

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031358.D
 Acq On : 05 Jun 2023 19:41
 Operator : SY/MD
 Sample : 03000-06MS 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MS

Quant Time: Jun 06 02:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	138882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	129583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	75681	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49207	3.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.529	69	44088	3.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.053	65	26361	3.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.864	46	151790	46.421	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	4.256	84	108590	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.950	65	57831	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	4.963	84	192666	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.995	67	63562	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.249	98	174346	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	23122	4.773	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.037	63	106808	54.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	49535	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	64857	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78756	4.202	ug/L	99
3) Chloromethane	1.214	50	71354	3.853	ug/L	97
5) Vinyl chloride	1.278	62	83588	4.516	ug/L	99
6) Bromomethane	1.484	94	41840	3.943	ug/L	96
8) Chloroethane	1.545	64	45443	3.937	ug/L	98
9) Trichlorofluoromethane	1.709	101	120689	4.427	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	62602	4.154	ug/L	97
12) 1,1-Dichloroethene	2.066	96	55829	4.303	ug/L	92
13) Acetone	2.224	43	90653	23.990	ug/L	56
14) Carbon disulfide	2.237	76	158197	4.113	ug/L	100
15) Methyl Acetate	2.394	43	13477	1.836	ug/L #	45
16) Methylene chloride	2.446	84	66642	4.225	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	140275	4.744	ug/L #	52
18) trans-1,2-Dichloroethene	2.693	96	57342	4.660	ug/L	96
19) 1,1-Dichloroethane	3.114	63	116515	4.263	ug/L	100
21) 2-Butanone	3.921	43	35704	7.265	ug/L #	65
22) cis-1,2-Dichloroethene	3.818	96	270322	21.680	ug/L	99
23) Bromochloromethane	4.153	128	26271	4.457	ug/L	92
25) Chloroform	4.282	83	116194	4.066	ug/L	96

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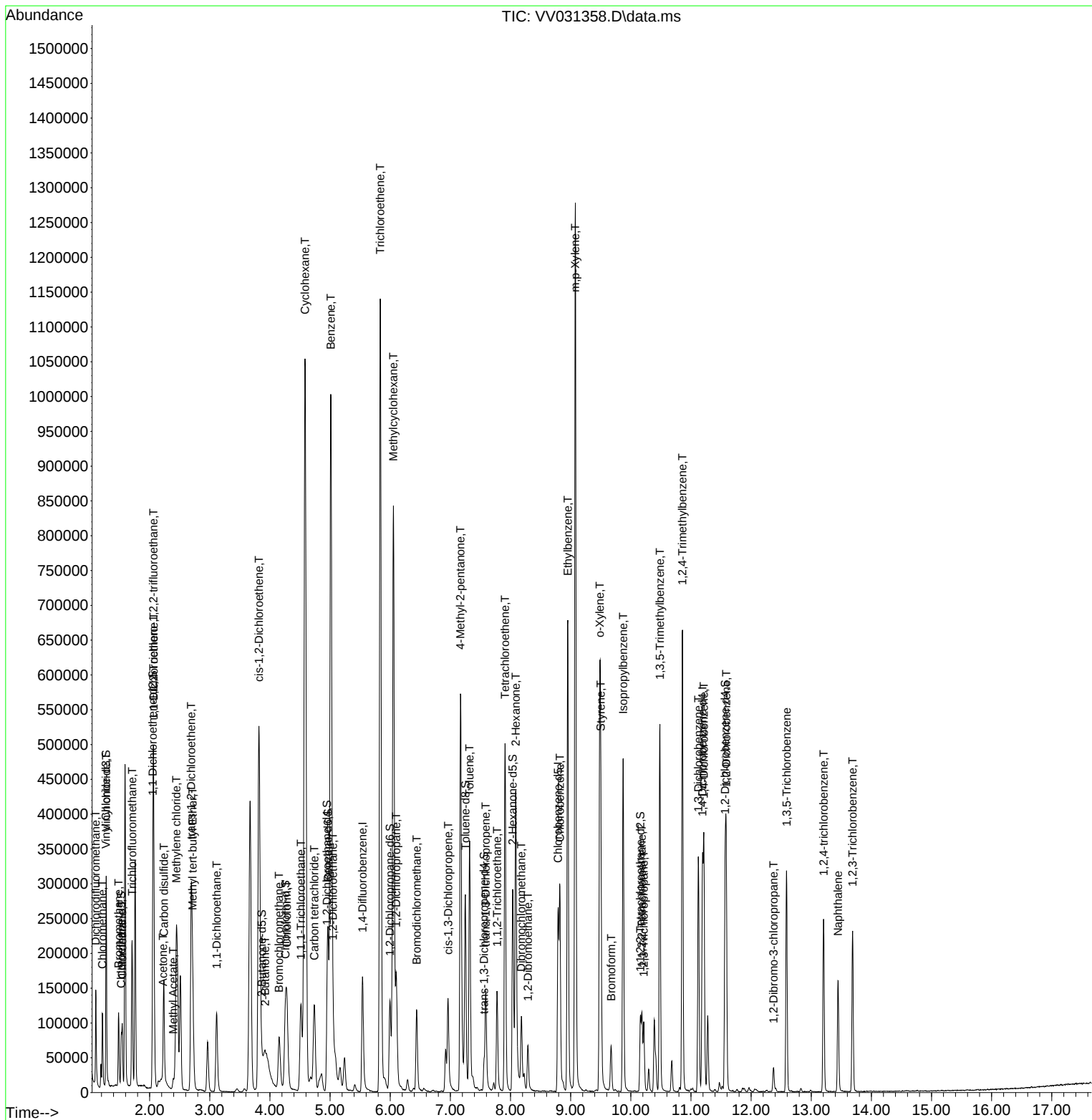
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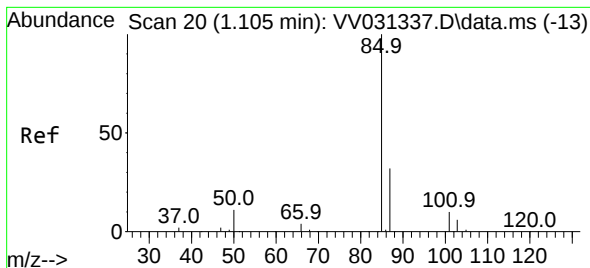
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	83451	5.024	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	106198	4.929	ug/L	99
30) Cyclohexane	4.584	56	593677	30.349	ug/L	96
31) Carbon tetrachloride	4.738	117	94352	4.910	ug/L	98
33) Benzene	5.011	78	978193	21.211	ug/L	100
34) Trichloroethene	5.835	95	413641	33.210	ug/L	97
35) Methylcyclohexane	6.053	83	317236	17.109	ug/L	97
37) 1,2-Dichloropropane	6.098	63	63286	4.663	ug/L	98
38) Bromodichloromethane	6.439	83	81429	4.692	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	87577	4.916	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	428712	53.835	ug/L	96
42) Toluene	7.320	91	253191	5.174	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	76304	4.979	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	43153	4.684	ug/L	98
47) Tetrachloroethene	7.908	164	109668	11.299	ug/L	99
48) 2-Hexanone	8.088	43	307285	48.587	ug/L	99
49) Dibromochloromethane	8.182	129	50646	4.923	ug/L	98
50) 1,2-Dibromoethane	8.291	107	42123	4.944	ug/L	95
51) Chlorobenzene	8.822	112	147954	4.854	ug/L	97
52) Ethylbenzene	8.953	91	453607	8.862	ug/L	98
53) m,p-Xylene	9.079	106	326982	17.756	ug/L	98
54) o-Xylene	9.484	106	125199	7.254	ug/L	99
55) Styrene	9.503	104	169108	5.509	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	52976	4.824	ug/L	99
59) Bromoform	9.674	173	29753	4.879	ug/L	97
60) Isopropylbenzene	9.873	105	284614	5.235	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	39693	4.293	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	269746	6.123	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	338226	7.438	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	128923	4.897	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	129308	4.689	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	120524	4.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	9241	4.357	ug/L	90
69) 1,3,5-Trichlorobenzene	12.590	180	93492	4.779	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	74416	4.743	ug/L	98
71) Naphthalene	13.445	128	123412	5.127	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	68024	4.833	ug/L	99

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

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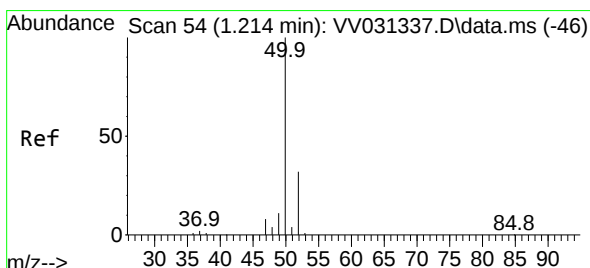
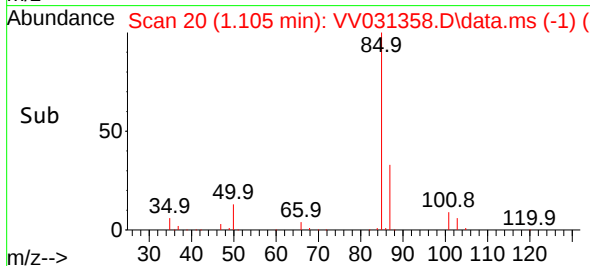
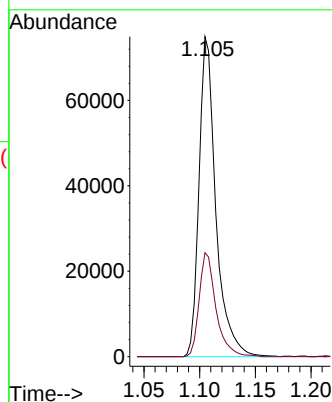
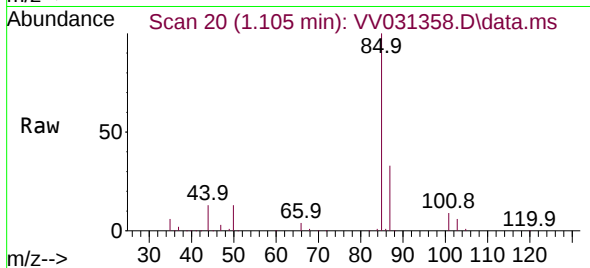




#2
 Dichlorodifluoromethane
 Concen: 4.202 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

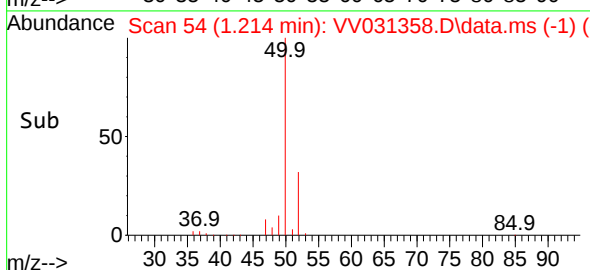
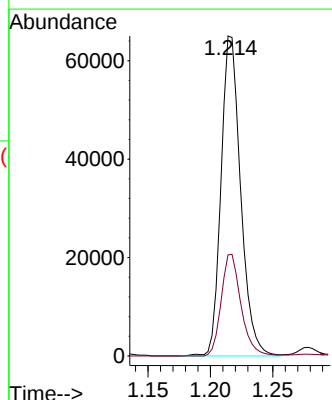
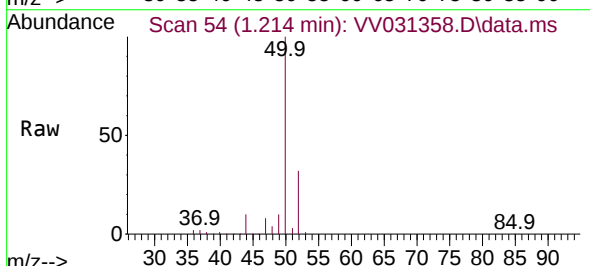
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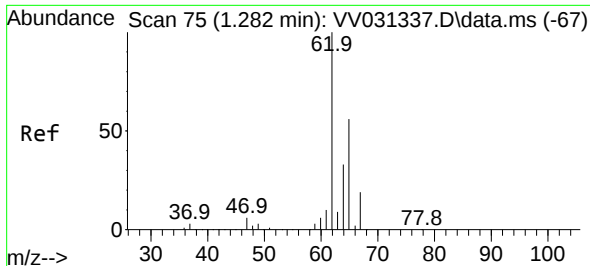
Tgt Ion: 85 Resp: 78756
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.6 38.4



#3
 Chloromethane
 Concen: 3.853 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

Tgt Ion: 50 Resp: 71354
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.2 43.2

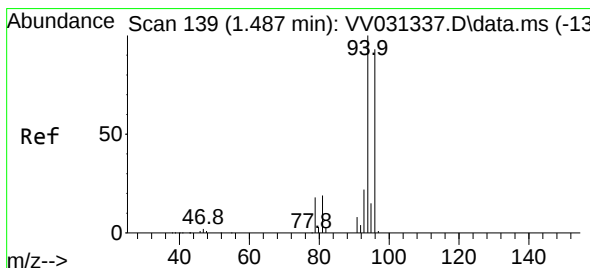
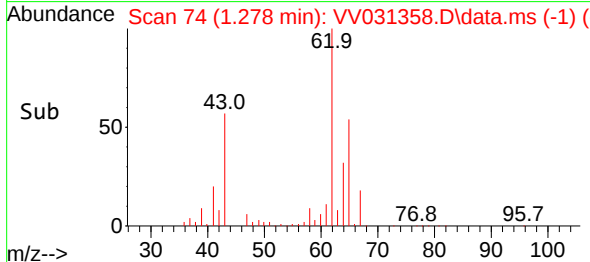
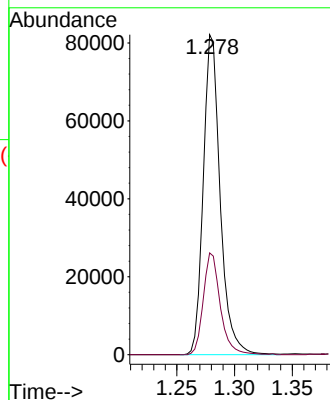
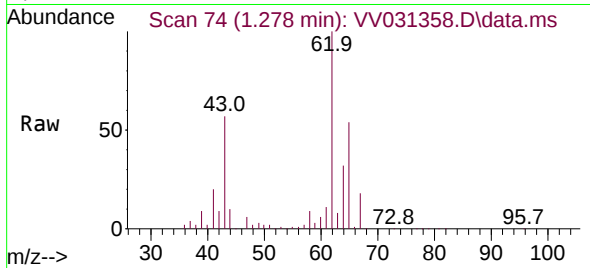




#5
 Vinyl chloride
 Concen: 4.516 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

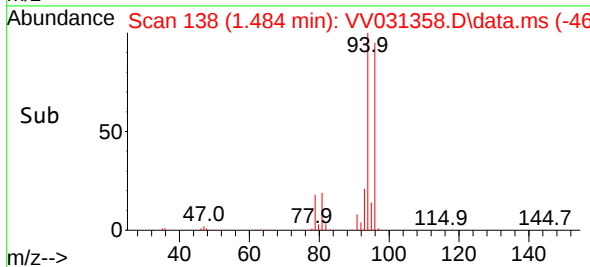
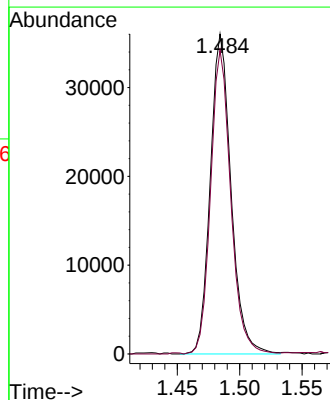
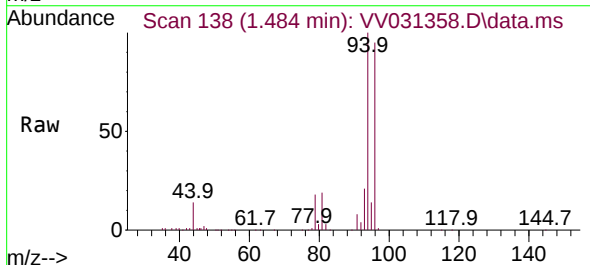
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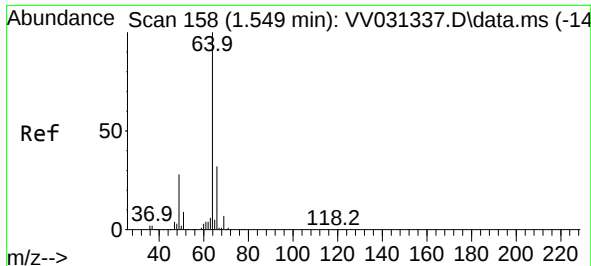
Tgt Ion: 62 Resp: 83588
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.0 40.8



#6
 Bromomethane
 Concen: 3.943 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

Tgt Ion: 94 Resp: 41840
 Ion Ratio Lower Upper
 94 100
 96 94.9 63.7 118.3

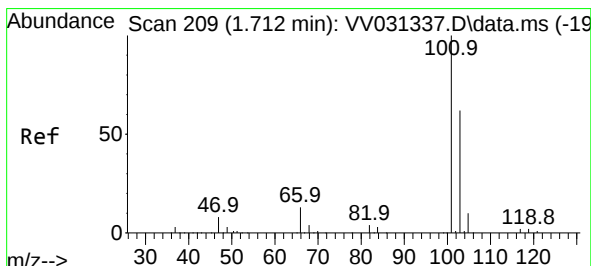
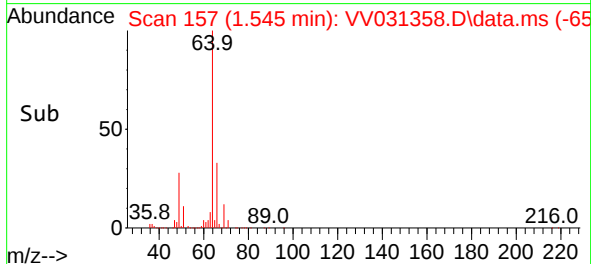
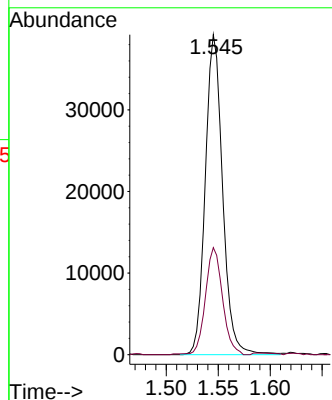
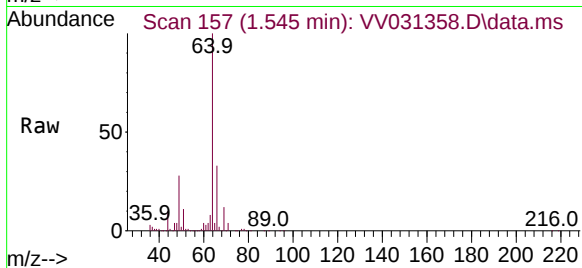




#8
Chloroethane
Concen: 3.937 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

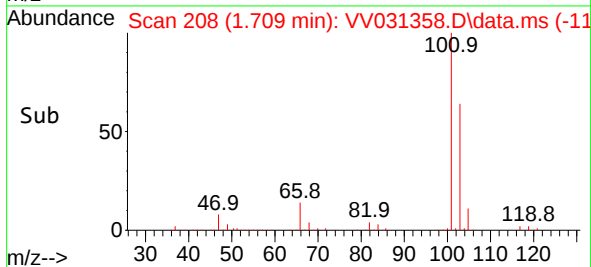
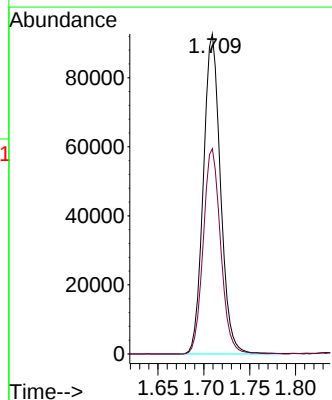
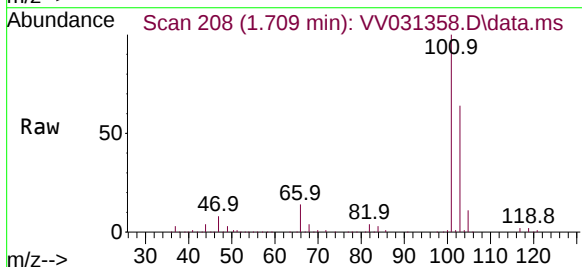
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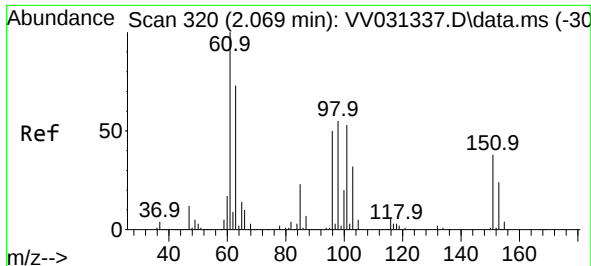
Tgt Ion: 64 Resp: 45443
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.427 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion:101 Resp: 120689
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

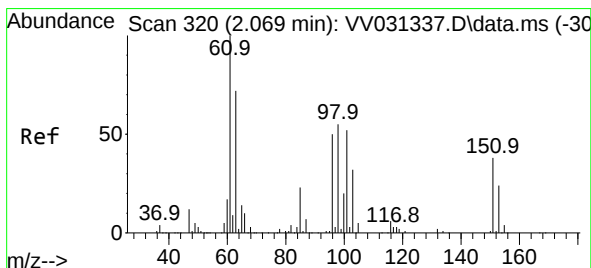
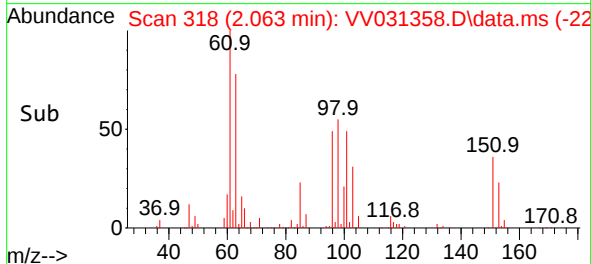
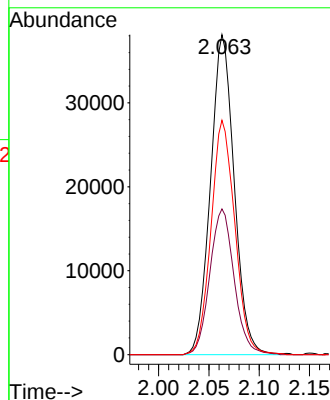
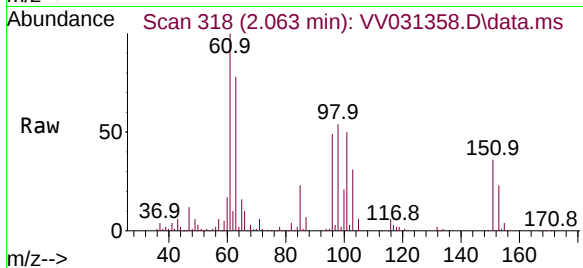




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.154 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

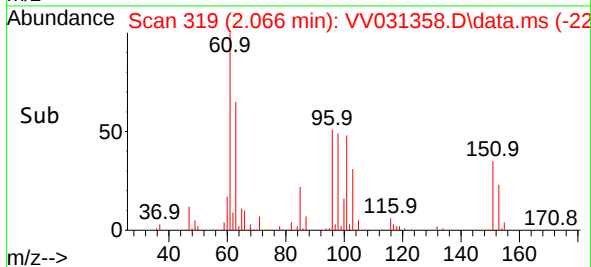
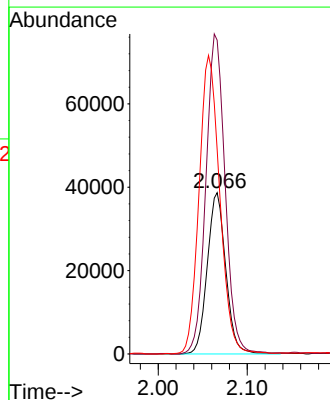
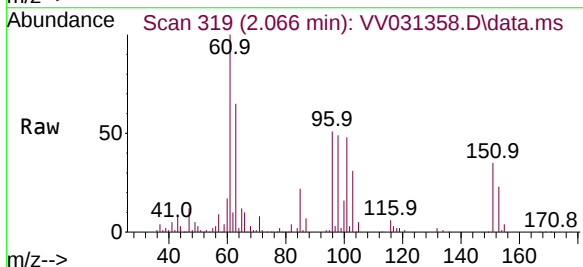
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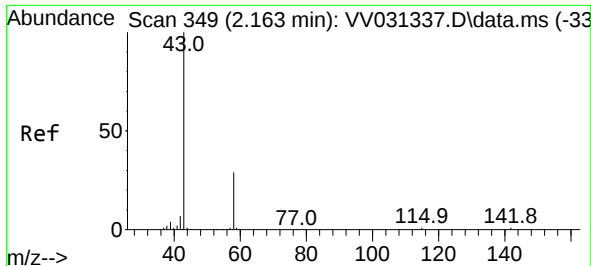
Tgt Ion:101 Resp: 62602
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.2 55.8
 151 73.8 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.303 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

Tgt Ion: 96 Resp: 55829
 Ion Ratio Lower Upper
 96 100
 61 194.5 138.3 256.8
 63 126.7 101.9 189.3





#13

Acetone

Concen: 23.990 ug/L

RT: 2.224 min Scan# 3

Delta R.T. 0.061 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

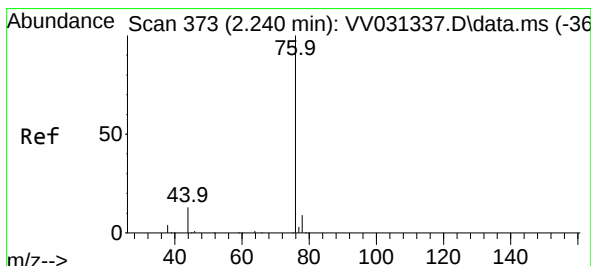
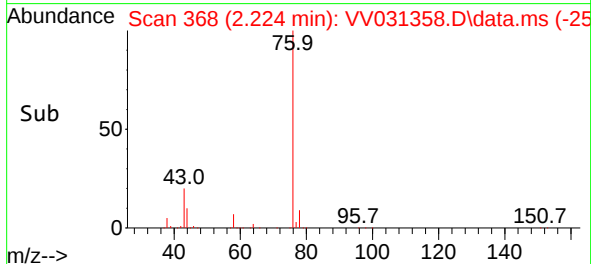
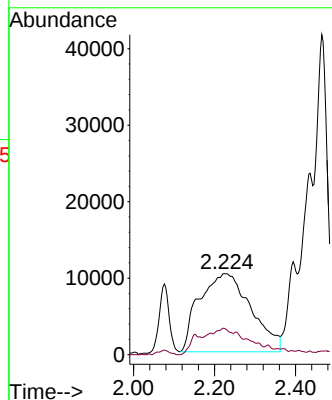
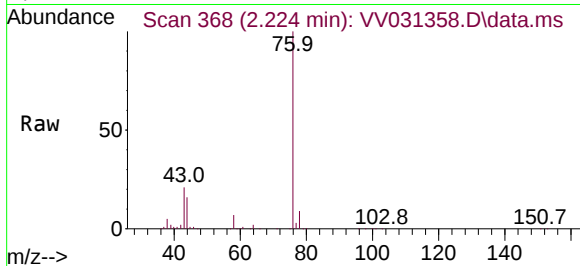
F6C29MS

Tgt Ion: 43 Resp: 90653

Ion Ratio Lower Upper

43 100

58 2.2 0.0 48.4



#14

Carbon disulfide

Concen: 4.113 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV031358.D

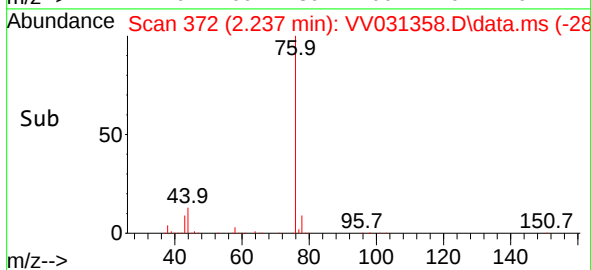
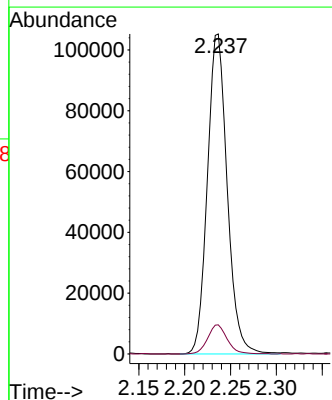
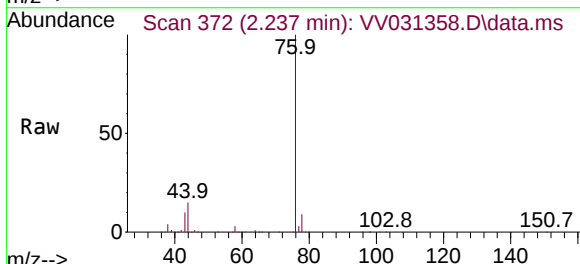
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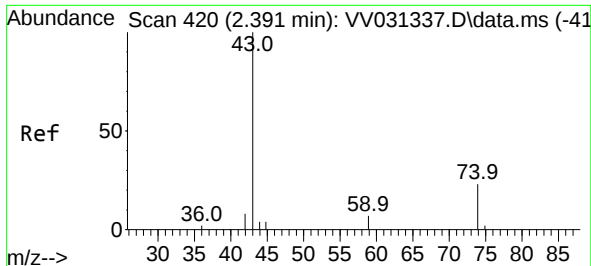
Tgt Ion: 76 Resp: 158197

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

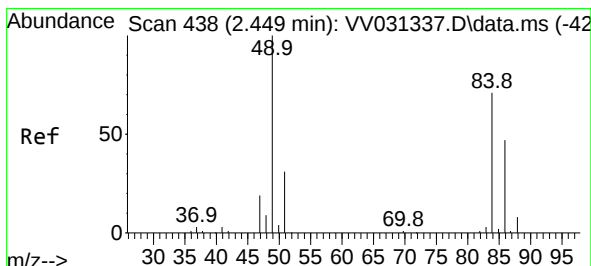
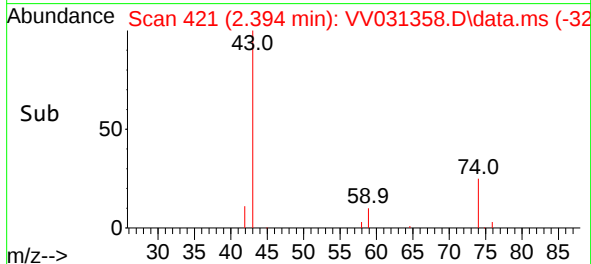
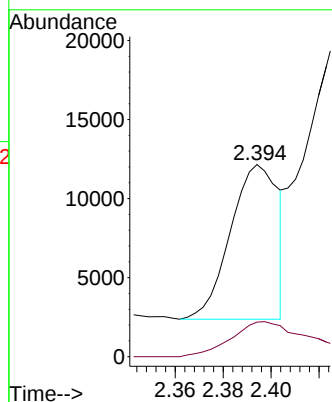
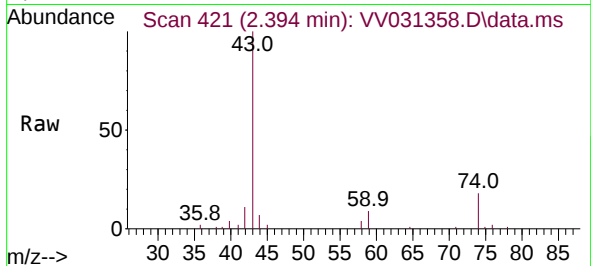




#15
Methyl Acetate
Concen: 1.836 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

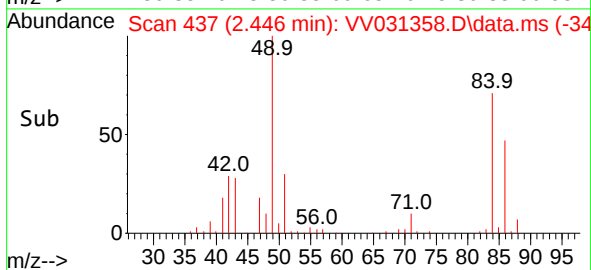
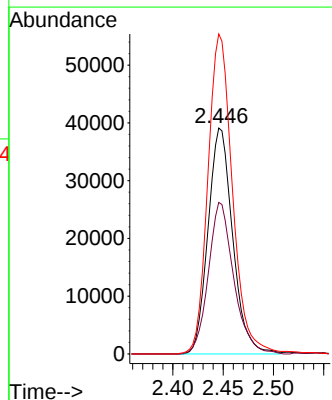
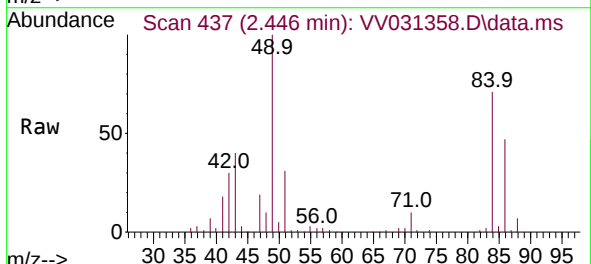
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

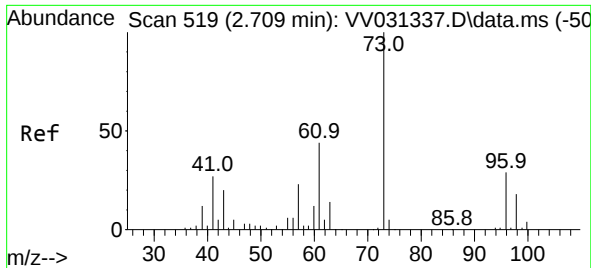
Tgt Ion: 43 Resp: 13477
Ion Ratio Lower Upper
43 100
74 45.5 16.2 24.2#



#16
Methylene chloride
Concen: 4.225 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 84 Resp: 66642
Ion Ratio Lower Upper
84 100
86 67.1 46.7 86.7
49 141.7 101.6 188.8

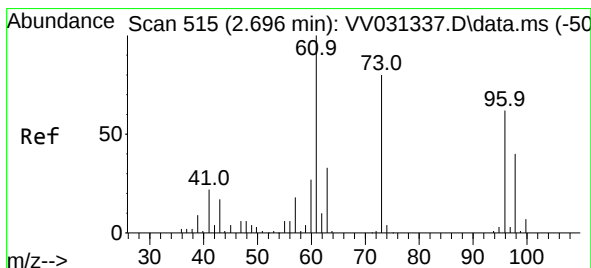
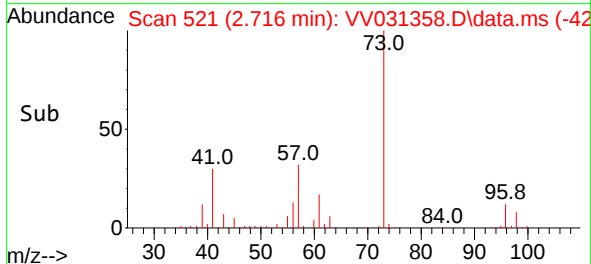
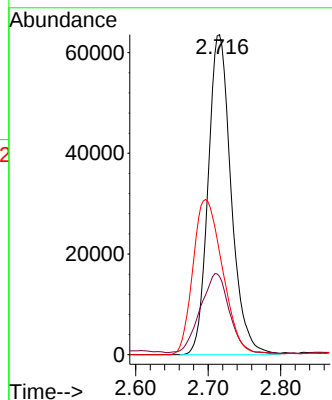
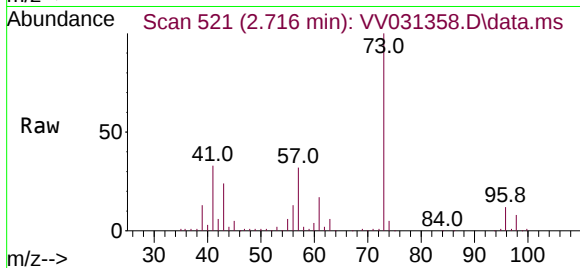




#17
Methyl tert-butyl Ether
Concen: 4.744 ug/L
RT: 2.716 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

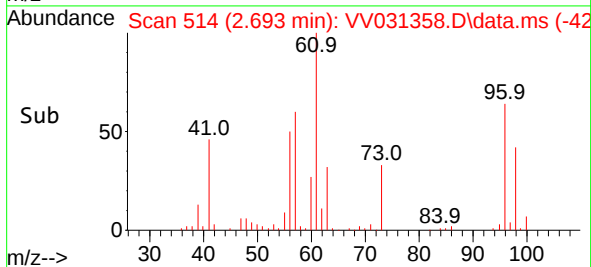
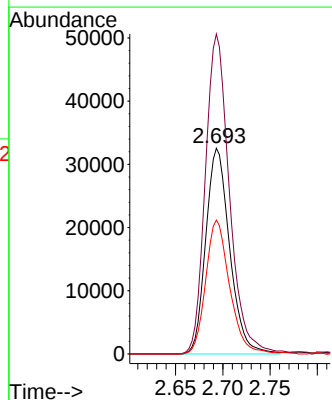
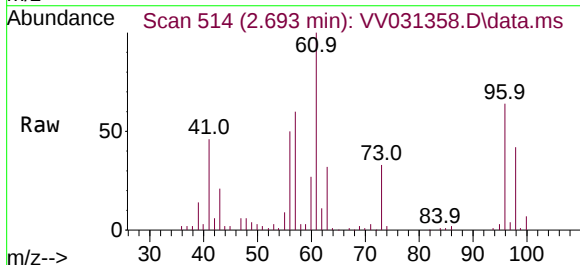
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

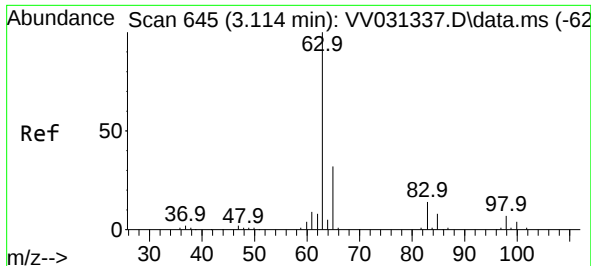
Tgt Ion: 73 Resp: 140275
Ion Ratio Lower Upper
73 100
43 30.6 17.8 26.8#
57 62.4 19.8 29.8#



#18
trans-1,2-Dichloroethene
Concen: 4.660 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 96 Resp: 57342
Ion Ratio Lower Upper
96 100
61 155.5 114.2 212.0
98 65.0 45.0 83.6

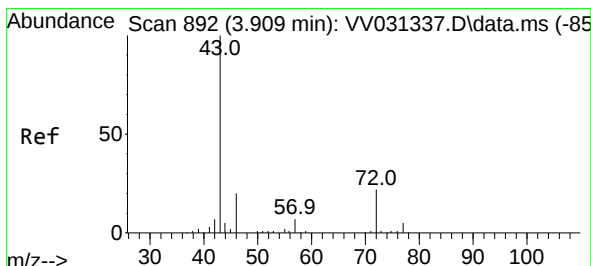
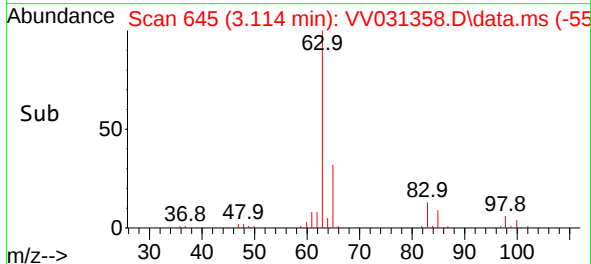
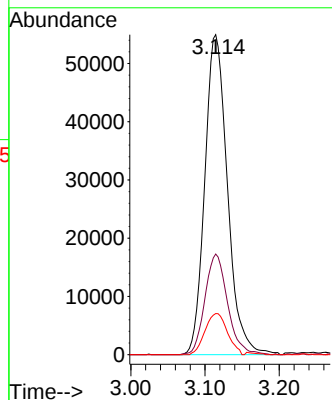
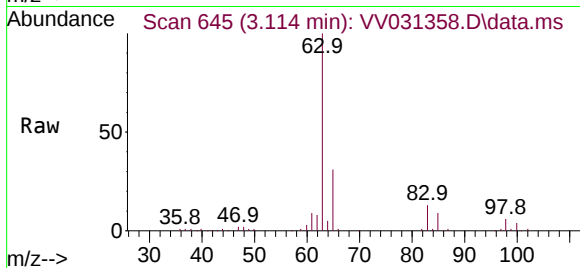




#19
1,1-Dichloroethane
Concen: 4.263 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

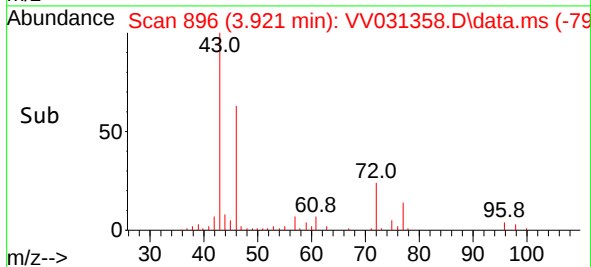
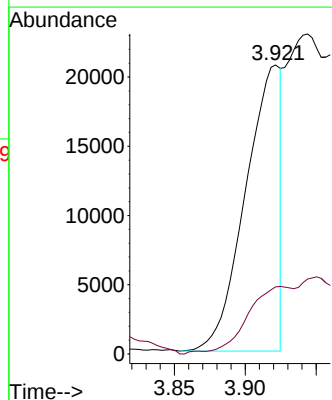
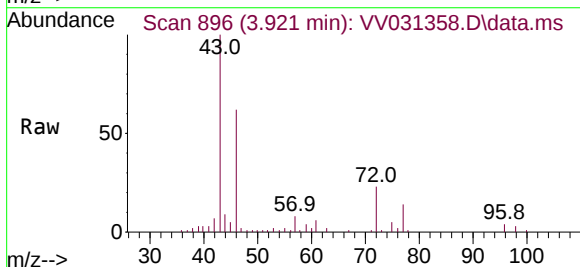
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

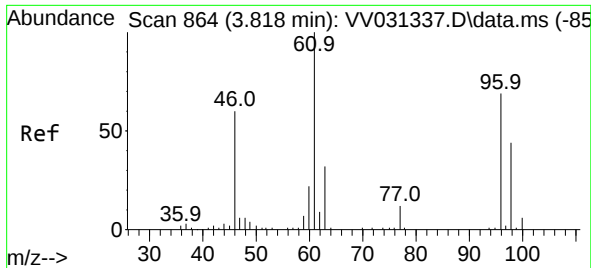
Tgt Ion: 63 Resp: 116515
Ion Ratio Lower Upper
63 100
65 31.5 22.0 40.8
83 12.9 9.0 16.6



#21
2-Butanone
Concen: 7.265 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 43 Resp: 35704
Ion Ratio Lower Upper
43 100
72 30.4 7.8 23.5#

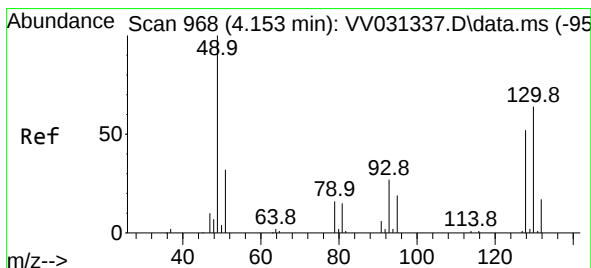
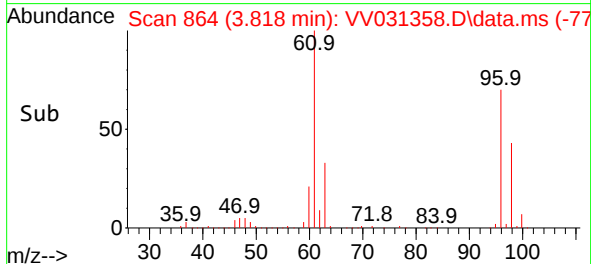
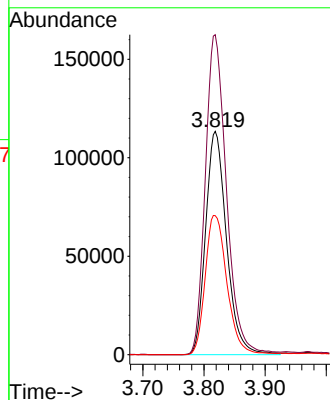
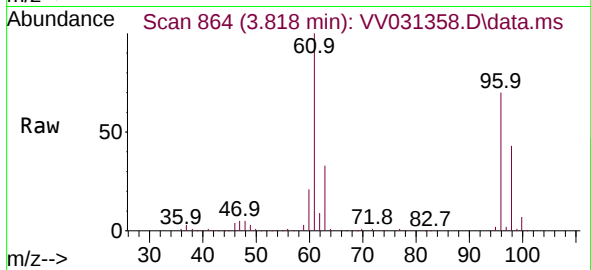




#22
 cis-1,2-Dichloroethene
 Concen: 21.680 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

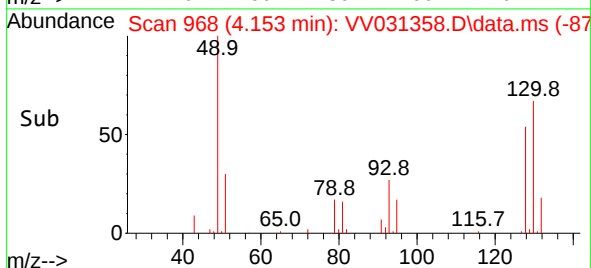
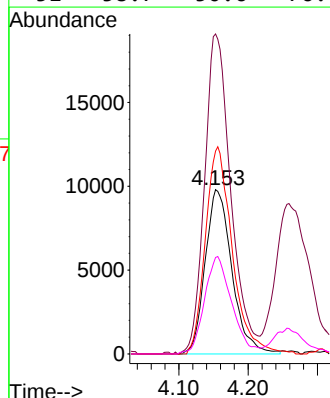
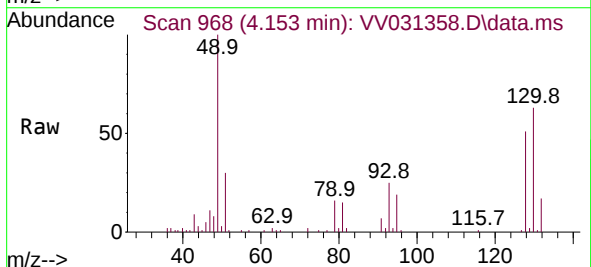
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MS

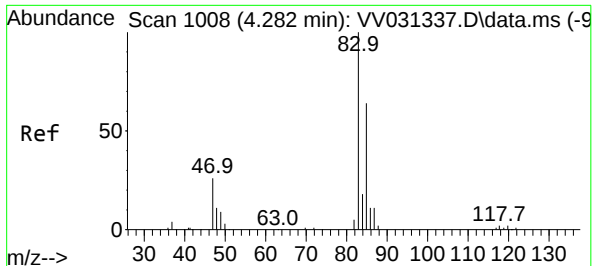
Tgt Ion: 96 Resp: 270322
 Ion Ratio Lower Upper
 96 100
 61 143.3 100.8 187.2
 98 62.3 45.1 83.9



#23
 Bromochloromethane
 Concen: 4.457 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

Tgt Ion:128 Resp: 26271
 Ion Ratio Lower Upper
 128 100
 49 194.7 148.1 275.0
 130 123.4 89.9 166.9
 51 58.7 50.6 76.0





#25

Chloroform

Concen: 4.066 ug/L

RT: 4.282 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

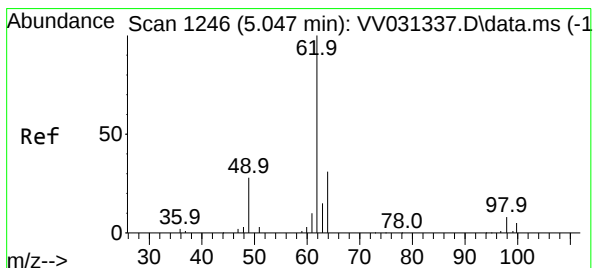
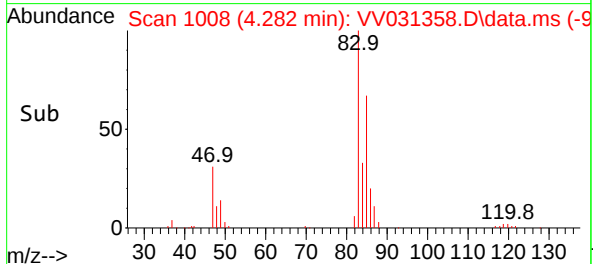
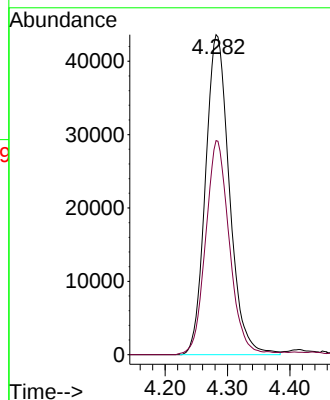
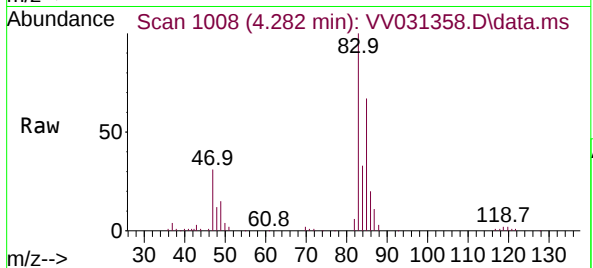
F6C29MS

Tgt Ion: 83 Resp: 116194

Ion Ratio Lower Upper

83 100

85 66.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 5.024 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031358.D

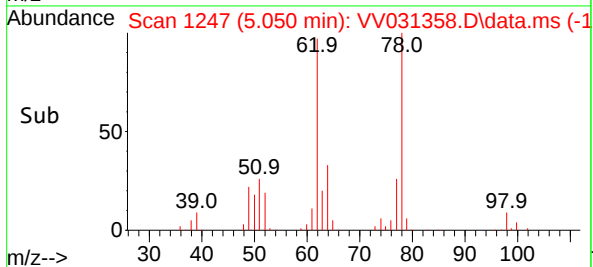
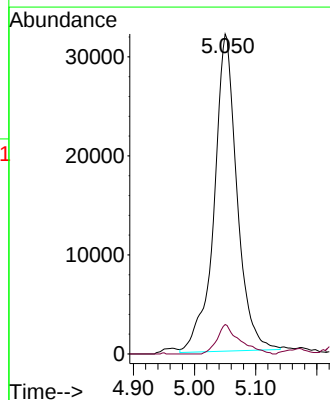
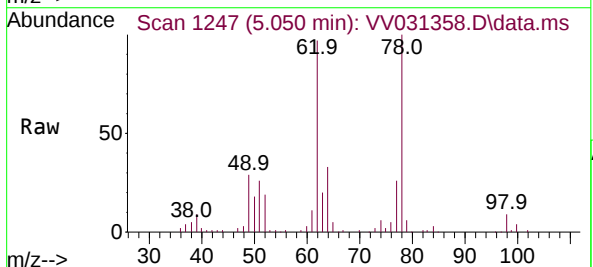
Acq: 05 Jun 2023 19:41

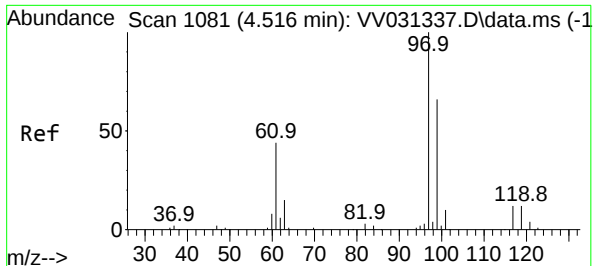
Tgt Ion: 62 Resp: 83451

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.929 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

F6C29MS

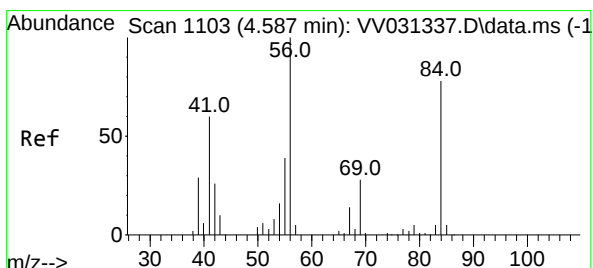
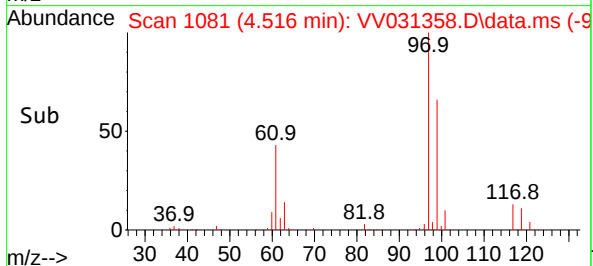
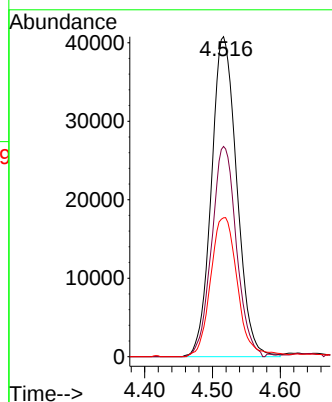
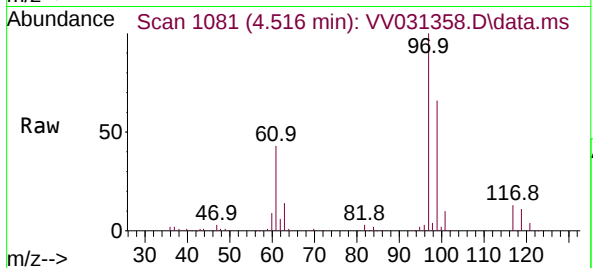
Tgt Ion: 97 Resp: 106198

Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.4

61 46.1 36.4 54.6



#30

Cyclohexane

Concen: 30.349 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

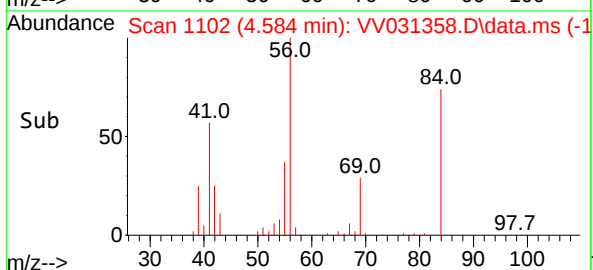
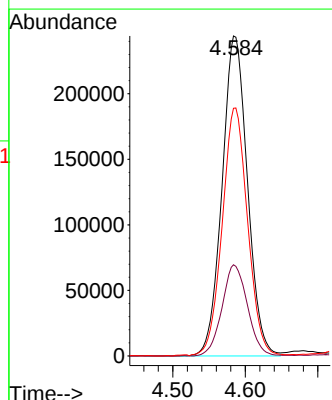
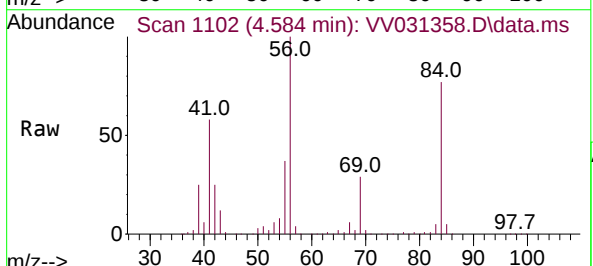
Tgt Ion: 56 Resp: 593677

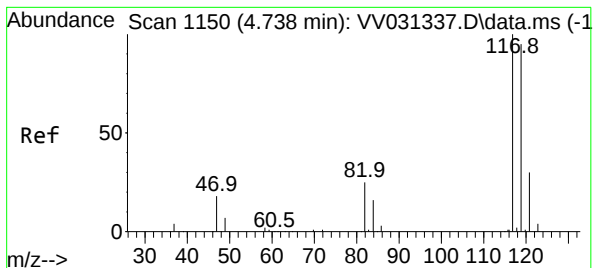
Ion Ratio Lower Upper

56 100

69 28.6 23.2 34.8

84 77.4 58.5 87.7





#31

Carbon tetrachloride

Concen: 4.910 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

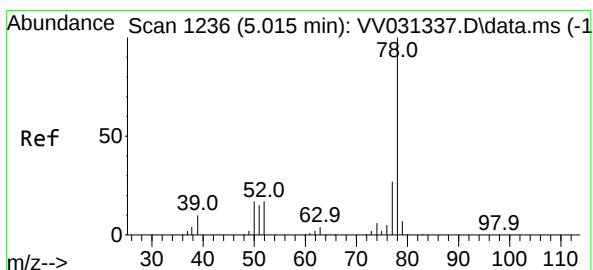
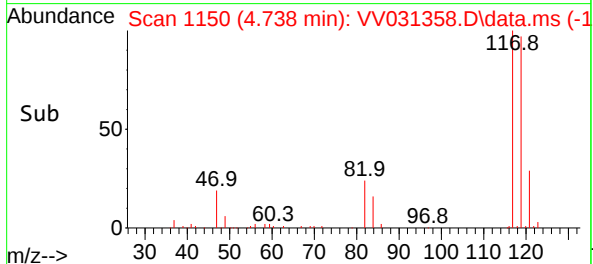
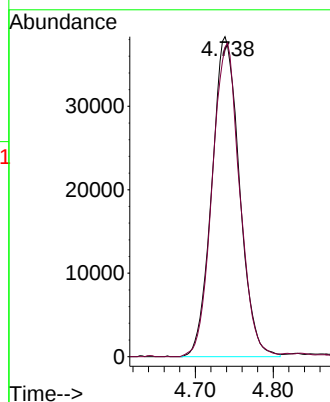
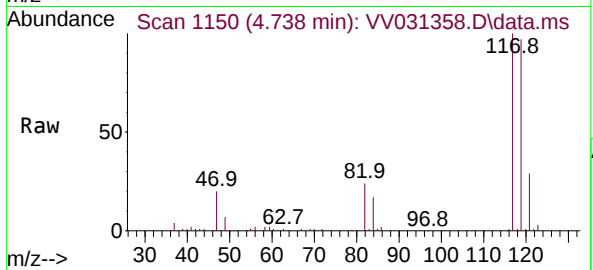
F6C29MS

Tgt Ion:117 Resp: 94352

Ion Ratio Lower Upper

117 100

119 97.4 76.3 114.5



#33

Benzene

Concen: 21.211 ug/L

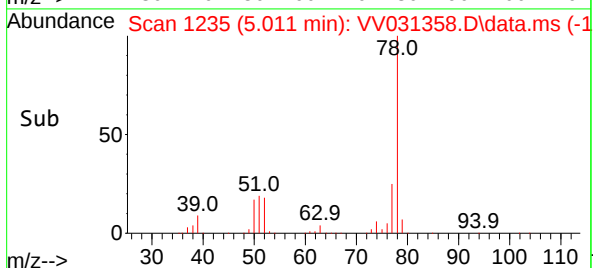
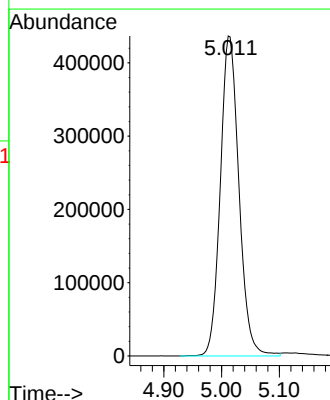
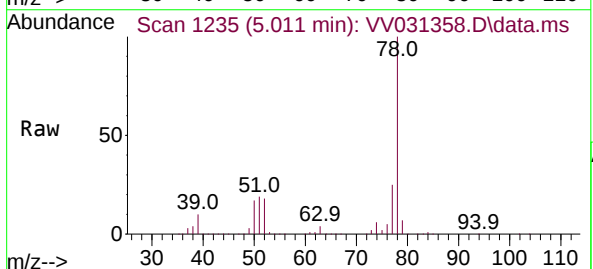
RT: 5.011 min Scan# 1235

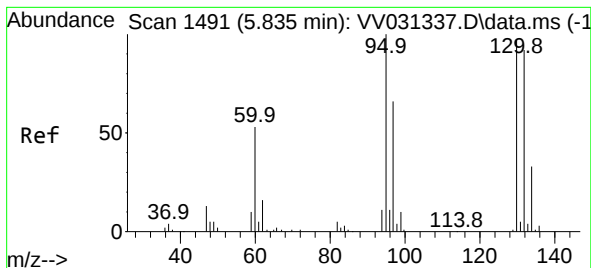
Delta R.T. -0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Tgt Ion: 78 Resp: 978193





#34

Trichloroethene

Concen: 33.210 ug/L

RT: 5.835 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

F6C29MS

Tgt Ion: 95 Resp: 413641

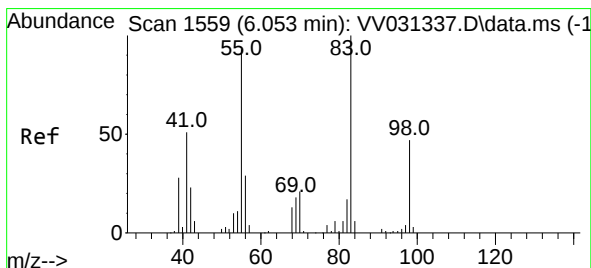
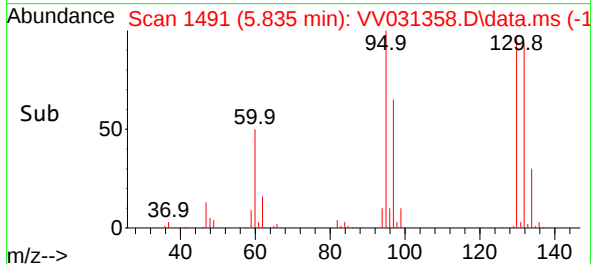
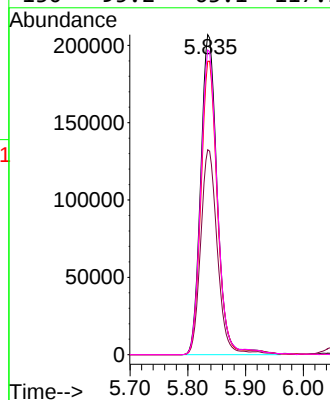
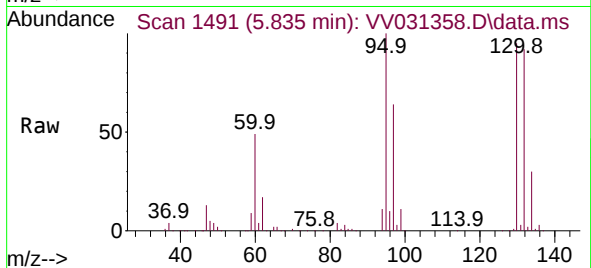
Ion Ratio Lower Upper

95 100

97 64.1 46.1 85.5

132 91.7 64.5 119.9

130 95.2 63.1 117.1



#35

Methylcyclohexane

Concen: 17.109 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

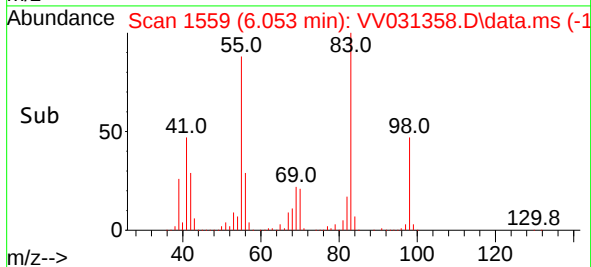
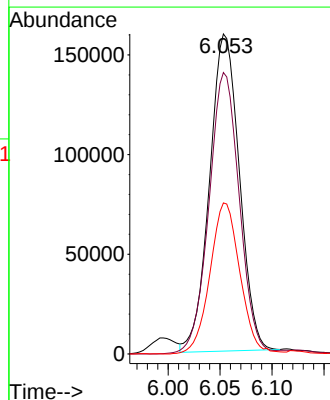
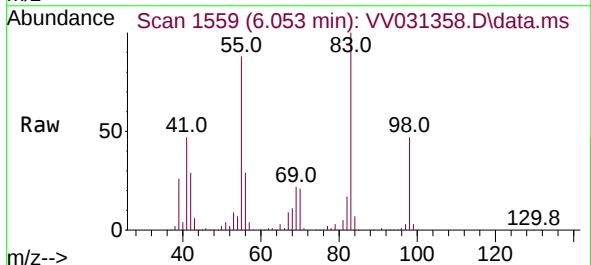
Tgt Ion: 83 Resp: 317236

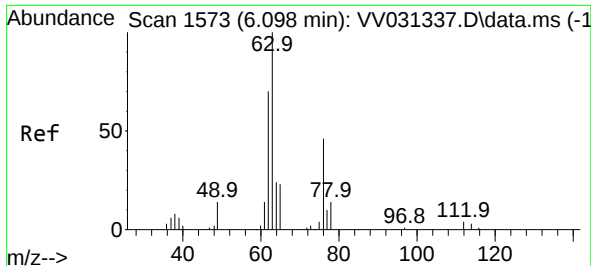
Ion Ratio Lower Upper

83 100

55 90.7 74.6 112.0

98 48.0 36.5 54.7





#37

1,2-Dichloropropane

Concen: 4.663 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

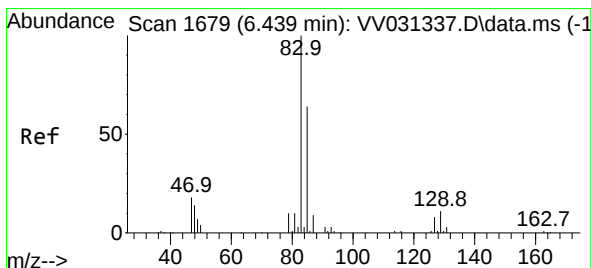
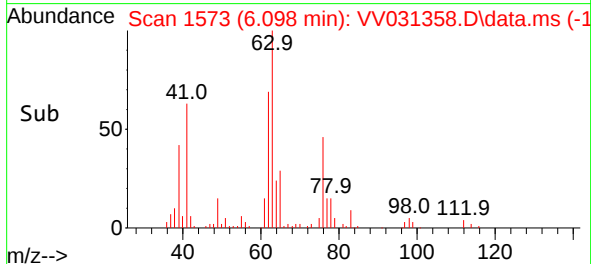
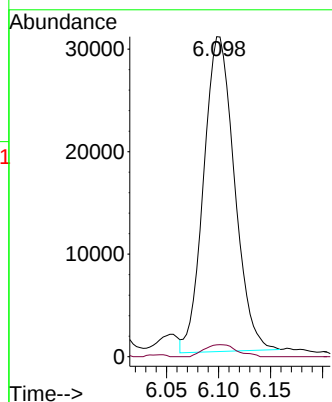
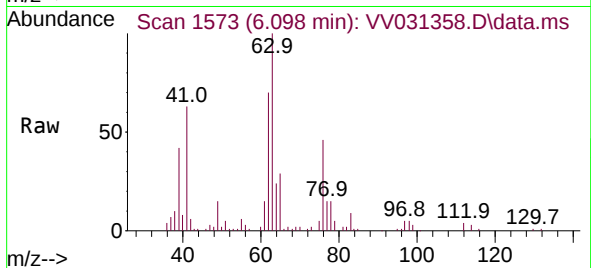
F6C29MS

Tgt Ion: 63 Resp: 63286

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 4.692 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

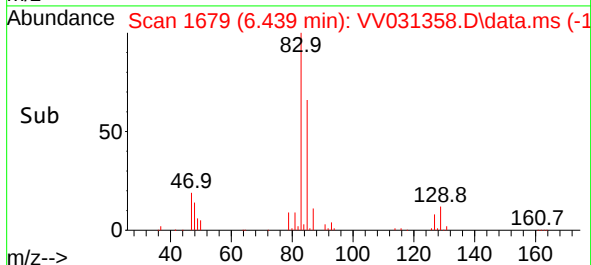
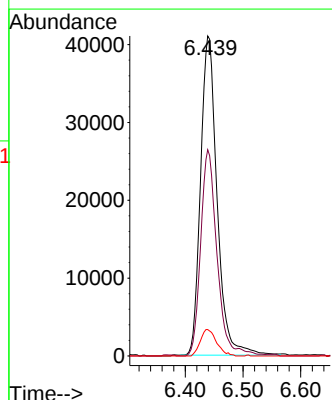
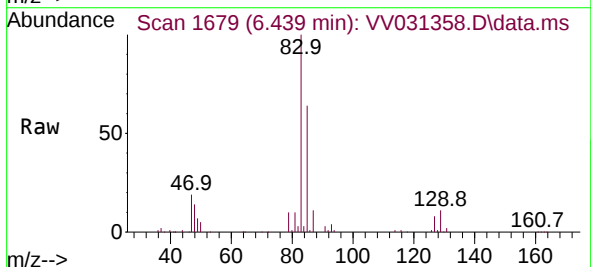
Tgt Ion: 83 Resp: 81429

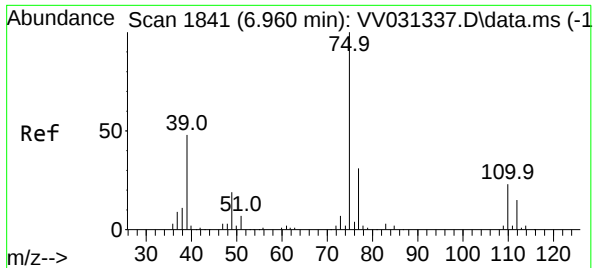
Ion Ratio Lower Upper

83 100

85 64.4 44.3 82.3

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.916 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

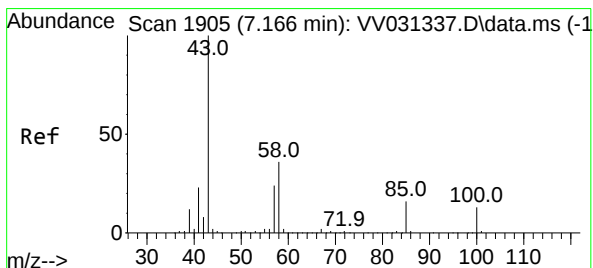
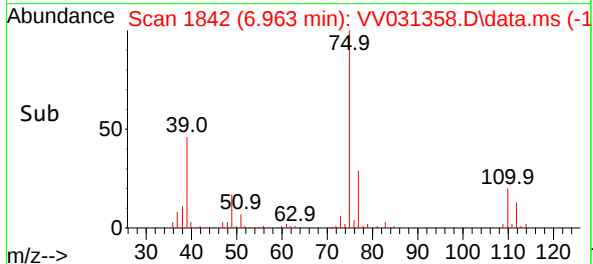
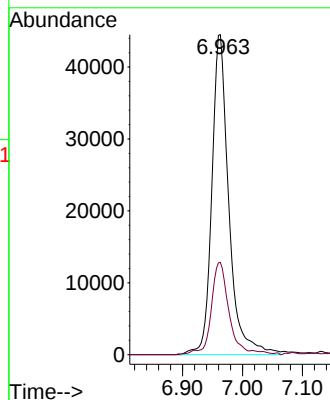
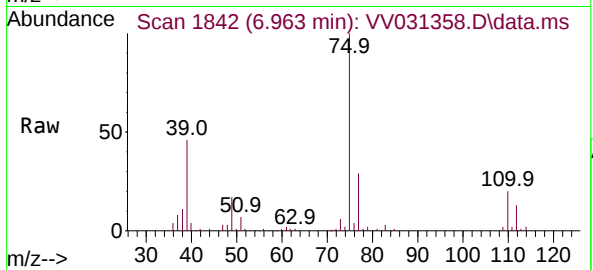
F6C29MS

Tgt Ion: 75 Resp: 87577

Ion Ratio Lower Upper

75 100

77 28.8 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 53.835 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

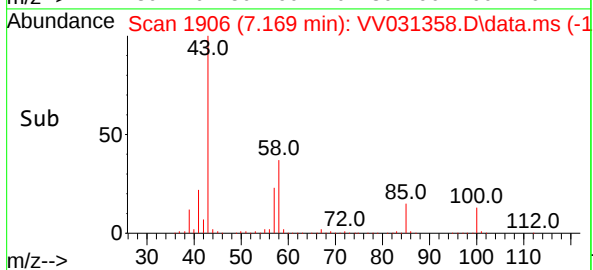
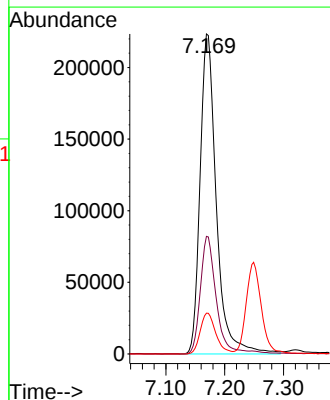
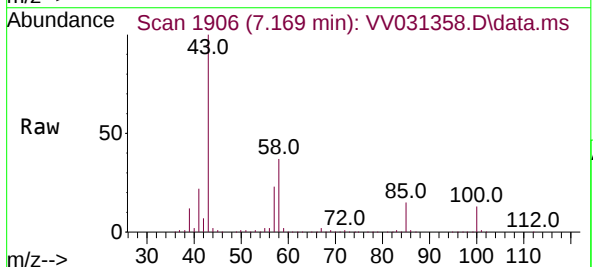
Tgt Ion: 43 Resp: 428712

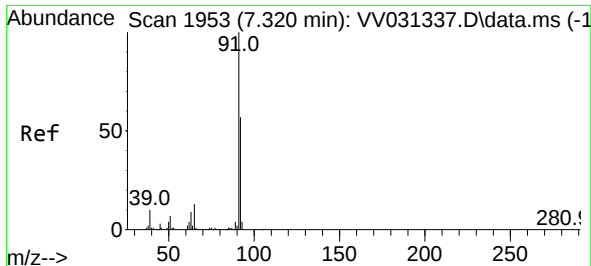
Ion Ratio Lower Upper

43 100

58 35.4 30.2 45.4

100 12.3 9.0 13.6





#42

Toluene

Concen: 5.174 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

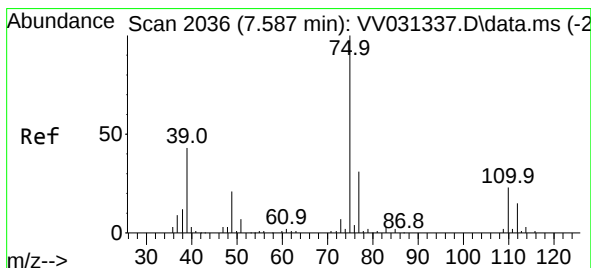
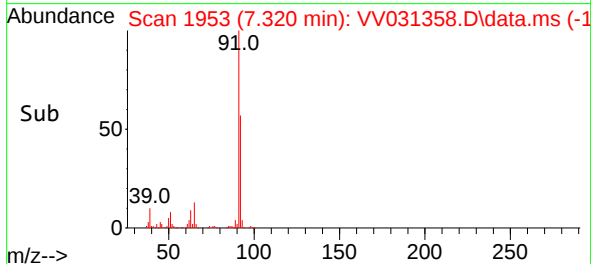
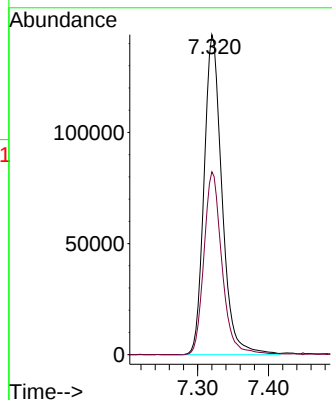
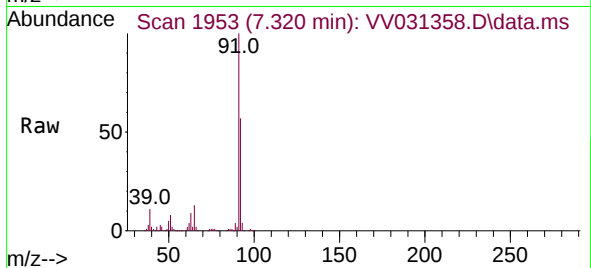
F6C29MS

Tgt Ion: 91 Resp: 253191

Ion Ratio Lower Upper

91 100

92 57.1 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.979 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031358.D

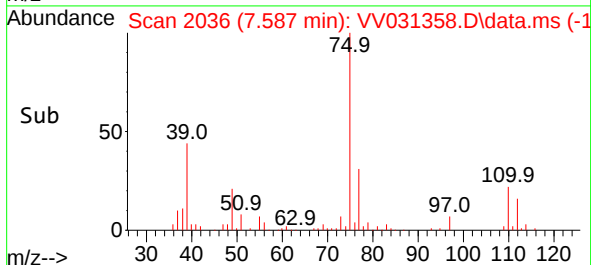
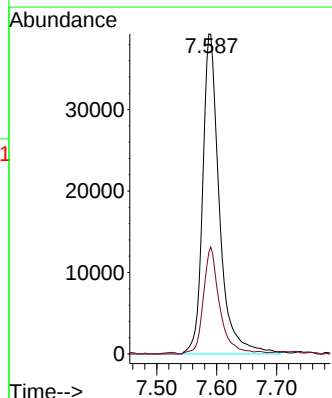
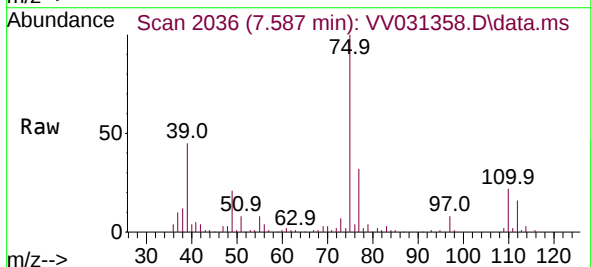
Acq: 05 Jun 2023 19:41

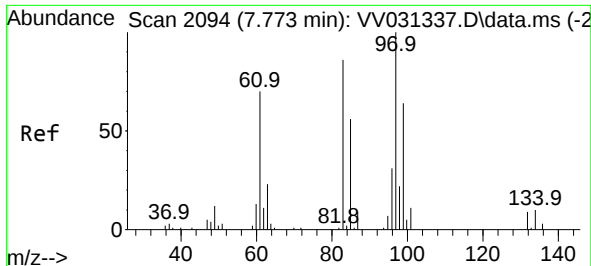
Tgt Ion: 75 Resp: 76304

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4

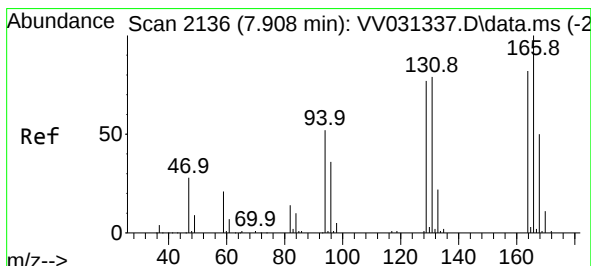
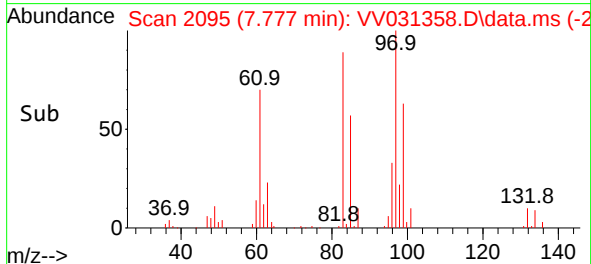
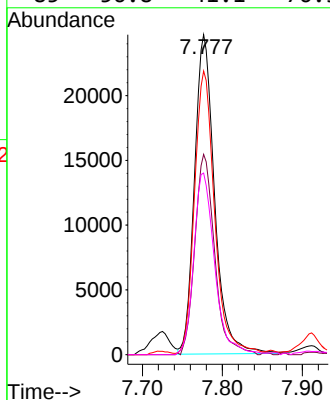
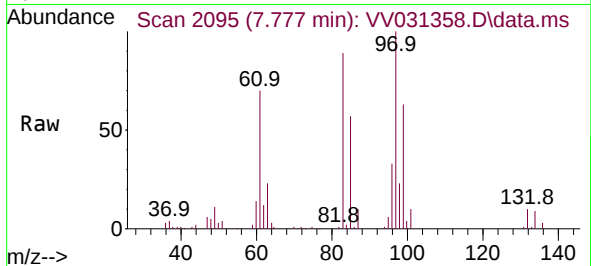




#45
1,1,2-Trichloroethane
Concen: 4.684 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

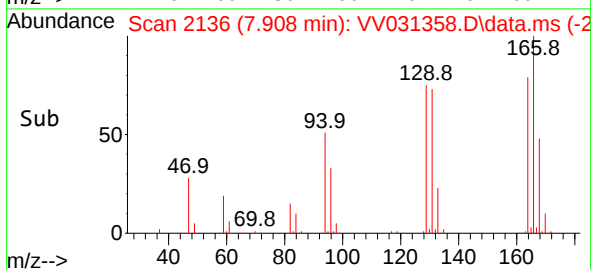
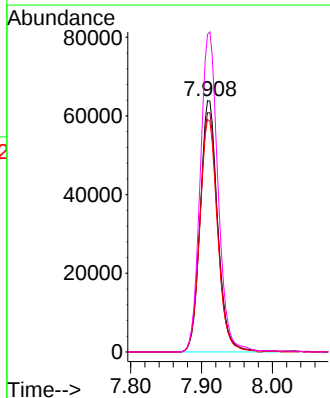
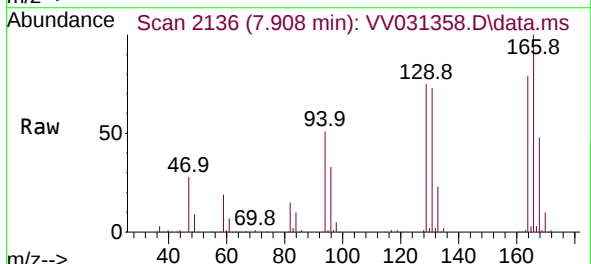
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

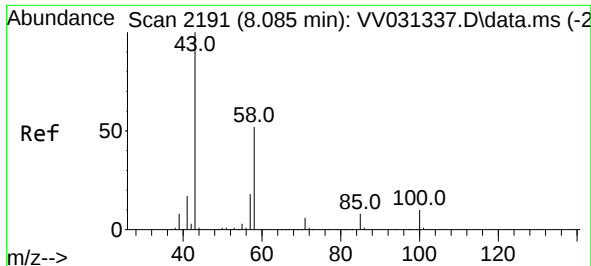
Tgt Ion:	97	Resp:	43153
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.1	80.1
83	88.6	63.1	117.1
85	56.8	41.1	76.3



#47
Tetrachloroethene
Concen: 11.299 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion:	164	Resp:	109668
Ion	Ratio	Lower	Upper
164	100		
129	95.2	66.0	122.6
131	92.6	65.3	121.3
166	126.4	90.1	167.3

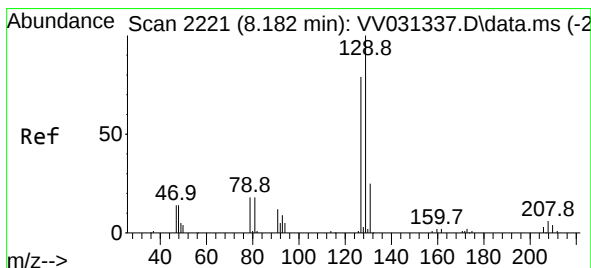
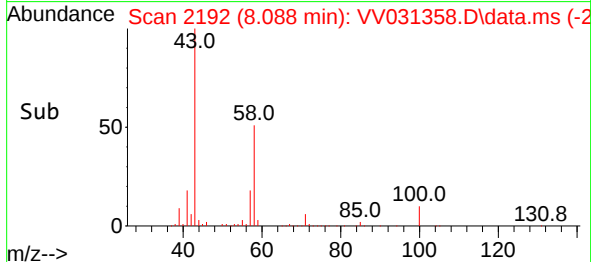
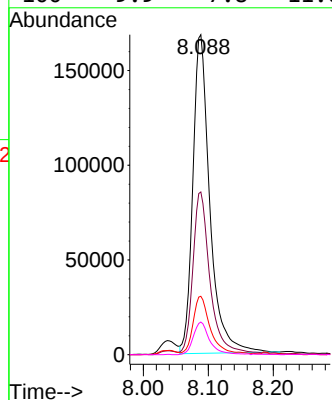
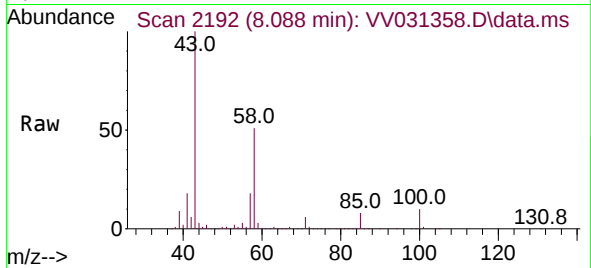




#48
2-Hexanone
Concen: 48.587 ug/L
RT: 8.088 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

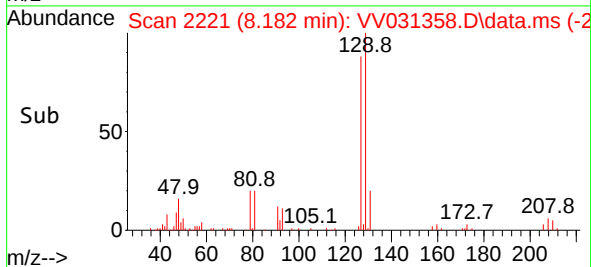
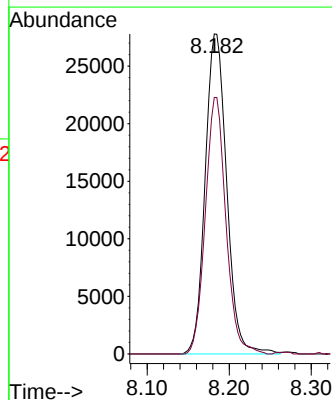
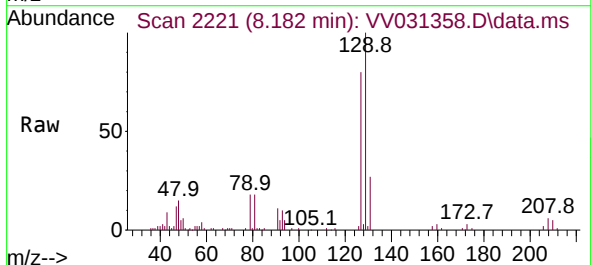
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

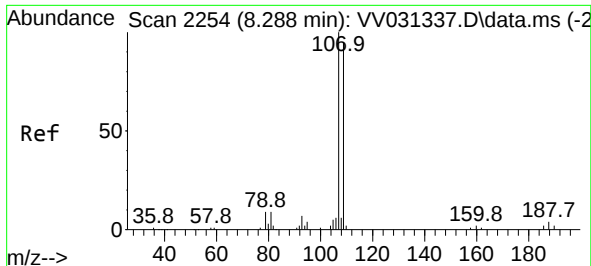
Tgt Ion: 43 Resp: 307285
Ion Ratio Lower Upper
43 100
58 50.6 41.1 61.7
57 18.3 14.4 21.6
100 9.9 7.8 11.6



#49
Dibromochloromethane
Concen: 4.923 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 129 Resp: 50646
Ion Ratio Lower Upper
129 100
127 80.2 55.0 102.2





#50

1,2-Dibromoethane

Concen: 4.944 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

F6C29MS

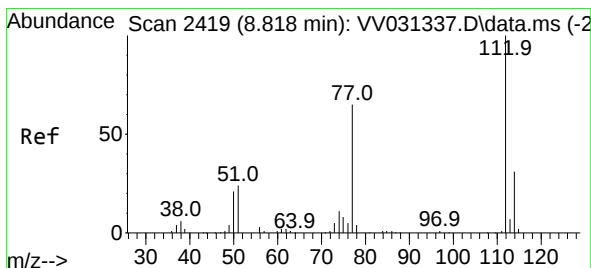
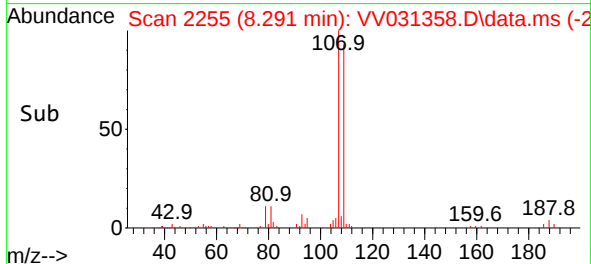
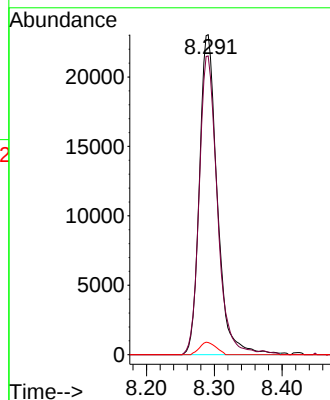
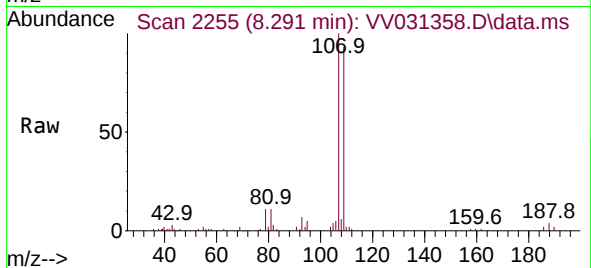
Tgt Ion:107 Resp: 42123

Ion Ratio Lower Upper

107 100

109 93.4 62.2 115.4

188 3.8 3.0 4.4



#51

Chlorobenzene

Concen: 4.854 ug/L

RT: 8.822 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

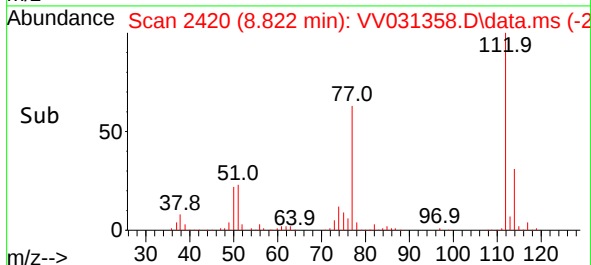
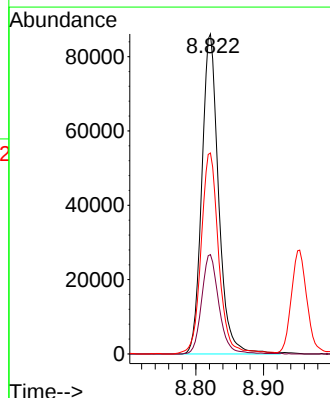
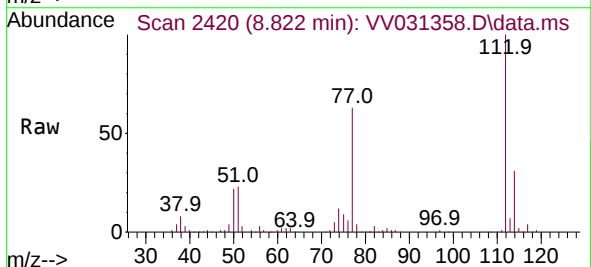
Tgt Ion:112 Resp: 147954

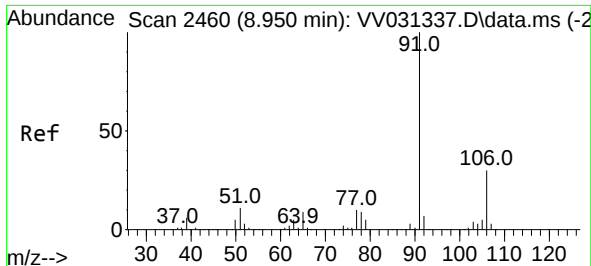
Ion Ratio Lower Upper

112 100

114 31.0 22.7 42.1

77 62.8 52.2 78.2

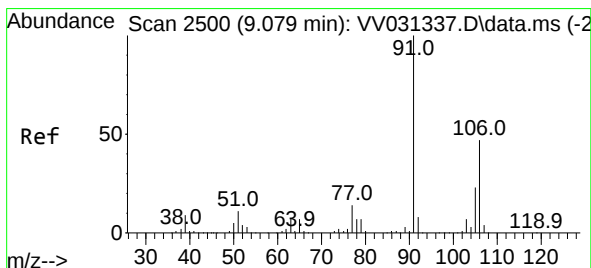
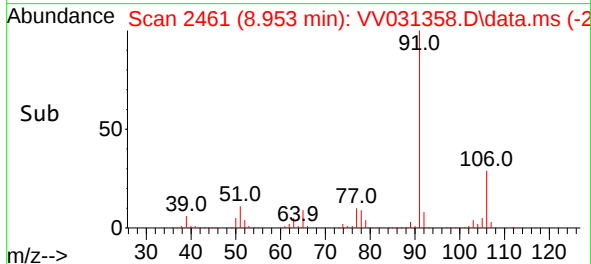
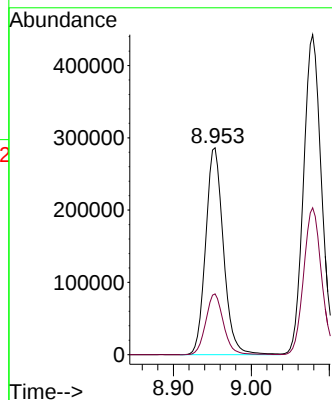
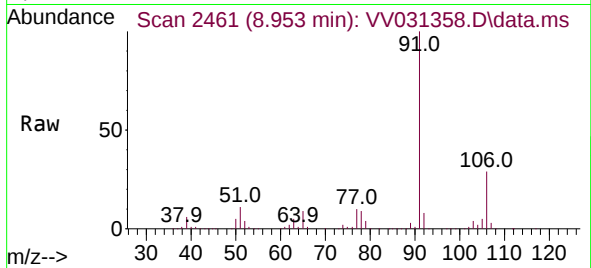




#52
Ethylbenzene
Concen: 8.862 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

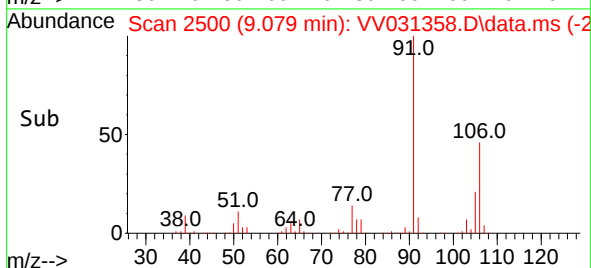
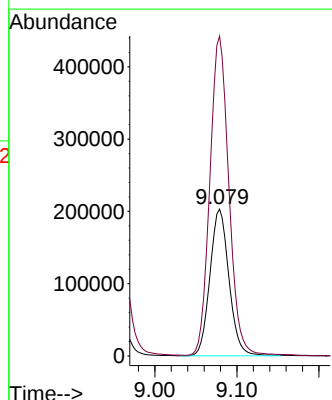
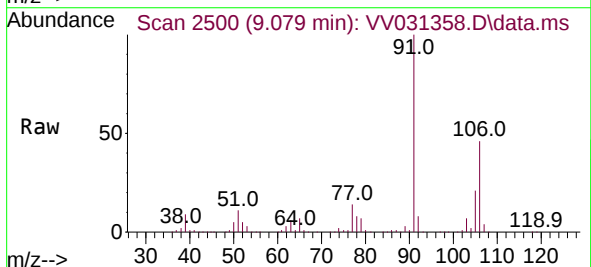
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

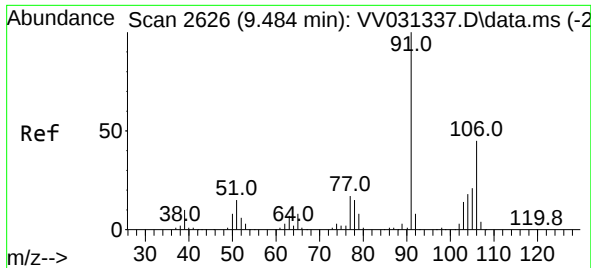
Tgt Ion: 91 Resp: 453607
Ion Ratio Lower Upper
91 100
106 29.4 20.0 37.2



#53
m,p-Xylene
Concen: 17.756 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 106 Resp: 326982
Ion Ratio Lower Upper
106 100
91 217.8 154.3 286.5

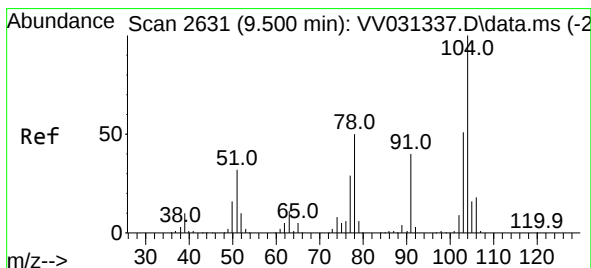
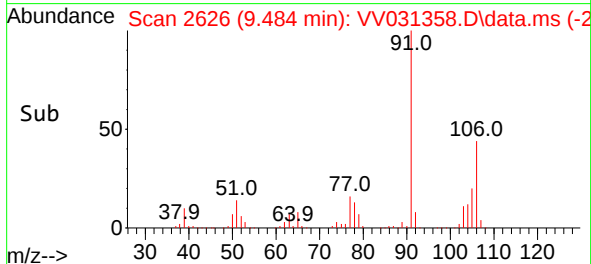
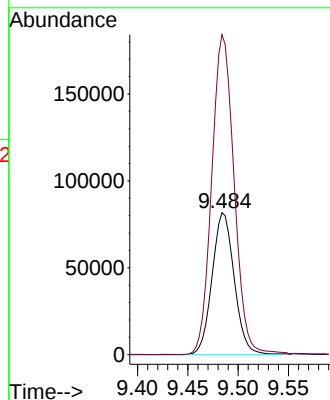
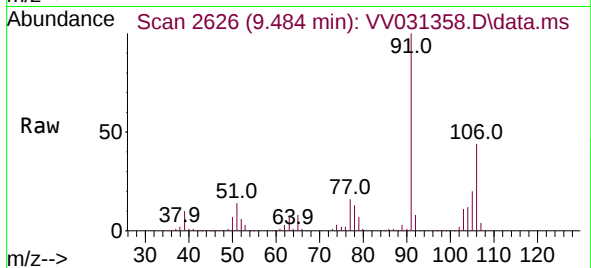




#54
o-Xylene
Concen: 7.254 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

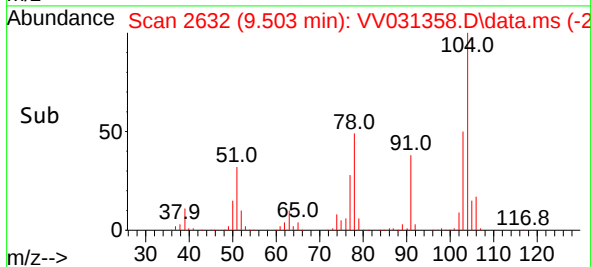
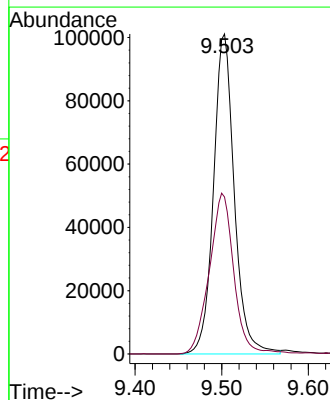
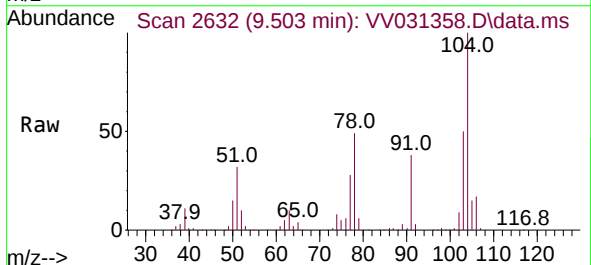
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

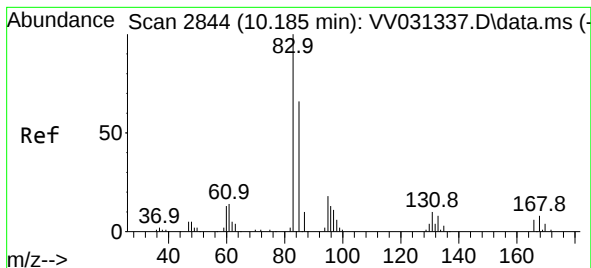
Tgt Ion:106 Resp: 125199
Ion Ratio Lower Upper
106 100
91 225.1 159.0 295.4



#55
Styrene
Concen: 5.509 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion:104 Resp: 169108
Ion Ratio Lower Upper
104 100
78 49.1 35.9 66.7

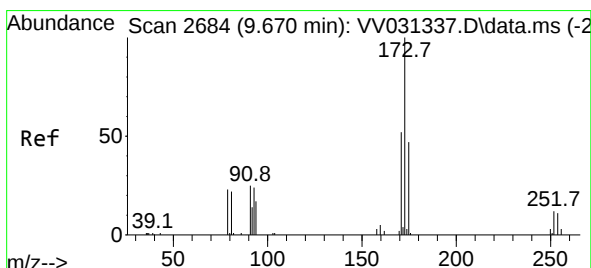
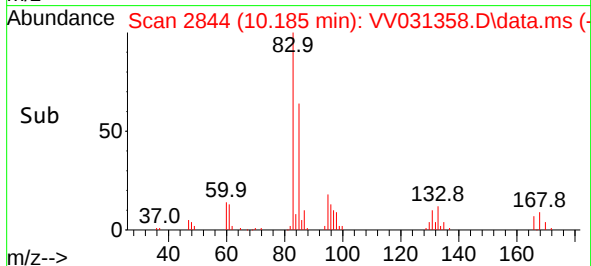
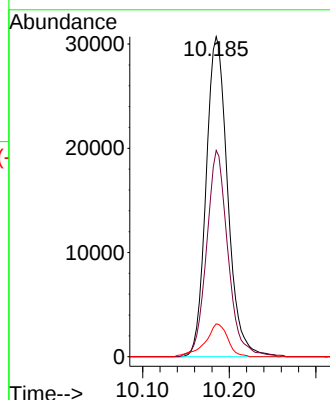
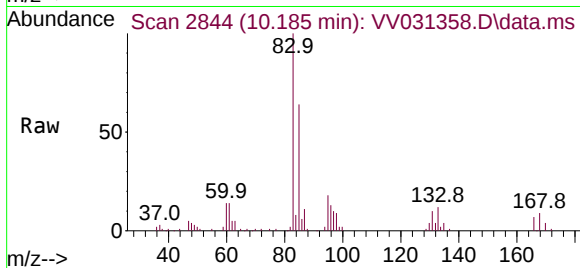




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.824 ug/L
 RT: 10.185 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

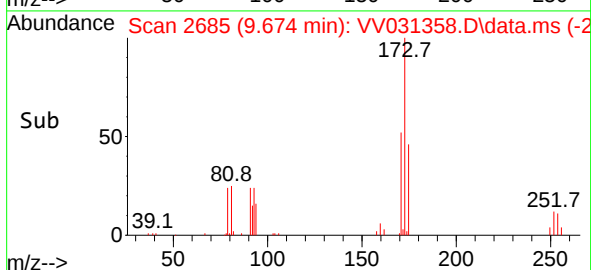
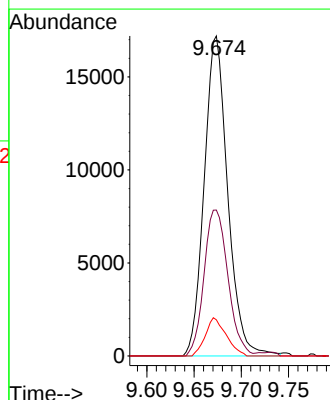
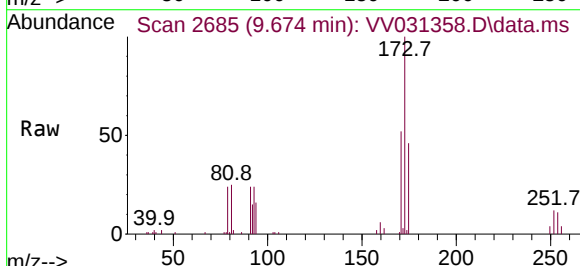
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MS

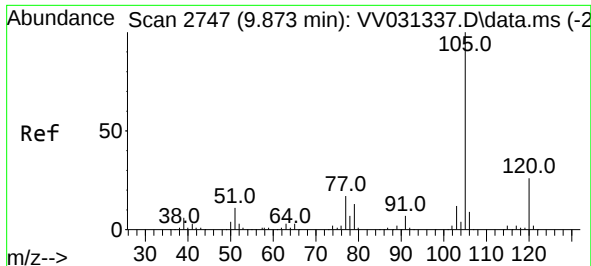
Tgt Ion:	83	Resp:	52976
Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.0	83.6
131	10.2	7.3	10.9



#59
 Bromoform
 Concen: 4.879 ug/L
 RT: 9.674 min Scan# 2685
 Delta R.T. 0.003 min
 Lab File: VV031358.D
 Acq: 05 Jun 2023 19:41

Tgt Ion:	173	Resp:	29753
Ion	Ratio	Lower	Upper
173	100		
175	46.5	38.9	58.3
254	10.6	7.8	11.8

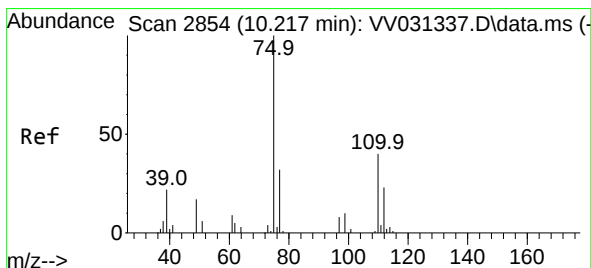
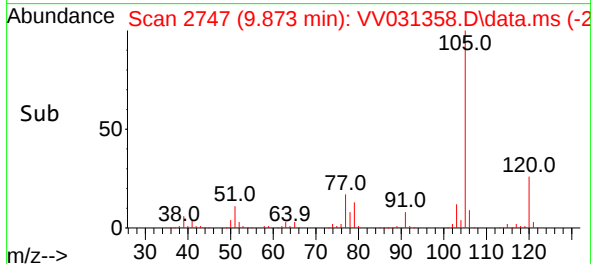
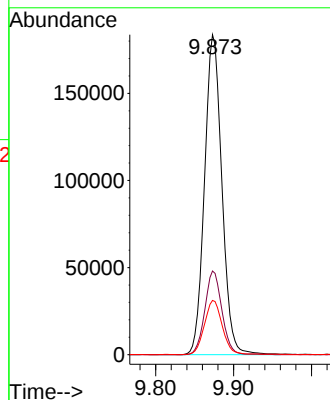
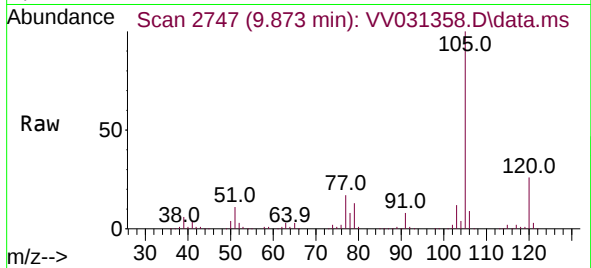




#60
Isopropylbenzene
Concen: 5.235 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

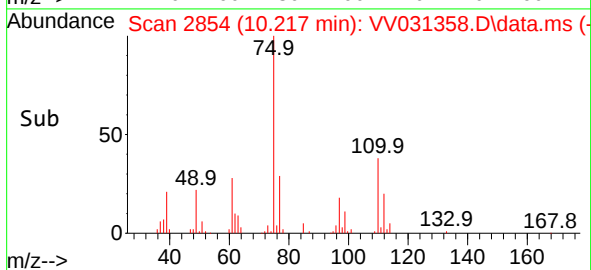
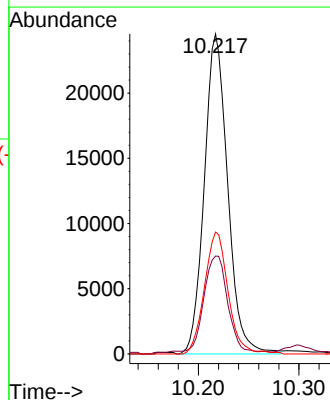
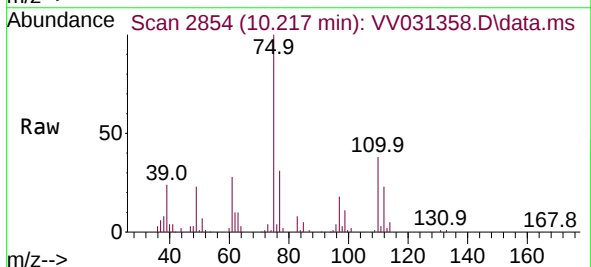
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

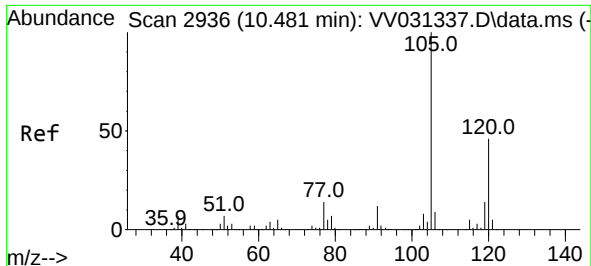
Tgt Ion:105 Resp: 284614
Ion Ratio Lower Upper
105 100
120 25.6 19.9 29.9
77 17.8 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.293 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 75 Resp: 39693
Ion Ratio Lower Upper
75 100
77 32.5 27.3 40.9
110 38.6 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 6.123 ug/L

RT: 10.484 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

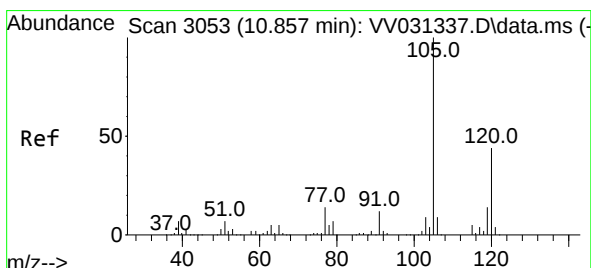
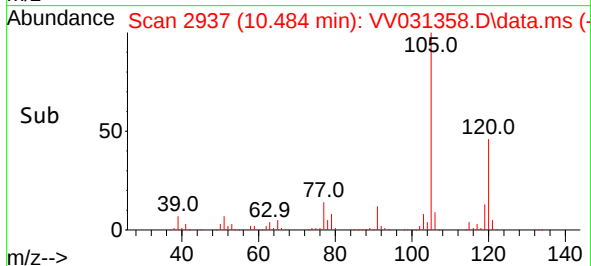
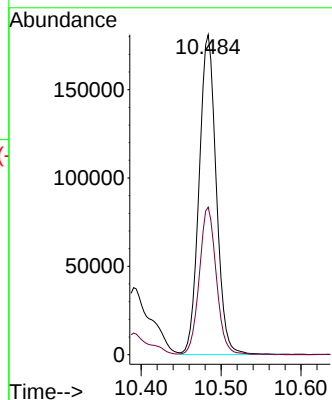
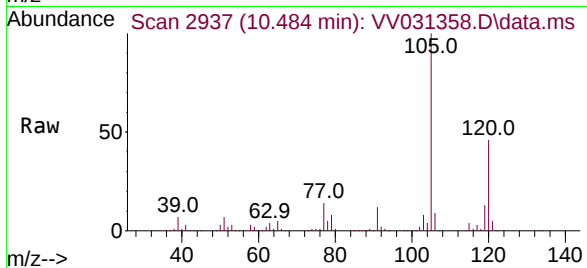
F6C29MS

Tgt Ion:105 Resp: 269746

Ion Ratio Lower Upper

105 100

120 46.1 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 7.438 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031358.D

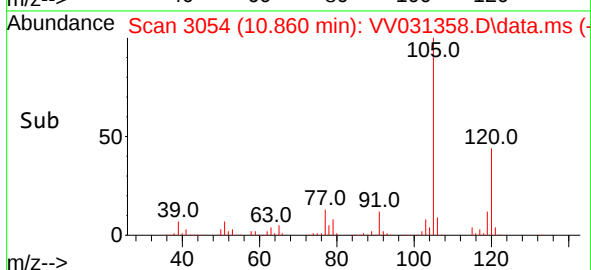
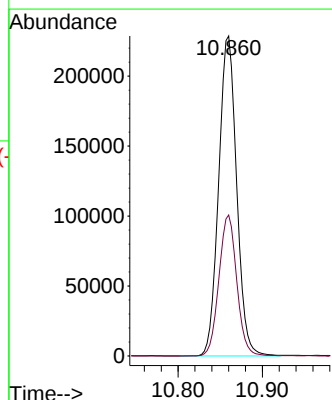
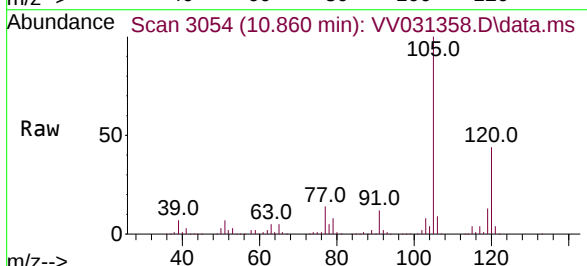
Acq: 05 Jun 2023 19:41

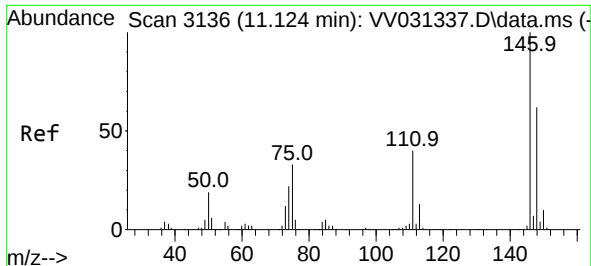
Tgt Ion:105 Resp: 338226

Ion Ratio Lower Upper

105 100

120 43.7 33.2 49.8





#64

1,3-Dichlorobenzene

Concen: 4.897 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. -0.000 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

F6C29MS

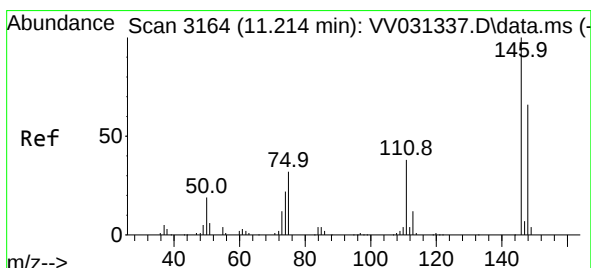
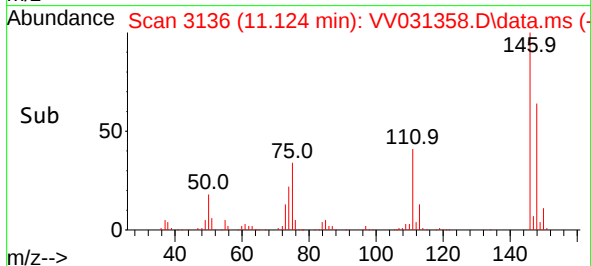
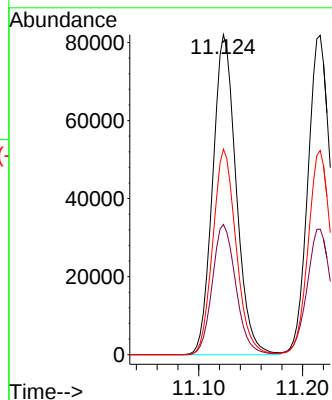
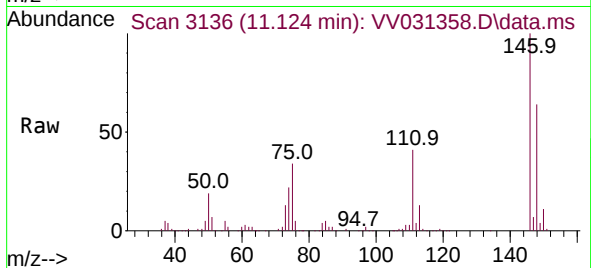
Tgt Ion:146 Resp: 128923

Ion Ratio Lower Upper

146 100

111 40.7 31.1 57.9

148 64.3 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 4.689 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

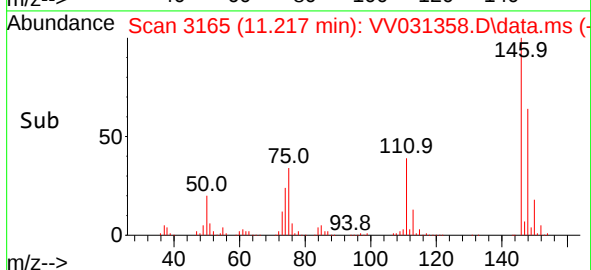
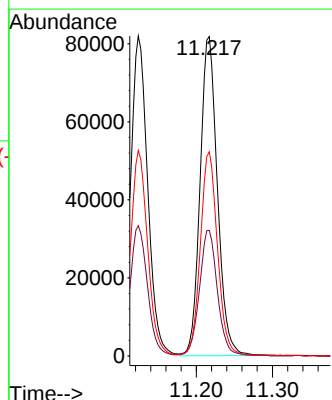
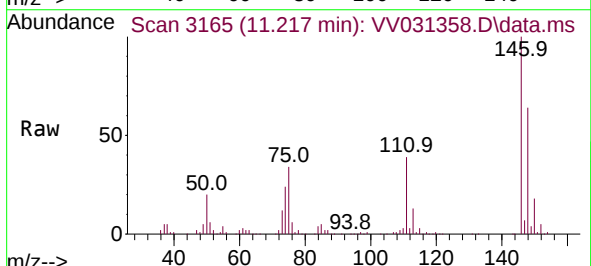
Tgt Ion:146 Resp: 129308

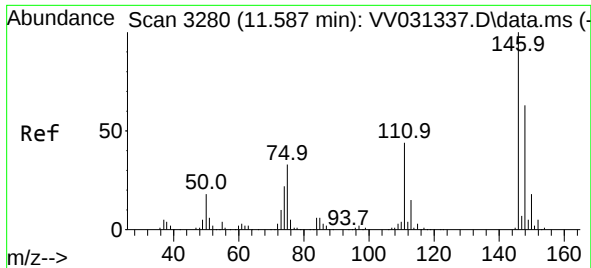
Ion Ratio Lower Upper

146 100

111 39.3 28.4 52.8

148 63.9 44.2 82.0

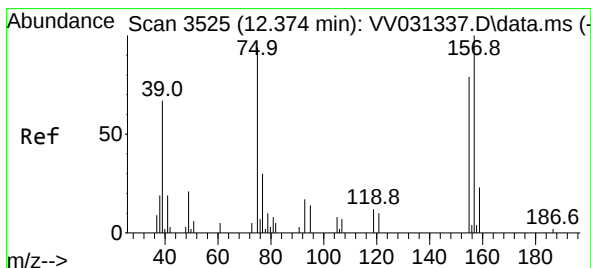
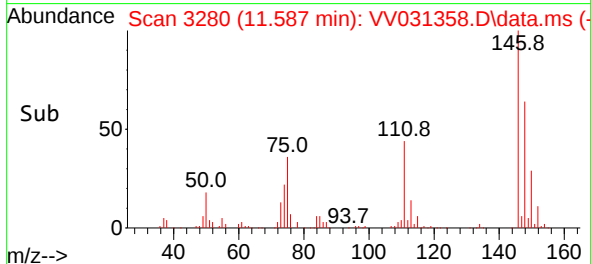
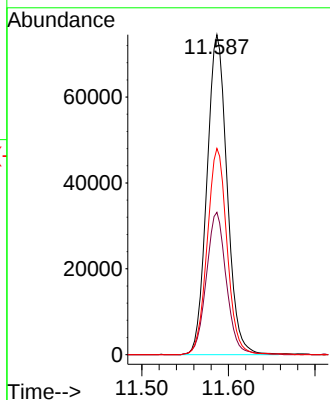
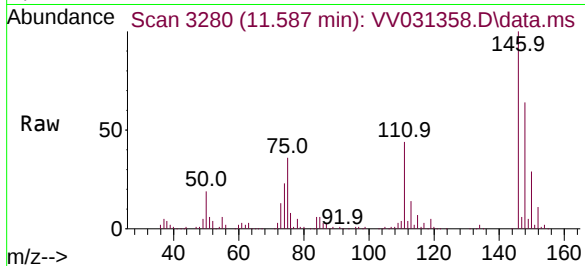




#67
1,2-Dichlorobenzene
Concen: 4.772 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

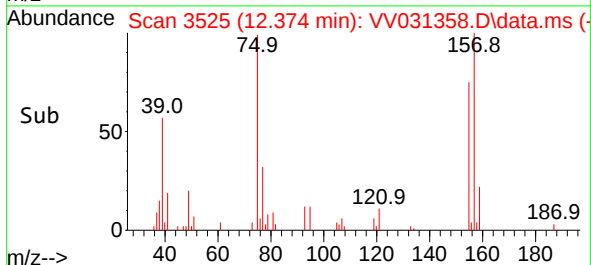
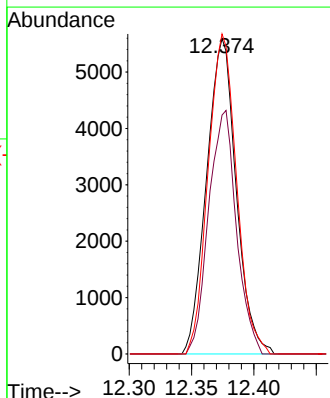
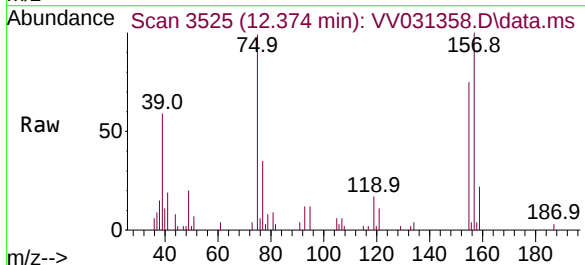
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

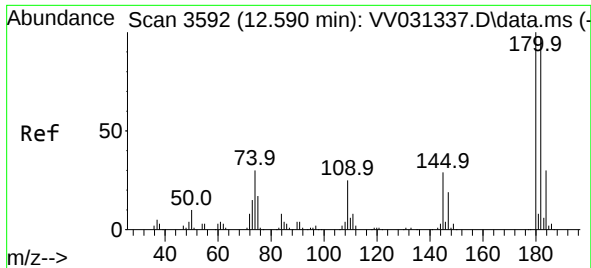
Tgt Ion:146 Resp: 120524
Ion Ratio Lower Upper
146 100
111 44.5 36.6 54.8
148 64.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.357 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion: 75 Resp: 9241
Ion Ratio Lower Upper
75 100
155 75.7 54.6 82.0
157 101.4 72.7 109.1

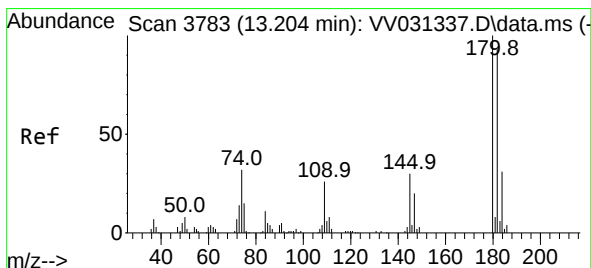
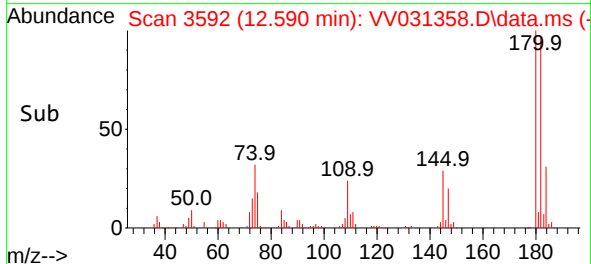
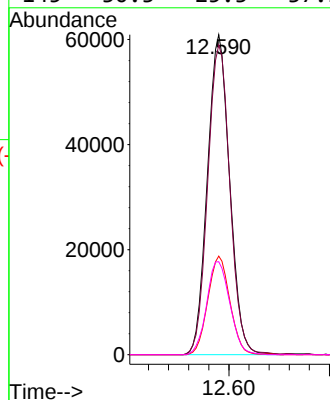
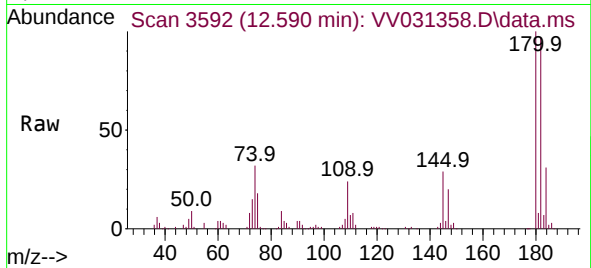




#69
1,3,5-Trichlorobenzene
Concen: 4.779 ug/L
RT: 12.590 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

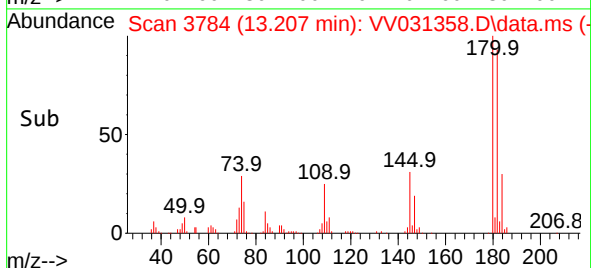
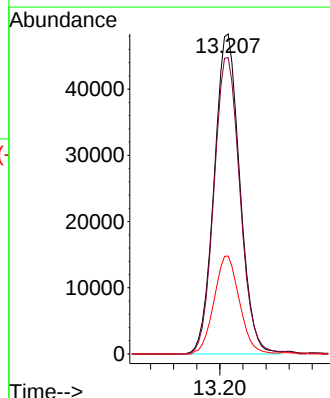
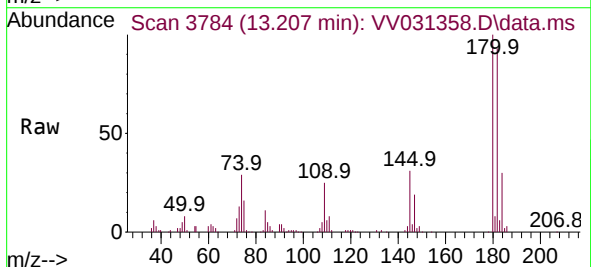
Instrument :
MSVOA_V
ClientSampleId :
F6C29MS

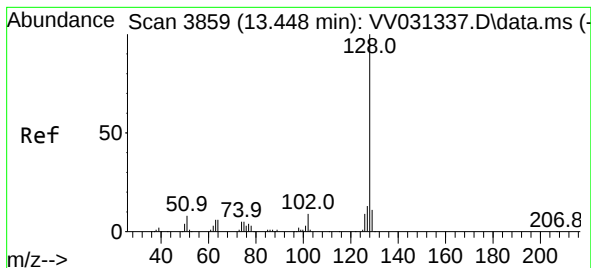
Tgt Ion:	180	Resp:	93492
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.1	114.1
184	30.5	23.8	35.6
145	30.3	25.3	37.9



#70
1,2,4-trichlorobenzene
Concen: 4.743 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.003 min
Lab File: VV031358.D
Acq: 05 Jun 2023 19:41

Tgt Ion:	180	Resp:	74416
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.7	115.1
145	30.3	26.3	39.5





#71

Naphthalene

Concen: 5.127 ug/L

RT: 13.445 min Scan# 3859

Delta R.T. -0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

F6C29MS

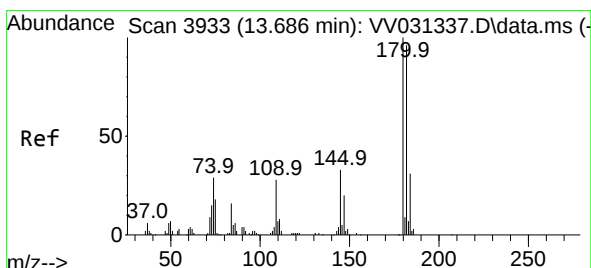
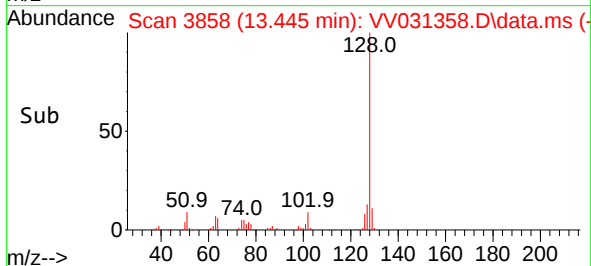
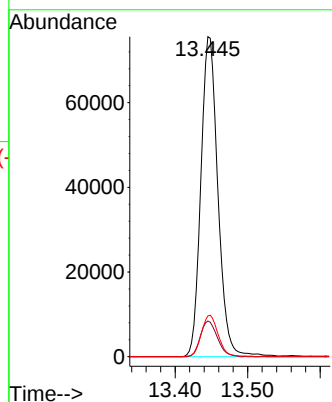
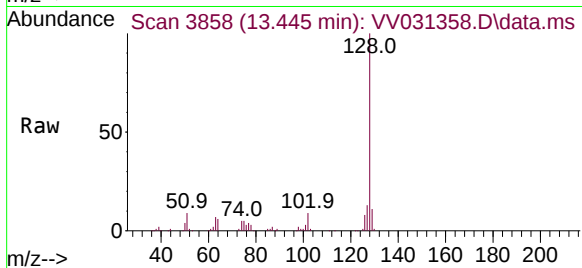
Tgt Ion:128 Resp: 123412

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 12.8 11.4 17.2



#72

1,2,3-Trichlorobenzene

Concen: 4.833 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031358.D

Acq: 05 Jun 2023 19:41

Tgt Ion:180 Resp: 68024

Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

145 33.1 27.8 41.6

