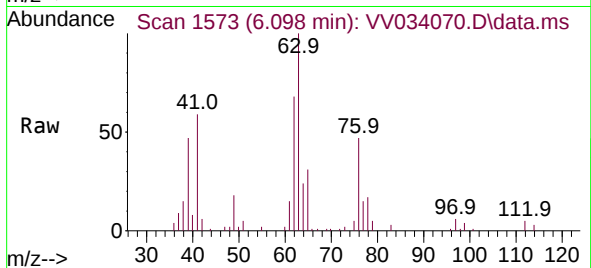
ClientSampleId :

Tgt Ion: 63 Resp: 33684

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.0



#38

Bromodichloromethane

Concen: 5.311 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

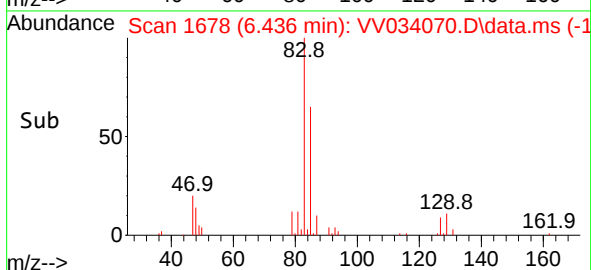
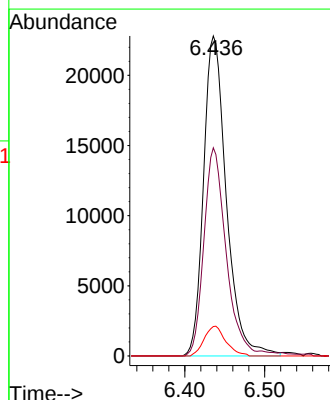
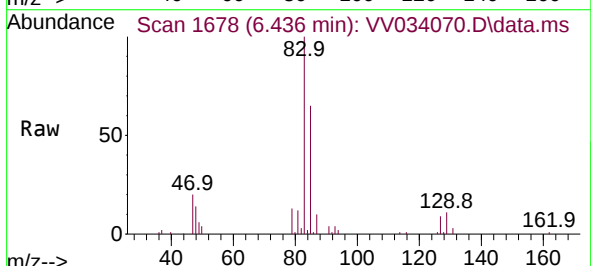
Tgt Ion: 83 Resp: 45346

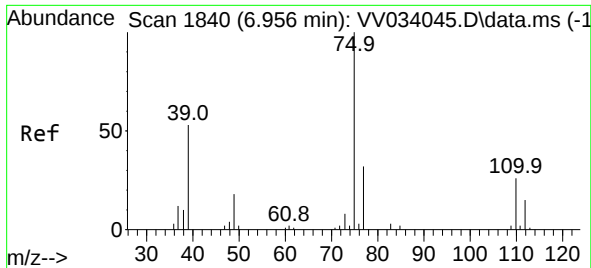
Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.2

127 9.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.238 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

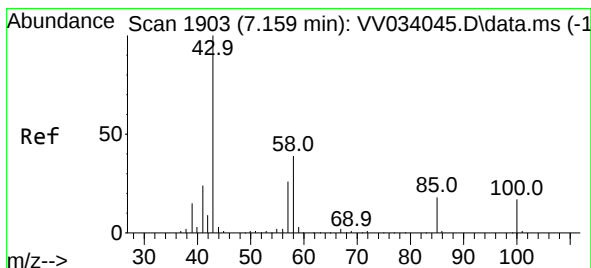
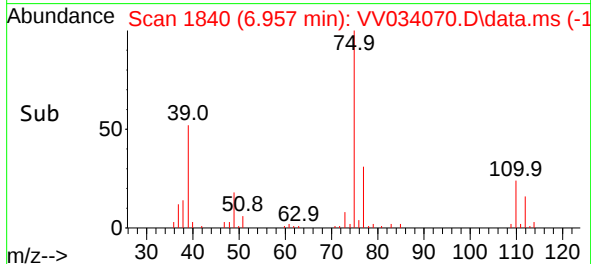
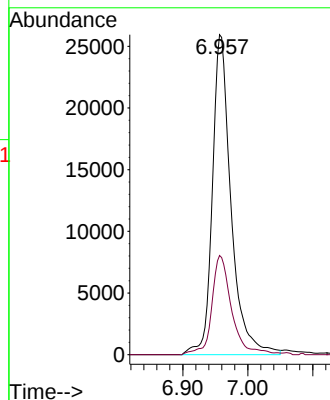
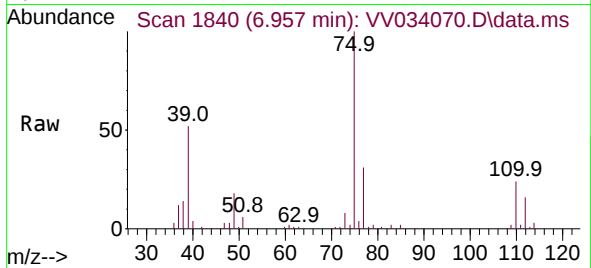
ClientSampleId :

Tgt Ion: 75 Resp: 51832

Ion Ratio Lower Upper

75 100

77 31.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 59.560 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

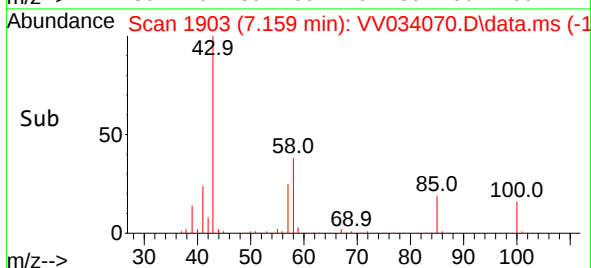
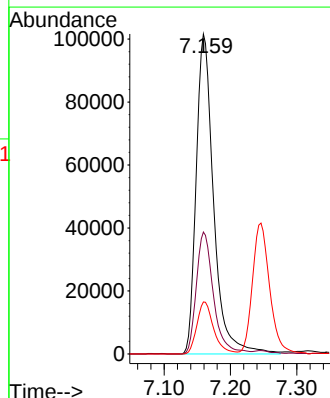
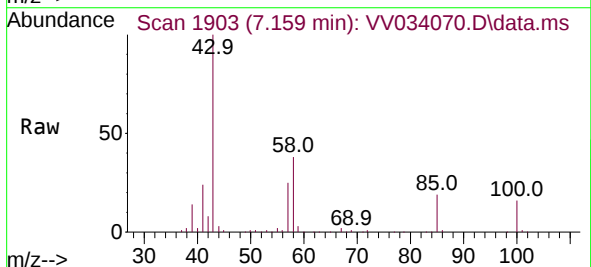
Tgt Ion: 43 Resp: 185495

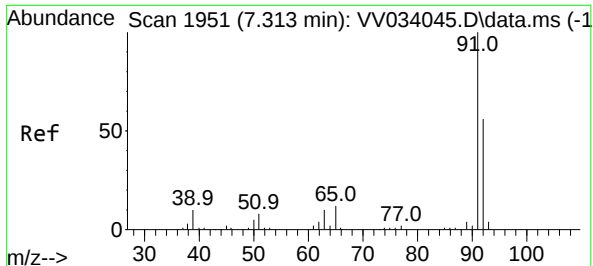
Ion Ratio Lower Upper

43 100

58 37.6 30.2 45.2

100 15.6 12.1 18.1





#42

Toluene

Concen: 5.292 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

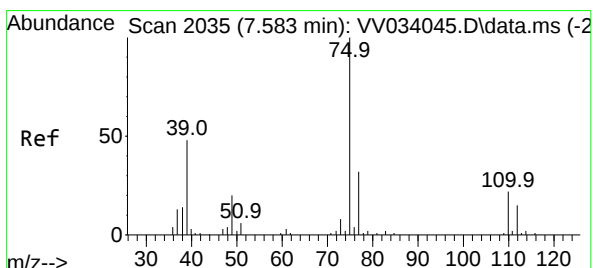
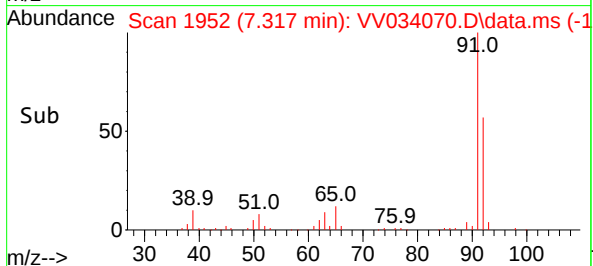
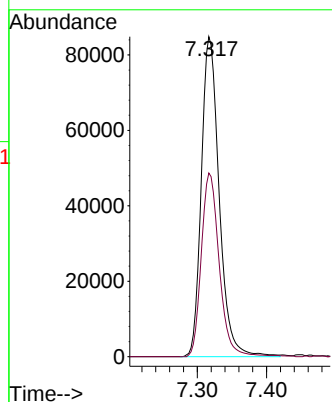
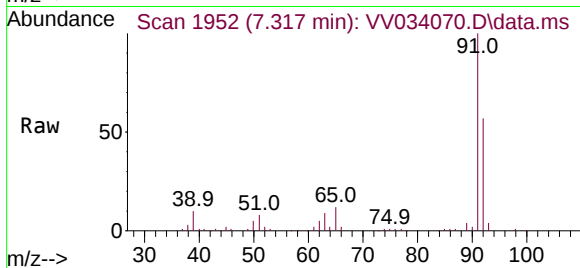
ClientSampleId :

Tgt Ion: 91 Resp: 151859

Ion Ratio Lower Upper

91 100

92 57.4 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.419 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034070.D

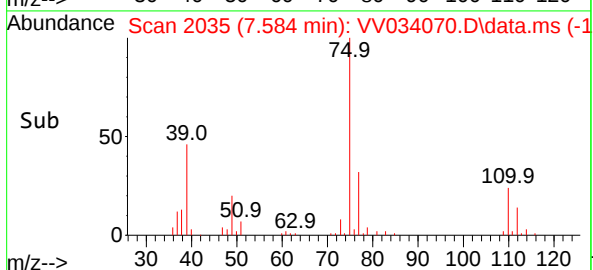
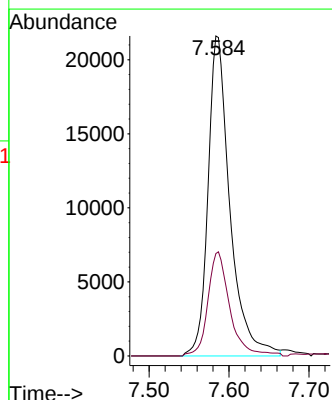
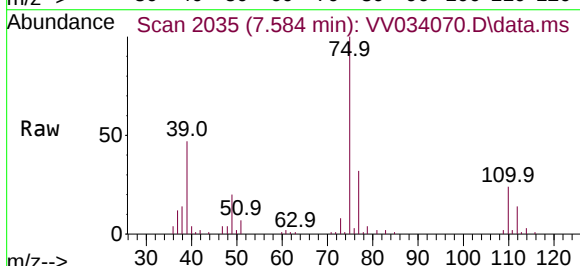
Acq: 08 Feb 2024 19:43

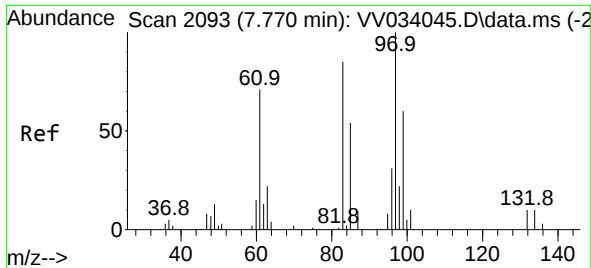
Tgt Ion: 75 Resp: 41175

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2

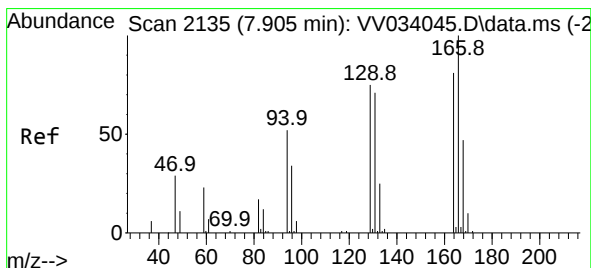
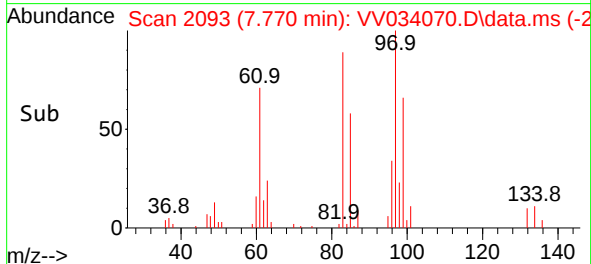
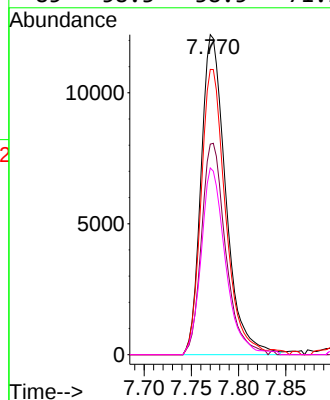
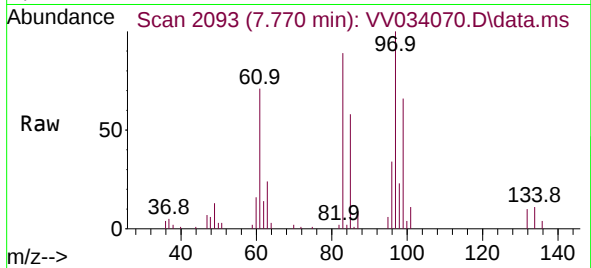




#45
1,1,2-Trichloroethane
Concen: 5.534 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

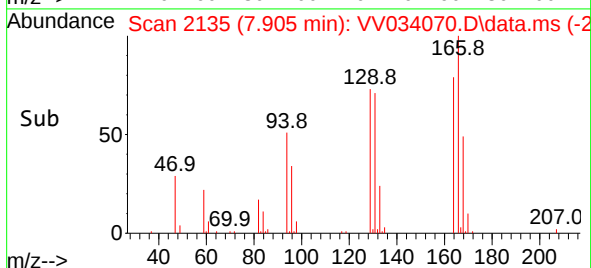
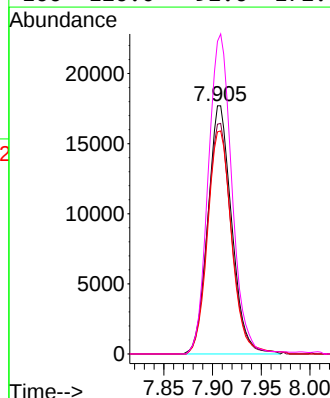
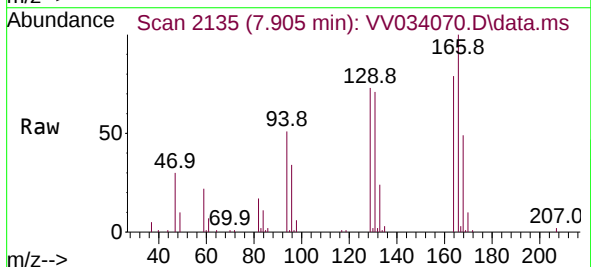
Instrument :
MSVOA_V
ClientSampleId :

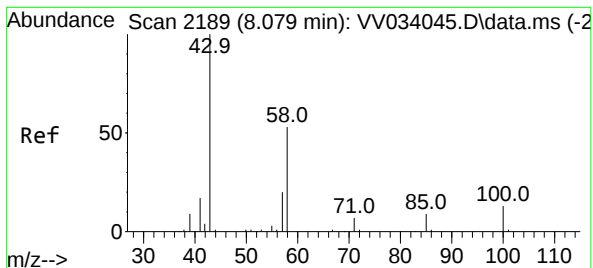
Tgt Ion:	97	Resp:	22226
Ion	Ratio	Lower	Upper
97	100		
99	65.8	45.6	84.6
83	89.2	62.3	115.7
85	58.3	38.5	71.5



#47
Tetrachloroethene
Concen: 4.771 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion:	164	Resp:	30121
Ion	Ratio	Lower	Upper
164	100		
129	92.6	67.8	125.8
131	89.5	63.0	117.0
166	126.0	92.6	172.0





#48

2-Hexanone

Concen: 57.992 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

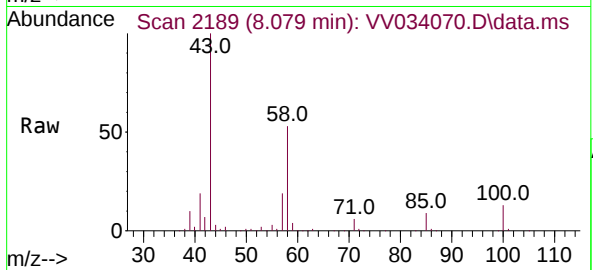
Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 127311

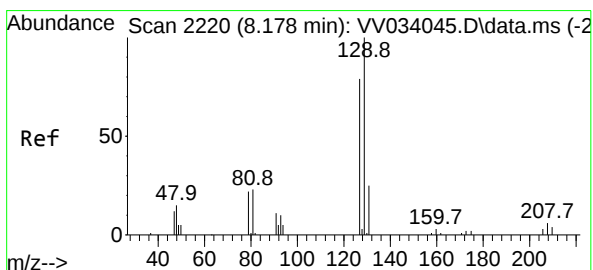
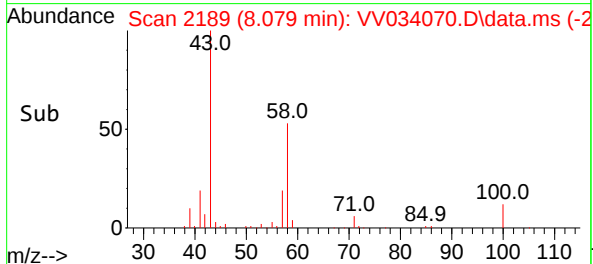
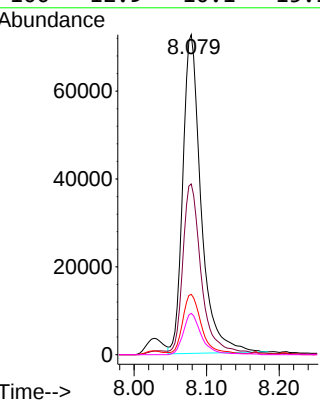
Ion Ratio Lower Upper

43 100

58 54.2 42.6 64.0

57 19.1 15.5 23.3

100 12.9 10.1 15.1



#49

Dibromochloromethane

Concen: 5.480 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.000 min

Lab File: VV034070.D

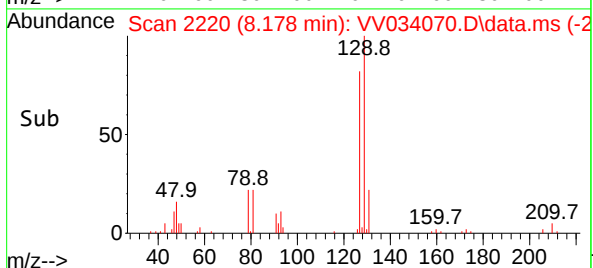
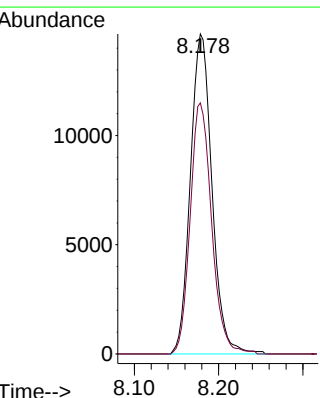
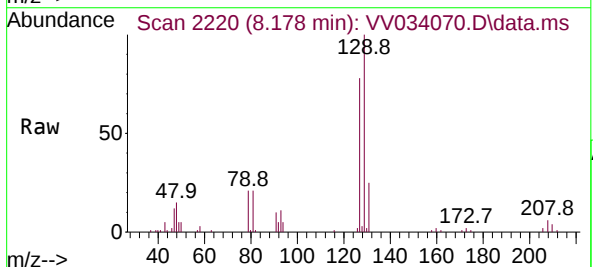
Acq: 08 Feb 2024 19:43

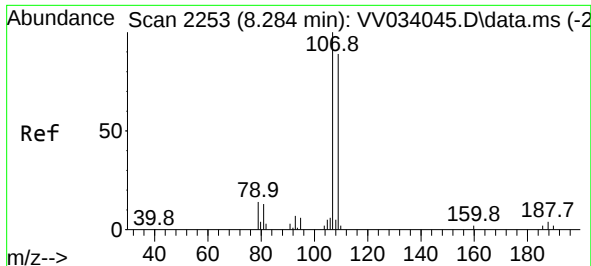
Tgt Ion: 129 Resp: 26152

Ion Ratio Lower Upper

129 100

127 78.4 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.932 ug/L

RT: 8.288 min Scan# 21382

Delta R.T. 0.003 min

Lab File: VV034070.D

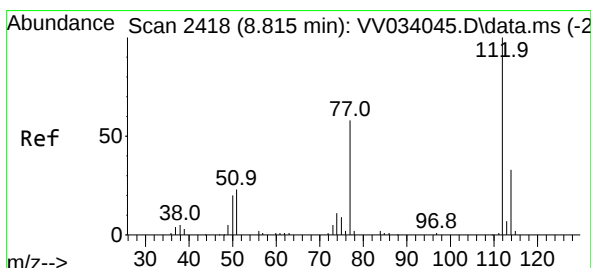
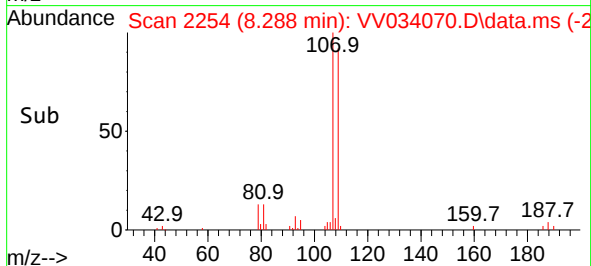
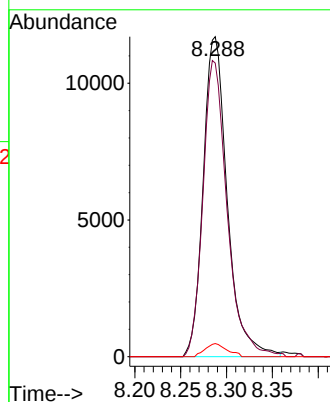
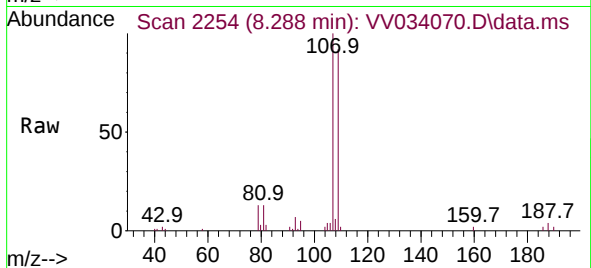
Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	21382
Ion	Ratio	Lower	Upper
107	100		
109	91.8	64.5	119.9
188	4.1	2.6	4.0#



#51

Chlorobenzene

Concen: 5.284 ug/L

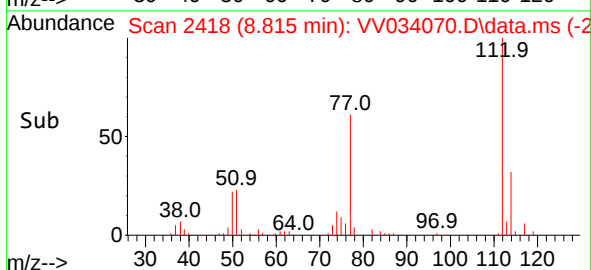
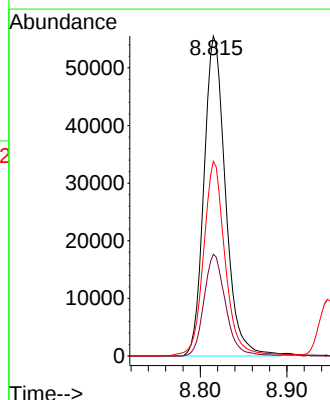
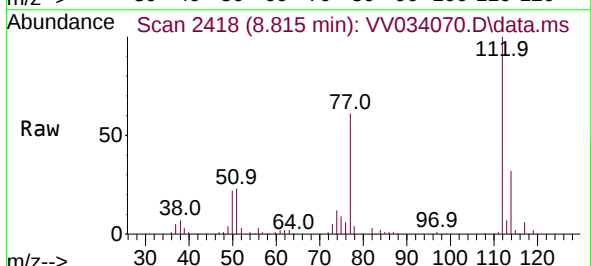
RT: 8.815 min Scan# 2418

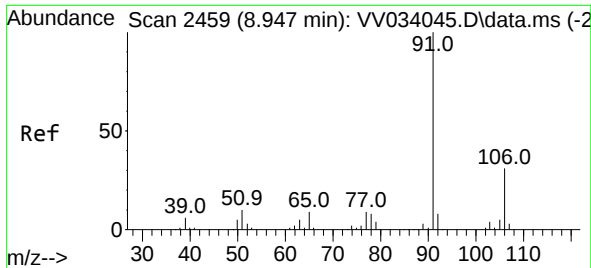
Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Tgt Ion:	112	Resp:	95873
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	60.8	48.1	72.1

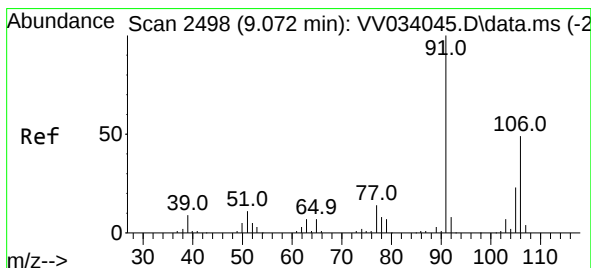
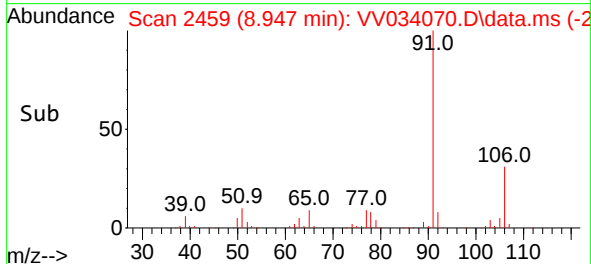
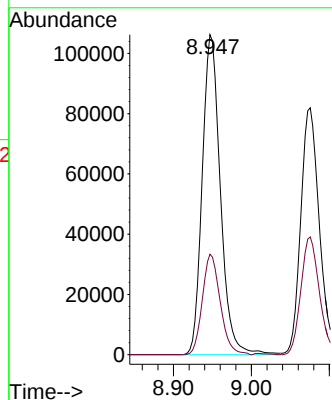
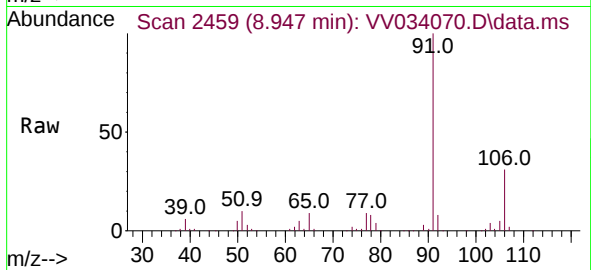




#52
Ethylbenzene
Concen: 5.207 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

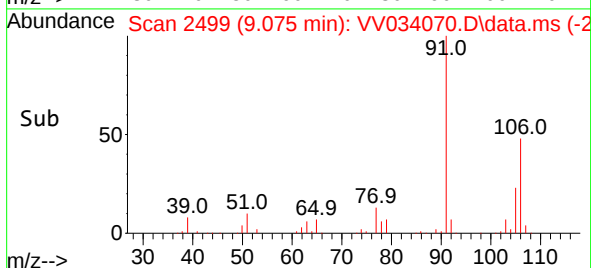
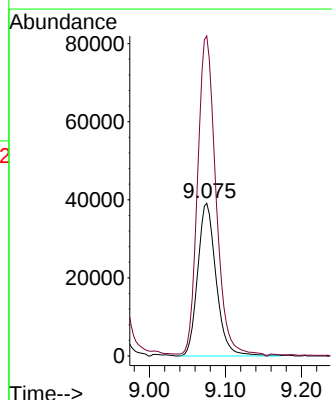
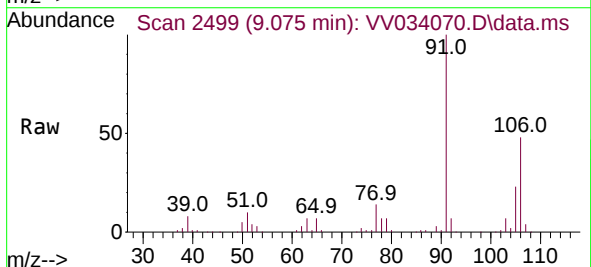
Instrument :
MSVOA_V
ClientSampleId :

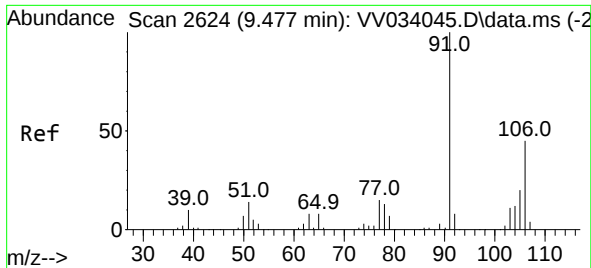
Tgt Ion: 91 Resp: 171995
Ion Ratio Lower Upper
91 100
106 31.4 21.4 39.8



#53
m,p-Xylene
Concen: 5.285 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion: 106 Resp: 65968
Ion Ratio Lower Upper
106 100
91 209.6 147.5 273.9

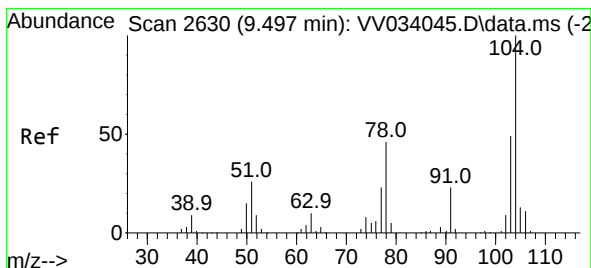
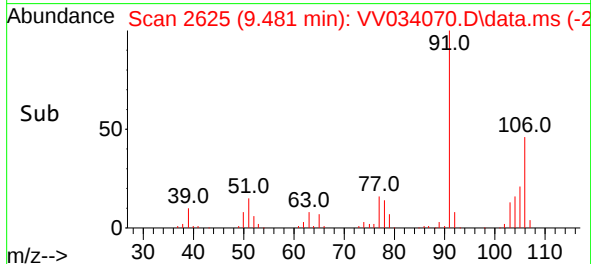
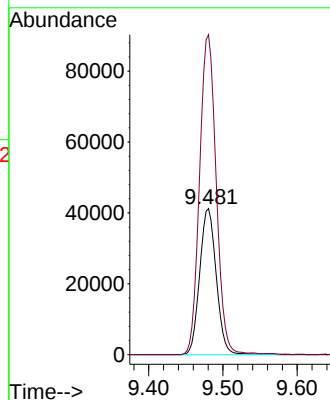
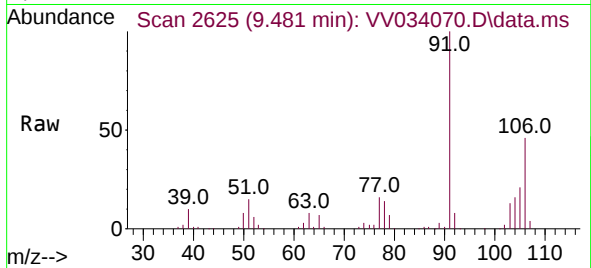




#54
o-Xylene
Concen: 5.315 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

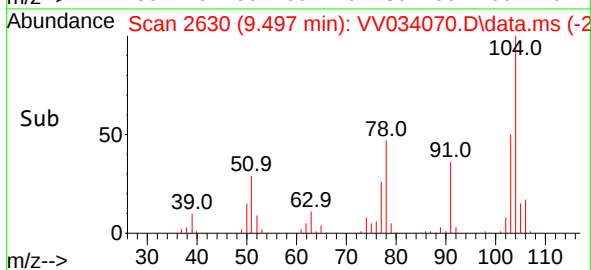
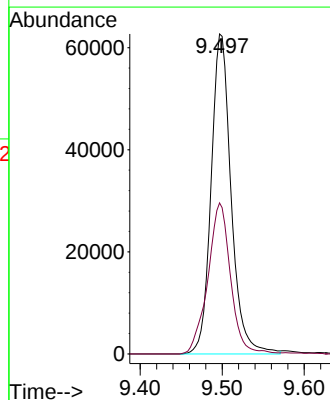
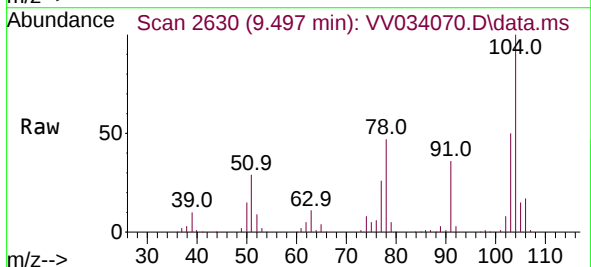
Instrument :
MSVOA_V
ClientSampleId :

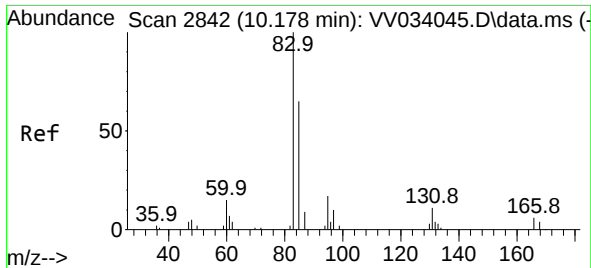
Tgt Ion:106 Resp: 63973
Ion Ratio Lower Upper
106 100
91 219.1 156.2 290.0



#55
Styrene
Concen: 5.523 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion:104 Resp: 106429
Ion Ratio Lower Upper
104 100
78 47.2 32.9 61.1

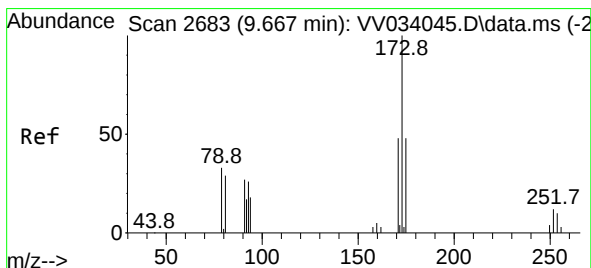
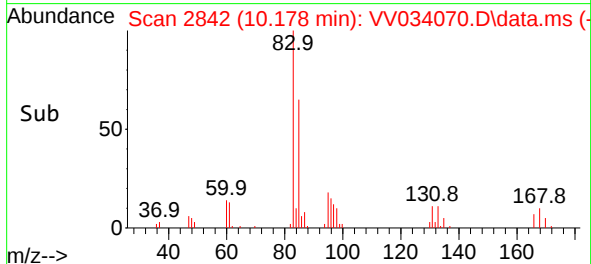
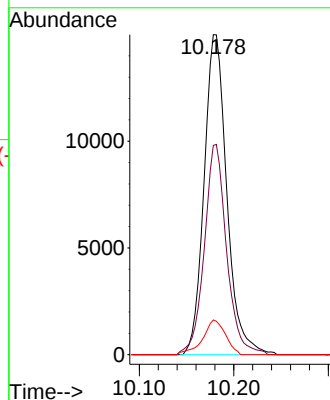
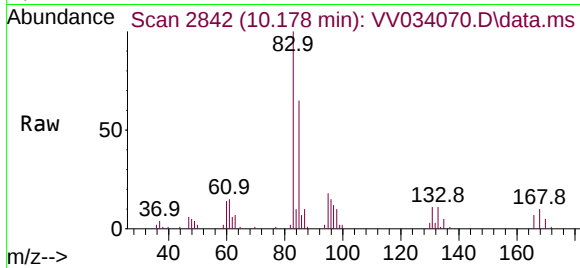




#57
1,1,2,2-Tetrachloroethane
Concen: 5.923 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

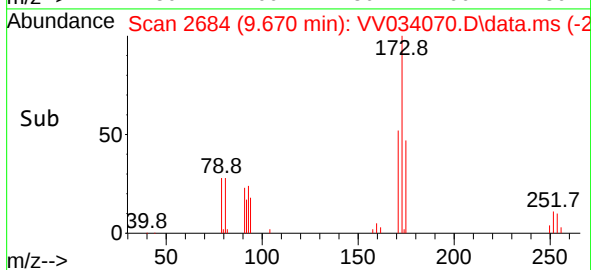
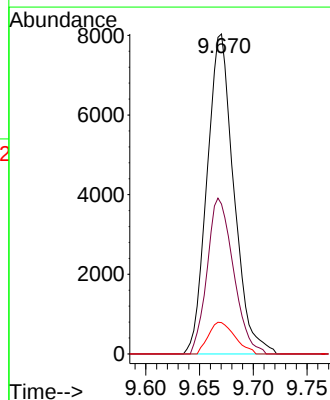
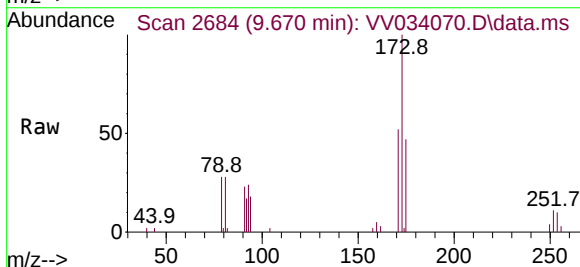
Instrument :
MSVOA_V
ClientSampleId :

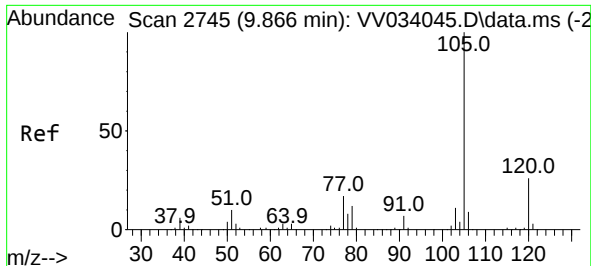
Tgt Ion:	83	Resp:	25107
Ion	Ratio	Lower	Upper
83	100		
85	65.4	46.5	86.3
131	10.8	8.4	12.6



#59
Bromoform
Concen: 5.297 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

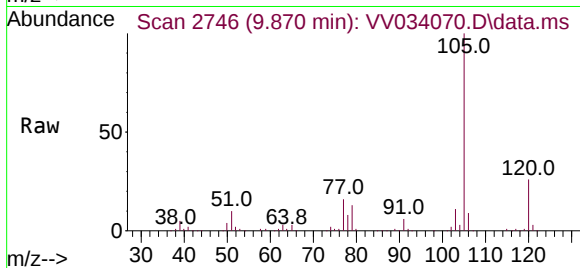
Tgt Ion:	173	Resp:	13907
Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.6	57.8
254	9.8	7.2	10.8



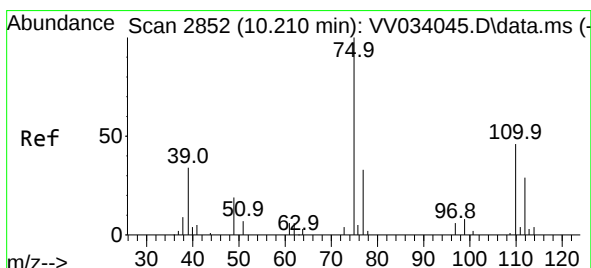
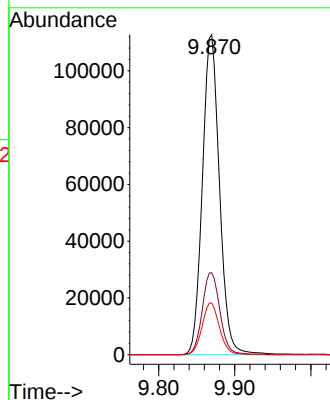
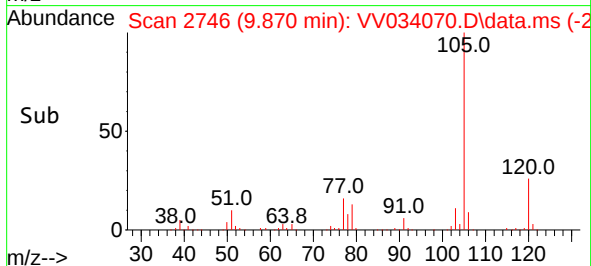


#60
Isopropylbenzene
Concen: 4.998 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Instrument :
MSVOA_V
ClientSampleId :

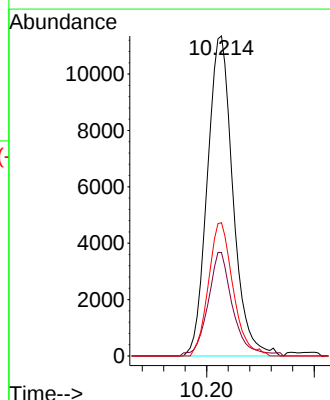
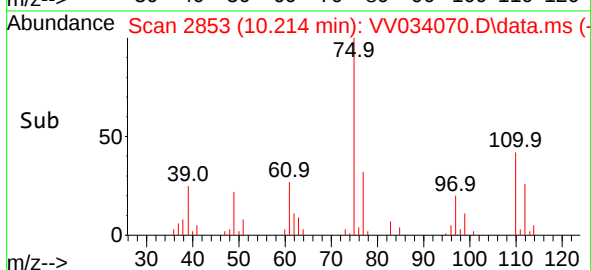
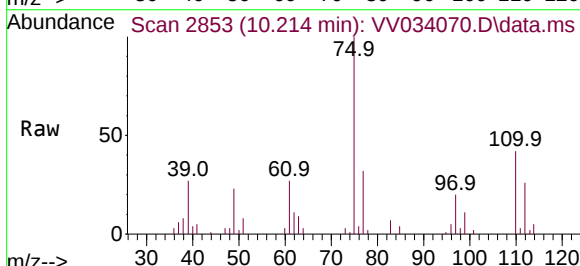


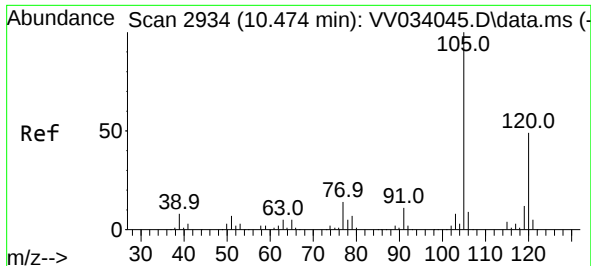
Tgt Ion:105 Resp: 176238
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.716 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Tgt Ion: 75 Resp: 18727
Ion Ratio Lower Upper
75 100
77 31.3 26.9 40.3
110 40.1 33.3 49.9

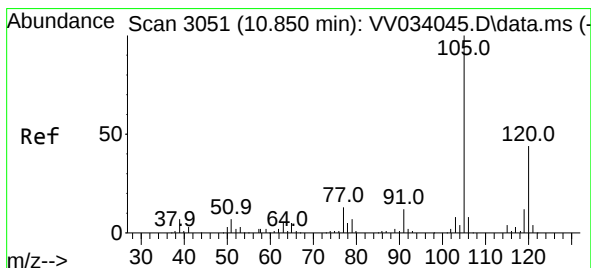
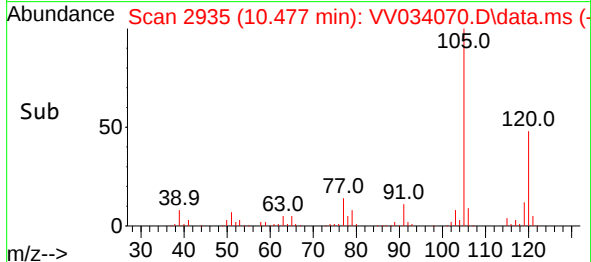
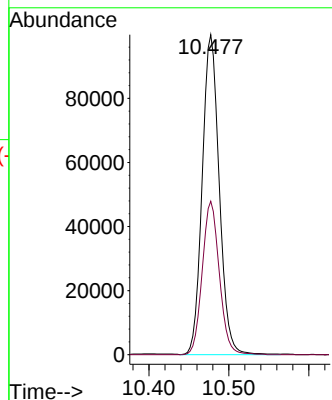
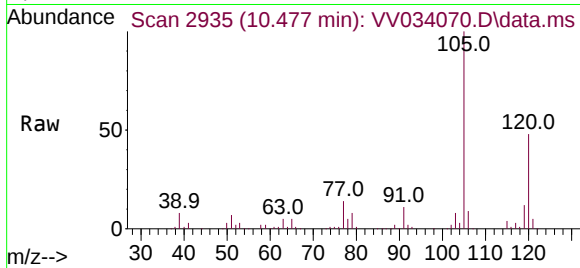




#62
1,3,5-Trimethylbenzene
Concen: 4.973 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

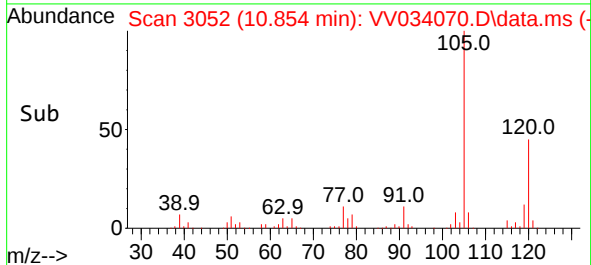
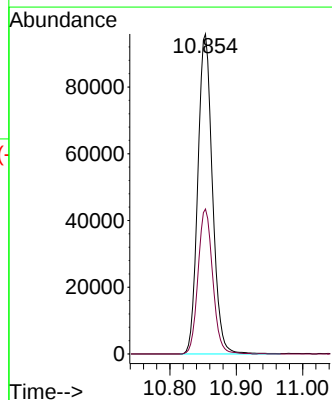
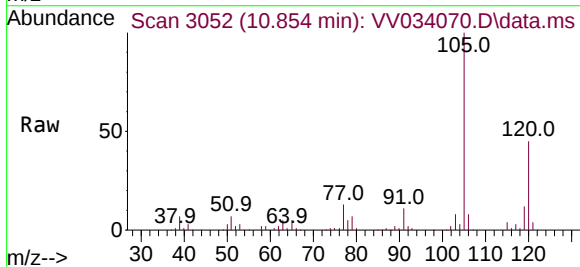
Instrument :
MSVOA_V
ClientSampleId :

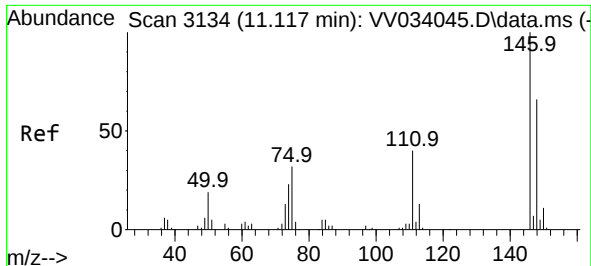
Tgt Ion:105 Resp: 148259
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.053 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

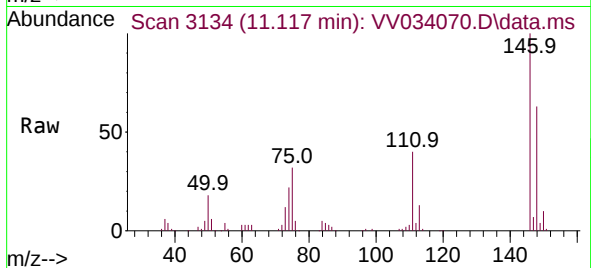
Tgt Ion:105 Resp: 146367
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.2



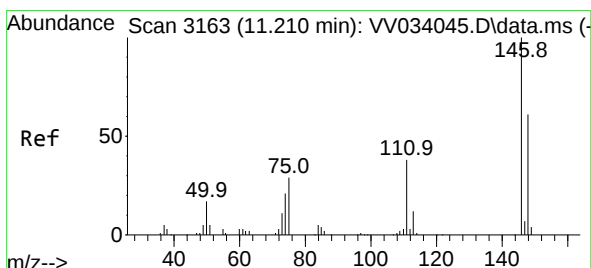
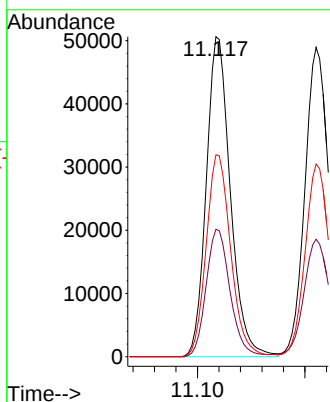
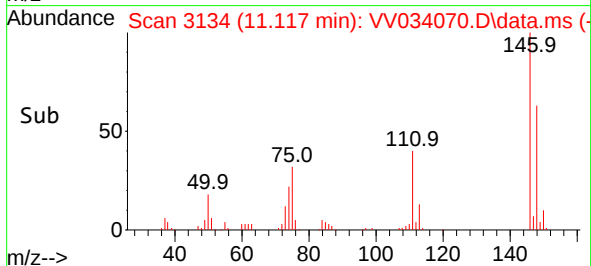


#64
1,3-Dichlorobenzene
Concen: 5.121 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

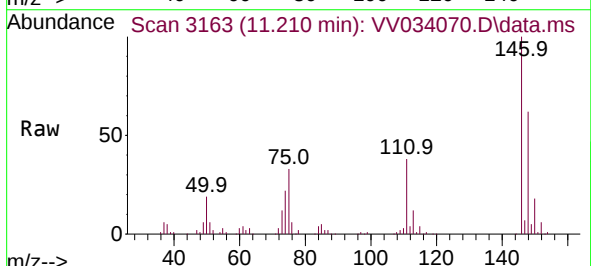
Instrument :
MSVOA_V
ClientSampleId :



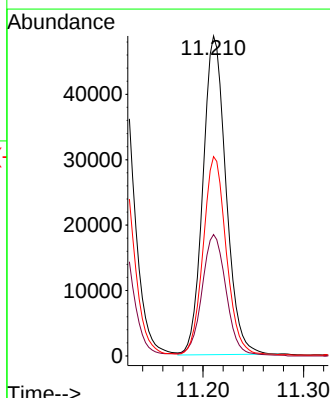
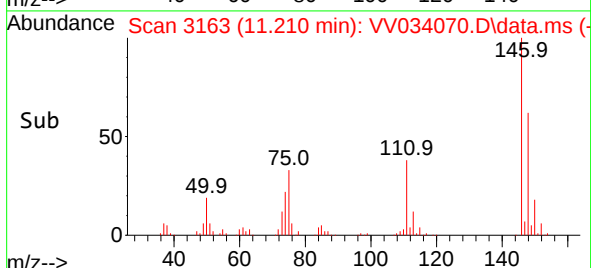
Tgt Ion:146 Resp: 78745
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 63.1 44.4 82.4

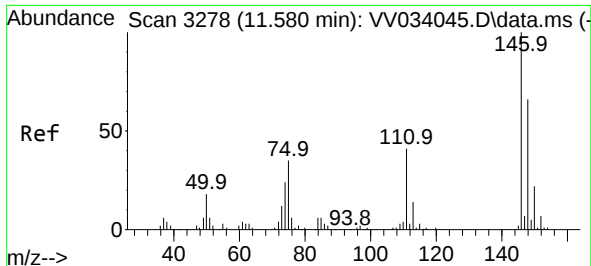


#65
1,4-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43



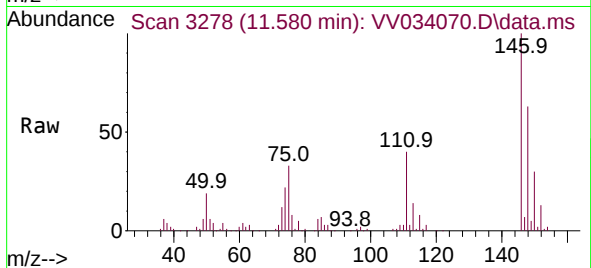
Tgt Ion:146 Resp: 77623
Ion Ratio Lower Upper
146 100
111 38.0 27.6 51.4
148 62.3 44.8 83.2



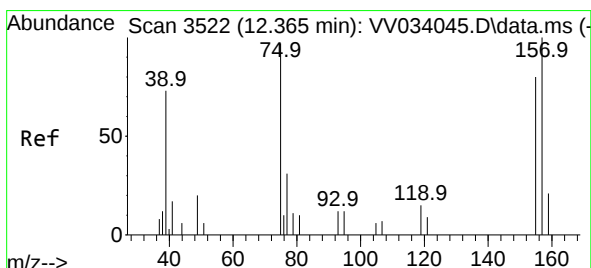
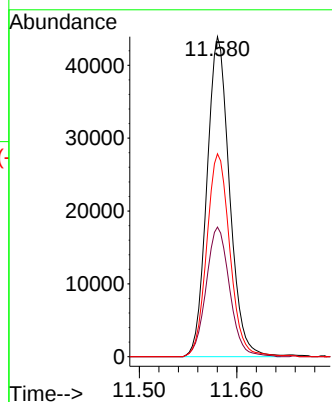
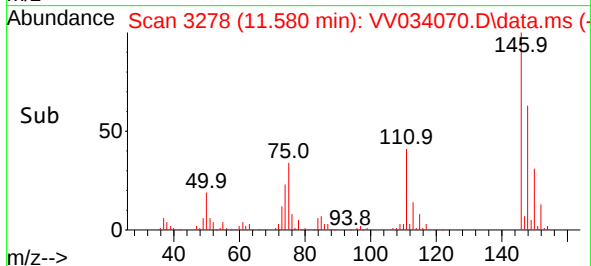


#67
1,2-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

Instrument :
MSVOA_V
ClientSampleId :

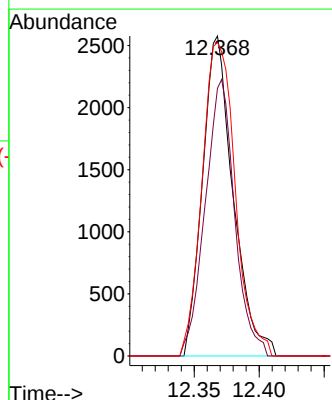
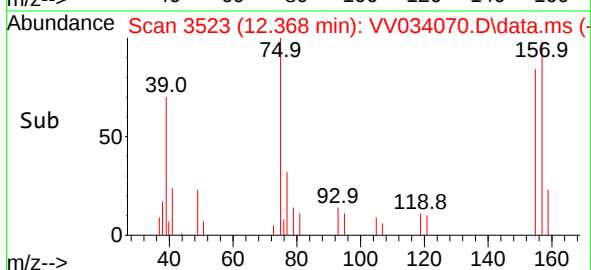
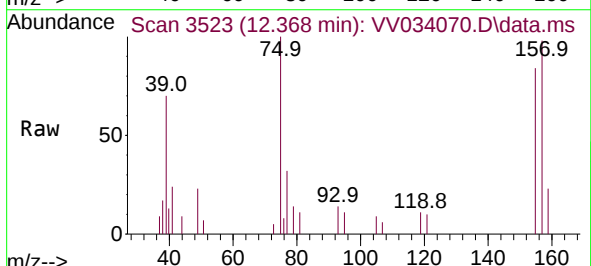


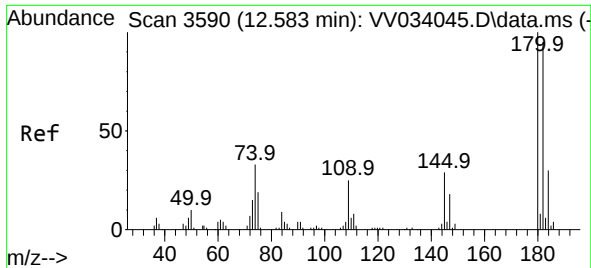
Tgt Ion:146 Resp: 70799
Ion Ratio Lower Upper
146 100
111 40.5 31.2 46.8
148 63.4 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 6.159 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

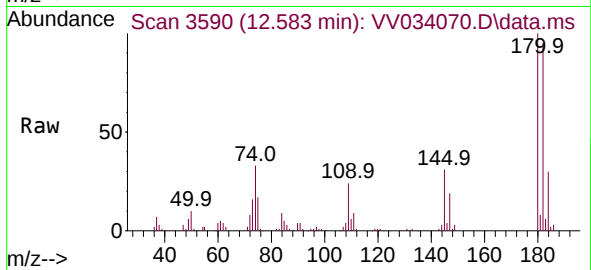
Tgt Ion: 75 Resp: 4229
Ion Ratio Lower Upper
75 100
155 83.7 68.9 103.3
157 98.1 84.6 127.0



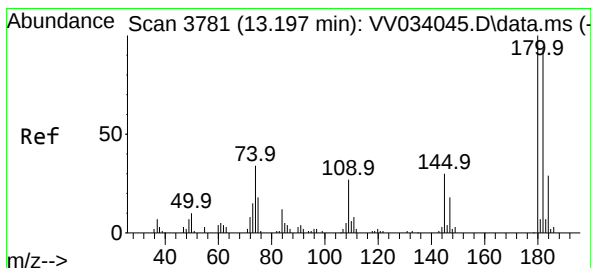
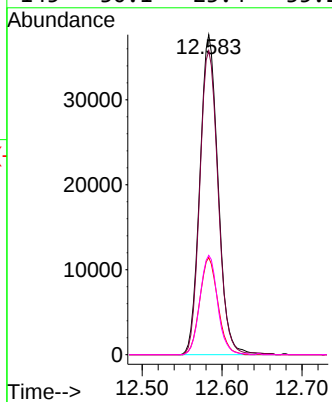
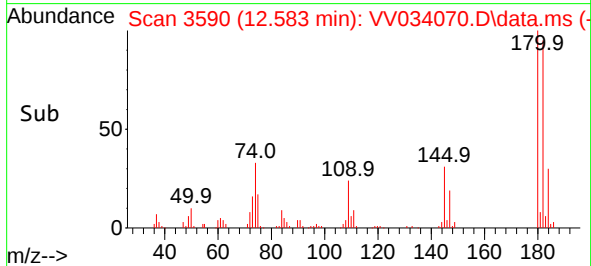


#69
1,3,5-Trichlorobenzene
Concen: 5.032 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43

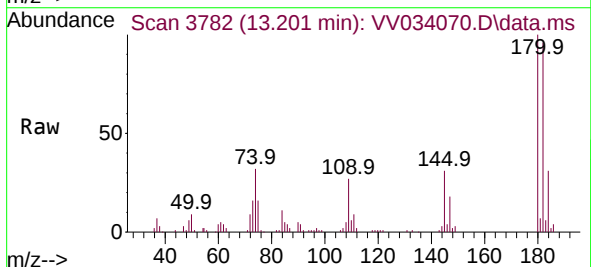
Instrument :
MSVOA_V
ClientSampleId :



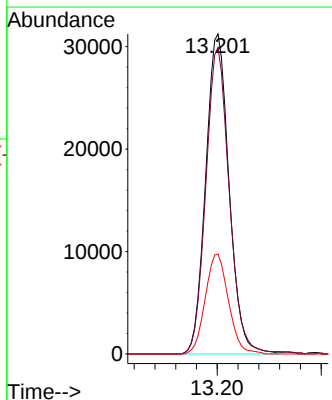
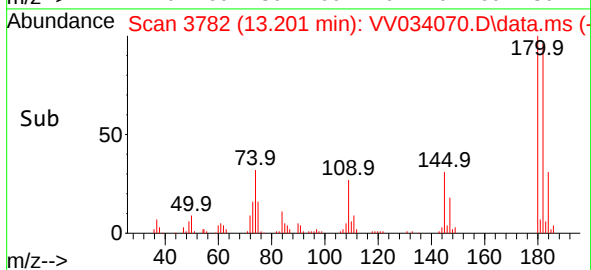
Tgt Ion:180 Resp: 59878
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
184 30.1 23.8 35.6
145 30.1 23.4 35.2

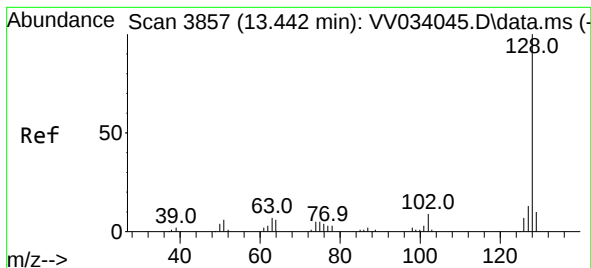


#70
1,2,4-trichlorobenzene
Concen: 5.257 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV034070.D
Acq: 08 Feb 2024 19:43



Tgt Ion:180 Resp: 48830
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 30.9 24.8 37.2





#71

Naphthalene

Concen: 6.069 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

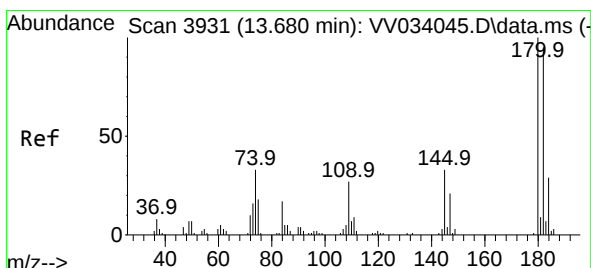
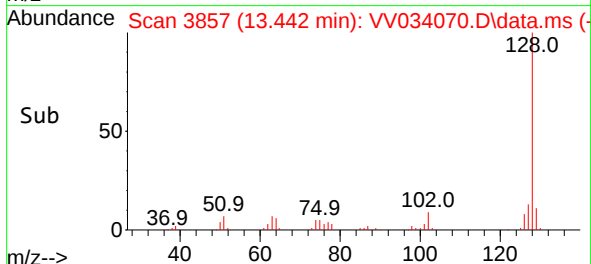
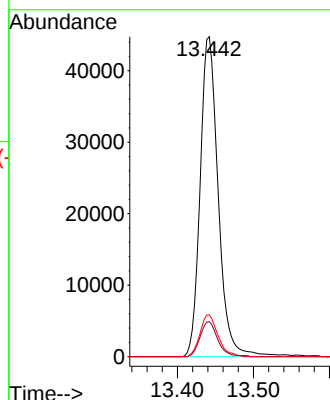
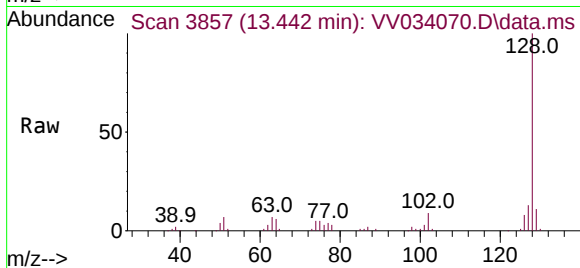
Tgt Ion:128 Resp: 73873

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.707 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034070.D

Acq: 08 Feb 2024 19:43

Tgt Ion:180 Resp: 42481

Ion Ratio Lower Upper

180 100

182 93.1 75.0 112.6

145 32.0 25.2 37.8

