

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034776.D
 Acq On : 21 Mar 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 01:54:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	358040	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337217	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	165518	53.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.660%
7) Chloroethane-d5	1.532	69	126476	52.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.059	65	61528	43.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.660%
21) 2-Butanone-d5	3.789	46	186424	89.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.810%
24) Chloroform-d	4.246	84	269999	49.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.937	65	177170	49.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	4.956	84	526676	51.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
36) 1,2-Dichloropropane-d6	5.985	67	155439	50.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.100%
41) Toluene-d8	7.239	98	485852	52.753	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.500%
43) trans-1,3-Dichloroprop...	7.551	79	79598	51.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
47) 2-Hexanone-d5	8.024	63	112608	72.605	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.610%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	199431	48.792	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.580%
66) 1,2-Dichlorobenzene-d4	11.557	152	181204	49.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	166660	44.377	ug/L	100
3) Chloromethane	1.217	50	149210	40.433	ug/L	100
5) Vinyl chloride	1.285	62	156716	43.749	ug/L	98
6) Bromomethane	1.490	94	96040	44.685	ug/L	99
8) Chloroethane	1.548	64	99879	46.910	ug/L	98
9) Trichlorofluoromethane	1.712	101	248481	46.320	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	126774	43.848	ug/L	99
12) 1,1-Dichloroethene	2.069	96	109290	40.765	ug/L	93
13) Acetone	2.124	43	217134	87.018	ug/L	98
14) Carbon disulfide	2.240	76	302772	40.692	ug/L	99
15) Methyl Acetate	2.375	43	162807	51.000	ug/L	98
16) Methylene chloride	2.445	84	146170	51.399	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	126866	48.890	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	505597	54.256	ug/L	99
19) 1,1-Dichloroethane	3.111	63	271186	53.349	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	149464	53.087	ug/L	95
22) 2-Butanone	3.870	43	263854	107.082	ug/L	97
23) Bromochloromethane	4.146	128	76200	52.340	ug/L	98
25) Chloroform	4.272	83	274897	52.175	ug/L	100

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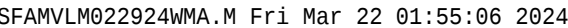
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 ClientSampleId :

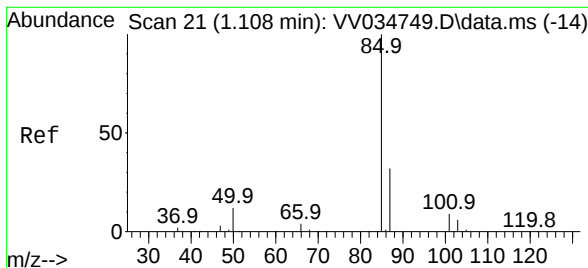
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	218510	51.046	ug/L	99
29) Cyclohexane	4.580	56	199405	44.957	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	244730	50.610	ug/L	99
31) Carbon tetrachloride	4.731	117	214195	50.031	ug/L	99
33) Benzene	5.008	78	535524	51.162	ug/L	100
34) Trichloroethene	5.828	95	147030	49.416	ug/L	98
35) Methylcyclohexane	6.046	83	215628	47.671	ug/L	98
37) 1,2-Dichloropropane	6.088	63	146478	53.451	ug/L	99
38) Bromodichloromethane	6.429	83	202480	52.528	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	236683	53.307	ug/L	96
40) 4-Methyl-2-pentanone	7.152	43	419656	103.852	ug/L	99
42) Toluene	7.313	91	573393	51.760	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	224403	52.550	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	148499	56.162	ug/L	98
46) Tetrachloroethene	7.902	164	111291	50.295	ug/L	98
48) 2-Hexanone	8.072	43	365297	113.447	ug/L	97
49) Dibromochloromethane	8.172	129	153251	54.923	ug/L	98
50) 1,2-Dibromoethane	8.278	107	146838	52.333	ug/L	99
51) Chlorobenzene	8.812	112	376070	52.512	ug/L	99
52) Ethylbenzene	8.943	91	653026	52.609	ug/L	100
53) m,p-Xylene	9.069	106	245329	52.083	ug/L	100
54) o-Xylene	9.477	106	244066	52.915	ug/L	99
55) Styrene	9.493	104	423054	54.172	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	217229	54.699	ug/L	97
59) Bromoform	9.660	173	108850	54.817	ug/L	100
60) Isopropylbenzene	9.863	105	676758	53.427	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	177233	51.840	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	565703	52.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	566843	53.637	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	314470	53.694	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	313777	52.758	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	315772	53.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49442	48.548	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	229283	52.185	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	199984	50.585	ug/L	100
71) Naphthalene	13.435	128	426475	40.328	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	192469	49.905	ug/L	99

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

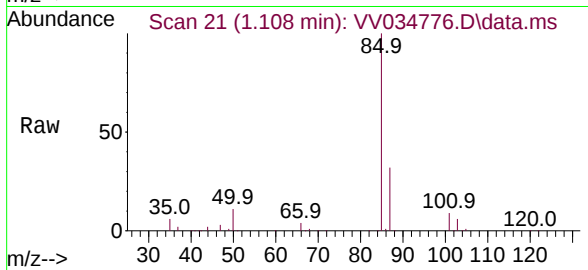
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Quant Title : VOC Analysis
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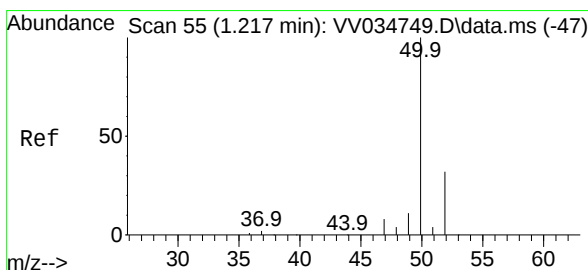
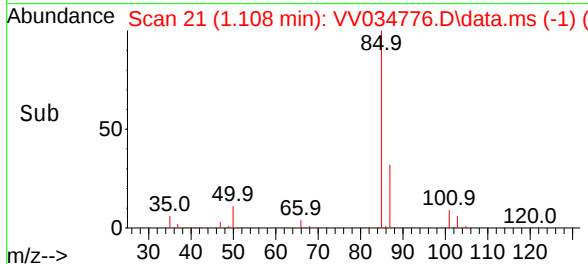
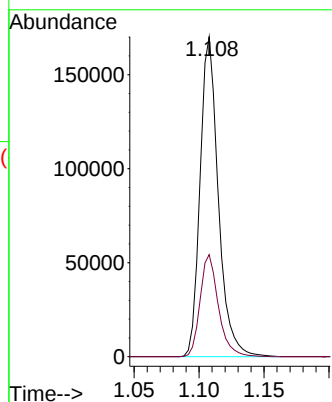


#2
 Dichlorodifluoromethane
 Concen: 44.377 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034776.D
 Acq: 21 Mar 2024 09:25

Instrument :
 MSVOA_V
 ClientSampleId :

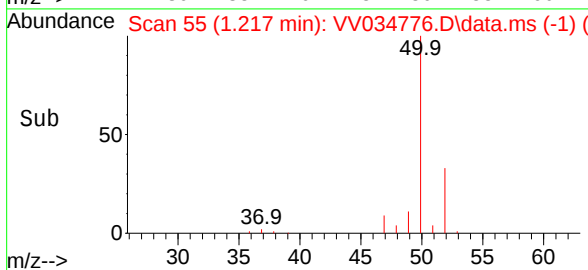
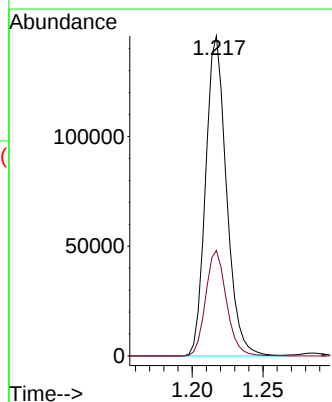
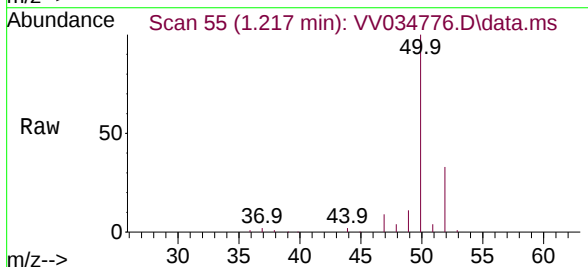


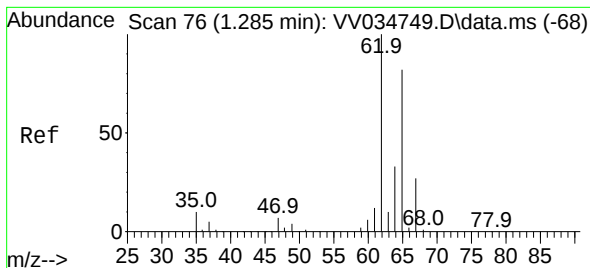
Tgt Ion: 85 Resp: 166660
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.5 38.3



#3
 Chloromethane
 Concen: 40.433 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034776.D
 Acq: 21 Mar 2024 09:25

Tgt Ion: 50 Resp: 149210
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8





#5

Vinyl chloride

Concen: 43.749 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

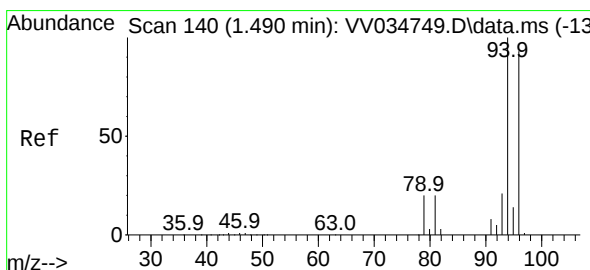
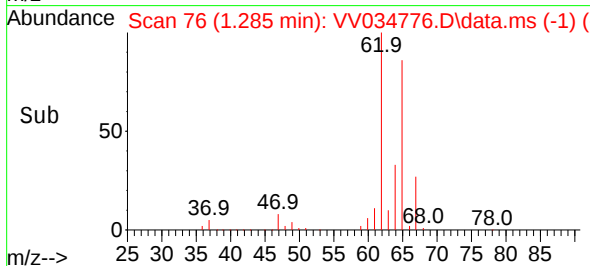
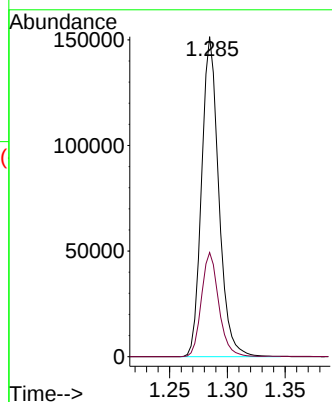
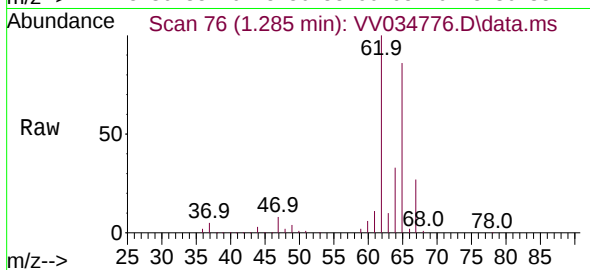
ClientSampleId :

Tgt Ion: 62 Resp: 156716

Ion Ratio Lower Upper

62 100

64 32.5 23.4 43.6



#6

Bromomethane

Concen: 44.685 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034776.D

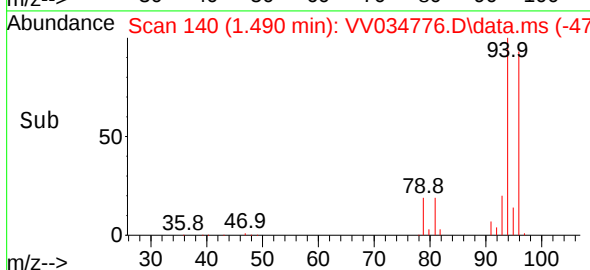
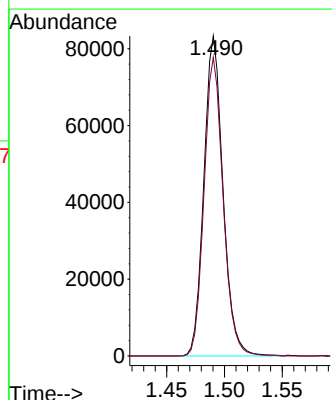
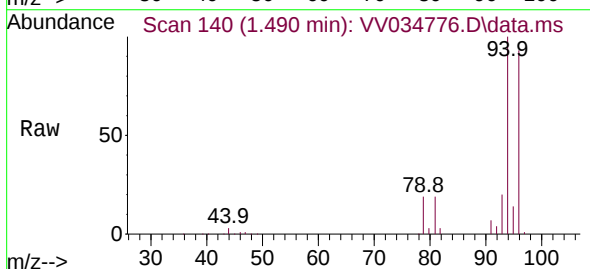
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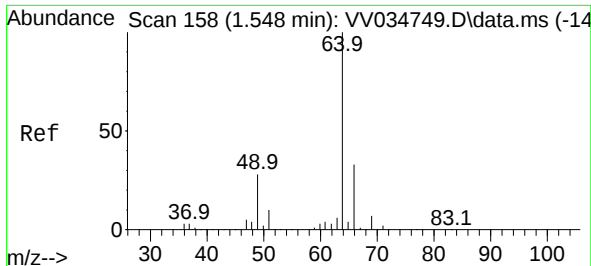
Tgt Ion: 94 Resp: 96040

Ion Ratio Lower Upper

94 100

96 93.3 66.0 122.6

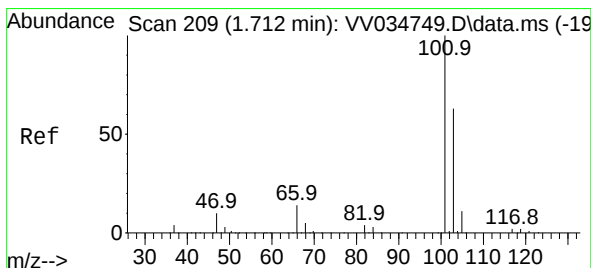
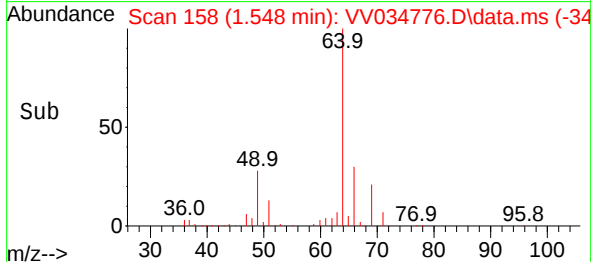
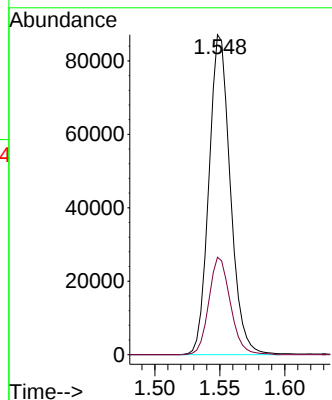
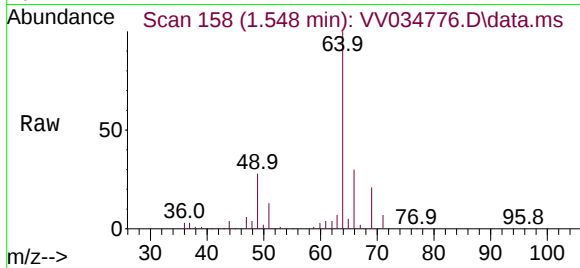




#8
Chloroethane
Concen: 46.910 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

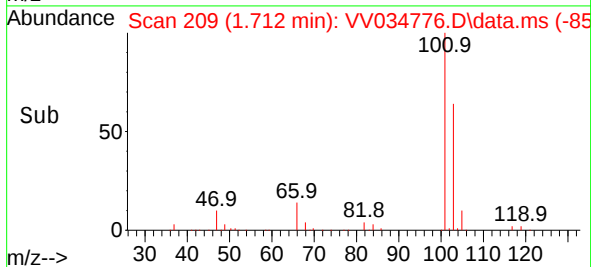
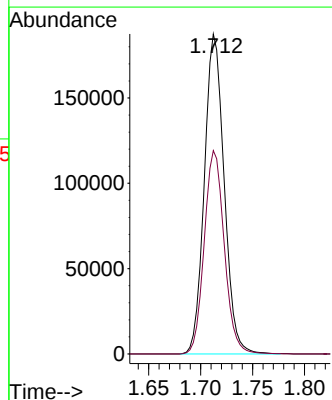
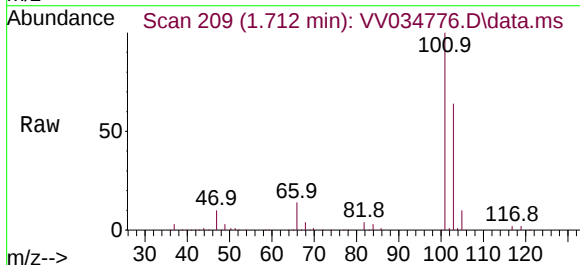
Instrument :
MSVOA_V
ClientSampleId :

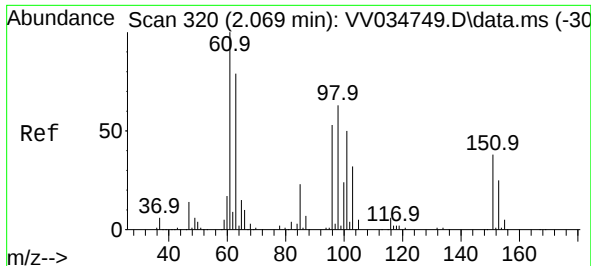
Tgt Ion: 64 Resp: 99879
Ion Ratio Lower Upper
64 100
66 30.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 46.320 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion:101 Resp: 248481
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8





#10

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

Concen: 43.848 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

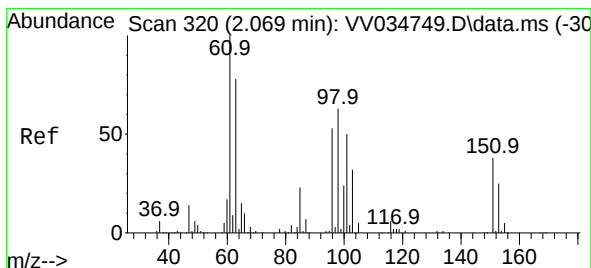
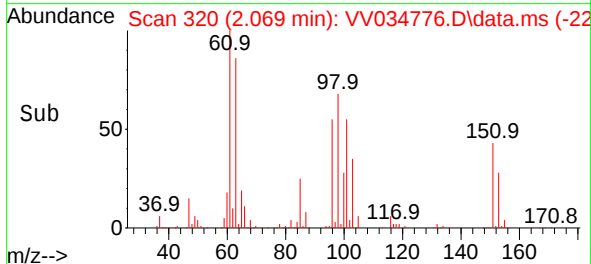
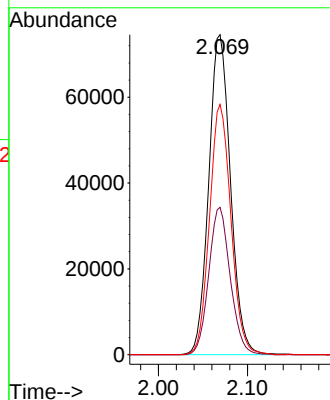
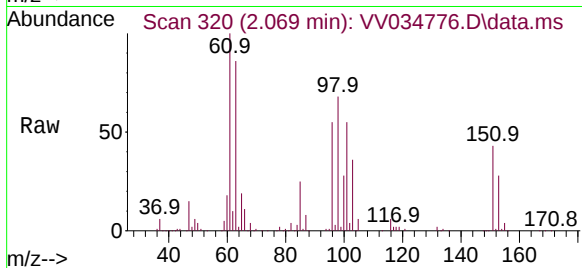
Tgt Ion:101 Resp: 126774

Ion Ratio Lower Upper

101 100

85 45.3 37.4 56.0

151 77.0 61.4 92.2



#12

1,1-Dichloroethene

Concen: 40.765 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

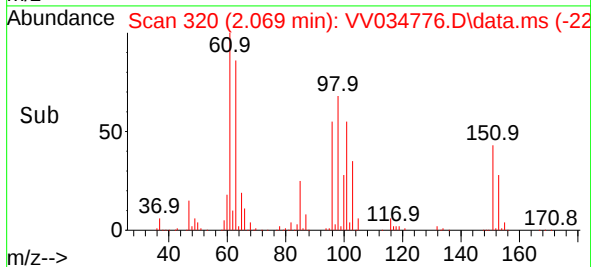
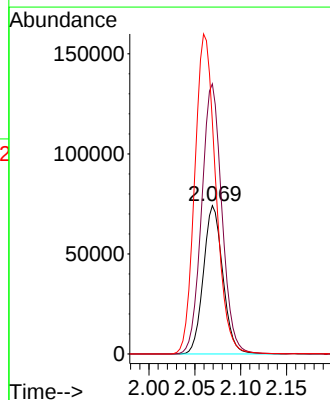
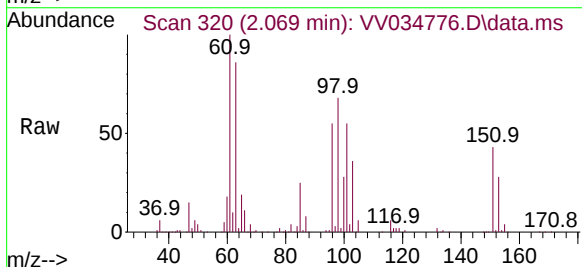
Tgt Ion: 96 Resp: 109290

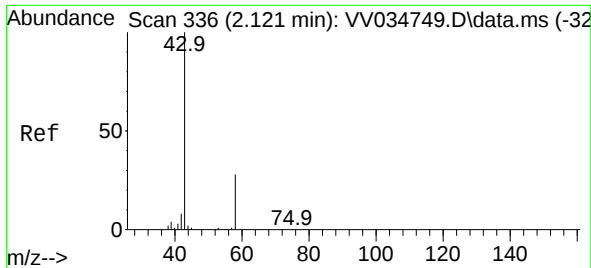
Ion Ratio Lower Upper

96 100

61 182.1 128.9 239.3

63 156.6 98.0 182.0





#13

Acetone

Concen: 87.018 ug/L

RT: 2.124 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

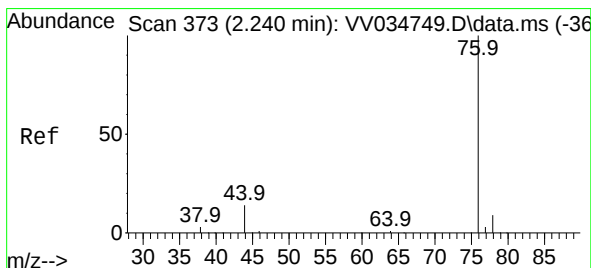
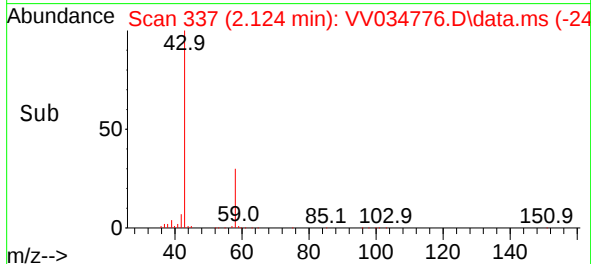
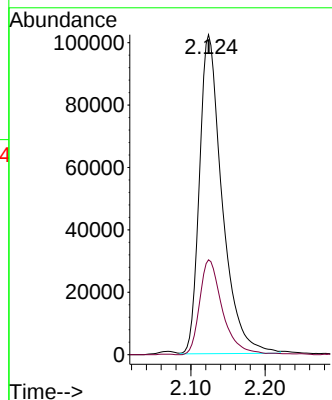
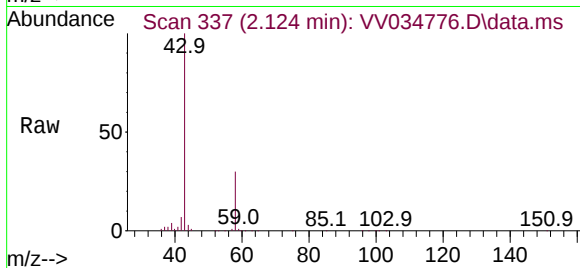
ClientSampleId :

Tgt Ion: 43 Resp: 217134

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.2



#14

Carbon disulfide

Concen: 40.692 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034776.D

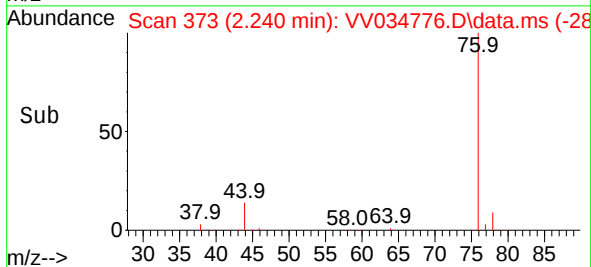
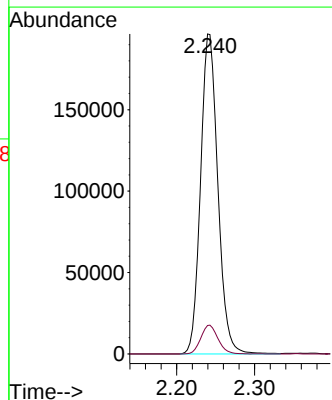
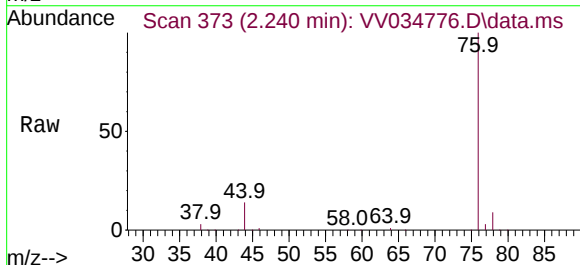
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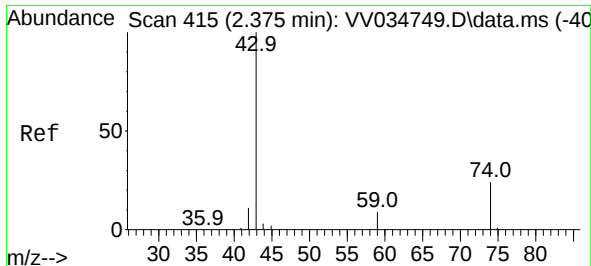
Tgt Ion: 76 Resp: 302772

Ion Ratio Lower Upper

76 100

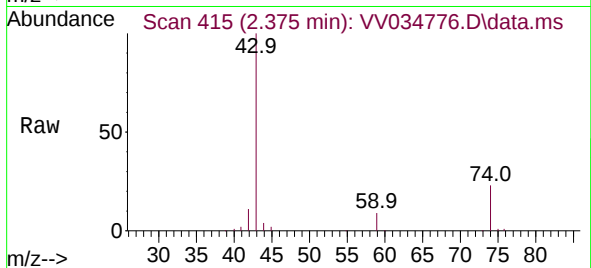
78 8.9 7.5 11.3



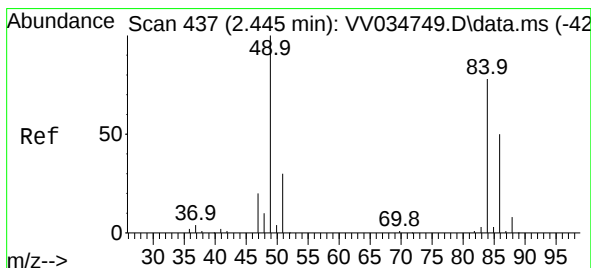
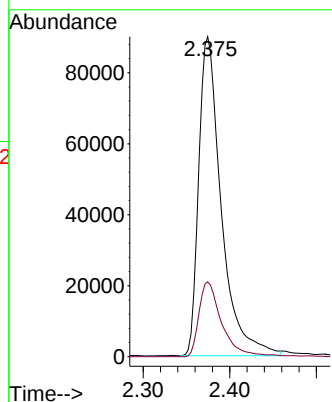
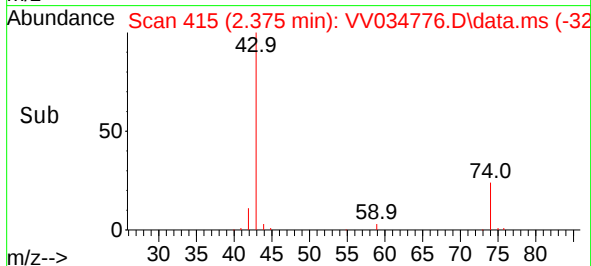


#15
Methyl Acetate
Concen: 51.000 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

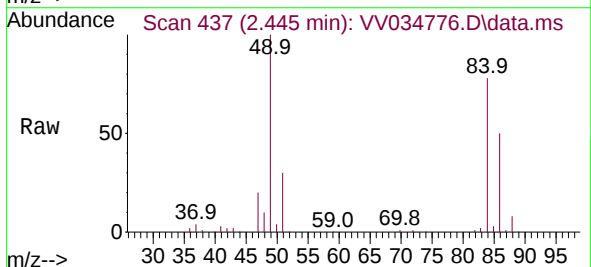
Instrument :
MSVOA_V
ClientSampleId :



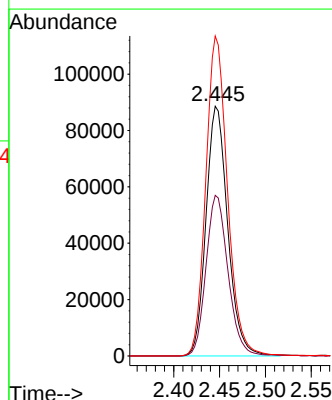
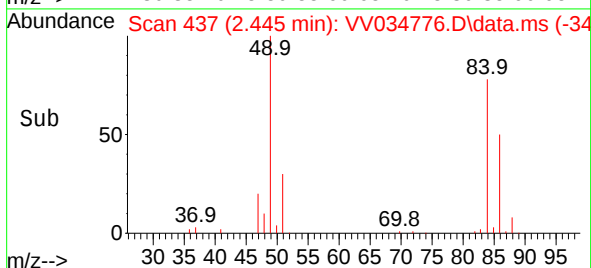
Tgt Ion: 43 Resp: 162807
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8

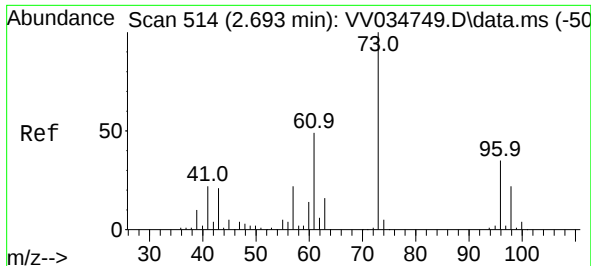


#16
Methylene chloride
Concen: 51.399 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25



Tgt Ion: 84 Resp: 146170
Ion Ratio Lower Upper
84 100
86 64.3 45.6 84.6
49 128.1 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 48.890 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

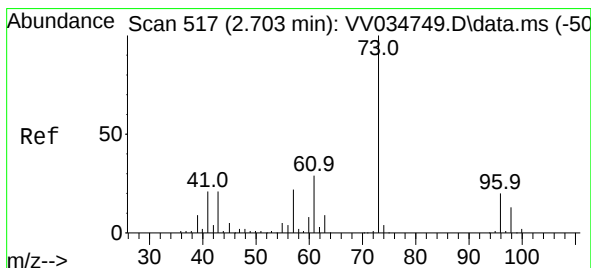
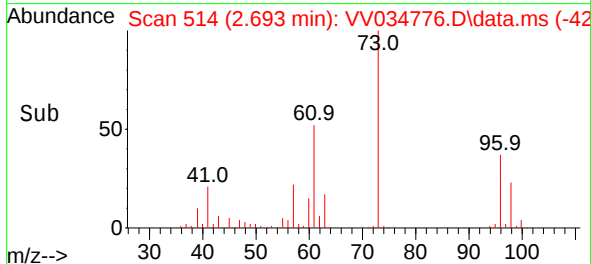
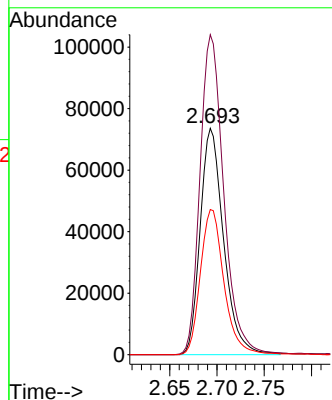
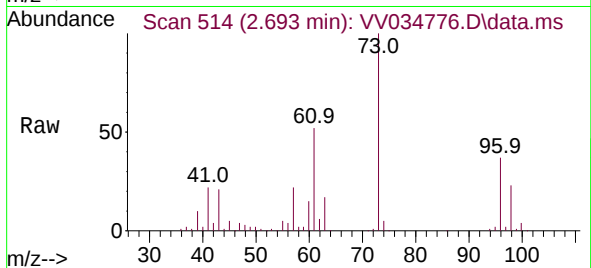
Tgt Ion: 96 Resp: 126866

Ion Ratio Lower Upper

96 100

61 141.3 98.8 183.4

98 64.1 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 54.256 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

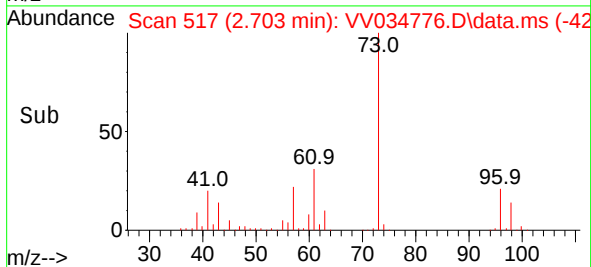
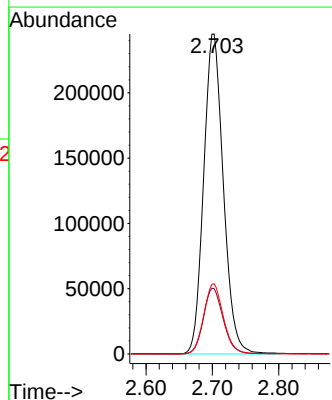
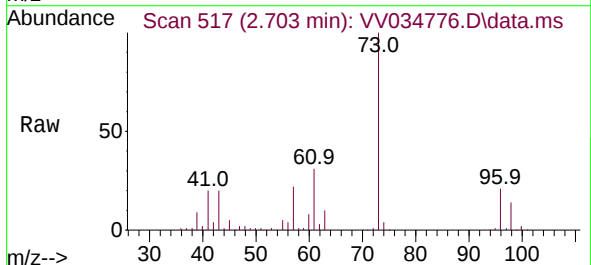
Tgt Ion: 73 Resp: 505597

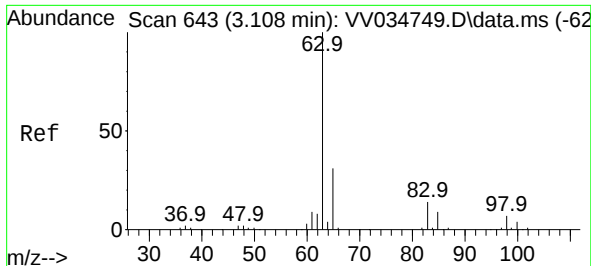
Ion Ratio Lower Upper

73 100

43 20.4 17.1 25.7

57 21.8 17.6 26.4

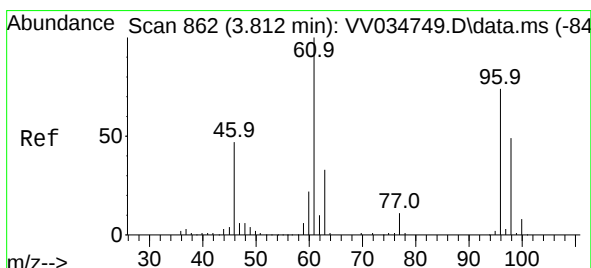
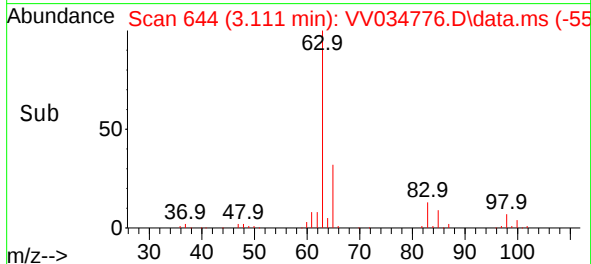
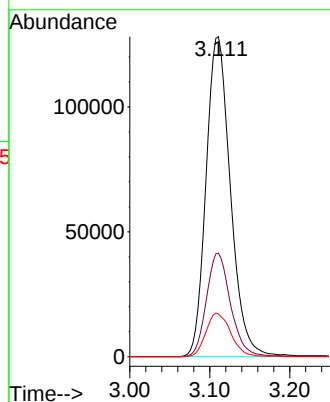
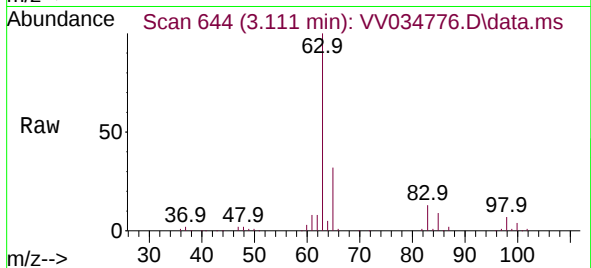




#19
1,1-Dichloroethane
Concen: 53.349 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

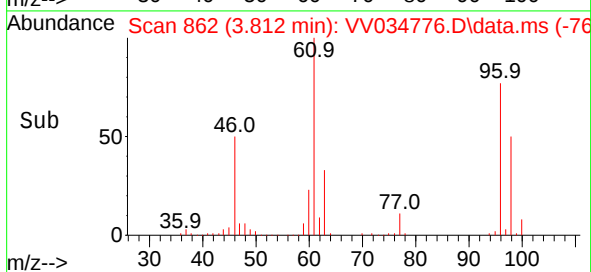
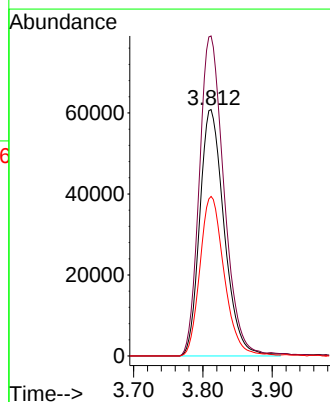
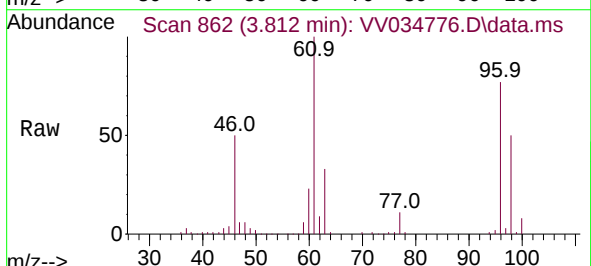
Instrument :
MSVOA_V
ClientSampleId :

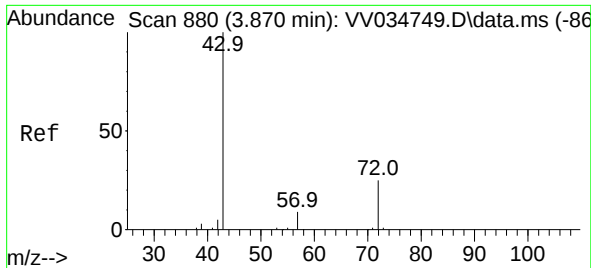
Tgt Ion: 63 Resp: 271186
Ion Ratio Lower Upper
63 100
65 32.4 22.1 41.1
83 13.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 53.087 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

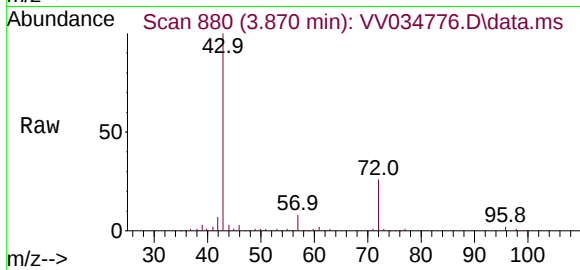
Tgt Ion: 96 Resp: 149464
Ion Ratio Lower Upper
96 100
61 129.9 96.0 178.4
98 64.8 46.0 85.4



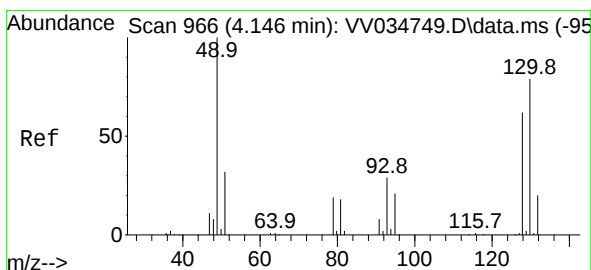
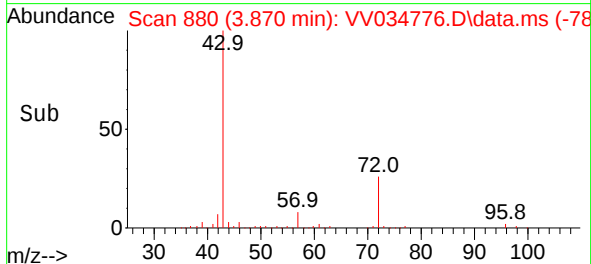
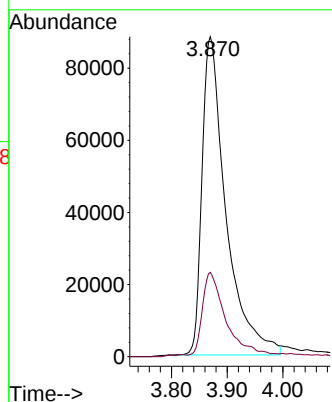


#22
2-Butanone
Concen: 107.082 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Instrument :
MSVOA_V
ClientSampleId :

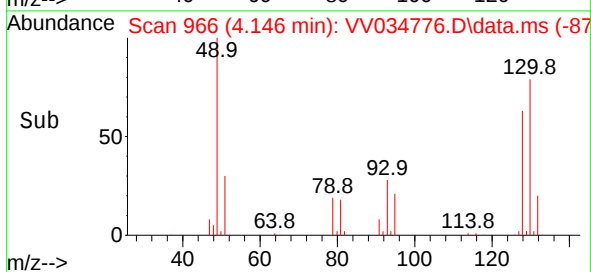
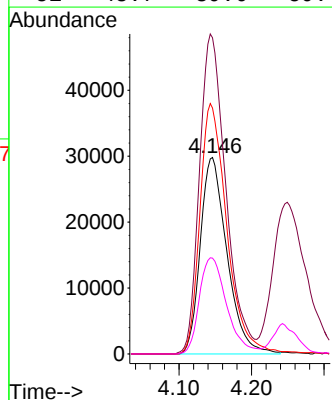
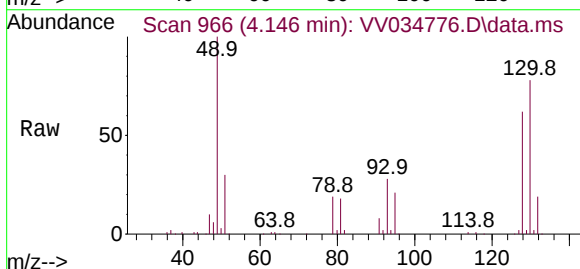


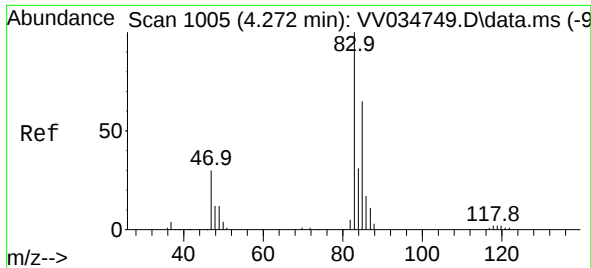
Tgt Ion: 43 Resp: 263854
Ion Ratio Lower Upper
43 100
72 24.3 11.5 34.4



#23
Bromochloromethane
Concen: 52.340 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion:128 Resp: 76200
Ion Ratio Lower Upper
128 100
49 160.8 109.4 203.2
130 125.1 87.7 162.9
51 48.7 39.6 59.4

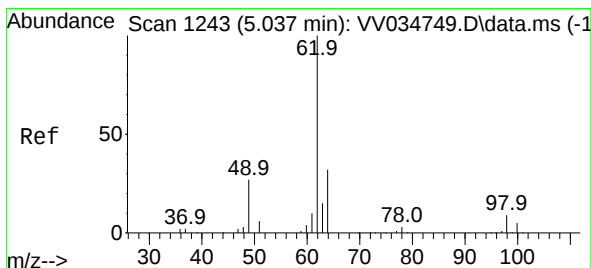
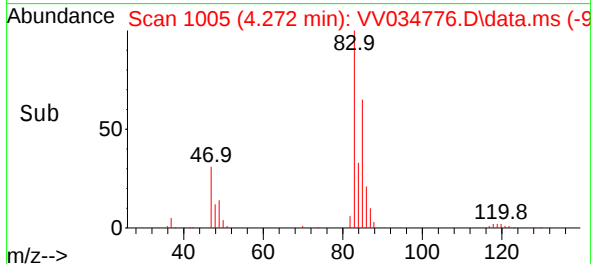
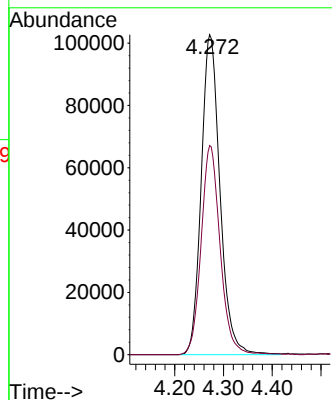
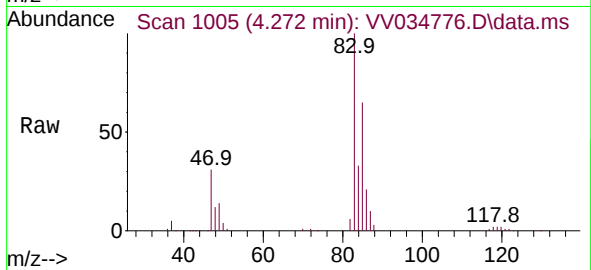




#25
Chloroform
Concen: 52.175 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

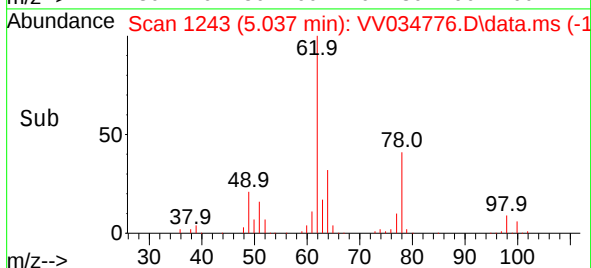
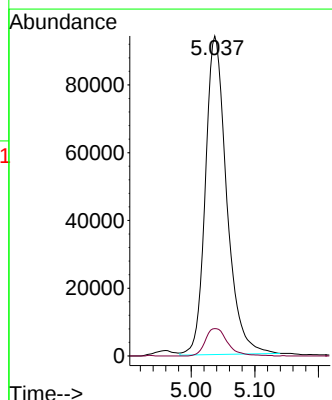
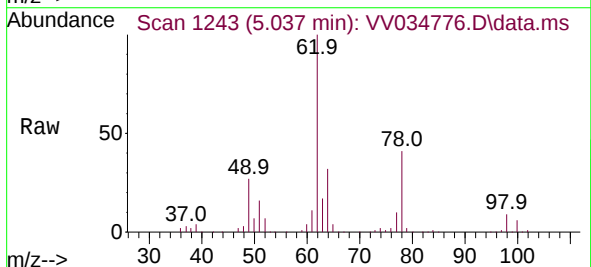
Instrument :
MSVOA_V
ClientSampleId :

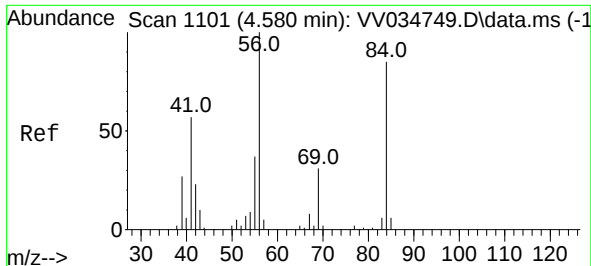
Tgt Ion: 83 Resp: 274897
Ion Ratio Lower Upper
83 100
85 65.4 45.5 84.5



#27
1,2-Dichloroethane
Concen: 51.046 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion: 62 Resp: 218510
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 44.957 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

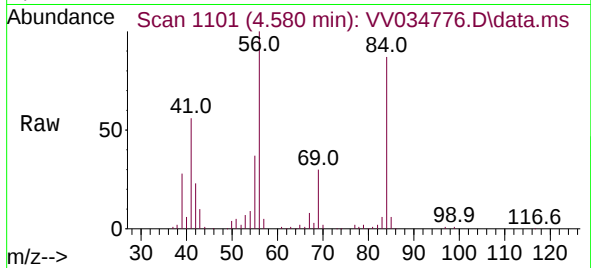
Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :



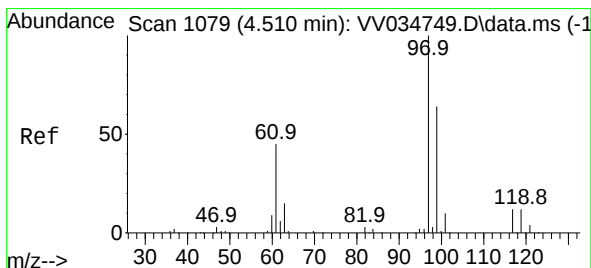
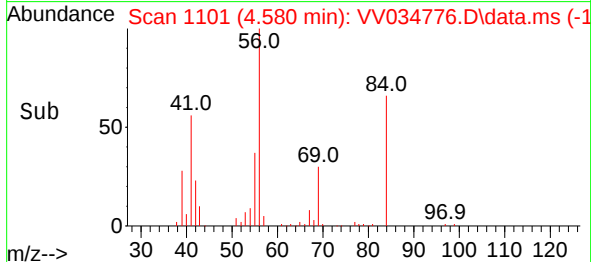
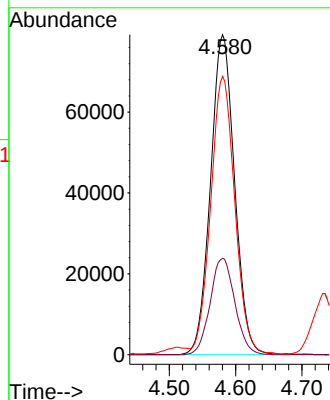
Tgt Ion: 56 Resp: 199405

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 85.9 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 50.610 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

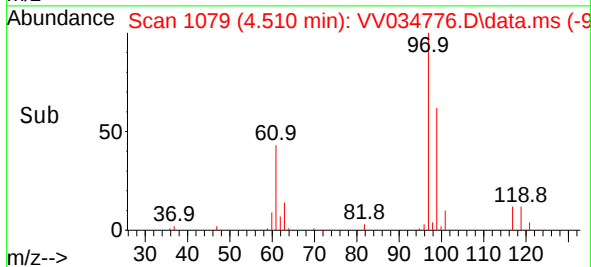
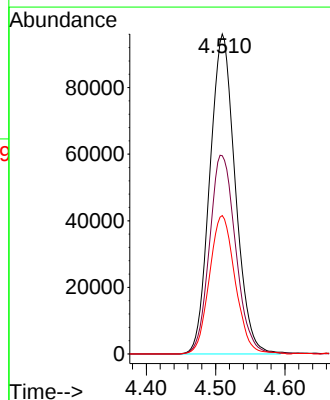
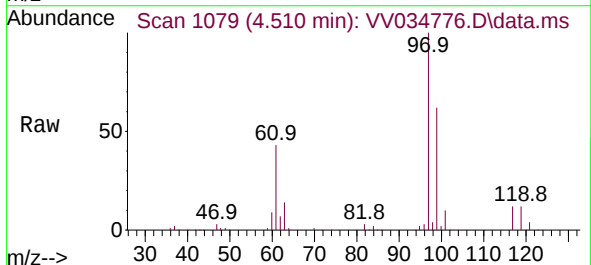
Tgt Ion: 97 Resp: 244730

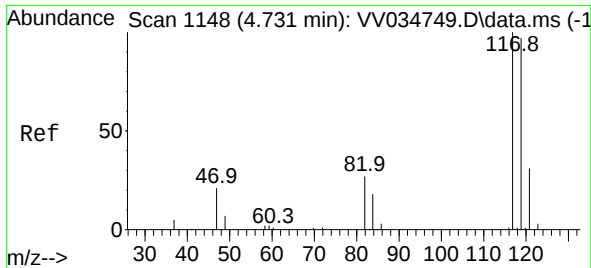
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 44.0 36.0 54.0

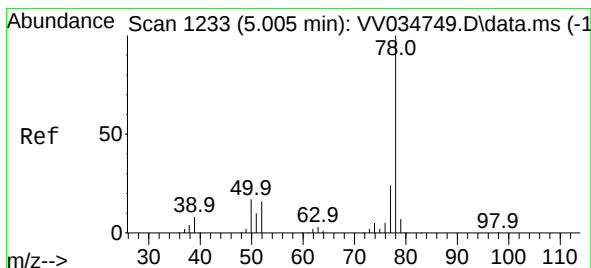
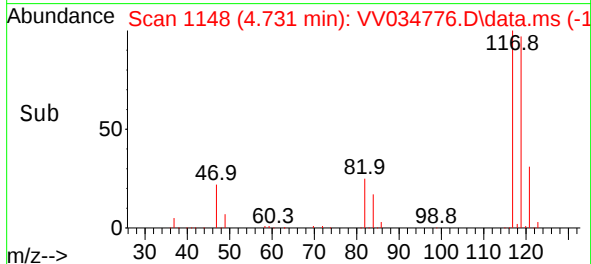
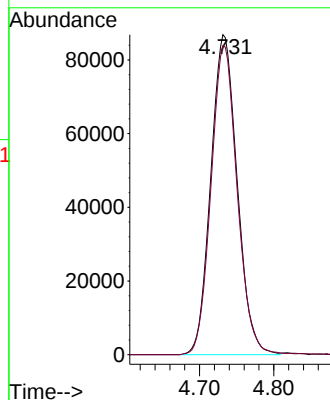
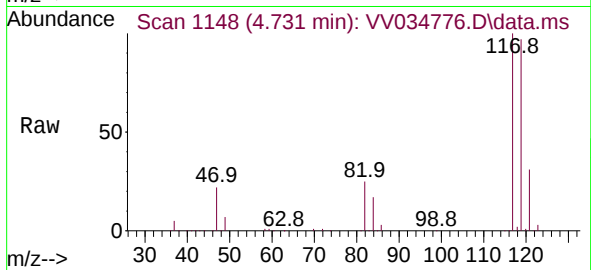




#31
Carbon tetrachloride
Concen: 50.031 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

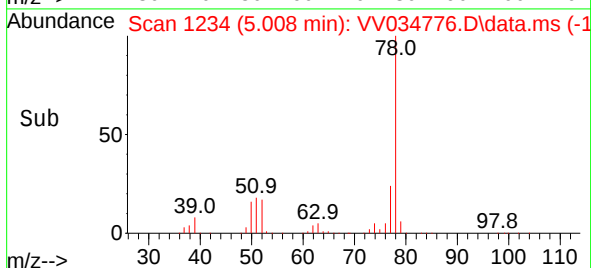
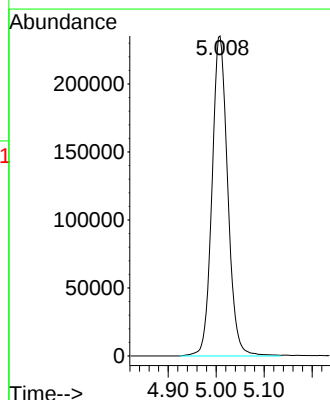
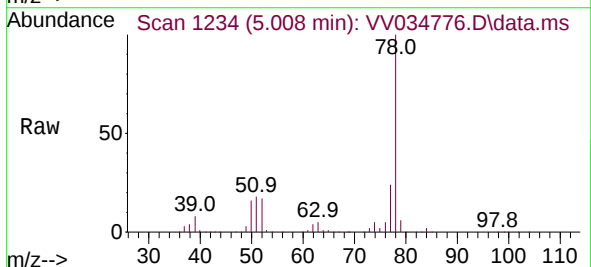
Instrument :
MSVOA_V
ClientSampleId :

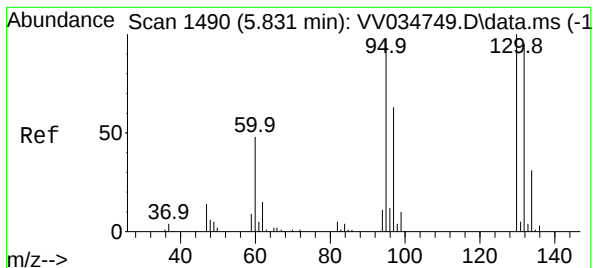
Tgt Ion:117 Resp: 214195
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3



#33
Benzene
Concen: 51.162 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion: 78 Resp: 535524





#34

Trichloroethene

Concen: 49.416 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 147030

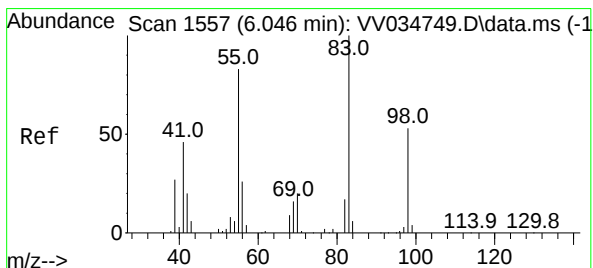
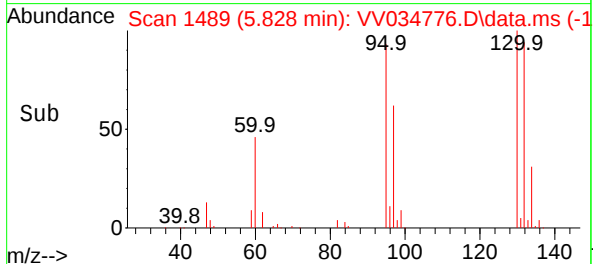
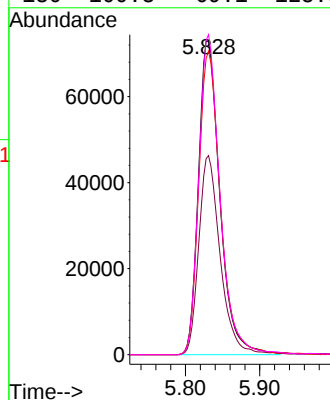
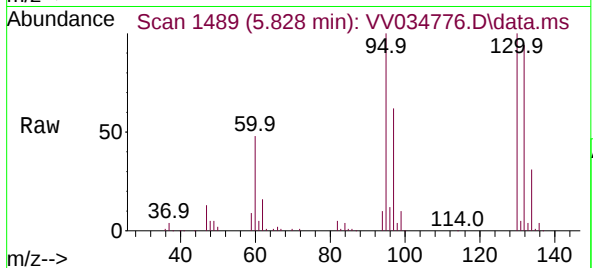
Ion Ratio Lower Upper

95 100

97 62.5 44.7 83.1

132 94.5 65.3 121.3

130 100.3 69.1 128.3



#35

Methylcyclohexane

Concen: 47.671 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

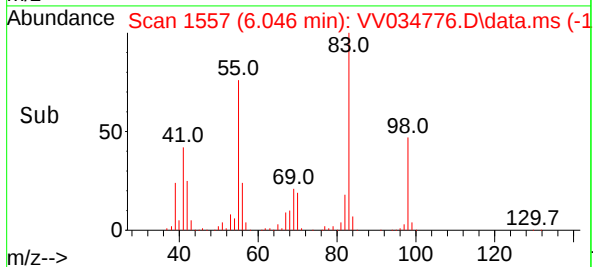
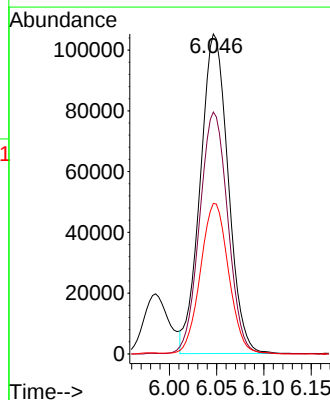
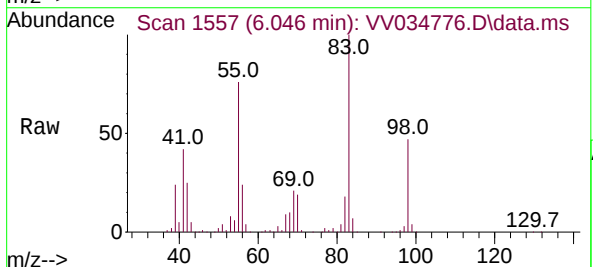
Tgt Ion: 83 Resp: 215628

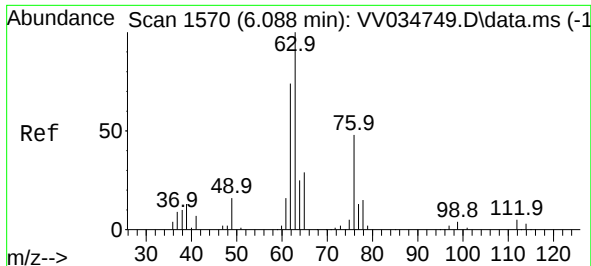
Ion Ratio Lower Upper

83 100

55 76.8 62.6 94.0

98 47.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 53.451 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

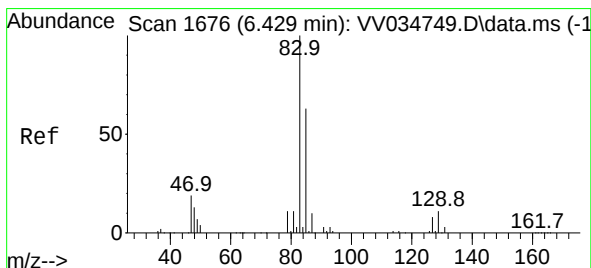
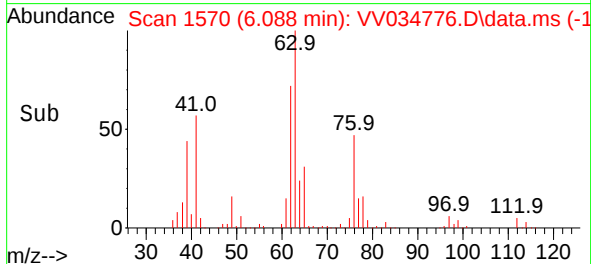
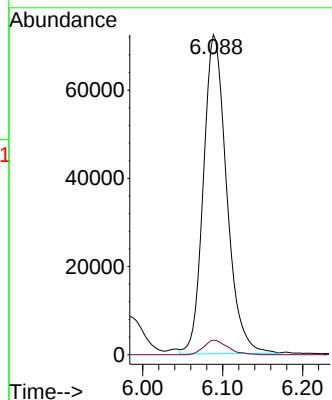
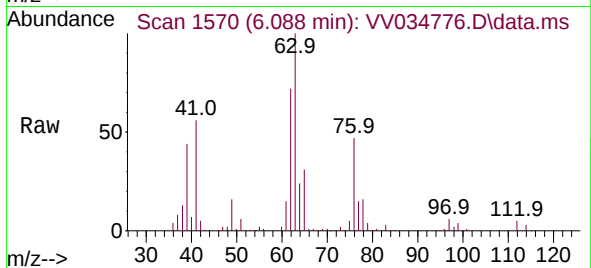
ClientSampleId :

Tgt Ion: 63 Resp: 146478

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 52.528 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

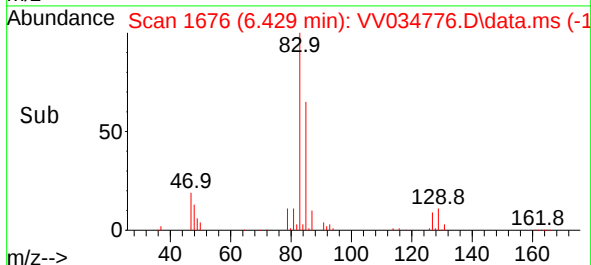
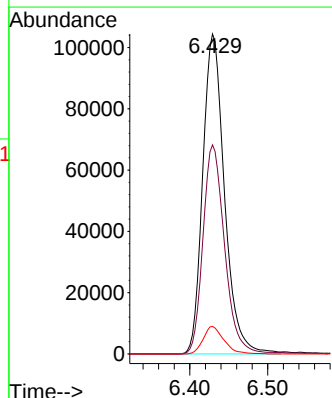
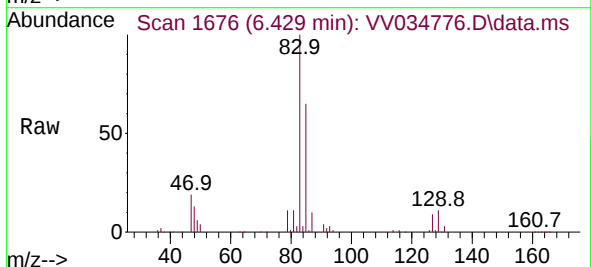
Tgt Ion: 83 Resp: 202480

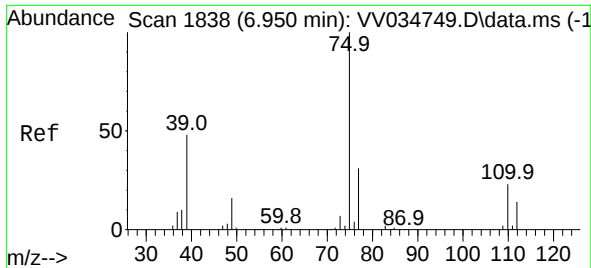
Ion Ratio Lower Upper

83 100

85 65.4 44.6 82.8

127 8.6 6.9 10.3

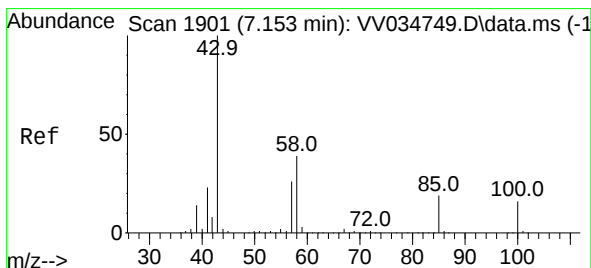
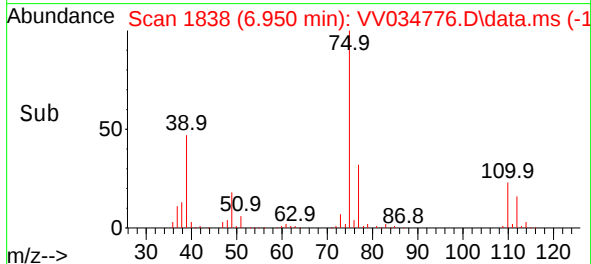
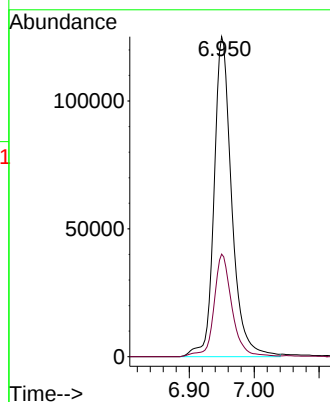
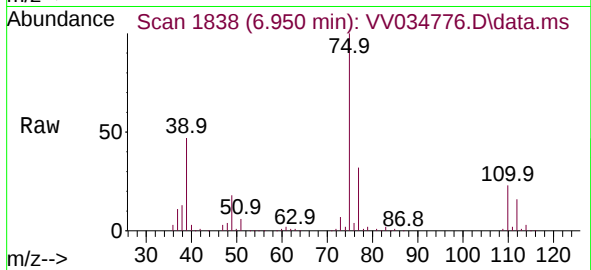




#39
cis-1,3-Dichloropropene
Concen: 53.307 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

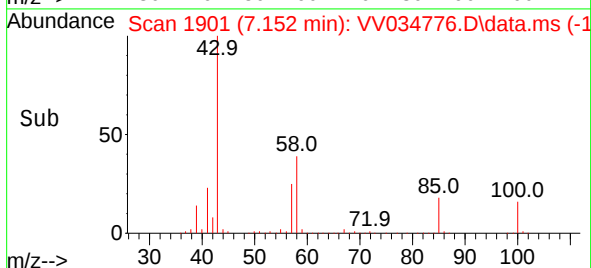
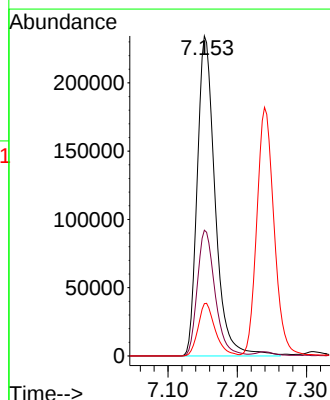
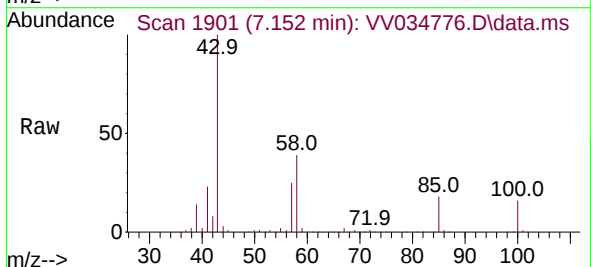
Instrument :
MSVOA_V
ClientSampleId :

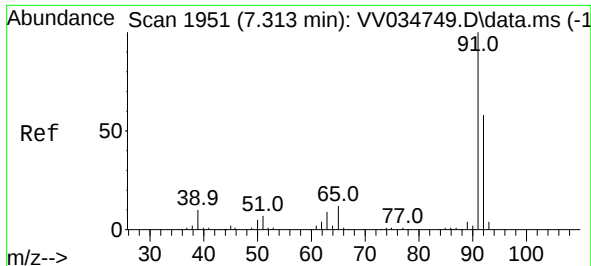
Tgt Ion: 75 Resp: 236683
Ion Ratio Lower Upper
75 100
77 32.1 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 103.852 ug/L
RT: 7.152 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion: 43 Resp: 419656
Ion Ratio Lower Upper
43 100
58 39.2 30.6 46.0
100 15.8 12.5 18.7





#42

Toluene

Concen: 51.760 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

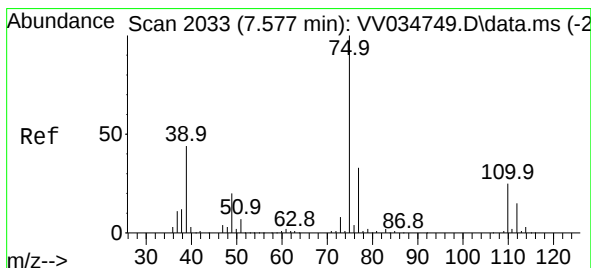
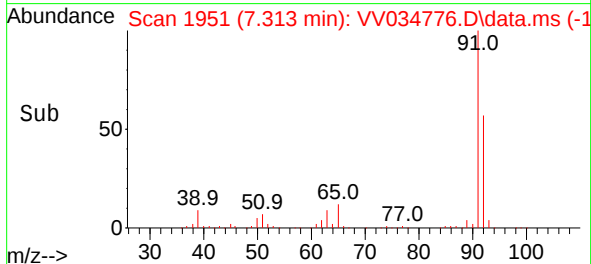
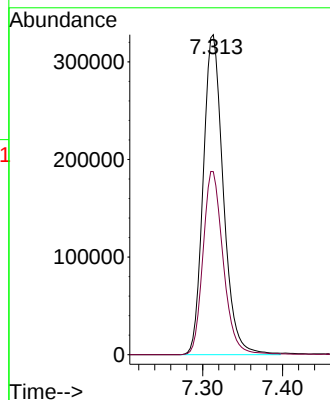
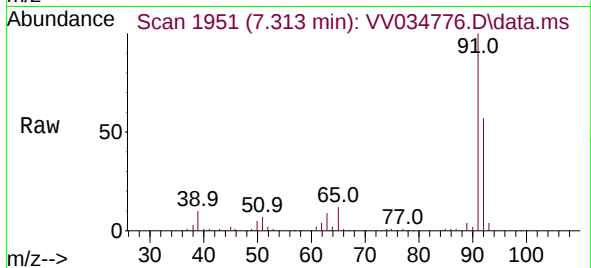
ClientSampleId :

Tgt Ion: 91 Resp: 573393

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 52.550 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV034776.D

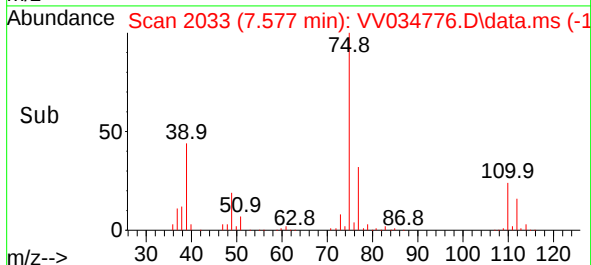
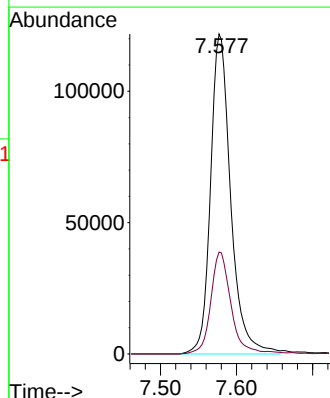
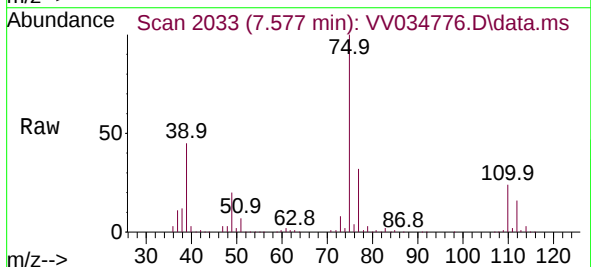
Acq: 21 Mar 2024 09:25

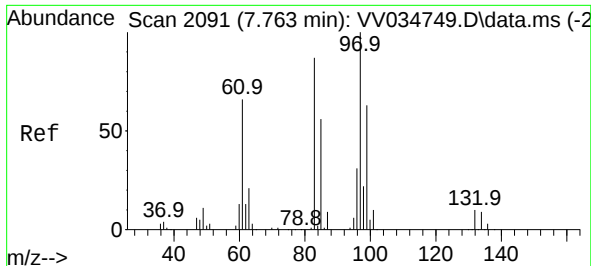
Tgt Ion: 75 Resp: 224403

Ion Ratio Lower Upper

75 100

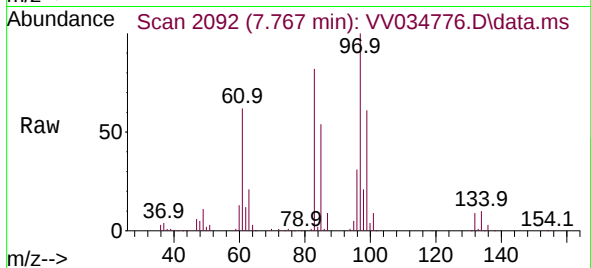
77 31.8 21.8 40.4





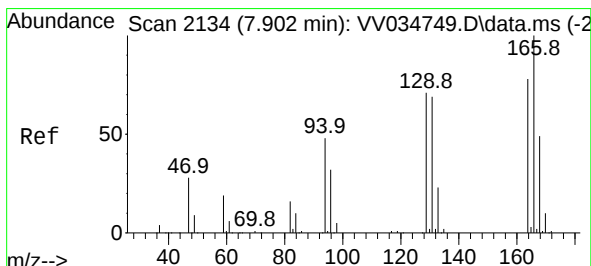
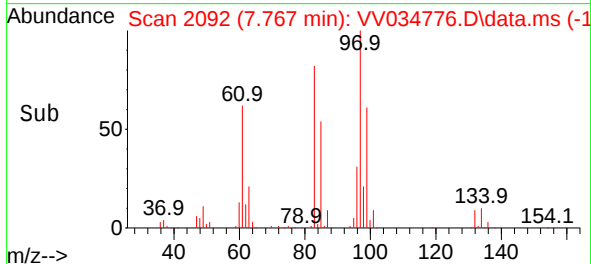
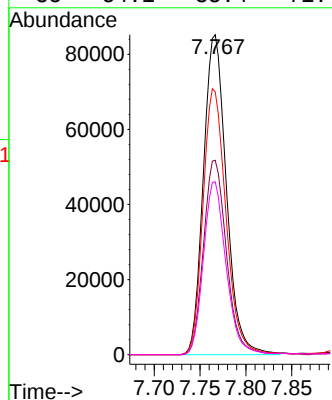
#45
1,1,2-Trichloroethane
Concen: 56.162 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 148499

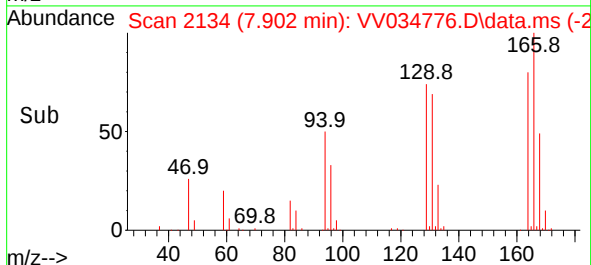
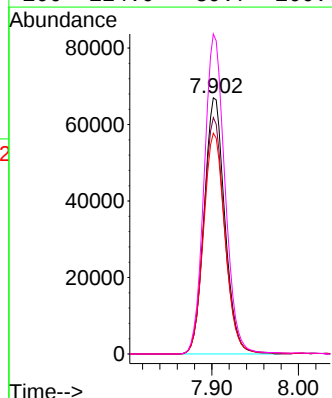
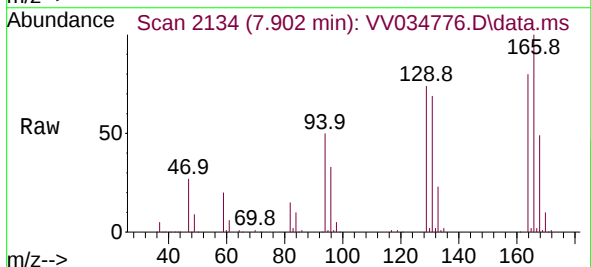
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.4
83	82.2	59.4	110.2
85	54.1	38.4	71.4

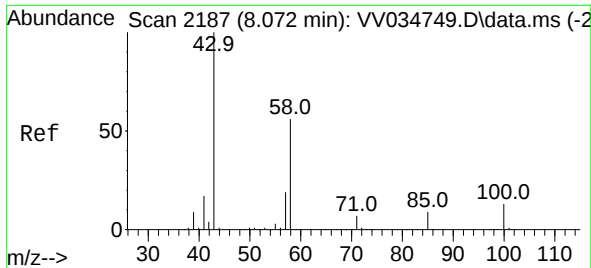


#46
Tetrachloroethene
Concen: 50.295 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion: 164 Resp: 111291

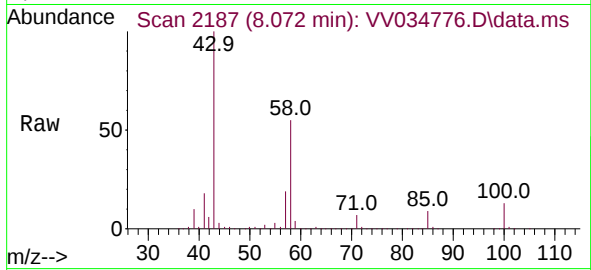
Ion	Ratio	Lower	Upper
164	100		
129	92.2	65.7	121.9
131	86.2	62.2	115.6
166	124.9	89.7	166.7



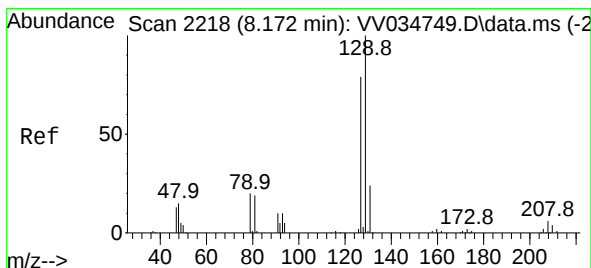
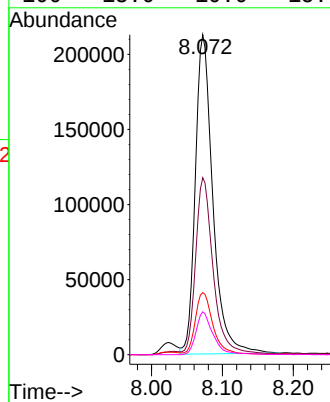
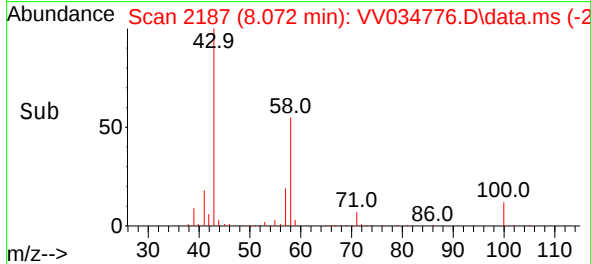


#48
2-Hexanone
Concen: 113.447 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Instrument :
MSVOA_V
ClientSampleId :

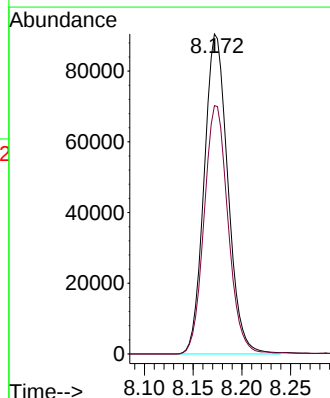
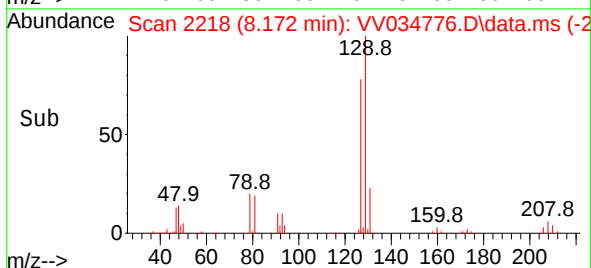
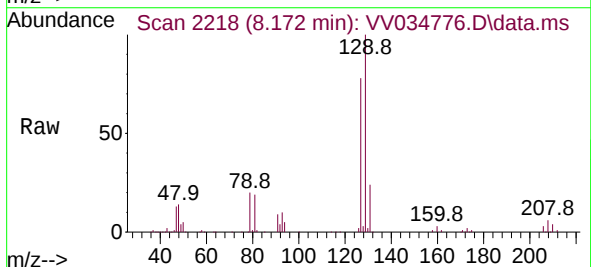


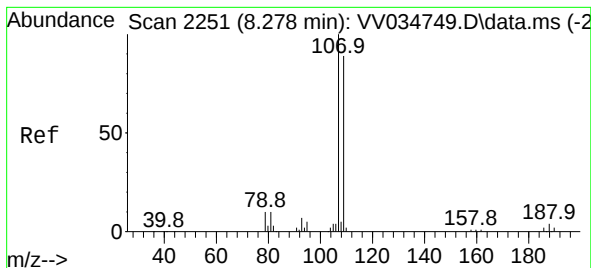
Tgt Ion: 43 Resp: 365297
Ion Ratio Lower Upper
43 100
58 54.7 42.0 63.0
57 19.9 15.2 22.8
100 13.0 10.0 15.0



#49
Dibromochloromethane
Concen: 54.923 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion: 129 Resp: 153251
Ion Ratio Lower Upper
129 100
127 77.6 53.3 98.9





#50

1,2-Dibromoethane

Concen: 52.333 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

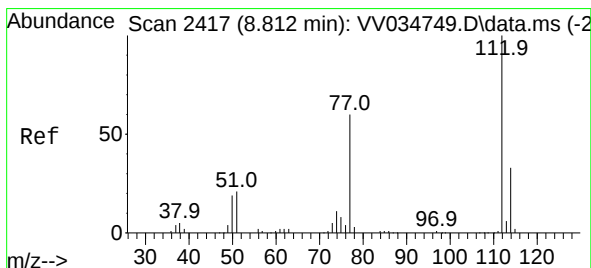
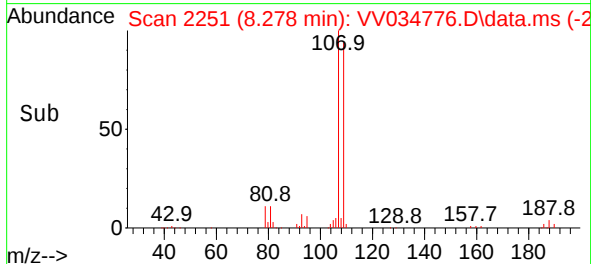
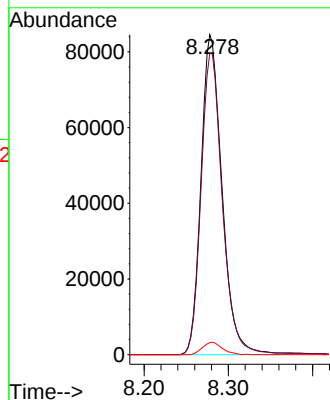
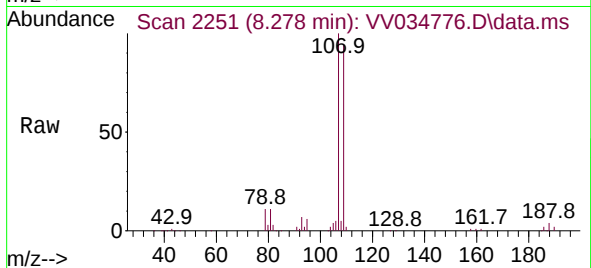
Tgt Ion:107 Resp: 146838

Ion Ratio Lower Upper

107 100

109 94.2 66.5 123.5

188 3.7 3.4 5.2



#51

Chlorobenzene

Concen: 52.512 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

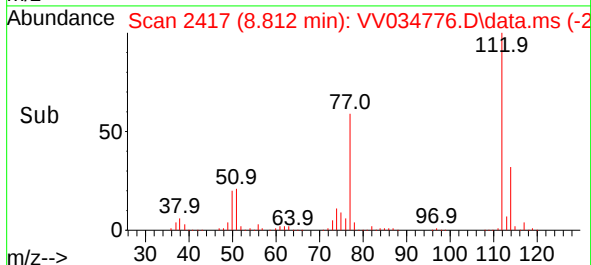
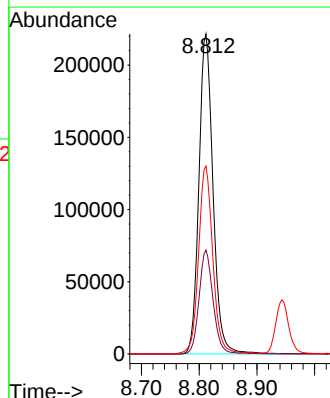
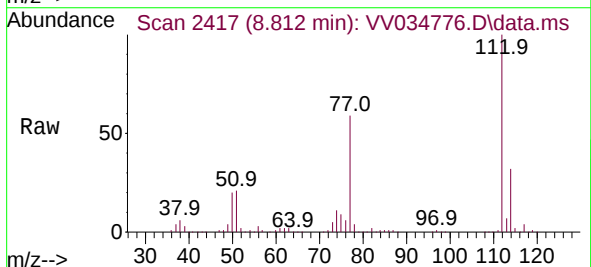
Tgt Ion:112 Resp: 376070

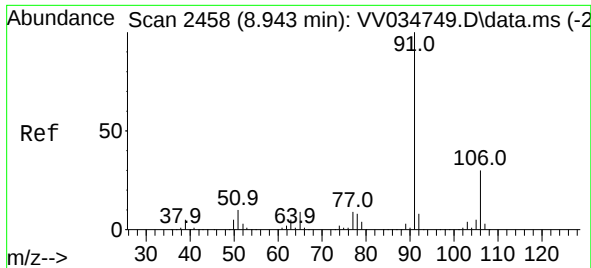
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 58.7 47.7 71.5

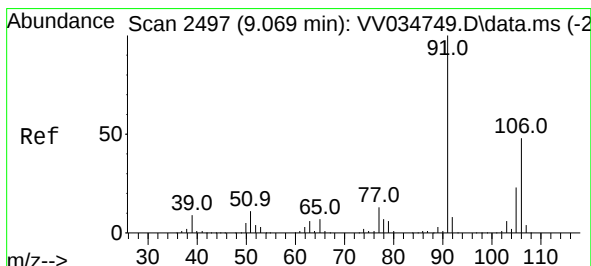
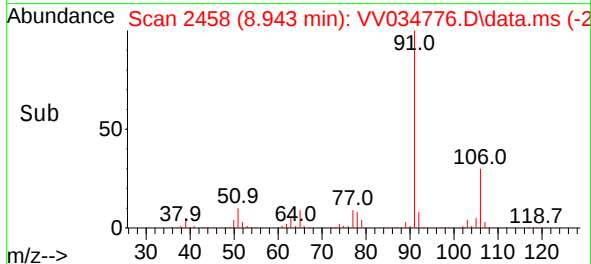
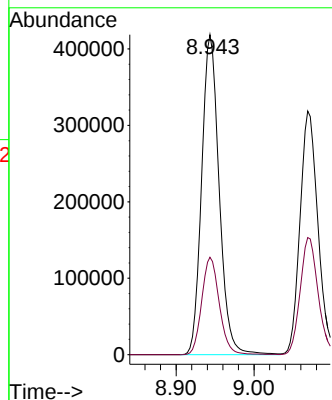
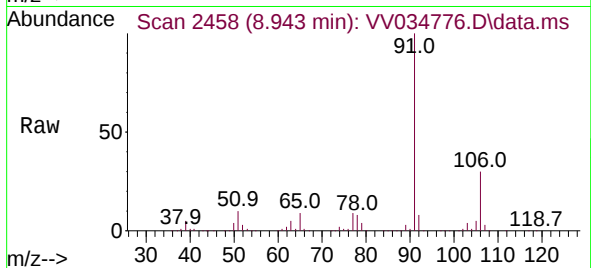




#52
Ethylbenzene
Concen: 52.609 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

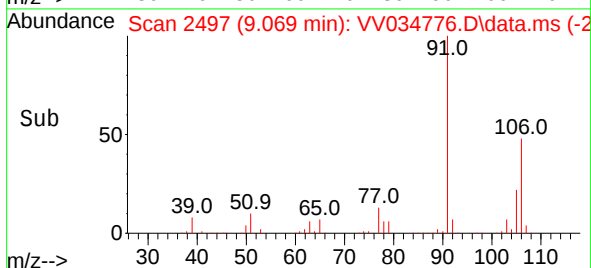
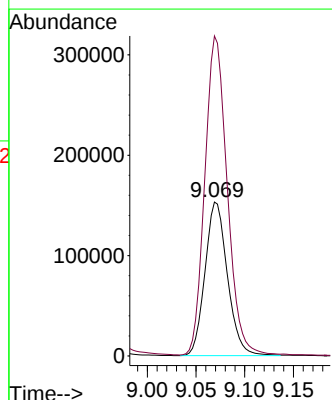
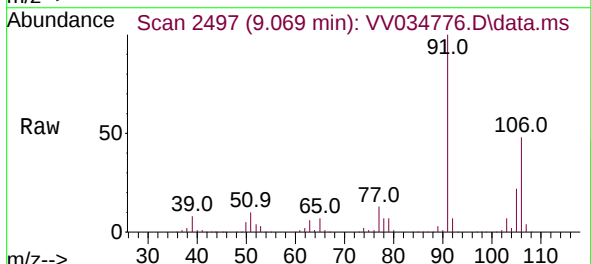
Instrument :
MSVOA_V
ClientSampleId :

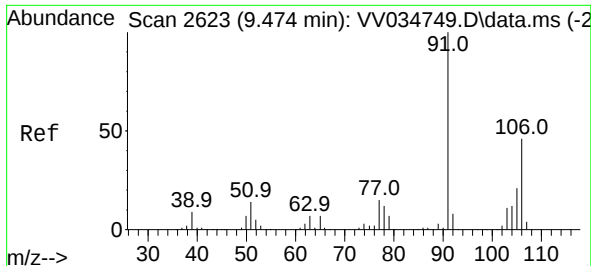
Tgt Ion: 91 Resp: 653026
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 52.083 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion: 106 Resp: 245329
Ion Ratio Lower Upper
106 100
91 207.9 145.3 269.9

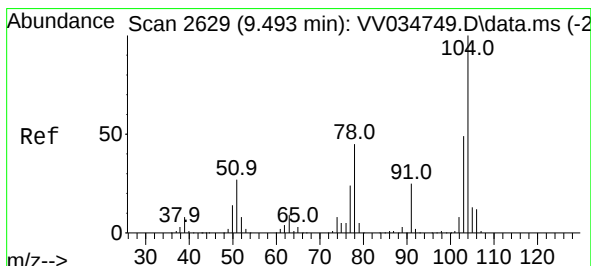
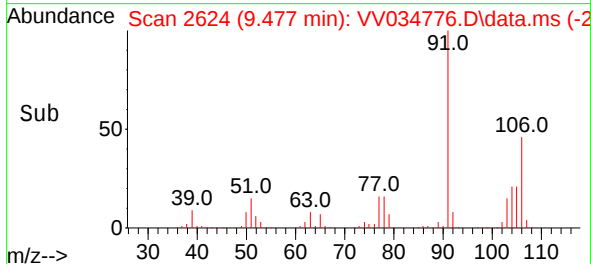
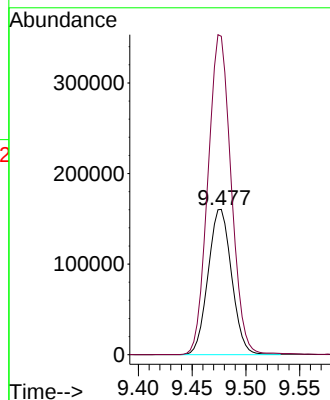
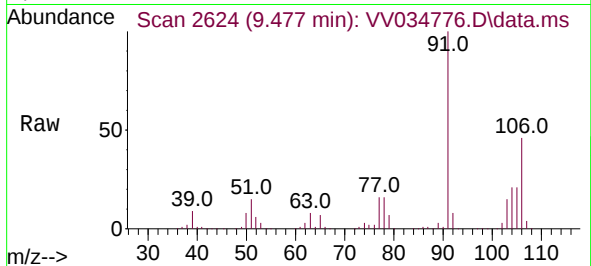




#54
o-Xylene
Concen: 52.915 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

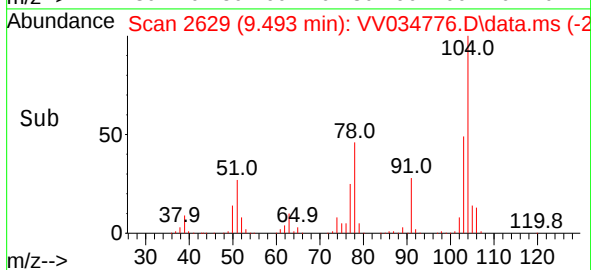
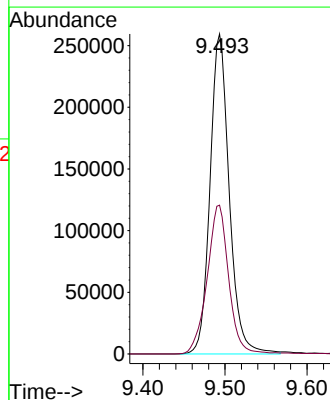
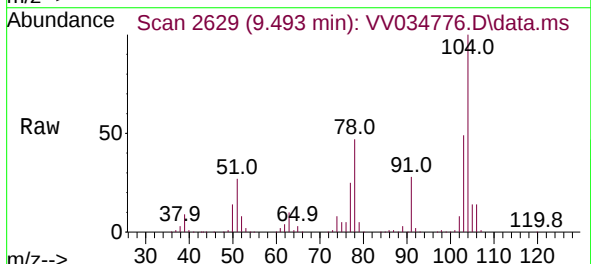
Instrument :
MSVOA_V
ClientSampleId :

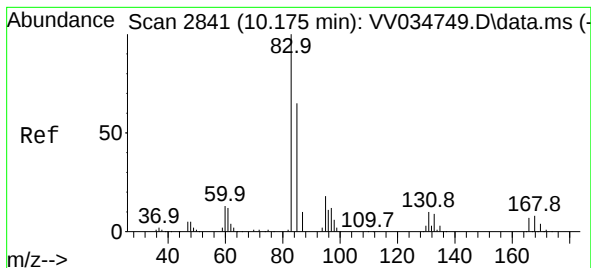
Tgt Ion:106 Resp: 244066
Ion Ratio Lower Upper
106 100
91 219.2 152.2 282.7



#55
Styrene
Concen: 54.172 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034776.D
Acq: 21 Mar 2024 09:25

Tgt Ion:104 Resp: 423054
Ion Ratio Lower Upper
104 100
78 46.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 54.699 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

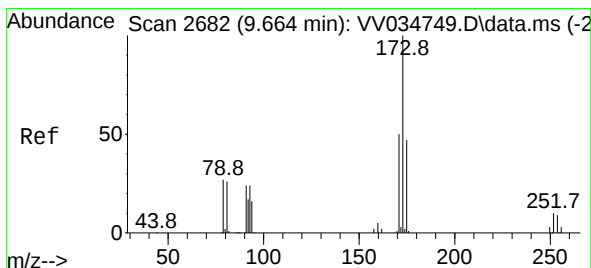
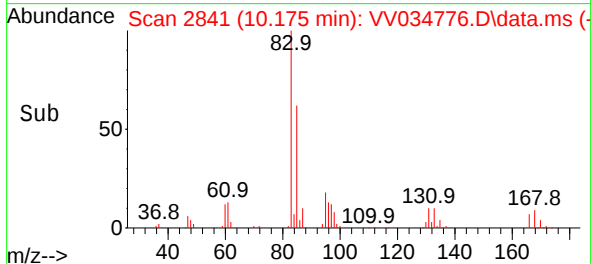
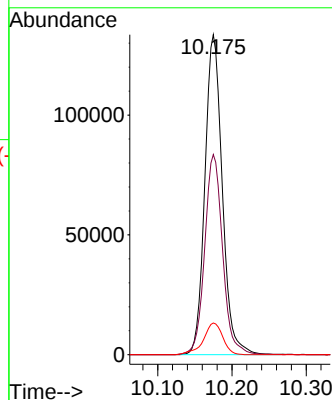
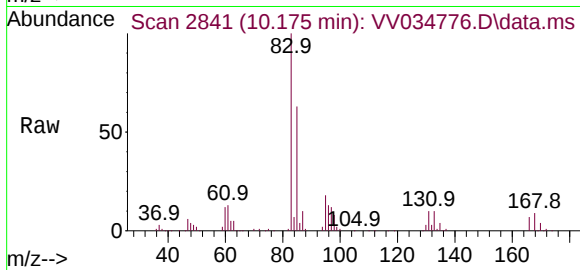
Tgt Ion: 83 Resp: 217229

Ion Ratio Lower Upper

83 100

85 62.6 45.4 84.2

131 9.9 8.3 12.5



#59

Bromoform

Concen: 54.817 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

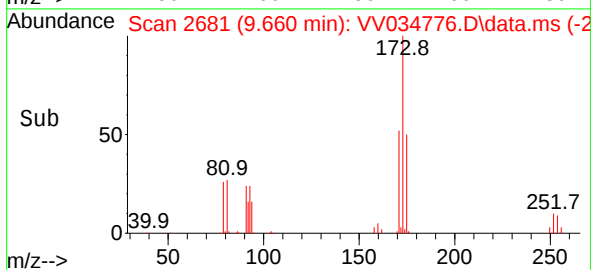
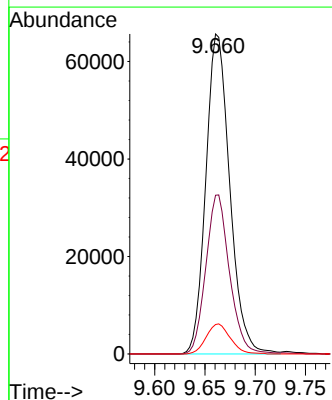
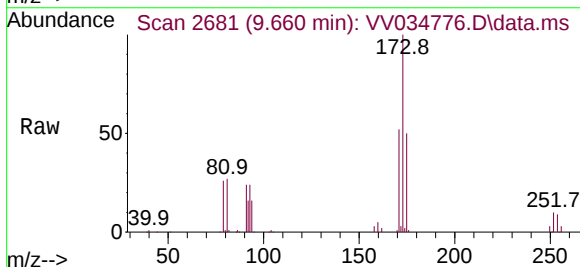
Tgt Ion: 173 Resp: 108850

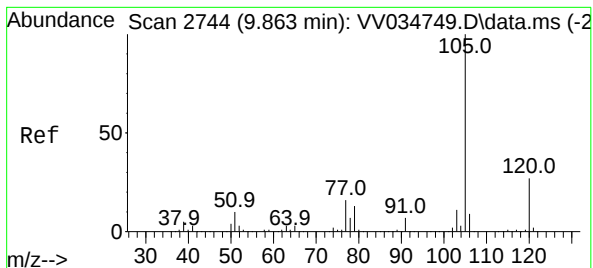
Ion Ratio Lower Upper

173 100

175 49.1 39.1 58.7

254 9.5 7.8 11.8





#60

Isopropylbenzene

Concen: 53.427 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

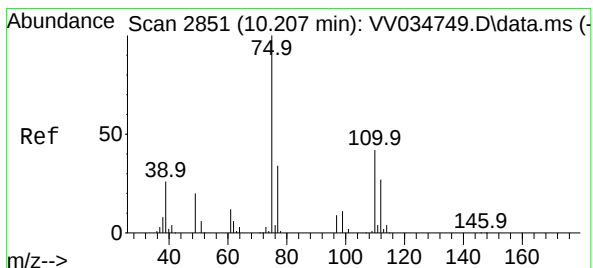
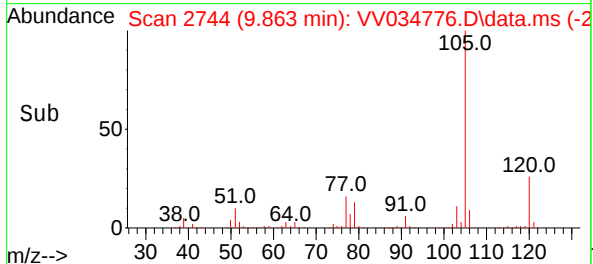
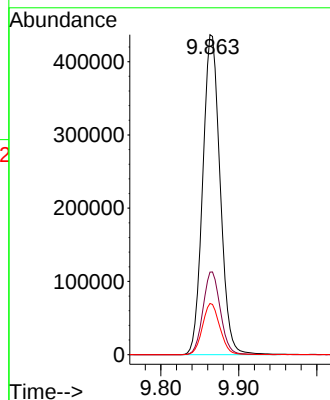
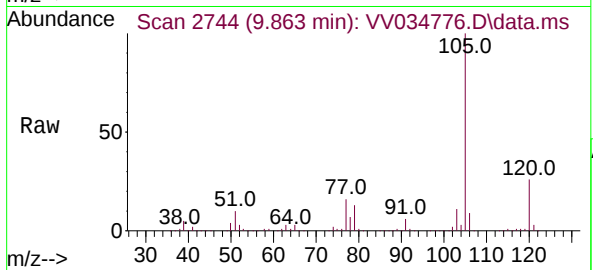
Tgt Ion:105 Resp: 676758

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 15.9 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 51.840 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

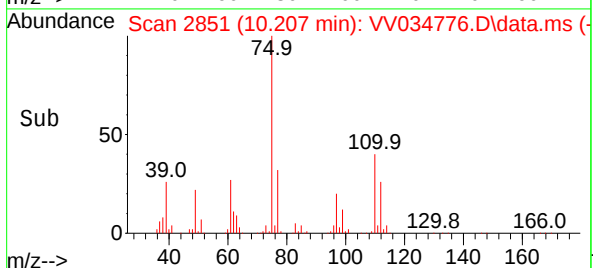
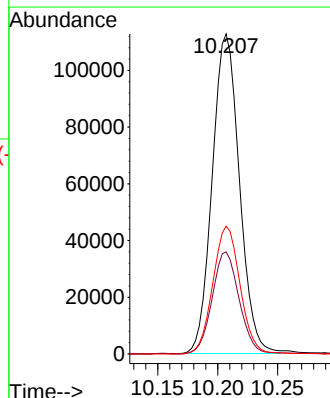
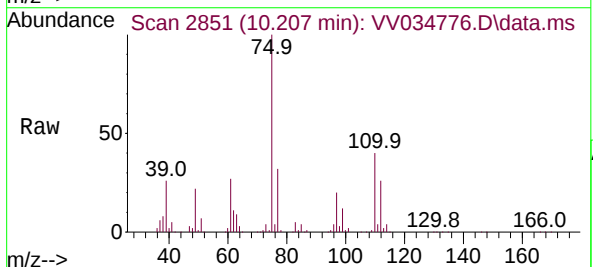
Tgt Ion: 75 Resp: 177233

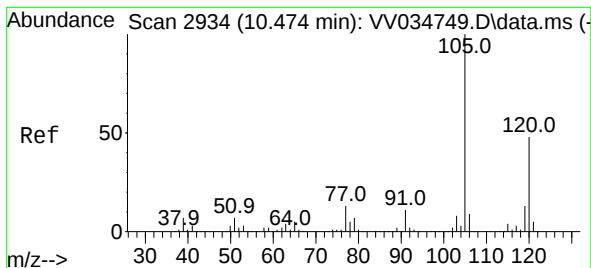
Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9

110 40.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 52.943 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min MSVOA_V

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

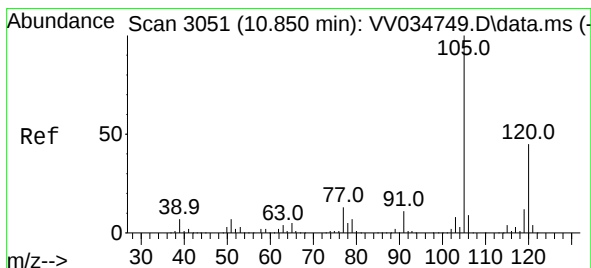
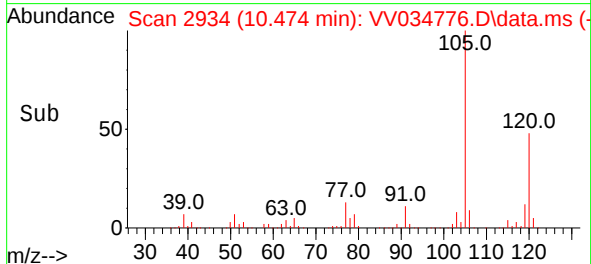
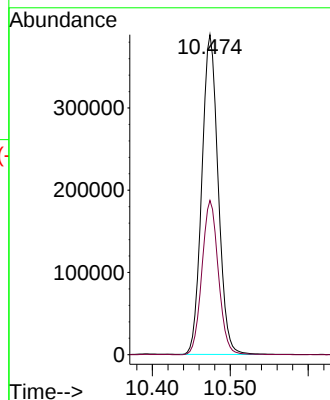
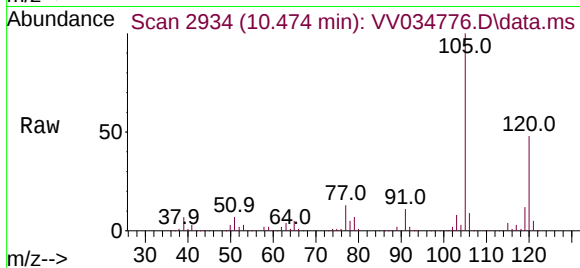
ClientSampleId :

Tgt Ion:105 Resp: 565703

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 53.637 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034776.D

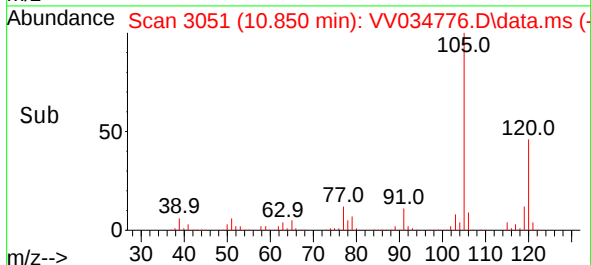
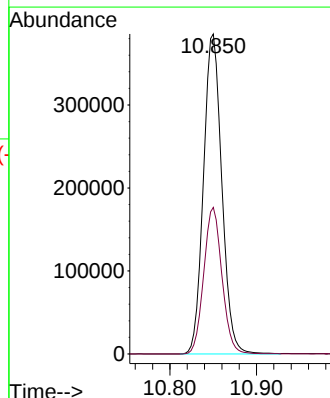
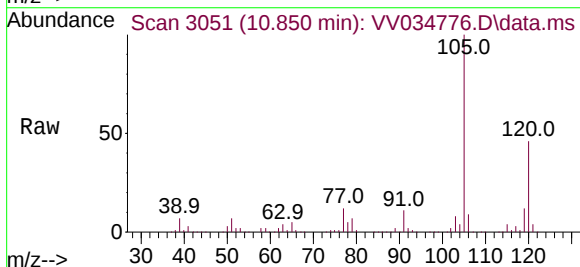
Acq: 21 Mar 2024 09:25

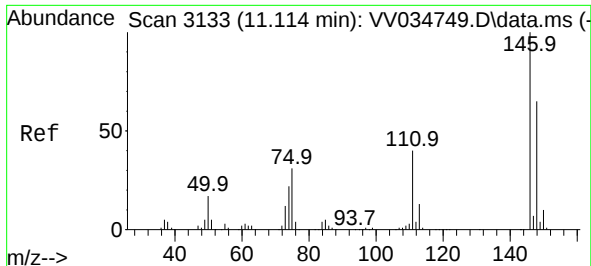
Tgt Ion:105 Resp: 566843

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 53.694 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

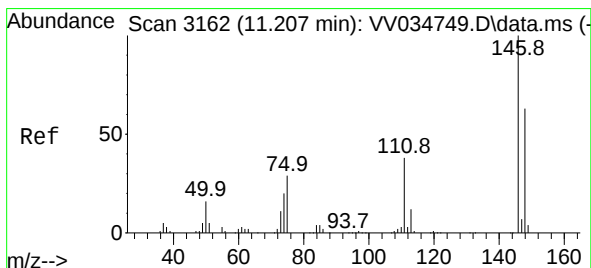
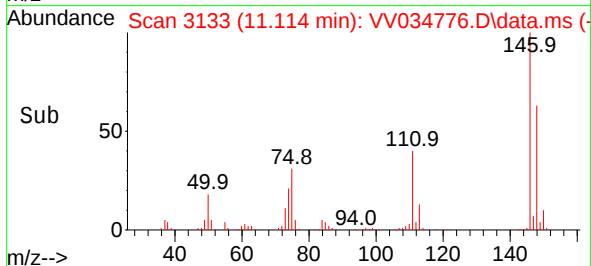
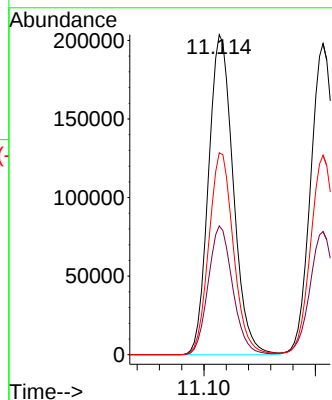
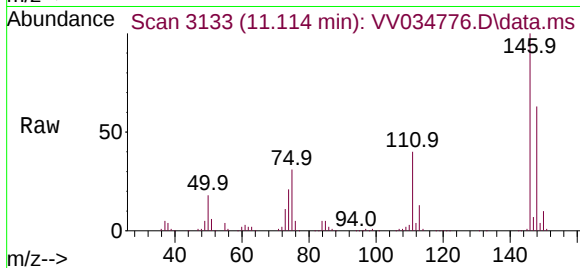
Tgt Ion:146 Resp: 314470

Ion Ratio Lower Upper

146 100

111 40.3 27.9 51.7

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 52.758 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

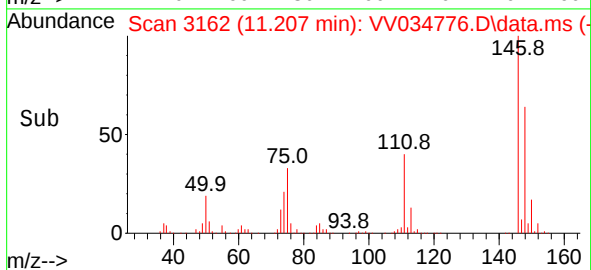
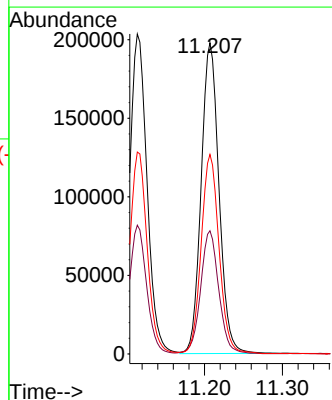
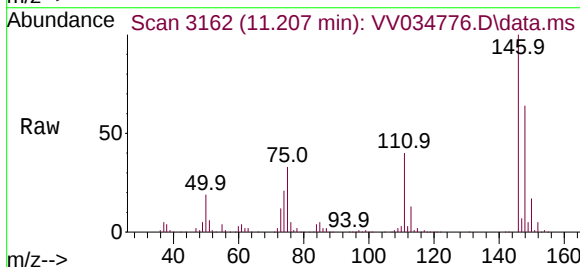
Tgt Ion:146 Resp: 313777

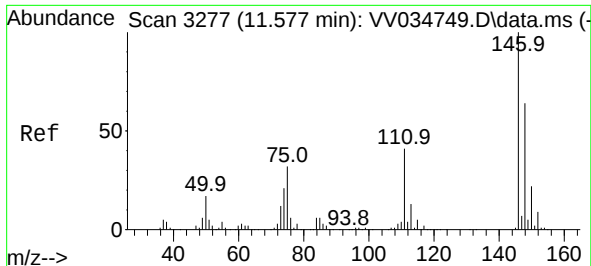
Ion Ratio Lower Upper

146 100

111 39.6 26.5 49.1

148 64.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 53.807 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

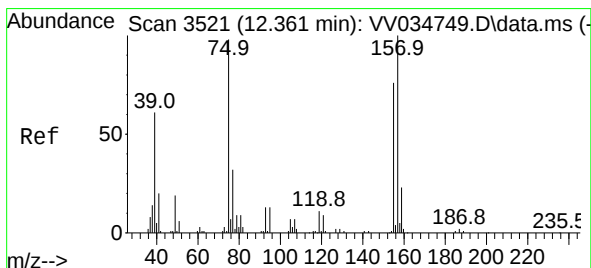
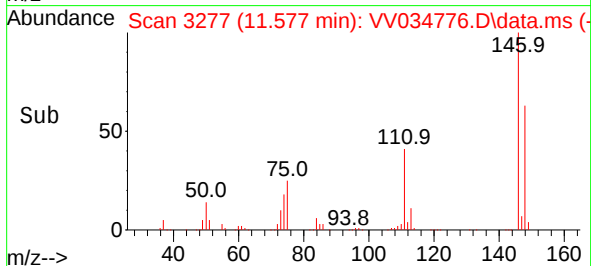
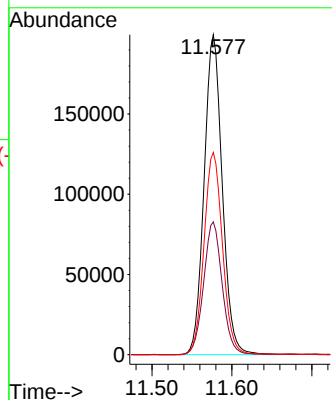
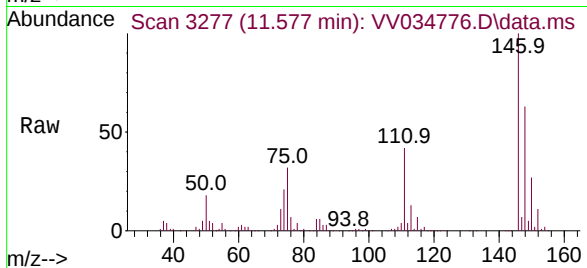
Tgt Ion:146 Resp: 315772

Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.8

148 63.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 48.548 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

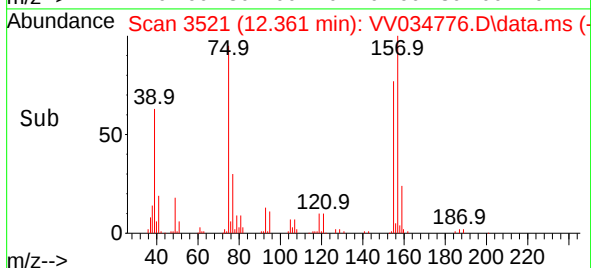
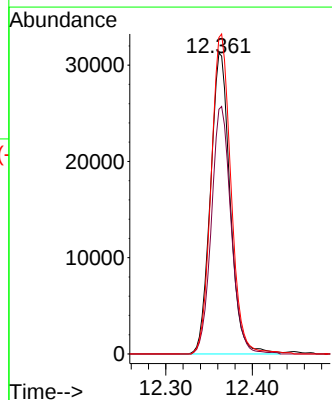
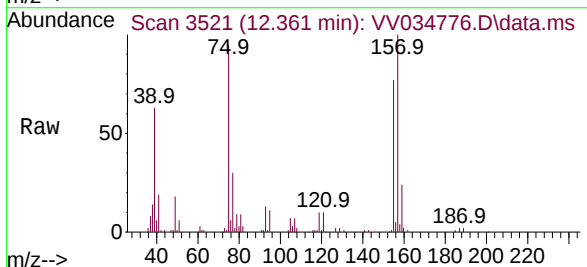
Tgt Ion: 75 Resp: 49442

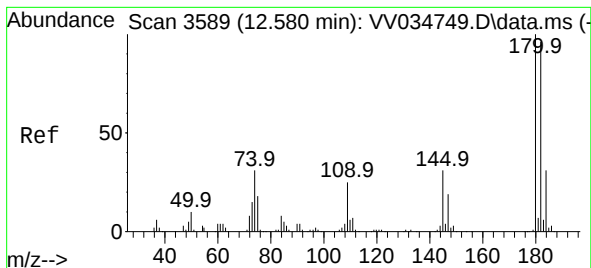
Ion Ratio Lower Upper

75 100

155 81.4 63.3 94.9

157 105.2 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 52.185 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

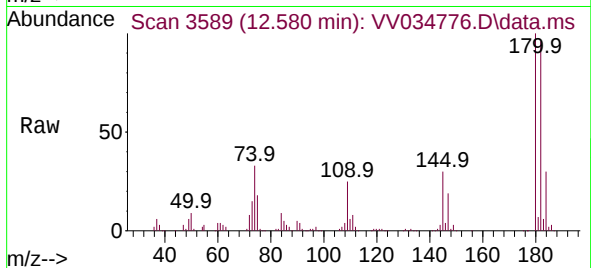
Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 229283

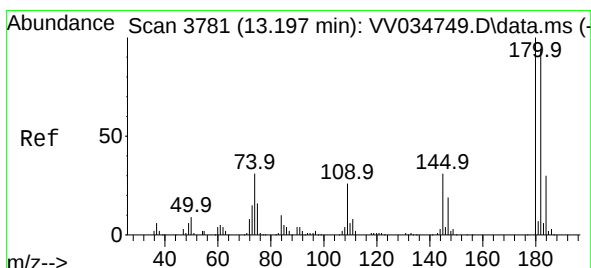
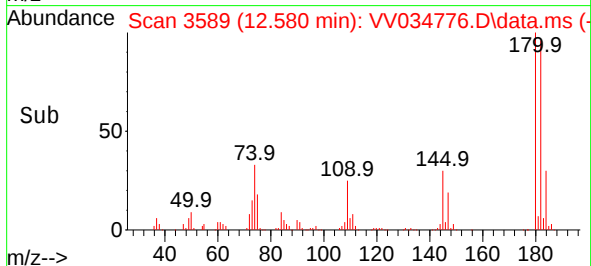
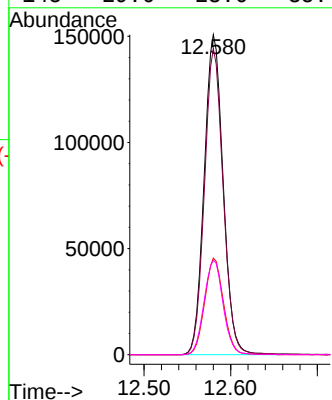
Ion Ratio Lower Upper

180 100

182 94.4 74.6 112.0

184 29.8 23.6 35.4

145 29.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.585 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

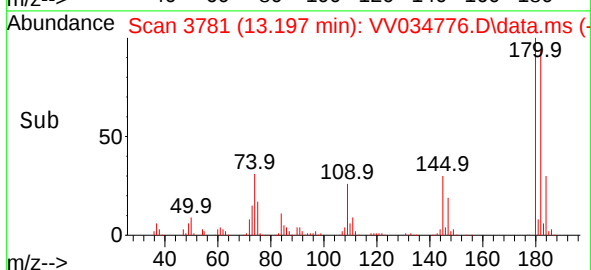
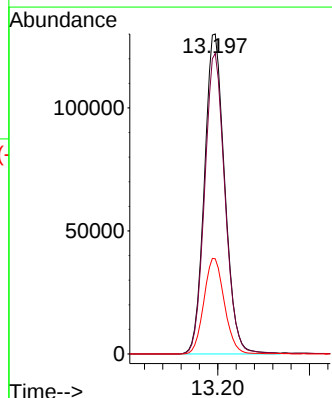
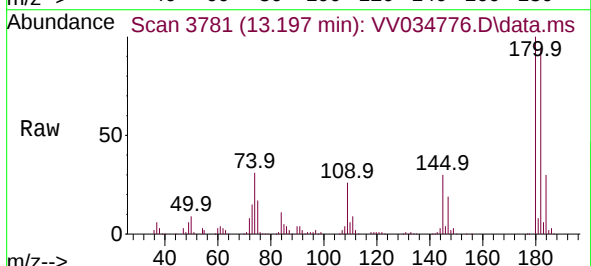
Tgt Ion:180 Resp: 199984

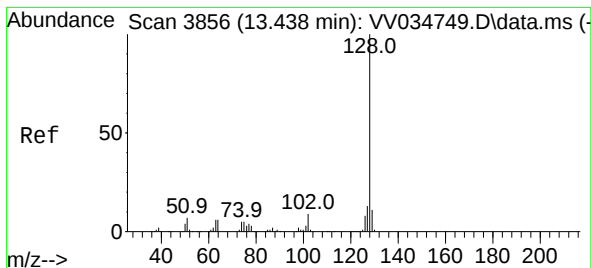
Ion Ratio Lower Upper

180 100

182 93.9 74.8 112.2

145 30.0 24.2 36.4





#71

Naphthalene

Concen: 40.328 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Instrument :

MSVOA_V

ClientSampleId :

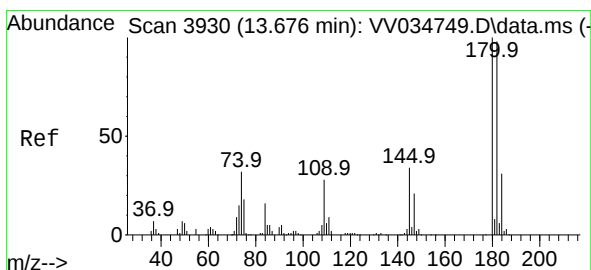
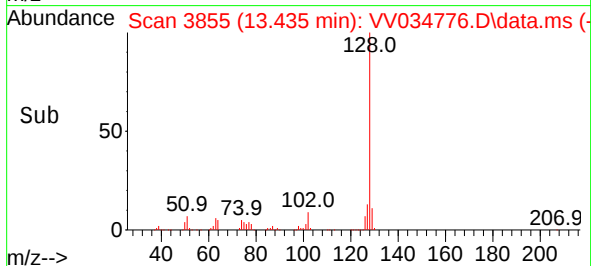
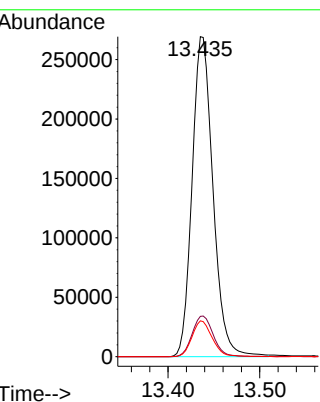
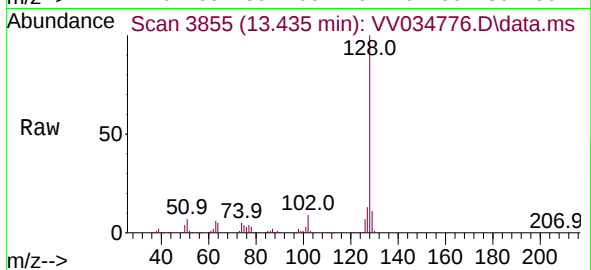
Tgt Ion:128 Resp: 426475

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.905 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV034776.D

Acq: 21 Mar 2024 09:25

Tgt Ion:180 Resp: 192469

Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 32.6 25.5 38.3

