

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032487.D
 Acq On : 19 Oct 2023 10:59
 Operator : SY/MD
 Sample : 04944-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 06:20:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	102479	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41156	4.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.535	69	35097	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.060	65	16846	4.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.805	46	96363	45.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	4.252	84	75481	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.944	65	36033	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.963	84	137140	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.989	67	47295	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.243	98	131515	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.558	79	16760	4.362	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.027	63	80274	44.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.800%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34760	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	44312	4.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43311	3.793	ug/L	99
5) Vinyl chloride	1.285	62	49516	4.510	ug/L	100
8) Chloroethane	1.552	64	109121	16.508	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	99853	12.515	ug/L	100
12) 1,1-Dichloroethene	2.072	96	20034	2.666	ug/L	86
13) Acetone	2.137	43	448033	275.711	ug/L	95
15) Methyl Acetate	2.384	43	39887	10.903	ug/L	97
16) Methylene chloride	2.449	84	3206	0.327	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	25706	2.986	ug/L	97
19) 1,1-Dichloroethane	3.114	63	38597	2.383	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	40095	4.326	ug/L	93
23) Bromochloromethane	4.153	128	21922	5.622	ug/L	98
25) Chloroform	4.278	83	145864	9.180	ug/L	97
27) 1,2-Dichloroethane	5.050	62	22189	2.364	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	31829	2.105	ug/L	97
31) Carbon tetrachloride	4.735	117	40827	3.191	ug/L	98
34) Trichloroethene	5.834	95	24246	2.268	ug/L	95
35) Methylcyclohexane	5.989	83	10771	0.651	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	4913	0.469	ug/L #	88

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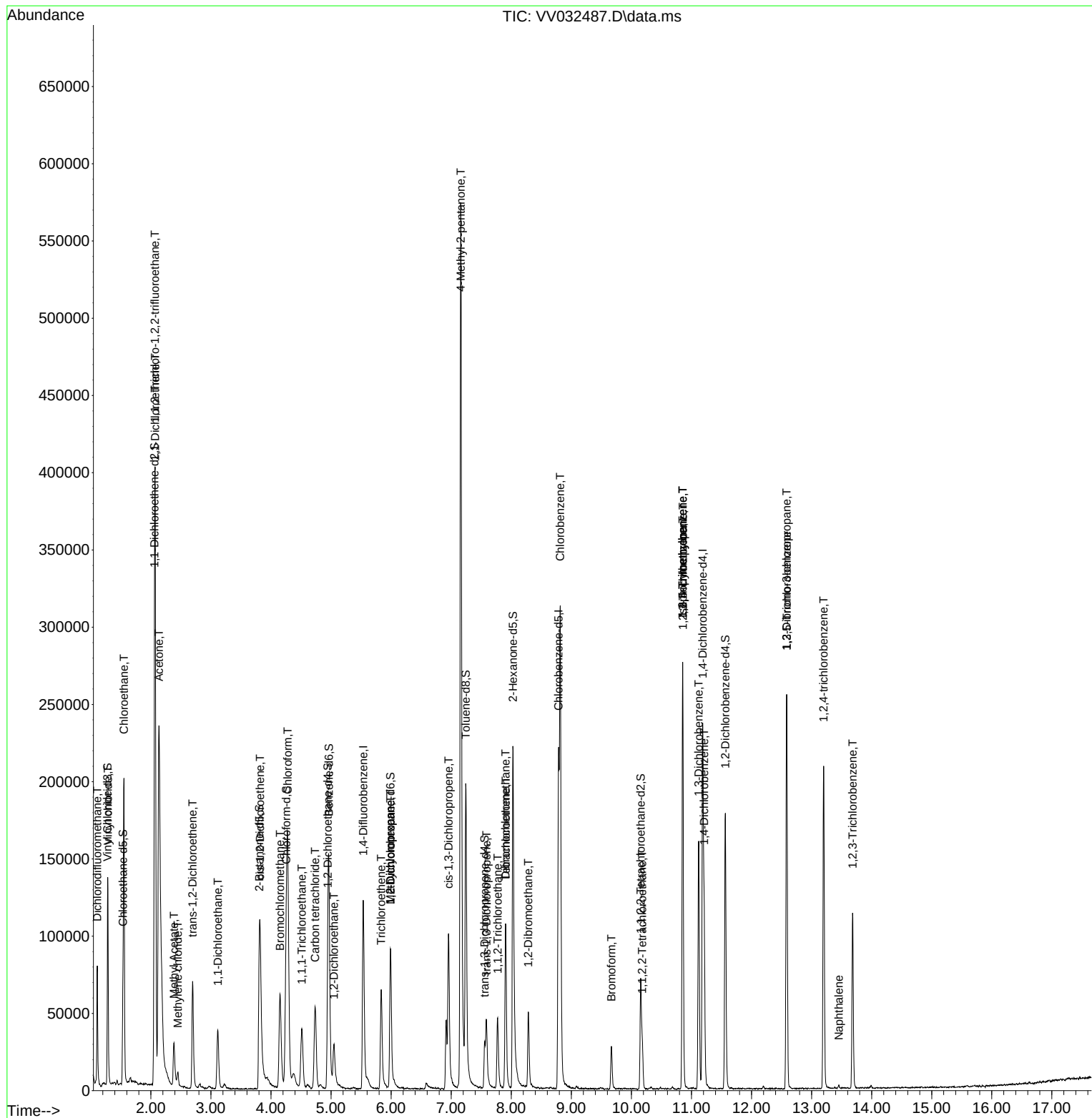
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	6.956	75	63220	4.242	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	418954	63.214	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	26273	2.145	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	14528	1.966	ug/L	97
47) Tetrachloroethene	7.908	164	24353	3.004	ug/L	98
49) Dibromochloromethane	7.905	129	22753	2.958	ug/L #	8
50) 1,2-Dibromoethane	8.284	107	32639	4.671	ug/L	100
51) Chlorobenzene	8.815	112	162148	6.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	13369	1.645	ug/L	98
59) Bromoform	9.667	173	12145	2.921	ug/L	99
60) Isopropylbenzene	10.853	105	143992	3.241	ug/L #	75
61) 1,2,3-Trichloropropane	10.857	75	1475	0.242	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.853	105	143992	3.976	ug/L	93
63) 1,2,4-Trimethylbenzene	10.853	105	143992	3.994	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	61870	2.915	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	41809	1.963	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.583	75	13773	11.078	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.586	180	72973	4.695	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	59288	4.300	ug/L	99
71) Naphthalene	13.455	128	1505	0.064	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.683	180	32562	2.741	ug/L	96

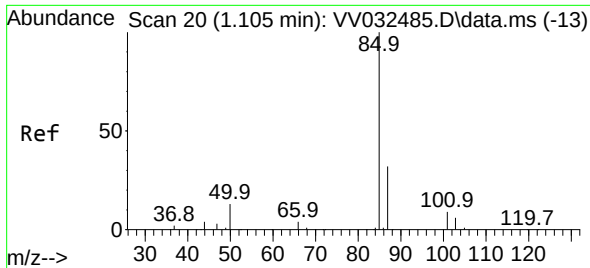
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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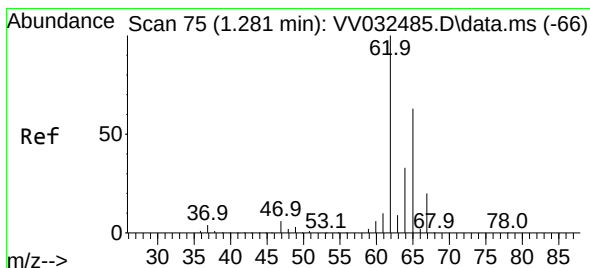
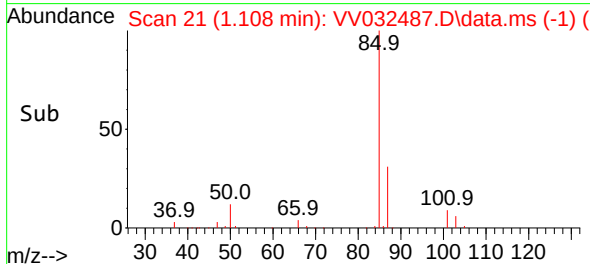
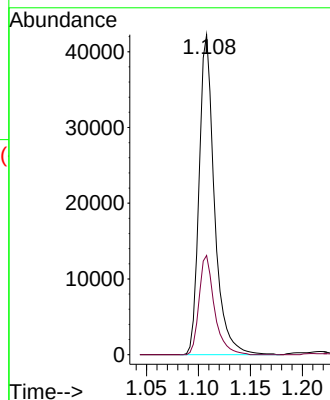
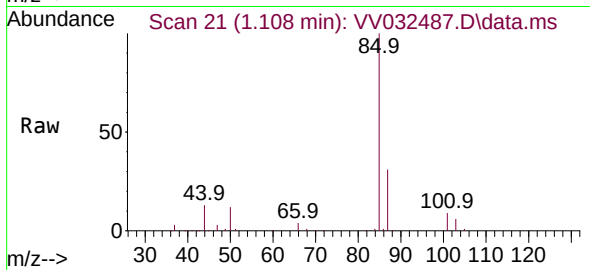




#2
 Dichlorodifluoromethane
 Concen: 3.793 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

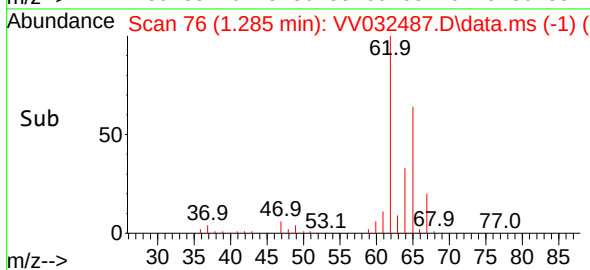
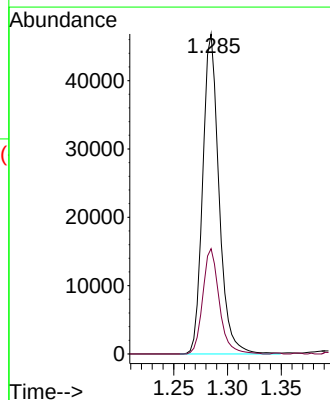
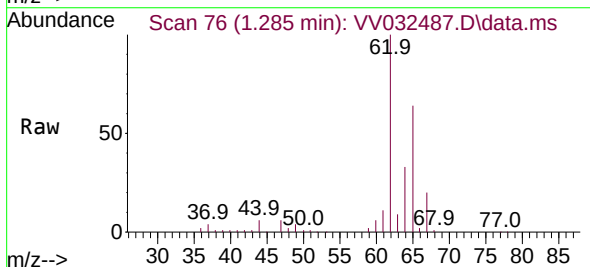
Instrument :
 MSVOA_V
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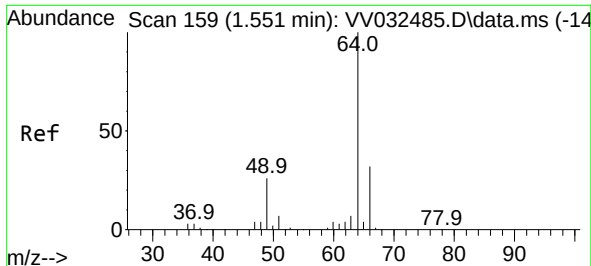
Tgt Ion: 85 Resp: 43311
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.5 38.3



#5
 Vinyl chloride
 Concen: 4.510 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

Tgt Ion: 62 Resp: 49516
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9

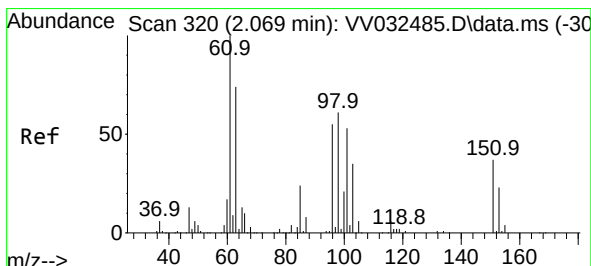
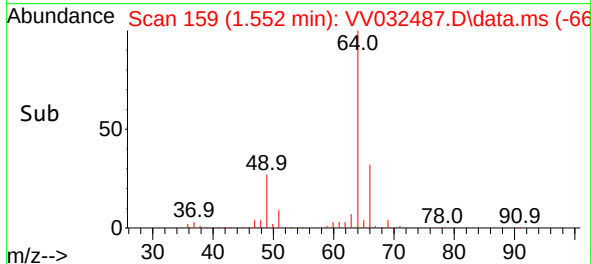
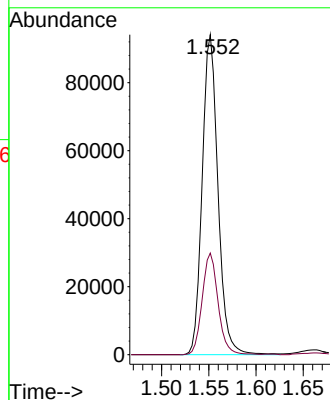
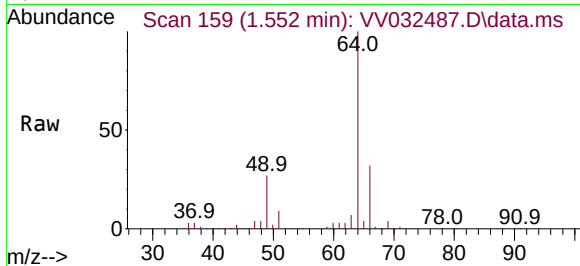




#8
Chloroethane
Concen: 16.508 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

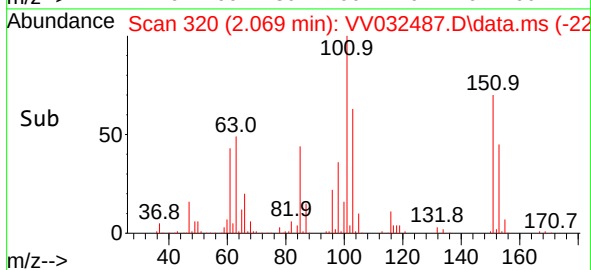
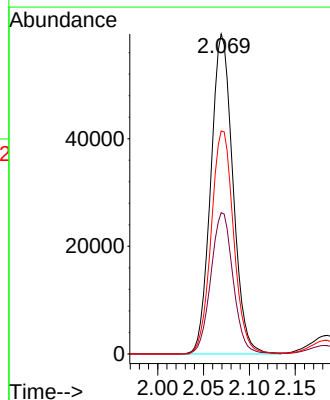
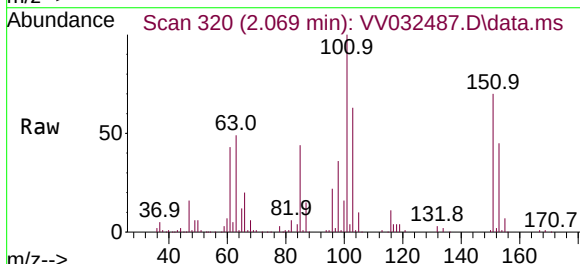
Instrument :
MSVOA_V
ClientSampleId :

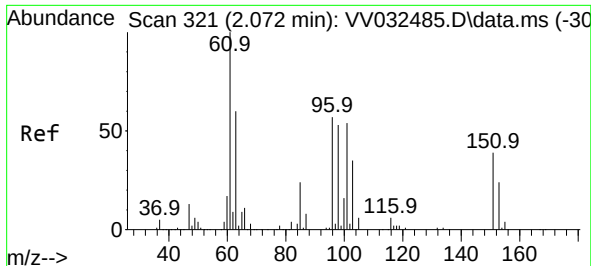
Tgt Ion: 64 Resp: 109121
Ion Ratio Lower Upper
64 100
66 31.8 22.6 42.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.515 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

Tgt Ion:101 Resp: 99853
Ion Ratio Lower Upper
101 100
85 44.5 35.0 52.6
151 70.8 56.6 84.8





#12

1,1-Dichloroethene

Concen: 2.666 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

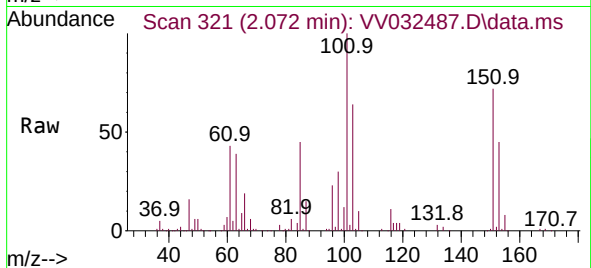
Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :



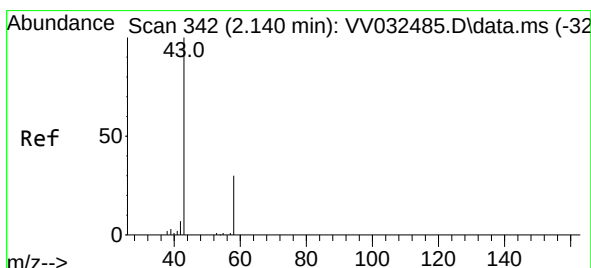
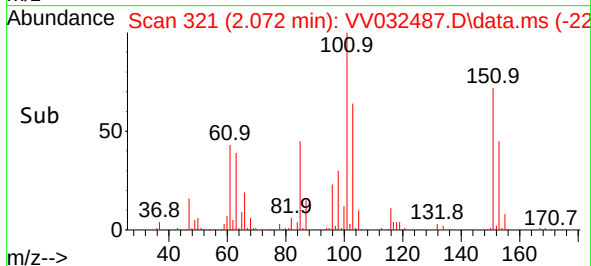
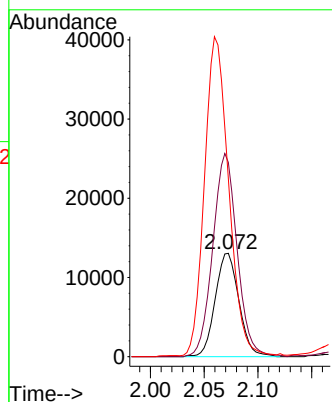
Tgt Ion: 96 Resp: 20034

Ion Ratio Lower Upper

96 100

61 188.1 127.3 236.3

63 172.2 98.3 182.7



#13

Acetone

Concen: 275.711 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.003 min

Lab File: VV032487.D

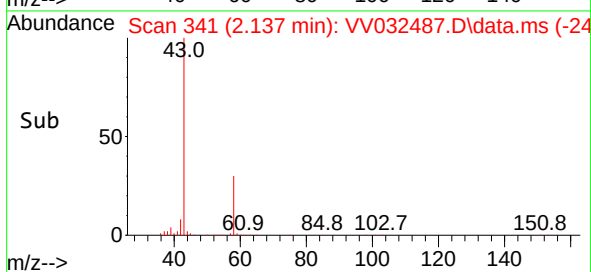
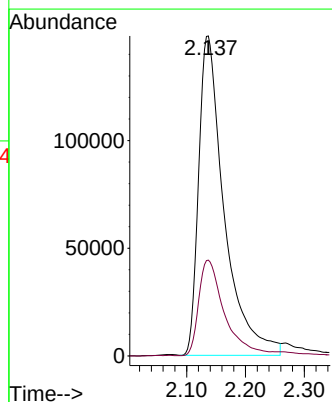
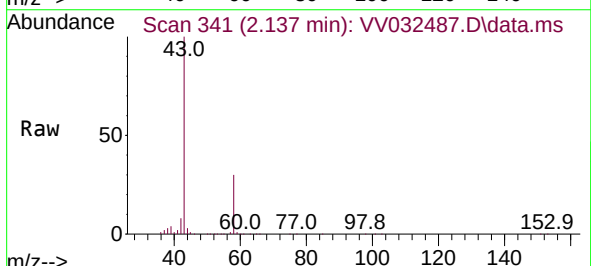
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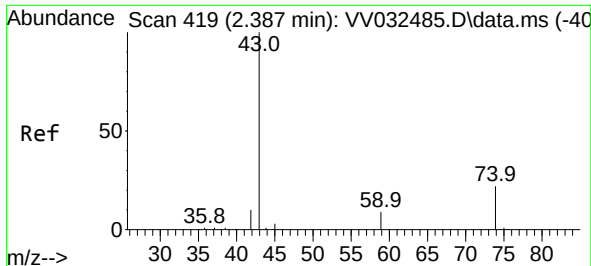
Tgt Ion: 43 Resp: 448033

Ion Ratio Lower Upper

43 100

58 30.0 0.0 66.0

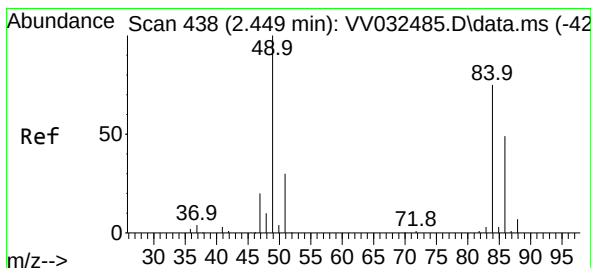
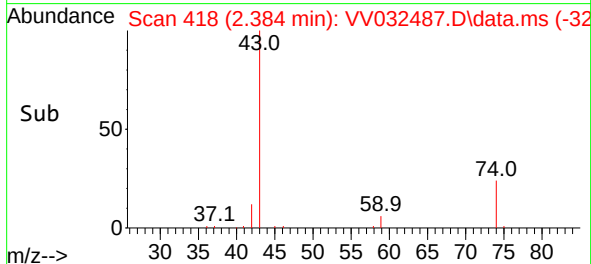
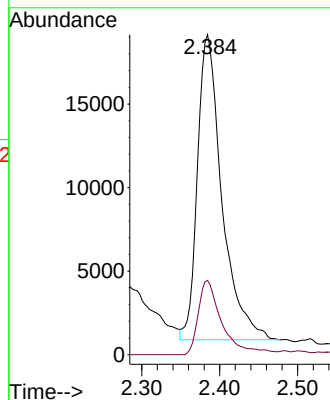
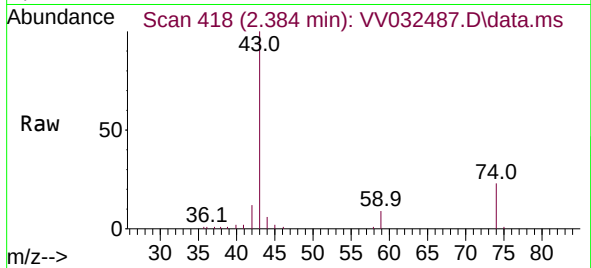




#15
Methyl Acetate
Concen: 10.903 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

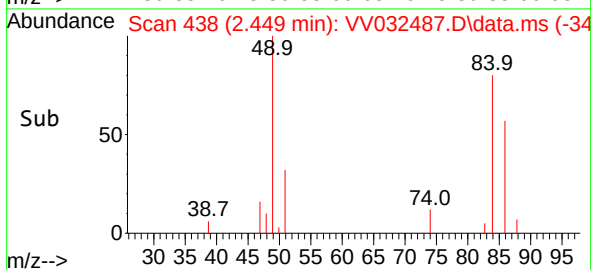
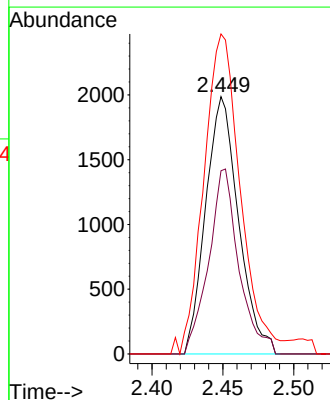
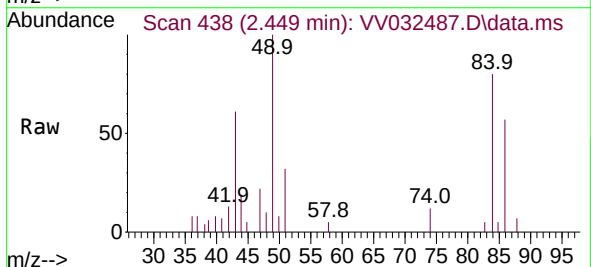
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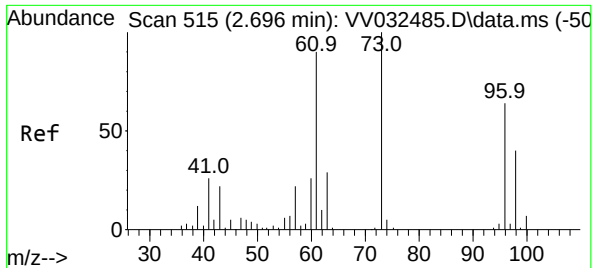
Tgt Ion: 43 Resp: 39887
Ion Ratio Lower Upper
43 100
74 23.7 18.0 27.0



#16
Methylene chloride
Concen: 0.327 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032487.D
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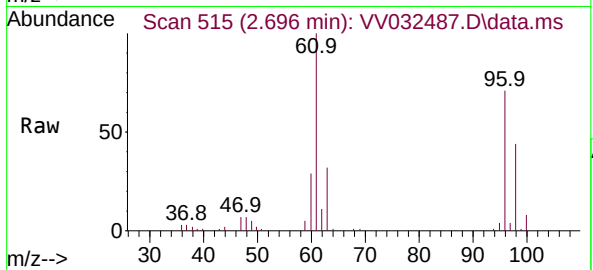
Tgt Ion: 84 Resp: 3206
Ion Ratio Lower Upper
84 100
86 71.2 43.2 80.2
49 124.4 86.3 160.3





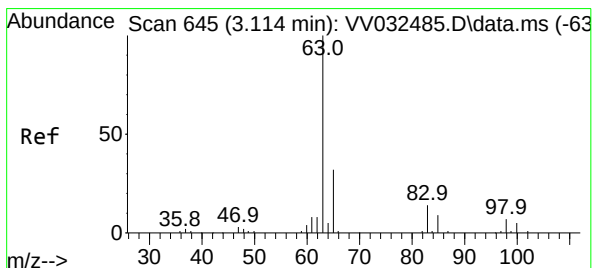
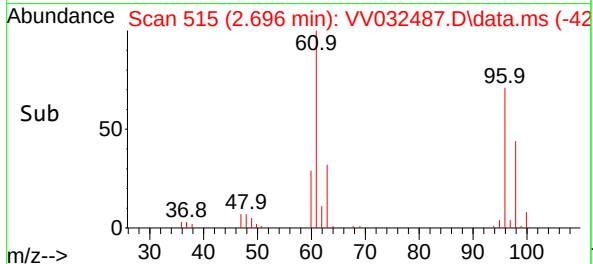
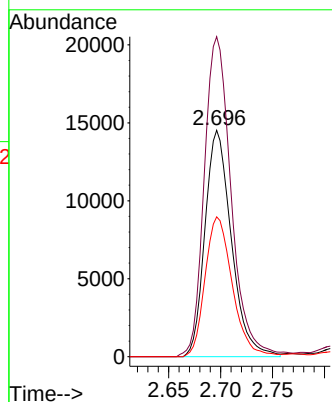
#18
 trans-1,2-Dichloroethene
 Concen: 2.986 ug/L
 RT: 2.696 min Scan# 515
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 25706

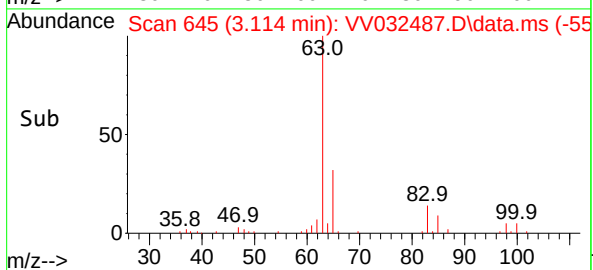
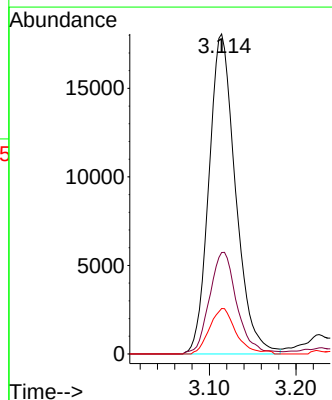
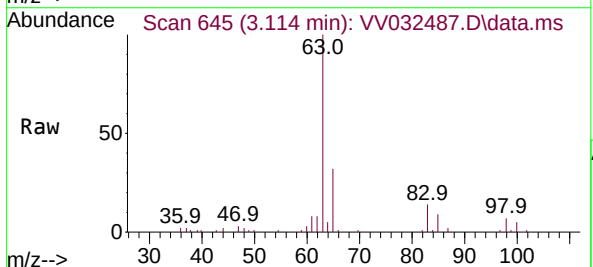
Ion	Ratio	Lower	Upper
96	100		
61	141.4	96.9	180.1
98	61.8	45.3	84.1

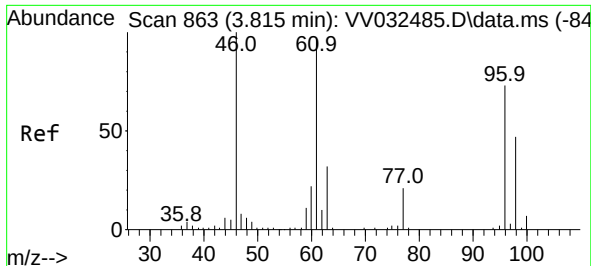


#19
 1,1-Dichloroethane
 Concen: 2.383 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV032487.D
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Tgt Ion: 63 Resp: 38597

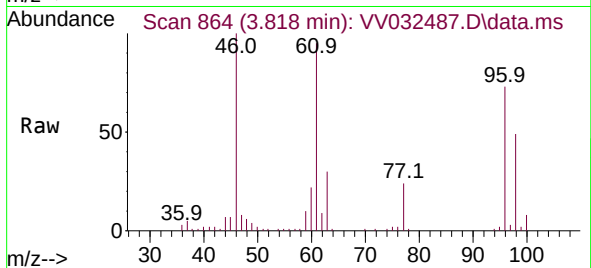
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.5
83	14.2	9.0	16.6





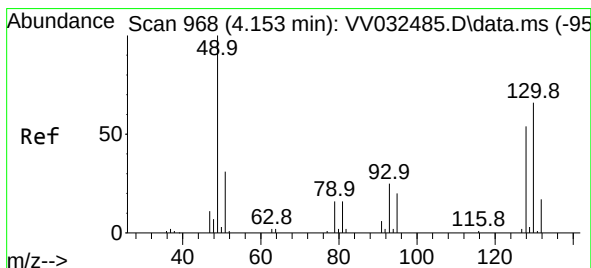
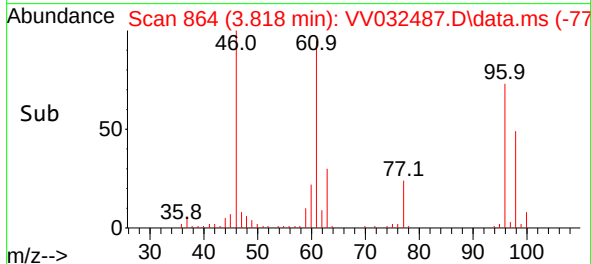
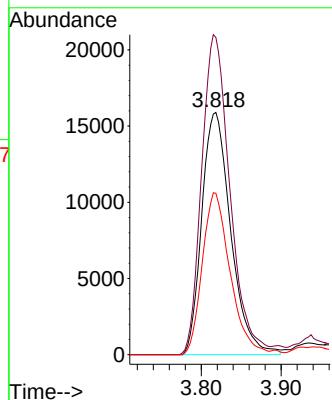
#22
 cis-1,2-Dichloroethene
 Concen: 4.326 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
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Tgt Ion: 96 Resp: 40095

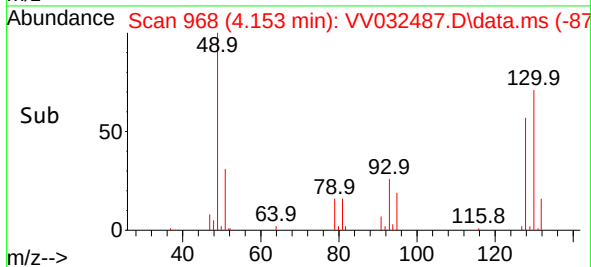
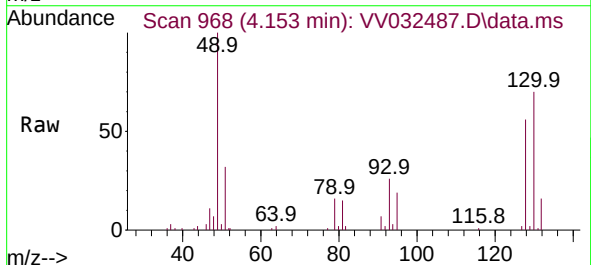
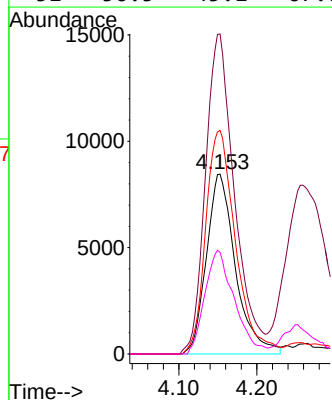
Ion	Ratio	Lower	Upper
96	100		
61	131.0	85.8	159.4
98	66.7	44.0	81.6

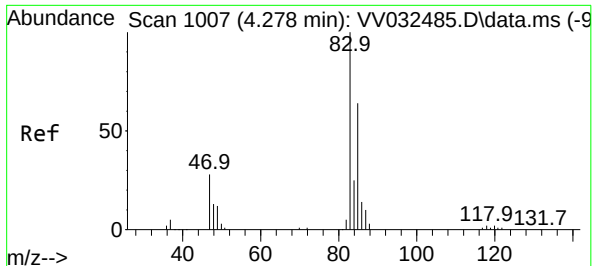


#23
 Bromochloromethane
 Concen: 5.622 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

Tgt Ion: 128 Resp: 21922

Ion	Ratio	Lower	Upper
128	100		
49	177.8	121.2	225.0
130	124.2	88.2	163.8
51	56.5	45.1	67.7

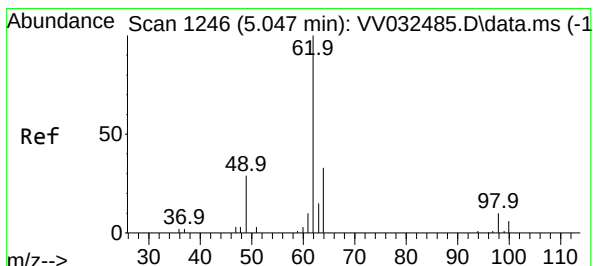
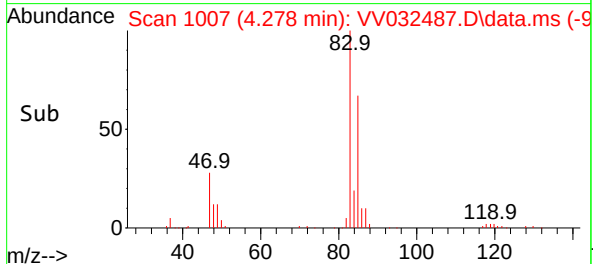
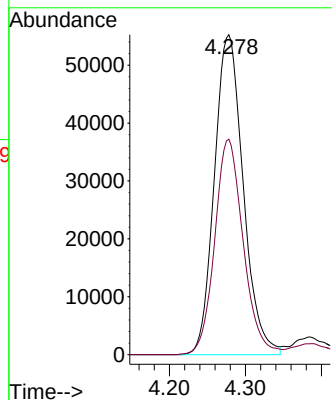
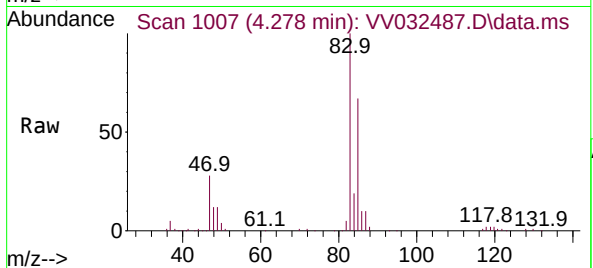




#25
Chloroform
Concen: 9.180 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

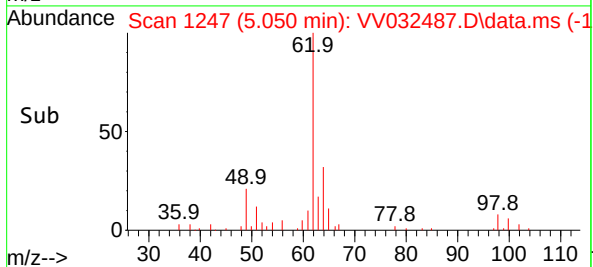
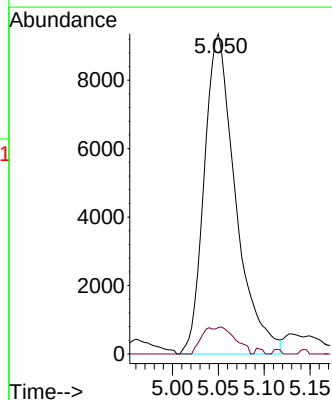
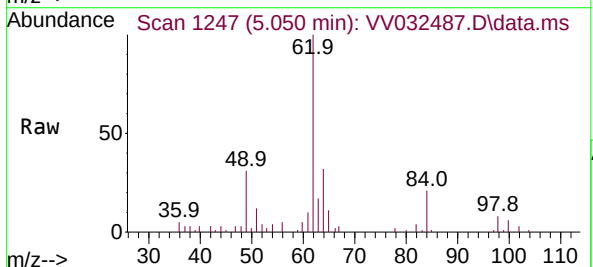
Instrument :
MSVOA_V
ClientSampleId :

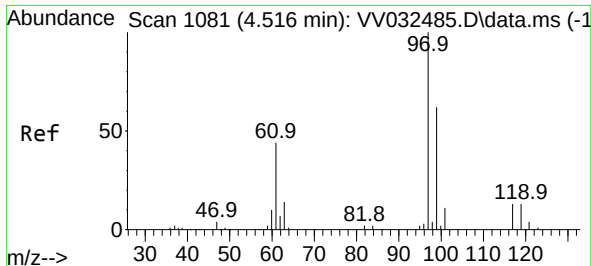
Tgt Ion: 83 Resp: 145864
Ion Ratio Lower Upper
83 100
85 67.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 2.364 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

Tgt Ion: 62 Resp: 22189
Ion Ratio Lower Upper
62 100
98 8.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 2.105 ug/L

RT: 4.513 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

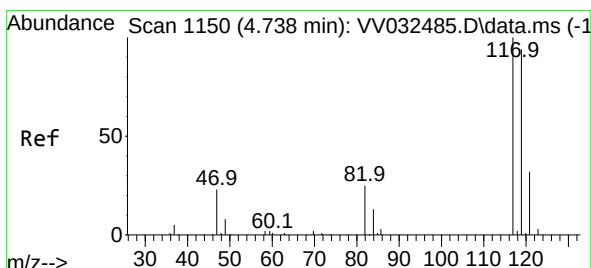
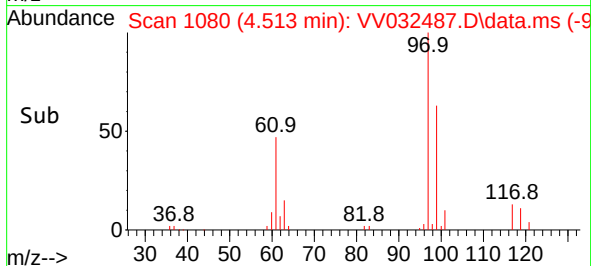
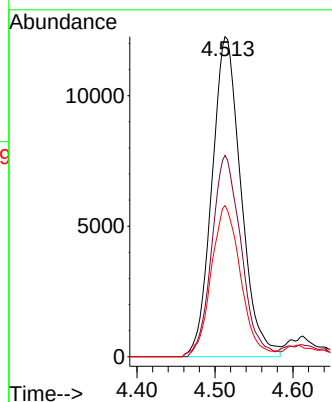
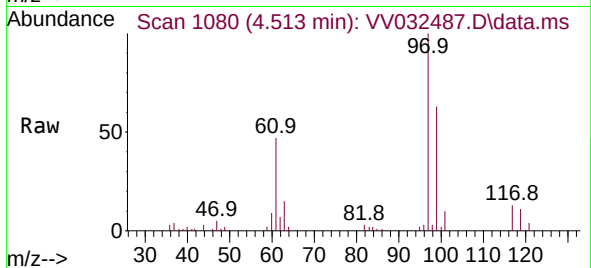
Tgt Ion: 97 Resp: 31829

Ion Ratio Lower Upper

97 100

99 62.8 50.1 75.1

61 48.0 35.1 52.7



#31

Carbon tetrachloride

Concen: 3.191 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV032487.D

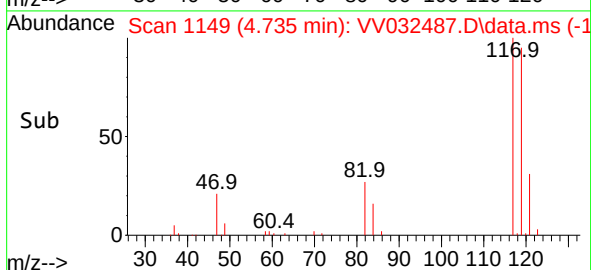
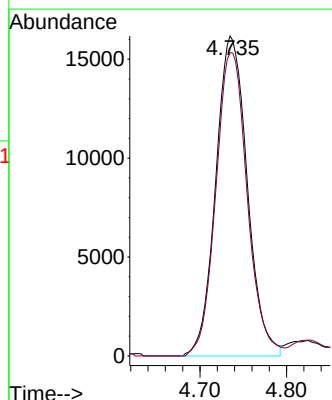
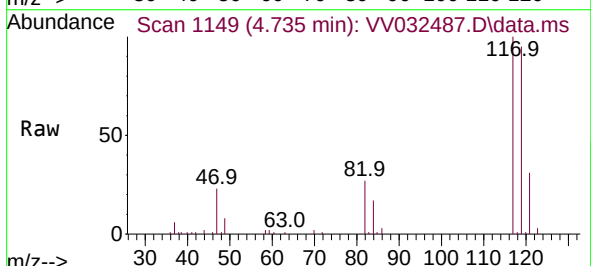
Acq: 19 Oct 2023 10:59

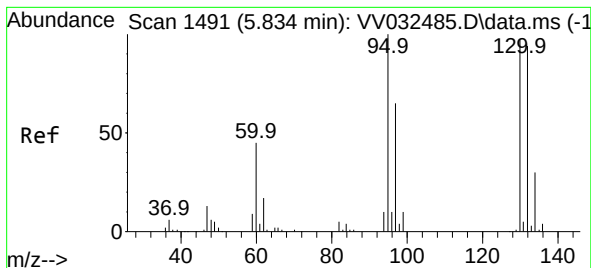
Tgt Ion: 117 Resp: 40827

Ion Ratio Lower Upper

117 100

119 94.8 77.6 116.4





#34

Trichloroethene

Concen: 2.268 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 24246

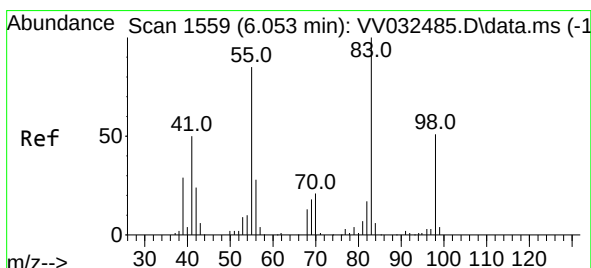
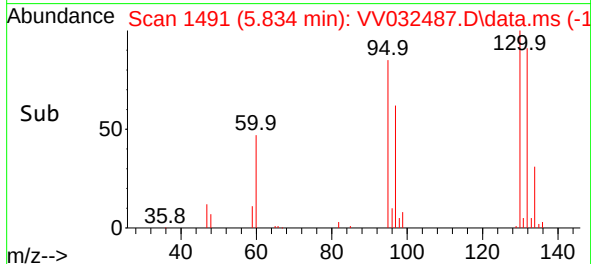
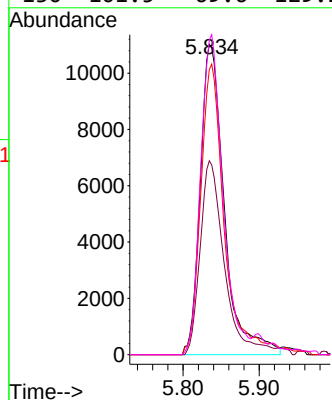
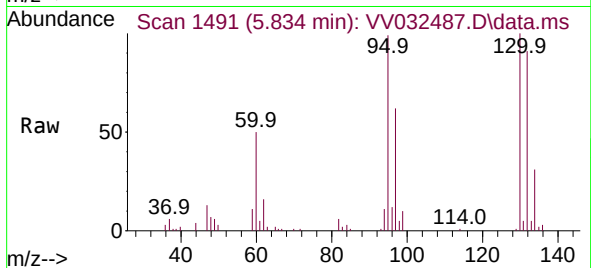
Ion Ratio Lower Upper

95 100

97 62.5 45.7 84.9

132 91.8 70.3 130.5

130 101.5 69.6 129.2



#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.064 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

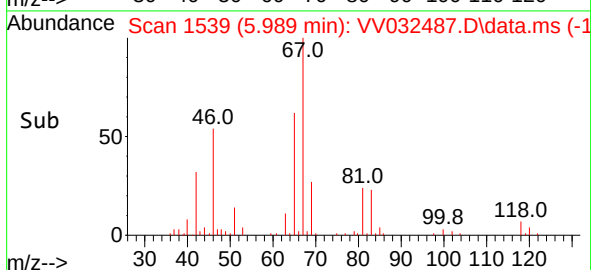
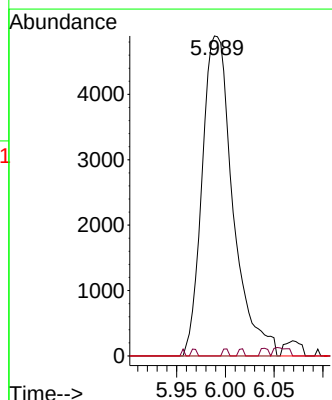
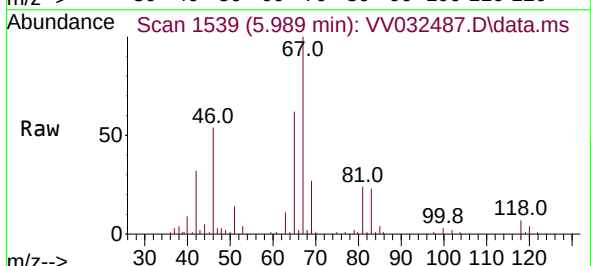
Tgt Ion: 83 Resp: 10771

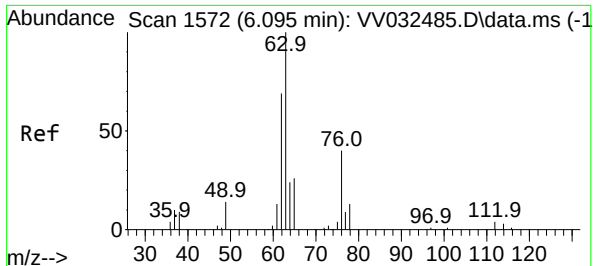
Ion Ratio Lower Upper

83 100

55 0.4 64.2 96.2#

98 0.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.469 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

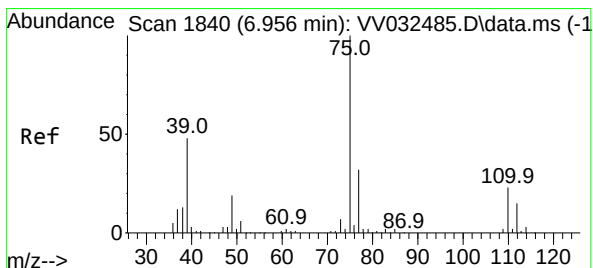
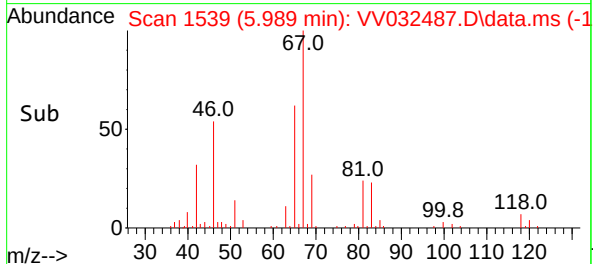
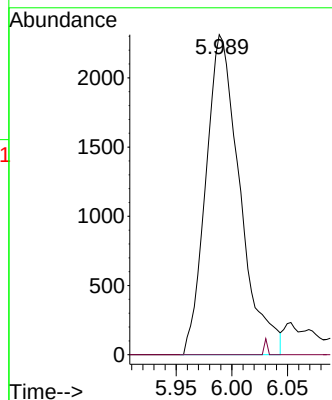
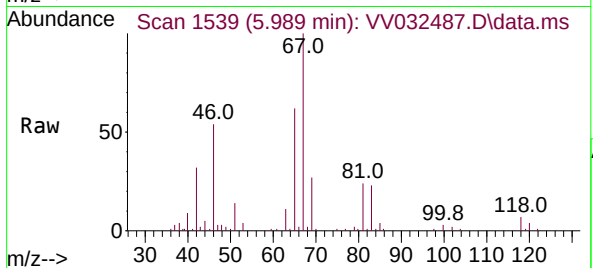
ClientSampleId :

Tgt Ion: 63 Resp: 4913

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 4.242 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032487.D

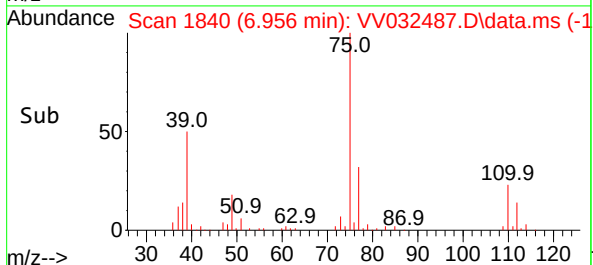
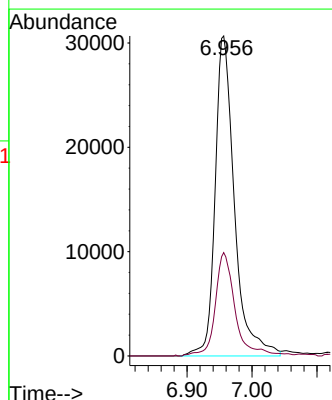
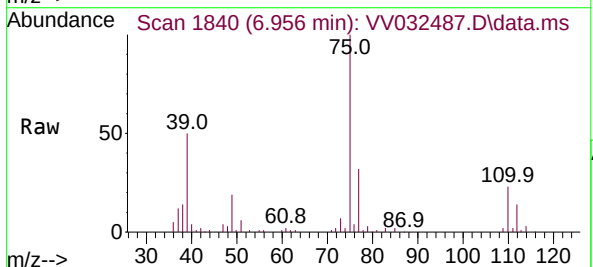
Acq: 19 Oct 2023 10:59

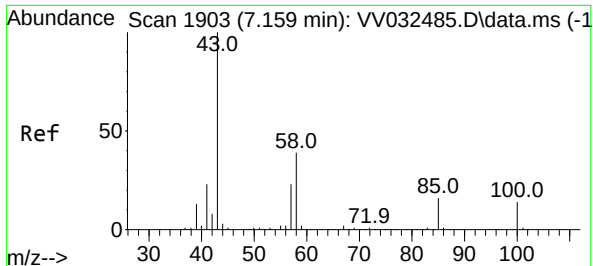
Tgt Ion: 75 Resp: 63220

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 63.214 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

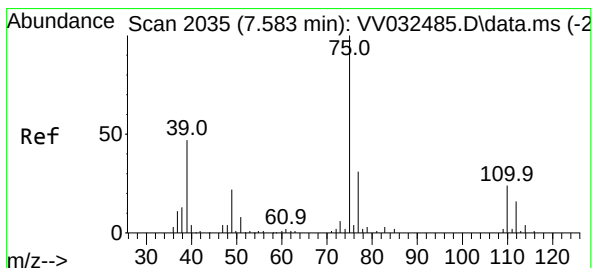
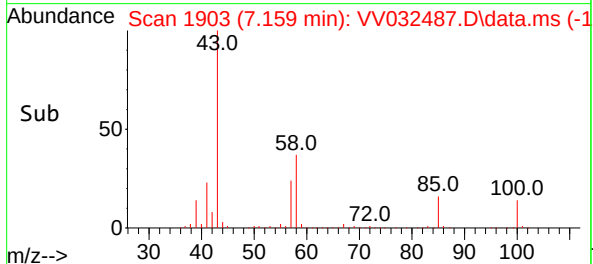
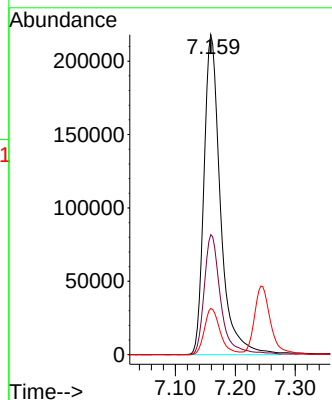
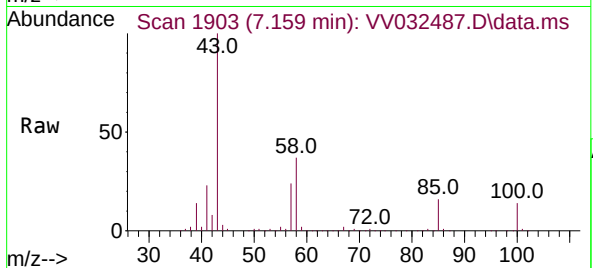
Tgt Ion: 43 Resp: 418954

Ion Ratio Lower Upper

43 100

58 37.8 31.9 47.9

100 13.8 11.3 16.9



#44

trans-1,3-Dichloropropene

Concen: 2.145 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032487.D

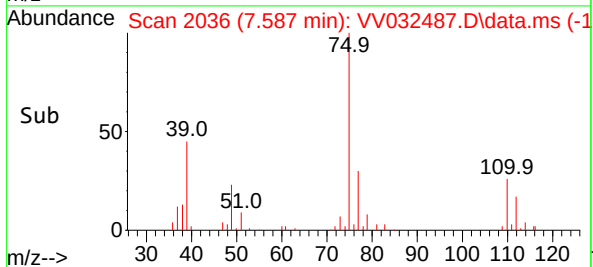
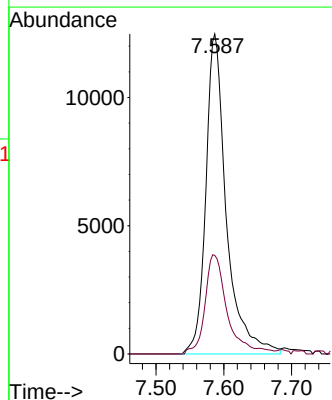
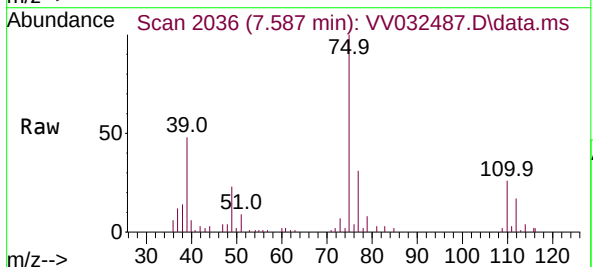
Acq: 19 Oct 2023 10:59

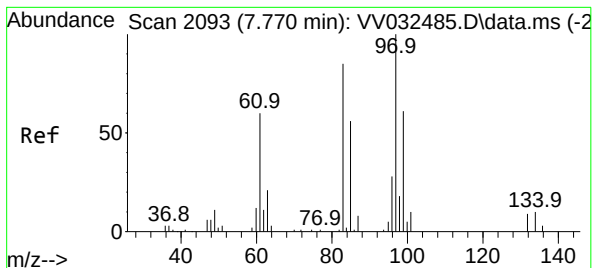
Tgt Ion: 75 Resp: 26273

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 1.966 ug/L

RT: 7.773 min Scan# 2093

Delta R.T. 0.003 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 14528

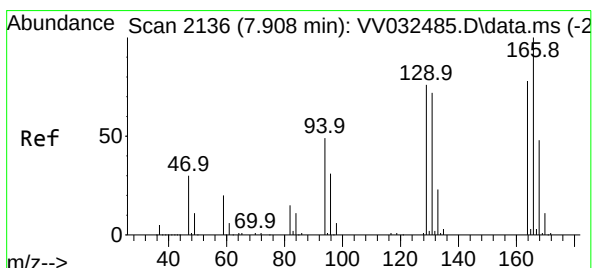
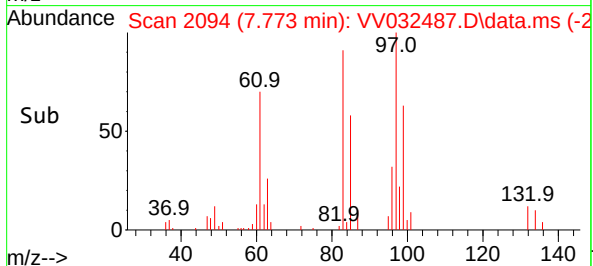
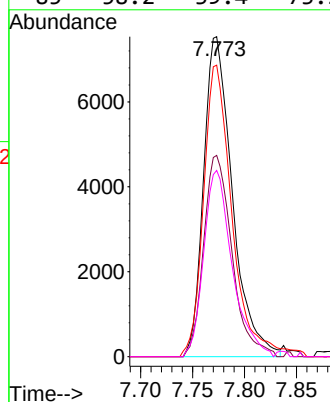
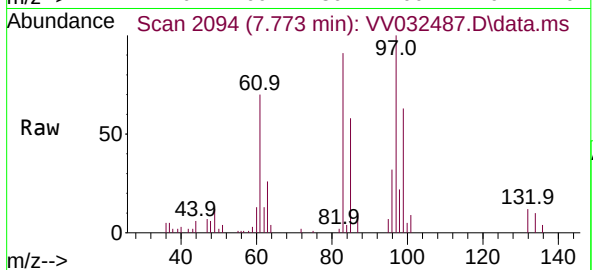
Ion Ratio Lower Upper

97 100

99 62.9 42.8 79.4

83 91.1 60.9 113.1

85 58.2 39.4 73.2



#47

Tetrachloroethene

Concen: 3.004 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Tgt Ion: 164 Resp: 24353

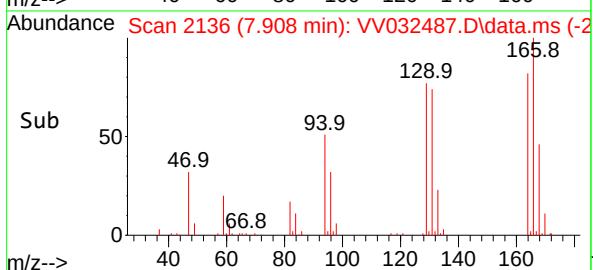
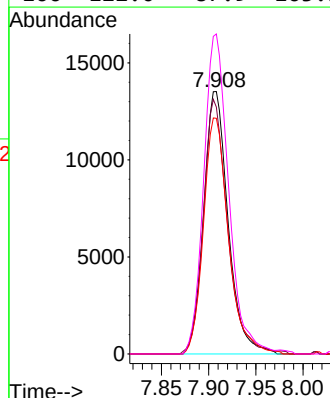
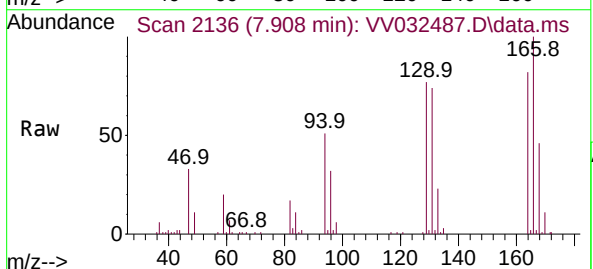
Ion Ratio Lower Upper

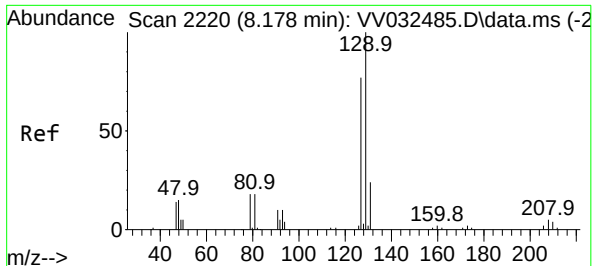
164 100

129 94.1 66.4 123.4

131 89.8 63.7 118.3

166 122.0 87.9 163.3





#49

Dibromochloromethane

Concen: 2.958 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.273 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

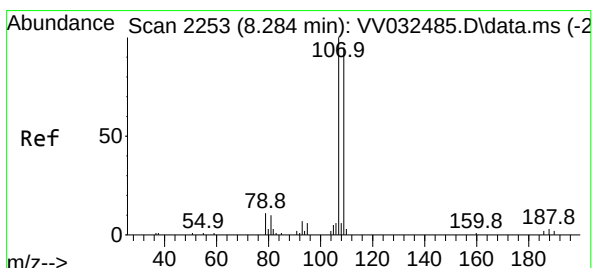
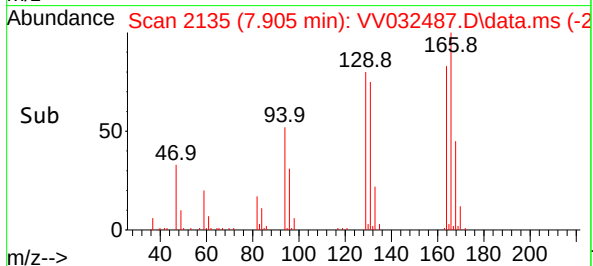
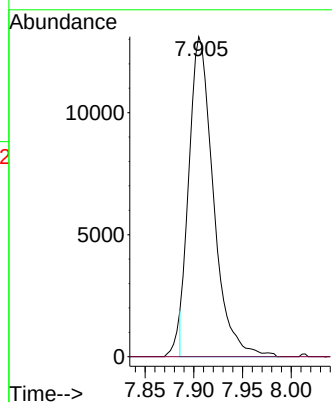
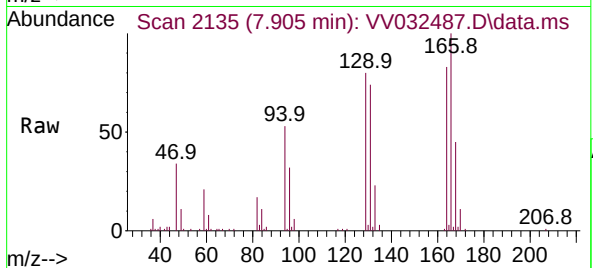
ClientSampleId :

Tgt Ion:129 Resp: 22753

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#



#50

1,2-Dibromoethane

Concen: 4.671 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. 0.000 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

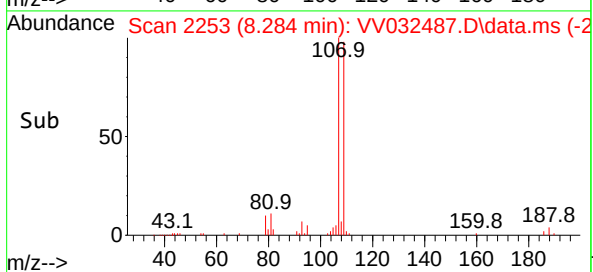
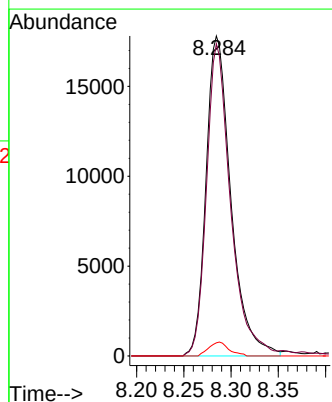
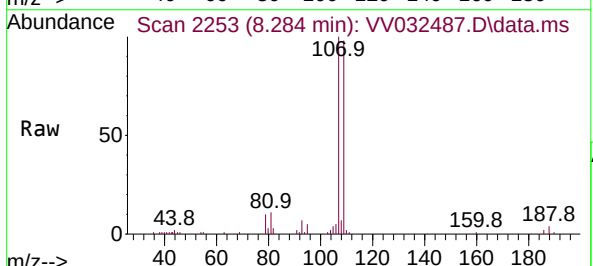
Tgt Ion:107 Resp: 32639

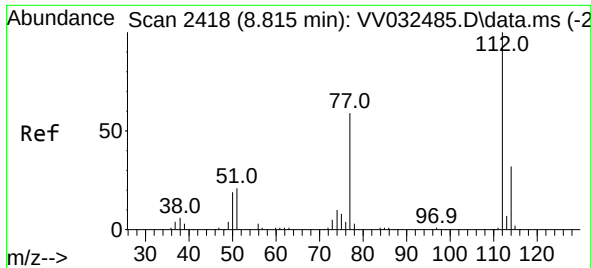
Ion Ratio Lower Upper

107 100

109 97.5 68.4 127.0

188 4.1 3.2 4.8

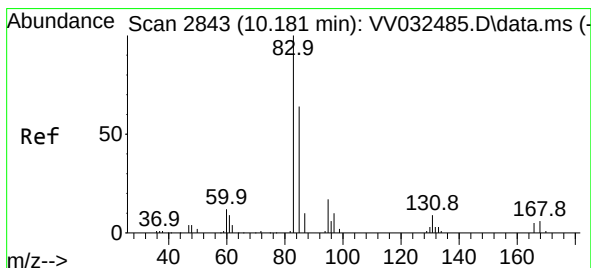
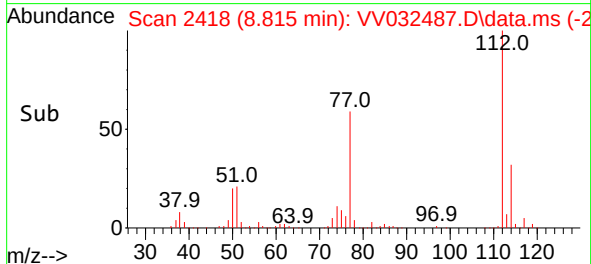
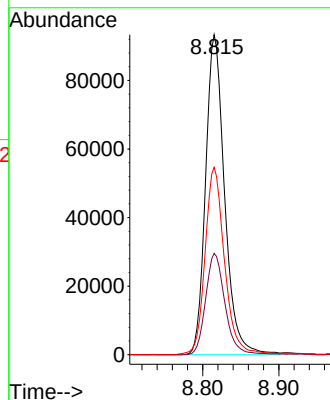
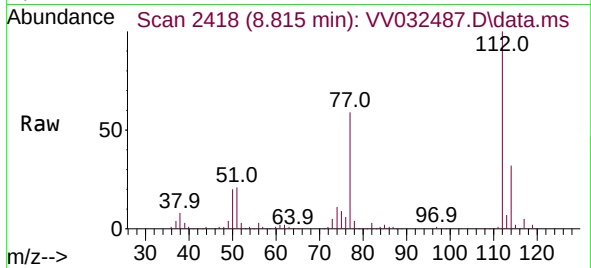




#51
Chlorobenzene
Concen: 6.033 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

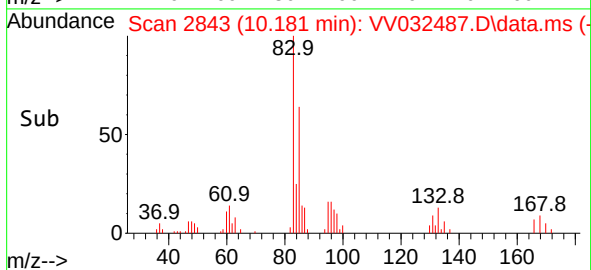
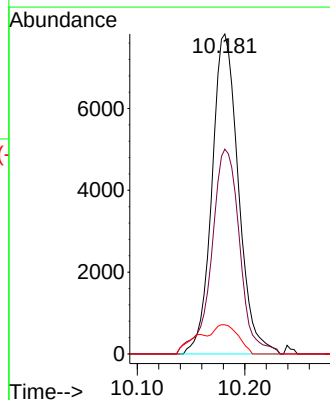
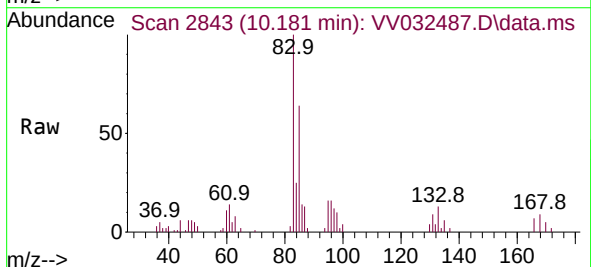
Instrument :
MSVOA_V
ClientSampleId :

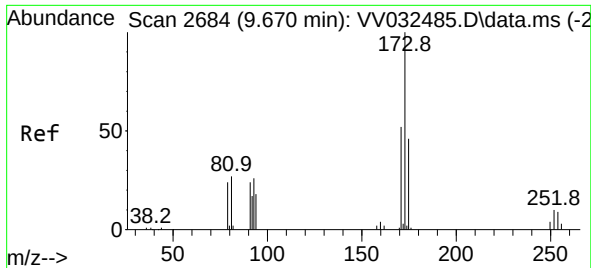
Tgt Ion:112 Resp: 162148
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.5 46.1 69.1



#57
1,1,2,2-Tetrachloroethane
Concen: 1.645 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

Tgt Ion: 83 Resp: 13369
Ion Ratio Lower Upper
83 100
85 64.0 43.6 81.0
131 9.1 7.0 10.6





#59

Bromoform

Concen: 2.921 ug/L

RT: 9.667 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV032487.D

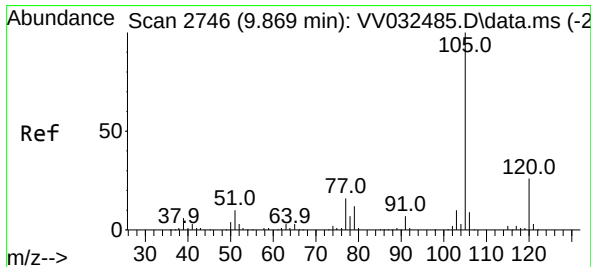
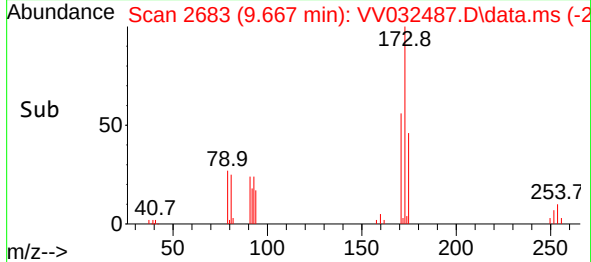
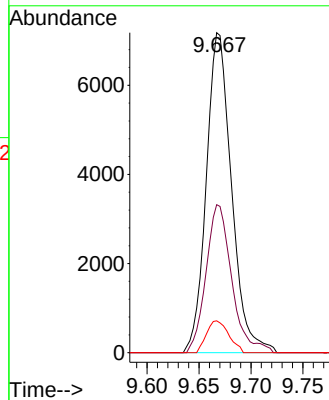
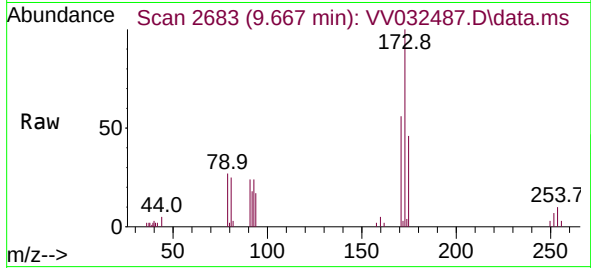
Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	12145
Ion Ratio	Lower	Upper
173	100	
175	47.1	38.2 57.2
254	8.7	7.0 10.4



#60

Isopropylbenzene

Concen: 3.241 ug/L

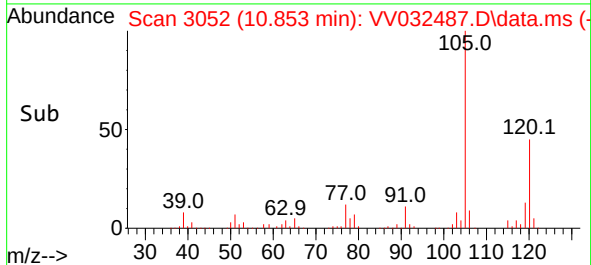
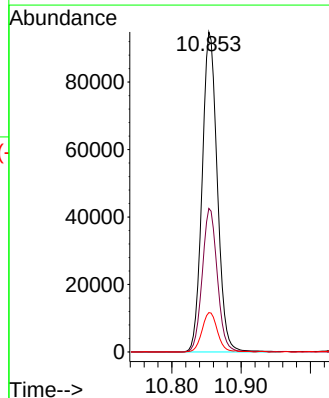
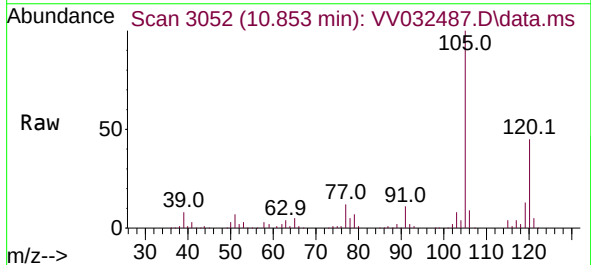
RT: 10.853 min Scan# 3052

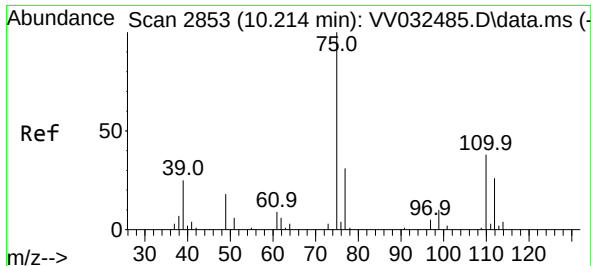
Delta R.T. 0.984 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Tgt Ion:105	Resp:	143992
Ion Ratio	Lower	Upper
105	100	
120	44.7	21.0 31.6#
77	12.6	12.6 19.0

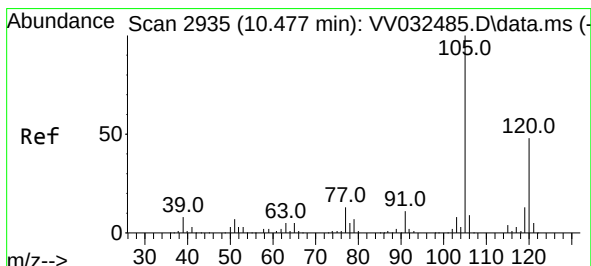
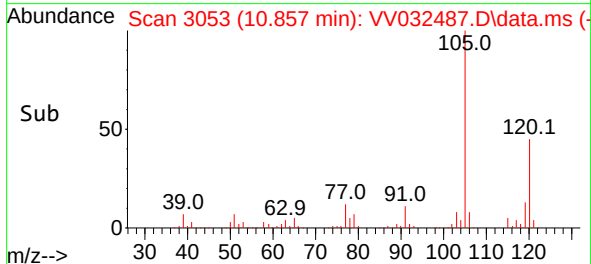
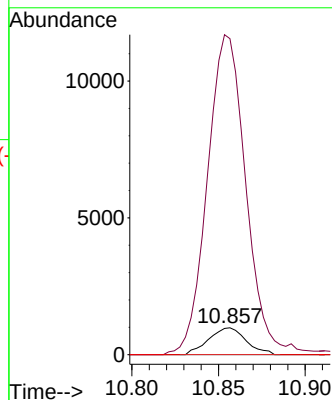
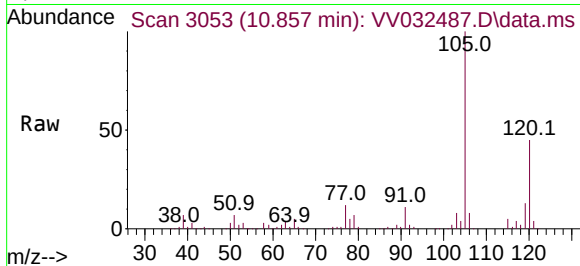




#61
 1,2,3-Trichloropropane
 Concen: 0.242 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.643 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

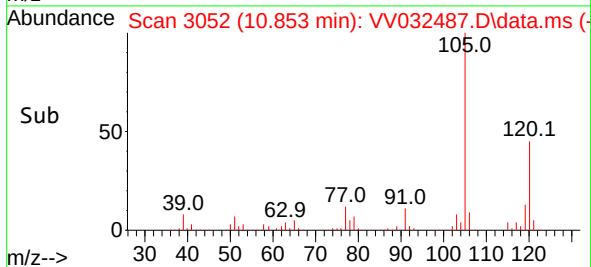
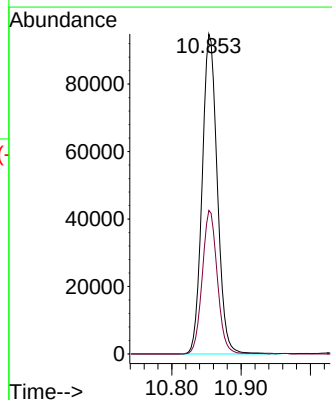
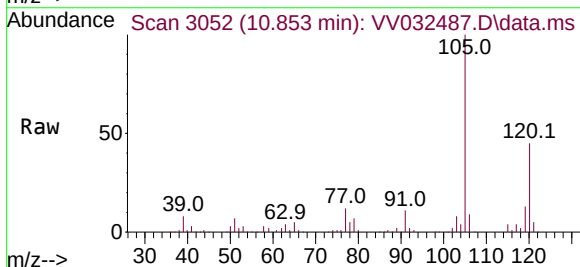
Instrument :
 MSVOA_V
 ClientSampleId :

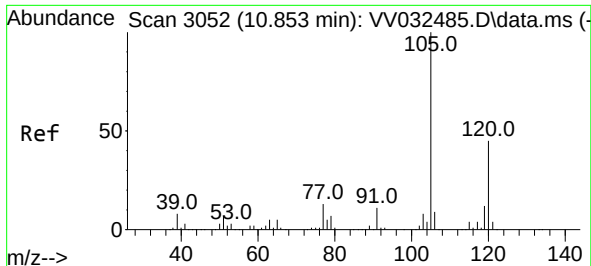
Tgt Ion: 75 Resp: 1475
 Ion Ratio Lower Upper
 75 100
 77 1234.0 26.2 39.2#
 110 0.0 30.6 46.0#



#62
 1,3,5-Trimethylbenzene
 Concen: 3.976 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.376 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

Tgt Ion: 105 Resp: 143992
 Ion Ratio Lower Upper
 105 100
 120 44.7 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 3.994 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

Instrument :

MSVOA_V

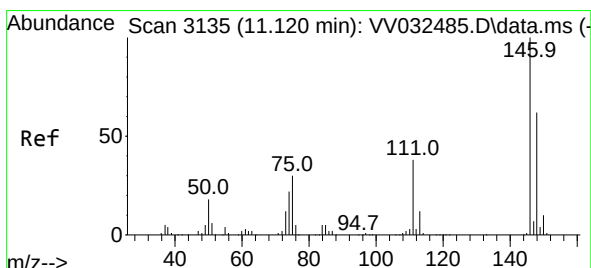
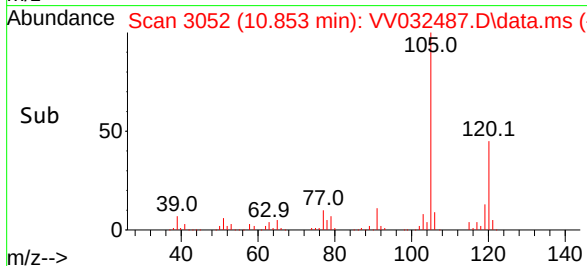
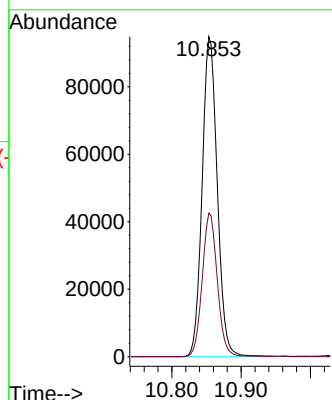
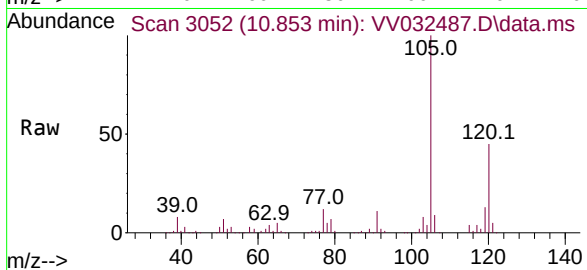
ClientSampleId :

Tgt Ion:105 Resp: 143992

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 2.915 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV032487.D

Acq: 19 Oct 2023 10:59

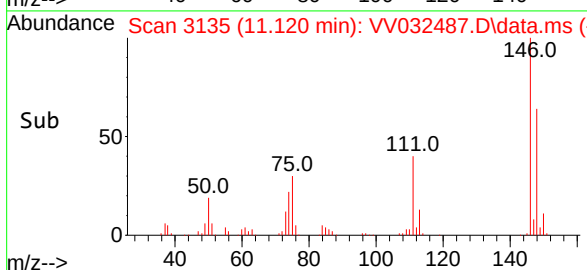
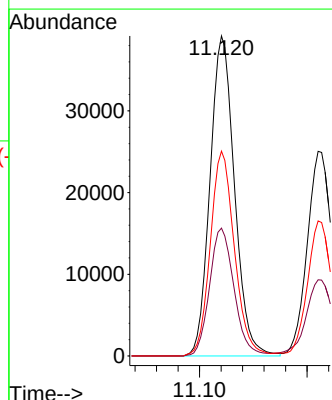
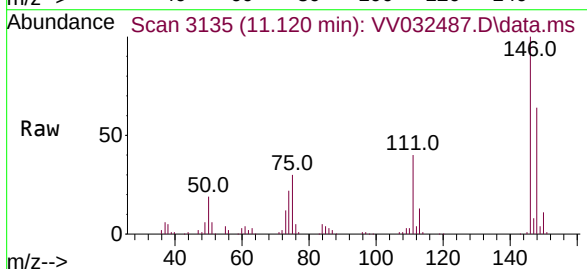
Tgt Ion:146 Resp: 61870

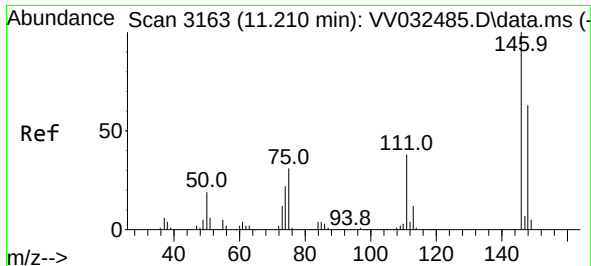
Ion Ratio Lower Upper

146 100

111 39.9 27.8 51.6

148 64.0 43.7 81.1

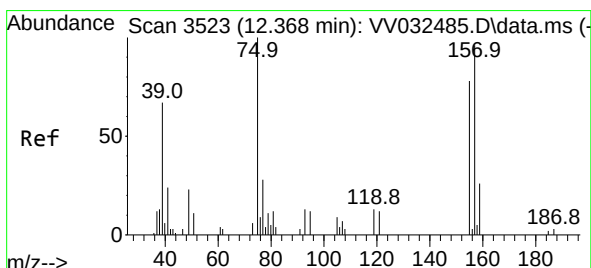
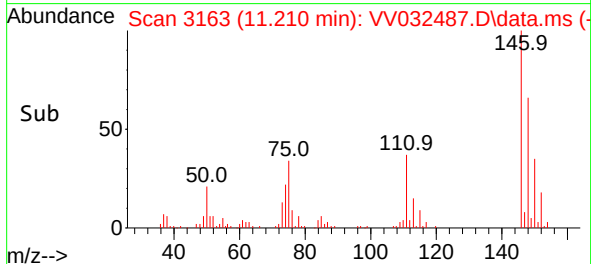
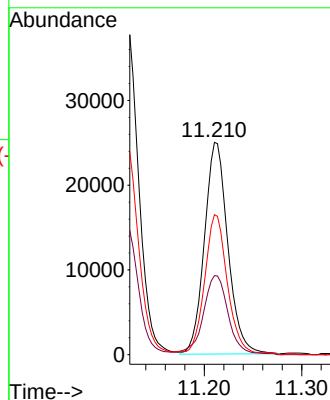
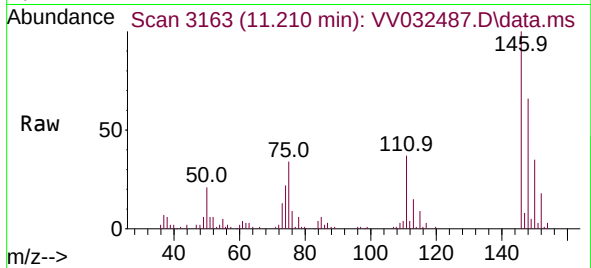




#65
1,4-Dichlorobenzene
Concen: 1.963 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

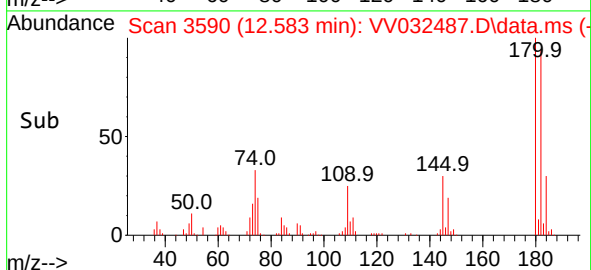
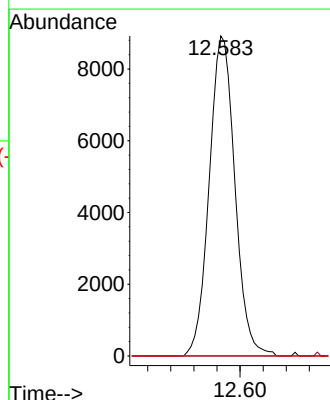
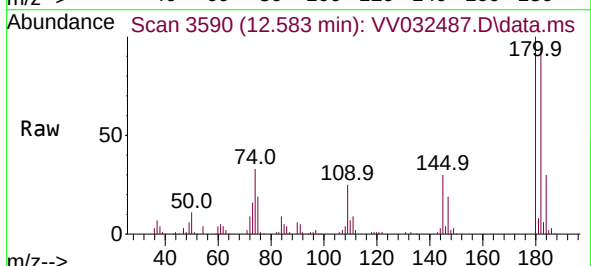
Instrument :
MSVOA_V
ClientSampleId :

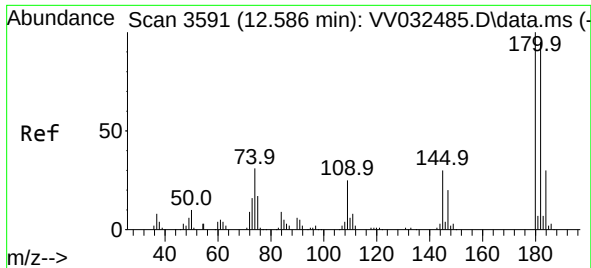
Tgt Ion:146 Resp: 41809
Ion Ratio Lower Upper
146 100
111 37.2 26.9 49.9
148 66.0 44.8 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 11.078 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.216 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

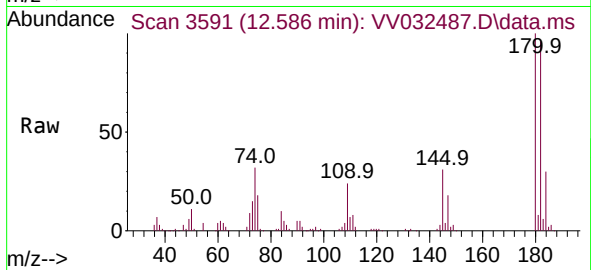
Tgt Ion: 75 Resp: 13773
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#



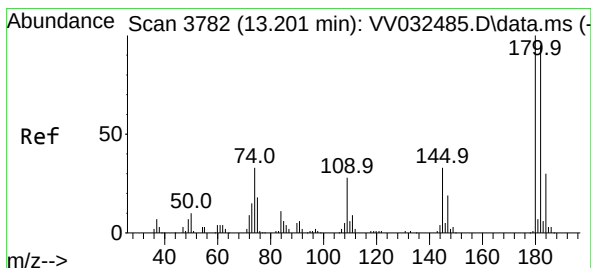
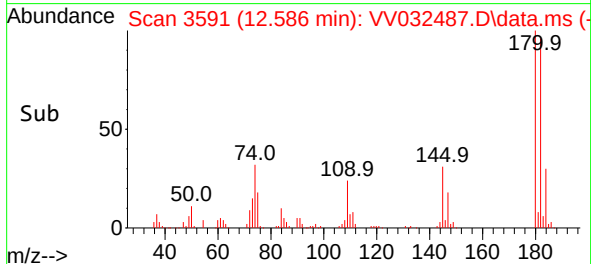
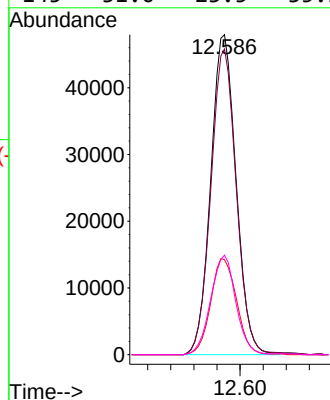


#69
 1,3,5-Trichlorobenzene
 Concen: 4.695 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

Instrument :
 MSVOA_V
 ClientSampleId :

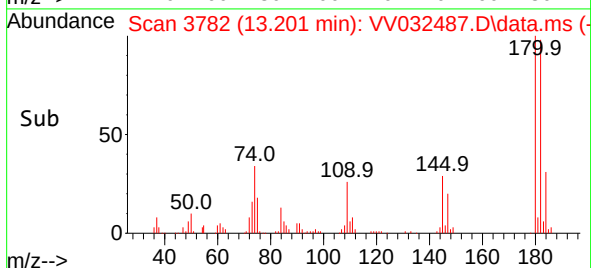
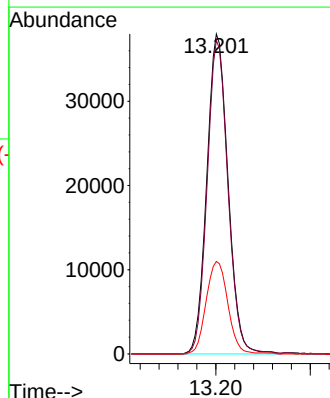
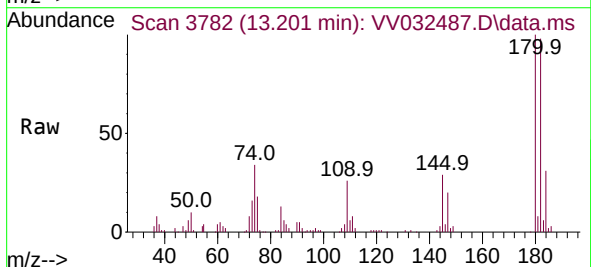


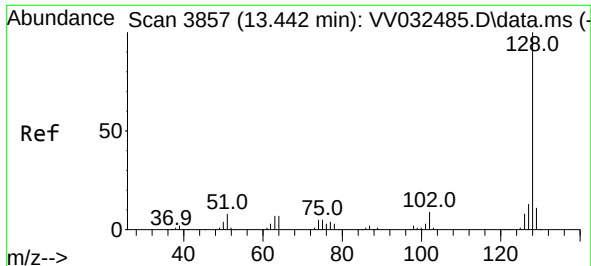
Tgt Ion:180 Resp: 72973
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.6 112.0
 184 30.7 24.1 36.1
 145 31.0 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.300 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032487.D
 Acq: 19 Oct 2023 10:59

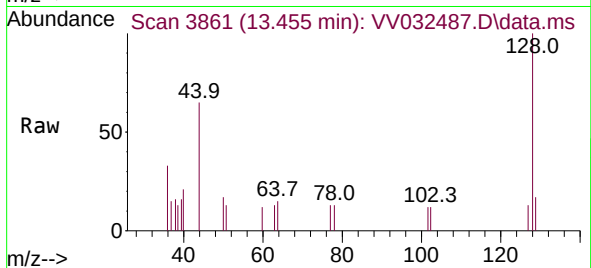
Tgt Ion:180 Resp: 59288
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.5 114.7
 145 29.4 24.3 36.5



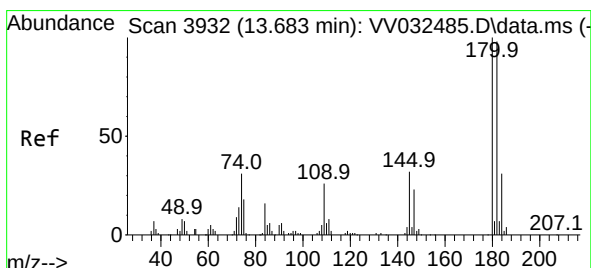
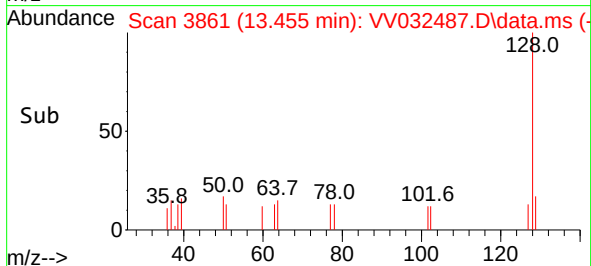
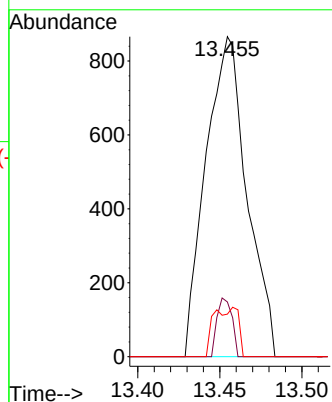


#71
Naphthalene
Concen: 0.064 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.013 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1505
Ion Ratio Lower Upper
128 100
129 6.6 9.0 13.4#
127 4.5 10.2 15.2#



#72
1,2,3-Trichlorobenzene
Concen: 2.741 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032487.D
Acq: 19 Oct 2023 10:59

Tgt Ion:180 Resp: 32562
Ion Ratio Lower Upper
180 100
182 91.3 77.0 115.4
145 31.5 25.7 38.5

