

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081723\
 Data File : VW031828.D
 Acq On : 17 Aug 2023 13:12
 Operator : SY/MD
 Sample : VSTD02070
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 01:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	233339	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	246056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	221733	11.622	ug/L	0.00
7) Chloroethane-d5	1.526	69	193668	10.803	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	123756	12.269	ug/L	0.00
20) 2-Butanone-d5	3.789	46	938316	181.663	ug/L	-0.02
24) Chloroform-d	4.252	84	770926	17.839	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	389816	17.618	ug/L	0.00
32) Benzene-d6	4.963	84	1429378	20.384	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	467513	18.327	ug/L	0.00
41) Toluene-d8	7.246	98	1403902	21.854	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	167277	20.785	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	926787	245.908	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	347218	18.090	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	523311	21.131	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	372995	15.159	ug/L	100
3) Chloromethane	1.217	50	305349	12.338	ug/L	96
5) Vinyl chloride	1.281	62	321183	13.408	ug/L	100
6) Bromomethane	1.484	94	189238	12.606	ug/L	97
8) Chloroethane	1.542	64	172597	12.104	ug/L	97
9) Trichlorofluoromethane	1.709	101	525303	14.917	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	287194	14.825	ug/L	96
12) 1,1-Dichloroethene	2.069	96	247771	14.105	ug/L	79
13) Acetone	2.121	43	360497	108.959	ug/L	97
14) Carbon disulfide	2.240	76	741420	13.727	ug/L	99
15) Methyl Acetate	2.378	43	106672	15.096	ug/L	91
16) Methylene chloride	2.445	84	284526	12.049	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	637588	19.222	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	257952	16.575	ug/L	100
19) 1,1-Dichloroethane	3.114	63	525968	15.669	ug/L	99
21) 2-Butanone	3.870	43	719835	168.863	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	312861	20.172	ug/L	97
23) Bromochloromethane	4.149	128	147456	18.893	ug/L	98
25) Chloroform	4.278	83	620860	18.614	ug/L	100
27) 1,2-Dichloroethane	5.043	62	370486	17.729	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	541017	18.385	ug/L	99
30) Cyclohexane	4.587	56	442043	21.079	ug/L	98
31) Carbon tetrachloride	4.738	117	481007	18.253	ug/L	99
33) Benzene	5.014	78	1221202	19.533	ug/L	100
34) Trichloroethene	5.838	95	344773	19.439	ug/L	87
35) Methylcyclohexane	6.056	83	469560	21.720	ug/L	95
37) 1,2-Dichloropropane	6.098	63	334875	18.769	ug/L	100
38) Bromodichloromethane	6.436	83	431775	18.384	ug/L #	99
39) cis-1,3-Dichloropropene	6.956	75	490469	22.280	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	2016070	213.603	ug/L	96
42) Toluene	7.320	91	1332455	22.373	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	422661	21.612	ug/L	98

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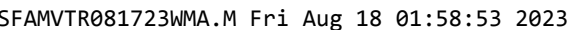
Instrument :
 MSVOA_V
 ClientSampleId :

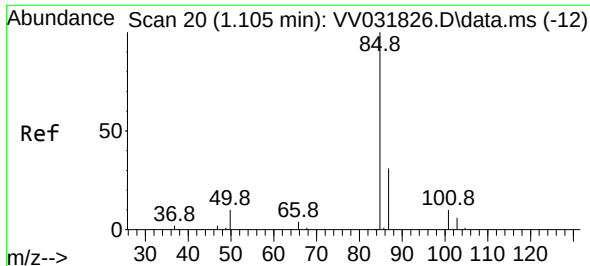
Quant Time: Aug 18 01:58:45 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	246148	18.493	ug/L	97
47) Tetrachloroethene	7.908	164	256285	20.691	ug/L	96
48) 2-Hexanone	8.079	43	1469576	211.278	ug/L	97
49) Dibromochloromethane	8.181	129	300555	20.864	ug/L	99
50) 1,2-Dibromoethane	8.288	107	238186	19.045	ug/L	95
51) Chlorobenzene	8.818	112	810734	20.304	ug/L	93
52) Ethylbenzene	8.950	91	1441858	23.892	ug/L	100
53) m,p-Xylene	9.079	106	547367	25.035	ug/L	92
54) o-Xylene	9.484	106	513881	24.926	ug/L	97
55) Styrene	9.500	104	965805	25.042	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	242412	17.316	ug/L	95
59) Bromoform	9.670	173	173109	18.749	ug/L	98
60) Isopropylbenzene	9.873	105	1408099	22.717	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	196592	15.974	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	1181010	23.630	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	1218010	24.406	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	707914	20.888	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	675042	18.976	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	667215	20.720	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	47511	19.432	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	508520	20.416	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	448730	22.957	ug/L	100
71) Naphthalene	13.445	128	714957	23.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	413655	22.955	ug/L	99

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

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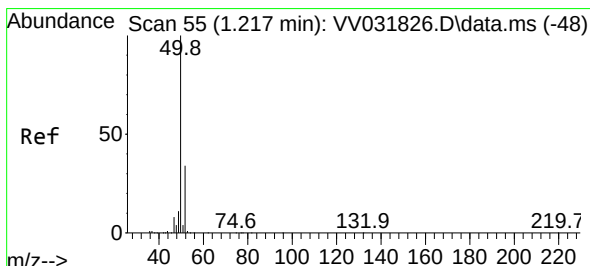
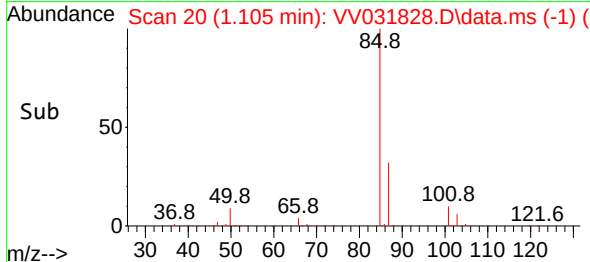
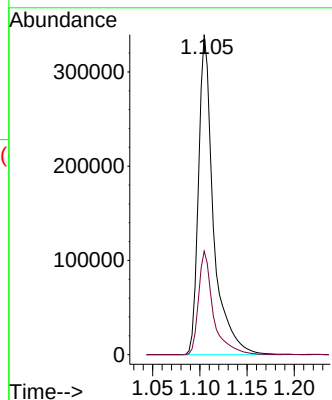
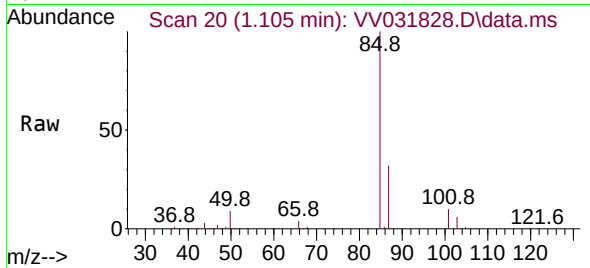




#2
 Dichlorodifluoromethane
 Concen: 15.159 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

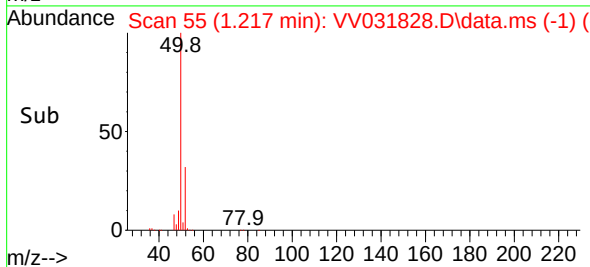
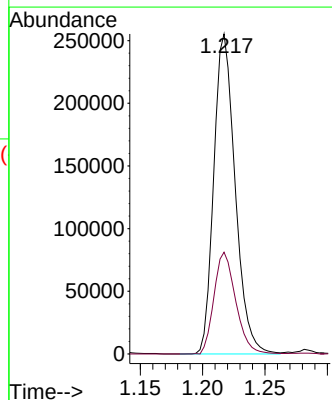
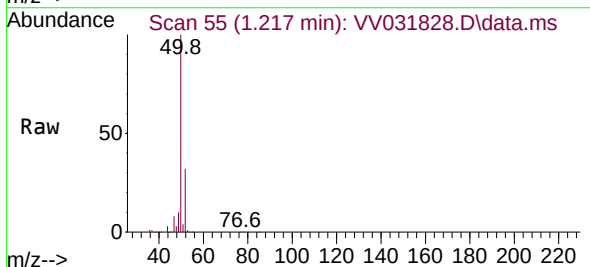
Instrument :
 MSVOA_V
 ClientSampleId :

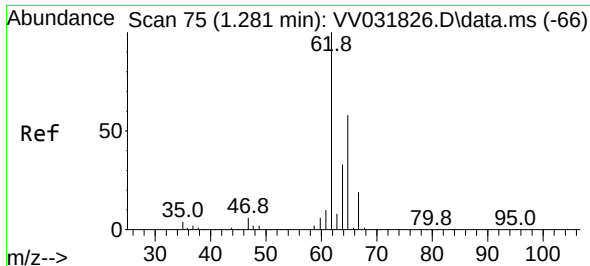
Tgt Ion: 85 Resp: 372995
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 12.338 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

Tgt Ion: 50 Resp: 305349
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.8 44.2

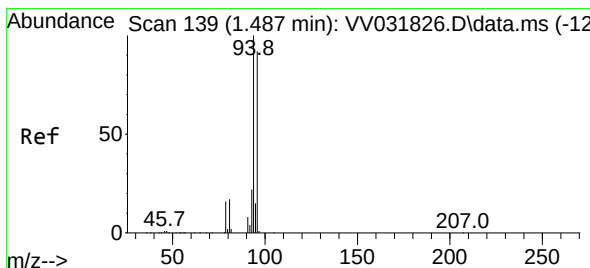
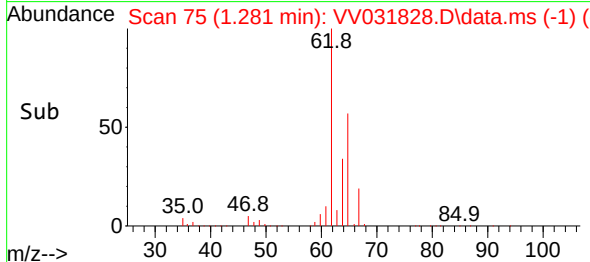
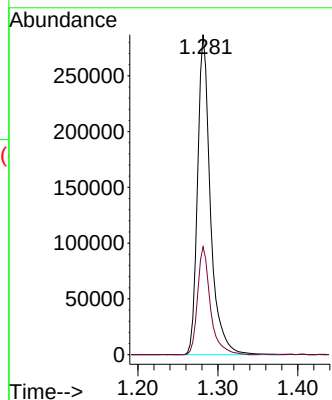
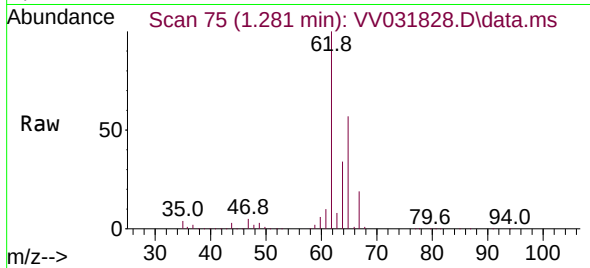




#5
 Vinyl chloride
 Concen: 13.408 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

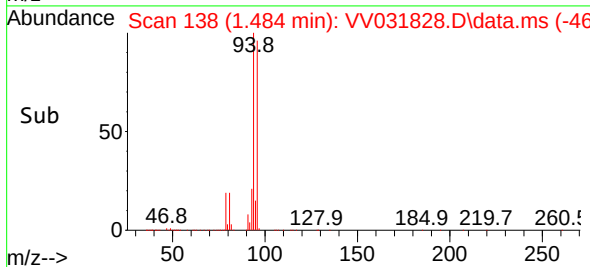
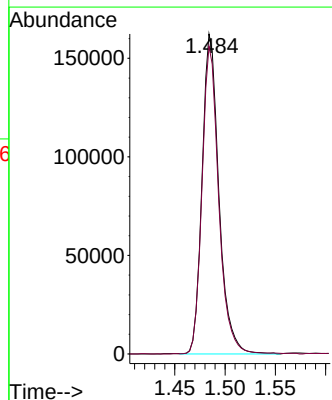
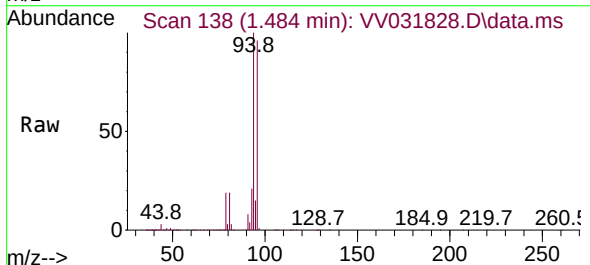
Instrument :
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 ClientSampleId :

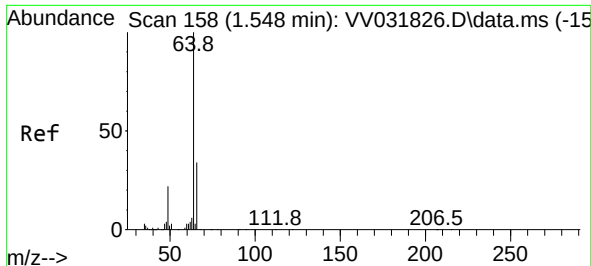
Tgt Ion: 62 Resp: 321183
 Ion Ratio Lower Upper
 62 100
 64 90.8 63.5 117.9



#6
 Bromomethane
 Concen: 12.606 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

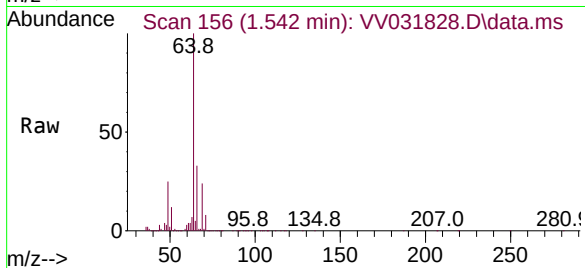
Tgt Ion: 94 Resp: 189238
 Ion Ratio Lower Upper
 94 100
 96 96.2 65.3 121.3



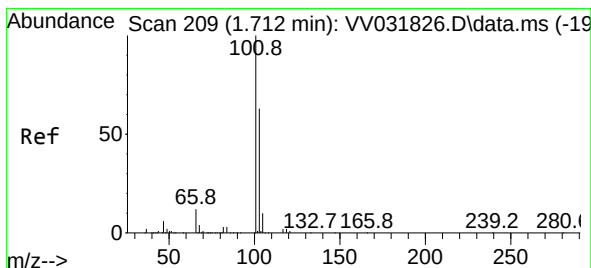
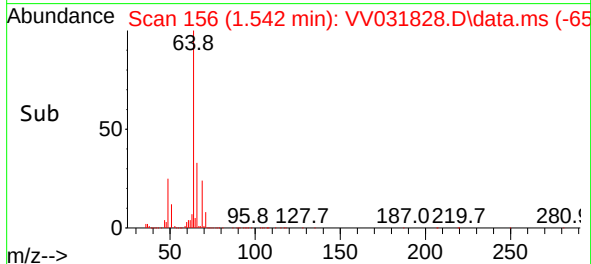
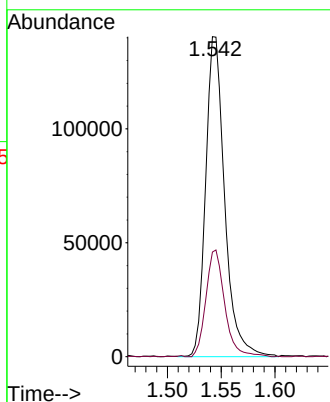


#8
Chloroethane
Concen: 12.104 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Instrument :
MSVOA_V
ClientSampleId :

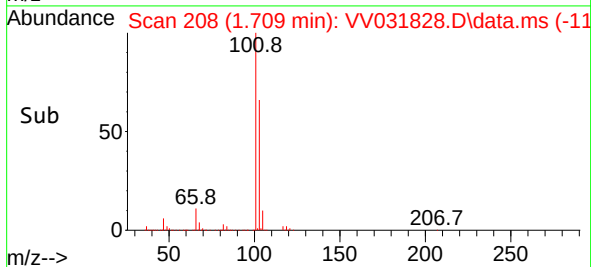
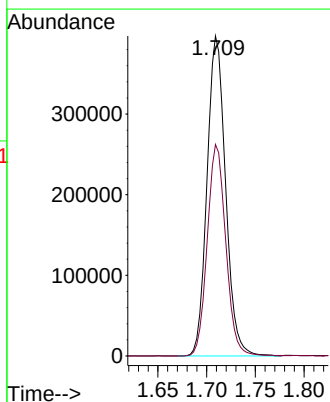
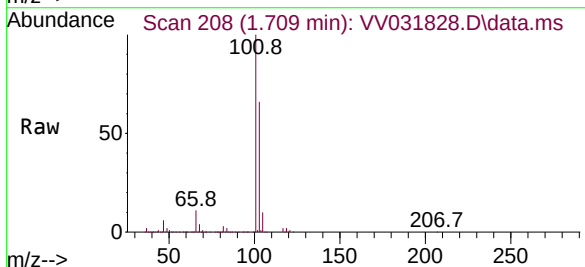


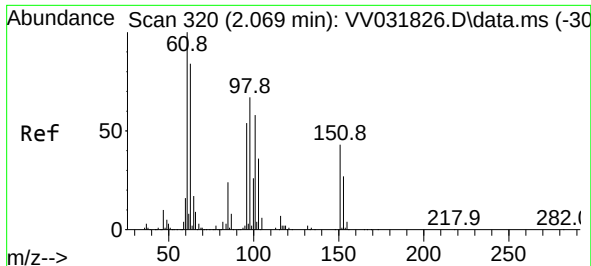
Tgt Ion: 64 Resp: 172597
Ion Ratio Lower Upper
64 100
66 31.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 14.917 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion: 101 Resp: 525303
Ion Ratio Lower Upper
101 100
103 66.0 52.1 78.1





#10

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

Concen: 14.825 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :

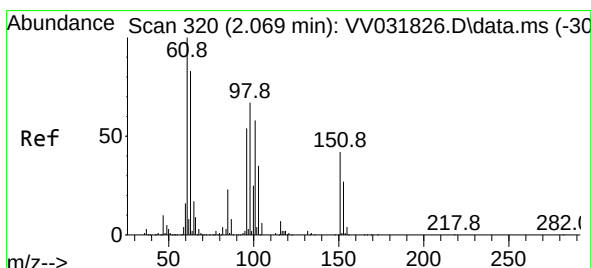
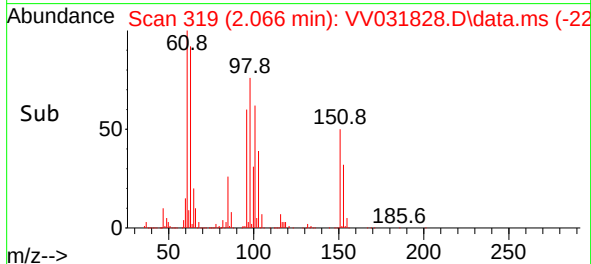
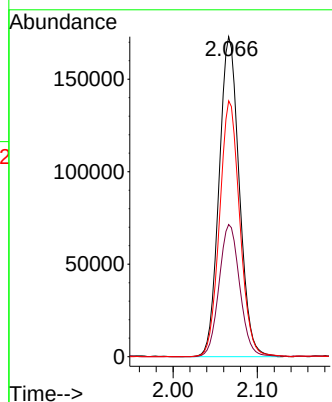
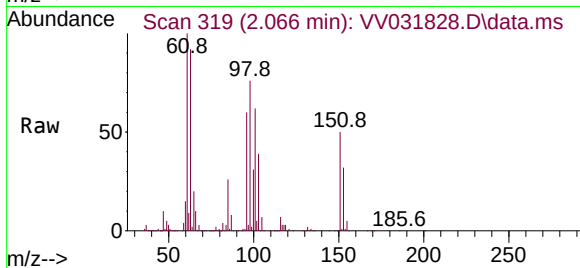
Tgt Ion:101 Resp: 287194

Ion Ratio Lower Upper

101 100

85 42.3 33.3 49.9

151 80.1 60.2 90.4



#12

1,1-Dichloroethene

Concen: 14.105 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

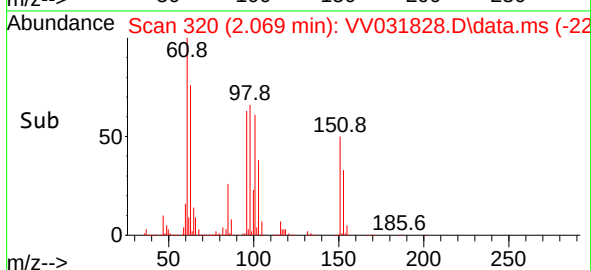
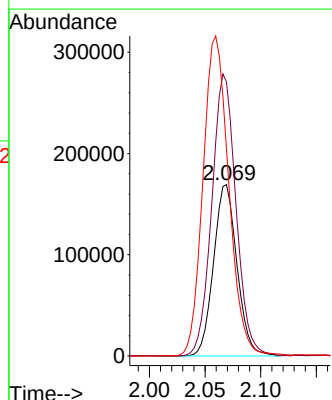
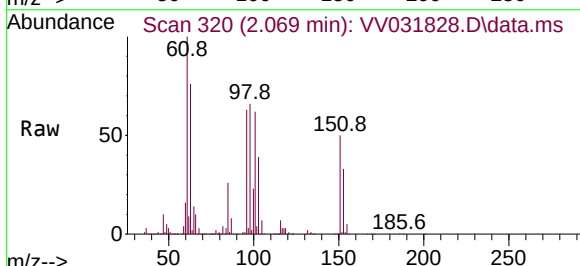
Tgt Ion: 96 Resp: 247771

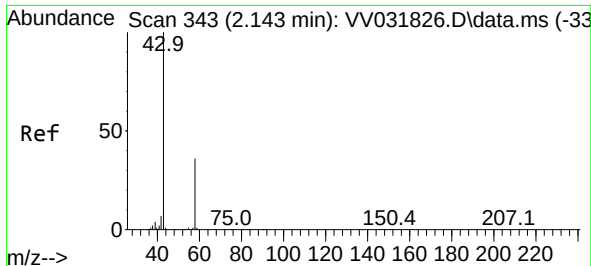
Ion Ratio Lower Upper

96 100

61 159.9 129.0 239.6

63 121.0 108.7 201.9





#13

Acetone

Concen: 108.959 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

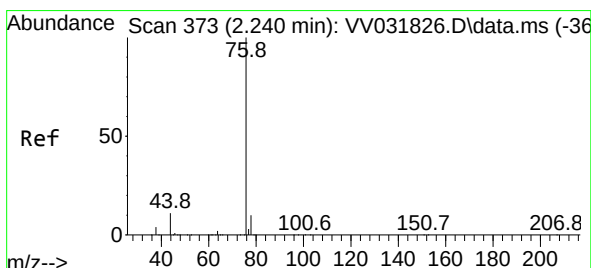
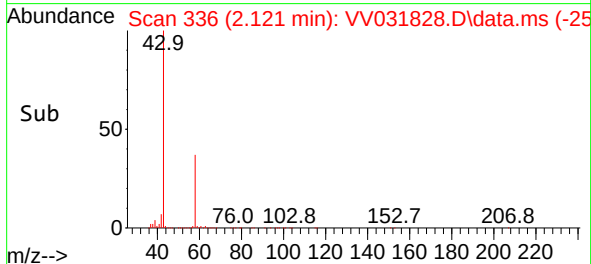
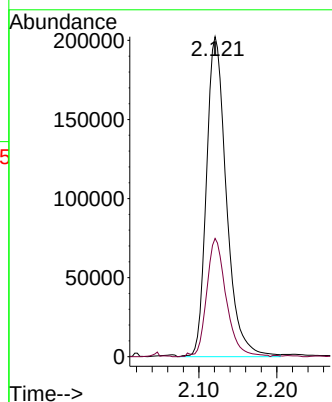
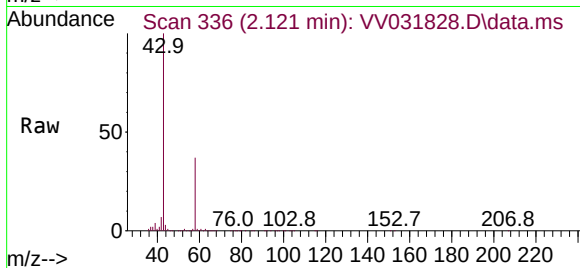
ClientSampleId :

Tgt Ion: 43 Resp: 360497

Ion Ratio Lower Upper

43 100

58 36.1 0.0 69.0



#14

Carbon disulfide

Concen: 13.727 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV031828.D

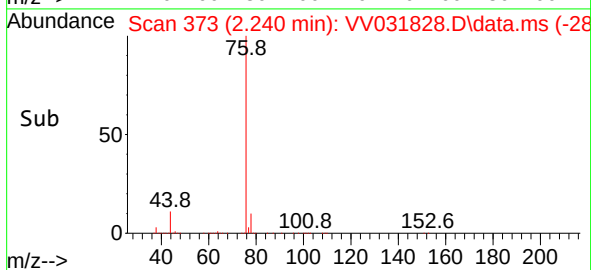
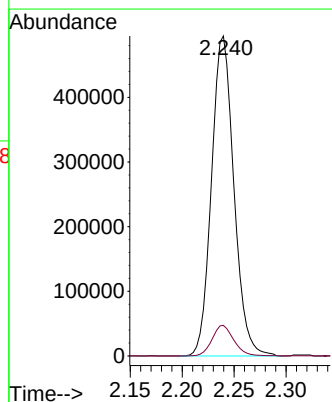
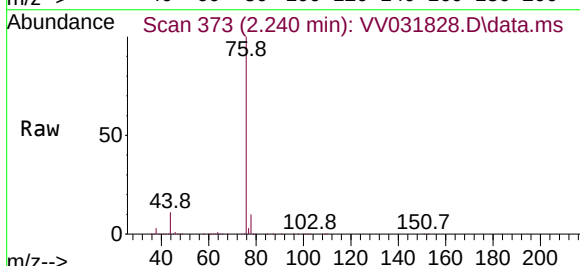
Acq: 17 Aug 2023 13:12

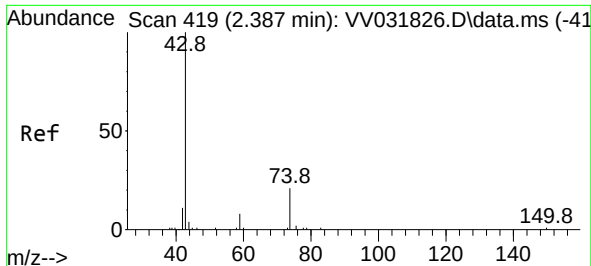
Tgt Ion: 76 Resp: 741420

Ion Ratio Lower Upper

76 100

78 9.8 7.7 11.5

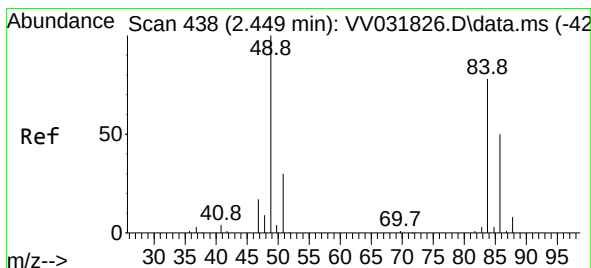
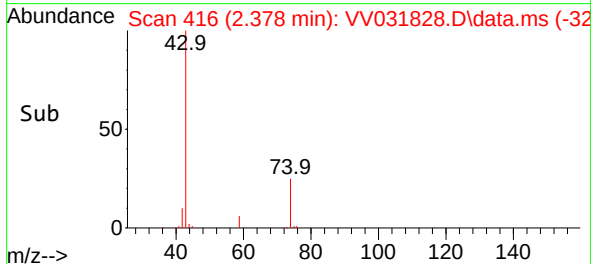
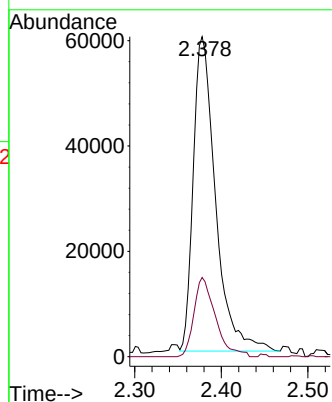
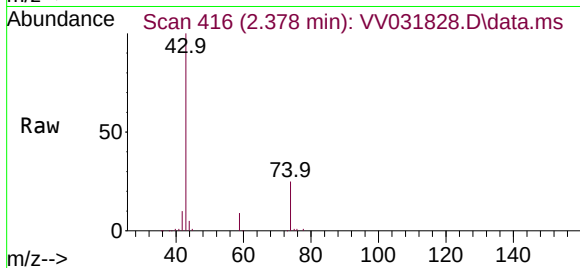




#15
Methyl Acetate
Concen: 15.096 ug/L
RT: 2.378 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

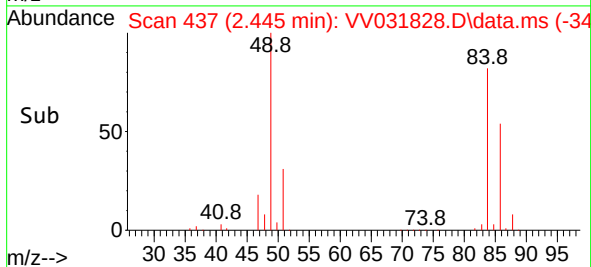
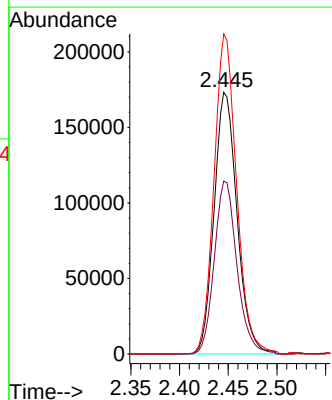
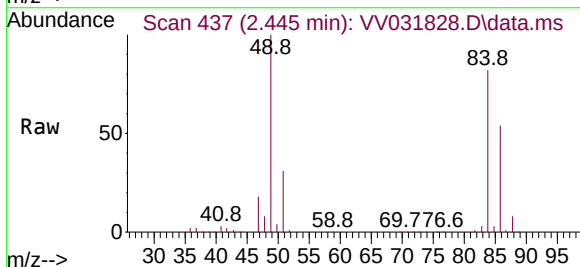
Instrument :
MSVOA_V
ClientSampleId :

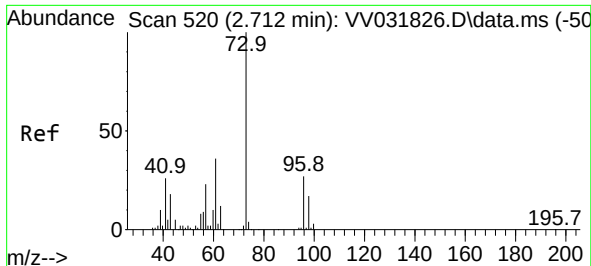
Tgt Ion: 43 Resp: 106672
Ion Ratio Lower Upper
43 100
74 24.2 16.2 24.2



#16
Methylene chloride
Concen: 12.049 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion: 84 Resp: 284526
Ion Ratio Lower Upper
84 100
86 67.0 44.5 82.7
49 127.0 93.0 172.6





#17

Methyl tert-butyl Ether

Concen: 19.222 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

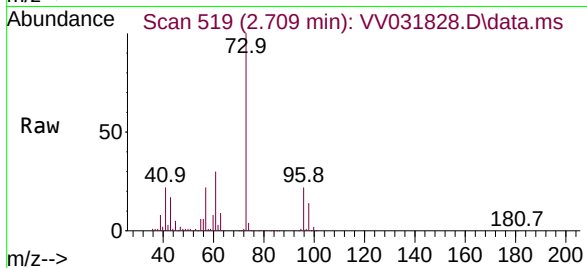
Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :



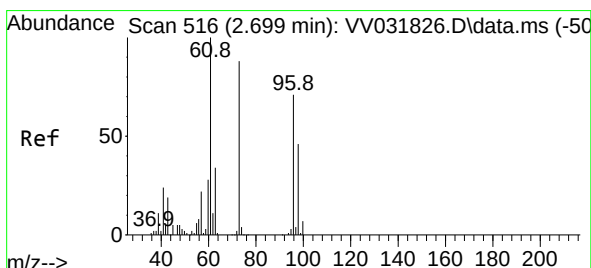
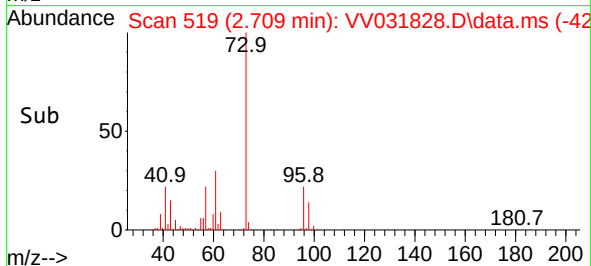
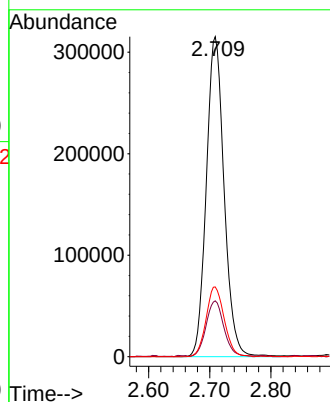
Tgt Ion: 73 Resp: 637588

Ion Ratio Lower Upper

73 100

43 17.2 16.9 25.3

57 22.2 19.7 29.5



#18

trans-1,2-Dichloroethene

Concen: 16.575 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

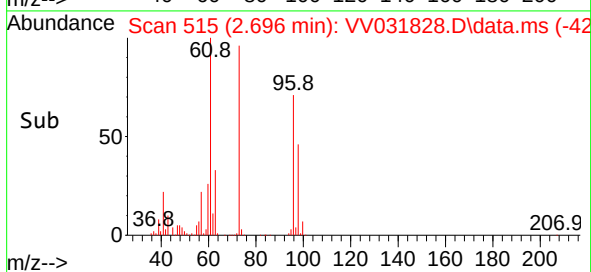
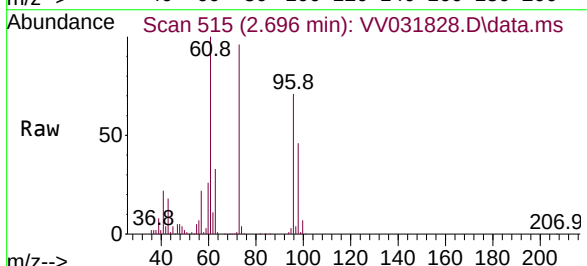
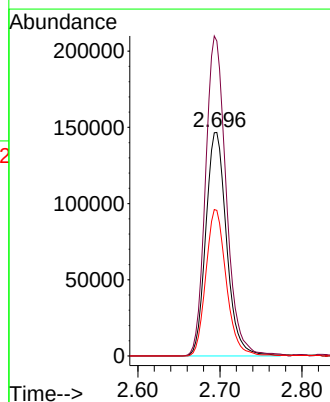
Tgt Ion: 96 Resp: 257952

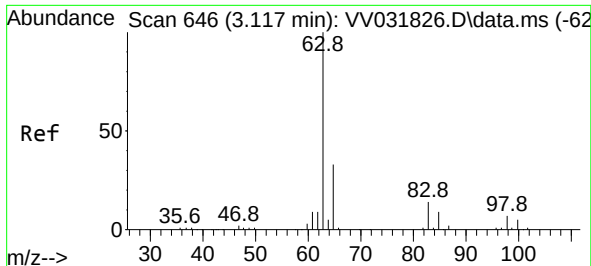
Ion Ratio Lower Upper

96 100

61 140.9 98.8 183.4

98 65.2 45.8 85.2





#19

1,1-Dichloroethane

Concen: 15.669 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :

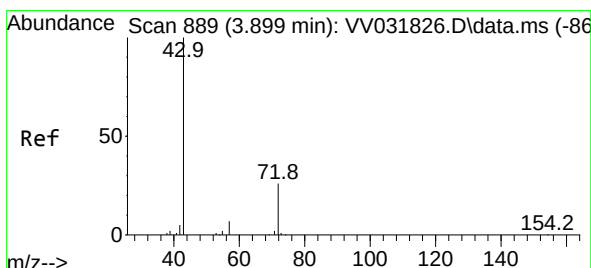
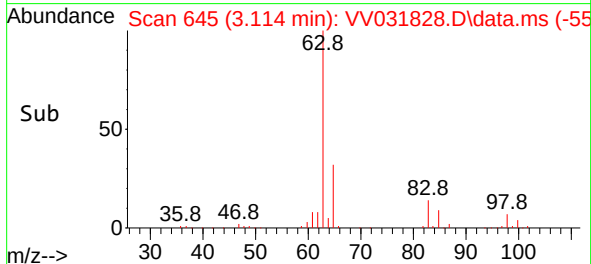
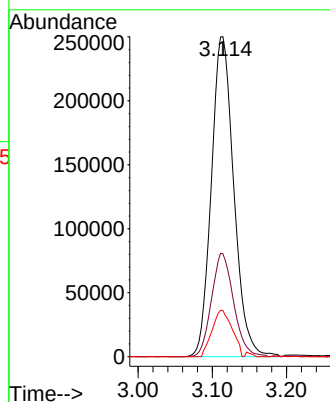
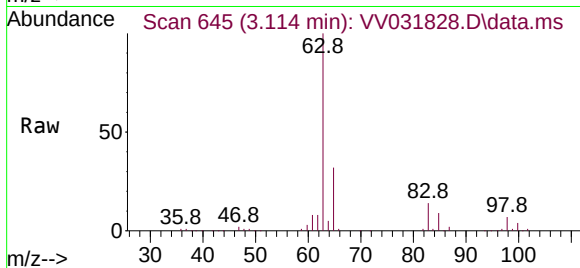
Tgt Ion: 63 Resp: 525968

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 13.8 9.4 17.6



#21

2-Butanone

Concen: 168.863 ug/L

RT: 3.870 min Scan# 880

Delta R.T. -0.029 min

Lab File: VV031828.D

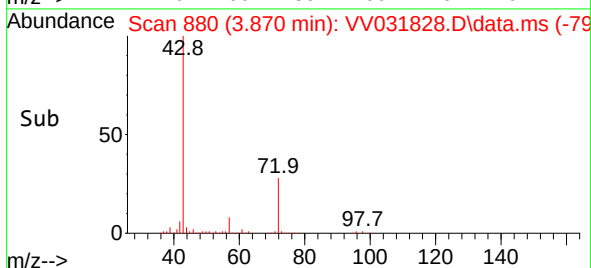
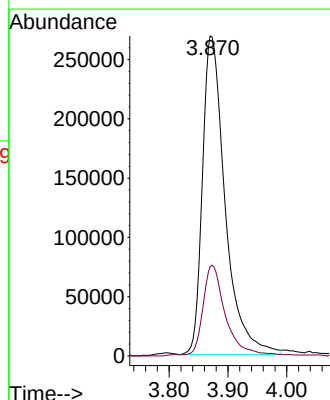
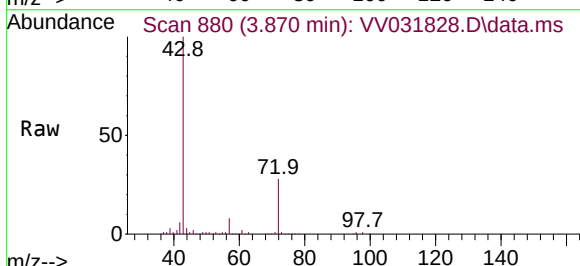
Acq: 17 Aug 2023 13:12

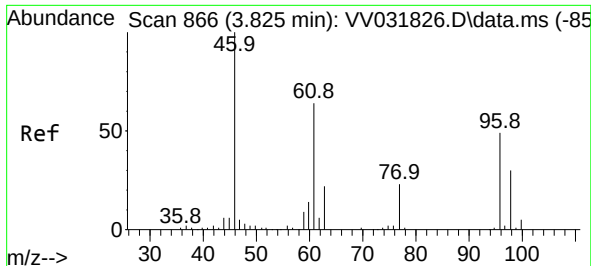
Tgt Ion: 43 Resp: 719835

Ion Ratio Lower Upper

43 100

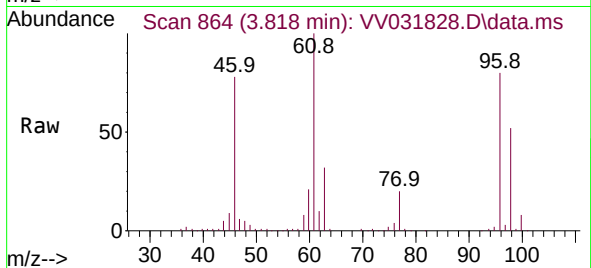
72 27.3 13.5 40.4





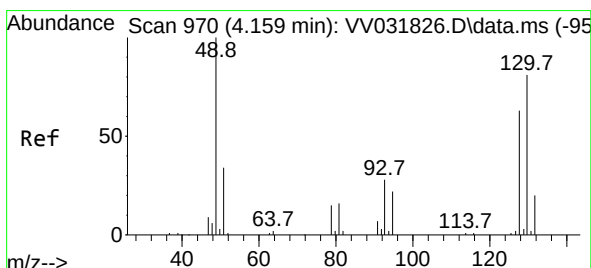
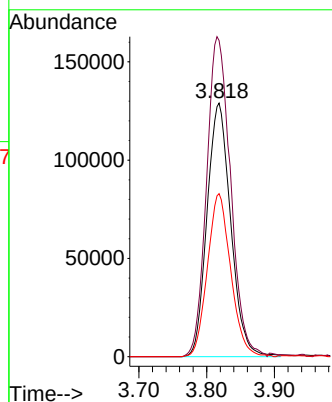
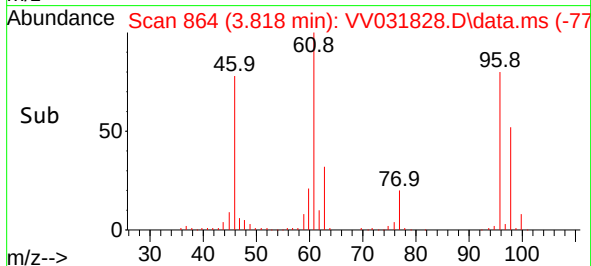
#22
 cis-1,2-Dichloroethene
 Concen: 20.172 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

Instrument :
 MSVOA_V
 ClientSampleId :

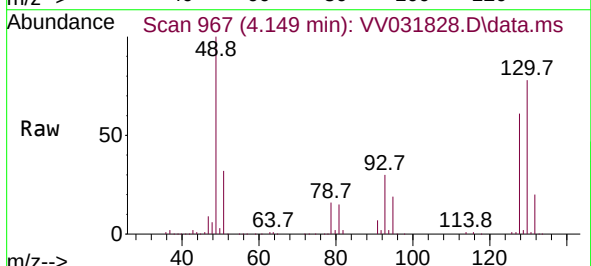


Tgt Ion: 96 Resp: 312861

Ion	Ratio	Lower	Upper
96	100		
61	124.7	88.8	165.0
98	64.3	42.1	78.3

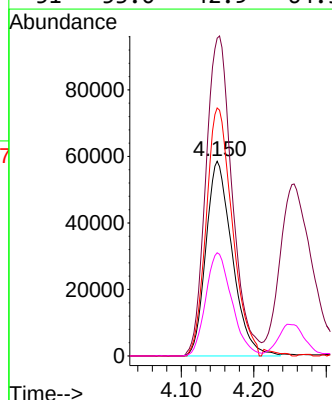
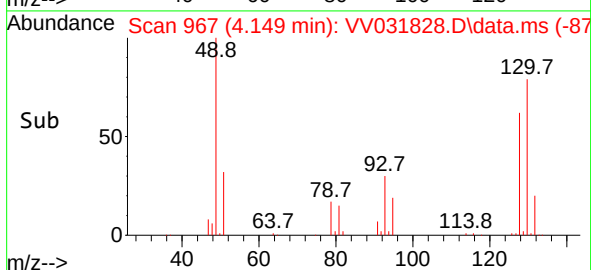


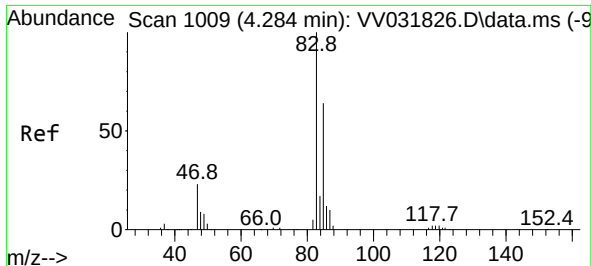
#23
 Bromochloromethane
 Concen: 18.893 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.010 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12



Tgt Ion: 128 Resp: 147456

Ion	Ratio	Lower	Upper
128	100		
49	168.5	115.7	214.9
130	127.3	90.7	168.5
51	53.0	42.9	64.3

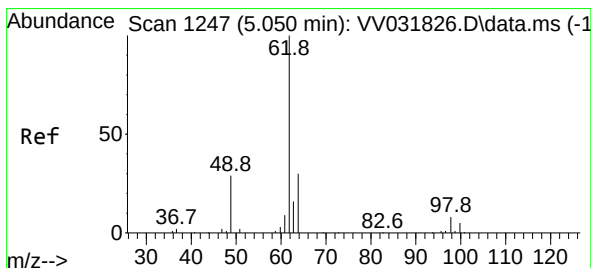
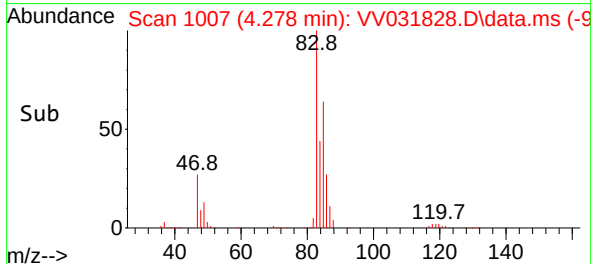
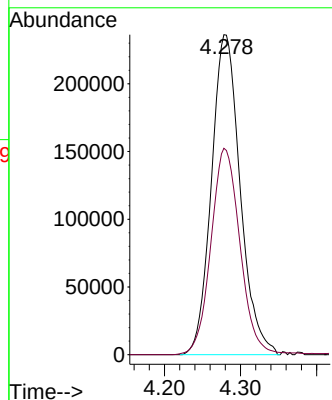
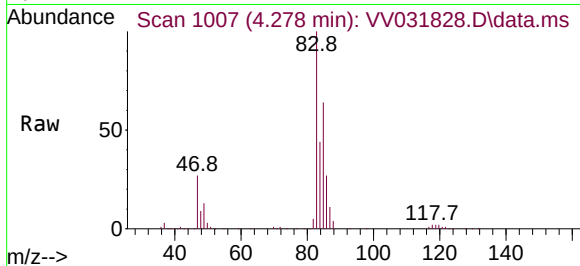




#25
Chloroform
Concen: 18.614 ug/L
RT: 4.278 min Scan# 1009
Delta R.T. -0.006 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

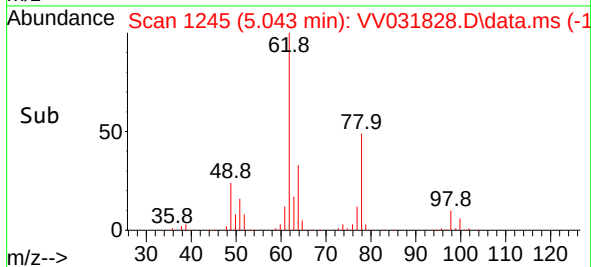
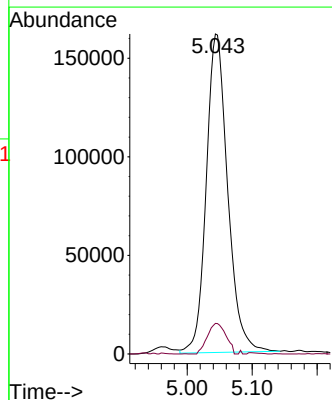
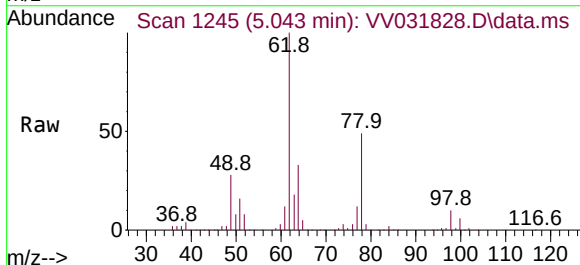
Instrument :
MSVOA_V
ClientSampleId :

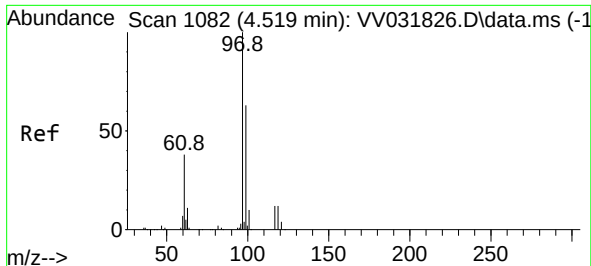
Tgt Ion: 83 Resp: 620860
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 17.729 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.006 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion: 62 Resp: 370486
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 18.385 ug/L

RT: 4.516 min Scan# 1108

Delta R.T. -0.003 min

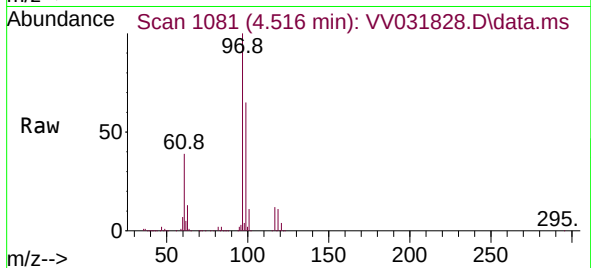
Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :



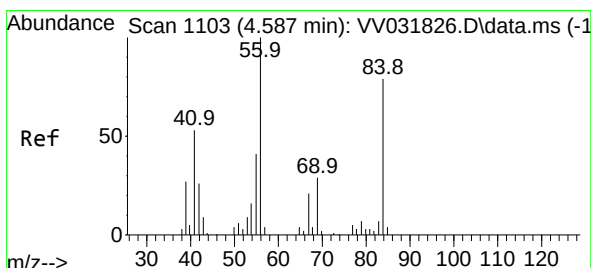
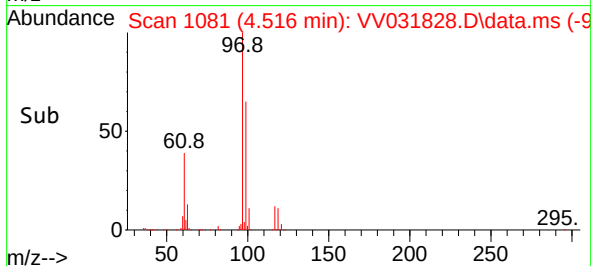
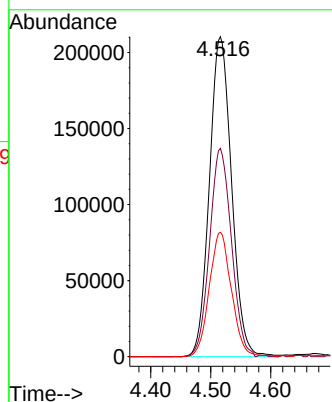
Tgt Ion: 97 Resp: 541017

Ion Ratio Lower Upper

97 100

99 64.1 50.4 75.6

61 38.7 30.6 46.0



#30

Cyclohexane

Concen: 21.079 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

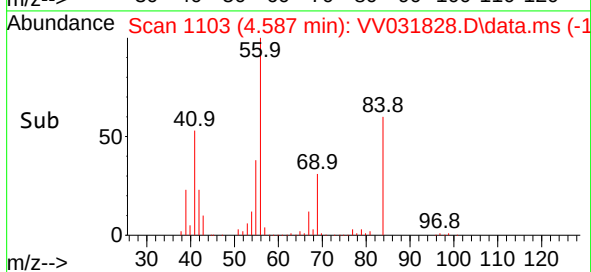
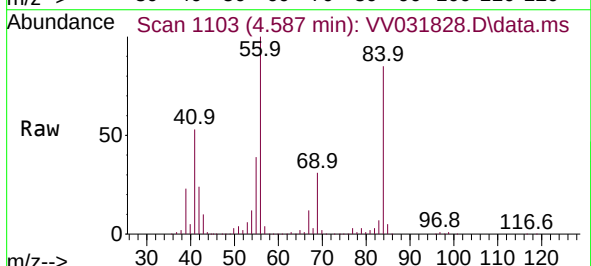
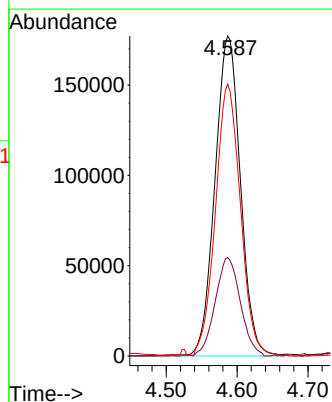
Tgt Ion: 56 Resp: 442043

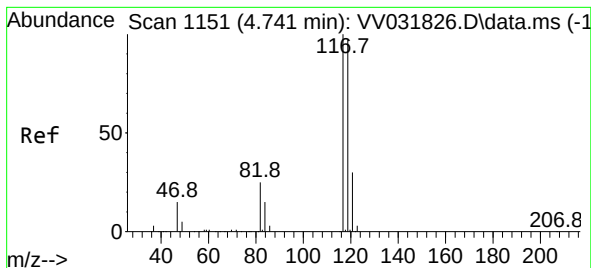
Ion Ratio Lower Upper

56 100

69 30.4 21.9 32.9

84 83.5 66.2 99.2





#31

Carbon tetrachloride

Concen: 18.253 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

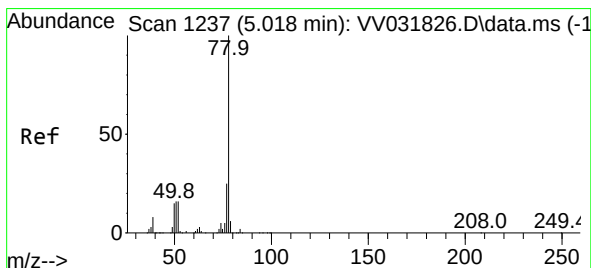
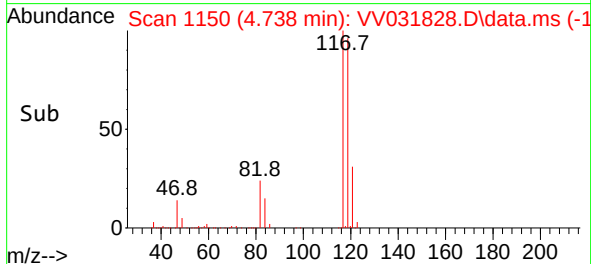
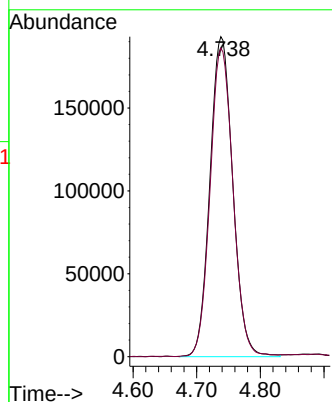
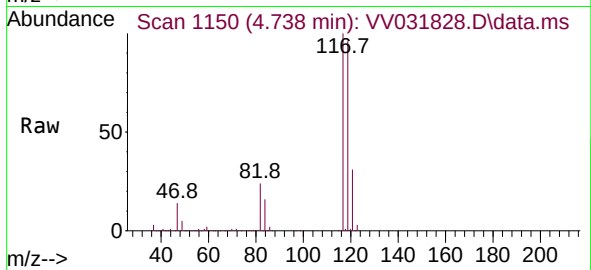
ClientSampleId :

Tgt Ion:117 Resp: 481007

Ion Ratio Lower Upper

117 100

119 96.5 77.9 116.9



#33

Benzene

Concen: 19.533 ug/L

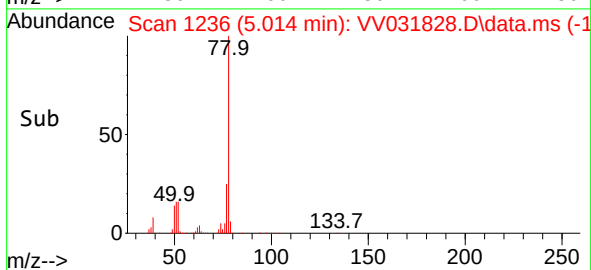
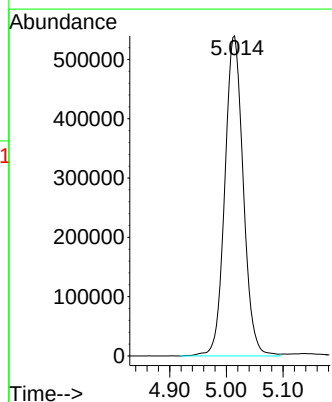
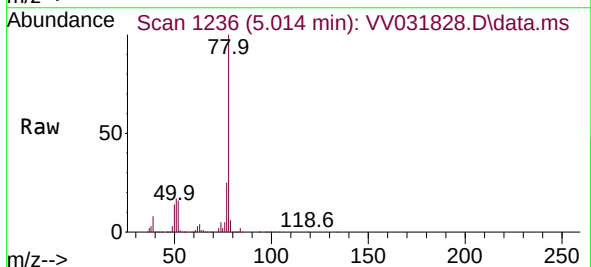
RT: 5.014 min Scan# 1236

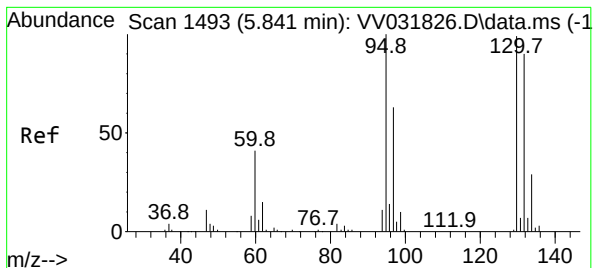
Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Tgt Ion: 78 Resp: 1221202





#34

Trichloroethene

Concen: 19.439 ug/L

RT: 5.838 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 344773

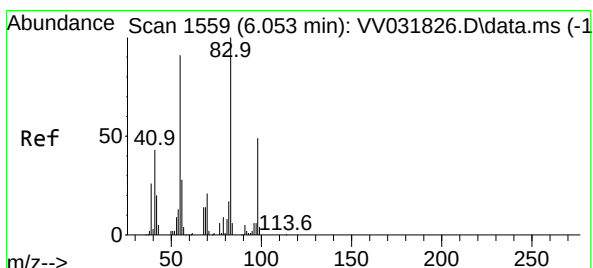
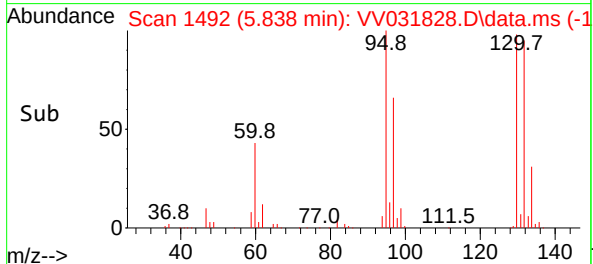
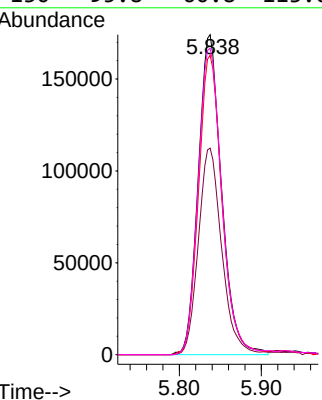
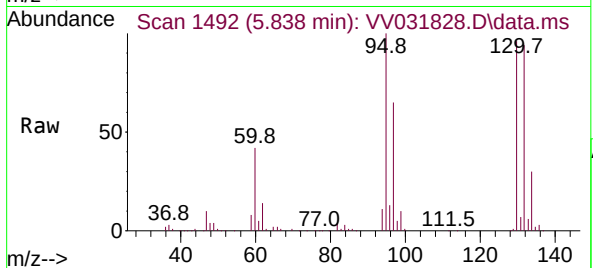
Ion Ratio Lower Upper

95 100

97 64.6 39.0 72.4

132 93.6 55.4 103.0

130 95.8 60.8 113.0



#35

Methylcyclohexane

Concen: 21.720 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

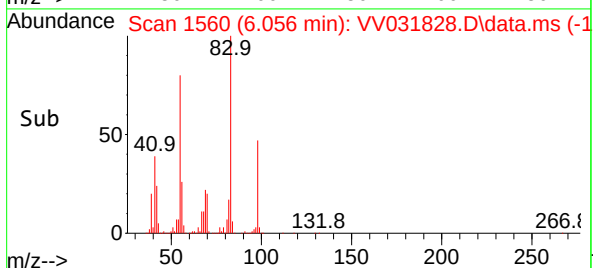
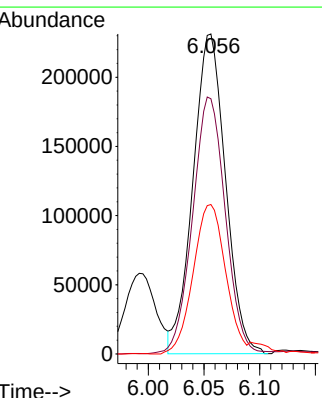
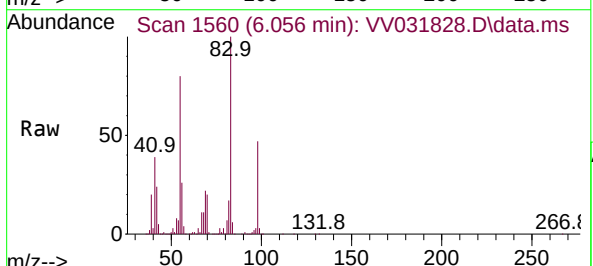
Tgt Ion: 83 Resp: 469560

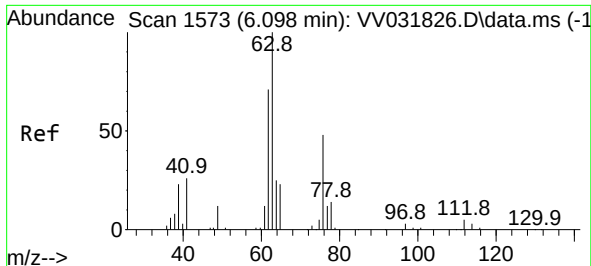
Ion Ratio Lower Upper

83 100

55 80.7 69.1 103.7

98 46.4 38.5 57.7





#37

1,2-Dichloropropane

Concen: 18.769 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

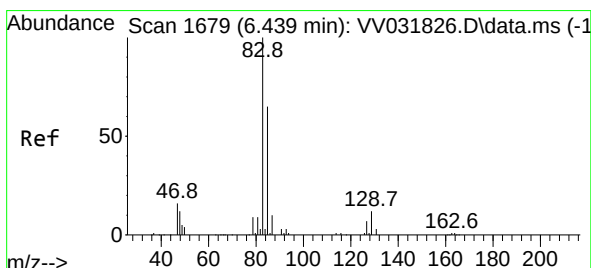
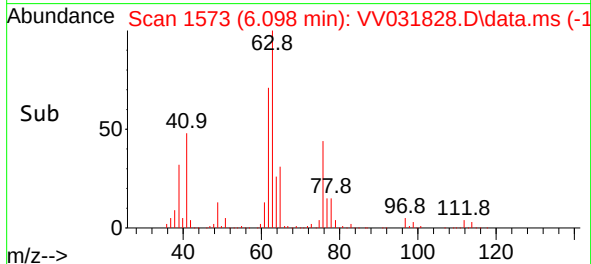
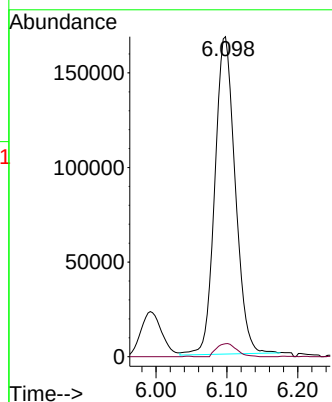
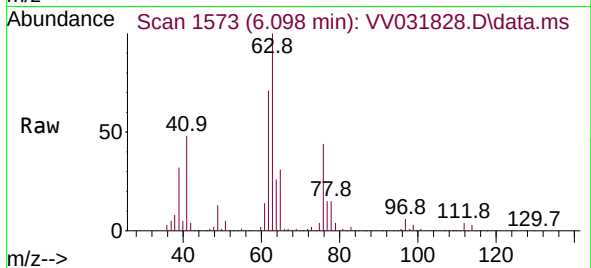
ClientSampleId :

Tgt Ion: 63 Resp: 334875

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 18.384 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

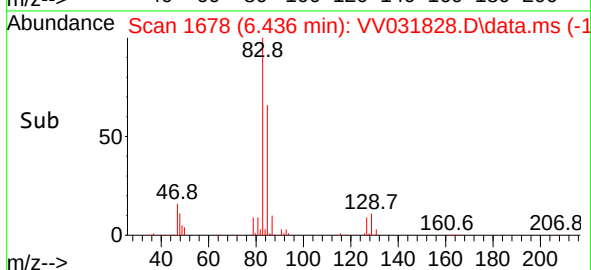
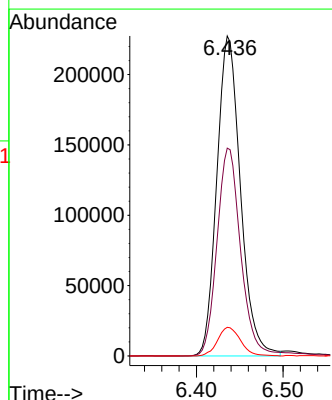
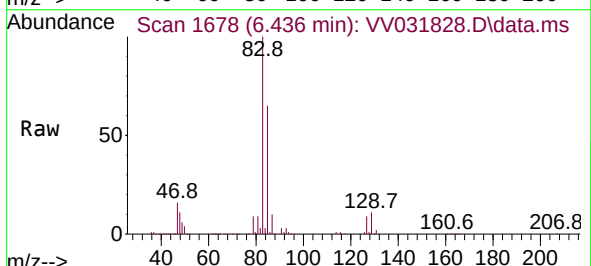
Tgt Ion: 83 Resp: 431775

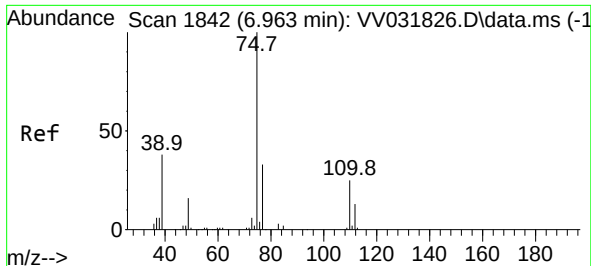
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2

127 8.9 5.9 8.9#





#39

cis-1,3-Dichloropropene

Concen: 22.280 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

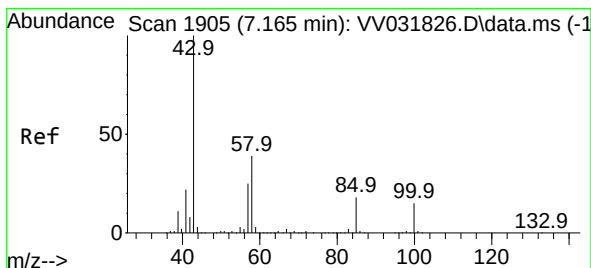
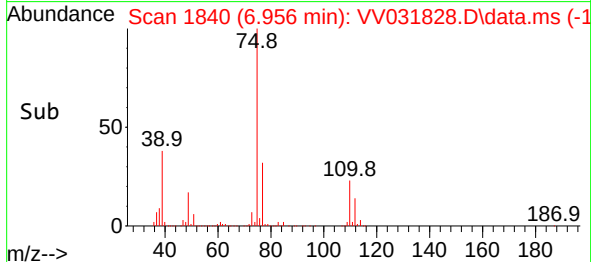
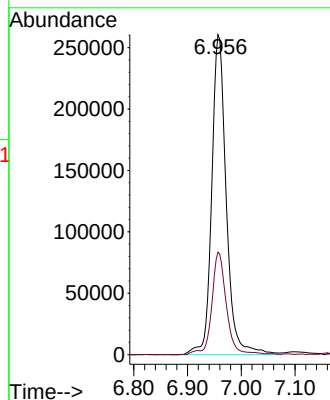
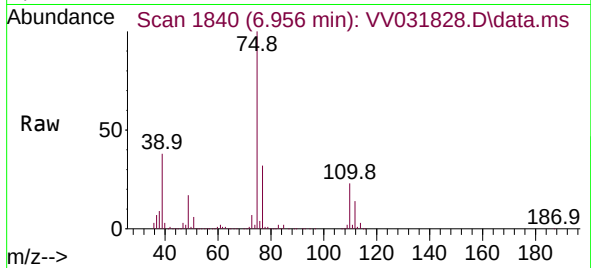
ClientSampleId :

Tgt Ion: 75 Resp: 490469

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 213.603 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

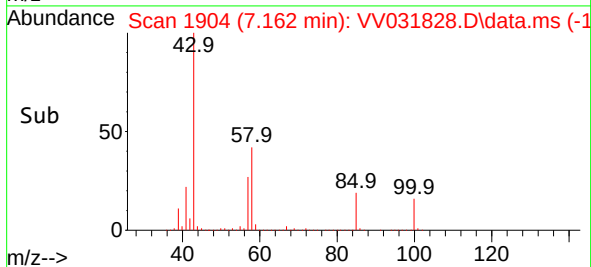
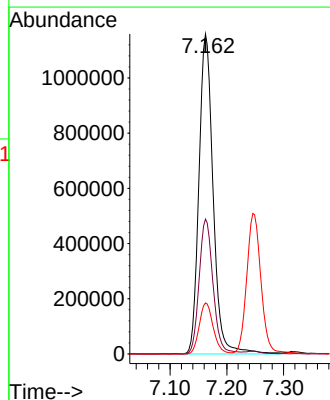
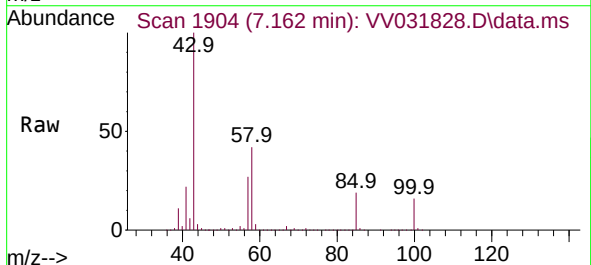
Tgt Ion: 43 Resp: 2016070

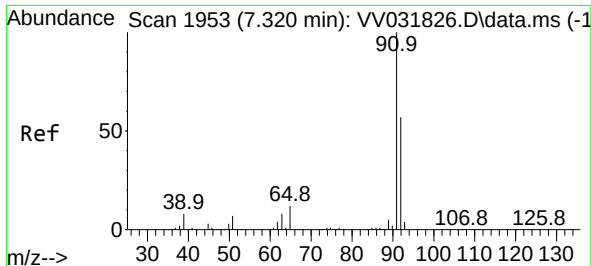
Ion Ratio Lower Upper

43 100

58 41.4 31.4 47.2

100 15.7 11.2 16.8





#42

Toluene

Concen: 22.373 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

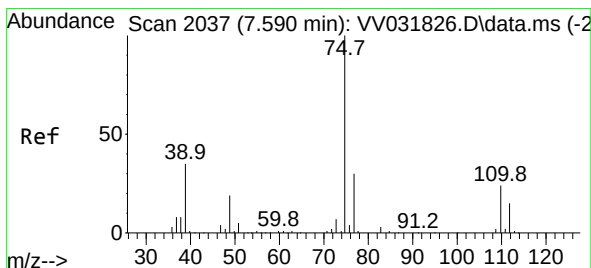
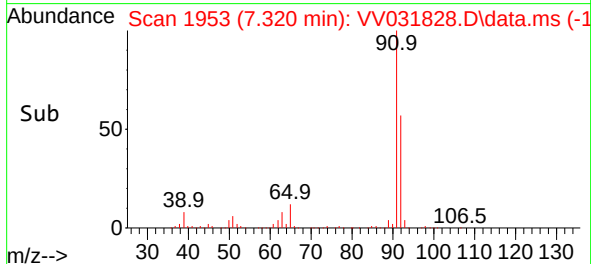
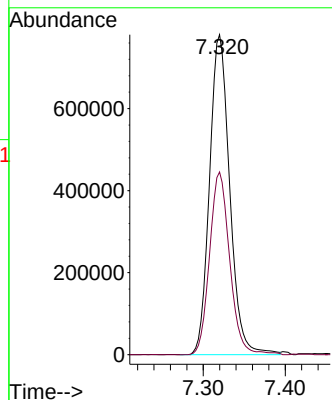
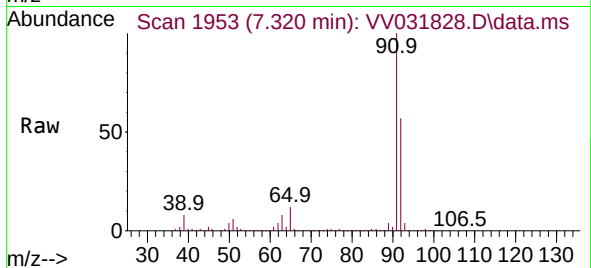
ClientSampleId :

Tgt Ion: 91 Resp: 1332455

Ion Ratio Lower Upper

91 100

92 57.1 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 21.612 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.006 min

Lab File: VV031828.D

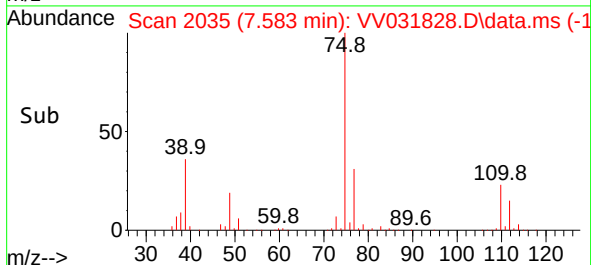
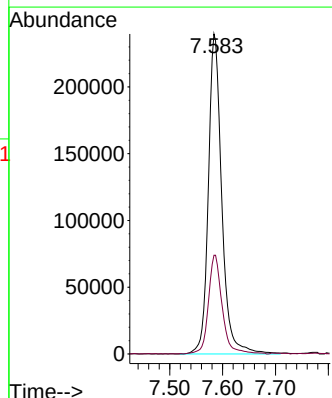
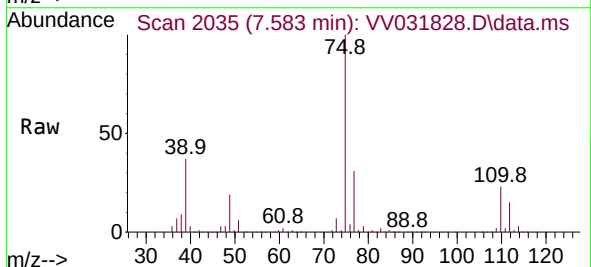
Acq: 17 Aug 2023 13:12

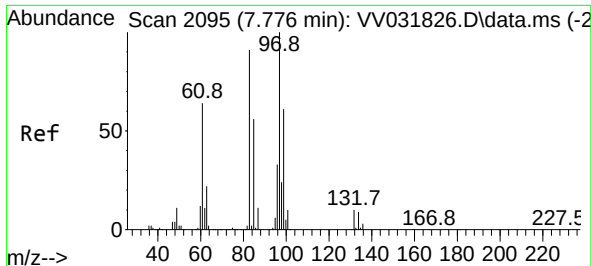
Tgt Ion: 75 Resp: 422661

Ion Ratio Lower Upper

75 100

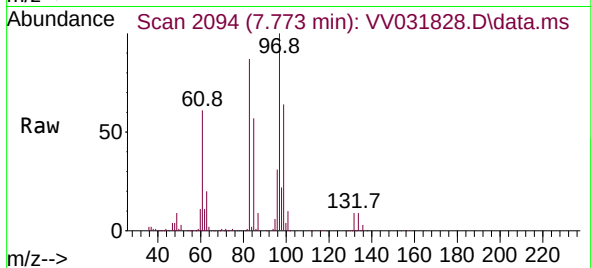
77 30.9 22.4 41.6



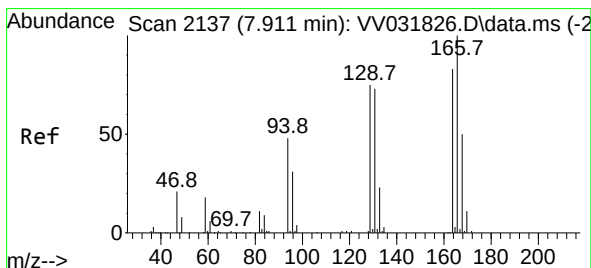
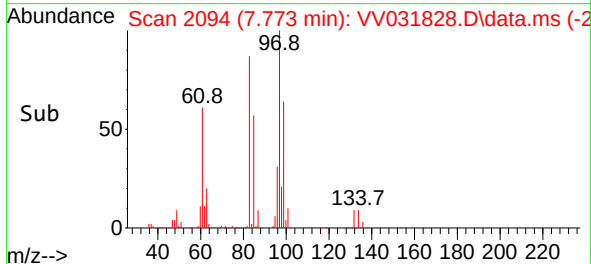
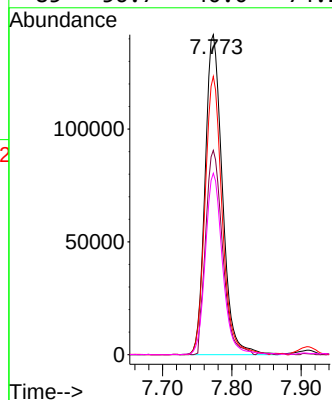


#45
1,1,2-Trichloroethane
Concen: 18.493 ug/L
RT: 7.773 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Instrument :
MSVOA_V
ClientSampleId :

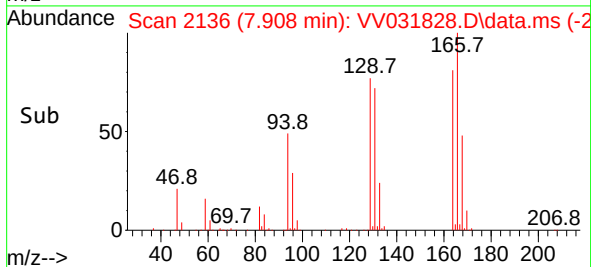
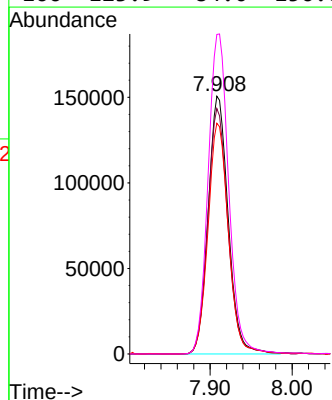
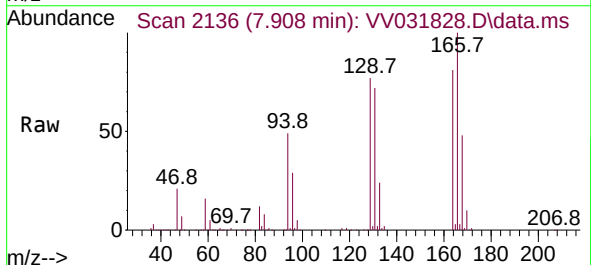


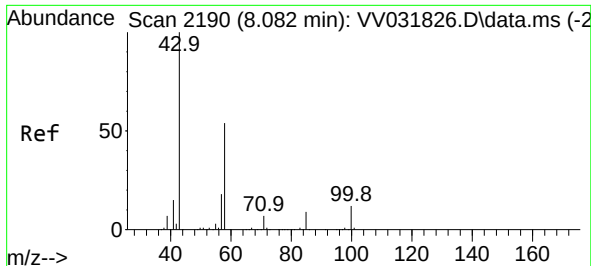
Tgt Ion:	97	Resp:	246148
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.0	79.8
83	87.0	63.8	118.4
85	56.7	40.0	74.2



#47
Tetrachloroethene
Concen: 20.691 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

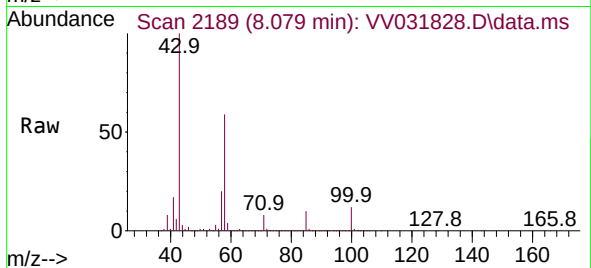
Tgt Ion:	164	Resp:	256285
Ion	Ratio	Lower	Upper
164	100		
129	95.2	62.9	116.7
131	89.5	61.2	113.8
166	123.9	84.0	156.0





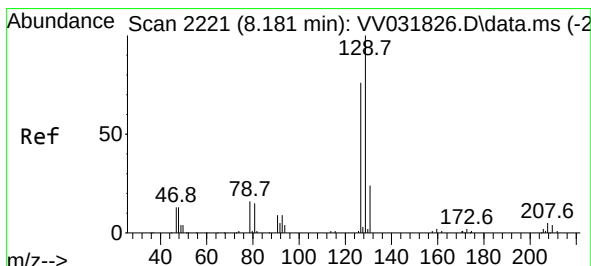
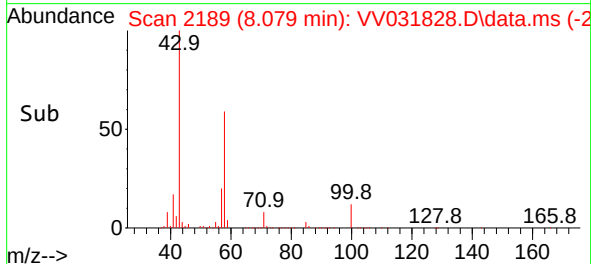
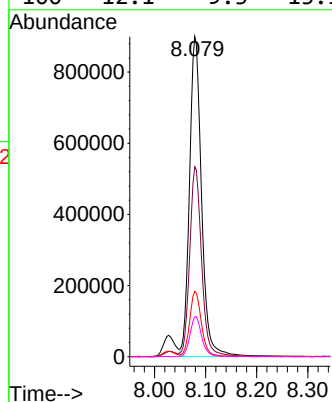
#48
2-Hexanone
Concen: 211.278 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1469576

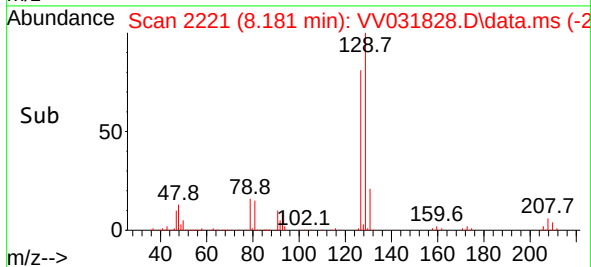
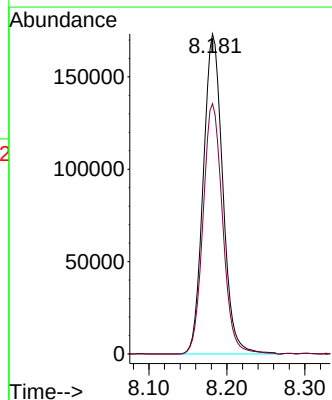
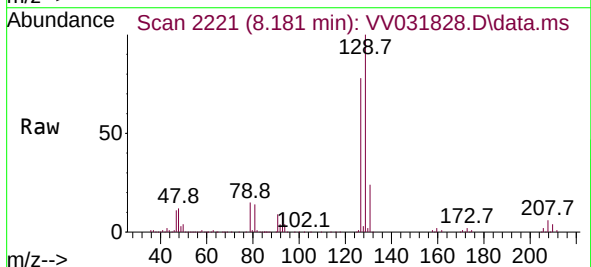
Ion	Ratio	Lower	Upper
43	100		
58	58.2	44.4	66.6
57	20.2	15.0	22.6
100	12.1	9.3	13.9

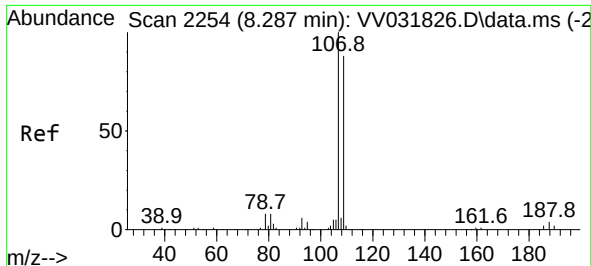


#49
Dibromochloromethane
Concen: 20.864 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion: 129 Resp: 300555

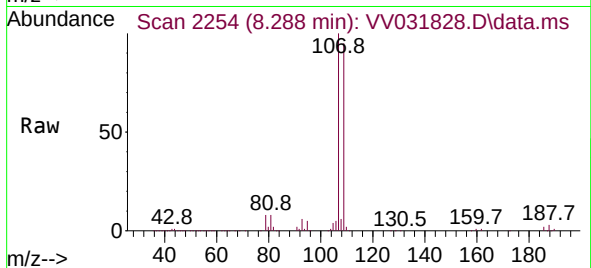
Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.6	103.2



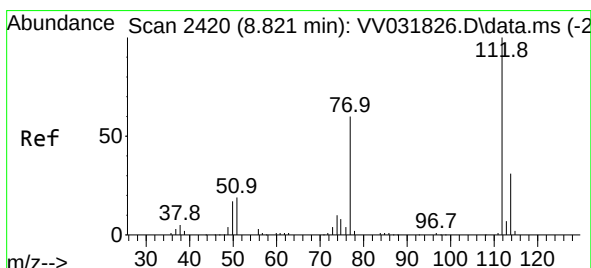
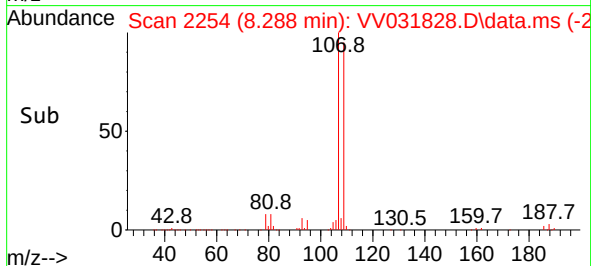
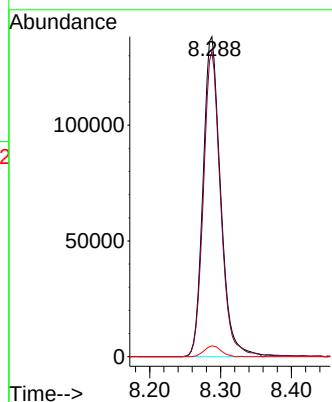


#50
1,2-Dibromoethane
Concen: 19.045 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Instrument :
MSVOA_V
ClientSampleId :

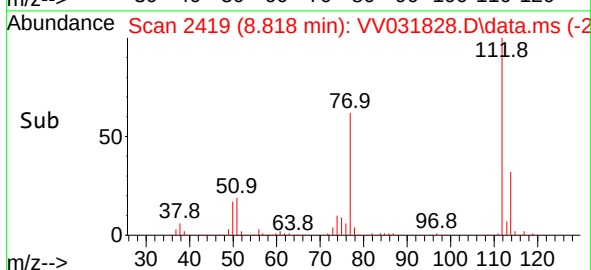
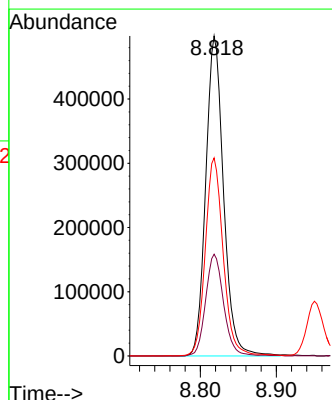
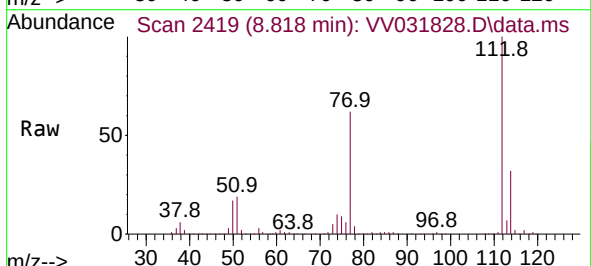


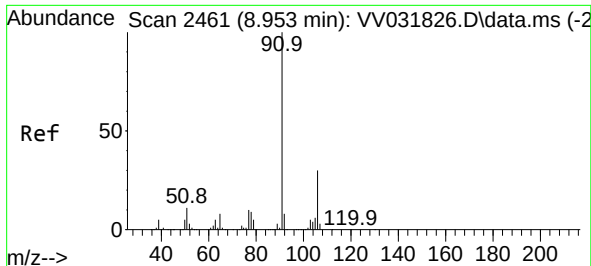
Tgt Ion:107 Resp: 238186
Ion Ratio Lower Upper
107 100
109 95.3 63.6 118.0
188 3.5 3.2 4.8



#51
Chlorobenzene
Concen: 20.304 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion:112 Resp: 810734
Ion Ratio Lower Upper
112 100
114 31.8 20.5 38.1
77 61.9 45.0 67.6

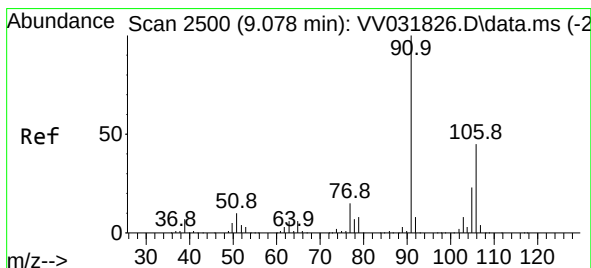
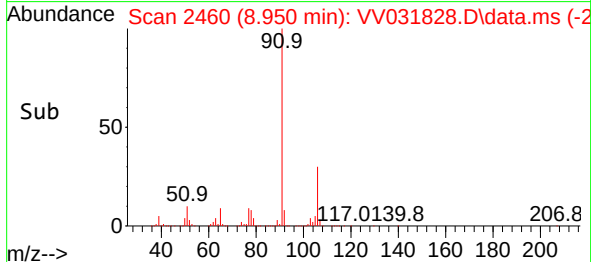
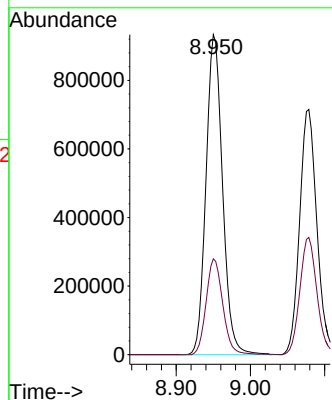
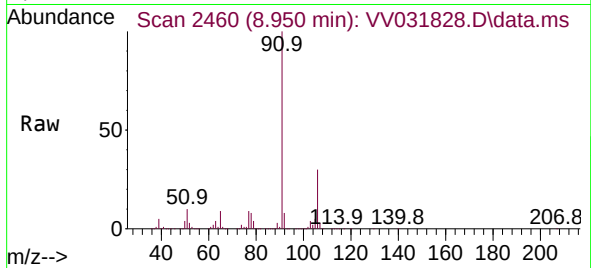




#52
Ethylbenzene
Concen: 23.892 ug/L
RT: 8.950 min Scan# 2461
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

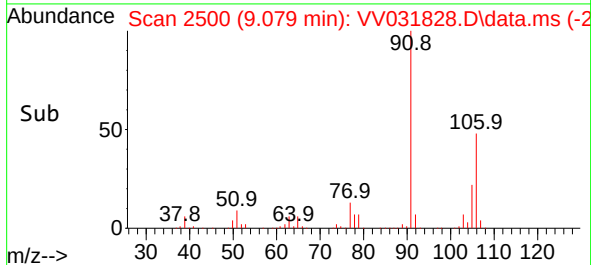
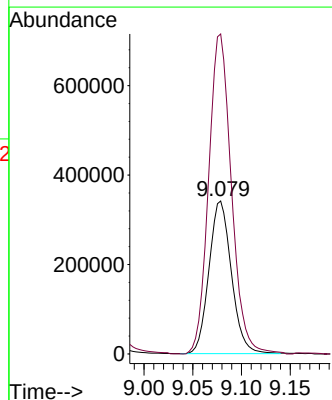
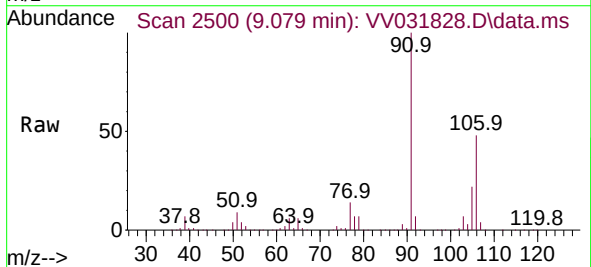
Instrument :
MSVOA_V
ClientSampleId :

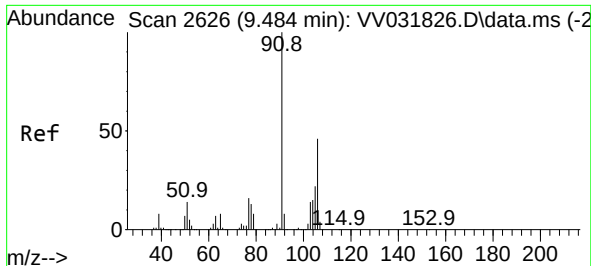
Tgt Ion: 91 Resp: 1441858
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.7



#53
m,p-Xylene
Concen: 25.035 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion:106 Resp: 547367
Ion Ratio Lower Upper
106 100
91 209.3 155.7 289.1

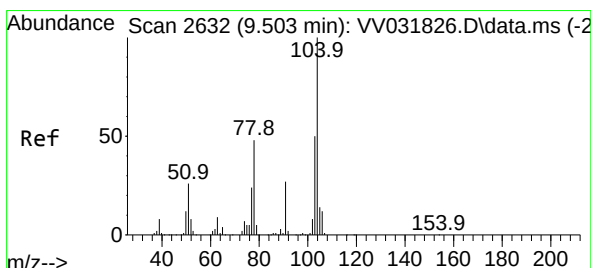
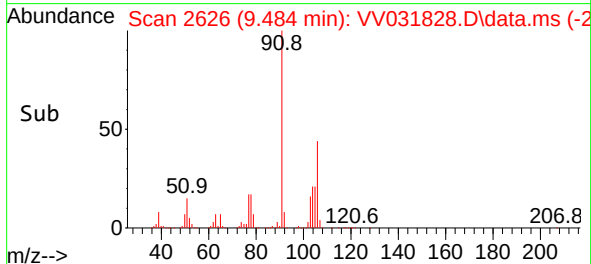
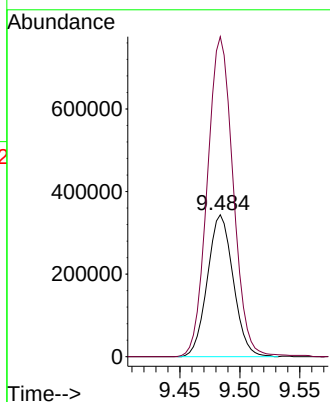
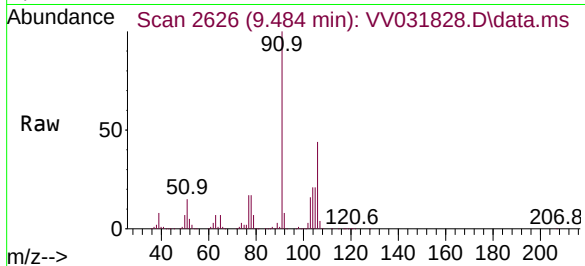




#54
o-Xylene
Concen: 24.926 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

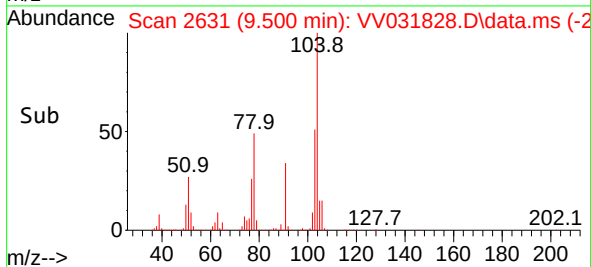
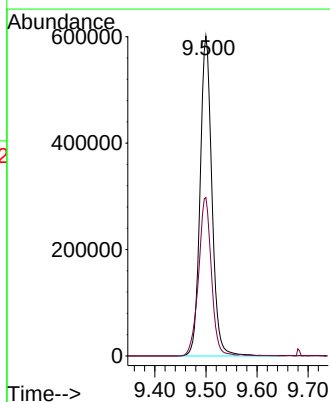
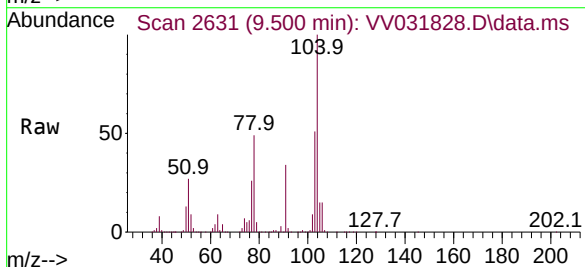
Instrument :
MSVOA_V
ClientSampleId :

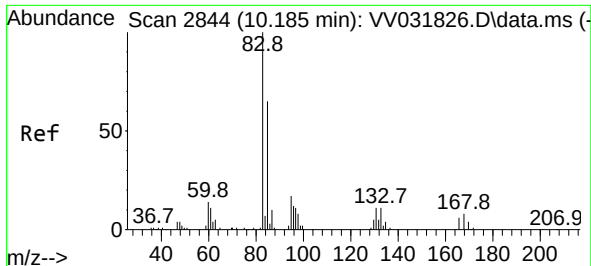
Tgt Ion:106 Resp: 513881
Ion Ratio Lower Upper
106 100
91 225.3 154.0 286.0



#55
Styrene
Concen: 25.042 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion:104 Resp: 965805
Ion Ratio Lower Upper
104 100
78 49.5 33.9 63.0

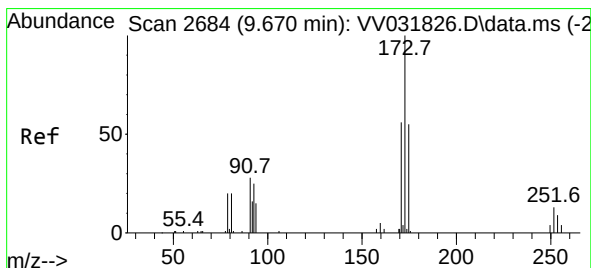
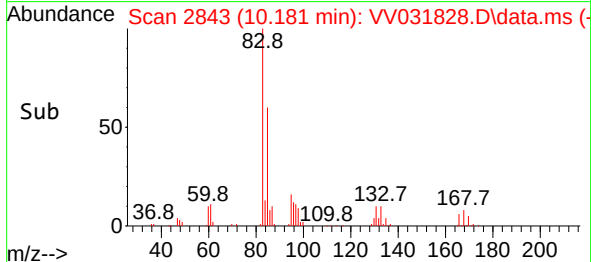
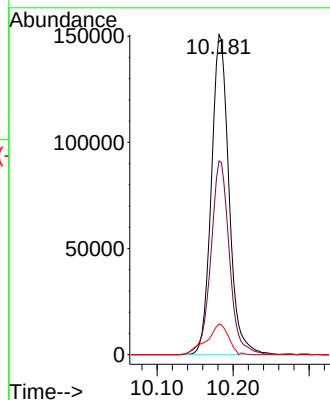
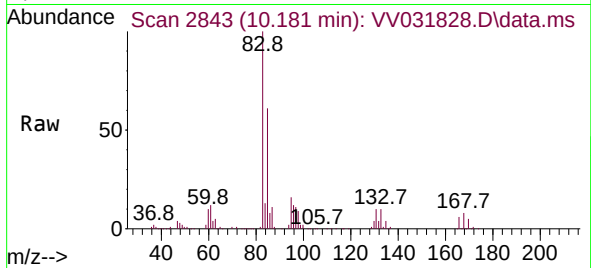




#57
1,1,2,2-Tetrachloroethane
Concen: 17.316 ug/L
RT: 10.181 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

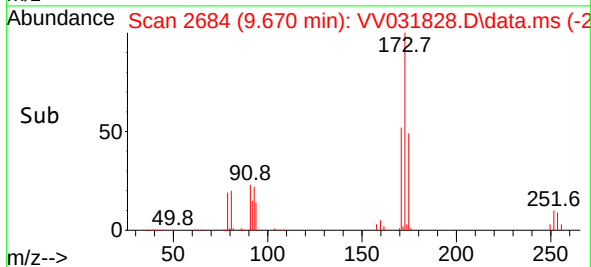
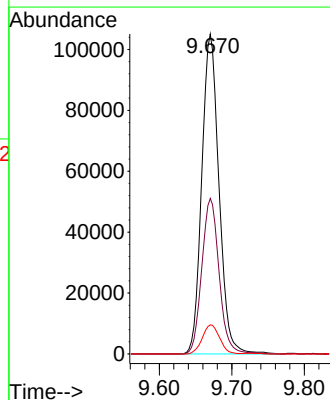
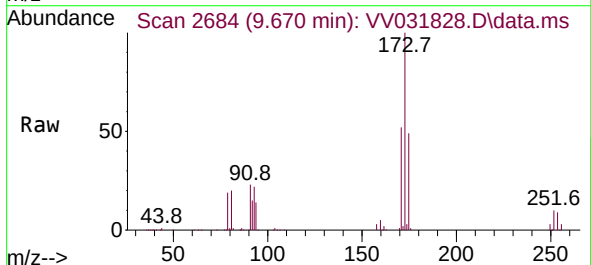
Instrument :
MSVOA_V
ClientSampleId :

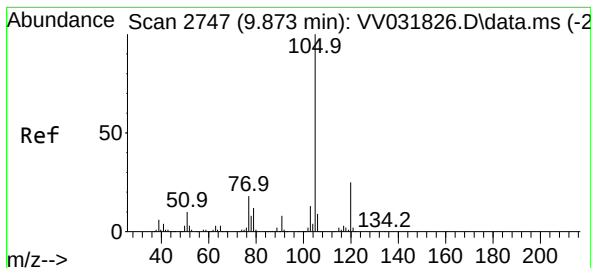
Tgt Ion: 83 Resp: 242412
Ion Ratio Lower Upper
83 100
85 60.6 45.4 84.4
131 9.5 8.7 13.1



#59
Bromoform
Concen: 18.749 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion: 173 Resp: 173109
Ion Ratio Lower Upper
173 100
175 48.9 40.4 60.6
254 9.2 7.6 11.4





#60

Isopropylbenzene

Concen: 22.717 ug/L

RT: 9.873 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :

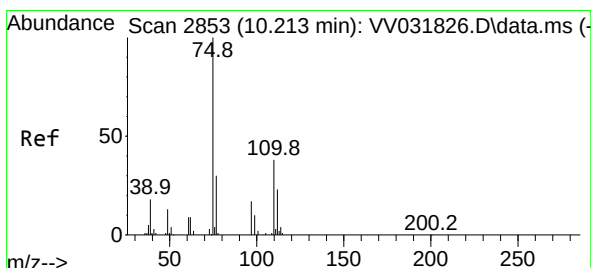
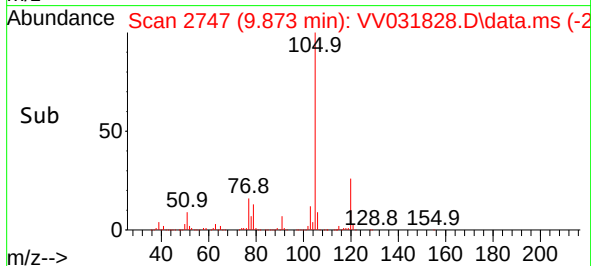
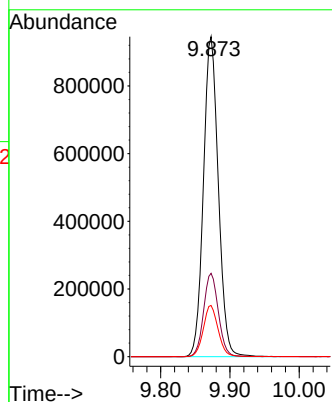
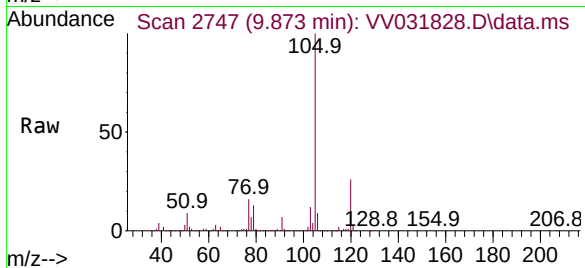
Tgt Ion:105 Resp: 1408099

Ion Ratio Lower Upper

105 100

120 25.9 20.6 30.8

77 16.0 14.2 21.2



#61

1,2,3-Trichloropropane

Concen: 15.974 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

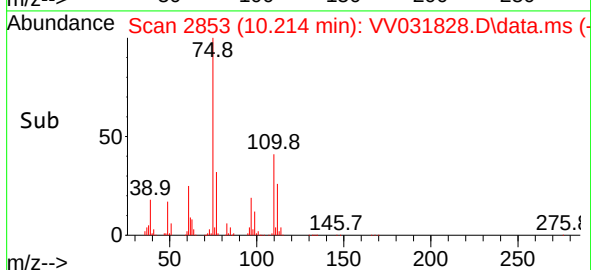
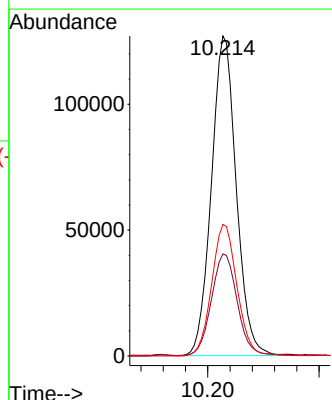
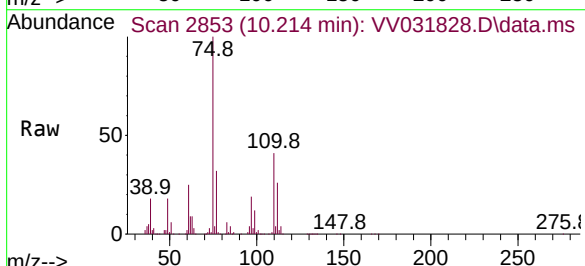
Tgt Ion: 75 Resp: 196592

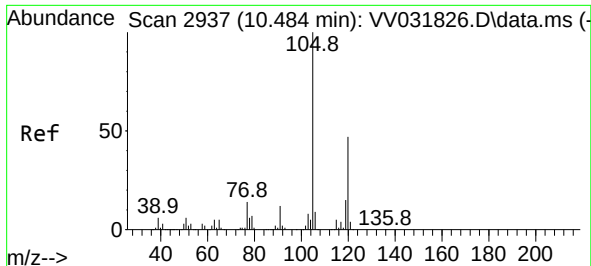
Ion Ratio Lower Upper

75 100

77 32.8 26.6 40.0

110 42.1 32.0 48.0

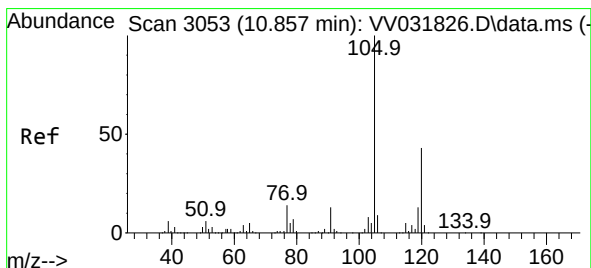
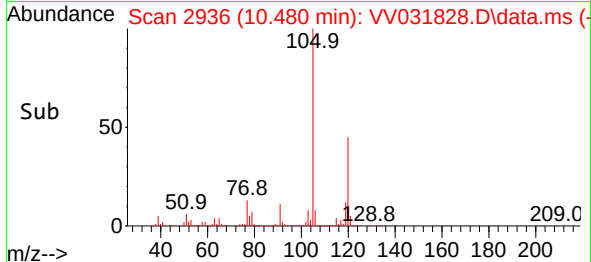
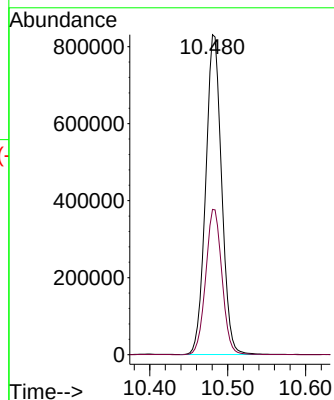
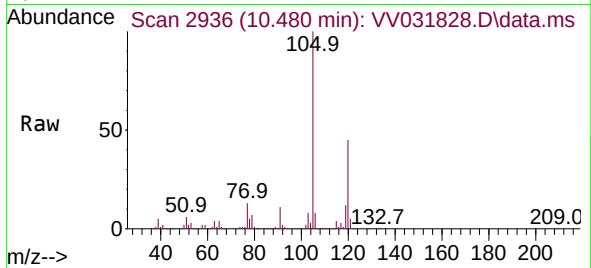




#62
 1,3,5-Trimethylbenzene
 Concen: 23.630 ug/L
 RT: 10.480 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

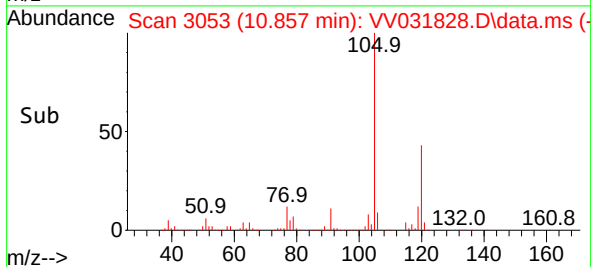
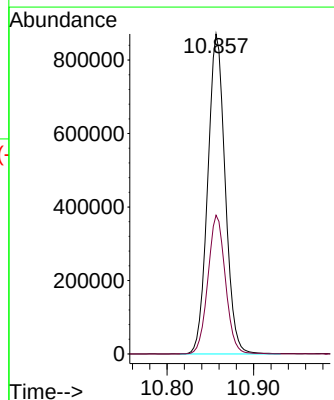
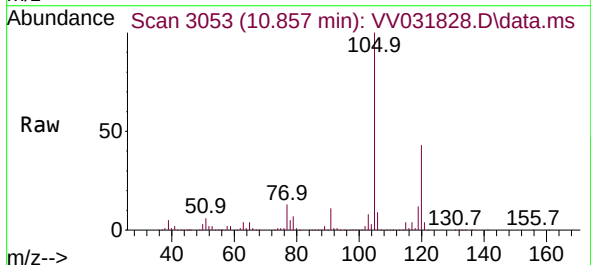
Instrument :
 MSVOA_V
 ClientSampleId :

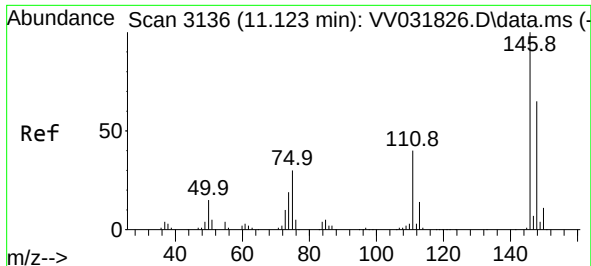
Tgt Ion:105 Resp: 1181010
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.406 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV031828.D
 Acq: 17 Aug 2023 13:12

Tgt Ion:105 Resp: 1218010
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.5 51.7

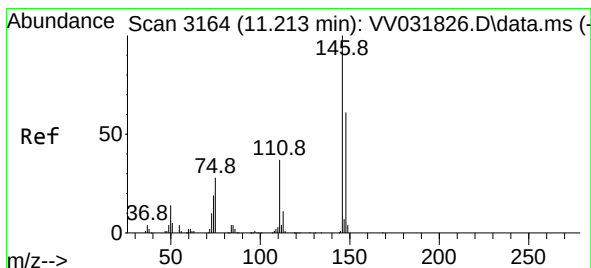
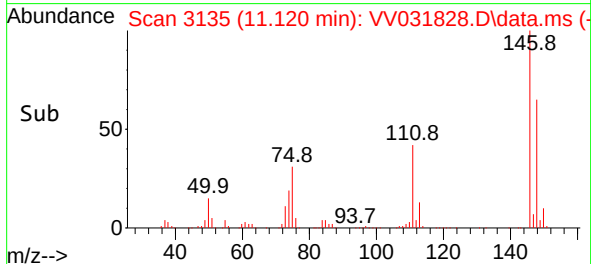
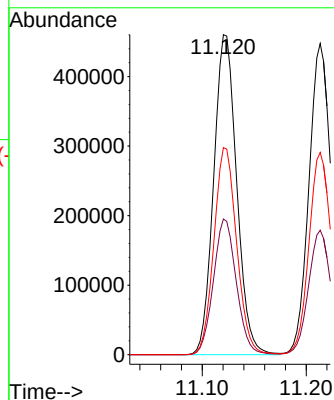
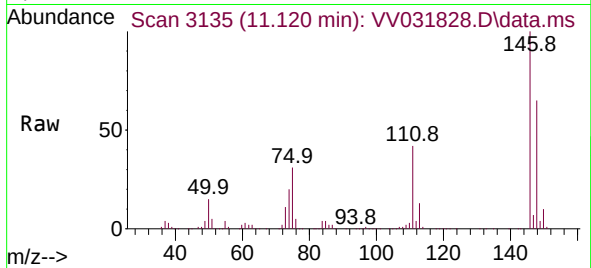




#64
1,3-Dichlorobenzene
Concen: 20.888 ug/L
RT: 11.120 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

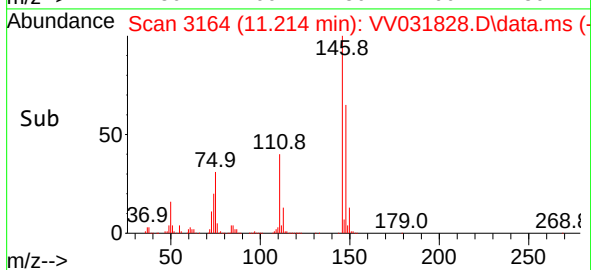
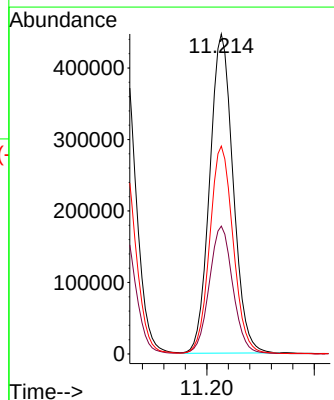
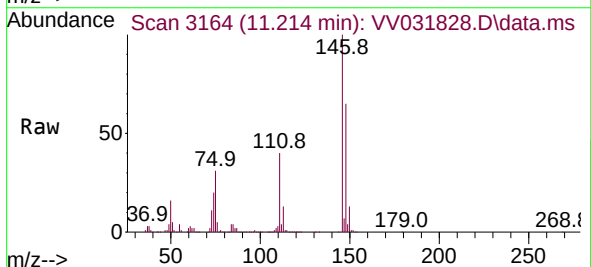
Instrument :
MSVOA_V
ClientSampleId :

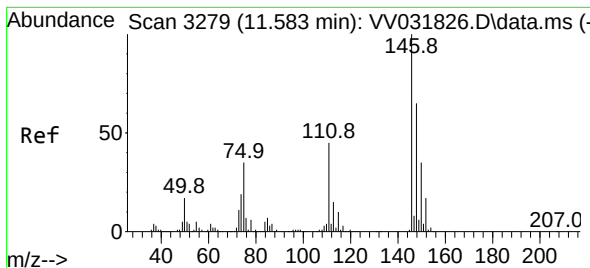
Tgt Ion:146 Resp: 707914
Ion Ratio Lower Upper
146 100
111 42.4 28.2 52.4
148 64.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 18.976 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031828.D
Acq: 17 Aug 2023 13:12

Tgt Ion:146 Resp: 675042
Ion Ratio Lower Upper
146 100
111 40.0 26.2 48.8
148 65.0 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 20.720 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :

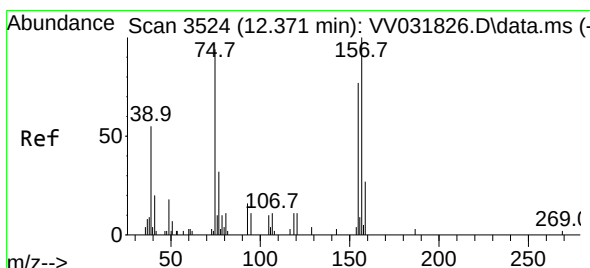
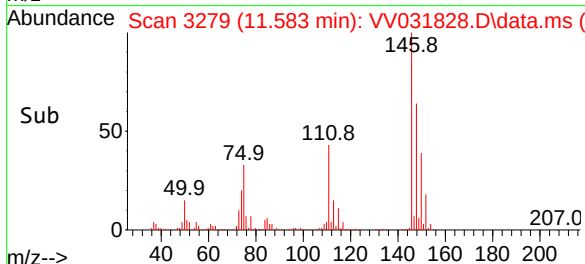
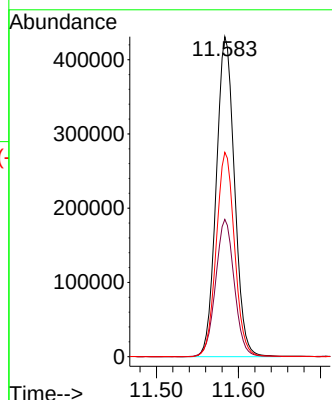
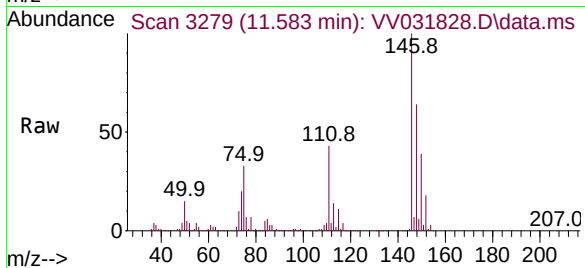
Tgt Ion:146 Resp: 667215

Ion Ratio Lower Upper

146 100

111 42.9 36.1 54.1

148 63.8 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 19.432 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

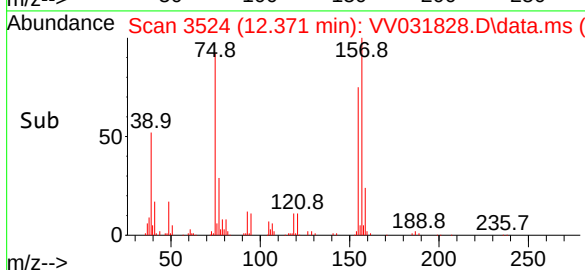
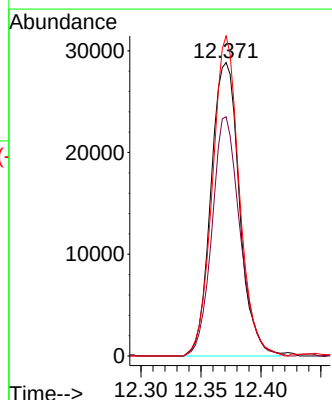
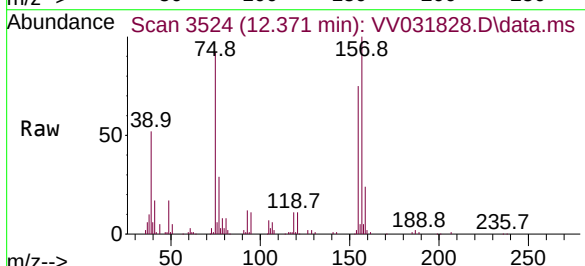
Tgt Ion: 75 Resp: 47511

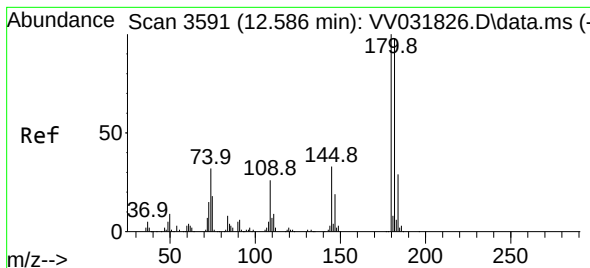
Ion Ratio Lower Upper

75 100

155 81.5 63.8 95.6

157 109.1 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 20.416 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

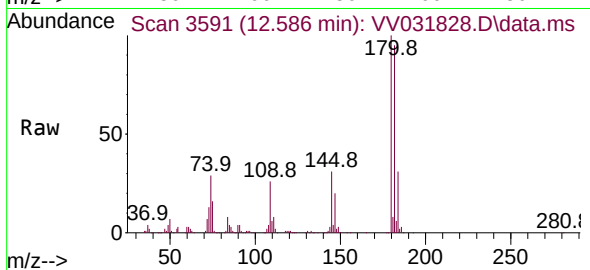
Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 508520

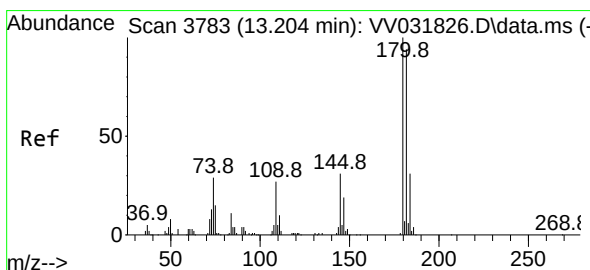
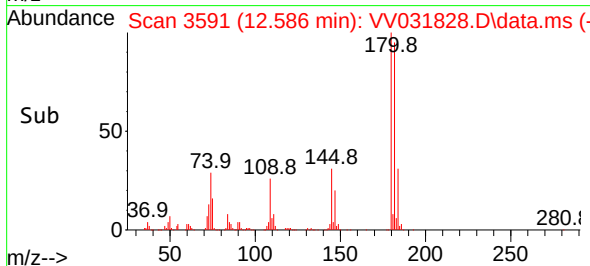
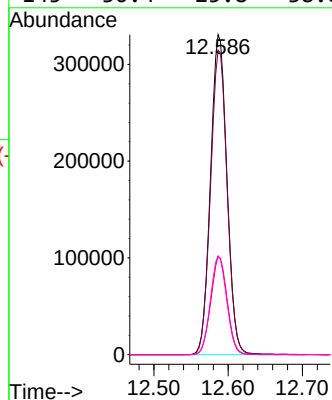
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

184 30.5 23.7 35.5

145 30.4 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 22.957 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

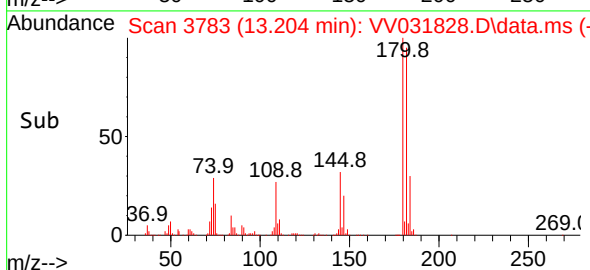
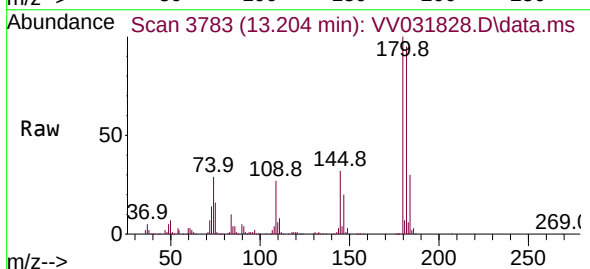
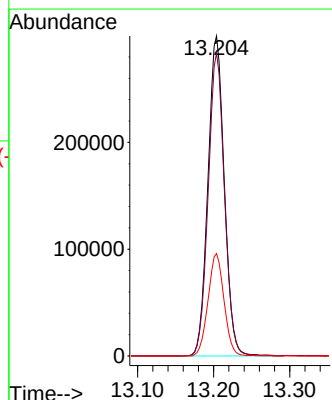
Tgt Ion:180 Resp: 448730

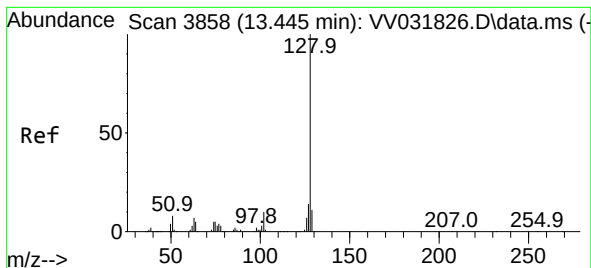
Ion Ratio Lower Upper

180 100

182 93.7 75.2 112.8

145 31.2 25.0 37.4





#71

Naphthalene

Concen: 23.018 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Instrument :

MSVOA_V

ClientSampleId :

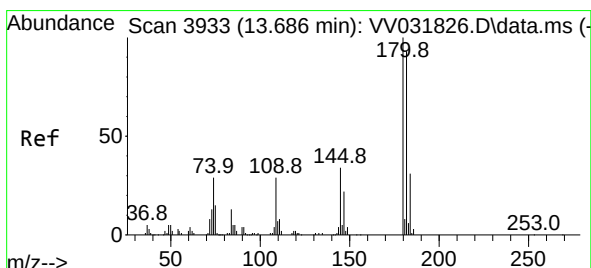
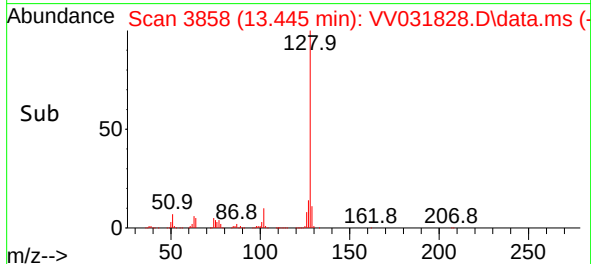
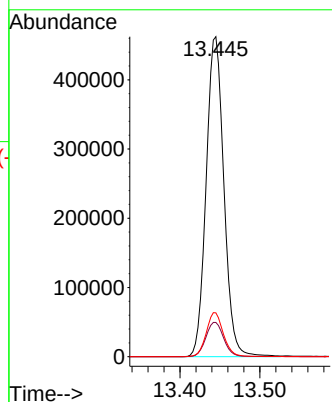
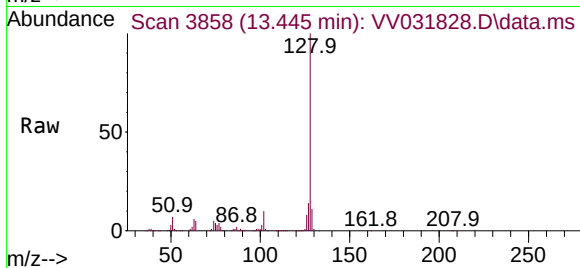
Tgt Ion:128 Resp: 714957

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.3 11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 22.955 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031828.D

Acq: 17 Aug 2023 13:12

Tgt Ion:180 Resp: 413655

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 34.0 27.6 41.4

