

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033654.D
 Acq On : 15 Jan 2024 20:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:49:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	110726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27877	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.532	69	26332	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	13424	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.802	46	75876	51.254	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	4.249	84	69000	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	4.944	65	31142	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.960	84	125032	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	5.989	67	39988	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.243	98	113717	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.555	79	14236	5.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.027	63	61883	56.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.560%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	25159	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	40450	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54885	5.440	ug/L	99
3) Chloromethane	1.217	50	59991	4.960	ug/L	97
5) Vinyl chloride	1.285	62	60927	5.290	ug/L	98
6) Bromomethane	1.491	94	21014	3.648	ug/L	99
8) Chloroethane	1.552	64	36875	5.271	ug/L	97
9) Trichlorofluoromethane	1.716	101	80334	5.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44227	5.623	ug/L	99
12) 1,1-Dichloroethene	2.073	96	42079	5.391	ug/L	96
13) Acetone	2.134	43	50649	42.145	ug/L	89
14) Carbon disulfide	2.243	76	155015	5.368	ug/L	99
15) Methyl Acetate	2.384	43	13687	4.765	ug/L	98
16) Methylene chloride	2.449	84	46144	5.010	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	95208	5.387	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	47377	5.373	ug/L	97
19) 1,1-Dichloroethane	3.111	63	93714	5.349	ug/L	100
21) 2-Butanone	3.886	43	78918	47.308	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	50408	5.460	ug/L	95
23) Bromochloromethane	4.150	128	18482	5.489	ug/L	95
25) Chloroform	4.275	83	89204	5.546	ug/L	99

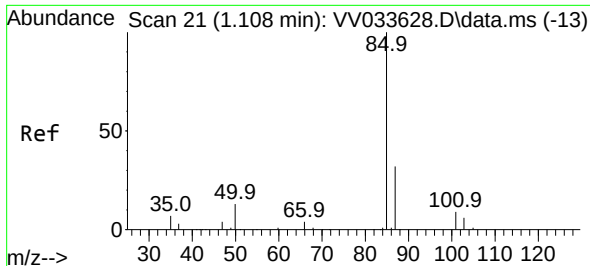
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	50943	5.558	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	79646	5.578	ug/L	99
30) Cyclohexane	4.580	56	88810	5.189	ug/L	95
31) Carbon tetrachloride	4.735	117	69703	5.726	ug/L	95
33) Benzene	5.011	78	195426	5.466	ug/L	100
34) Trichloroethene	5.834	95	50729	5.330	ug/L	98
35) Methylcyclohexane	6.050	83	83946	5.211	ug/L	97
37) 1,2-Dichloropropane	6.092	63	47526	5.352	ug/L	98
38) Bromodichloromethane	6.432	83	59663	5.513	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	67975	5.361	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	217434	53.270	ug/L	98
42) Toluene	7.313	91	206341	5.457	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	53131	5.199	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	26045	5.280	ug/L	96
47) Tetrachloroethene	7.905	164	38223	5.590	ug/L	97
48) 2-Hexanone	8.079	43	152319	50.939	ug/L	98
49) Dibromochloromethane	8.175	129	34405	5.601	ug/L	99
50) 1,2-Dibromoethane	8.284	107	24864	5.461	ug/L	100
51) Chlorobenzene	8.815	112	126657	5.468	ug/L	98
52) Ethylbenzene	8.947	91	237199	5.411	ug/L	99
53) m,p-Xylene	9.072	106	88131	5.457	ug/L	100
54) o-Xylene	9.477	106	85361	5.432	ug/L	100
55) Styrene	9.497	104	136794	5.462	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	30472	5.628	ug/L	100
59) Bromoform	9.667	173	17107	5.598	ug/L	97
60) Isopropylbenzene	9.866	105	219963	5.492	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	22368	5.511	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	190831	5.514	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	193912	5.550	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	98808	5.577	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	93398	5.384	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	85368	5.545	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	4969	5.571	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	72152	5.246	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	55982	4.886	ug/L	98
71) Naphthalene	13.442	128	74243	3.882	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	44269	4.817	ug/L	98

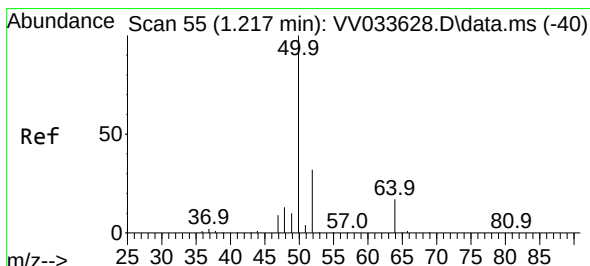
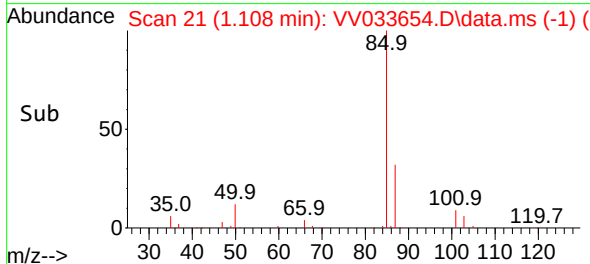
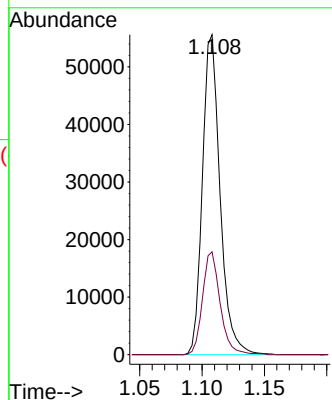
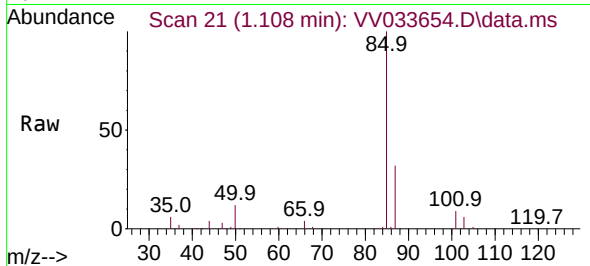
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.440 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033654.D
 Acq: 15 Jan 2024 20:13

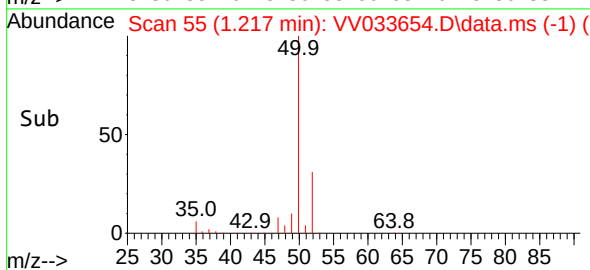
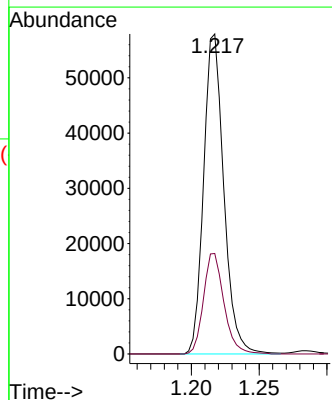
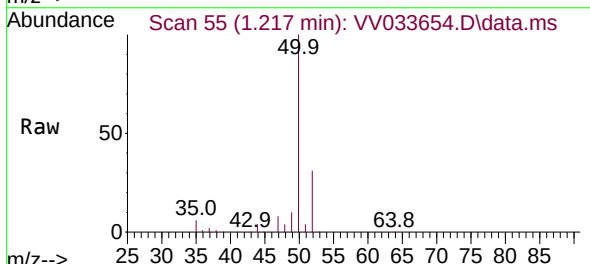
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 MSVOA_V
 ClientSampleId :

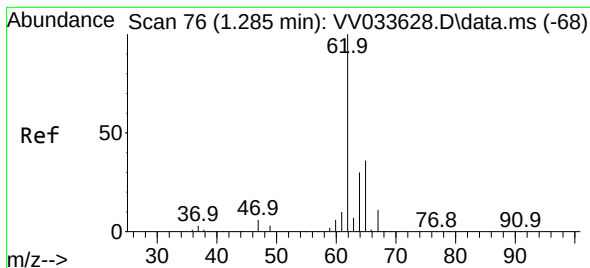
Tgt Ion: 85 Resp: 54885
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.2 37.8



#3
 Chloromethane
 Concen: 4.960 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033654.D
 Acq: 15 Jan 2024 20:13

Tgt Ion: 50 Resp: 59991
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.1 42.9





#5

Vinyl chloride

Concen: 5.290 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

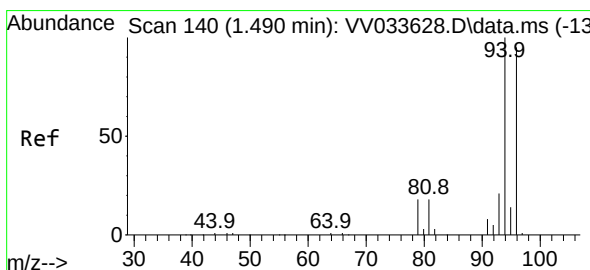
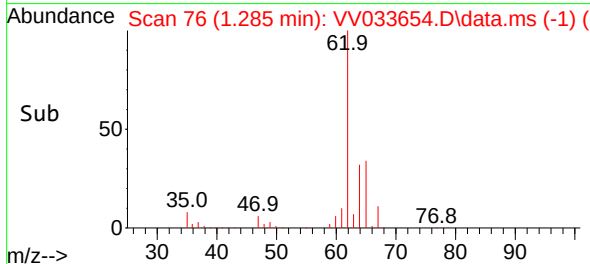
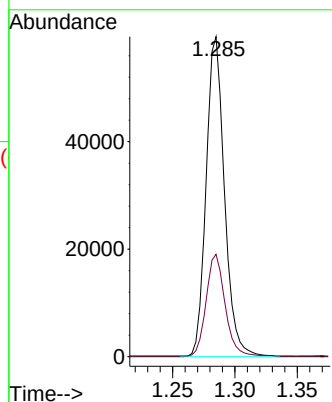
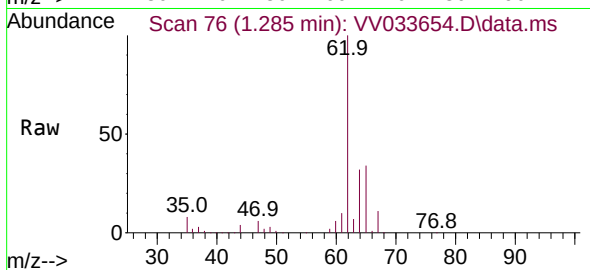
ClientSampleId :

Tgt Ion: 62 Resp: 60927

Ion Ratio Lower Upper

62 100

64 32.0 23.0 42.8



#6

Bromomethane

Concen: 3.648 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV033654.D

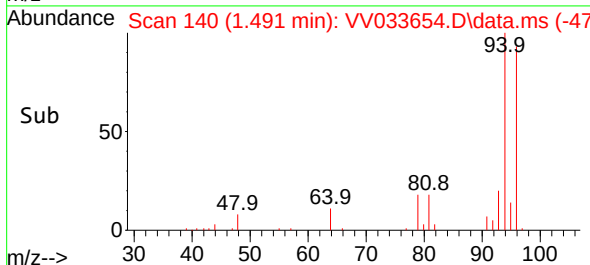
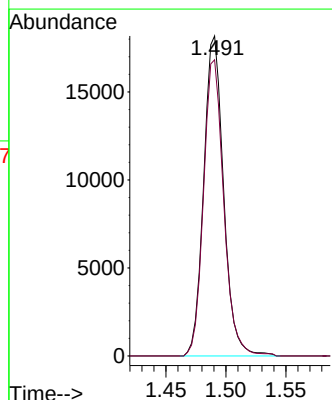
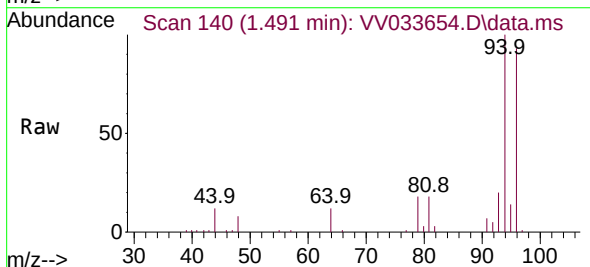
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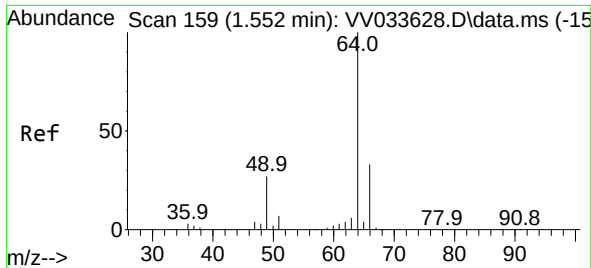
Tgt Ion: 94 Resp: 21014

Ion Ratio Lower Upper

94 100

96 92.6 65.5 121.6

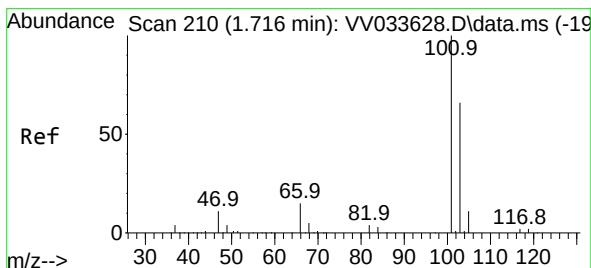
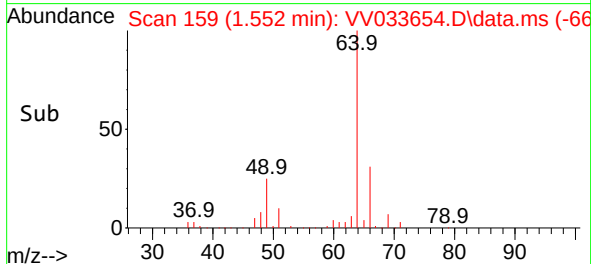
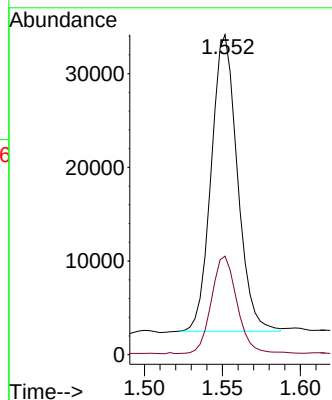
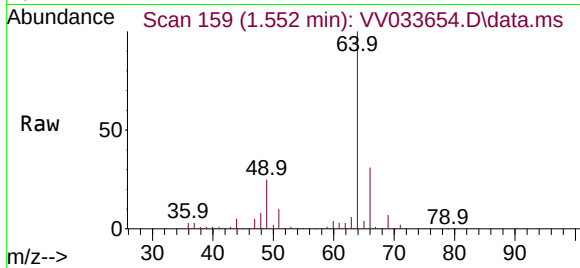




#8
Chloroethane
Concen: 5.271 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

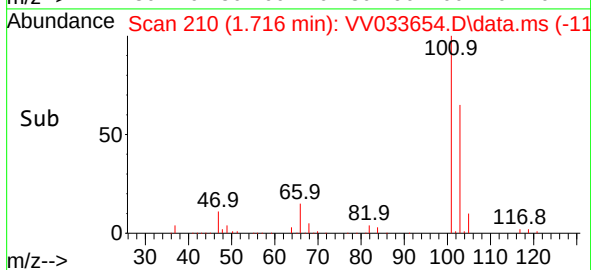
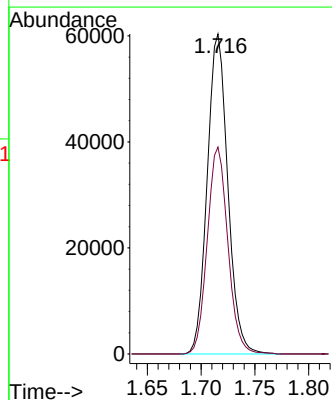
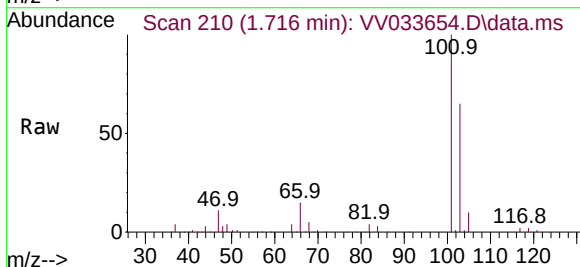
Instrument :
MSVOA_V
ClientSampleId :

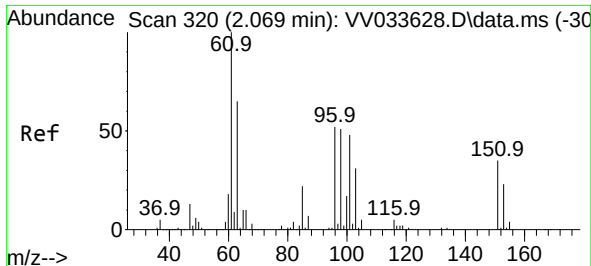
Tgt Ion: 64 Resp: 36875
Ion Ratio Lower Upper
64 100
66 30.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.740 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion:101 Resp: 80334
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1





#10

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

Concen: 5.623 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

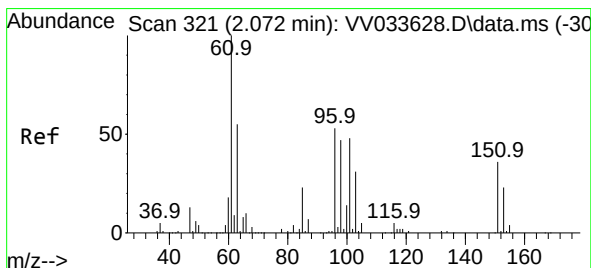
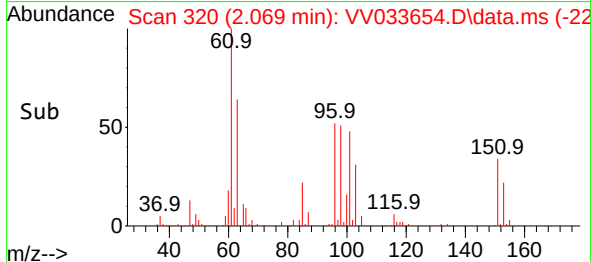
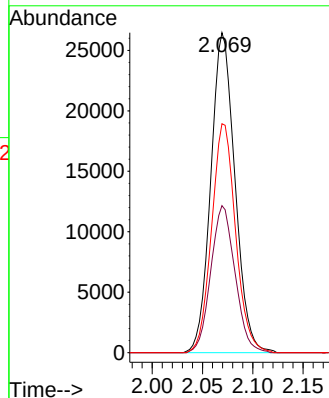
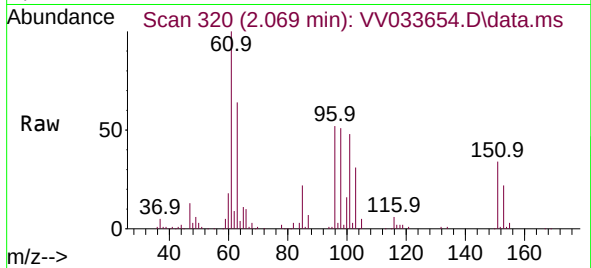
Tgt Ion:101 Resp: 44227

Ion Ratio Lower Upper

101 100

85 46.1 36.4 54.6

151 71.2 58.1 87.1



#12

1,1-Dichloroethene

Concen: 5.391 ug/L

RT: 2.073 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

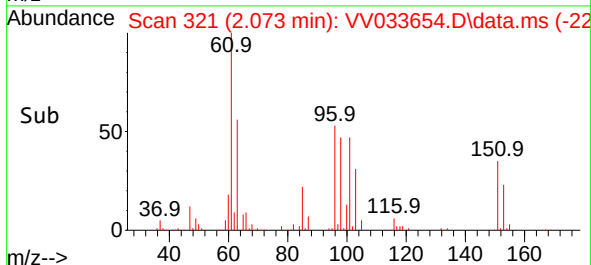
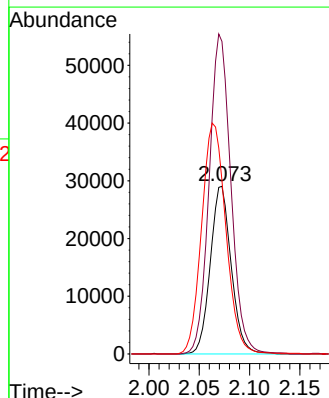
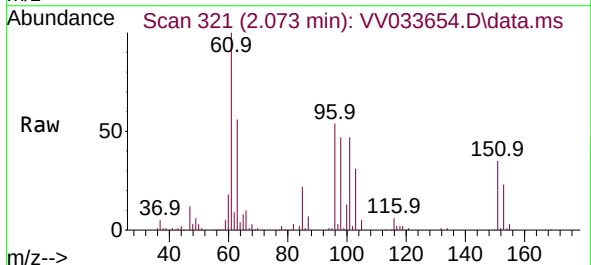
Tgt Ion: 96 Resp: 42079

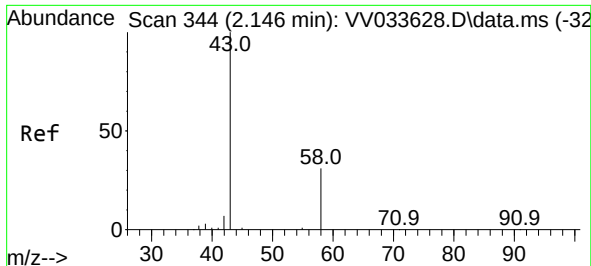
Ion Ratio Lower Upper

96 100

61 186.2 133.8 248.4

63 103.4 77.2 143.4





#13

Acetone

Concen: 42.145 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

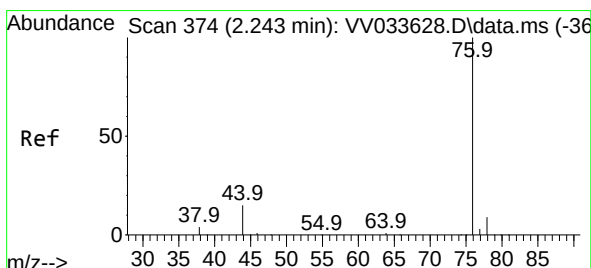
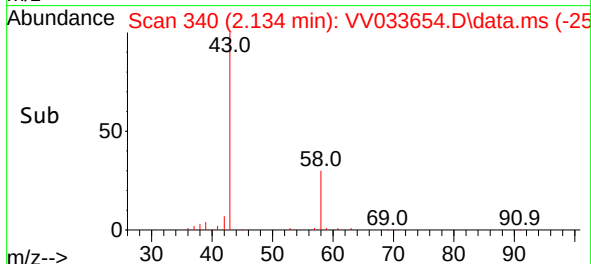
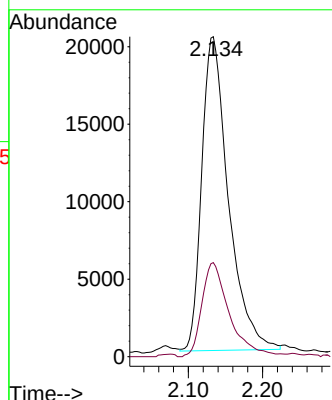
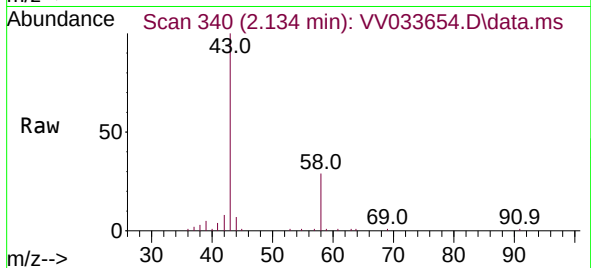
ClientSampleId :

Tgt Ion: 43 Resp: 50649

Ion Ratio Lower Upper

43 100

58 30.9 0.0 51.0



#14

Carbon disulfide

Concen: 5.368 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033654.D

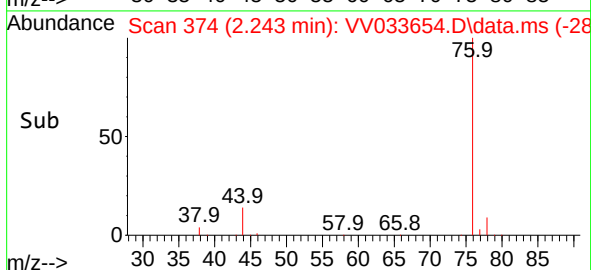
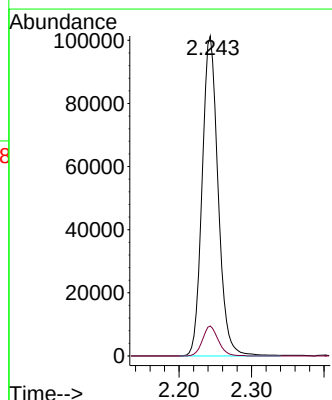
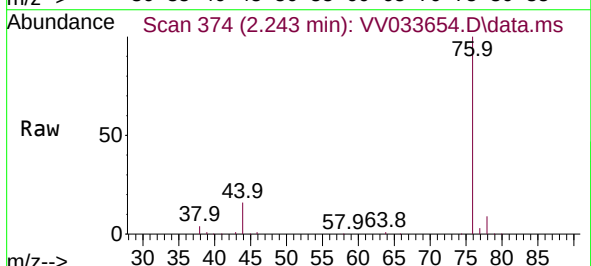
Acq: 15 Jan 2024 20:13

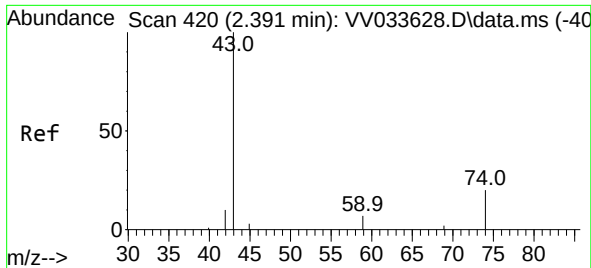
Tgt Ion: 76 Resp: 155015

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

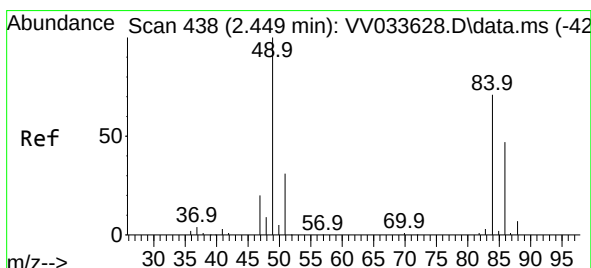
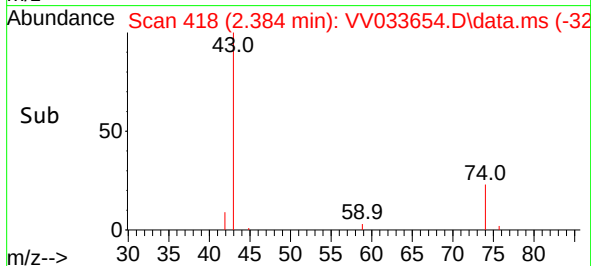
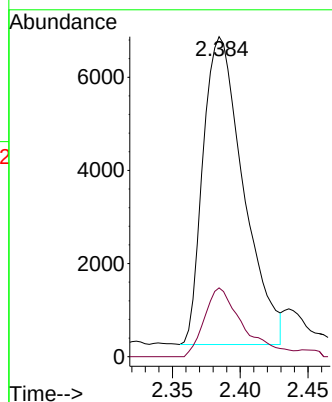
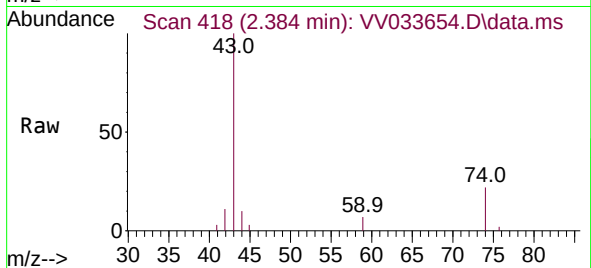




#15
Methyl Acetate
Concen: 4.765 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

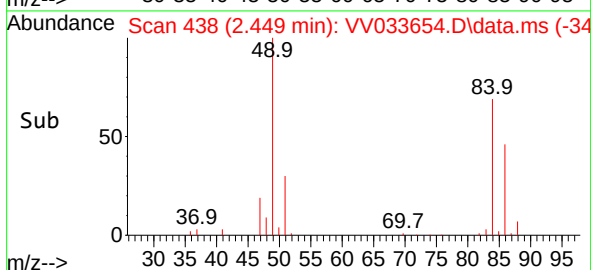
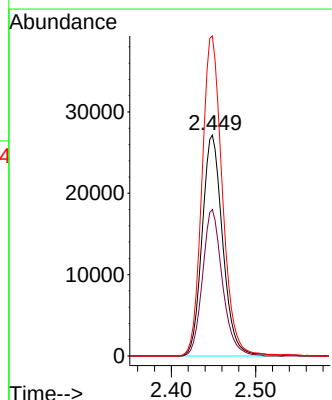
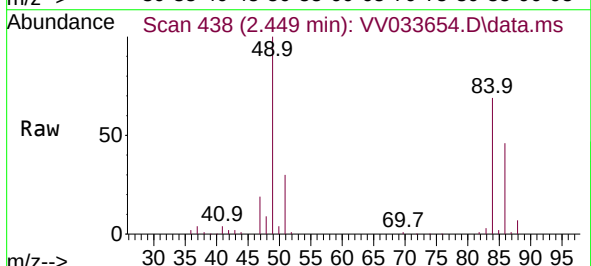
Instrument :
MSVOA_V
ClientSampleId :

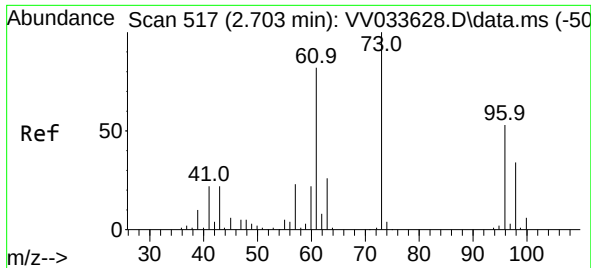
Tgt Ion: 43 Resp: 13687
Ion Ratio Lower Upper
43 100
74 21.6 16.6 24.8



#16
Methylene chloride
Concen: 5.010 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

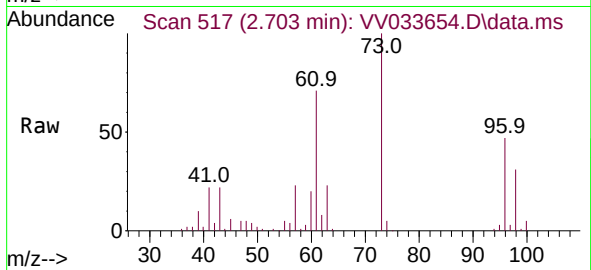
Tgt Ion: 84 Resp: 46144
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 144.8 100.3 186.3



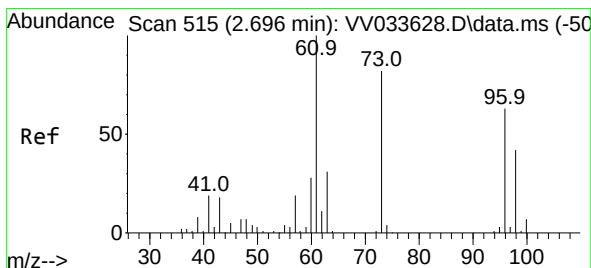
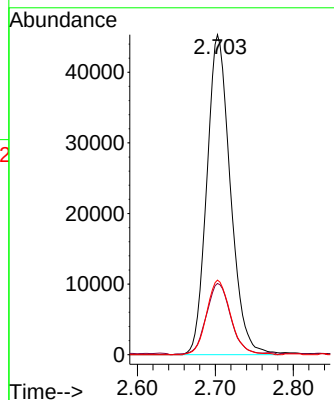
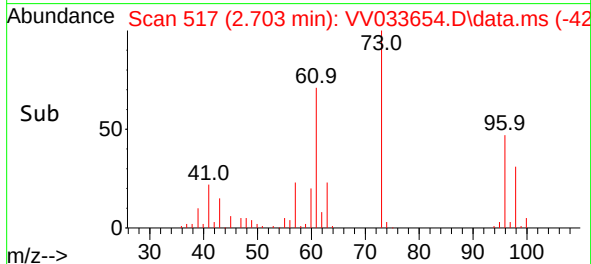


#17
Methyl tert-butyl Ether
Concen: 5.387 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Instrument :
MSVOA_V
ClientSampleId :

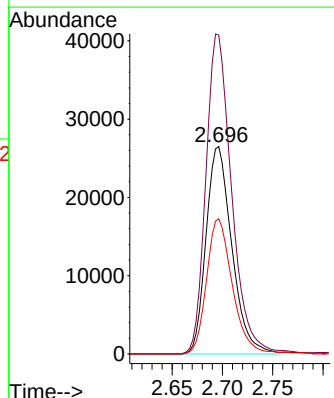
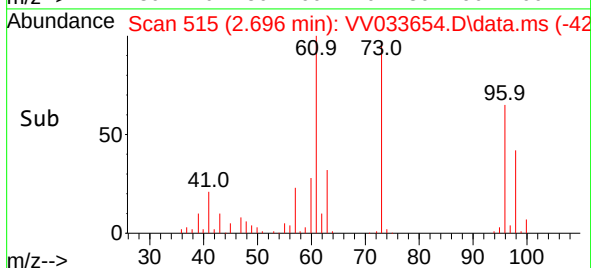
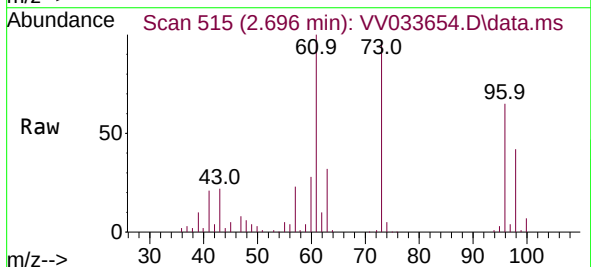


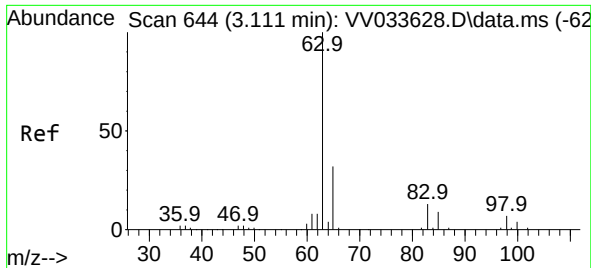
Tgt Ion: 73	Resp: 95208
Ion Ratio	Lower Upper
73 100	
43 23.2	17.7 26.5
57 23.8	19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 5.373 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

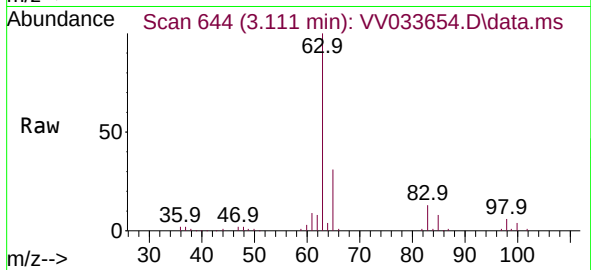
Tgt Ion: 96	Resp: 47377
Ion Ratio	Lower Upper
96 100	
61 153.9	110.4 205.0
98 65.2	44.1 81.9



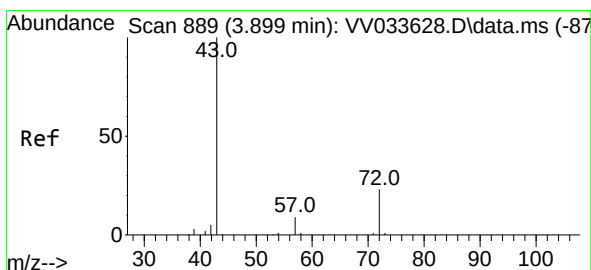
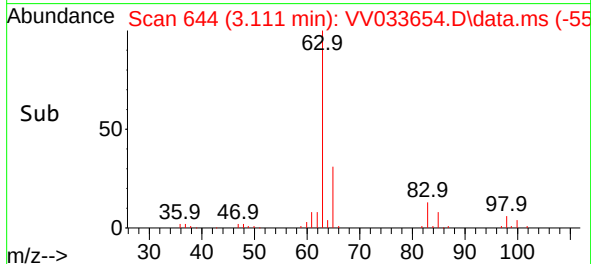
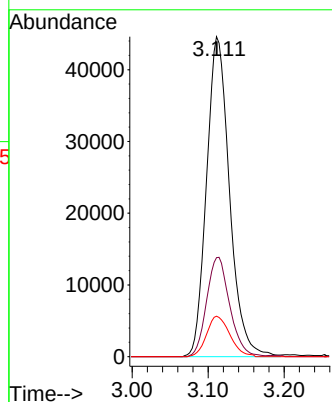


#19
1,1-Dichloroethane
Concen: 5.349 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Instrument :
MSVOA_V
ClientSampleId :

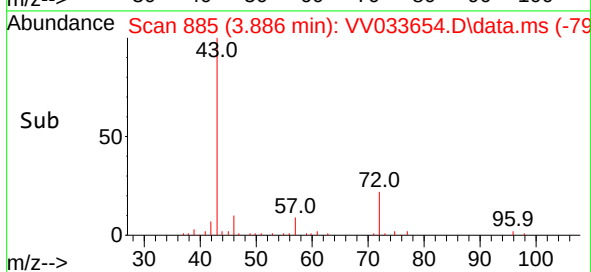
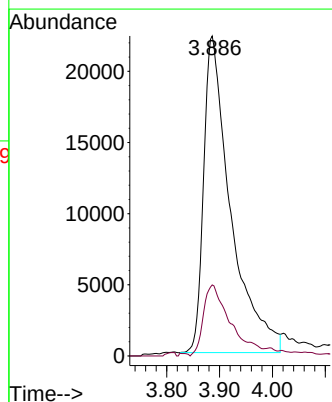
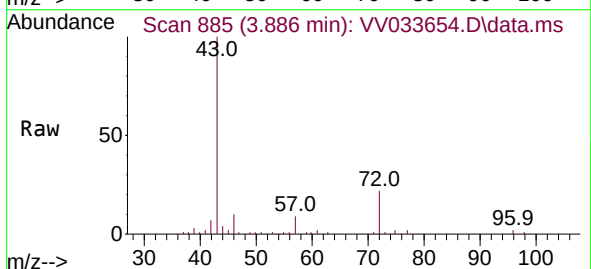


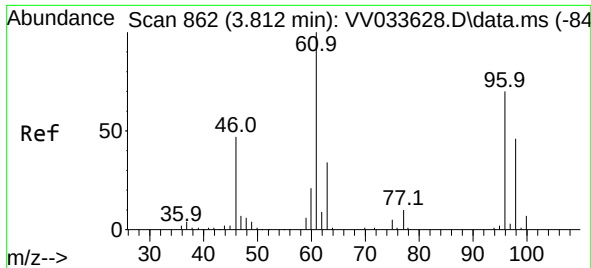
Tgt Ion:	63	Resp:	93714
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.6	40.2
83	12.6	9.1	16.9



#21
2-Butanone
Concen: 47.308 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.013 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

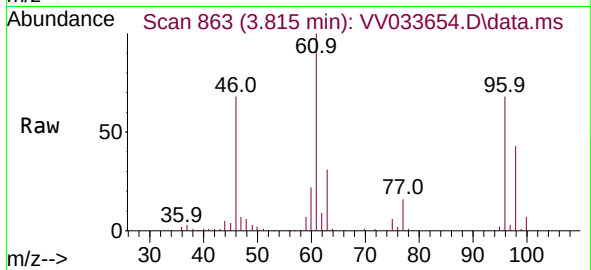
Tgt Ion:	43	Resp:	78918
Ion	Ratio	Lower	Upper
43	100		
72	22.4	10.5	31.6



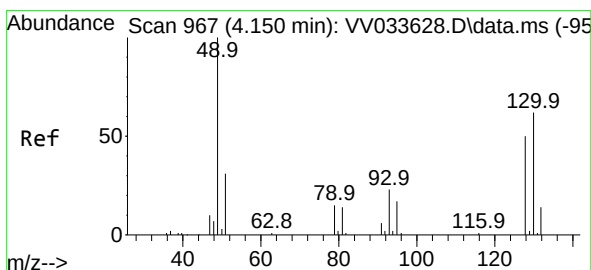
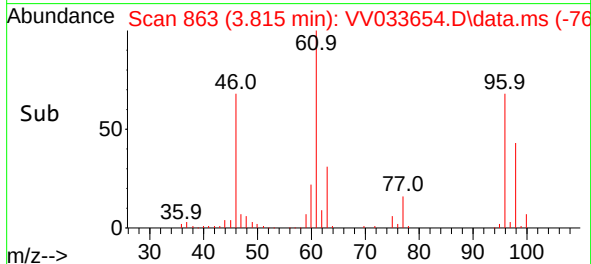
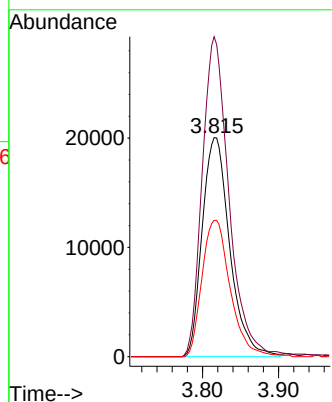


#22
 cis-1,2-Dichloroethene
 Concen: 5.460 ug/L
 RT: 3.815 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV033654.D
 Acq: 15 Jan 2024 20:13

Instrument :
 MSVOA_V
 ClientSampleId :

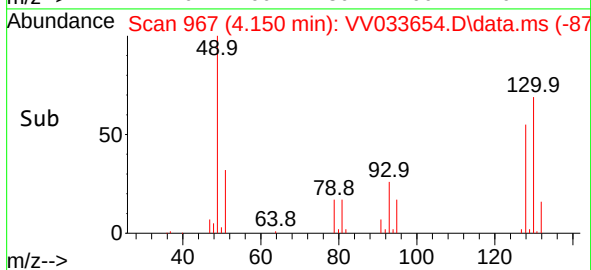
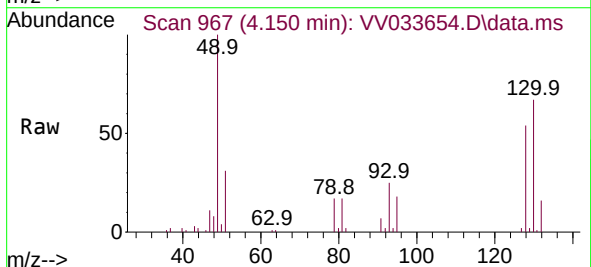
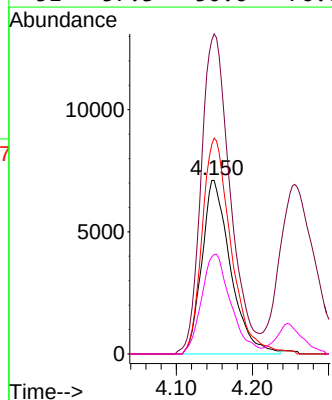


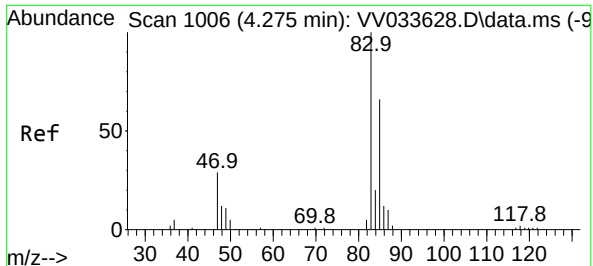
Tgt Ion: 96 Resp: 50408
 Ion Ratio Lower Upper
 96 100
 61 146.1 97.1 180.3
 98 62.2 42.6 79.0



#23
 Bromochloromethane
 Concen: 5.489 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV033654.D
 Acq: 15 Jan 2024 20:13

Tgt Ion: 128 Resp: 18482
 Ion Ratio Lower Upper
 128 100
 49 184.3 136.4 253.2
 130 124.3 87.5 162.5
 51 57.3 50.6 76.0





#25

Chloroform

Concen: 5.546 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

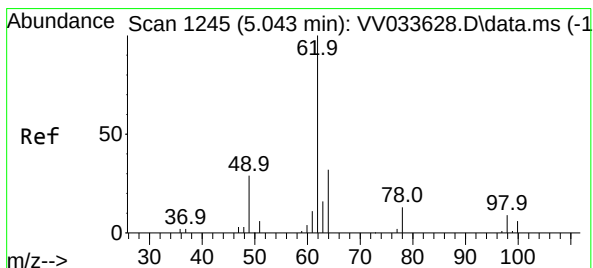
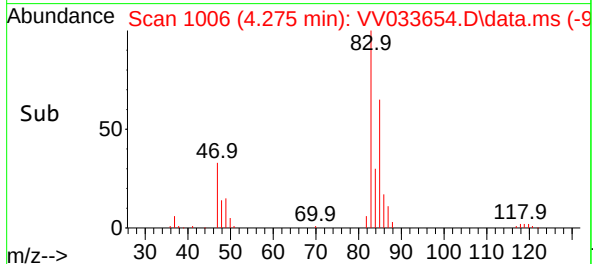
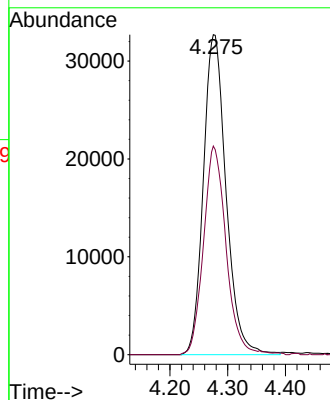
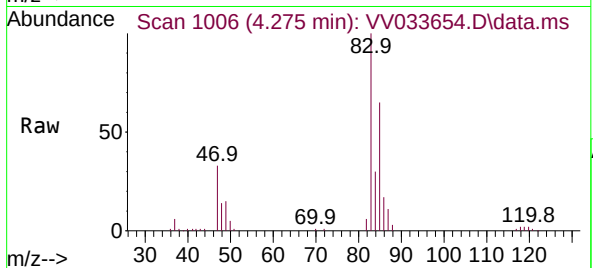
ClientSampleId :

Tgt Ion: 83 Resp: 89204

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 5.558 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV033654.D

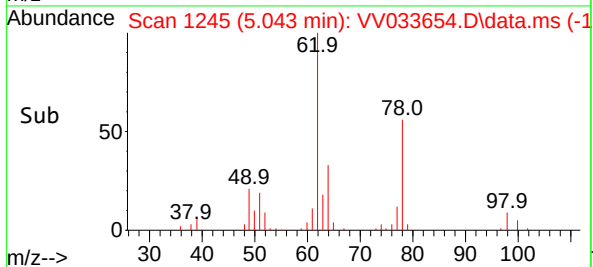
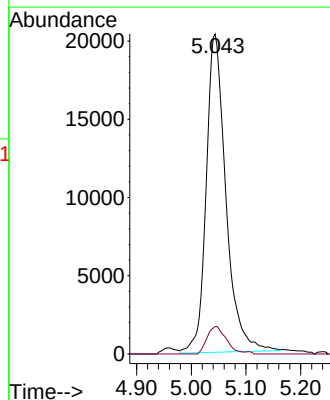
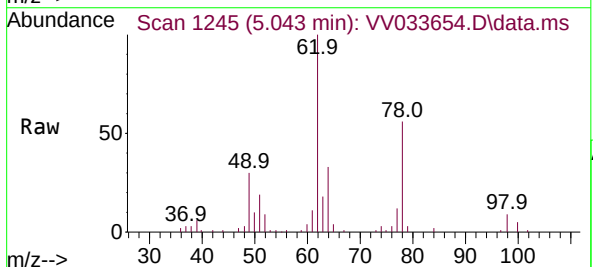
Acq: 15 Jan 2024 20:13

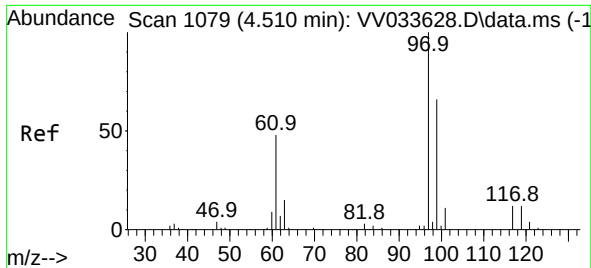
Tgt Ion: 62 Resp: 50943

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.578 ug/L

RT: 4.513 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

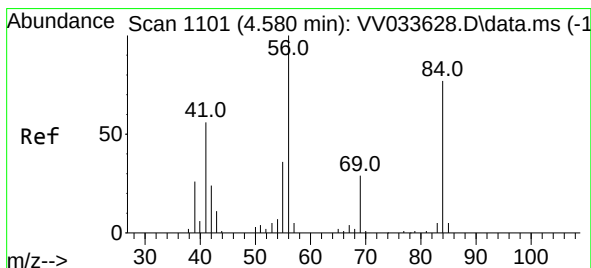
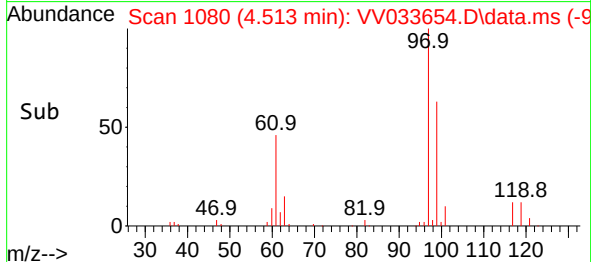
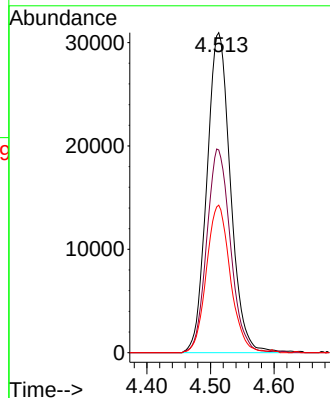
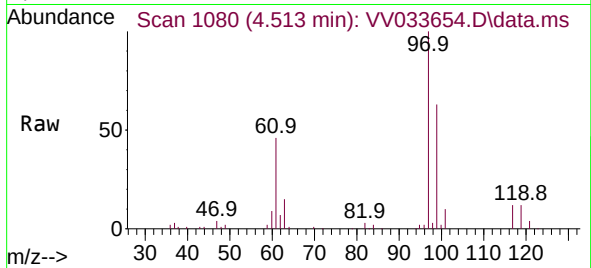
Tgt Ion: 97 Resp: 79646

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 46.9 38.1 57.1



#30

Cyclohexane

Concen: 5.189 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

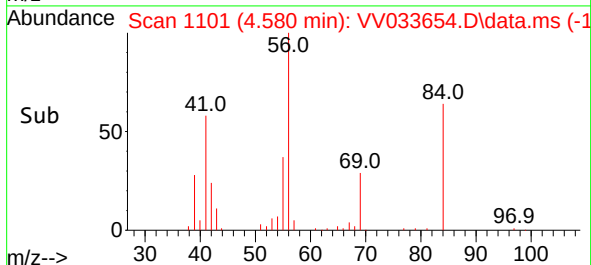
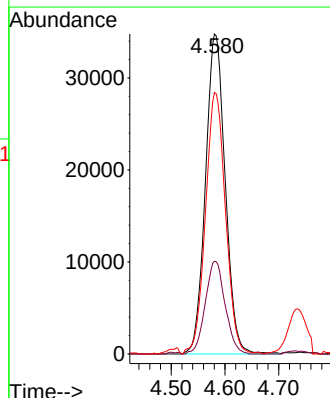
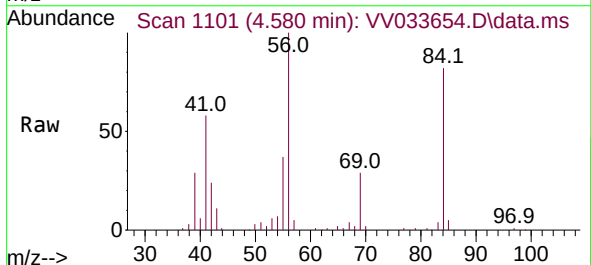
Tgt Ion: 56 Resp: 88810

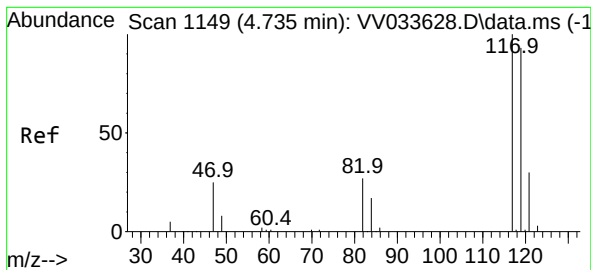
Ion Ratio Lower Upper

56 100

69 29.1 23.3 34.9

84 82.7 61.7 92.5





#31

Carbon tetrachloride

Concen: 5.726 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

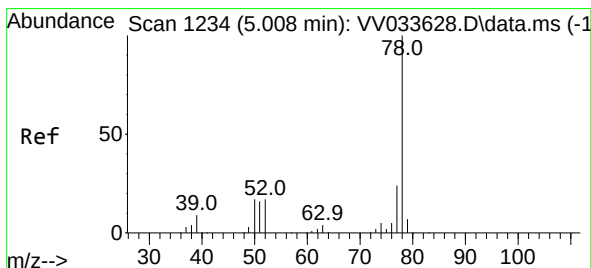
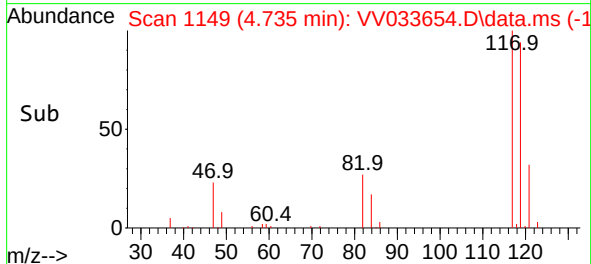
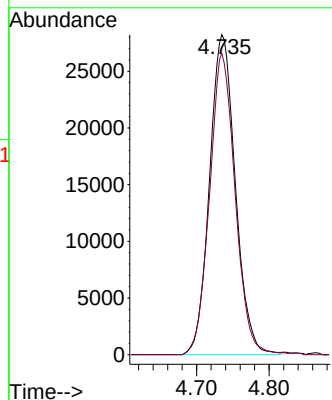
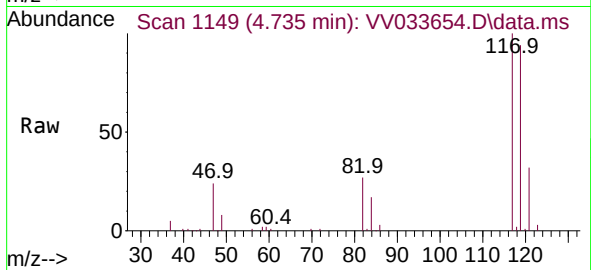
ClientSampleId :

Tgt Ion:117 Resp: 69703

Ion Ratio Lower Upper

117 100

119 93.3 78.3 117.5



#33

Benzene

Concen: 5.466 ug/L

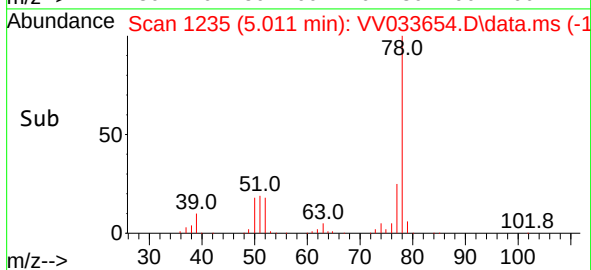
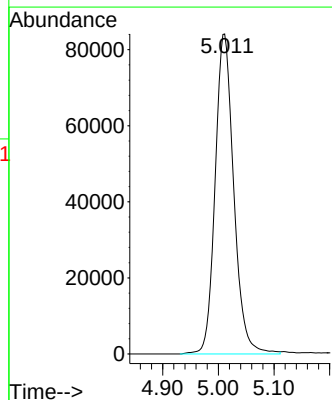
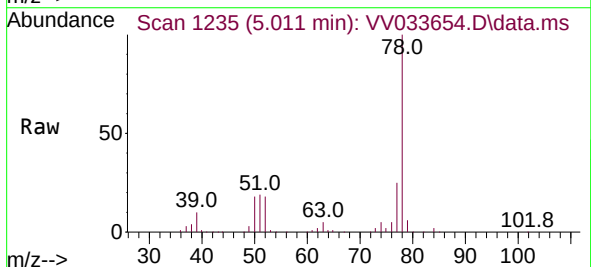
RT: 5.011 min Scan# 1235

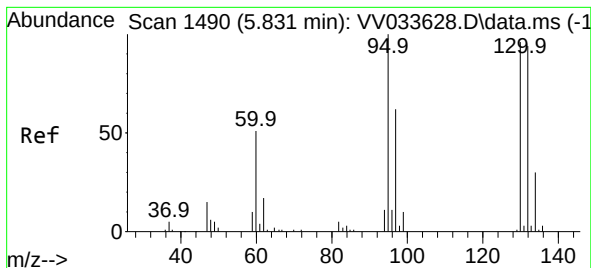
Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Tgt Ion: 78 Resp: 195426





#34

Trichloroethene

Concen: 5.330 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 50729

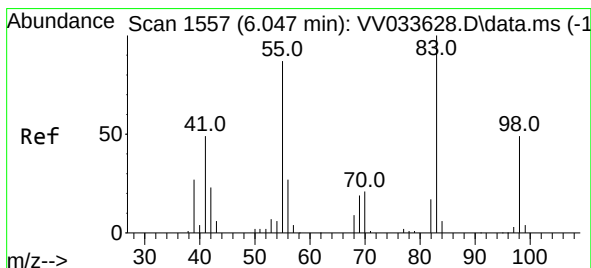
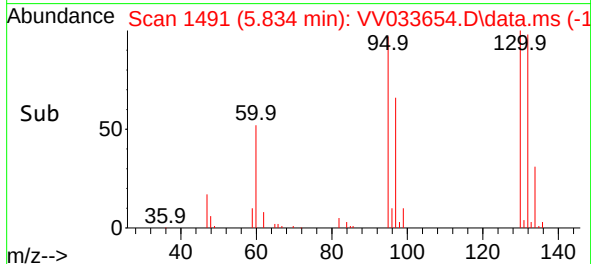
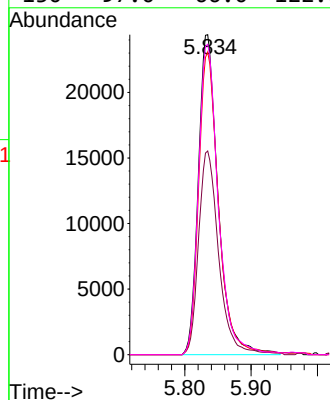
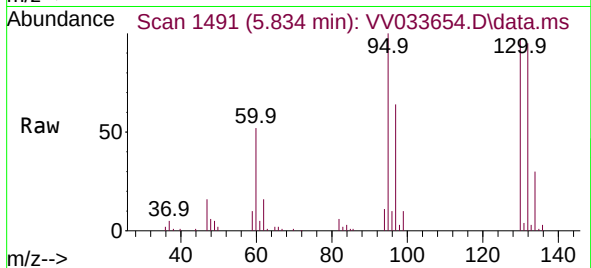
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 94.6 65.2 121.2

130 97.0 66.0 122.6



#35

Methylcyclohexane

Concen: 5.211 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

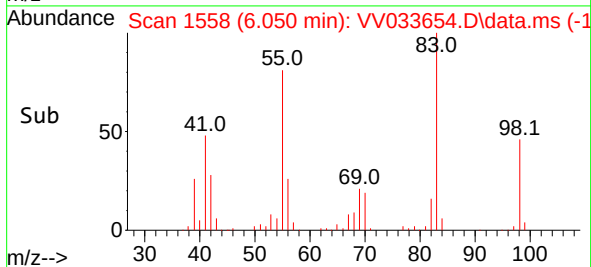
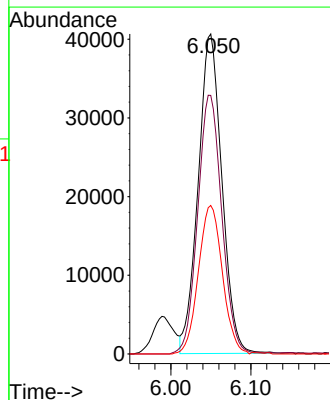
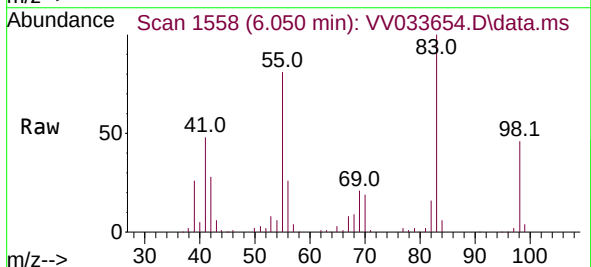
Tgt Ion: 83 Resp: 83946

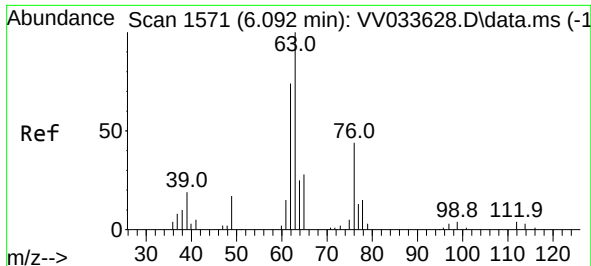
Ion Ratio Lower Upper

83 100

55 82.3 68.7 103.1

98 47.0 38.3 57.5

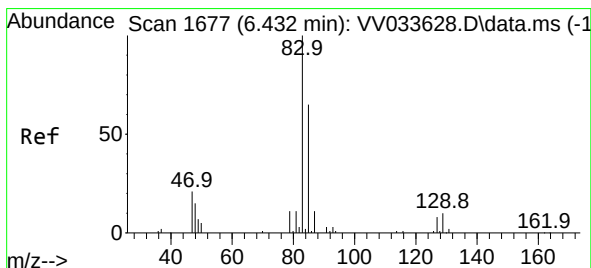
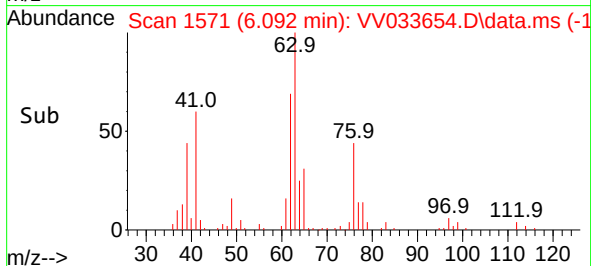
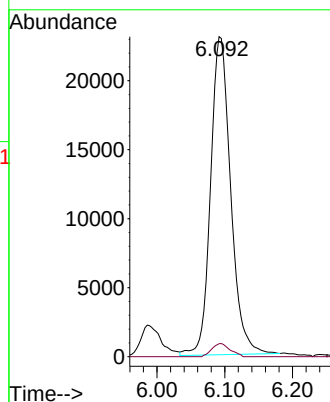
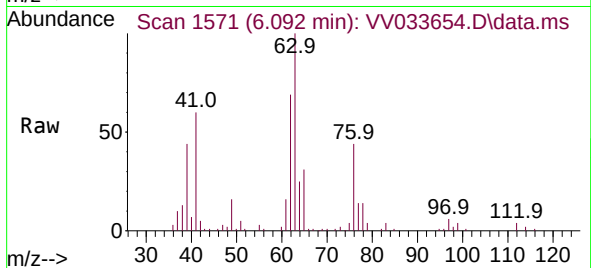




#37
1,2-Dichloropropane
Concen: 5.352 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

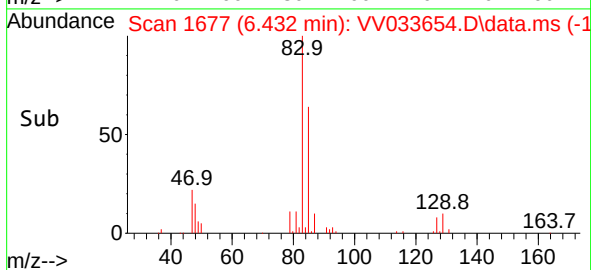
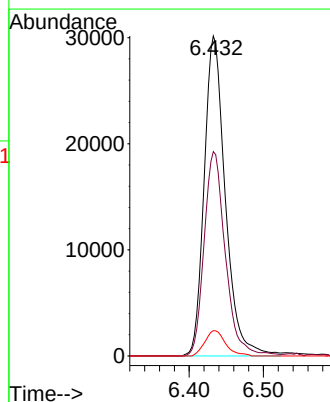
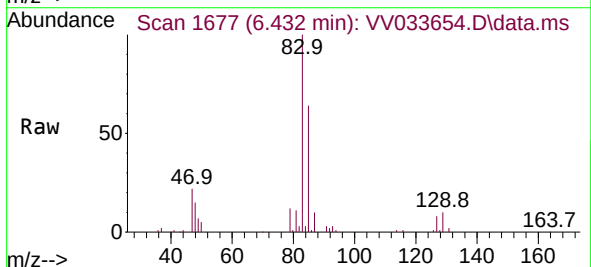
Instrument :
MSVOA_V
ClientSampleId :

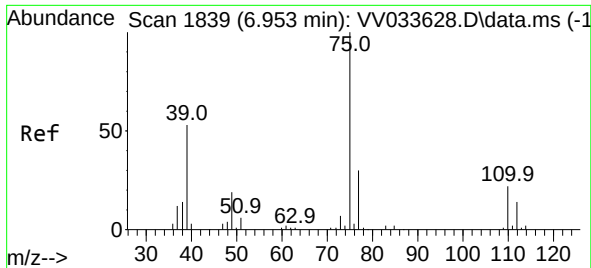
Tgt Ion: 63 Resp: 47526
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.2



#38
Bromodichloromethane
Concen: 5.513 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion: 83 Resp: 59663
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9
127 7.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.361 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

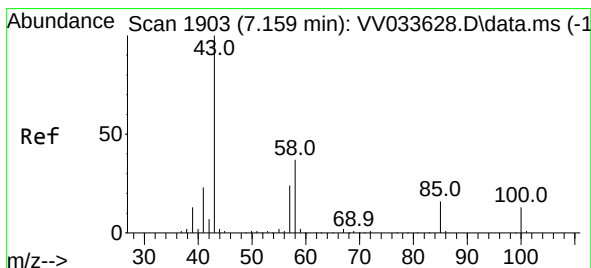
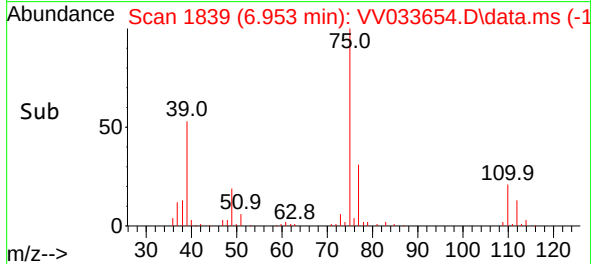
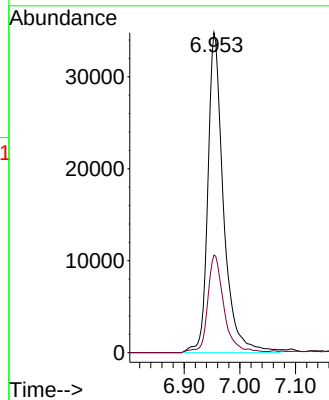
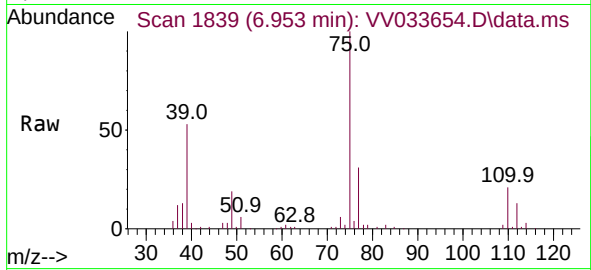
ClientSampleId :

Tgt Ion: 75 Resp: 67975

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 53.270 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

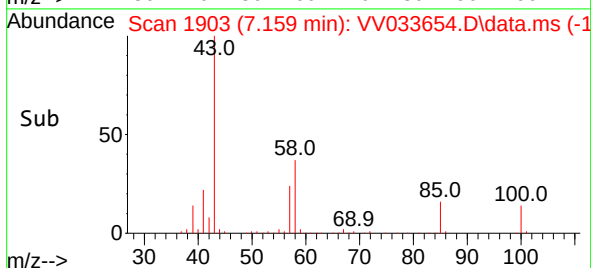
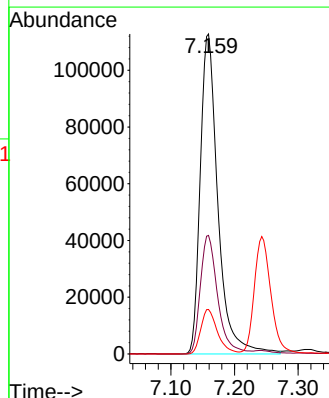
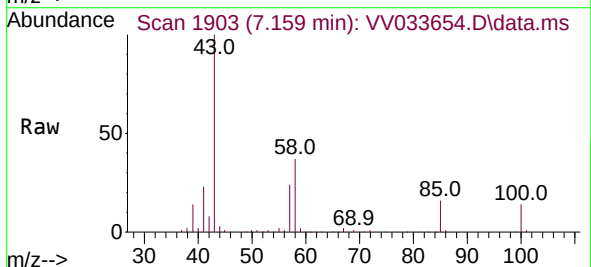
Tgt Ion: 43 Resp: 217434

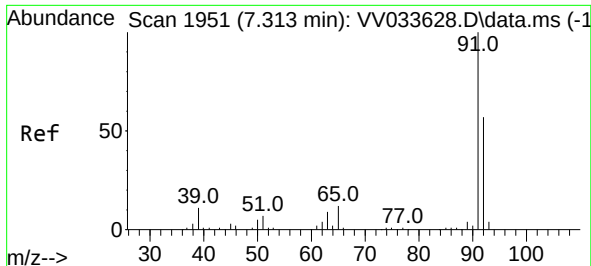
Ion Ratio Lower Upper

43 100

58 36.5 29.9 44.9

100 13.2 9.9 14.9





#42

Toluene

Concen: 5.457 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

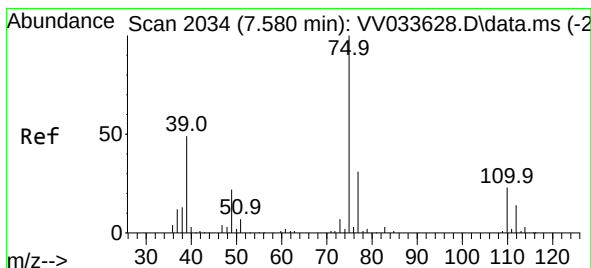
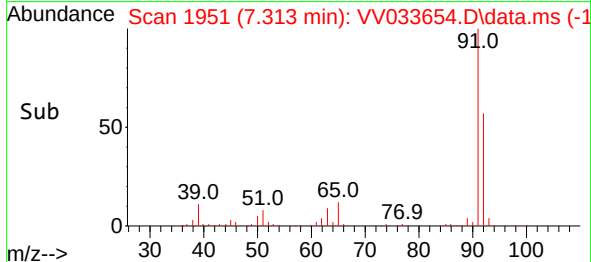
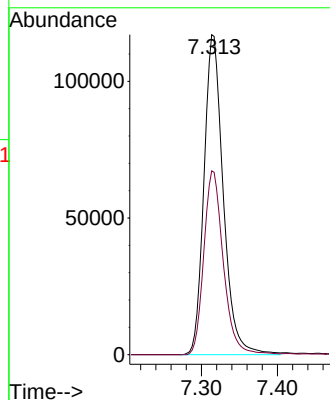
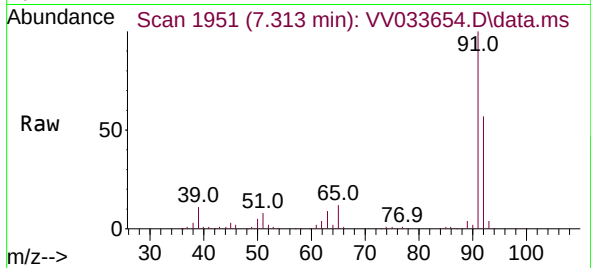
ClientSampleId :

Tgt Ion: 91 Resp: 206341

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.199 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV033654.D

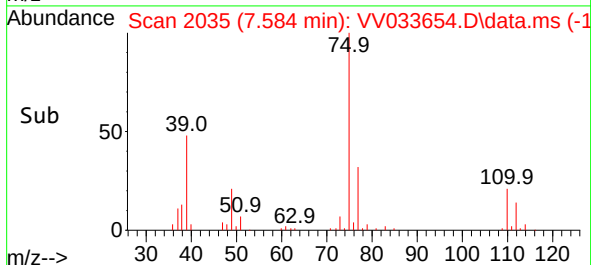
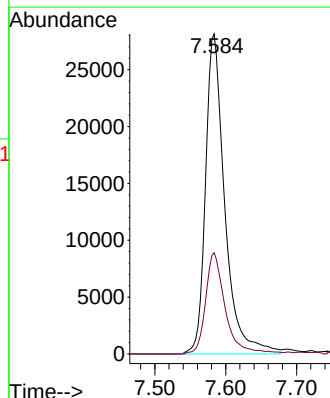
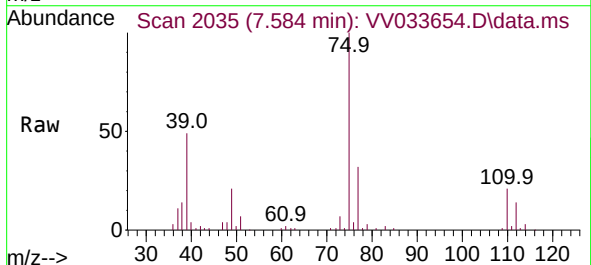
Acq: 15 Jan 2024 20:13

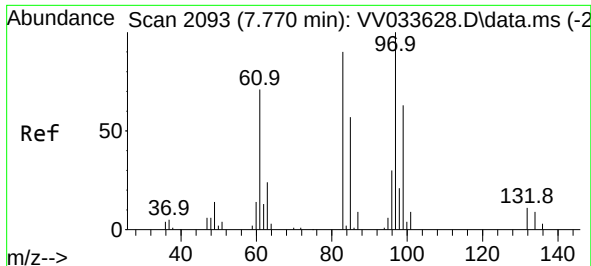
Tgt Ion: 75 Resp: 53131

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.280 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 26045

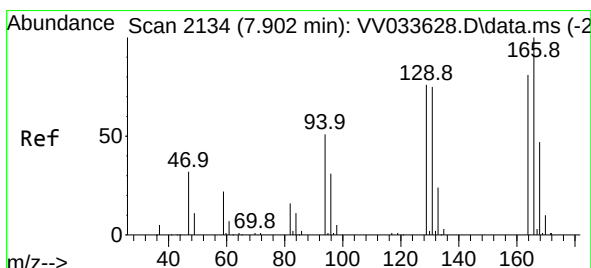
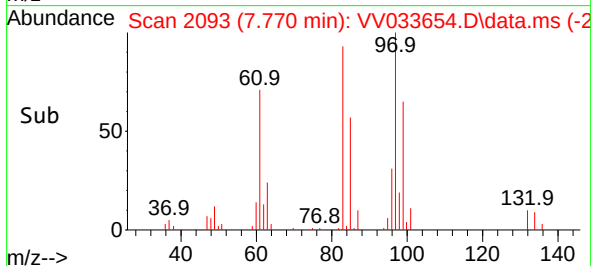
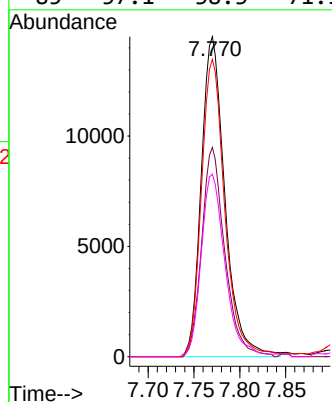
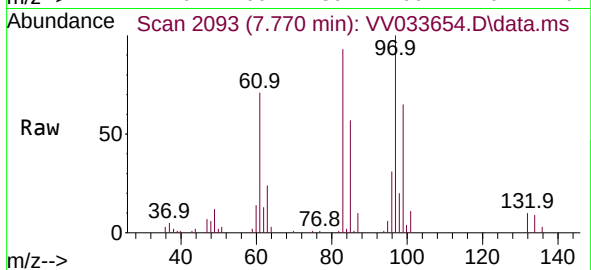
Ion Ratio Lower Upper

97 100

99 65.4 44.9 83.3

83 93.0 60.5 112.3

85 57.1 38.3 71.1



#47

Tetrachloroethene

Concen: 5.590 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Tgt Ion:164 Resp: 38223

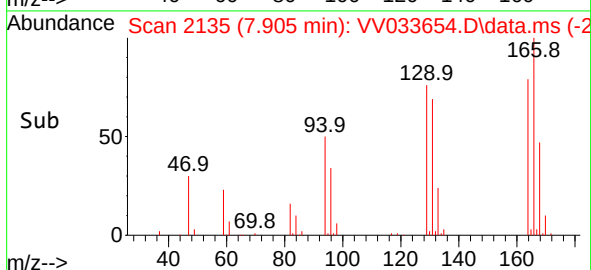
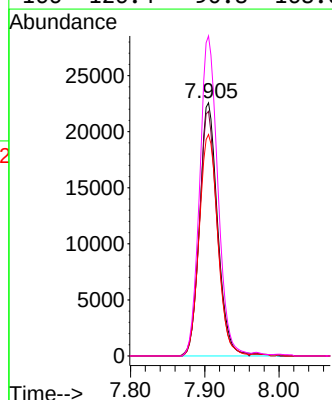
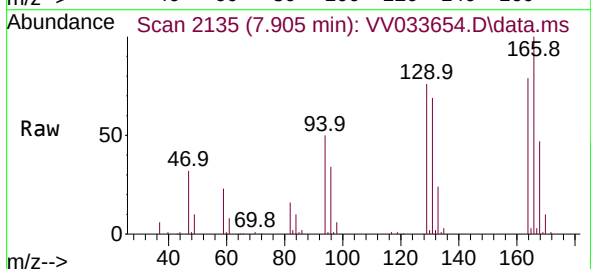
Ion Ratio Lower Upper

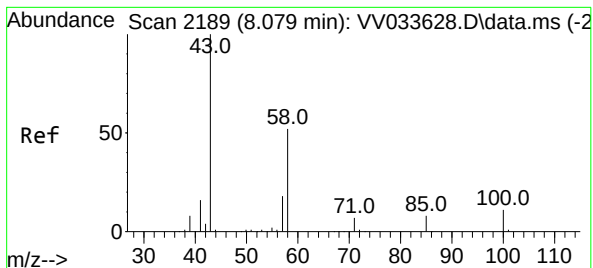
164 100

129 96.6 67.1 124.7

131 87.5 65.0 120.6

166 126.4 90.8 168.6





#48

2-Hexanone

Concen: 50.939 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

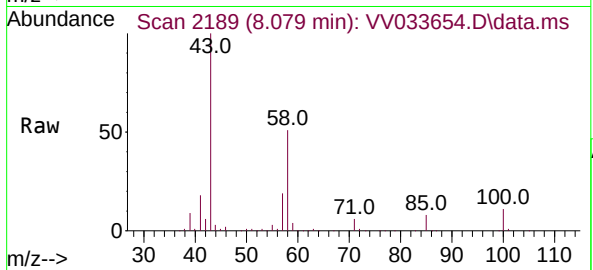
Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 152319

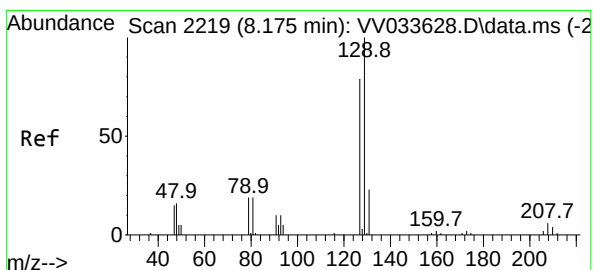
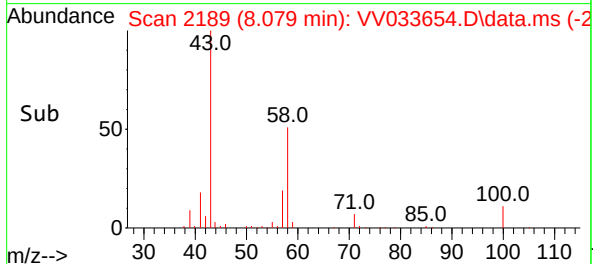
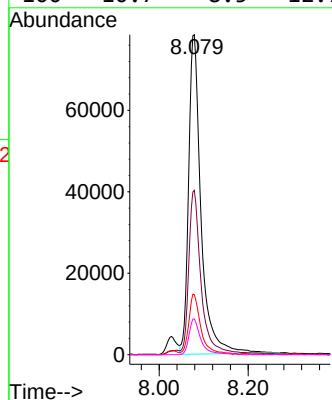
Ion Ratio Lower Upper

43 100

58 49.6 40.6 61.0

57 18.6 13.8 20.8

100 10.7 8.5 12.7



#49

Dibromochloromethane

Concen: 5.601 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV033654.D

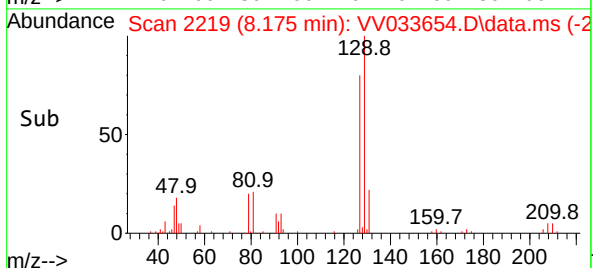
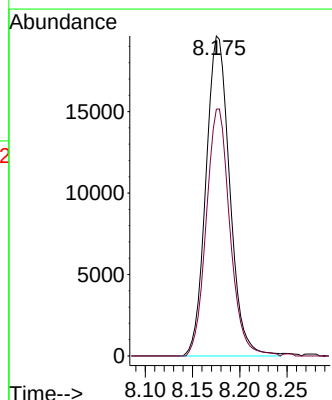
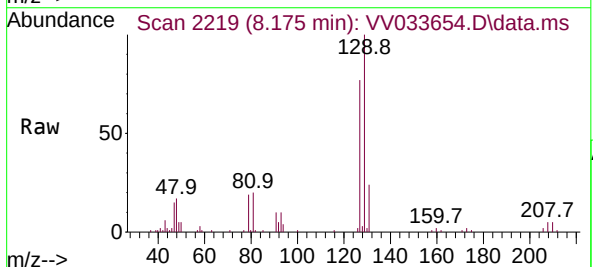
Acq: 15 Jan 2024 20:13

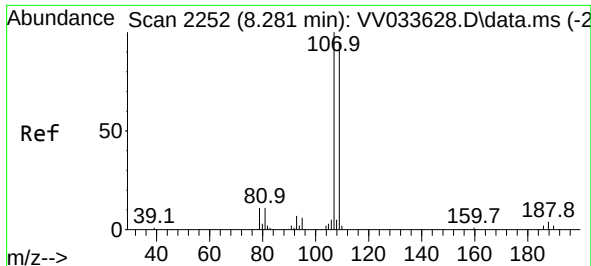
Tgt Ion: 129 Resp: 34405

Ion Ratio Lower Upper

129 100

127 77.1 53.6 99.6





#50

1,2-Dibromoethane

Concen: 5.461 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

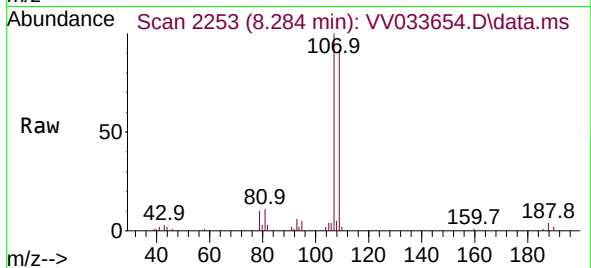
Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

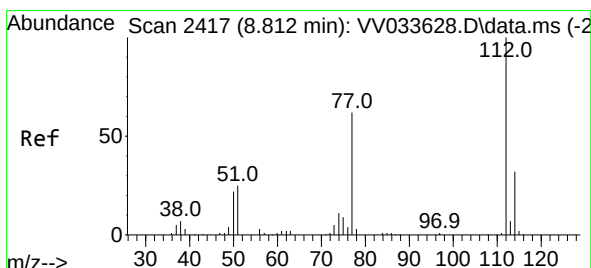
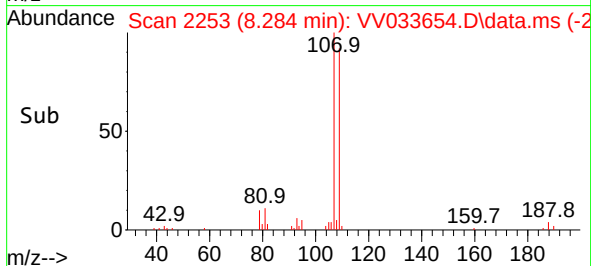
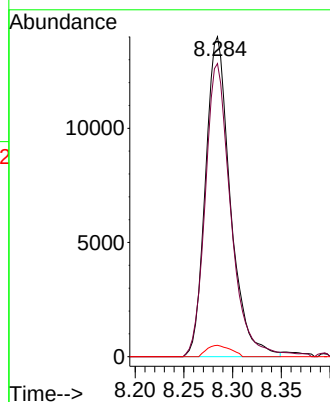
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	24864
Ion	Ratio	Lower	Upper
107	100		
109	91.6	64.0	118.8
188	3.5	3.0	4.6



#51

Chlorobenzene

Concen: 5.468 ug/L

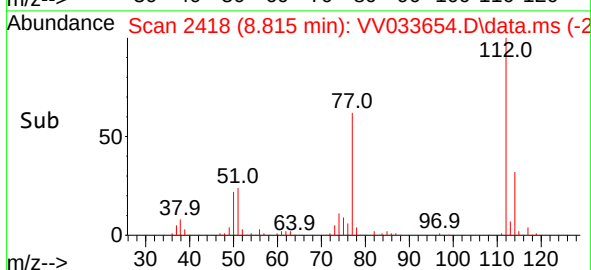
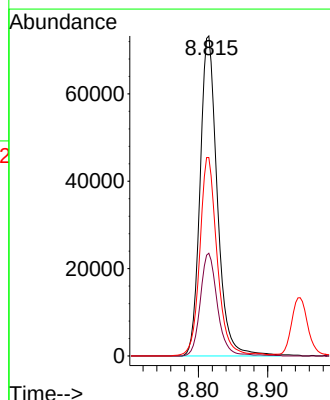
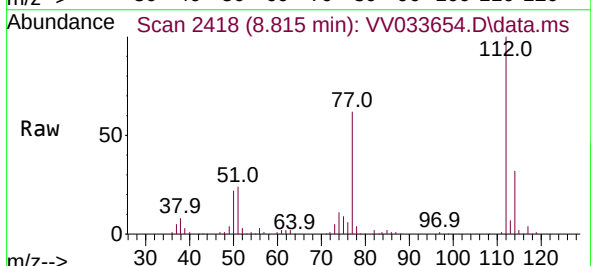
RT: 8.815 min Scan# 2418

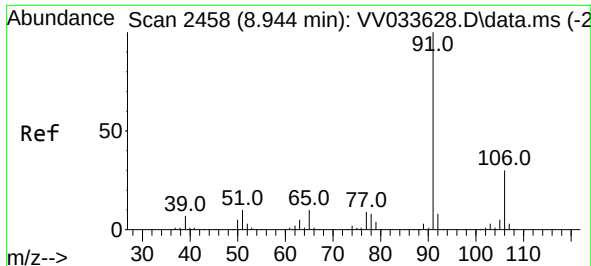
Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Tgt Ion:	112	Resp:	126657
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	62.0	50.8	76.2

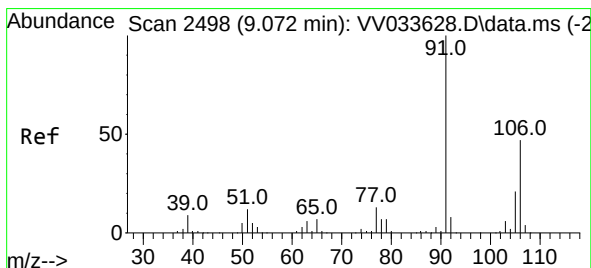
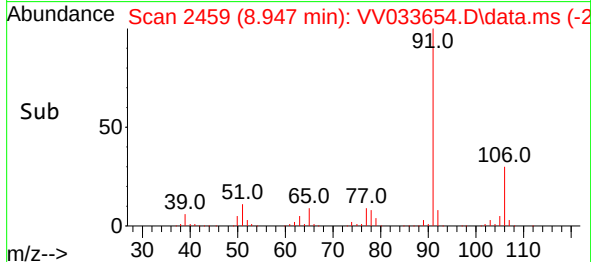
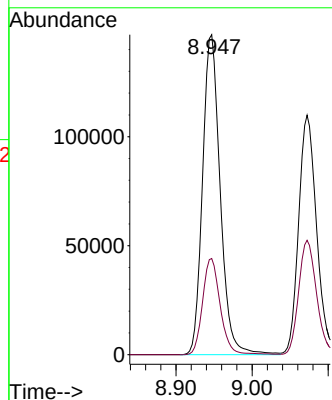
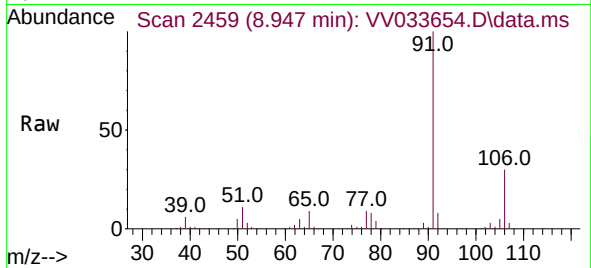




#52
Ethylbenzene
Concen: 5.411 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

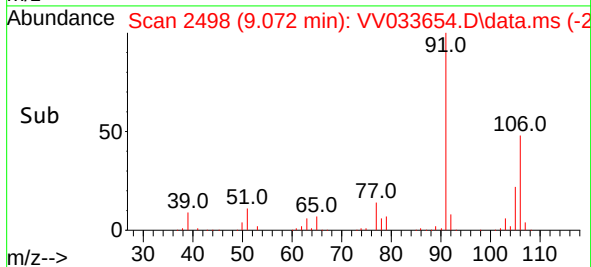
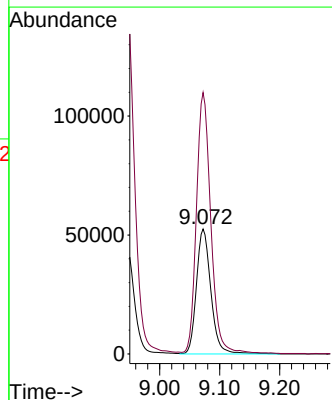
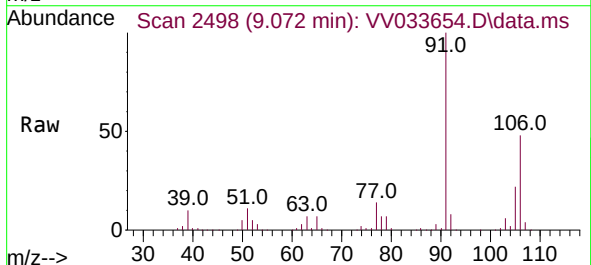
Instrument :
MSVOA_V
ClientSampleId :

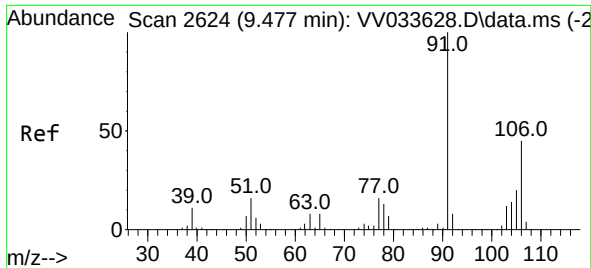
Tgt Ion: 91 Resp: 237199
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 5.457 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion:106 Resp: 88131
Ion Ratio Lower Upper
106 100
91 209.2 146.2 271.4

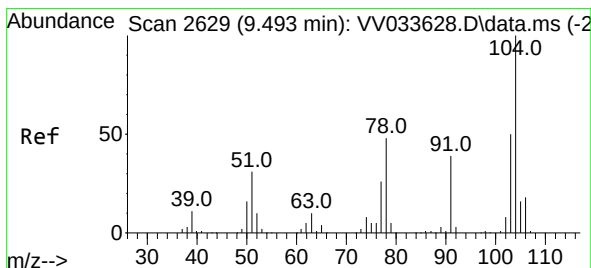
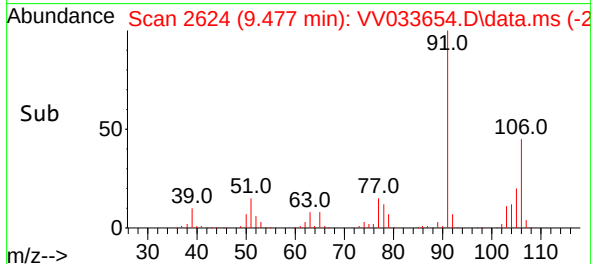
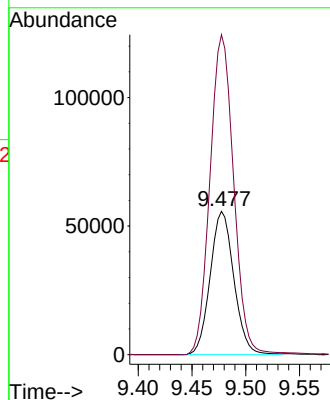
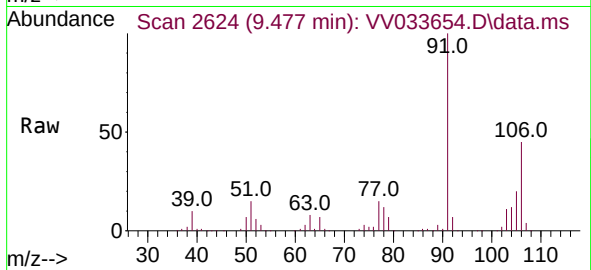




#54
o-Xylene
Concen: 5.432 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

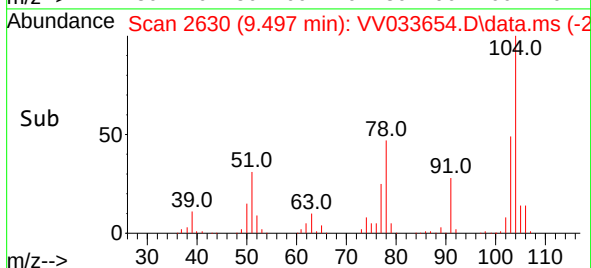
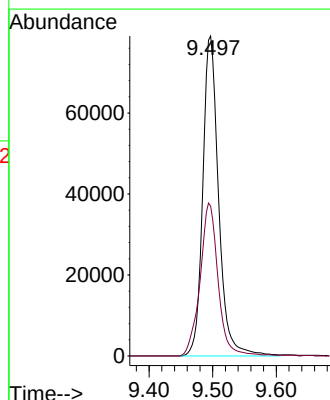
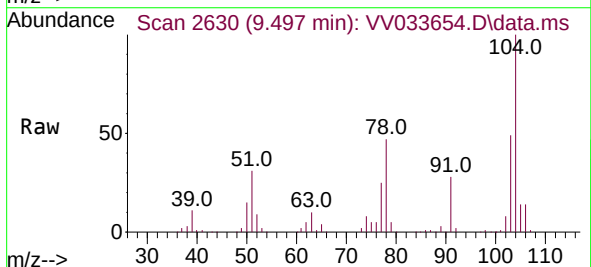
Instrument :
MSVOA_V
ClientSampleId :

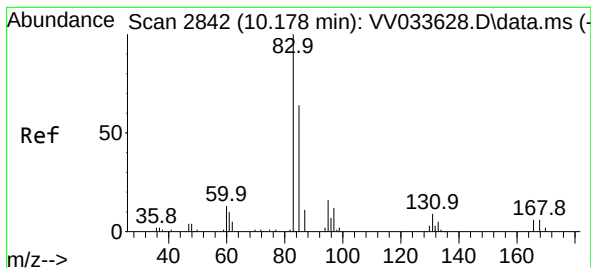
Tgt Ion:106 Resp: 85361
Ion Ratio Lower Upper
106 100
91 223.1 156.0 289.6



#55
Styrene
Concen: 5.462 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion:104 Resp: 136794
Ion Ratio Lower Upper
104 100
78 46.9 33.1 61.5

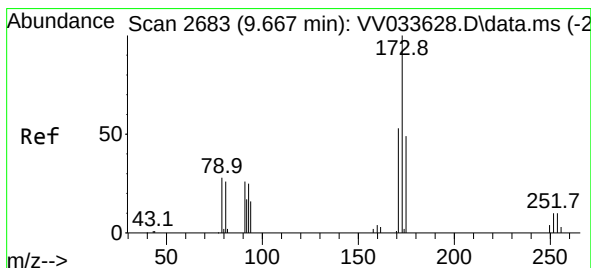
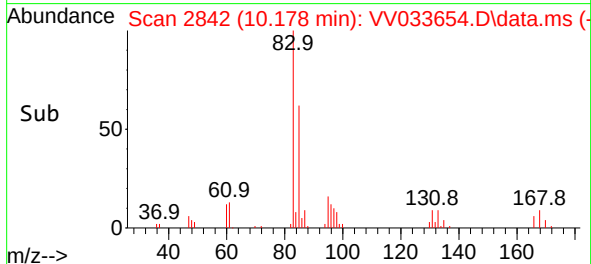
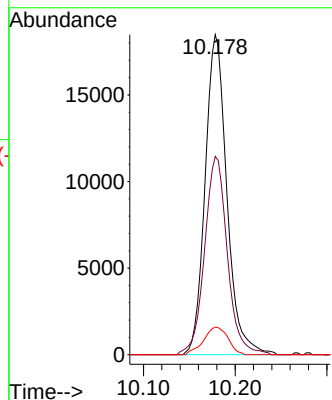
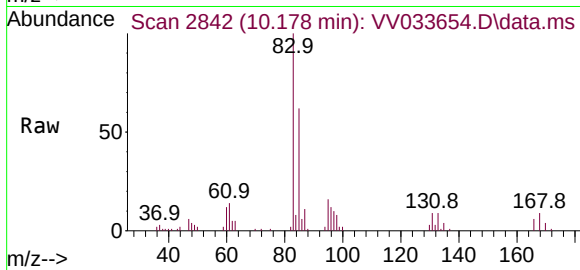




#57
1,1,2,2-Tetrachloroethane
Concen: 5.628 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

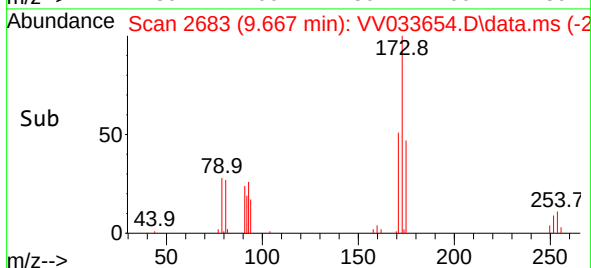
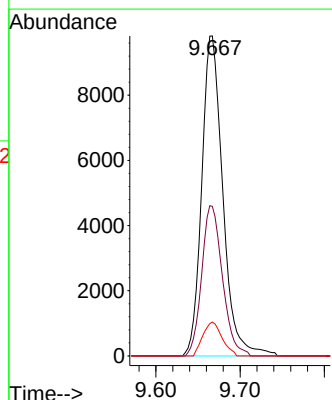
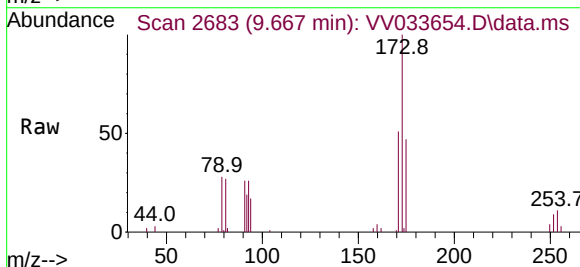
Instrument :
MSVOA_V
ClientSampleId :

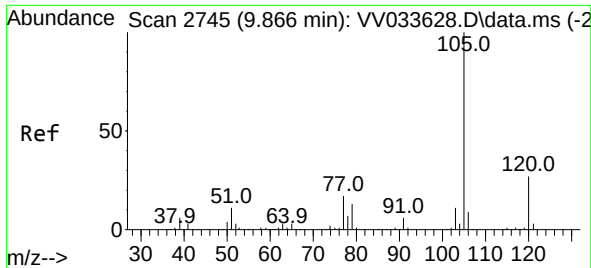
Tgt Ion: 83 Resp: 30472
Ion Ratio Lower Upper
83 100
85 62.0 43.5 80.7
131 8.6 7.4 11.0



#59
Bromoform
Concen: 5.598 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion: 173 Resp: 17107
Ion Ratio Lower Upper
173 100
175 46.1 38.8 58.2
254 9.6 7.5 11.3

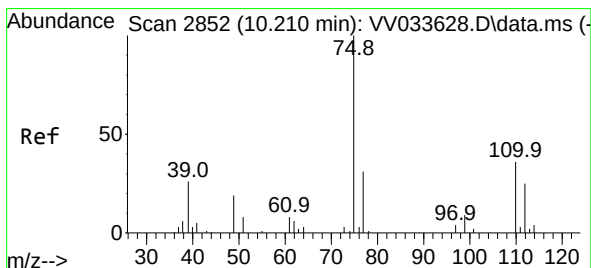
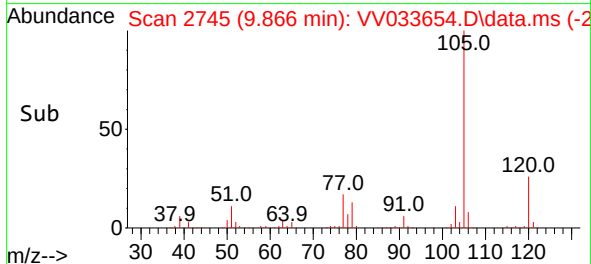
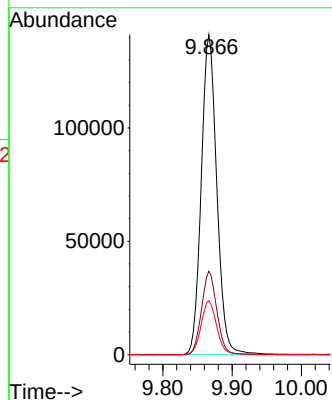
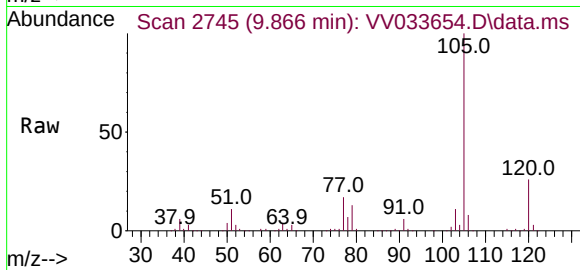




#60
Isopropylbenzene
Concen: 5.492 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

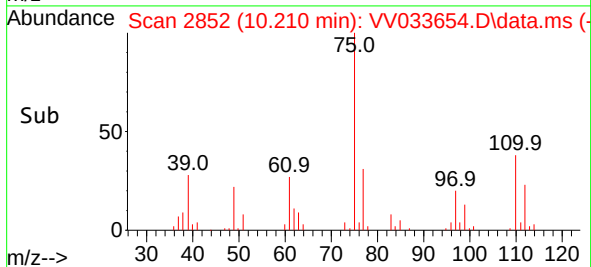
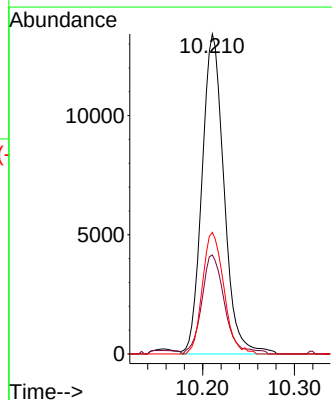
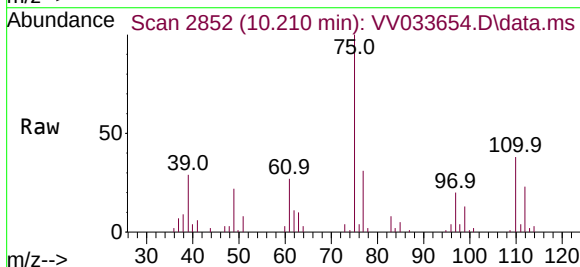
Instrument :
MSVOA_V
ClientSampleId :

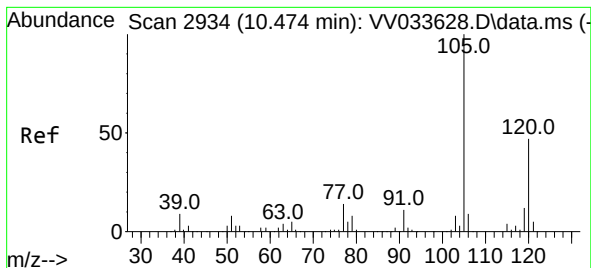
Tgt Ion:105 Resp: 219963
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 17.1 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.511 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion: 75 Resp: 22368
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
110 37.0 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.514 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

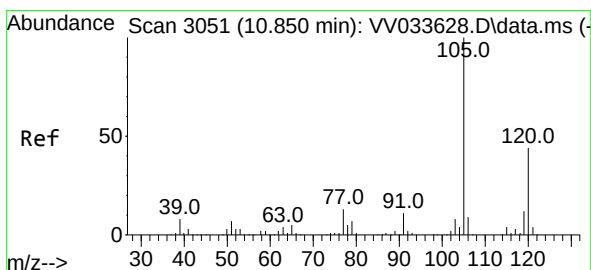
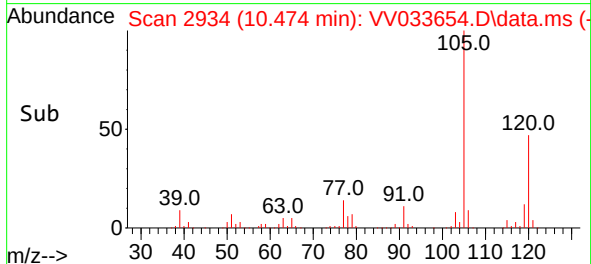
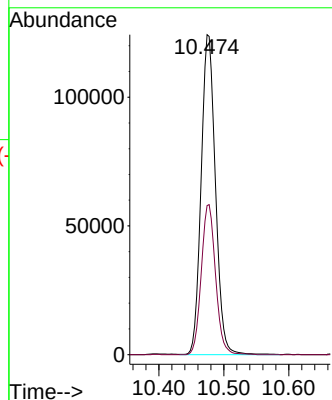
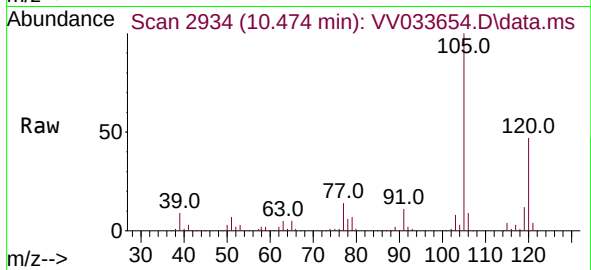
ClientSampleId :

Tgt Ion:105 Resp: 190831

Ion Ratio Lower Upper

105 100

120 46.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.550 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033654.D

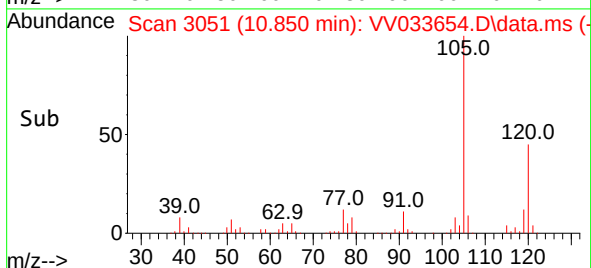
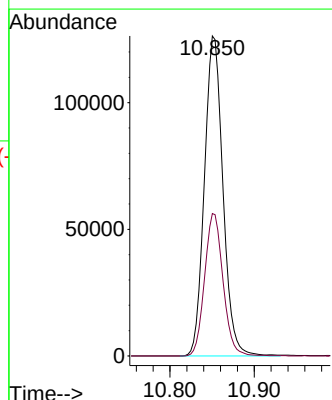
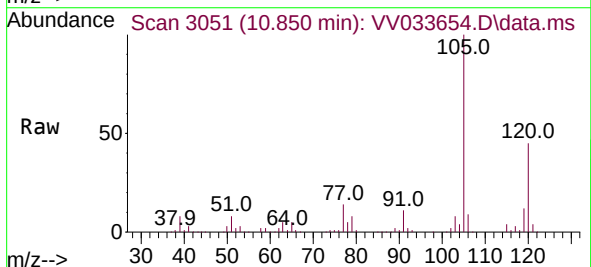
Acq: 15 Jan 2024 20:13

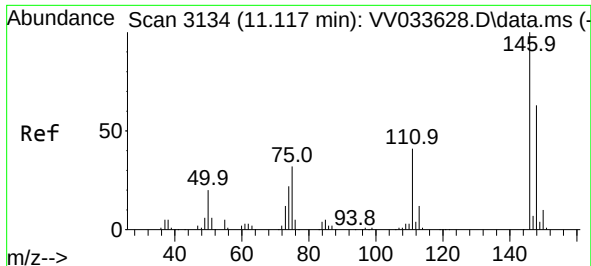
Tgt Ion:105 Resp: 193912

Ion Ratio Lower Upper

105 100

120 44.3 35.5 53.3

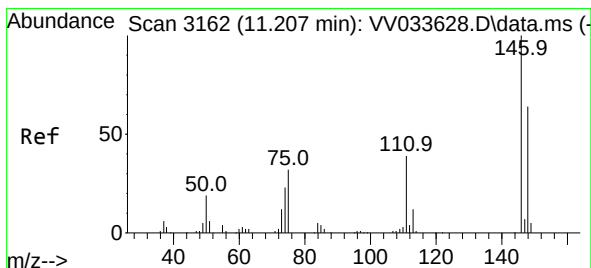
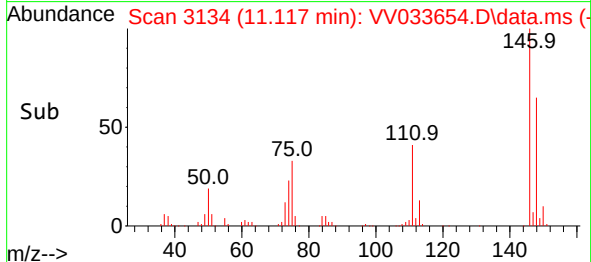
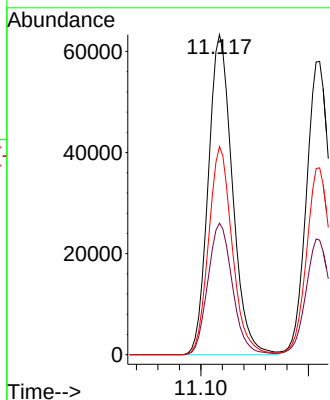
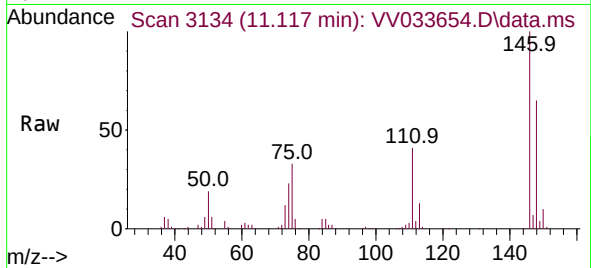




#64
1,3-Dichlorobenzene
Concen: 5.577 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

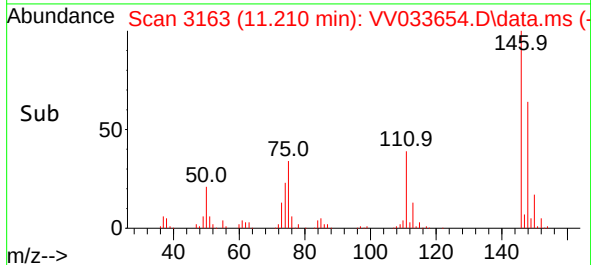
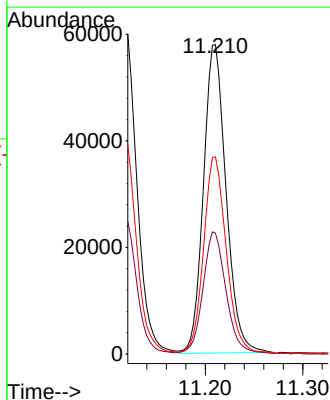
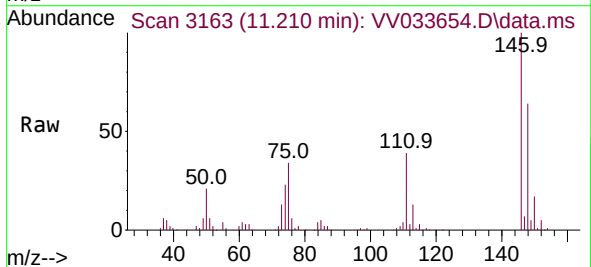
Instrument :
MSVOA_V
ClientSampleId :

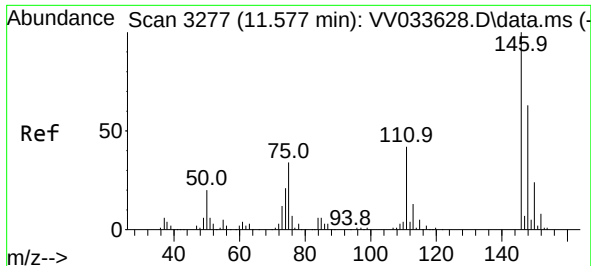
Tgt Ion:146 Resp: 98808
Ion Ratio Lower Upper
146 100
111 41.1 29.2 54.2
148 65.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.384 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033654.D
Acq: 15 Jan 2024 20:13

Tgt Ion:146 Resp: 93398
Ion Ratio Lower Upper
146 100
111 39.1 27.5 51.1
148 63.7 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.545 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

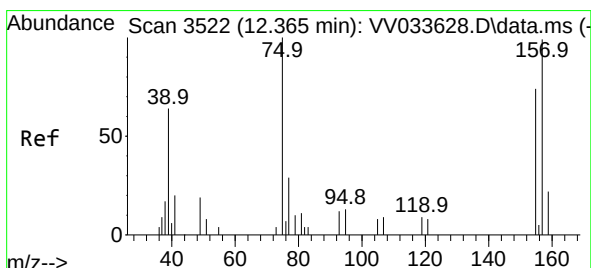
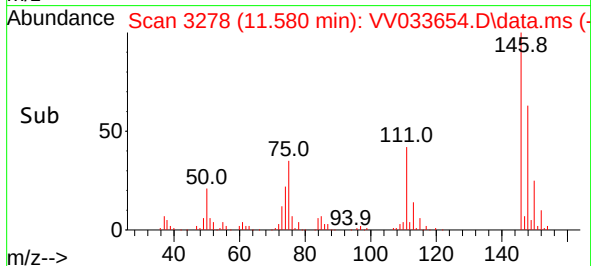
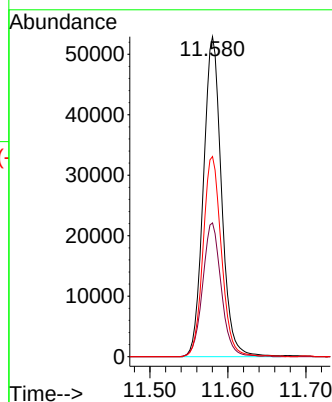
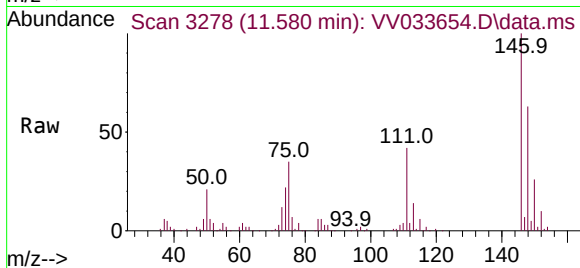
Tgt Ion:146 Resp: 85368

Ion Ratio Lower Upper

146 100

111 41.8 36.1 54.1

148 62.5 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.571 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

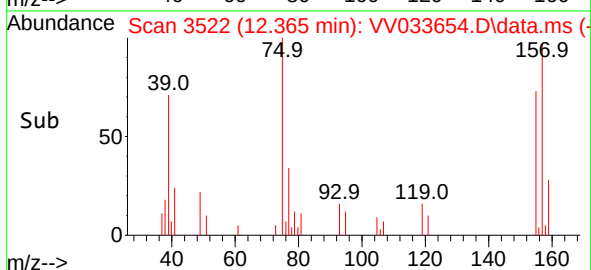
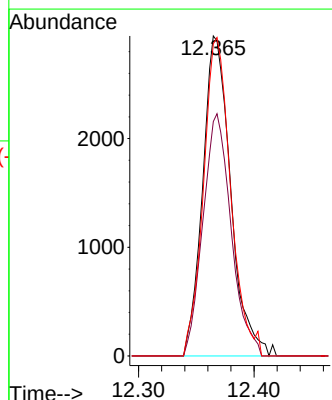
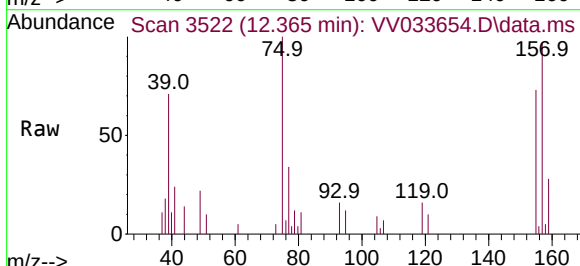
Tgt Ion: 75 Resp: 4969

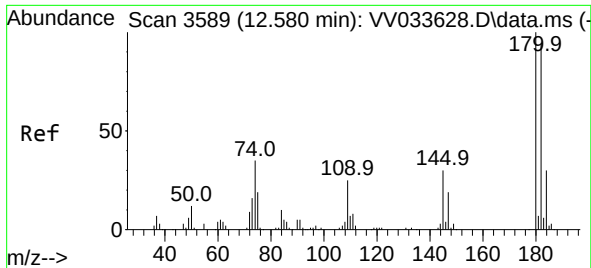
Ion Ratio Lower Upper

75 100

155 73.2 65.3 97.9

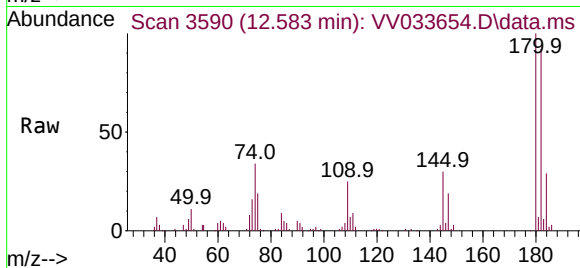
157 97.5 75.4 113.0



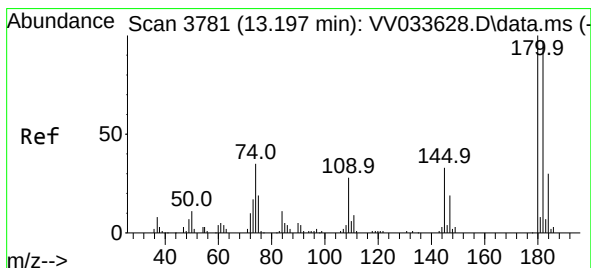
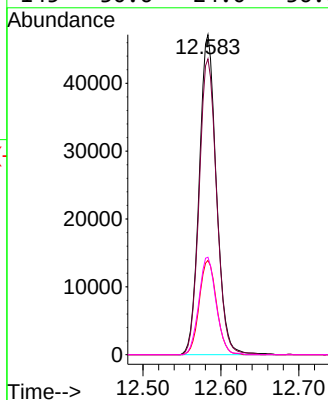
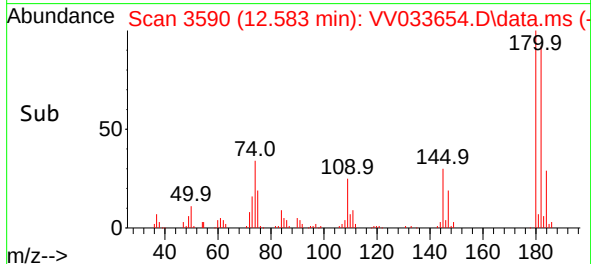


#69
 1,3,5-Trichlorobenzene
 Concen: 5.246 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.003 min
 Lab File: VV033654.D
 Acq: 15 Jan 2024 20:13

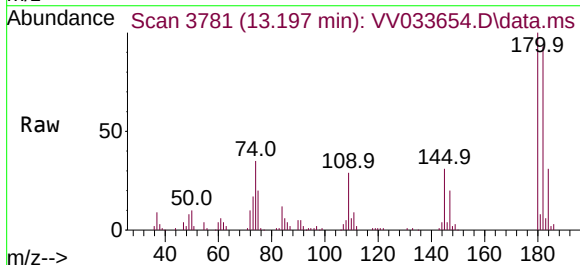
Instrument :
 MSVOA_V
 ClientSampleId :



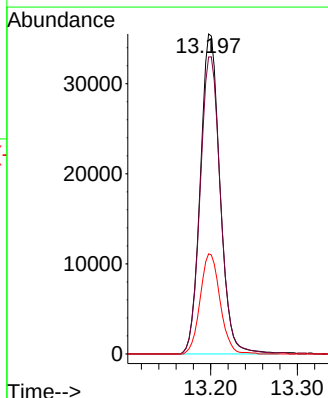
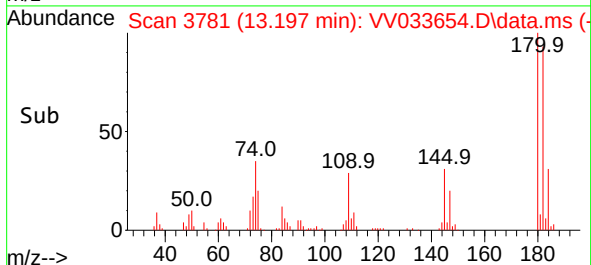
Tgt Ion:180 Resp: 72152
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 184 29.6 24.2 36.2
 145 30.6 24.0 36.0

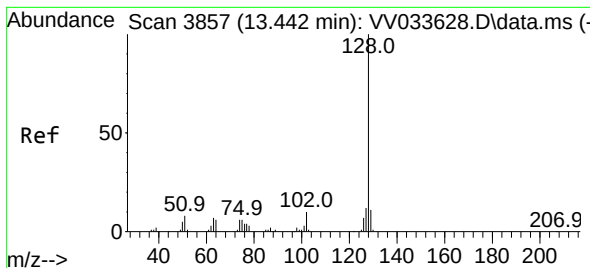


#70
 1,2,4-trichlorobenzene
 Concen: 4.886 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV033654.D
 Acq: 15 Jan 2024 20:13



Tgt Ion:180 Resp: 55982
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.0 112.6
 145 31.6 24.8 37.2





#71

Naphthalene

Concen: 3.882 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

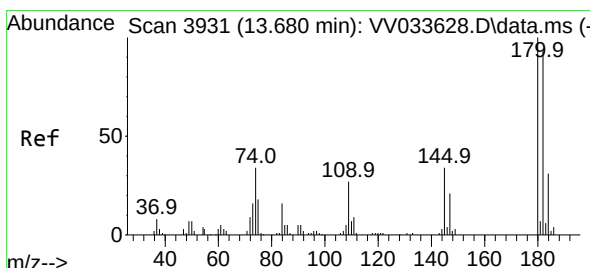
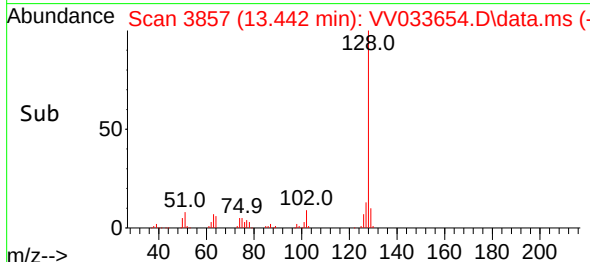
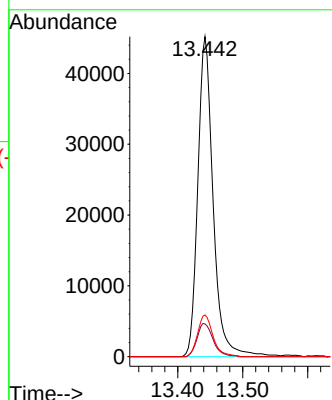
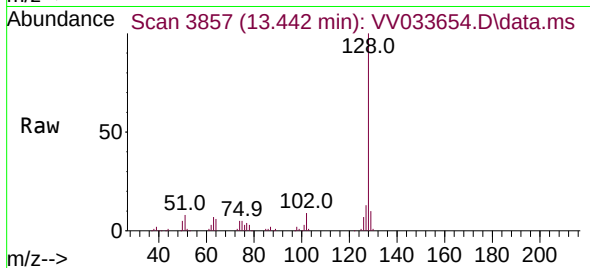
Tgt Ion:128 Resp: 74243

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.817 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033654.D

Acq: 15 Jan 2024 20:13

Tgt Ion:180 Resp: 44269

Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

145 32.6 26.6 40.0

