

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033869.D
 Acq On : 25 Jan 2024 15:37
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 21:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	83361	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33672	5.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.400%	
7) Chloroethane-d5	1.532	69	29050	5.137	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.060	65	15467	4.968	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	3.790	46	65140	60.076	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.160%	
24) Chloroform-d	4.253	84	59995	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	4.947	65	31479	5.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	4.963	84	119246	4.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	5.992	67	35937	5.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.246	98	108760	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
43) trans-1,3-Dichloroprop...	7.561	79	10587	4.174	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.024	63	54330	60.000	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.000%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23475	5.764	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	39855	5.306	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1739	0.228	ug/L #	88
3) Chloromethane	1.217	50	2654	0.318	ug/L	93
5) Vinyl chloride	1.285	62	2255	0.283	ug/L #	1
6) Bromomethane	1.487	94	951	0.227	ug/L	87
8) Chloroethane	1.288	64	182405	33.580	ug/L #	53
9) Trichlorofluoromethane	1.716	101	2657	0.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1934	0.322	ug/L #	75
12) 1,1-Dichloroethene	2.069	96	1626	0.279	ug/L #	1
13) Acetone	2.114	43	3367	4.093	ug/L #	46
14) Carbon disulfide	2.246	76	5714	0.303	ug/L	100
15) Methyl Acetate	2.384	43	259	0.133	ug/L #	53
16) Methylene chloride	2.452	84	1265	0.226	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	2943	0.246	ug/L #	91
18) trans-1,2-Dichloroethene	2.700	96	1326	0.224	ug/L	97
19) 1,1-Dichloroethane	3.114	63	2346	0.215	ug/L #	85
21) 2-Butanone	3.912	43	941	0.866	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	2298	0.341	ug/L	93
23) Bromochloromethane	4.166	128	445	0.190	ug/L #	76
25) Chloroform	4.285	83	2239	0.203	ug/L	97

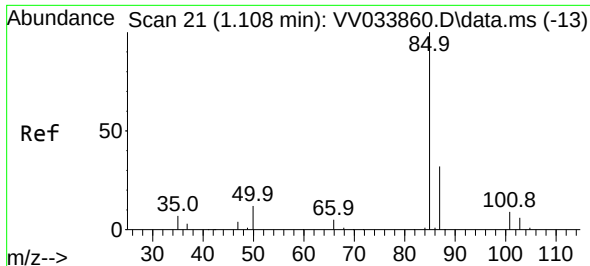
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012524\
 Data File : VV033869.D
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 Quant Title : TRACE VOA SFAM1.0
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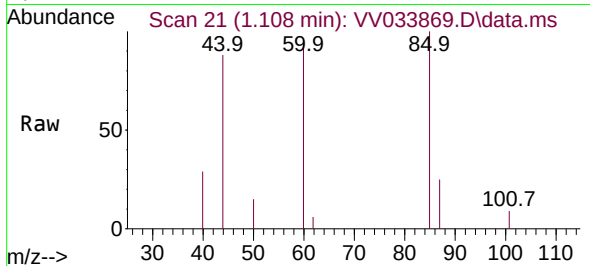
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.066	62	1371	0.217	ug/L #	76
29) 1,1,1-Trichloroethane	4.519	97	2054	0.191	ug/L #	84
30) Cyclohexane	4.584	56	2498	0.239	ug/L #	60
31) Carbon tetrachloride	4.741	117	1976	0.210	ug/L	93
33) Benzene	5.021	78	5131	0.214	ug/L	100
34) Trichloroethene	5.844	95	1823	0.262	ug/L	86
35) Methylcyclohexane	6.053	83	2151	0.197	ug/L	87
37) 1,2-Dichloropropane	6.108	63	1293	0.222	ug/L #	87
38) Bromodichloromethane	6.449	83	1477	0.193	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1581	0.179	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	5857	2.102	ug/L #	89
42) Toluene	7.326	91	5656	0.220	ug/L	94
44) trans-1,3-Dichloropropene	7.603	75	1386	0.204	ug/L	92
45) 1,1,2-Trichloroethane	7.789	97	767	0.213	ug/L #	66
47) Tetrachloroethene	7.915	164	1974	0.349	ug/L	89
48) 2-Hexanone	8.088	43	7257	3.694	ug/L #	84
49) Dibromochloromethane	8.185	129	833	0.195	ug/L	89
50) 1,2-Dibromoethane	8.301	107	725	0.225	ug/L #	78
51) Chlorobenzene	8.822	112	3703	0.228	ug/L	93
52) Ethylbenzene	8.953	91	6650	0.225	ug/L	97
53) m,p-Xylene	9.082	106	2403	0.215	ug/L	85
54) o-Xylene	9.484	106	2102	0.195	ug/L	98
55) Styrene	9.510	104	3004	0.174	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	1138	0.300	ug/L #	93
59) Bromoform	9.683	173	300	0.132	ug/L #	65
60) Isopropylbenzene	9.870	105	6848	0.224	ug/L	93
61) 1,2,3-Trichloropropane	10.217	75	645	0.227	ug/L #	79
62) 1,3,5-Trimethylbenzene	10.481	105	5515	0.213	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	5396	0.215	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	3016	0.226	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	3299	0.250	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	2715	0.237	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	12.583	75	386	0.649	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.587	180	2269	0.220	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	1840	0.229	ug/L	96
71) Naphthalene	13.448	128	3010	0.285	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.686	180	1449	0.225	ug/L	89

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

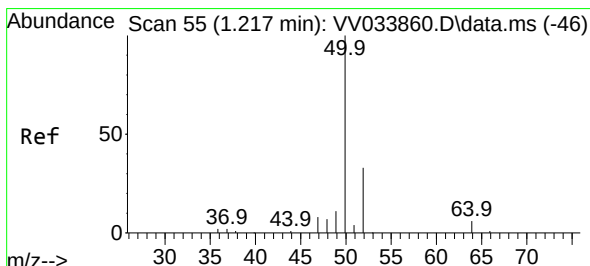
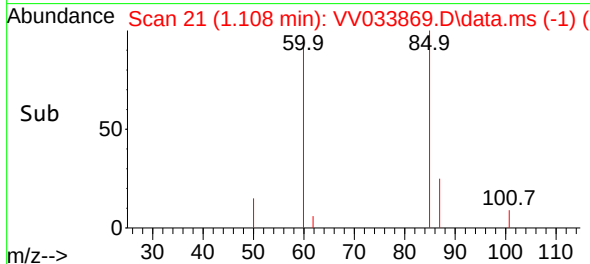
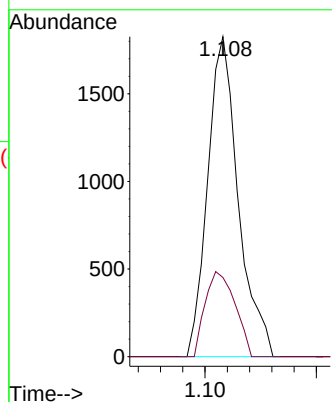


#2
 Dichlorodifluoromethane
 Concen: 0.228 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033869.D
 Acq: 25 Jan 2024 15:37

Instrument :
 MSVOA_V
 ClientSampleId :

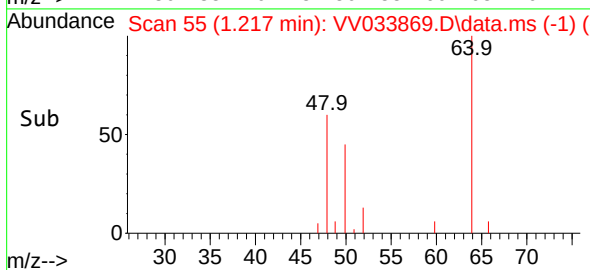
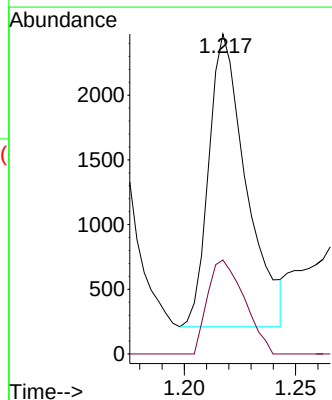
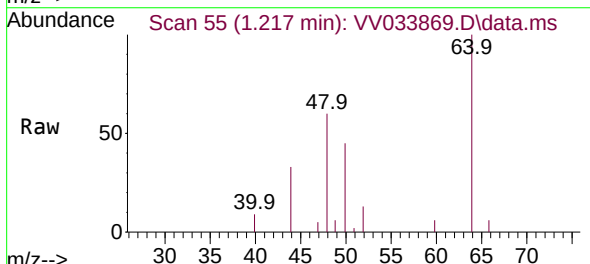


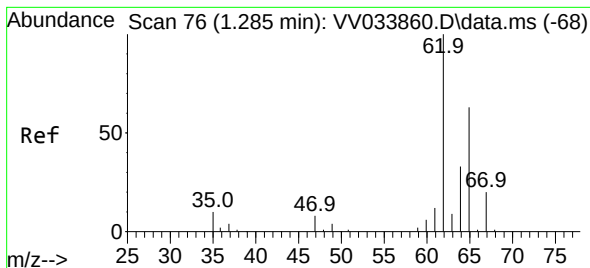
Tgt Ion: 85 Resp: 1739
 Ion Ratio Lower Upper
 85 100
 87 25.9 26.2 39.4#



#3
 Chloromethane
 Concen: 0.318 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033869.D
 Acq: 25 Jan 2024 15:37

Tgt Ion: 50 Resp: 2654
 Ion Ratio Lower Upper
 50 100
 52 29.4 23.4 43.4





#5

Vinyl chloride

Concen: 0.283 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

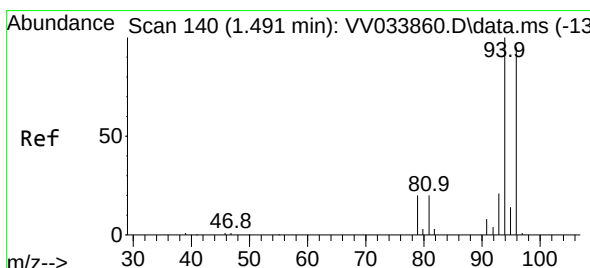
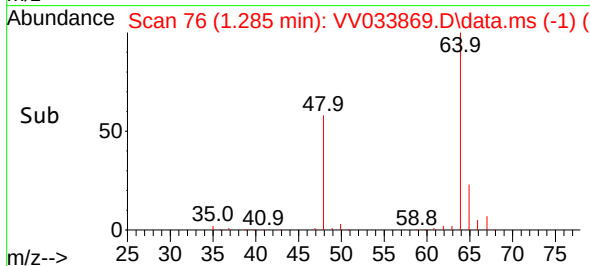
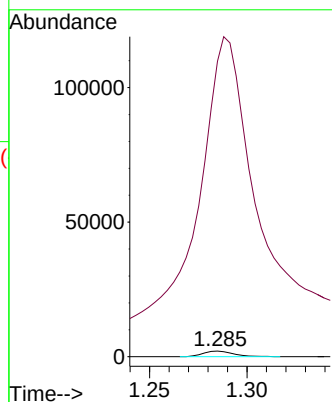
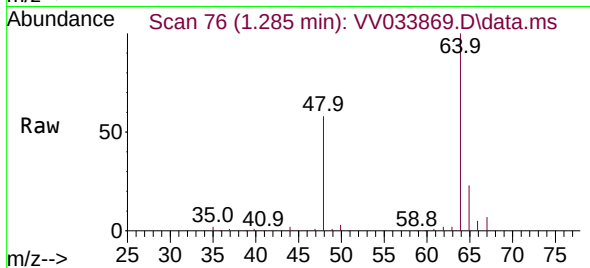
ClientSampleId :

Tgt Ion: 62 Resp: 2255

Ion Ratio Lower Upper

62 100

64 5190.7 27.2 50.4#



#6

Bromomethane

Concen: 0.227 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV033869.D

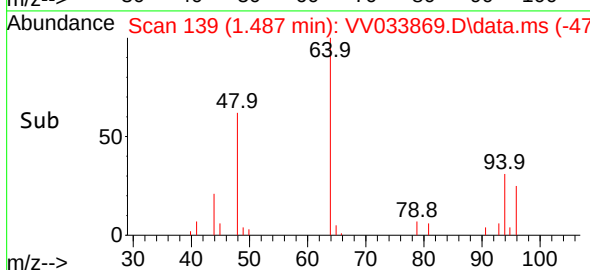
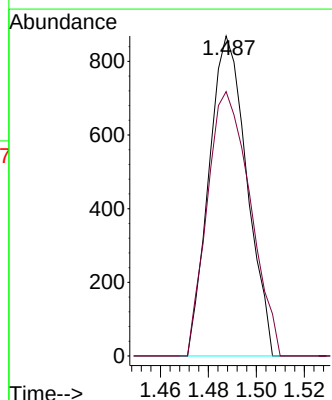
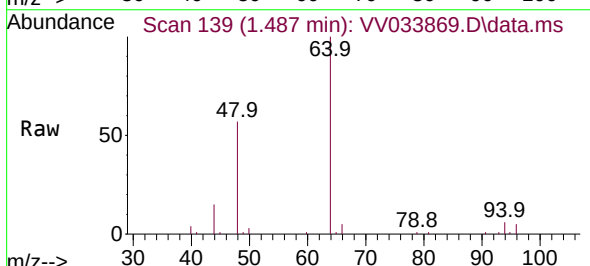
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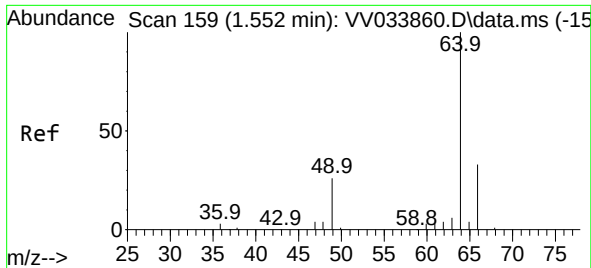
Tgt Ion: 94 Resp: 951

Ion Ratio Lower Upper

94 100

96 82.6 66.6 123.8





#8

Chloroethane

Concen: 33.580 ug/L

RT: 1.288 min Scan# 71

Delta R.T. -0.264 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

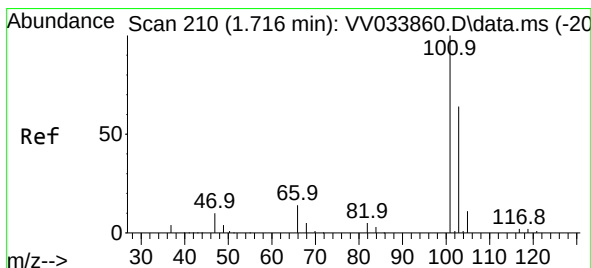
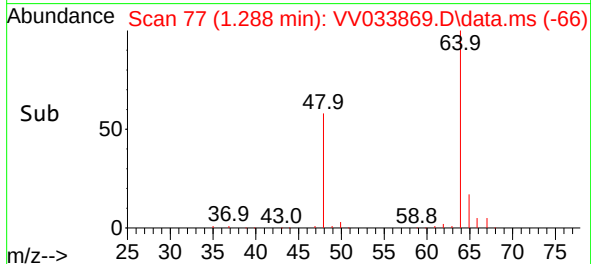
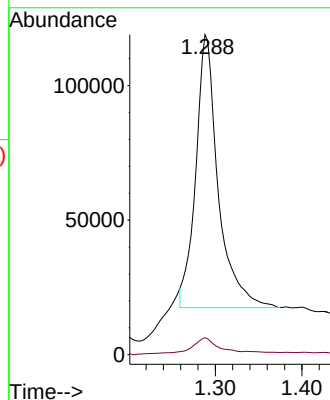
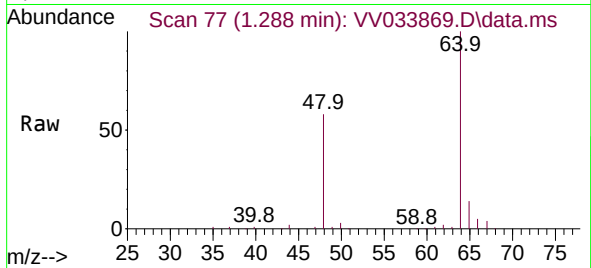
ClientSampleId :

Tgt Ion: 64 Resp: 182405

Ion Ratio Lower Upper

64 100

66 5.3 22.0 41.0#



#9

Trichlorofluoromethane

Concen: 0.232 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV033869.D

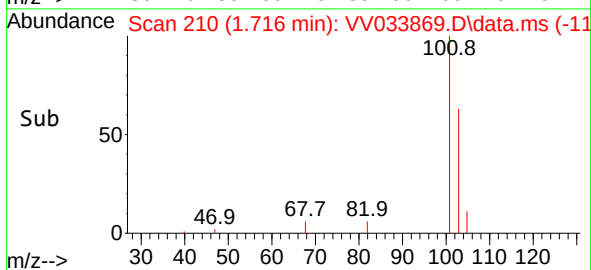
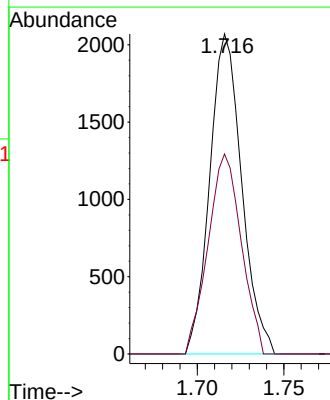
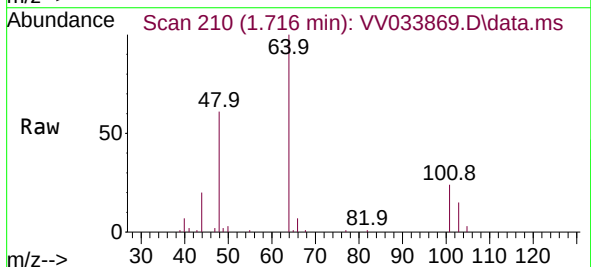
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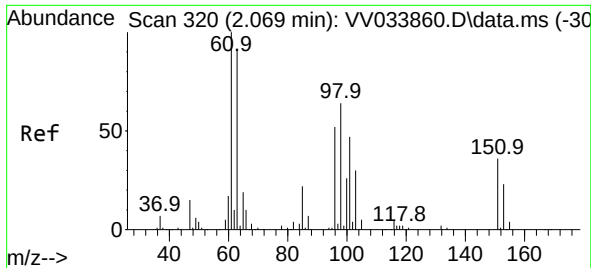
Tgt Ion:101 Resp: 2657

Ion Ratio Lower Upper

101 100

103 64.9 51.0 76.4





#10

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

Concen: 0.322 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033869.D

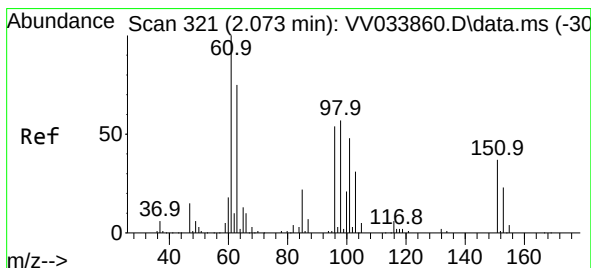
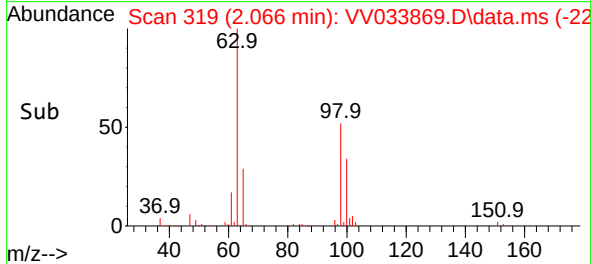
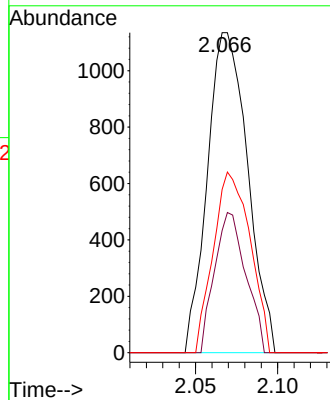
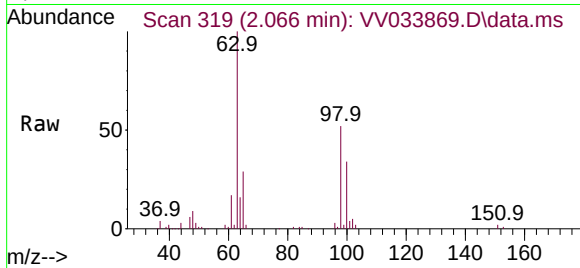
Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	1934
Ion	Ratio	Lower	Upper
101	100		
85	34.0	37.1	55.7#
151	51.8	61.7	92.5#



#12

1,1-Dichloroethene

Concen: 0.279 ug/L

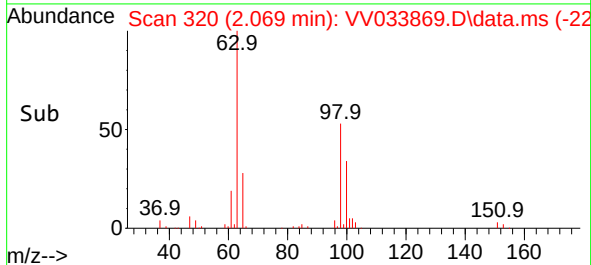
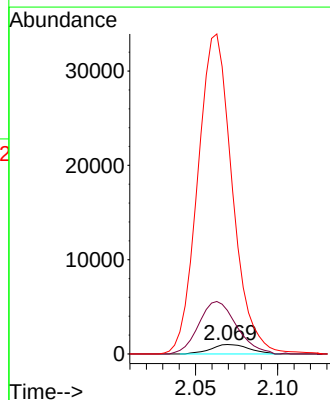
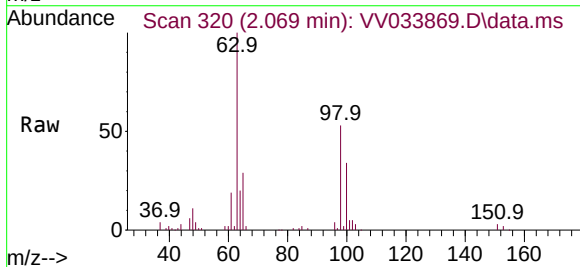
RT: 2.069 min Scan# 320

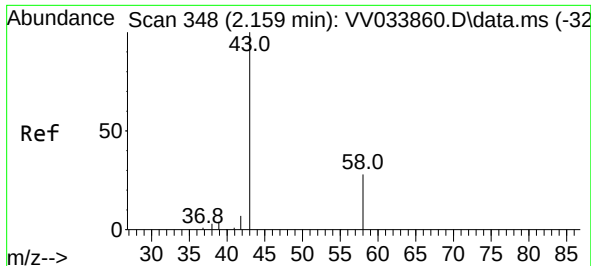
Delta R.T. -0.003 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Tgt Ion:	96	Resp:	1626
Ion	Ratio	Lower	Upper
96	100		
61	458.6	128.8	239.2#
63	2406.4	97.9	181.9#





#13

Acetone

Concen: 4.093 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.045 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

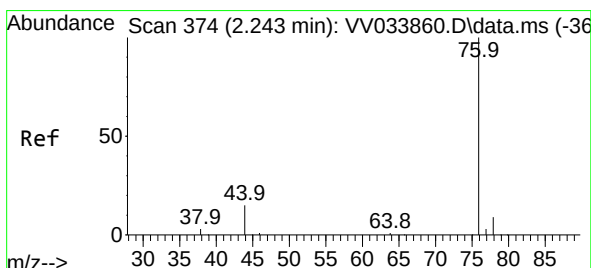
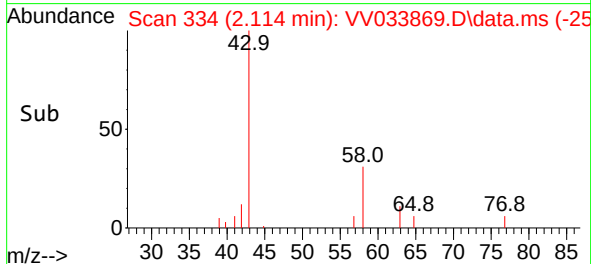
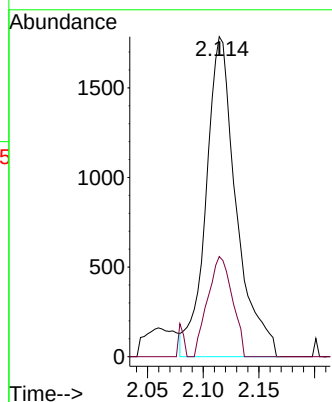
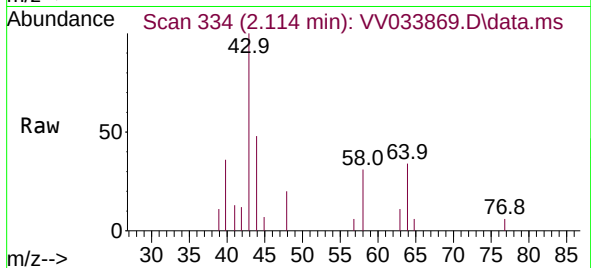
ClientSampleId :

Tgt Ion: 43 Resp: 3367

Ion Ratio Lower Upper

43 100

58 25.5 0.0 13.8#



#14

Carbon disulfide

Concen: 0.303 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV033869.D

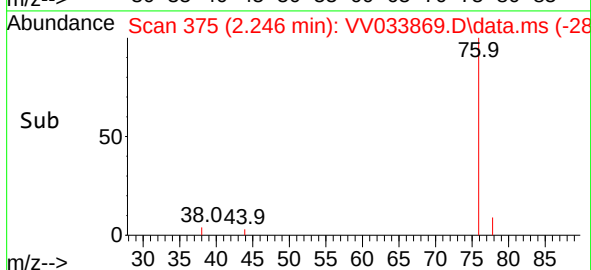
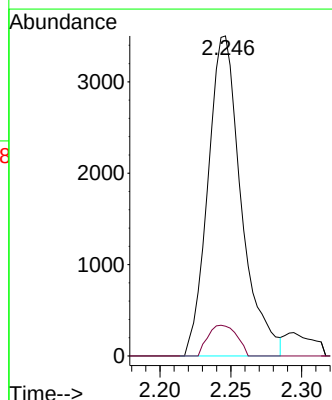
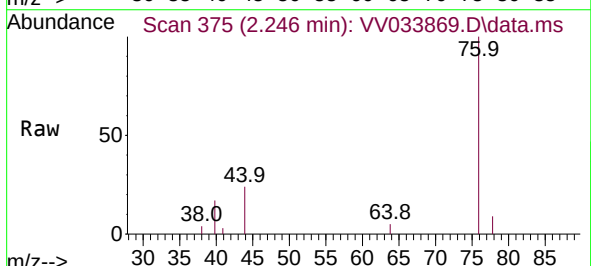
Acq: 25 Jan 2024 15:37

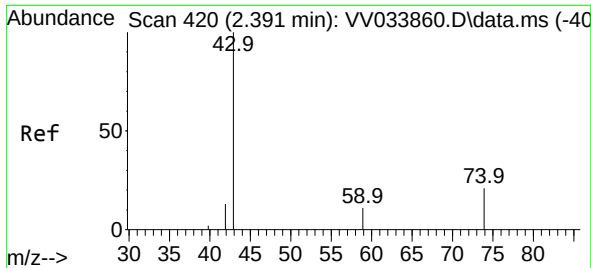
Tgt Ion: 76 Resp: 5714

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

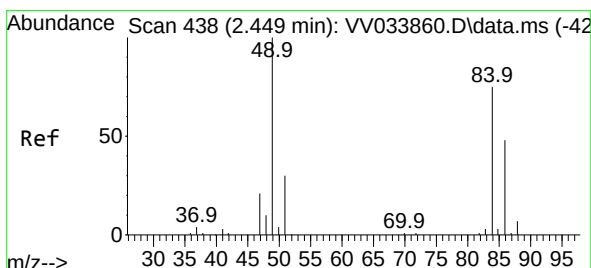
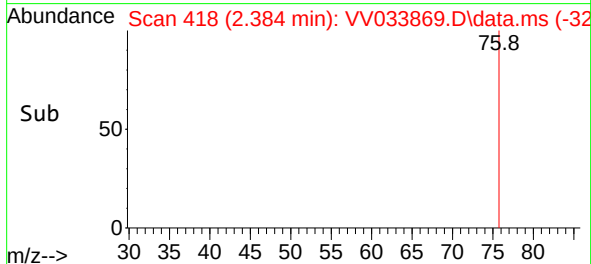
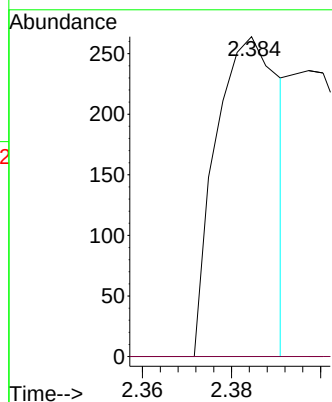
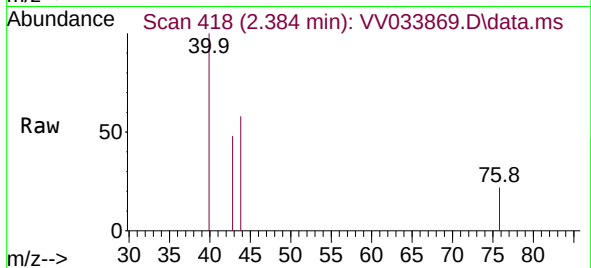




#15
Methyl Acetate
Concen: 0.133 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

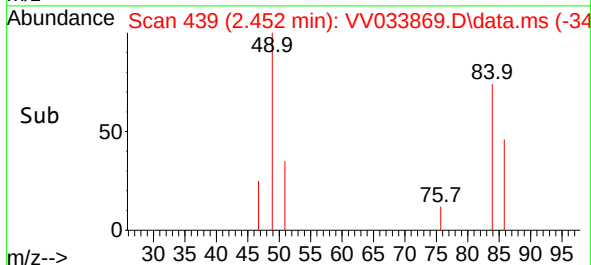
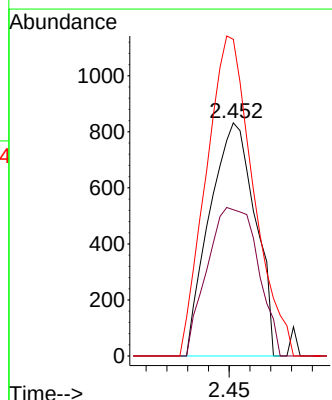
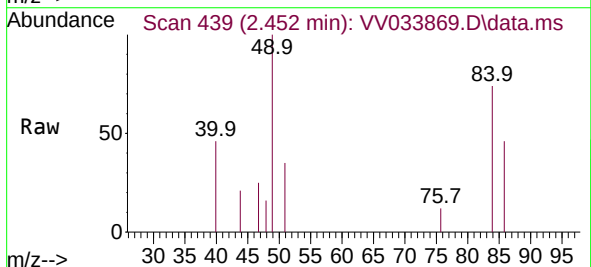
Instrument :
MSVOA_V
ClientSampleId :

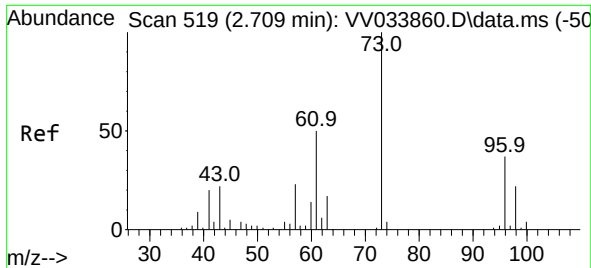
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.226 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion: 84 Resp: 1265
Ion Ratio Lower Upper
84 100
86 62.7 44.7 83.1
49 135.8 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 0.246 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.006 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

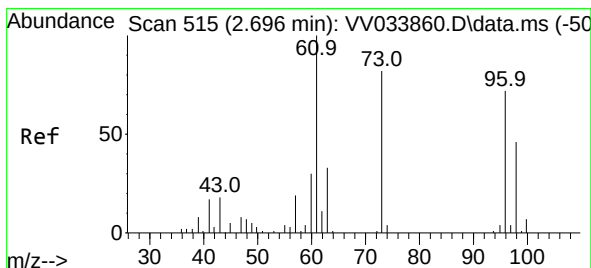
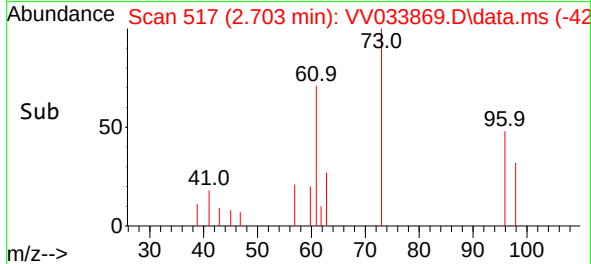
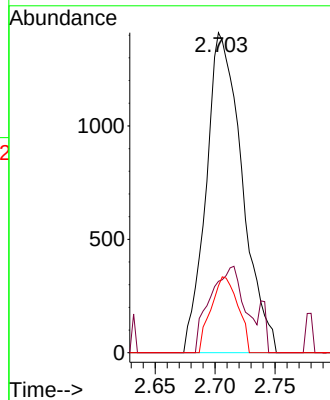
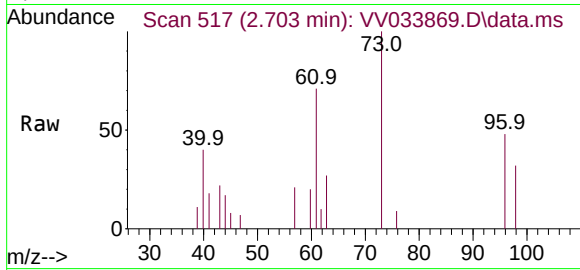
Tgt Ion: 73 Resp: 2943

Ion Ratio Lower Upper

73 100

43 26.1 17.7 26.5

57 17.8 17.9 26.9#



#18

trans-1,2-Dichloroethene

Concen: 0.224 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

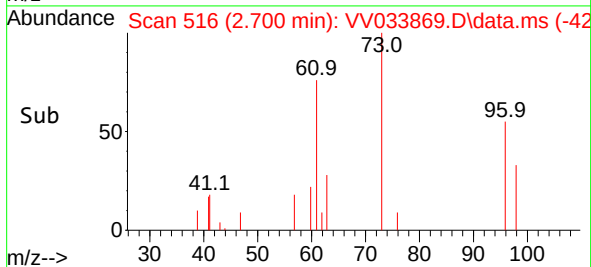
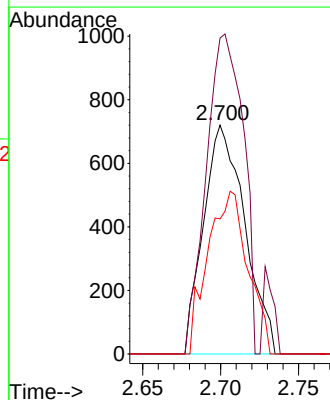
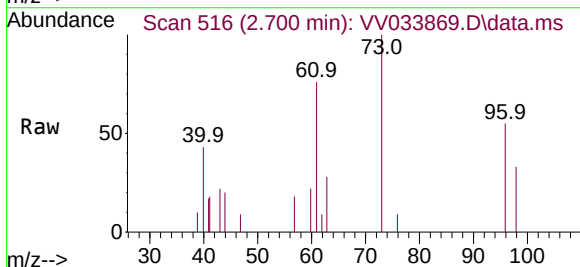
Tgt Ion: 96 Resp: 1326

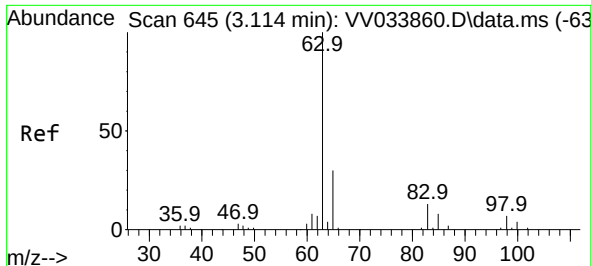
Ion Ratio Lower Upper

96 100

61 138.1 97.6 181.4

98 59.0 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.215 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

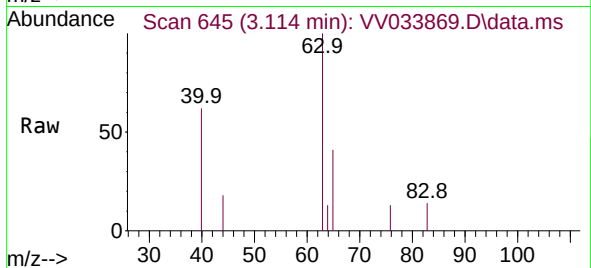
Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :



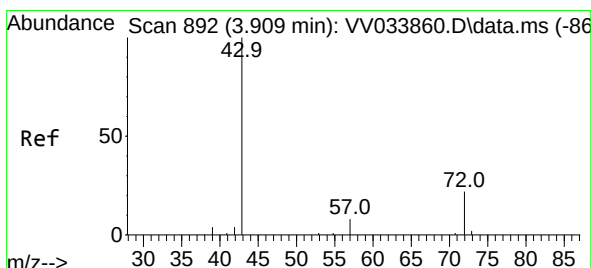
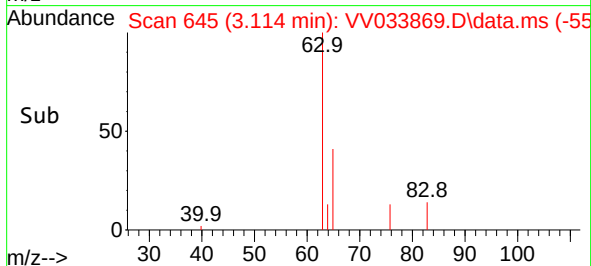
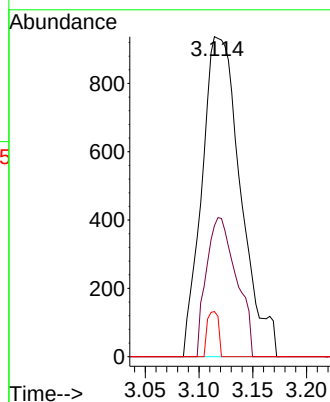
Tgt Ion: 63 Resp: 2346

Ion Ratio Lower Upper

63 100

65 41.0 20.8 38.6#

83 14.1 9.4 17.4



#21

2-Butanone

Concen: 0.866 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV033869.D

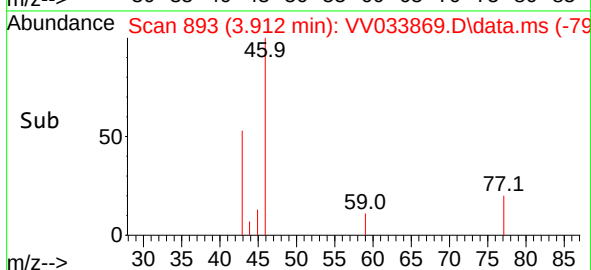
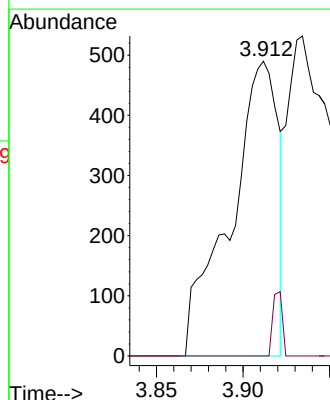
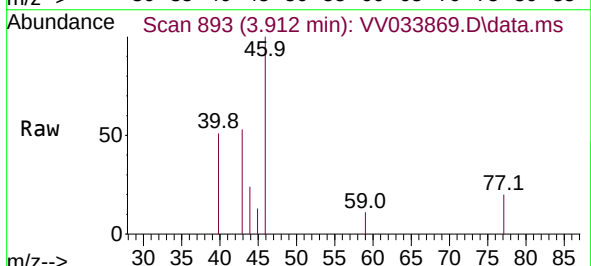
Acq: 25 Jan 2024 15:37

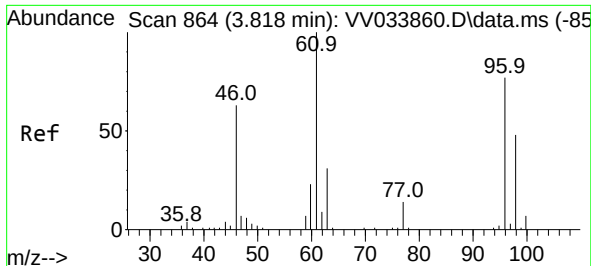
Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100

72 4.3 4.0 11.9





#22

cis-1,2-Dichloroethene

Concen: 0.341 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

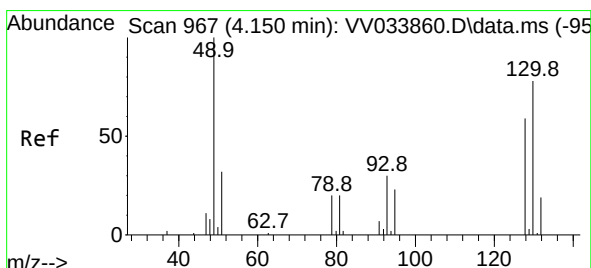
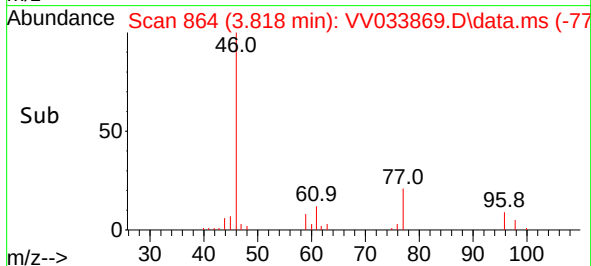
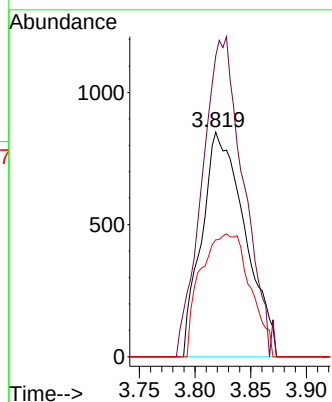
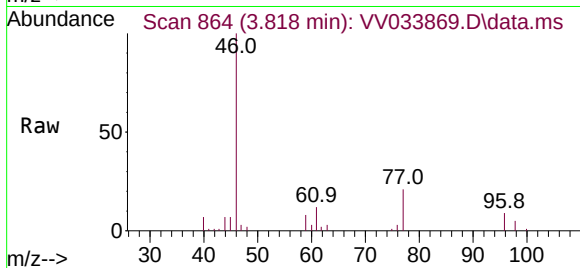
Tgt Ion: 96 Resp: 2298

Ion Ratio Lower Upper

96 100

61 133.9 90.3 167.7

98 52.0 43.2 80.2



#23

Bromochloromethane

Concen: 0.190 ug/L

RT: 4.166 min Scan# 972

Delta R.T. 0.016 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Tgt Ion: 128 Resp: 445

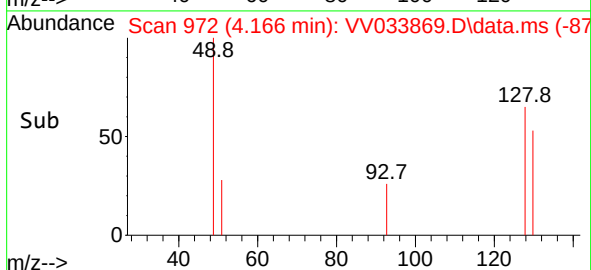
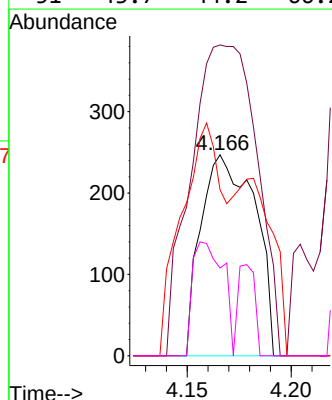
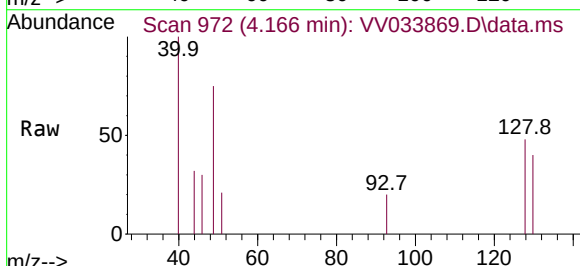
Ion Ratio Lower Upper

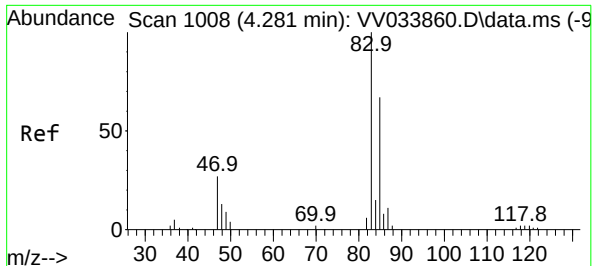
128 100

49 154.7 120.5 223.7

130 82.6 93.4 173.4#

51 43.7 44.2 66.2#





#25

Chloroform

Concen: 0.203 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

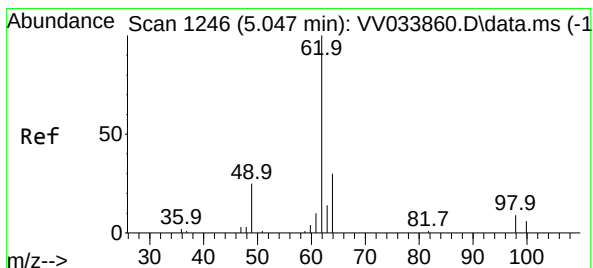
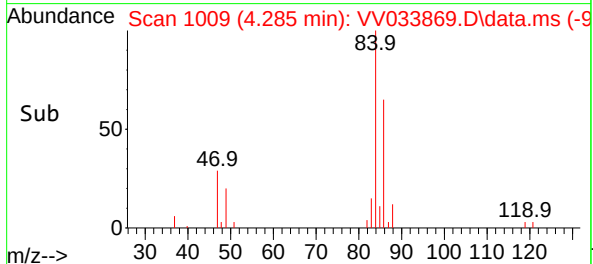
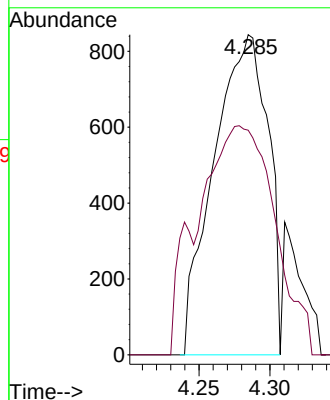
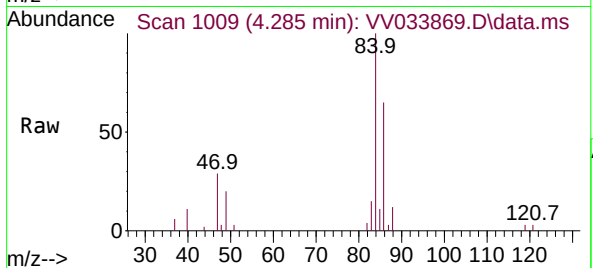
ClientSampleId :

Tgt Ion: 83 Resp: 2239

Ion Ratio Lower Upper

83 100

85 70.1 47.5 88.1



#27

1,2-Dichloroethane

Concen: 0.217 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.019 min

Lab File: VV033869.D

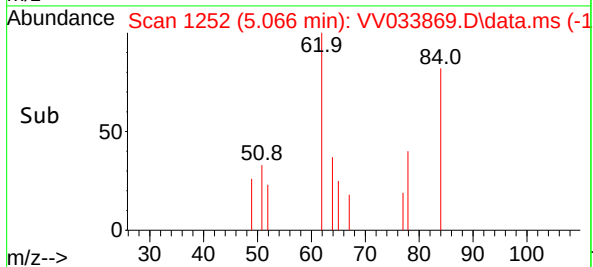
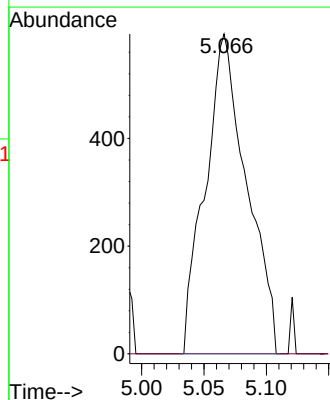
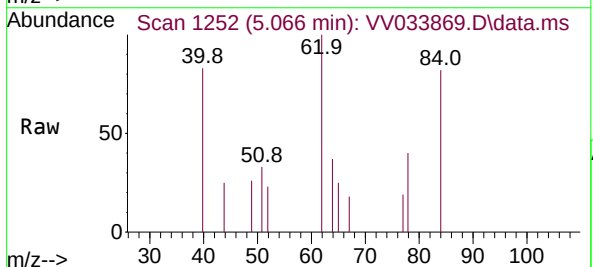
Acq: 25 Jan 2024 15:37

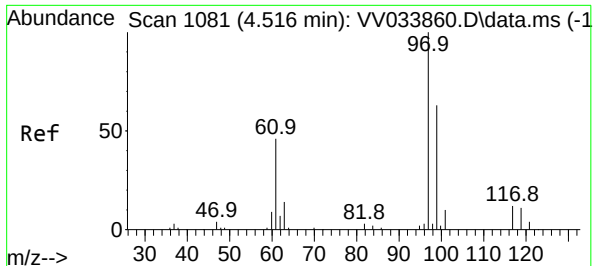
Tgt Ion: 62 Resp: 1371

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#29

1,1,1-Trichloroethane

Concen: 0.191 ug/L

RT: 4.519 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV033869.D

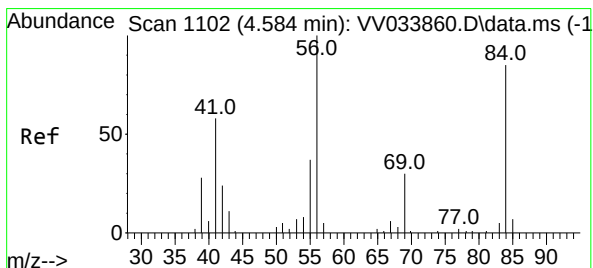
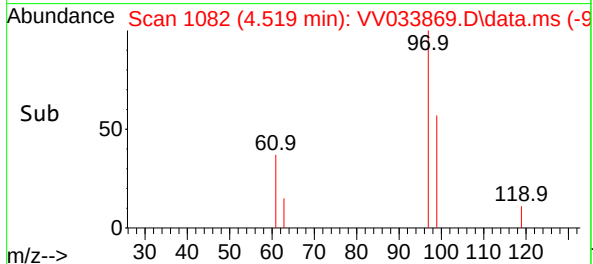
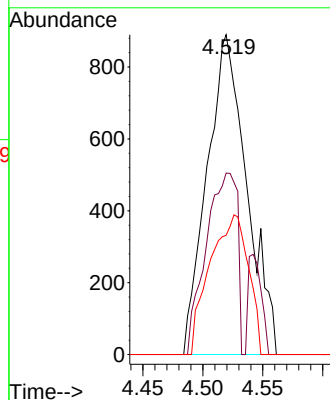
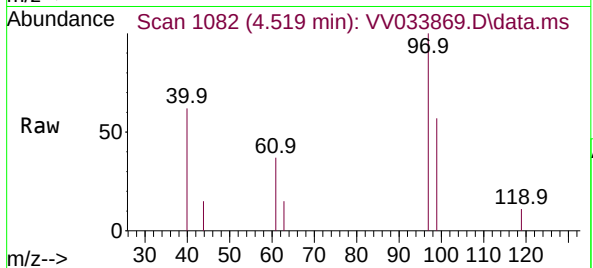
Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 2054
Ion Ratio	Lower Upper
97 100	
99 44.5	50.6 75.8#
61 42.4	36.8 55.2



#30

Cyclohexane

Concen: 0.239 ug/L

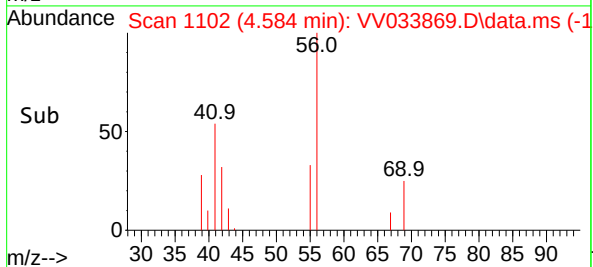
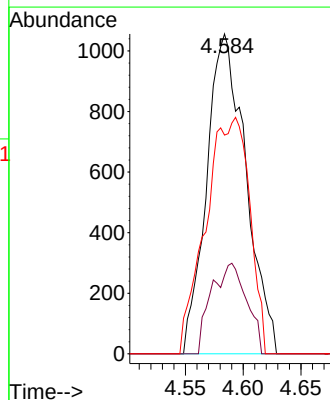
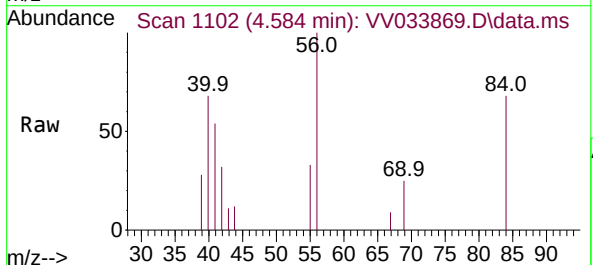
RT: 4.584 min Scan# 1102

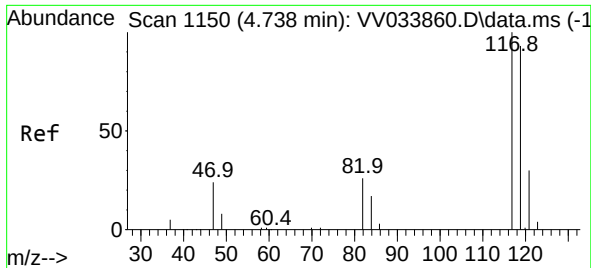
Delta R.T. 0.000 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Tgt Ion: 56	Resp: 2498
Ion Ratio	Lower Upper
56 100	
69 25.4	24.2 36.2
84 40.0	70.0 105.0#

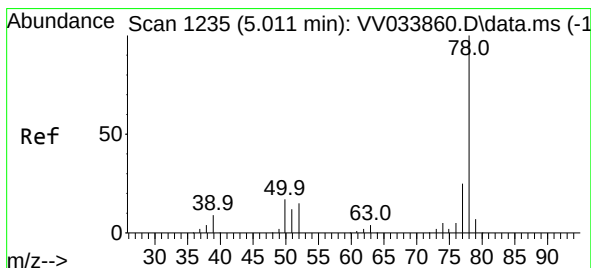
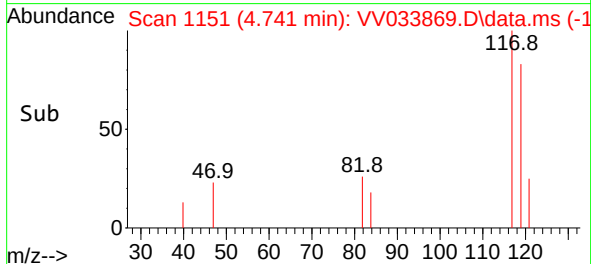
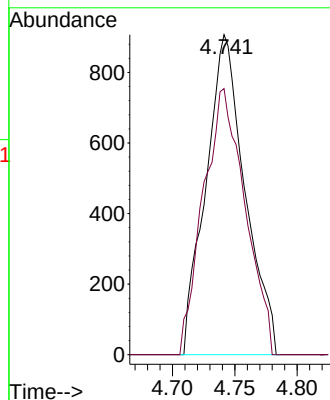
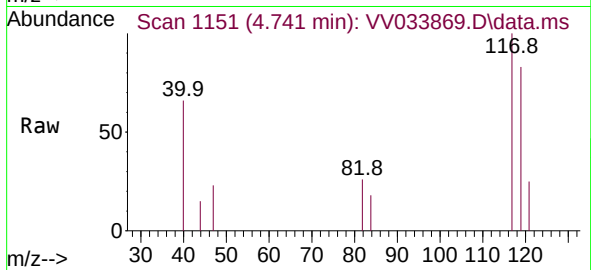




#31
Carbon tetrachloride
Concen: 0.210 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

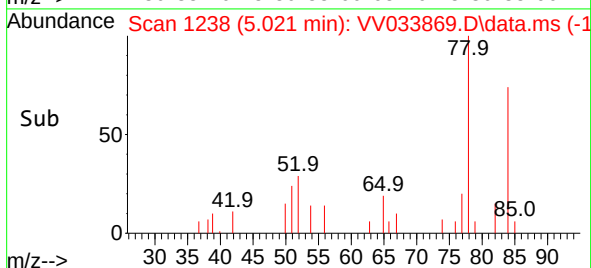
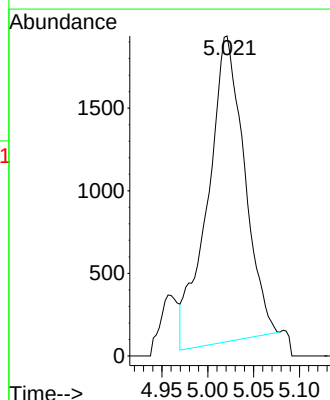
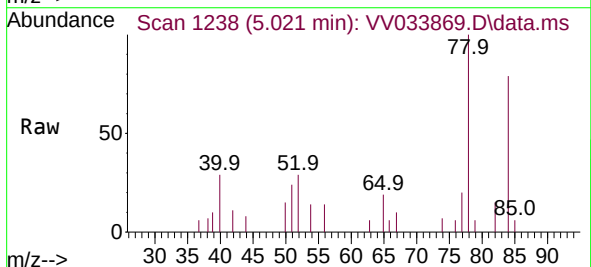
Instrument :
MSVOA_V
ClientSampleId :

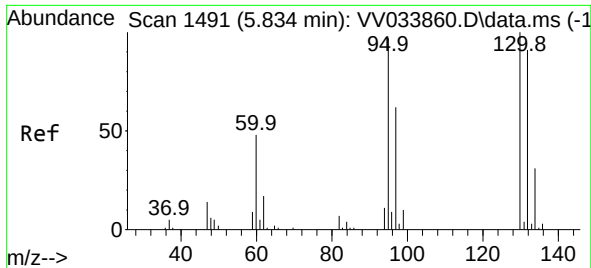
Tgt Ion:117 Resp: 1976
Ion Ratio Lower Upper
117 100
119 88.8 76.1 114.1



#33
Benzene
Concen: 0.214 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion: 78 Resp: 5131



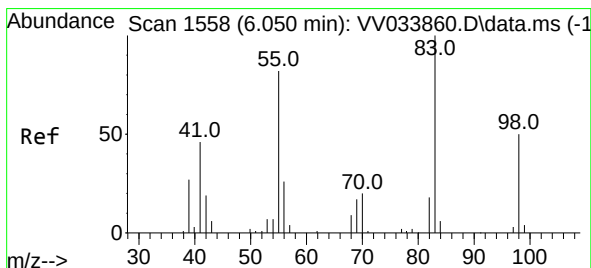
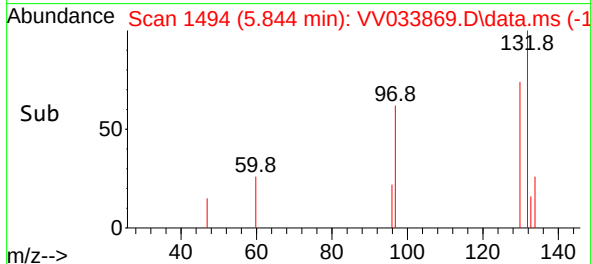
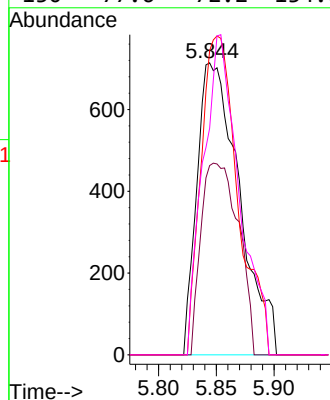
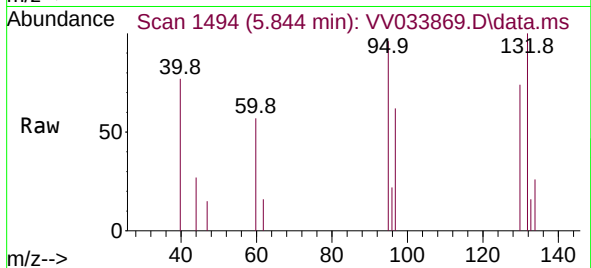


#34
Trichloroethene
Concen: 0.262 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1823

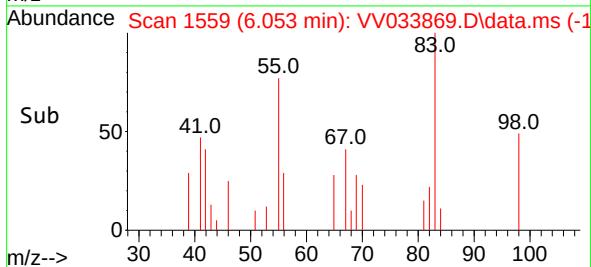
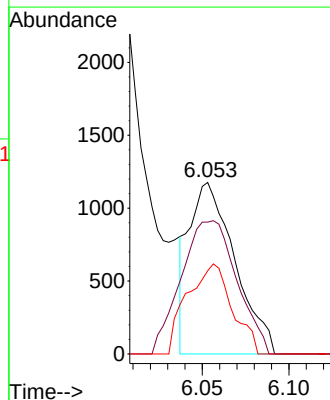
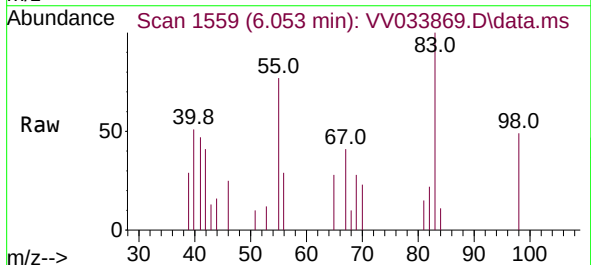
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.1	83.7
132	104.2	66.0	122.6
130	77.6	72.2	134.0

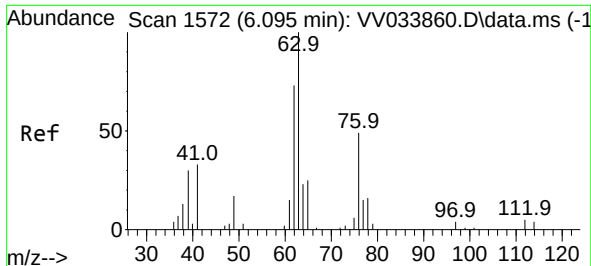


#35
Methylcyclohexane
Concen: 0.197 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion: 83 Resp: 2151

Ion	Ratio	Lower	Upper
83	100		
55	94.9	63.5	95.3
98	51.7	39.0	58.4





#37

1,2-Dichloropropane

Concen: 0.222 ug/L

RT: 6.108 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

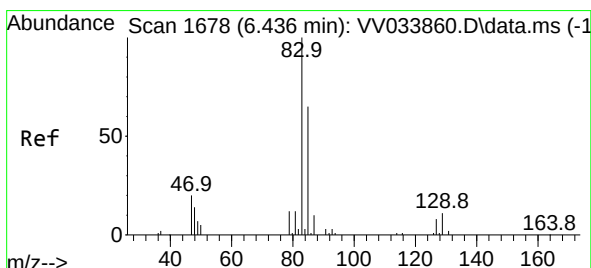
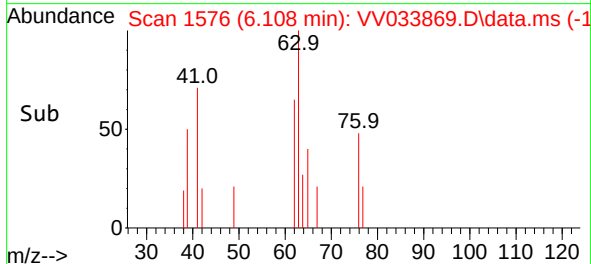
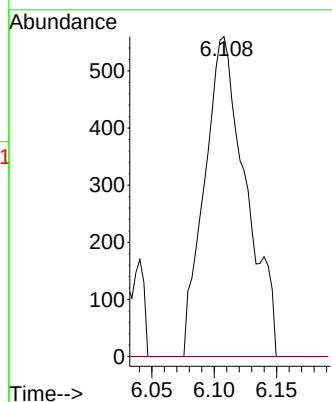
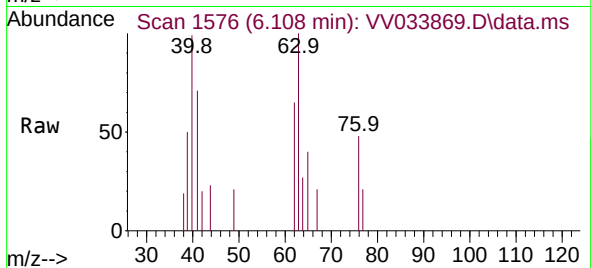
ClientSampleId :

Tgt Ion: 63 Resp: 1293

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.193 ug/L

RT: 6.449 min Scan# 1682

Delta R.T. 0.013 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

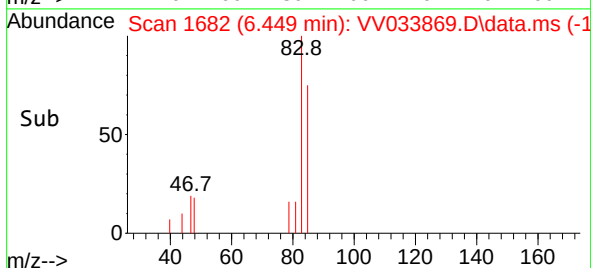
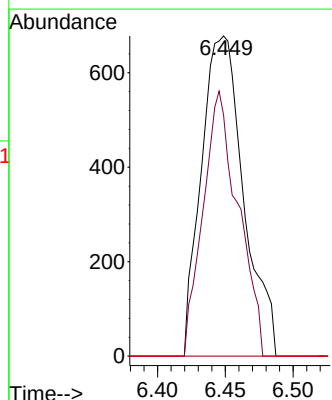
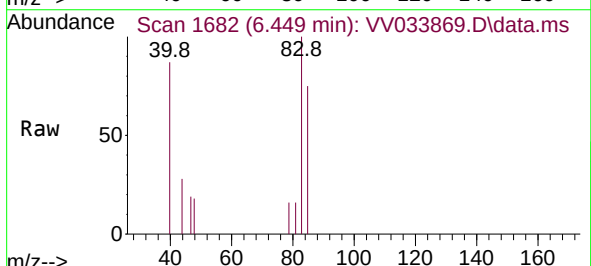
Tgt Ion: 83 Resp: 1477

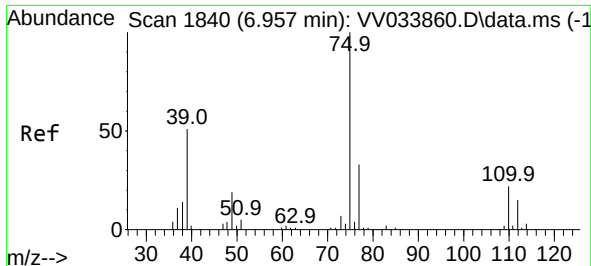
Ion Ratio Lower Upper

83 100

85 75.4 45.4 84.2

127 0.0 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 0.179 ug/L

RT: 6.982 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

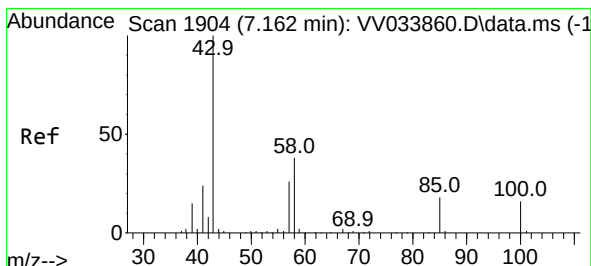
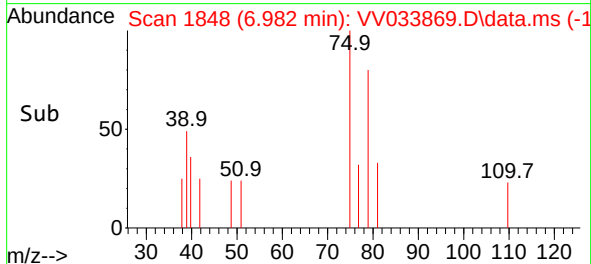
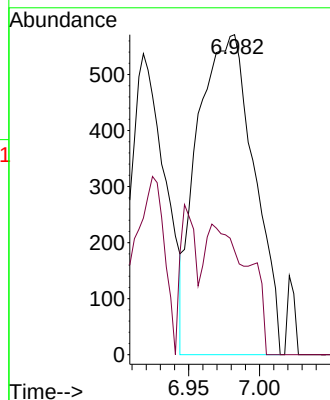
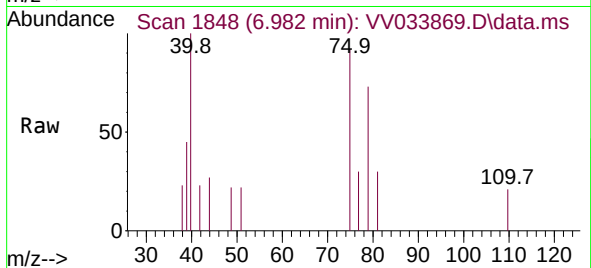
ClientSampleId :

Tgt Ion: 75 Resp: 1581

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 2.102 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.010 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

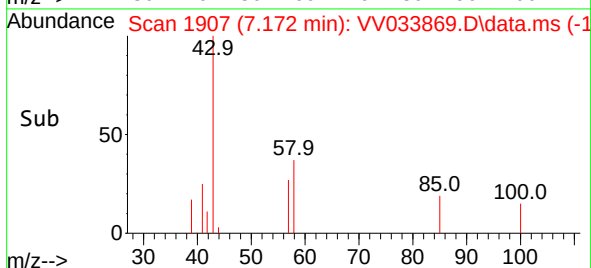
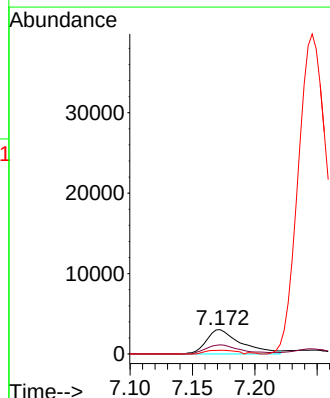
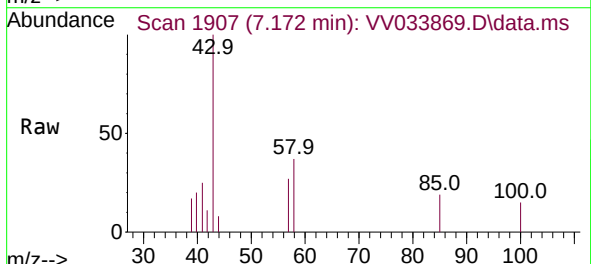
Tgt Ion: 43 Resp: 5857

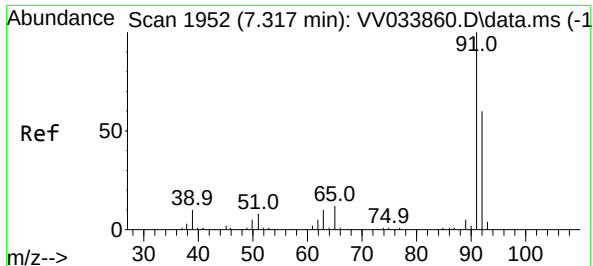
Ion Ratio Lower Upper

43 100

58 37.4 30.2 45.2

100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.220 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

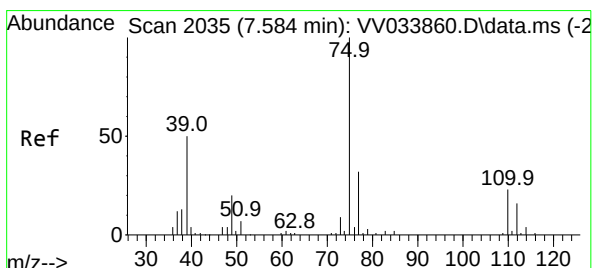
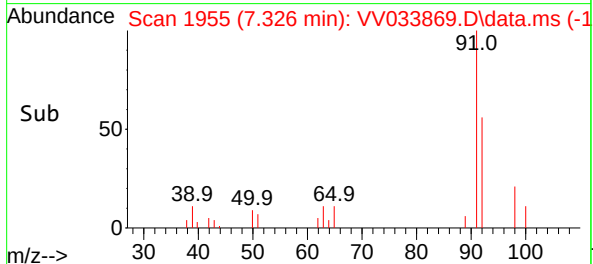
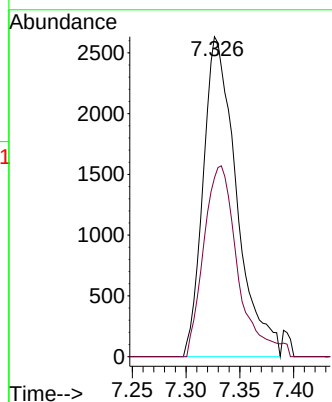
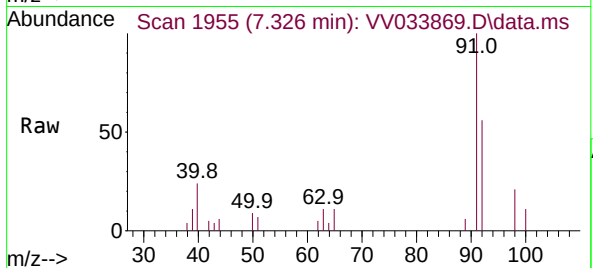
ClientSampleId :

Tgt Ion: 91 Resp: 5656

Ion Ratio Lower Upper

91 100

92 55.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.204 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.019 min

Lab File: VV033869.D

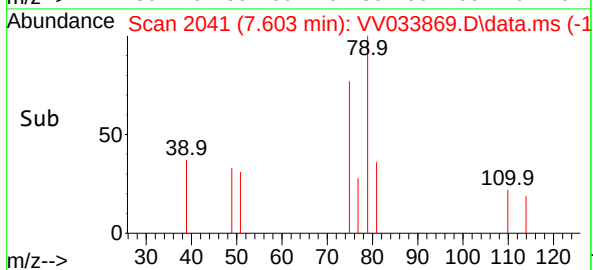
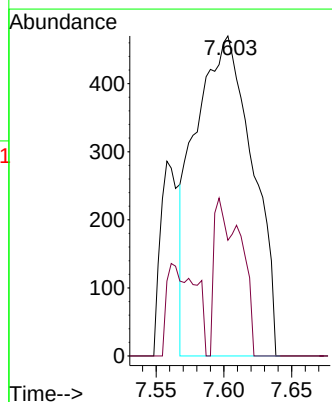
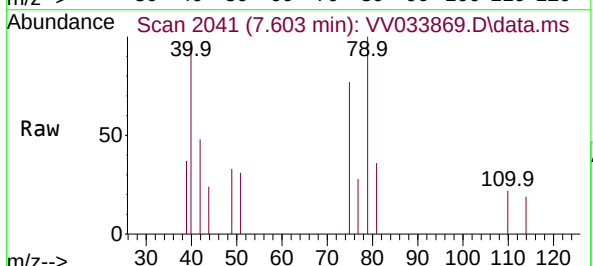
Acq: 25 Jan 2024 15:37

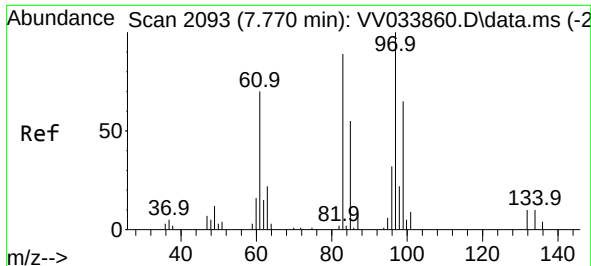
Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

75 100

77 36.2 22.2 41.2

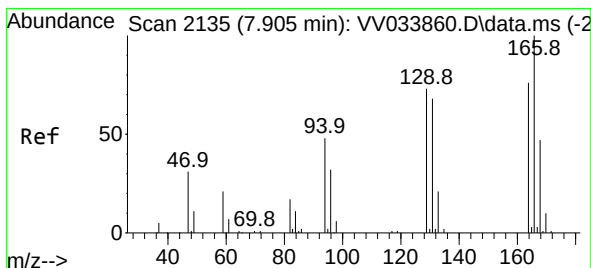
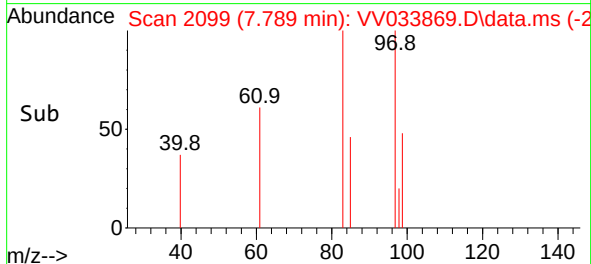
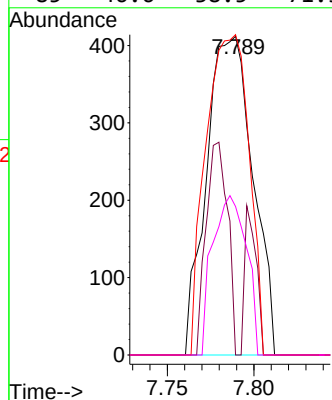
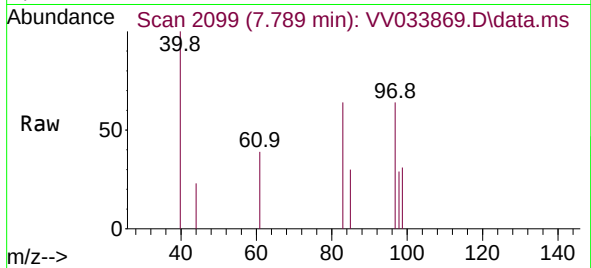




#45
1,1,2-Trichloroethane
Concen: 0.213 ug/L
RT: 7.789 min Scan# 2093
Delta R.T. 0.019 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

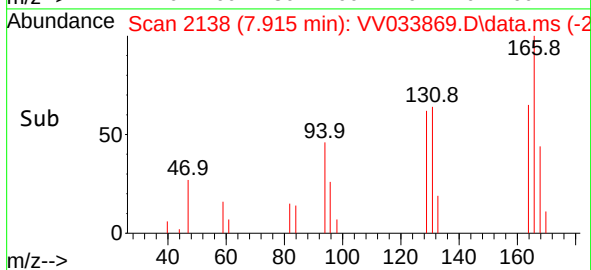
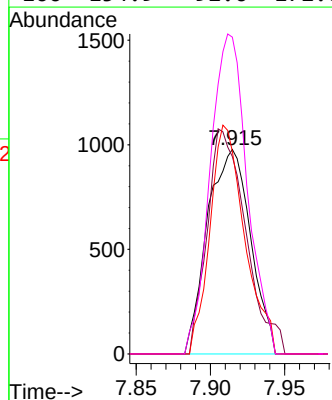
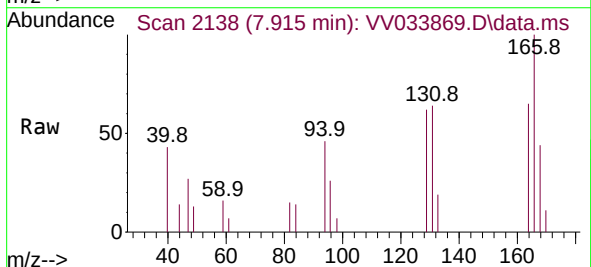
Instrument :
MSVOA_V
ClientSampleId :

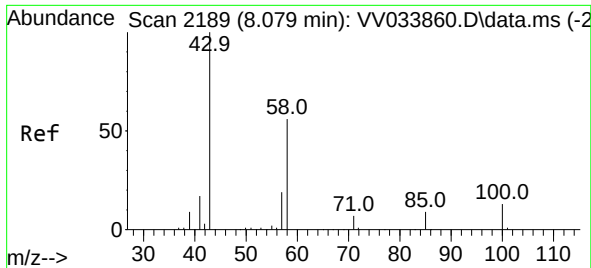
Tgt Ion: 97	Resp: 767
Ion Ratio	Lower Upper
97 100	
99 0.0	45.6 84.6#
83 100.5	62.3 115.7
85 46.6	38.5 71.5



#47
Tetrachloroethene
Concen: 0.349 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.010 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

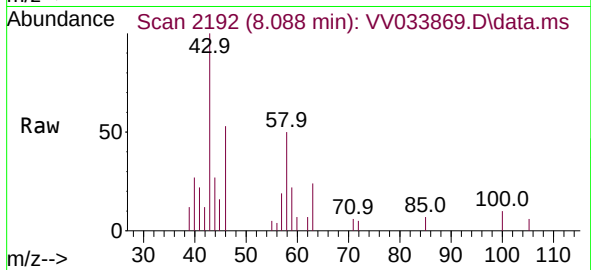
Tgt Ion:164	Resp: 1974
Ion Ratio	Lower Upper
164 100	
129 96.5	67.8 125.8
131 99.0	63.0 117.0
166 154.9	92.6 172.0



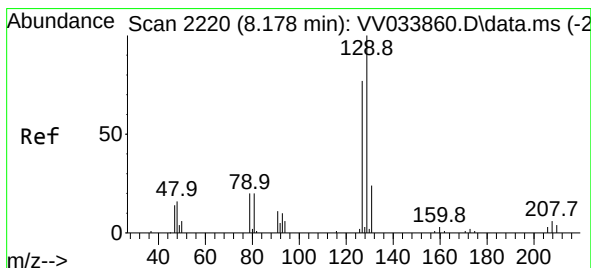
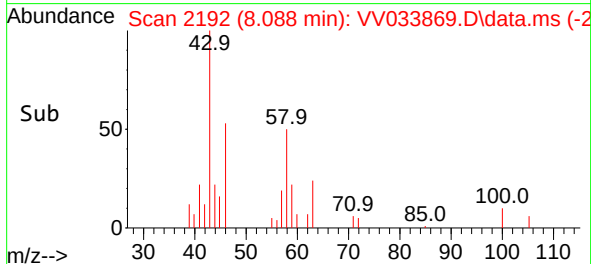
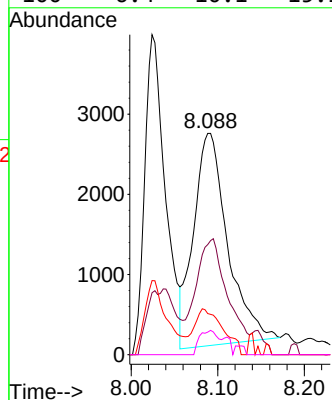


#48
2-Hexanone
Concen: 3.694 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

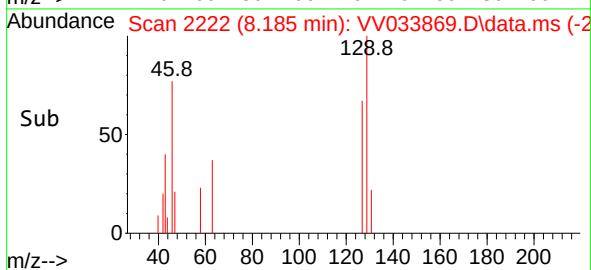
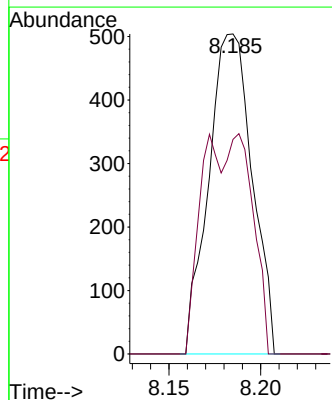
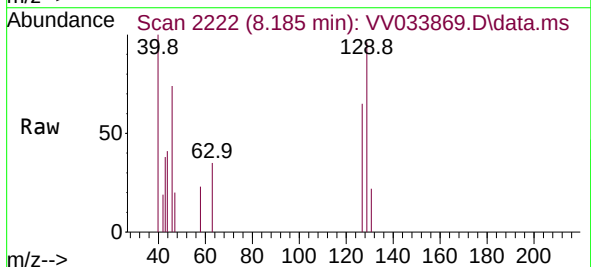


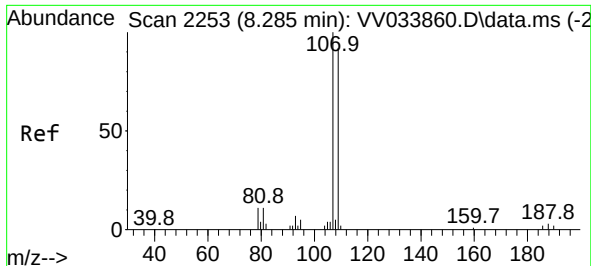
Tgt Ion: 43	Resp: 7257
Ion Ratio	Lower Upper
43 100	
58 38.1	42.6 64.0#
57 18.4	15.5 23.3
100 6.4	10.1 15.1#



#49
Dibromochloromethane
Concen: 0.195 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion:129	Resp:	833	
Ion	Ratio	Lower	Upper
129	100		
127	67.1	53.5	99.5





#50

1,2-Dibromoethane

Concen: 0.225 ug/L

RT: 8.301 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV033869.D

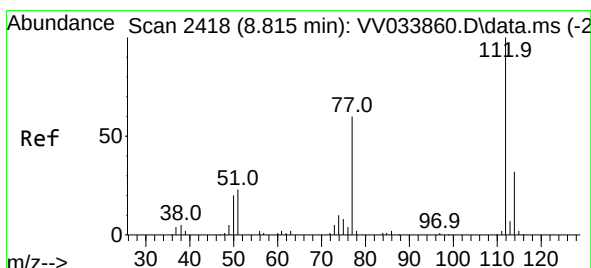
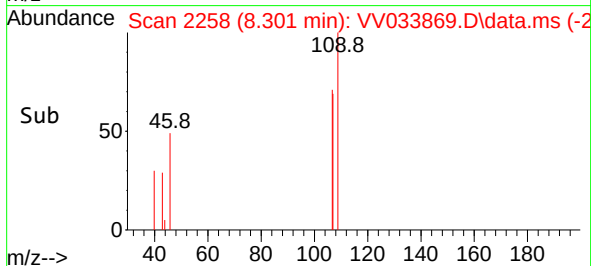
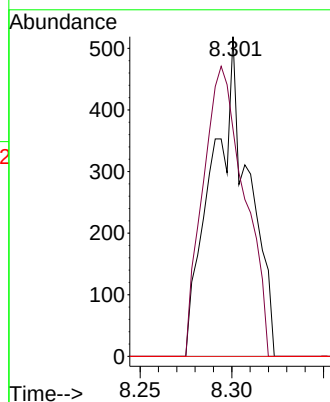
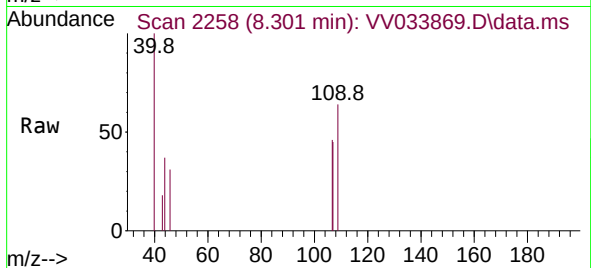
Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	725
Ion	Ratio	Lower	Upper
107	100		
109	71.1	64.5	119.9
188	0.0	2.6	4.0#



#51

Chlorobenzene

Concen: 0.228 ug/L

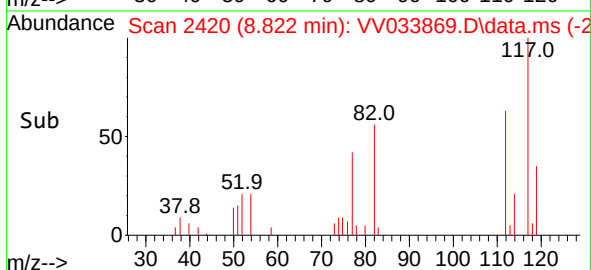
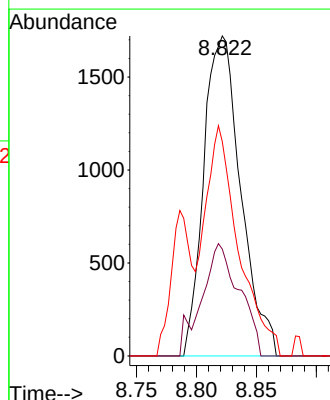
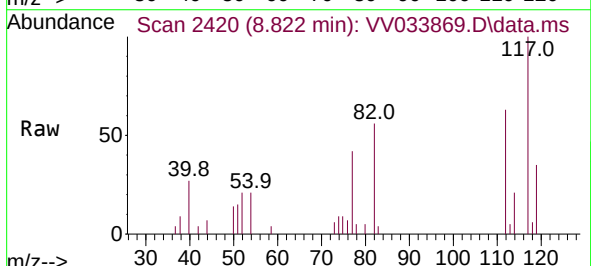
RT: 8.822 min Scan# 2420

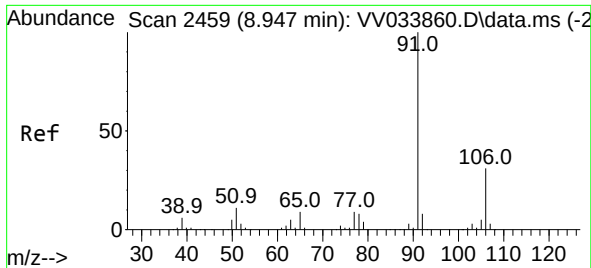
Delta R.T. 0.006 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Tgt Ion:	112	Resp:	3703
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.5	41.7
77	67.0	48.1	72.1

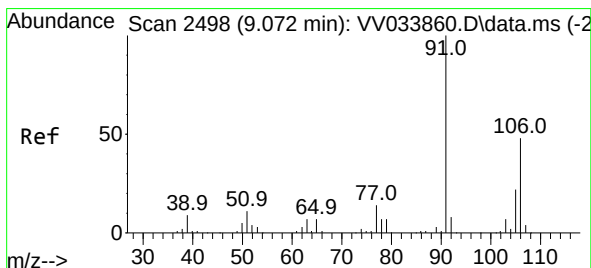
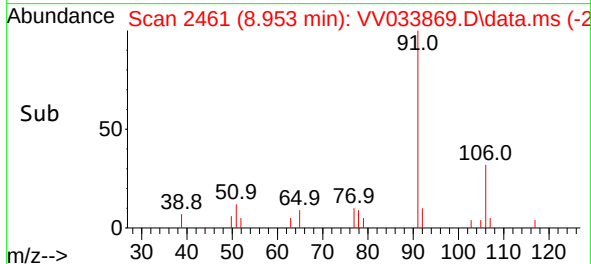
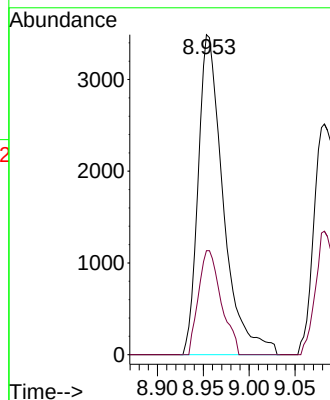
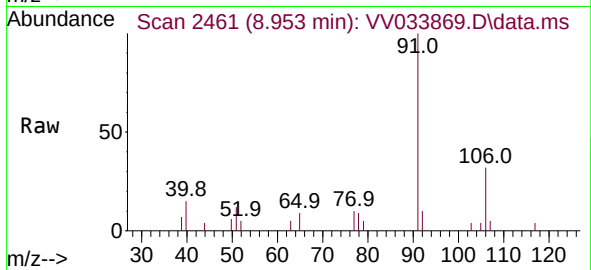




#52
Ethylbenzene
Concen: 0.225 ug/L
RT: 8.953 min Scan# 2459
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

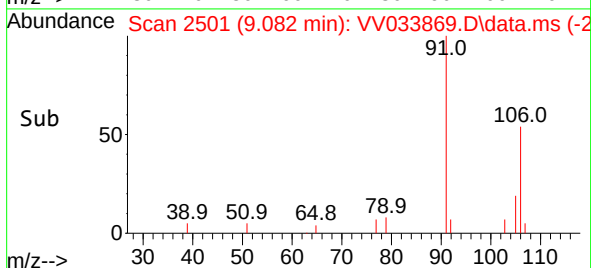
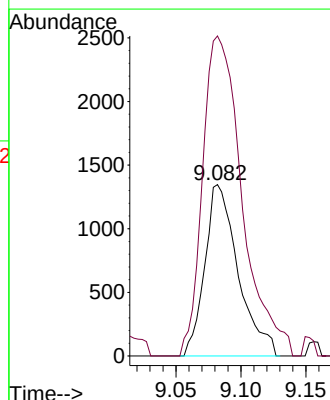
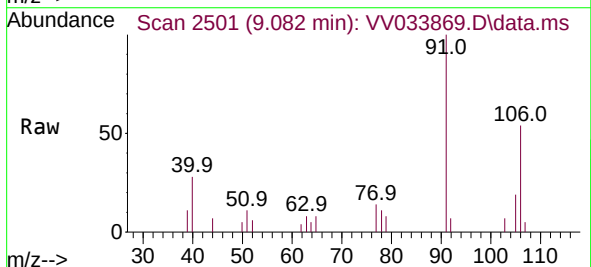
Instrument :
MSVOA_V
ClientSampleId :

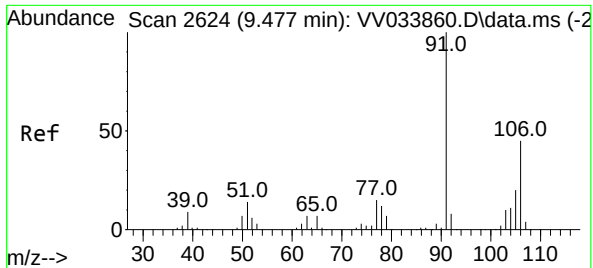
Tgt Ion: 91 Resp: 6650
Ion Ratio Lower Upper
91 100
106 32.5 21.4 39.8



#53
m,p-Xylene
Concen: 0.215 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion: 106 Resp: 2403
Ion Ratio Lower Upper
106 100
91 186.7 147.5 273.9

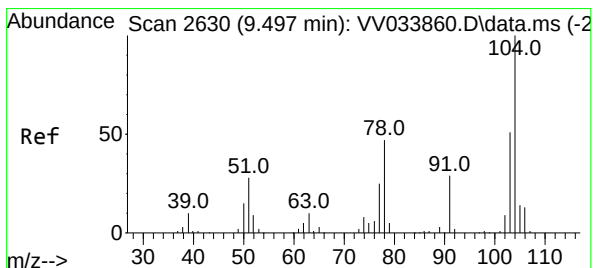
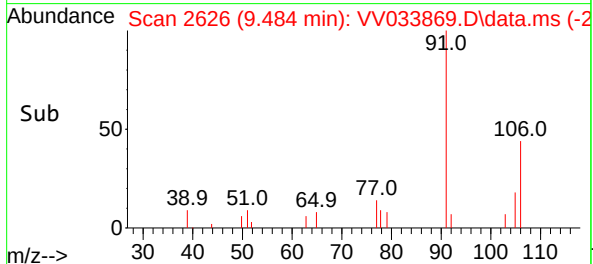
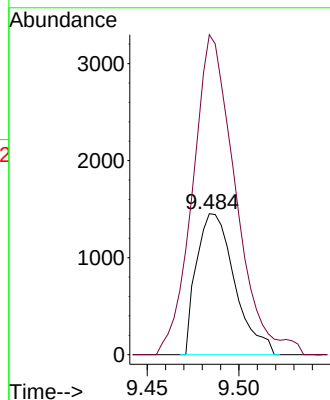
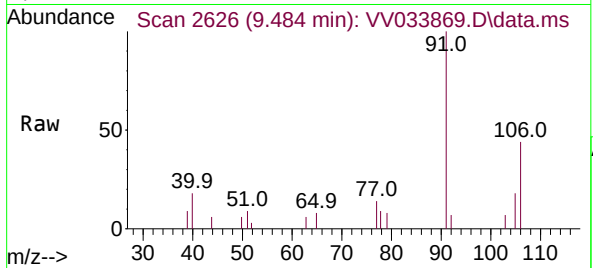




#54
o-Xylene
Concen: 0.195 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

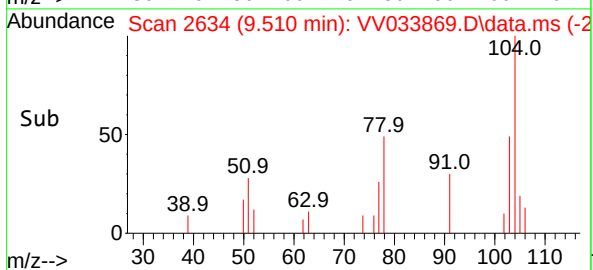
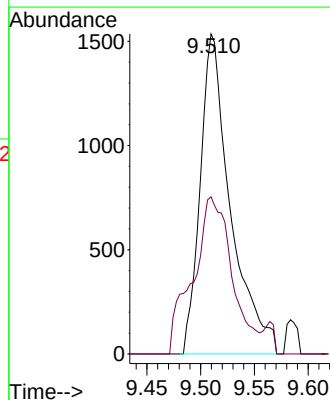
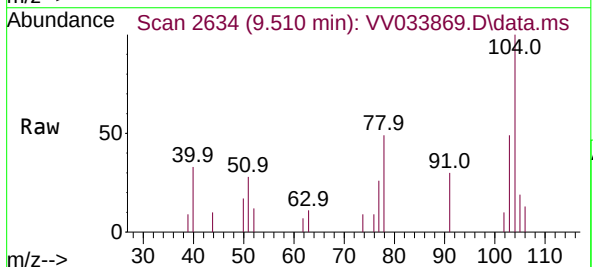
Instrument :
MSVOA_V
ClientSampleId :

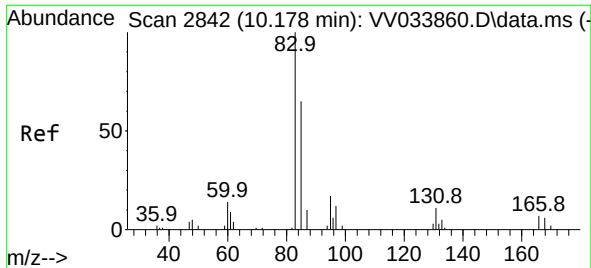
Tgt Ion:106 Resp: 2102
Ion Ratio Lower Upper
106 100
91 227.1 156.2 290.0



#55
Styrene
Concen: 0.174 ug/L
RT: 9.510 min Scan# 2634
Delta R.T. 0.013 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion:104 Resp: 3004
Ion Ratio Lower Upper
104 100
78 49.1 32.9 61.1





#57

1,1,2-Tetrachloroethane

Concen: 0.300 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.006 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

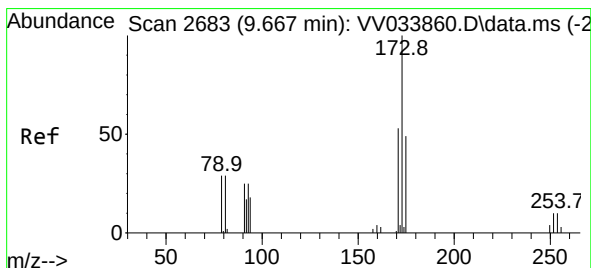
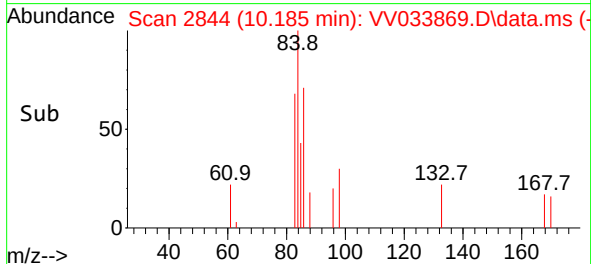
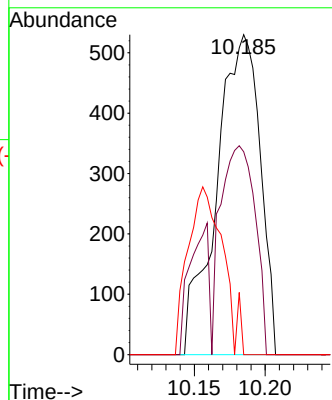
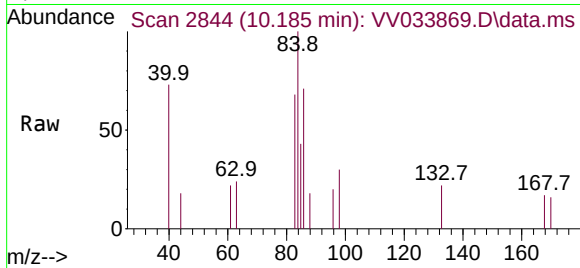
Tgt Ion: 83 Resp: 1138

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.3

131 0.0 8.4 12.6#



#59

Bromoform

Concen: 0.132 ug/L

RT: 9.683 min Scan# 2688

Delta R.T. 0.016 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

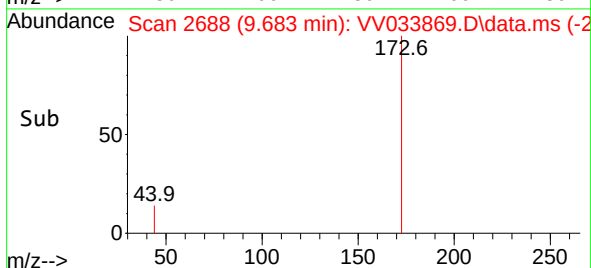
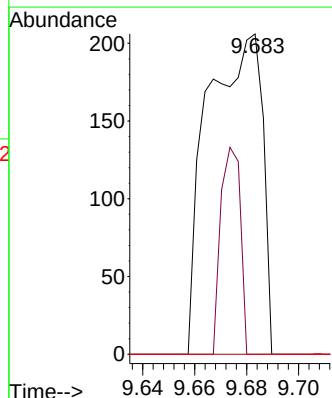
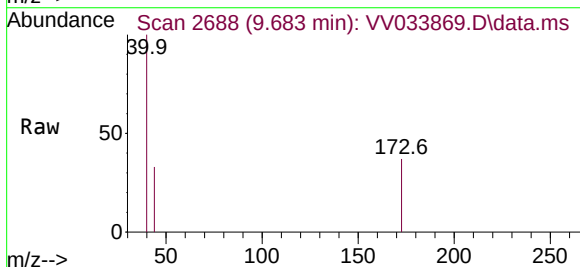
Tgt Ion: 173 Resp: 300

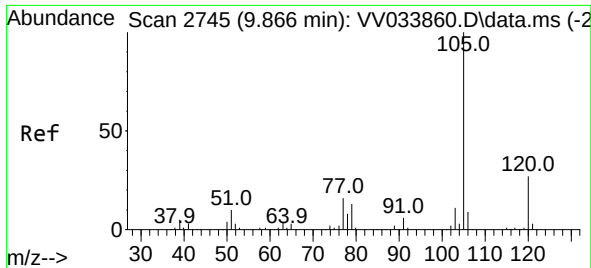
Ion Ratio Lower Upper

173 100

175 23.3 38.6 57.8#

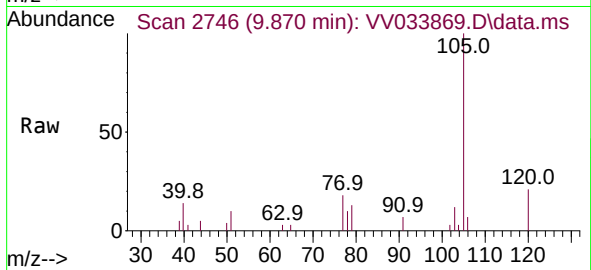
254 0.0 7.2 10.8#



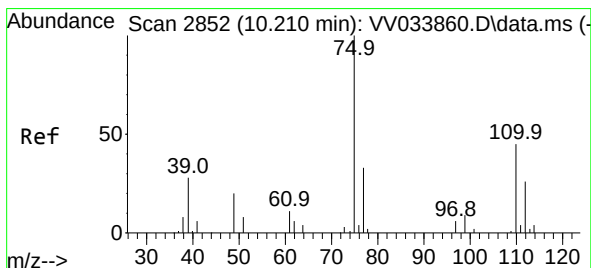
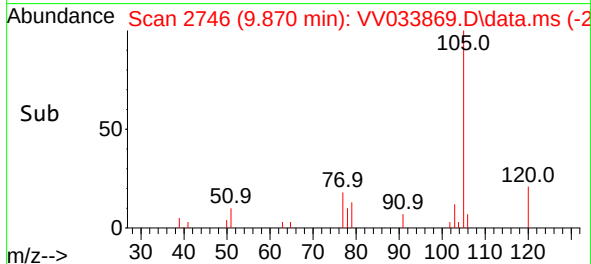
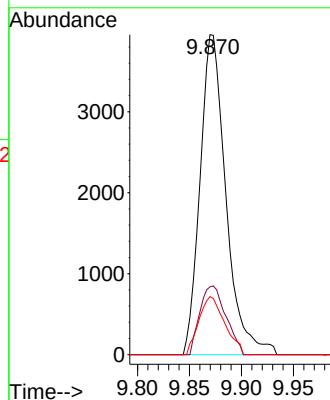


#60
Isopropylbenzene
Concen: 0.224 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

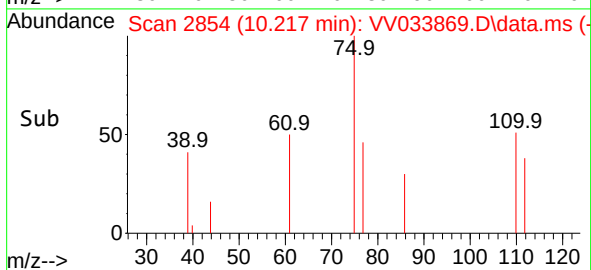
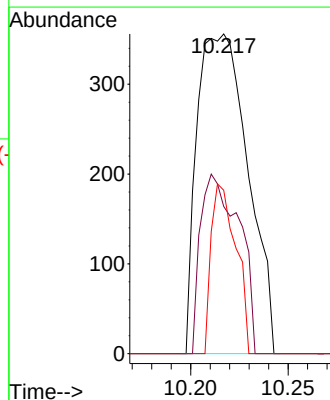
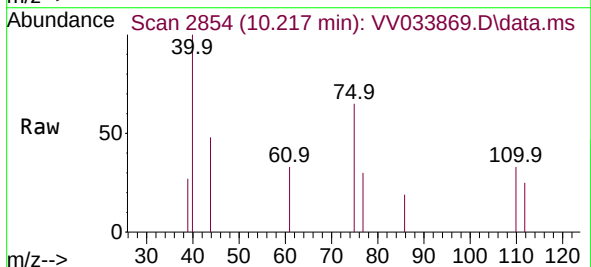


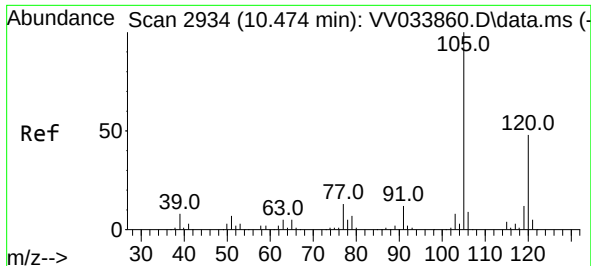
Tgt Ion:105 Resp: 6848
Ion Ratio Lower Upper
105 100
120 21.6 20.7 31.1
77 18.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.227 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion: 75 Resp: 645
Ion Ratio Lower Upper
75 100
77 42.6 26.9 40.3#
110 25.9 33.3 49.9#

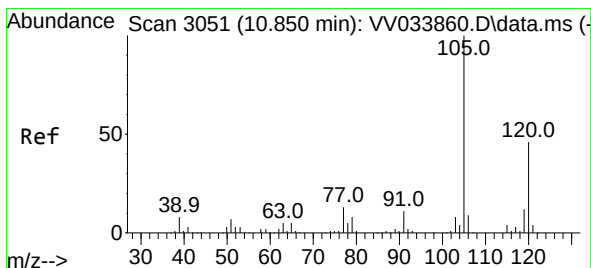
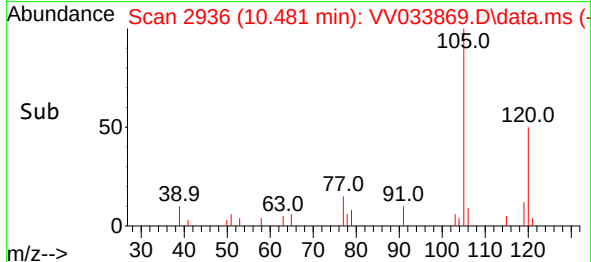
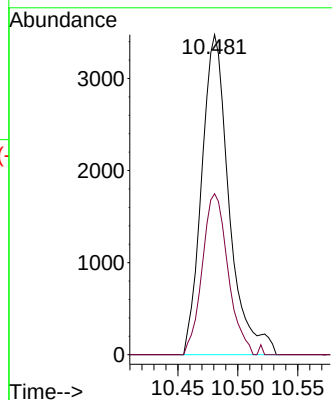
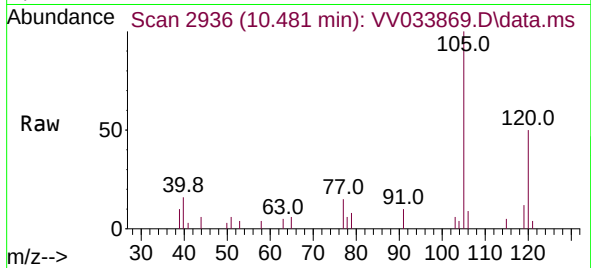




#62
1,3,5-Trimethylbenzene
Concen: 0.213 ug/L
RT: 10.481 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

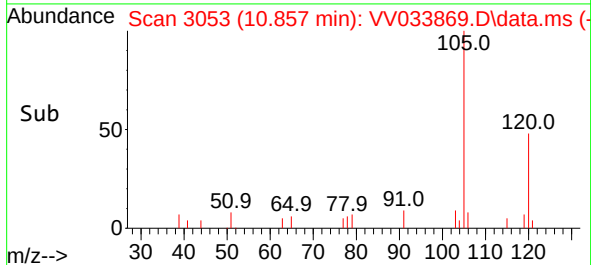
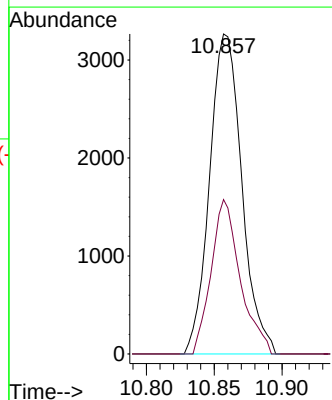
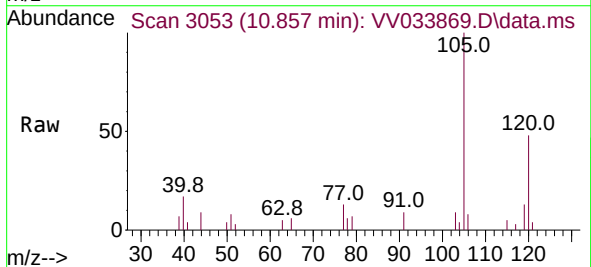
Instrument :
MSVOA_V
ClientSampleId :

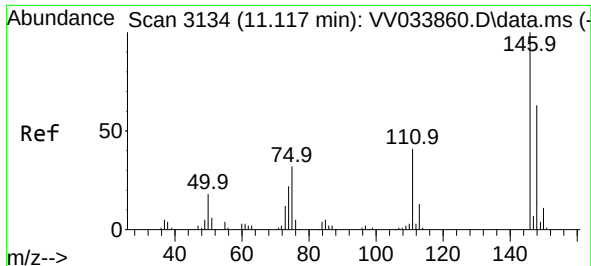
Tgt Ion:105 Resp: 5515
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 0.215 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion:105 Resp: 5396
Ion Ratio Lower Upper
105 100
120 43.6 36.2 54.2

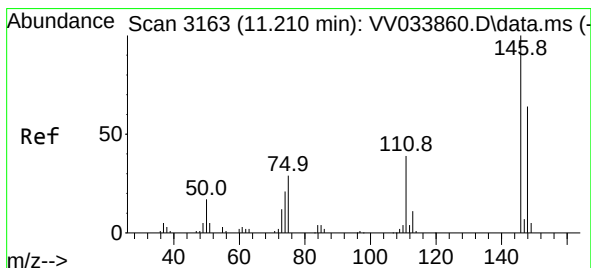
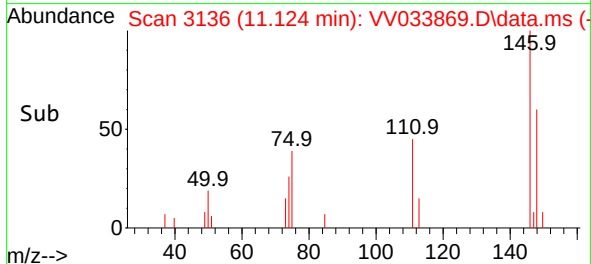
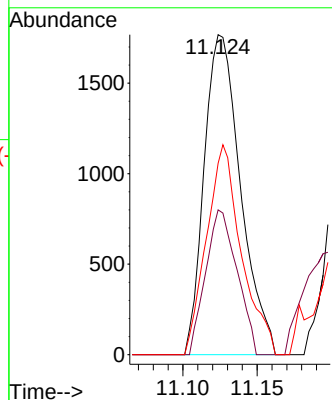
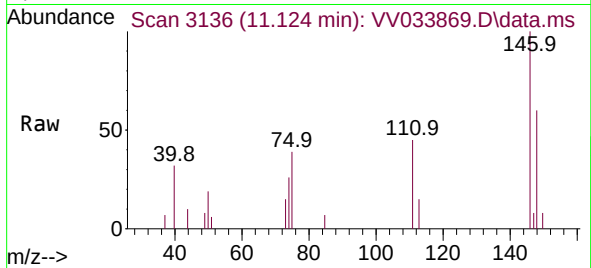




#64
1,3-Dichlorobenzene
Concen: 0.226 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

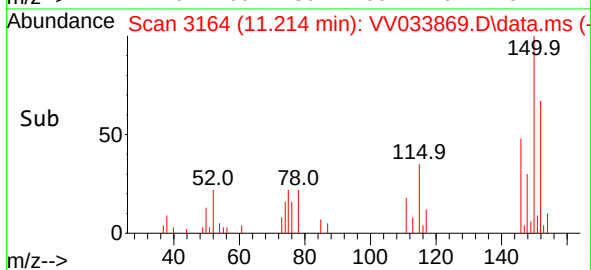
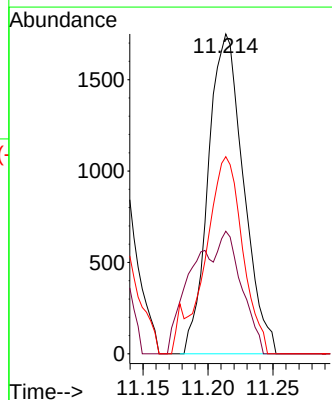
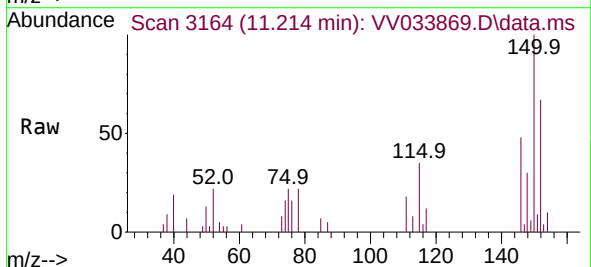
Instrument :
MSVOA_V
ClientSampleId :

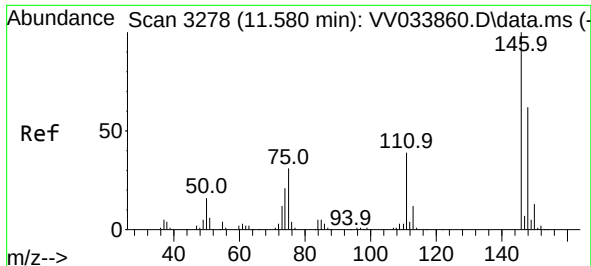
Tgt Ion:146 Resp: 3016
Ion Ratio Lower Upper
146 100
111 45.2 28.5 52.9
148 59.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.250 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033869.D
Acq: 25 Jan 2024 15:37

Tgt Ion:146 Resp: 3299
Ion Ratio Lower Upper
146 100
111 38.3 27.6 51.4
148 61.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.237 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

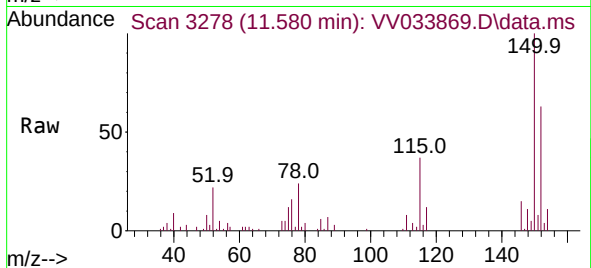
Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

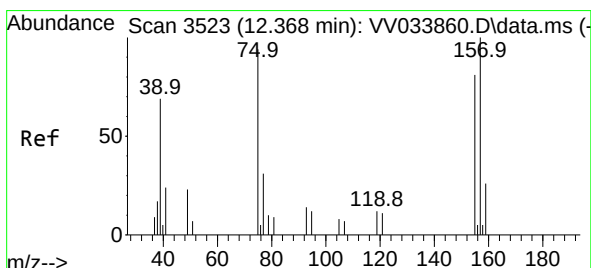
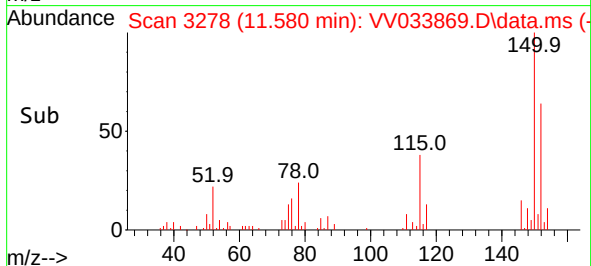
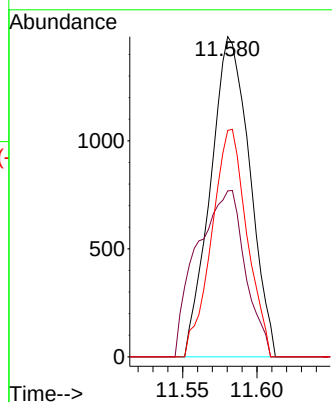
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	146	Resp:	2715
Ion	Ratio	Lower	Upper
146	100		
111	51.8	31.2	46.8#
148	70.7	49.8	74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.649 ug/L

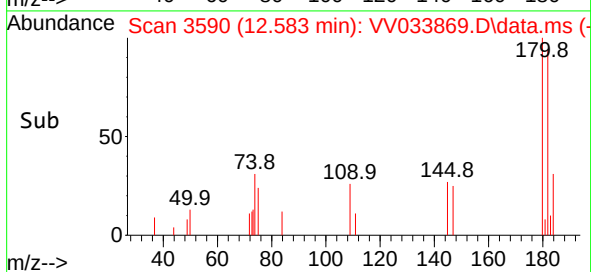
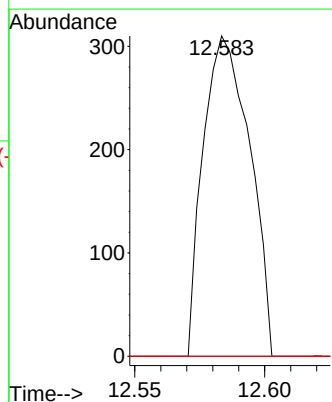
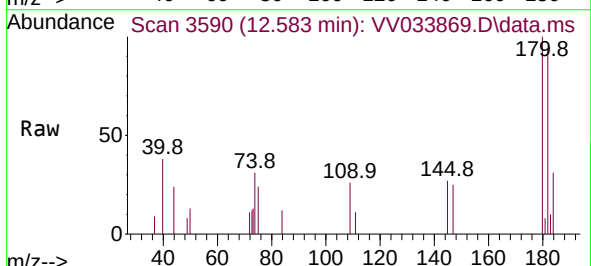
RT: 12.583 min Scan# 3590

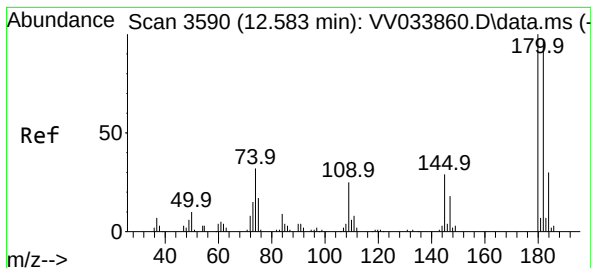
Delta R.T. 0.215 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Tgt Ion:	75	Resp:	386
Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.9	103.3#
157	0.0	84.6	127.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.220 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.003 min

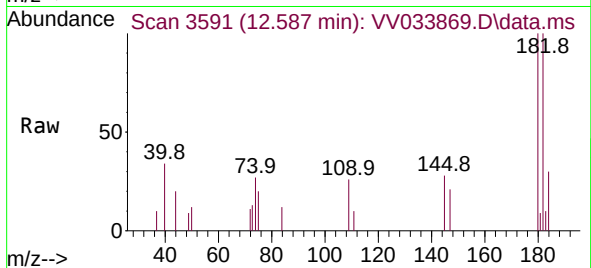
Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2269

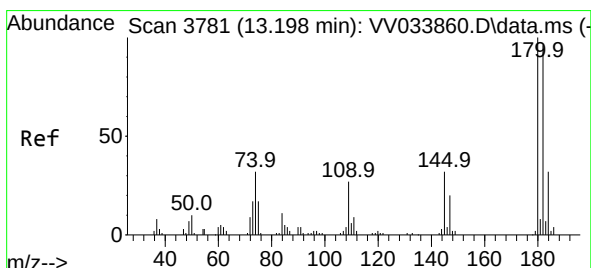
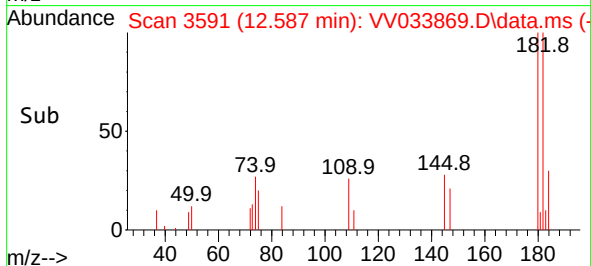
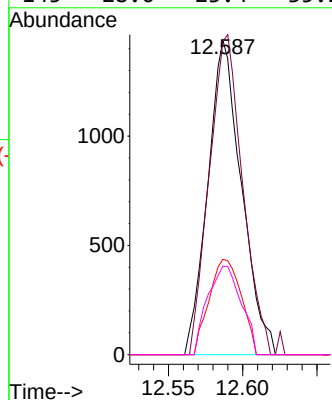
Ion Ratio Lower Upper

180 100

182 100.2 77.0 115.4

184 28.9 23.8 35.6

145 28.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.229 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

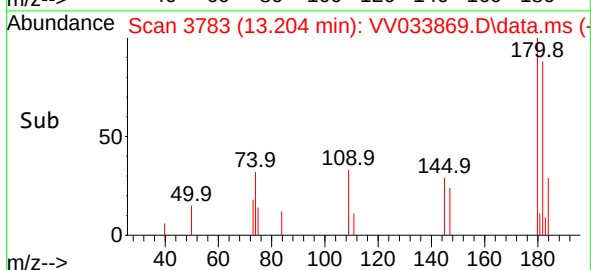
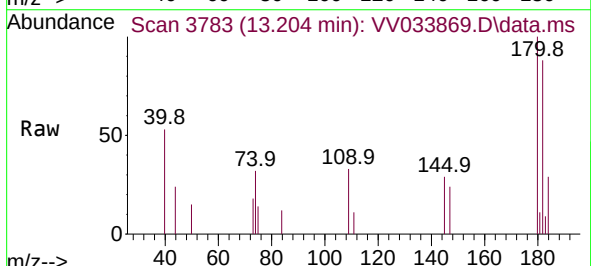
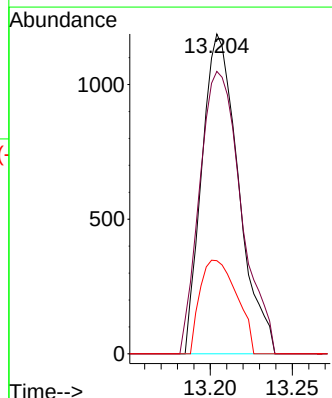
Tgt Ion:180 Resp: 1840

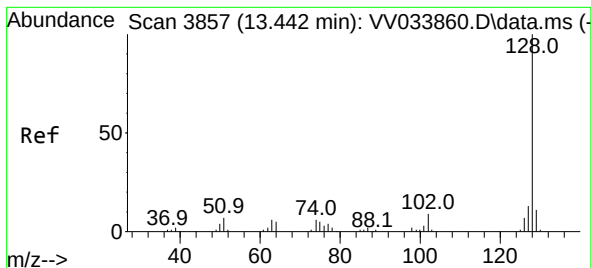
Ion Ratio Lower Upper

180 100

182 100.2 76.8 115.2

145 29.4 24.8 37.2





#71

Naphthalene

Concen: 0.285 ug/L

RT: 13.448 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV033869.D

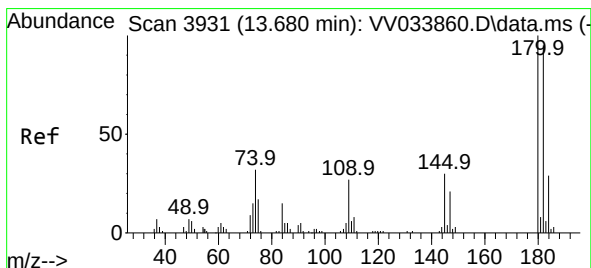
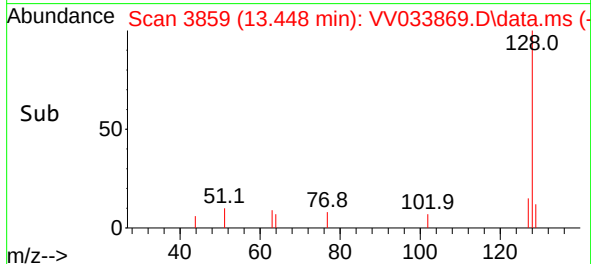
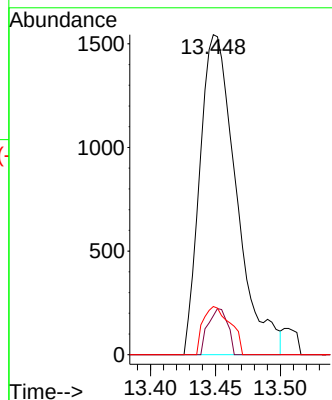
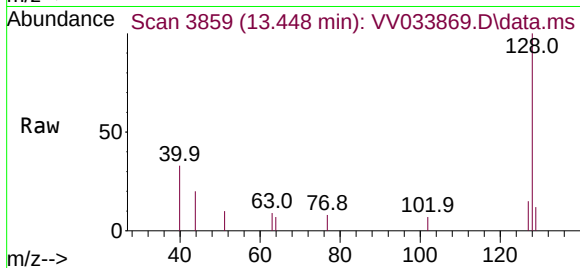
Acq: 25 Jan 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	3010
Ion	Ratio	Lower Upper
128	100	
129	7.7	8.5 12.7#
127	11.3	10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.225 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.006 min

Lab File: VV033869.D

Acq: 25 Jan 2024 15:37

Tgt Ion:180	Resp:	1449
Ion	Ratio	Lower Upper
180	100	
182	107.5	75.0 112.6
145	33.1	25.2 37.8

