

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031357.D
 Acq On : 05 Jun 2023 19:17
 Operator : SY/MD
 Sample : 02990-04MSD 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MSD

Quant Time: Jun 06 02:11:20 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	5.542	114	139339	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	139962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	77650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49833	3.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.532	69	44054	3.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.056	65	26638	3.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.831	46	116005	35.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.720%
24) Chloroform-d	4.256	84	109410	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.950	65	56692	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.966	84	189744	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.995	67	63293	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.249	98	182137	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	23507	4.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.034	63	107161	50.983	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	49513	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	63711	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78062	4.151	ug/L	98
3) Chloromethane	1.214	50	72220	3.887	ug/L	98
5) Vinyl chloride	1.282	62	74262	3.999	ug/L	98
6) Bromomethane	1.487	94	39095	3.672	ug/L	93
8) Chloroethane	1.548	64	43933	3.794	ug/L	99
9) Trichlorofluoromethane	1.712	101	115832	4.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	61282	4.053	ug/L	96
12) 1,1-Dichloroethene	2.069	96	54541	4.190	ug/L	95
13) Acetone	2.159	43	75511	19.917	ug/L	89
14) Carbon disulfide	2.240	76	156649	4.059	ug/L	98
15) Methyl Acetate	2.394	43	30436	4.133	ug/L	93
16) Methylene chloride	2.449	84	61115	3.862	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	138825	4.680	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	51761	4.193	ug/L	93
19) 1,1-Dichloroethane	3.114	63	116701	4.256	ug/L	99
21) 2-Butanone	3.912	43	127905	25.941	ug/L	91
22) cis-1,2-Dichloroethene	3.822	96	65341	5.223	ug/L	97
23) Bromochloromethane	4.156	128	25409	4.296	ug/L	95
25) Chloroform	4.281	83	117691	4.105	ug/L	100

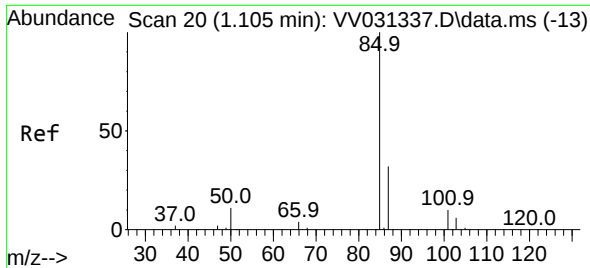
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	73740	4.425	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	104768	4.502	ug/L	99
30) Cyclohexane	4.587	56	87634	4.148	ug/L	96
31) Carbon tetrachloride	4.741	117	92181	4.442	ug/L	97
33) Benzene	5.015	78	224360	4.504	ug/L	100
34) Trichloroethene	5.838	95	64530	4.797	ug/L	96
35) Methylcyclohexane	6.056	83	82241	4.107	ug/L	99
37) 1,2-Dichloropropane	6.101	63	59618	4.067	ug/L	99
38) Bromodichloromethane	6.439	83	81608	4.354	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	78819	4.096	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	411102	47.795	ug/L	100
42) Toluene	7.320	91	243594	4.609	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	72135	4.358	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	43865	4.408	ug/L	96
47) Tetrachloroethene	7.912	164	103712	9.893	ug/L	98
48) 2-Hexanone	8.085	43	311887	45.658	ug/L	99
49) Dibromochloromethane	8.182	129	51689	4.652	ug/L	94
50) 1,2-Dibromoethane	8.288	107	40063	4.353	ug/L	93
51) Chlorobenzene	8.821	112	145764	4.427	ug/L	100
52) Ethylbenzene	8.953	91	246642	4.461	ug/L	98
53) m,p-Xylene	9.079	106	91185	4.584	ug/L	100
54) o-Xylene	9.484	106	87958	4.719	ug/L	99
55) Styrene	9.503	104	161185	4.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	53207	4.486	ug/L	100
59) Bromoform	9.674	173	29548	4.723	ug/L	98
60) Isopropylbenzene	9.873	105	246413	4.418	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	39680	4.183	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	192096	4.250	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	200243	4.292	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	120763	4.470	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	123508	4.366	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	113870	4.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	8507	3.909	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	88357	4.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	70490	4.378	ug/L	98
71) Naphthalene	13.448	128	100211	4.057	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	63744	4.414	ug/L	98

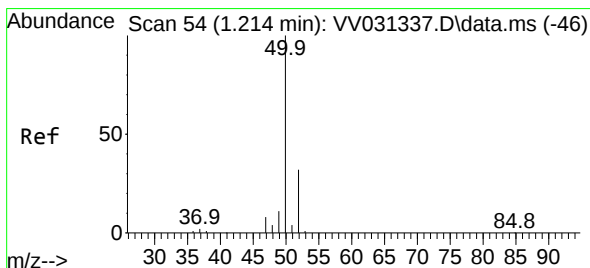
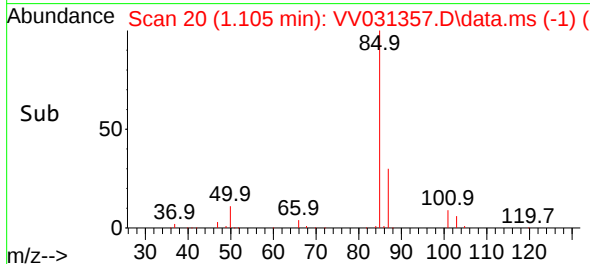
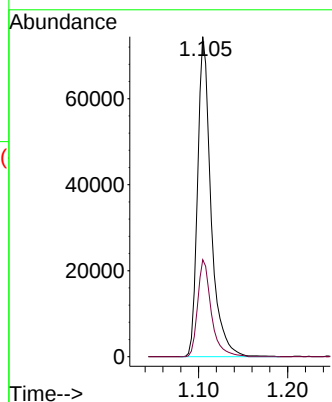
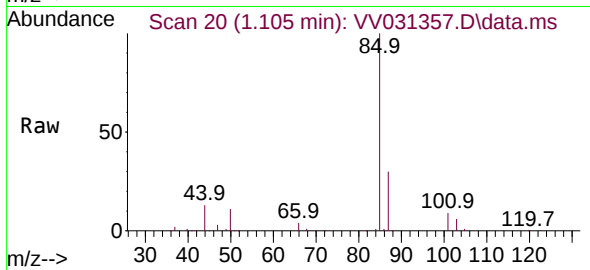
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#2
Dichlorodifluoromethane
Concen: 4.151 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

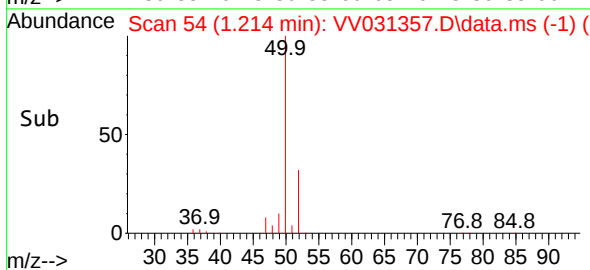
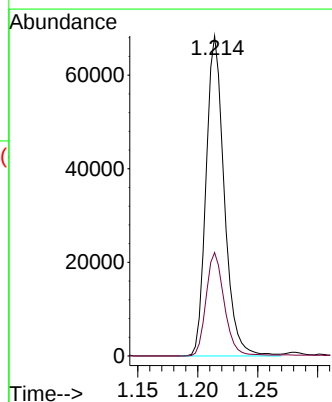
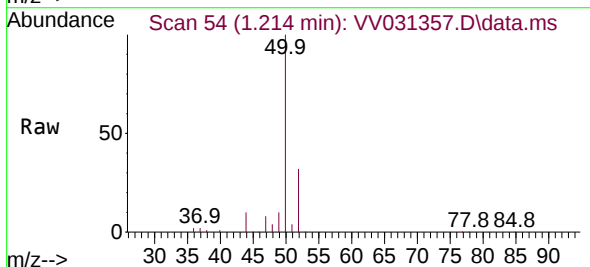
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

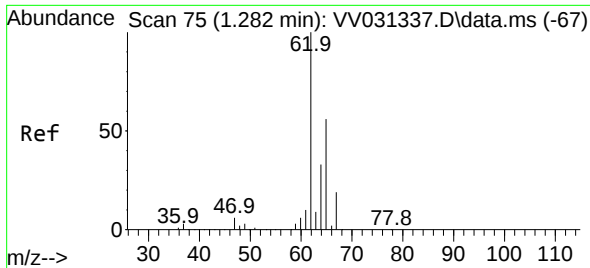
Tgt Ion: 85 Resp: 78062
Ion Ratio Lower Upper
85 100
87 30.7 25.6 38.4



#3
Chloromethane
Concen: 3.887 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 50 Resp: 72220
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2

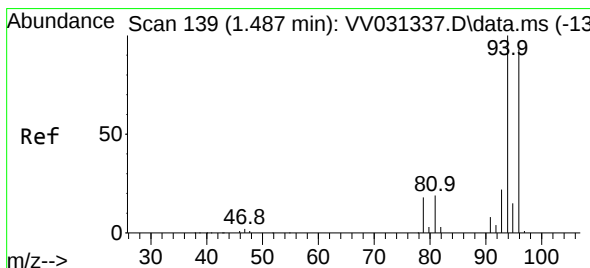
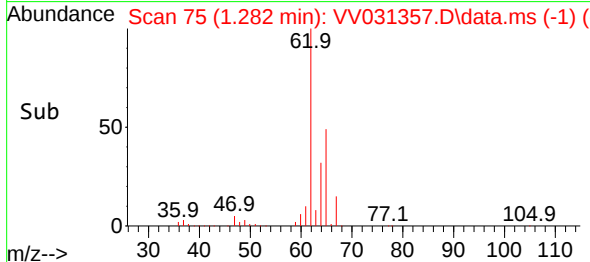
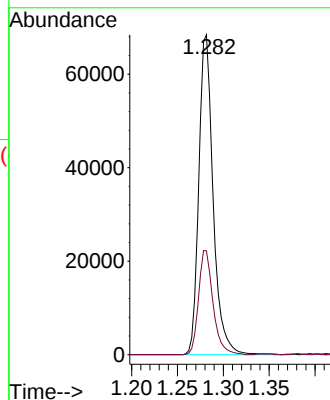
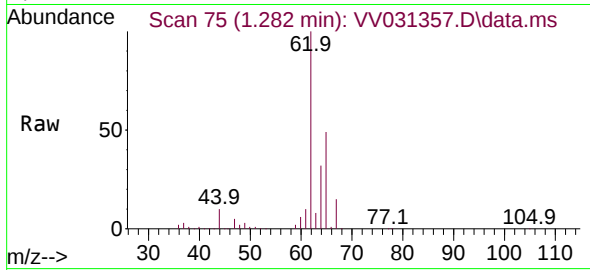




#5
 Vinyl chloride
 Concen: 3.999 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031357.D
 Acq: 05 Jun 2023 19:17

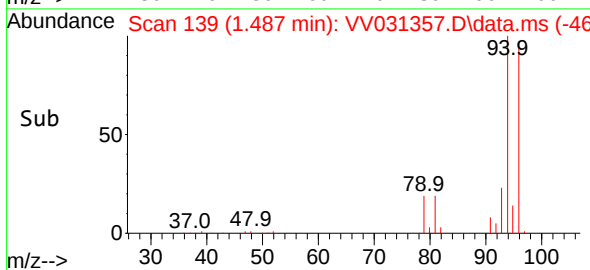
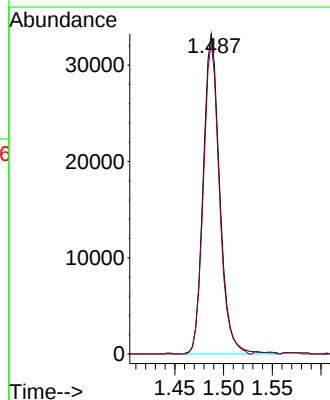
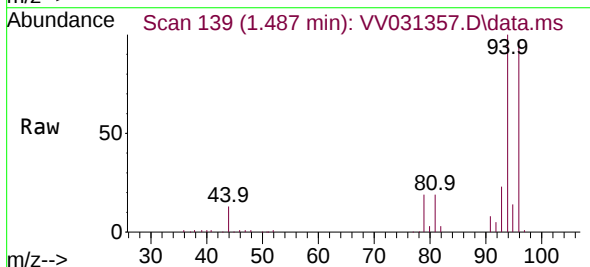
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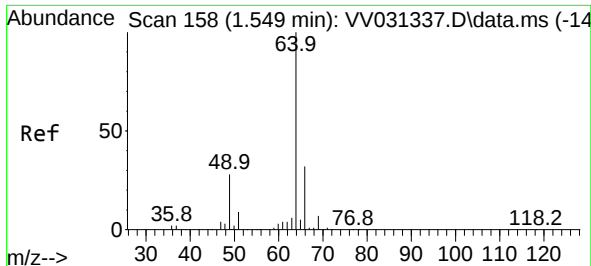
Tgt Ion: 62 Resp: 74262
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.0 40.8



#6
 Bromomethane
 Concen: 3.672 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV031357.D
 Acq: 05 Jun 2023 19:17

Tgt Ion: 94 Resp: 39095
 Ion Ratio Lower Upper
 94 100
 96 97.5 63.7 118.3

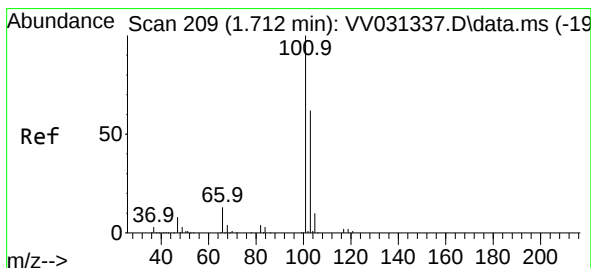
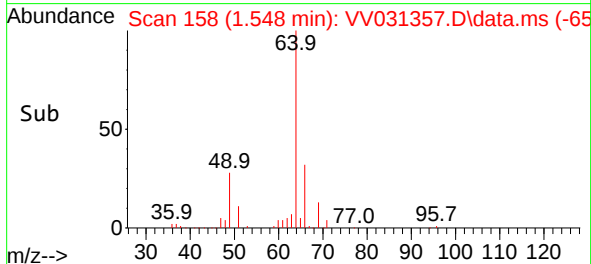
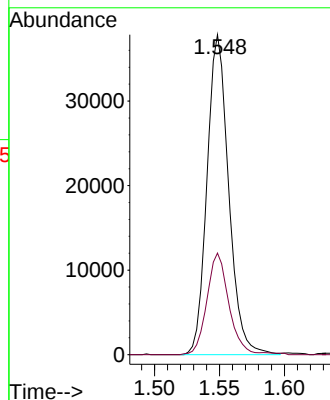
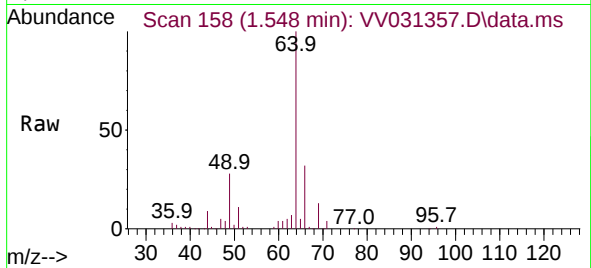




#8
Chloroethane
Concen: 3.794 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

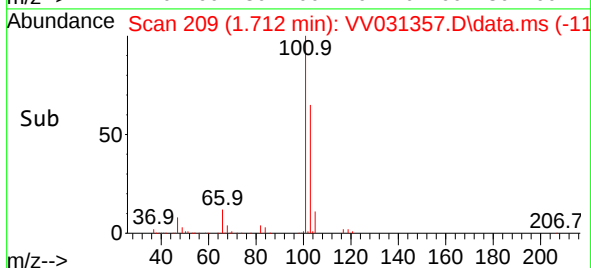
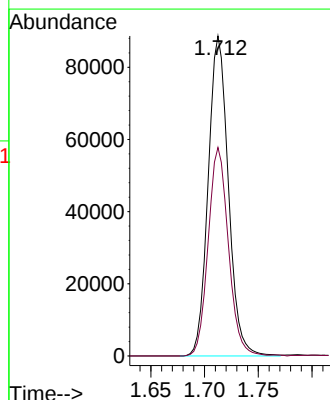
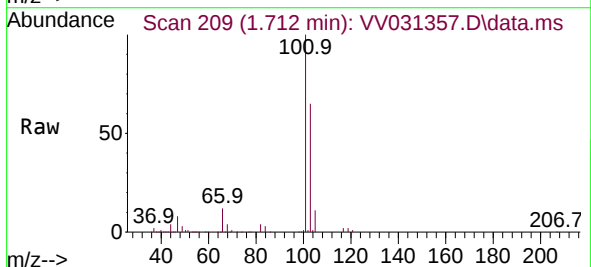
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

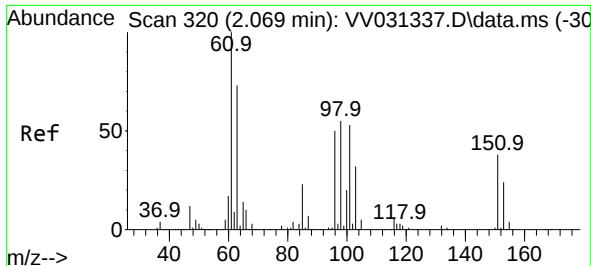
Tgt Ion: 64 Resp: 43933
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.235 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion:101 Resp: 115832
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0





#10

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

Concen: 4.053 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

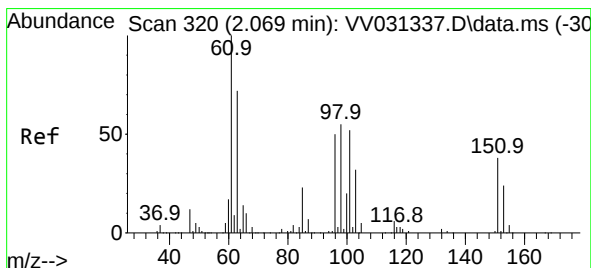
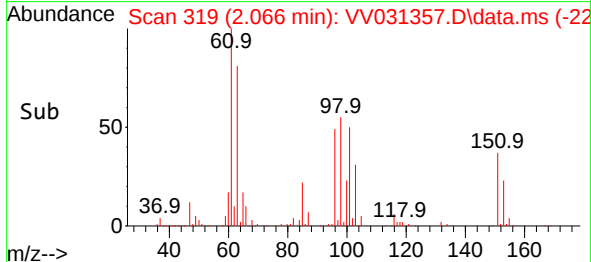
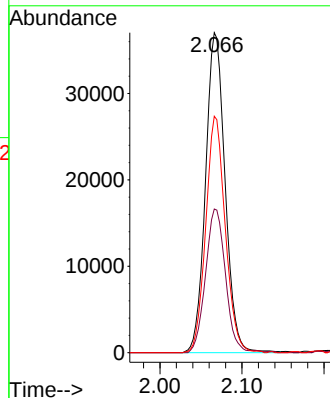
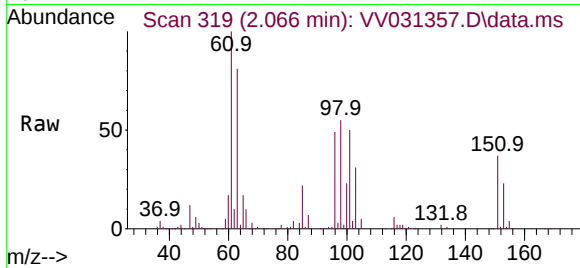
Tgt Ion:101 Resp: 61282

Ion Ratio Lower Upper

101 100

85 45.5 37.2 55.8

151 73.7 55.5 83.3



#12

1,1-Dichloroethene

Concen: 4.190 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

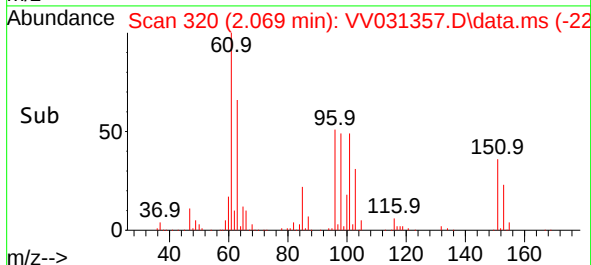
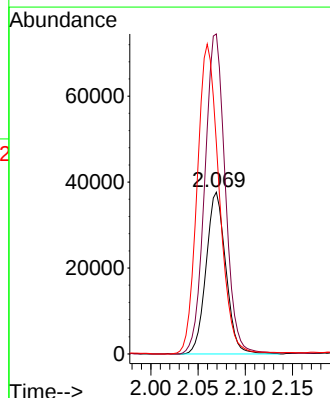
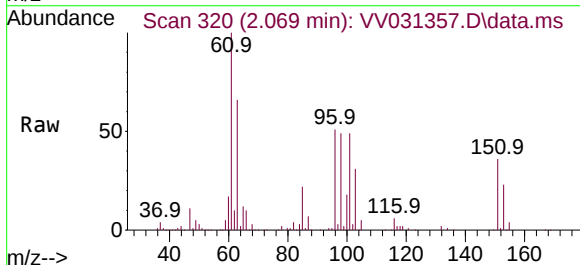
Tgt Ion: 96 Resp: 54541

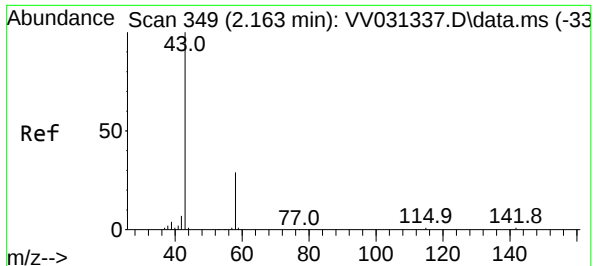
Ion Ratio Lower Upper

96 100

61 197.8 138.3 256.8

63 130.4 101.9 189.3





#13

Acetone

Concen: 19.917 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

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MSVOA_V

ClientSampleId :

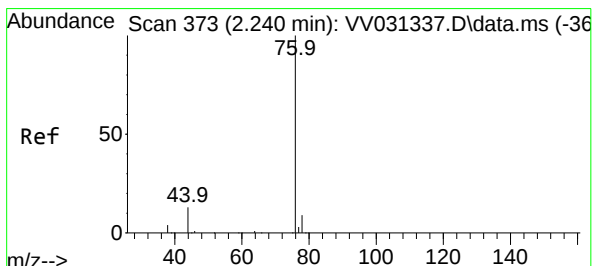
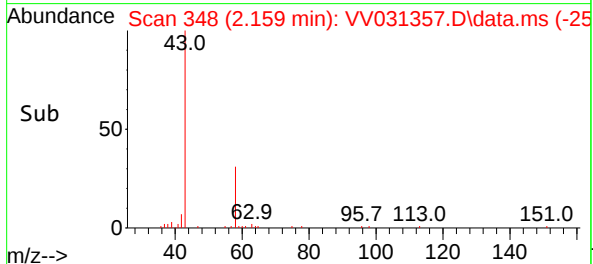
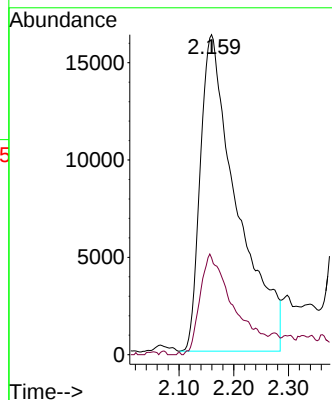
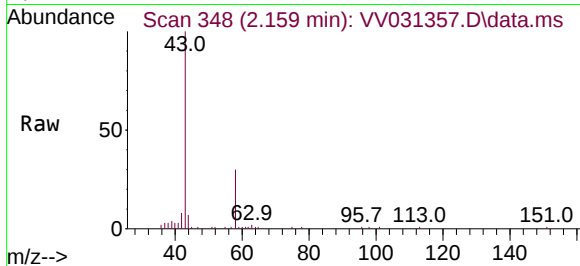
F6C27MSD

Tgt Ion: 43 Resp: 75511

Ion Ratio Lower Upper

43 100

58 29.6 0.0 48.4



#14

Carbon disulfide

Concen: 4.059 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV031357.D

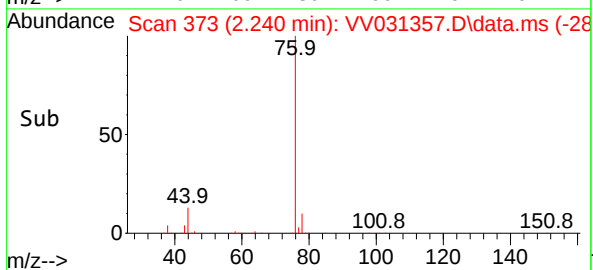
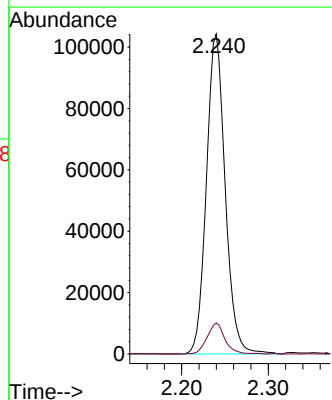
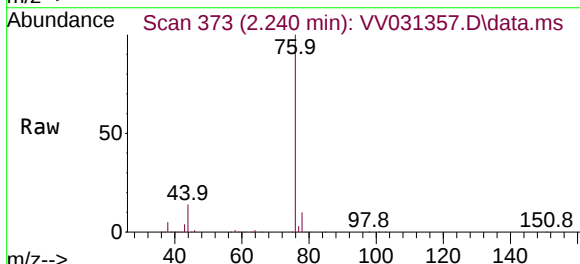
Acq: 05 Jun 2023 19:17

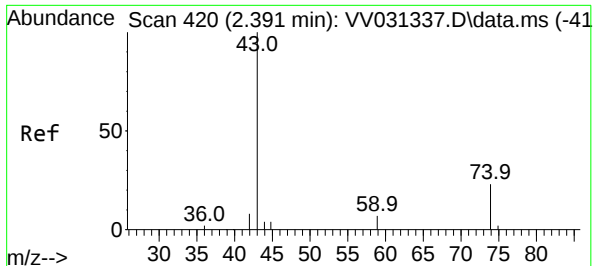
Tgt Ion: 76 Resp: 156649

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

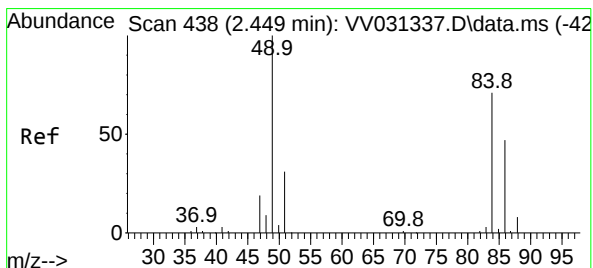
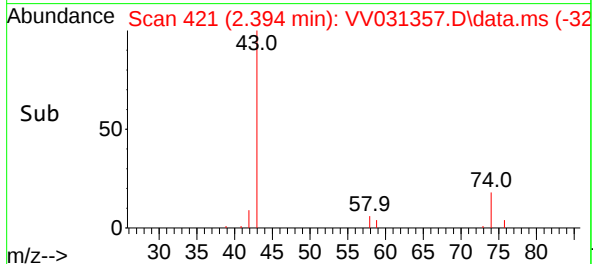
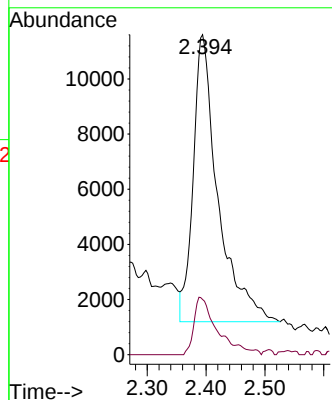
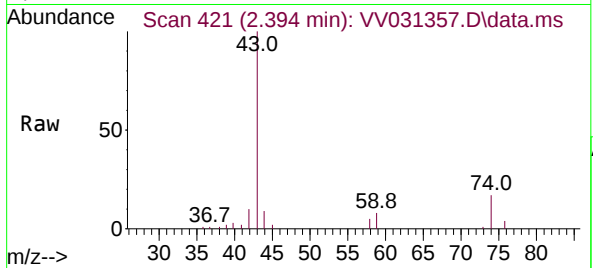




#15
Methyl Acetate
Concen: 4.133 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

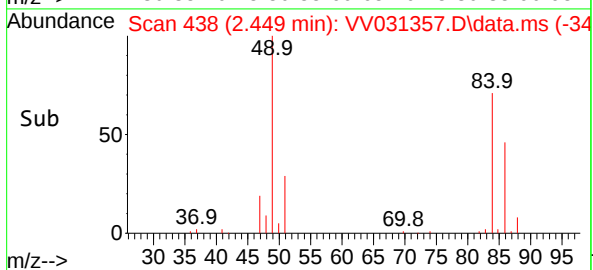
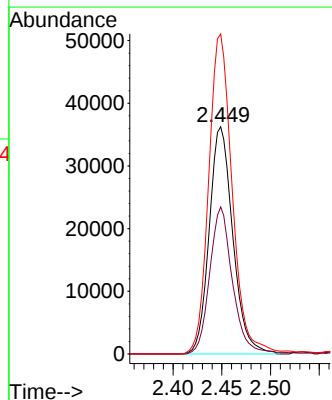
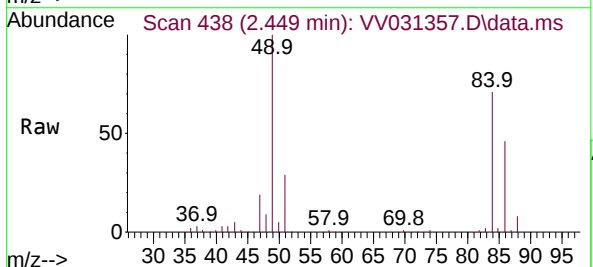
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

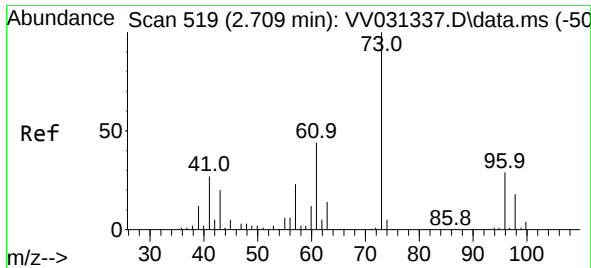
Tgt Ion: 43 Resp: 30436
Ion Ratio Lower Upper
43 100
74 17.1 16.2 24.2



#16
Methylene chloride
Concen: 3.862 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 84 Resp: 61115
Ion Ratio Lower Upper
84 100
86 64.8 46.7 86.7
49 140.9 101.6 188.8





#17

Methyl tert-butyl Ether

Concen: 4.680 ug/L

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

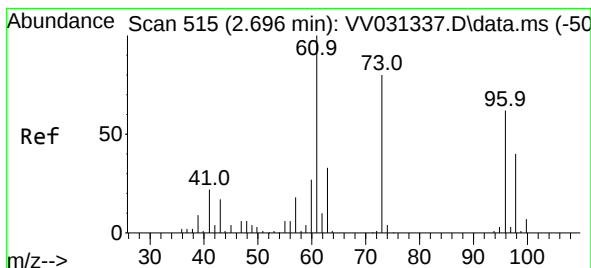
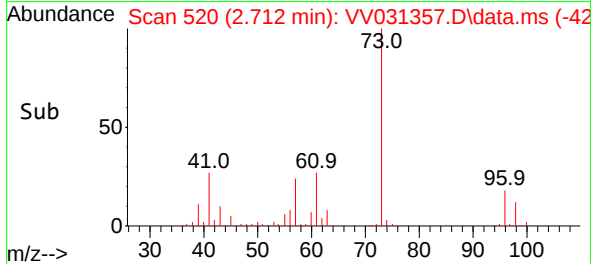
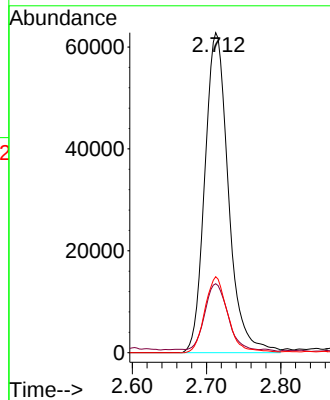
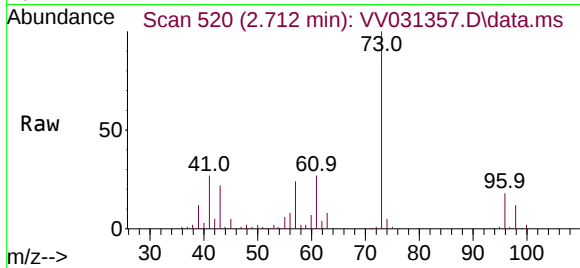
Tgt Ion: 73 Resp: 138825

Ion Ratio Lower Upper

73 100

43 19.7 17.8 26.8

57 23.0 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 4.193 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

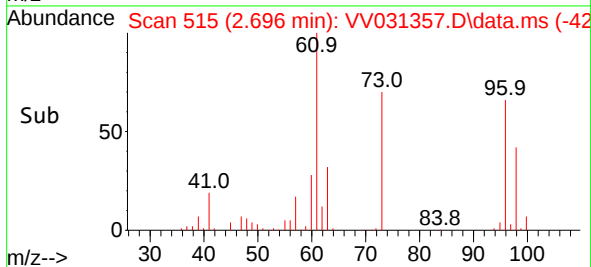
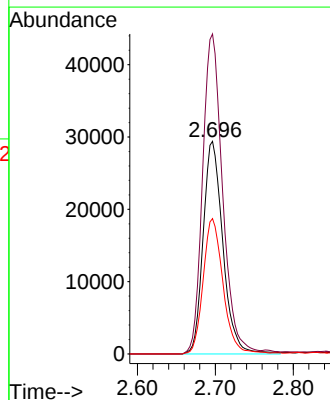
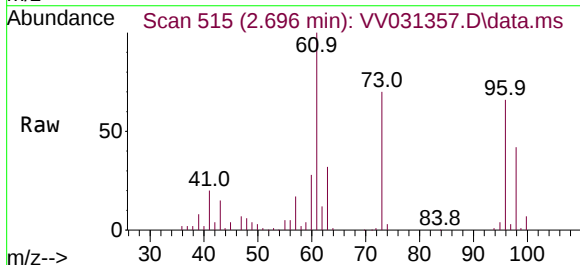
Tgt Ion: 96 Resp: 51761

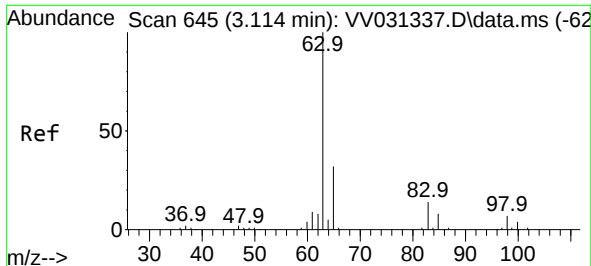
Ion Ratio Lower Upper

96 100

61 150.5 114.2 212.0

98 63.6 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.256 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

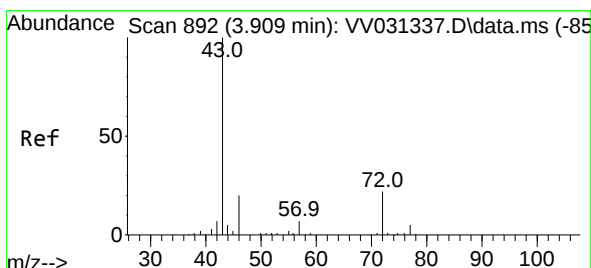
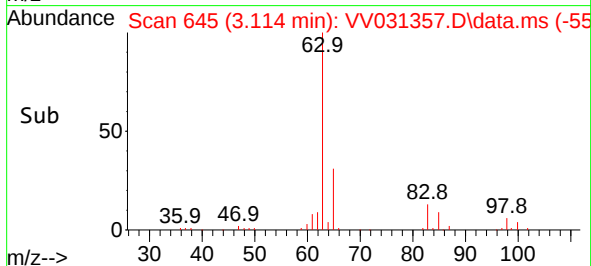
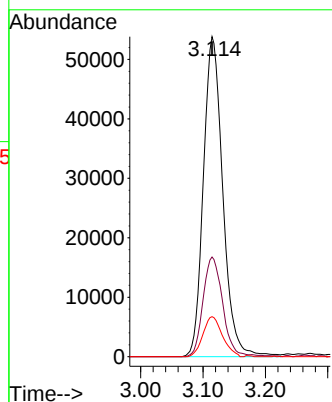
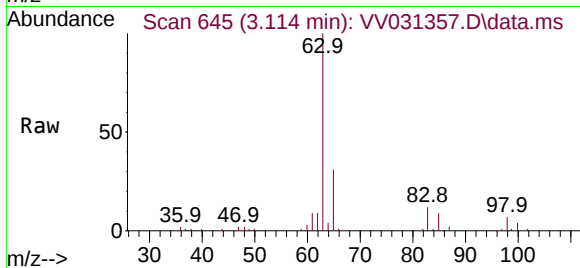
Tgt Ion: 63 Resp: 116701

Ion Ratio Lower Upper

63 100

65 31.2 22.0 40.8

83 12.5 9.0 16.6



#21

2-Butanone

Concen: 25.941 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV031357.D

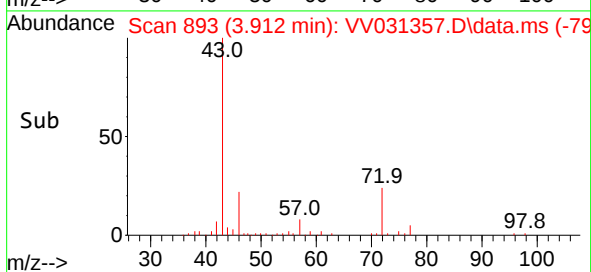
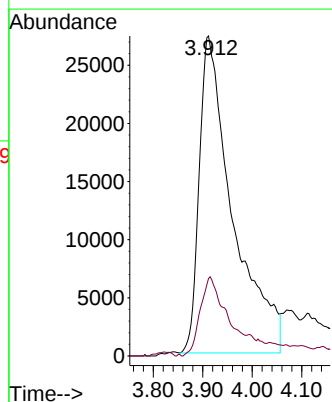
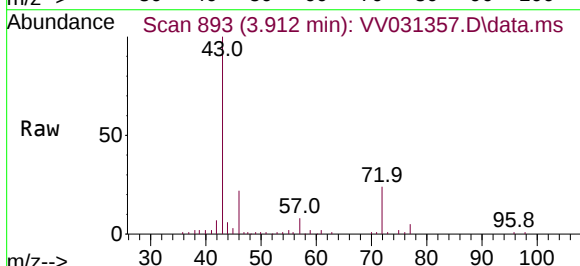
Acq: 05 Jun 2023 19:17

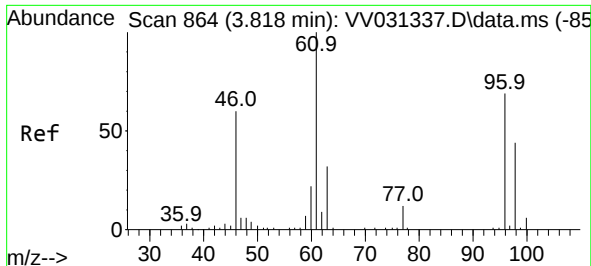
Tgt Ion: 43 Resp: 127905

Ion Ratio Lower Upper

43 100

72 19.6 7.8 23.5





#22

cis-1,2-Dichloroethene

Concen: 5.223 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

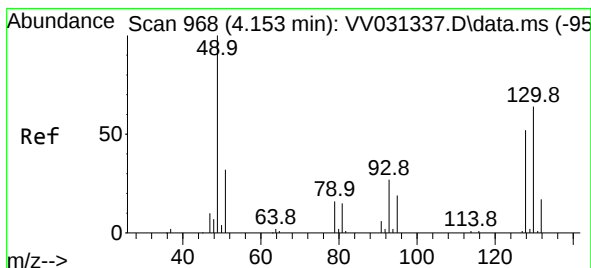
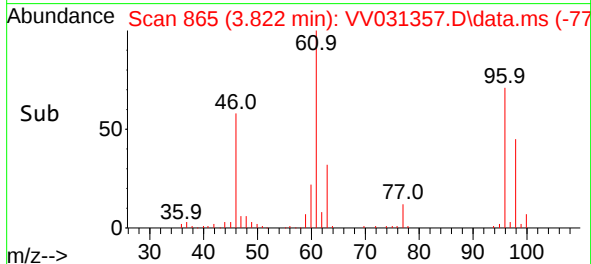
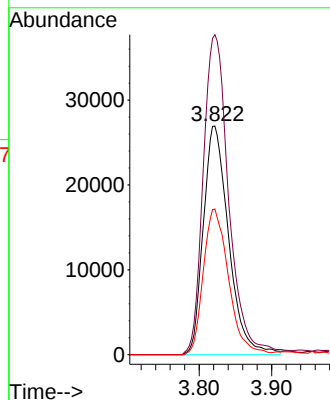
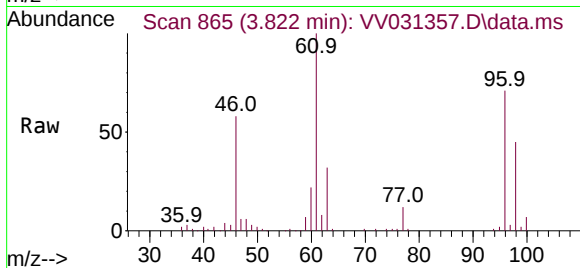
Tgt Ion: 96 Resp: 65341

Ion Ratio Lower Upper

96 100

61 140.0 100.8 187.2

98 63.7 45.1 83.9



#23

Bromochloromethane

Concen: 4.296 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Tgt Ion: 128 Resp: 25409

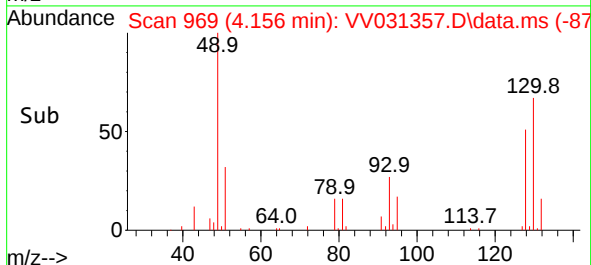
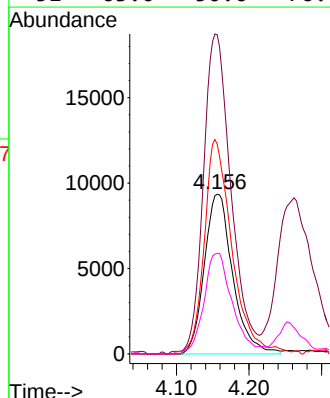
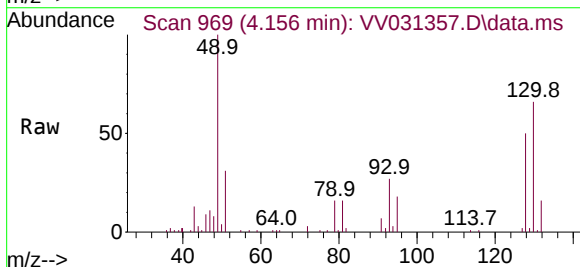
Ion Ratio Lower Upper

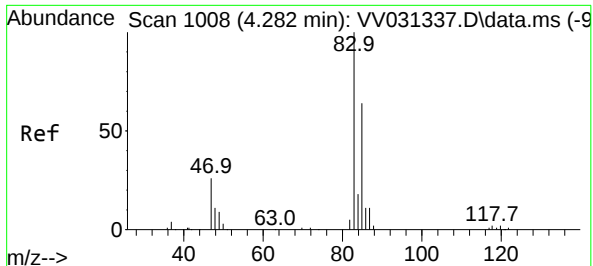
128 100

49 200.0 148.1 275.0

130 131.5 89.9 166.9

51 63.0 50.6 76.0





#25

Chloroform

Concen: 4.105 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

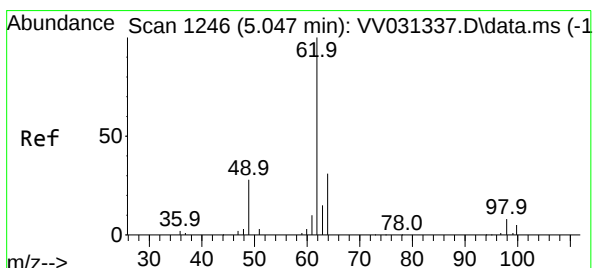
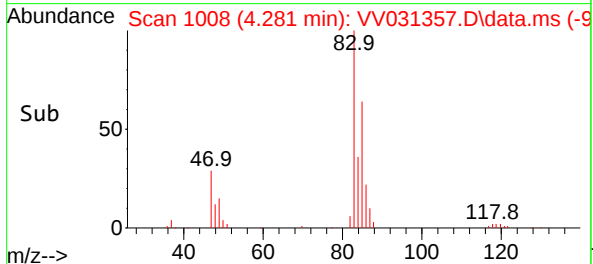
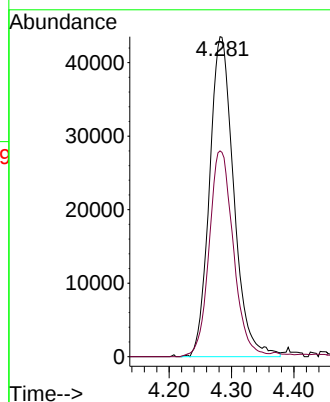
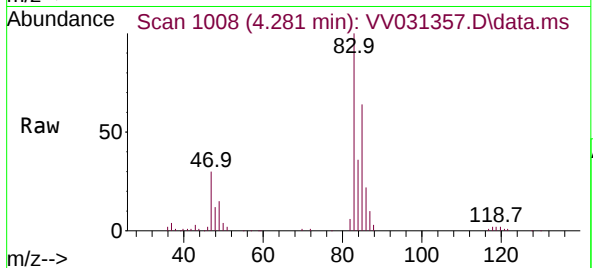
F6C27MSD

Tgt Ion: 83 Resp: 117691

Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 4.425 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031357.D

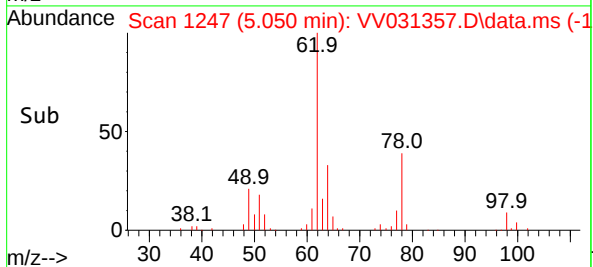
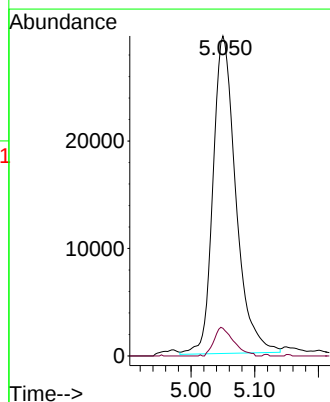
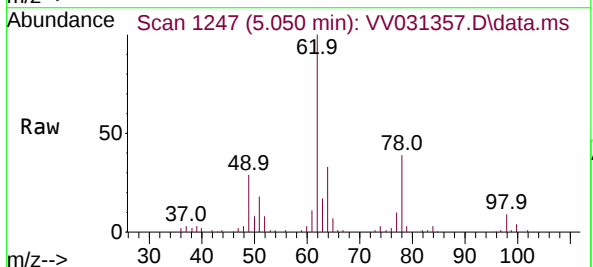
Acq: 05 Jun 2023 19:17

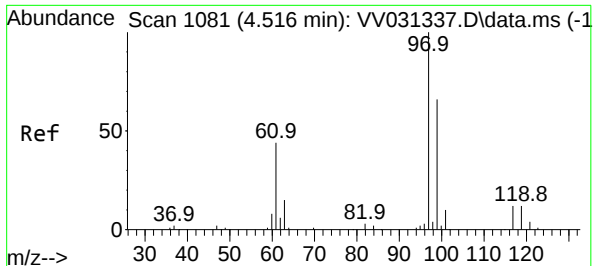
Tgt Ion: 62 Resp: 73740

Ion Ratio Lower Upper

62 100

98 8.6 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.502 ug/L

RT: 4.516 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

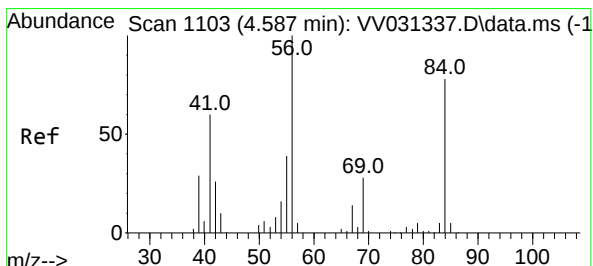
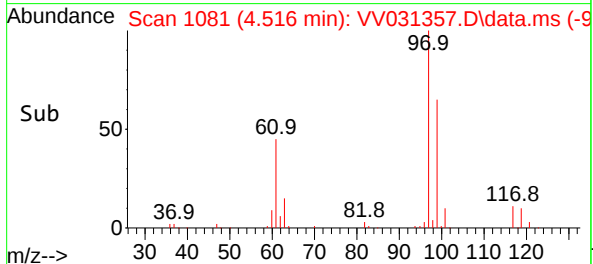
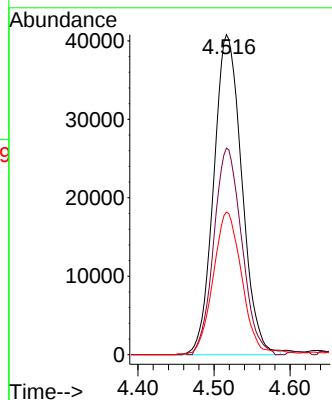
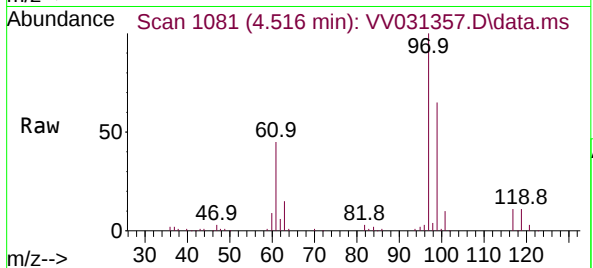
Tgt Ion: 97 Resp: 104768

Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.4

61 45.1 36.4 54.6



#30

Cyclohexane

Concen: 4.148 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

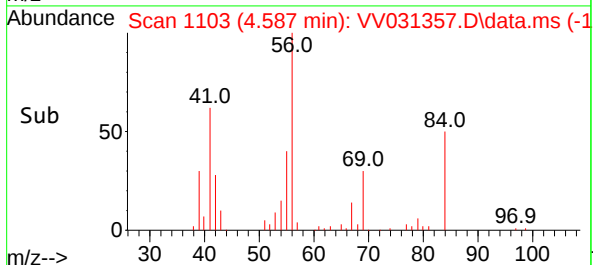
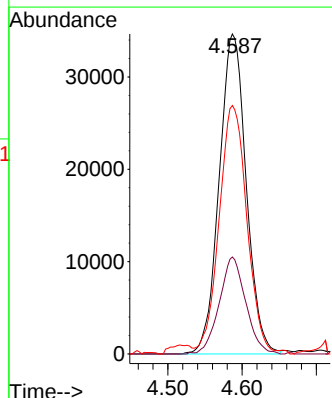
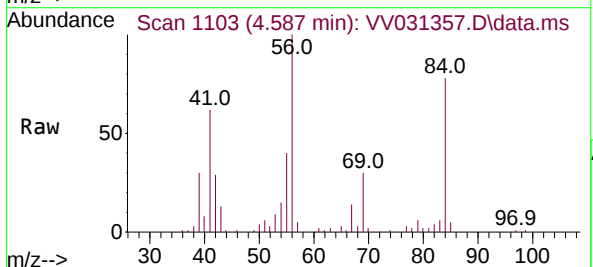
Tgt Ion: 56 Resp: 87634

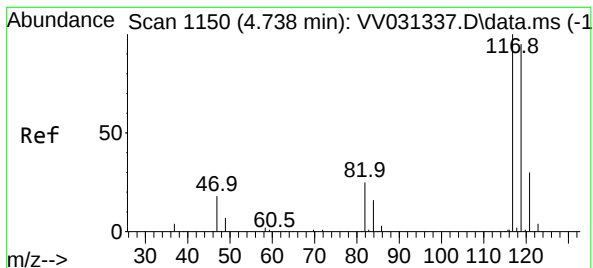
Ion Ratio Lower Upper

56 100

69 29.7 23.2 34.8

84 77.9 58.5 87.7





#31

Carbon tetrachloride

Concen: 4.442 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

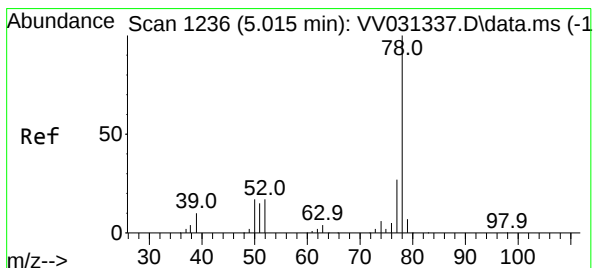
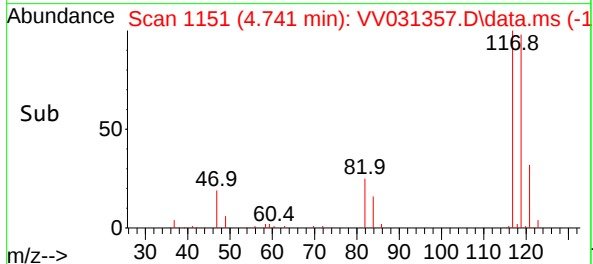
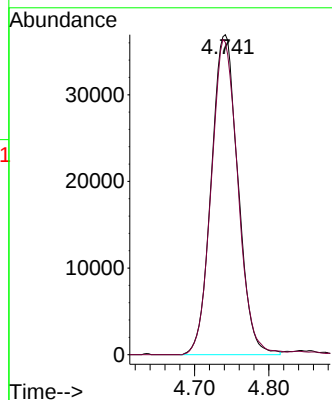
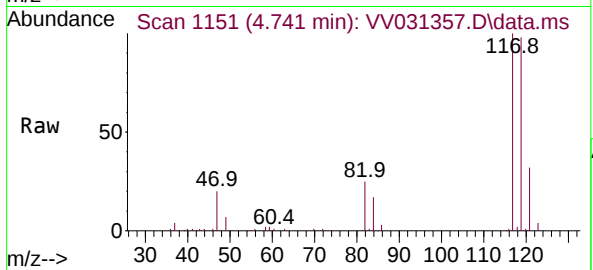
F6C27MSD

Tgt Ion:117 Resp: 92181

Ion Ratio Lower Upper

117 100

119 98.2 76.3 114.5



#33

Benzene

Concen: 4.504 ug/L

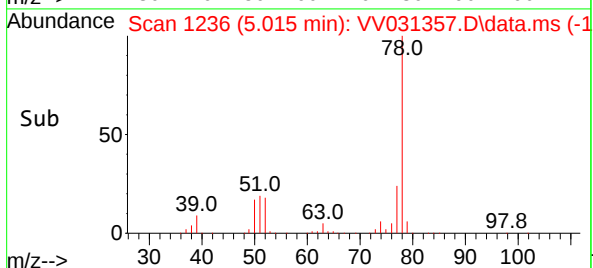
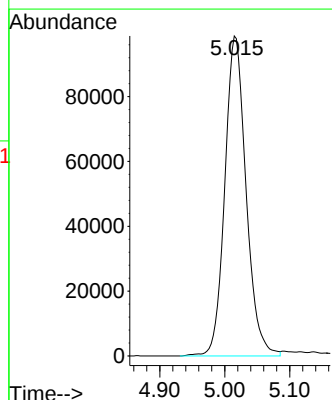
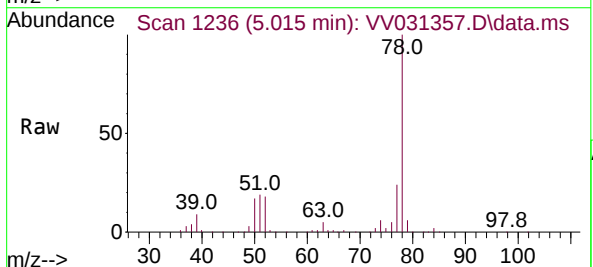
RT: 5.015 min Scan# 1236

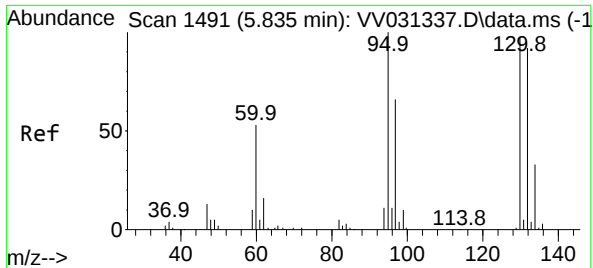
Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Tgt Ion: 78 Resp: 224360

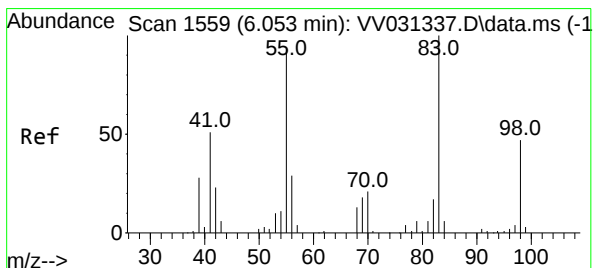
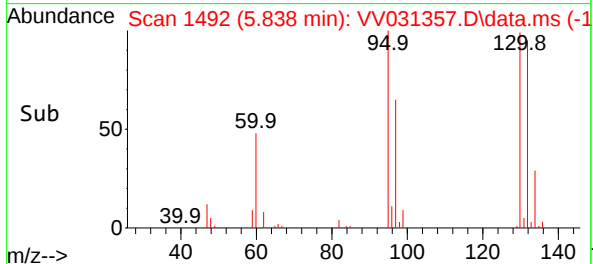
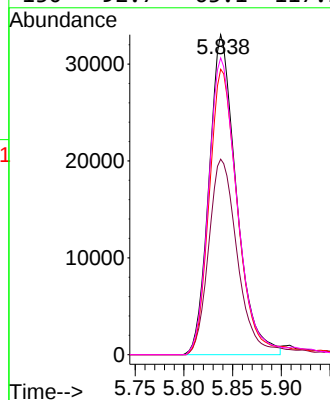
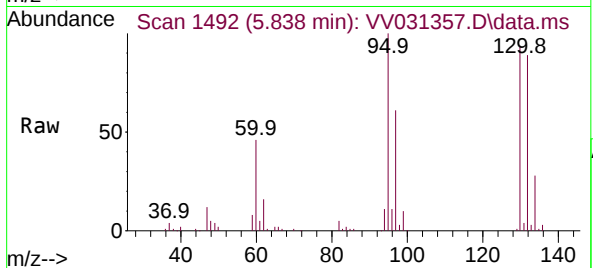




#34
Trichloroethene
Concen: 4.797 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

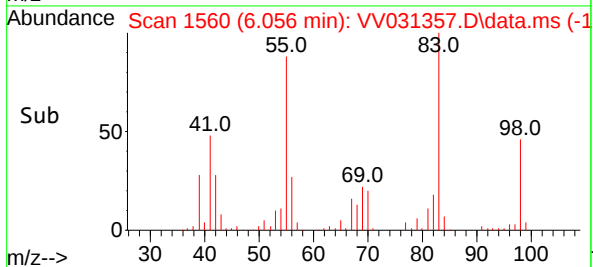
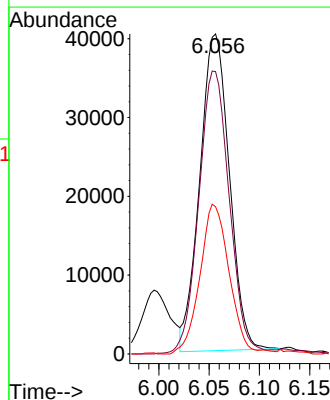
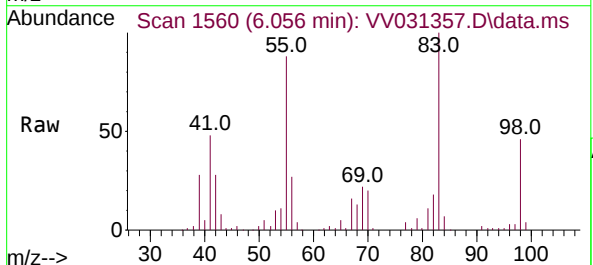
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

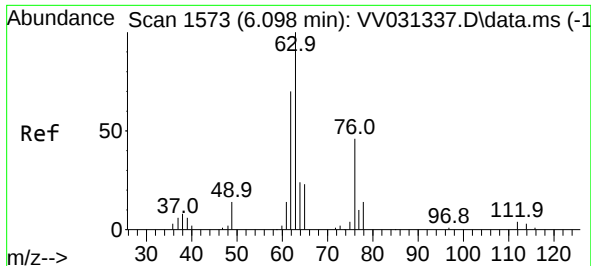
Tgt Ion: 95 Resp: 64530
Ion Ratio Lower Upper
95 100
97 61.1 46.1 85.5
132 89.2 64.5 119.9
130 92.7 63.1 117.1



#35
Methylcyclohexane
Concen: 4.107 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 83 Resp: 82241
Ion Ratio Lower Upper
83 100
55 92.2 74.6 112.0
98 46.4 36.5 54.7





#37

1,2-Dichloropropane

Concen: 4.067 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

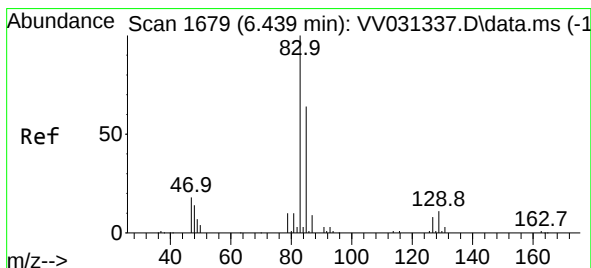
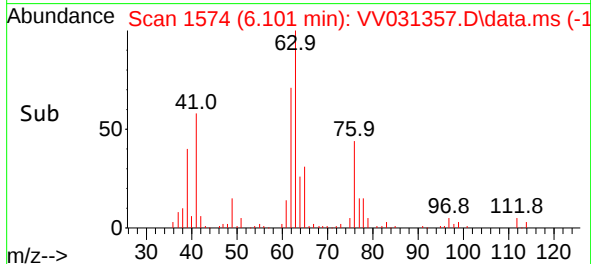
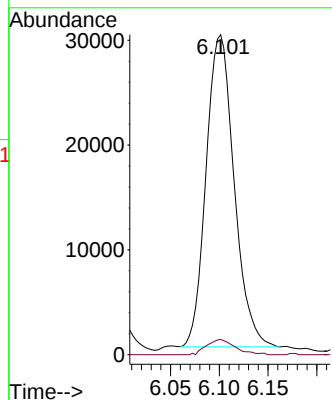
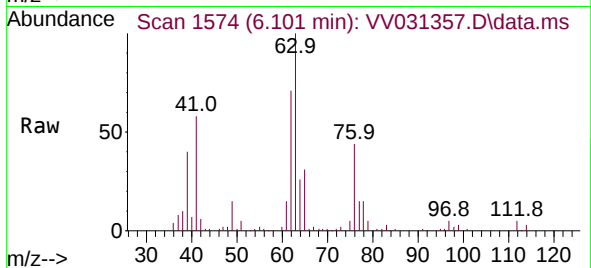
F6C27MSD

Tgt Ion: 63 Resp: 59618

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 4.354 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

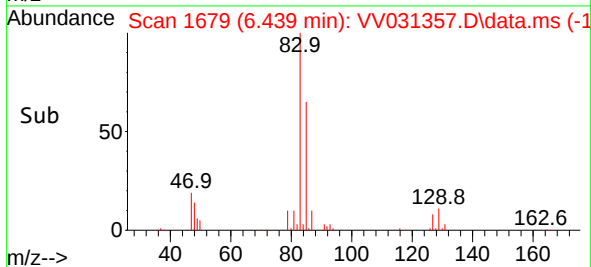
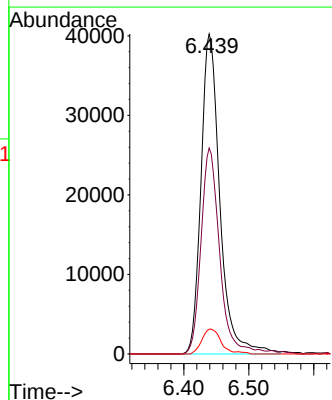
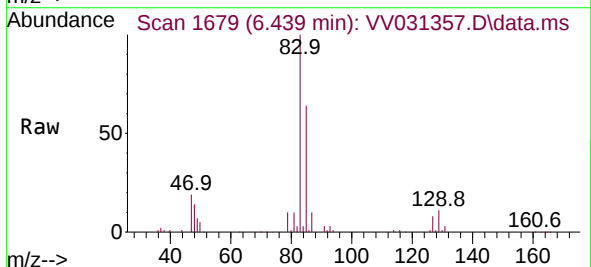
Tgt Ion: 83 Resp: 81608

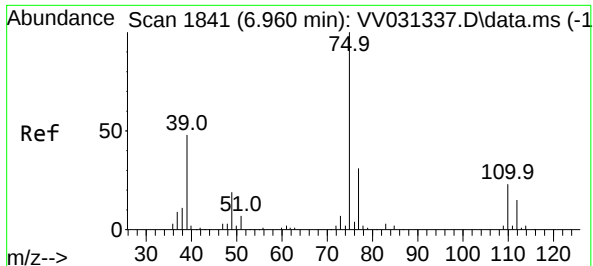
Ion Ratio Lower Upper

83 100

85 64.4 44.3 82.3

127 7.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.096 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

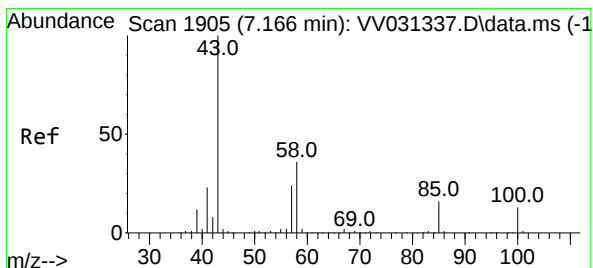
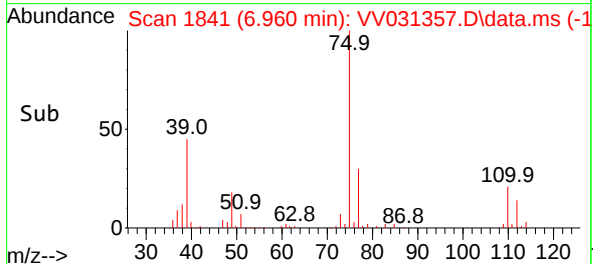
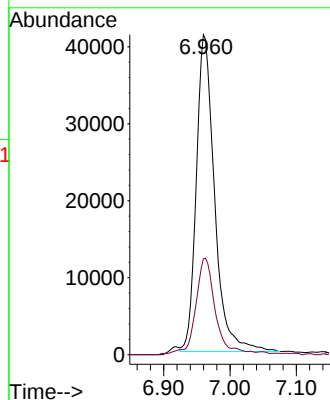
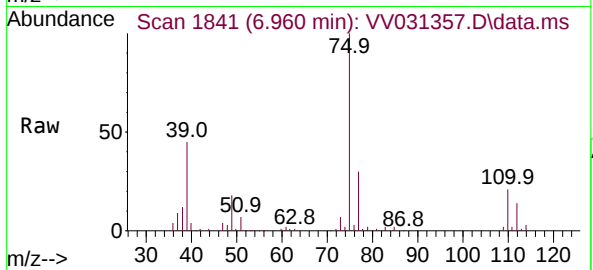
F6C27MSD

Tgt Ion: 75 Resp: 78819

Ion Ratio Lower Upper

75 100

77 30.0 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 47.795 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

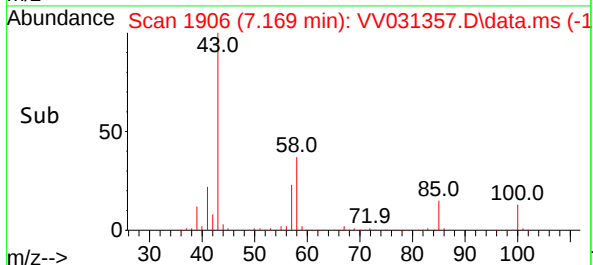
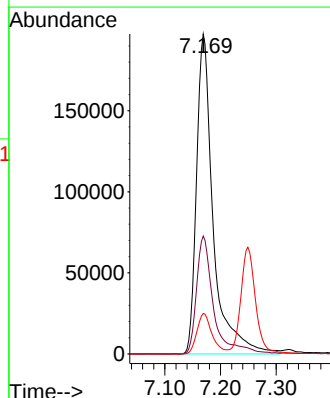
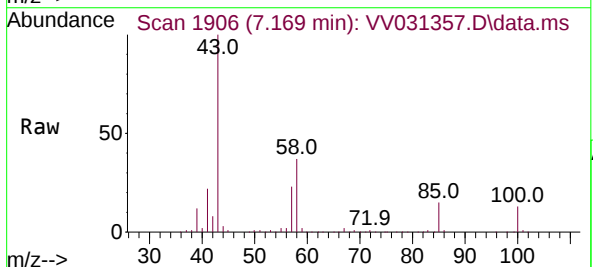
Tgt Ion: 43 Resp: 411102

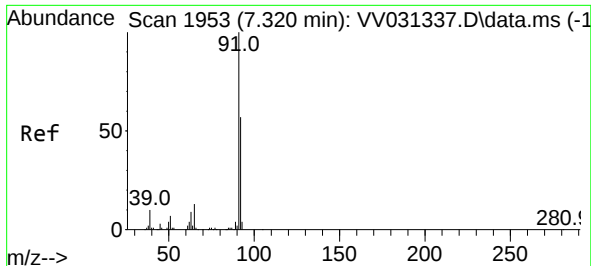
Ion Ratio Lower Upper

43 100

58 37.6 30.2 45.4

100 11.5 9.0 13.6





#42

Toluene

Concen: 4.609 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

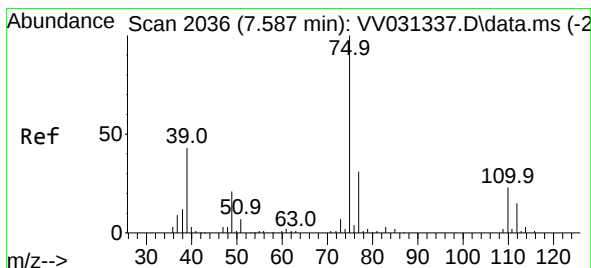
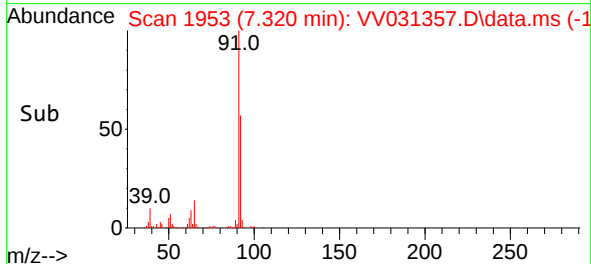
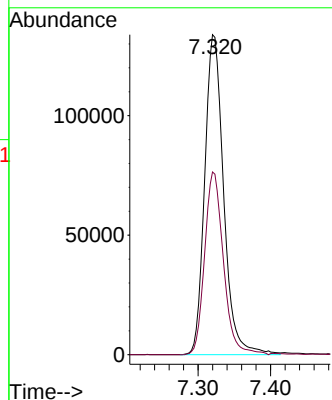
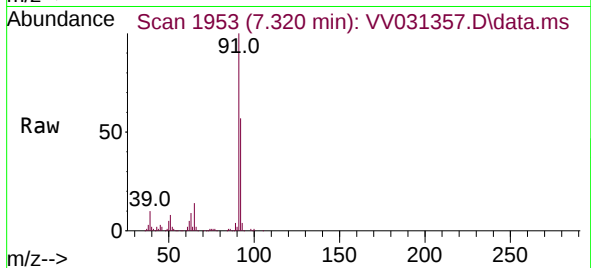
F6C27MSD

Tgt Ion: 91 Resp: 243594

Ion Ratio Lower Upper

91 100

92 57.1 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.358 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.003 min

Lab File: VV031357.D

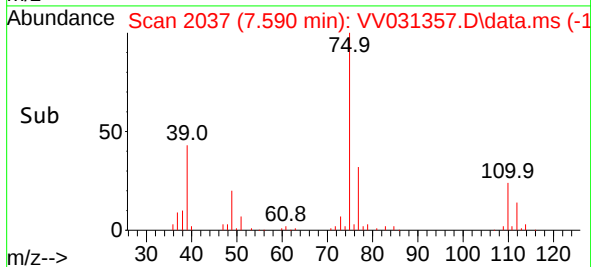
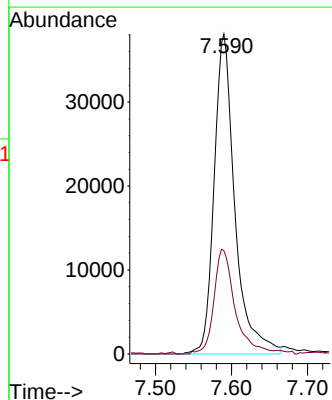
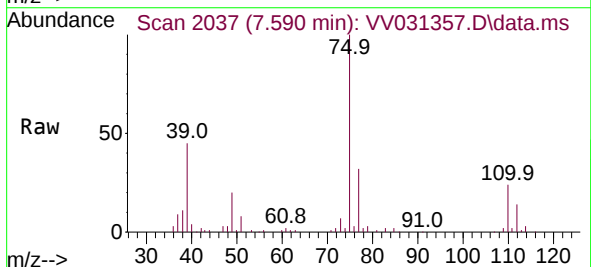
Acq: 05 Jun 2023 19:17

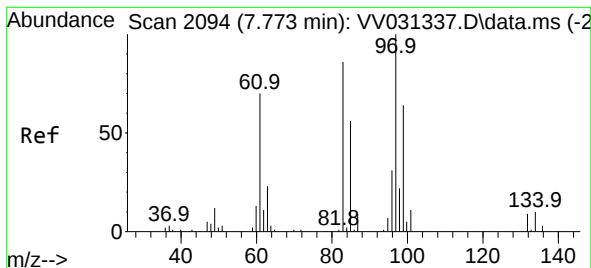
Tgt Ion: 75 Resp: 72135

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 4.408 ug/L

RT: 7.776 min Scan# 2094

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

Tgt Ion: 97 Resp: 43865

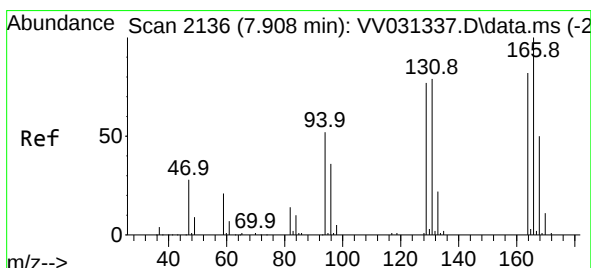
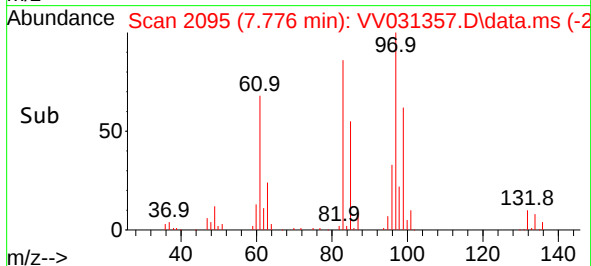
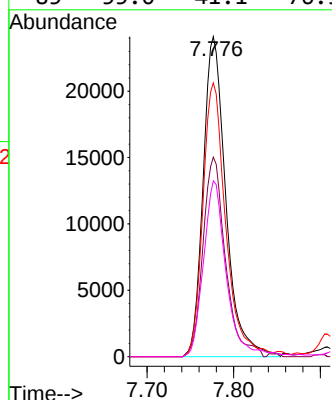
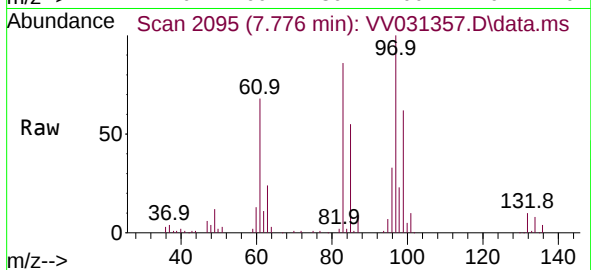
Ion Ratio Lower Upper

97 100

99 62.3 43.1 80.1

83 85.6 63.1 117.1

85 55.0 41.1 76.3



#47

Tetrachloroethene

Concen: 9.893 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Tgt Ion: 164 Resp: 103712

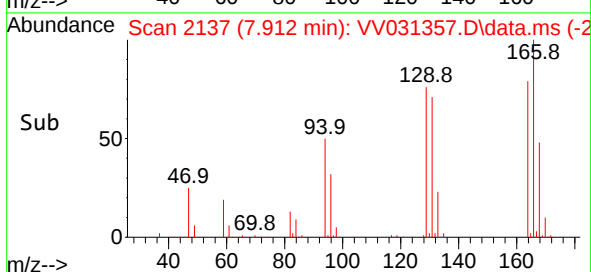
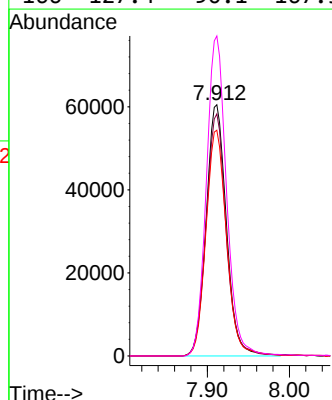
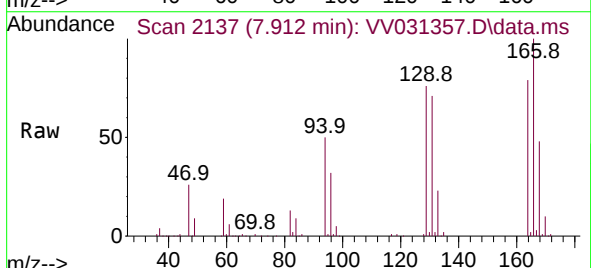
Ion Ratio Lower Upper

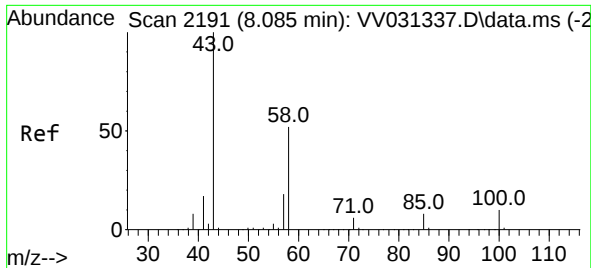
164 100

129 96.4 66.0 122.6

131 89.9 65.3 121.3

166 127.4 90.1 167.3



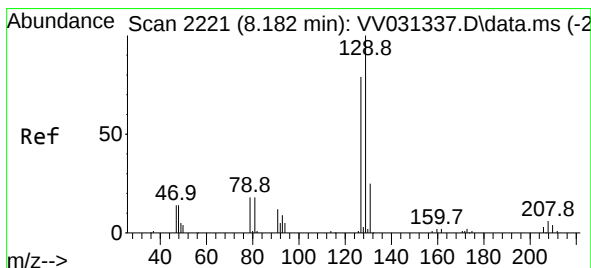
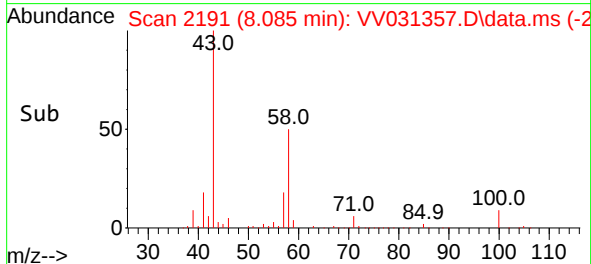
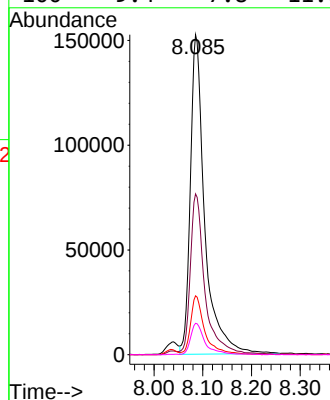
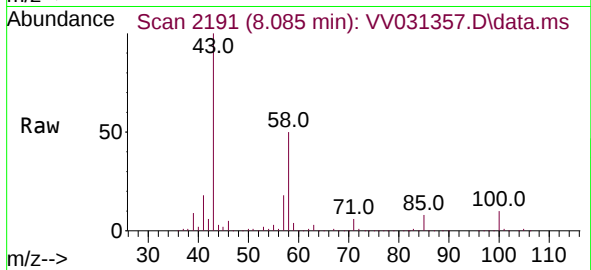


#48
2-Hexanone
Concen: 45.658 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

Tgt Ion: 43 Resp: 311887

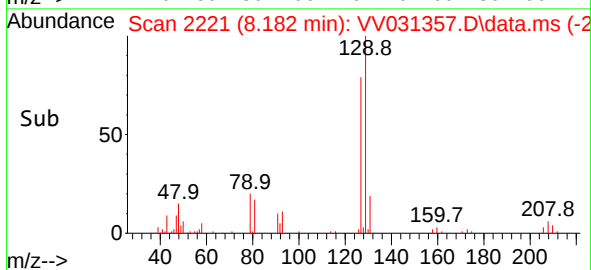
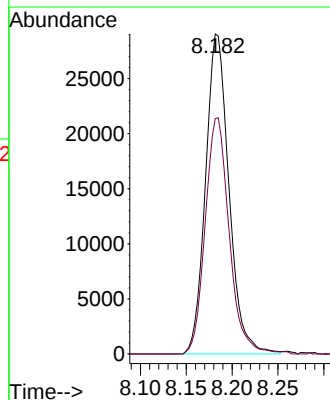
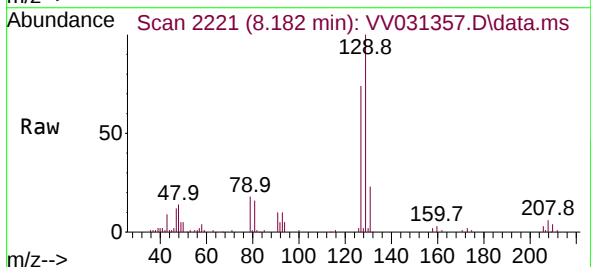
Ion	Ratio	Lower	Upper
43	100		
58	50.7	41.1	61.7
57	18.0	14.4	21.6
100	9.4	7.8	11.6

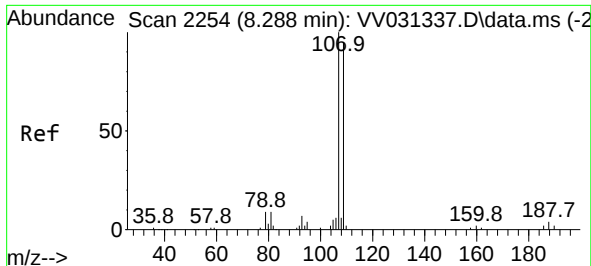


#49
Dibromochloromethane
Concen: 4.652 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 129 Resp: 51689

Ion	Ratio	Lower	Upper
129	100		
127	73.5	55.0	102.2





#50

1,2-Dibromoethane

Concen: 4.353 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

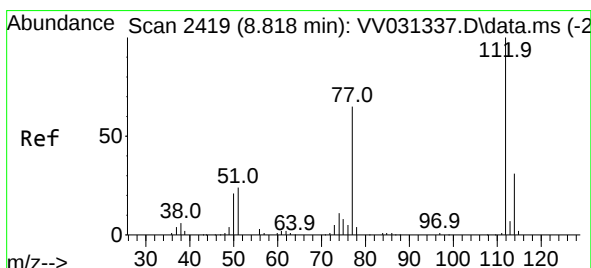
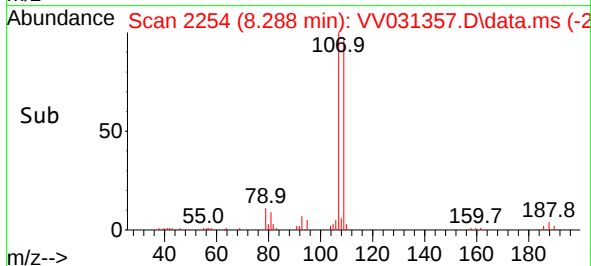
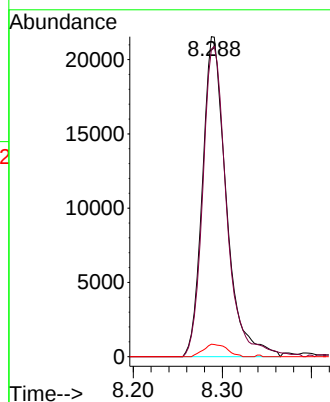
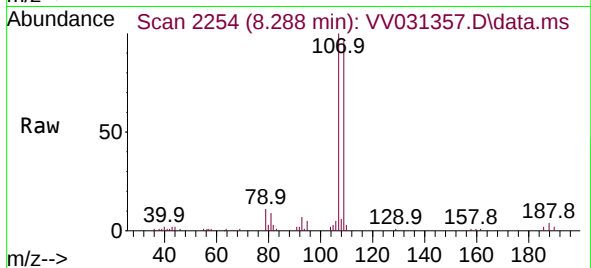
Tgt Ion:107 Resp: 40063

Ion Ratio Lower Upper

107 100

109 96.0 62.2 115.4

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 4.427 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

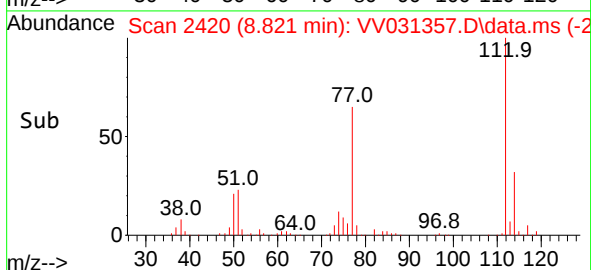
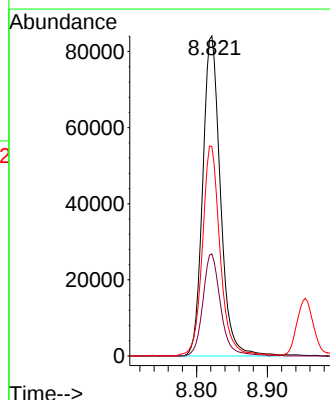
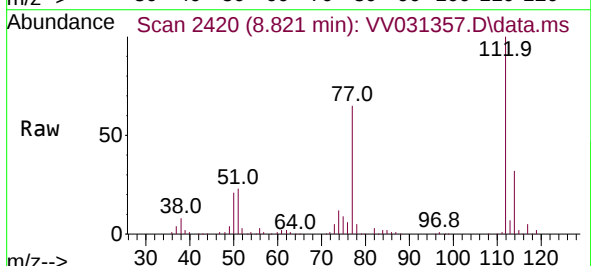
Tgt Ion:112 Resp: 145764

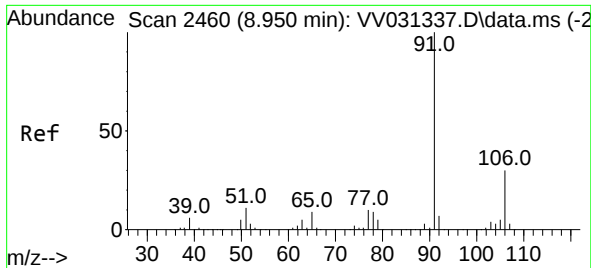
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

77 65.4 52.2 78.2

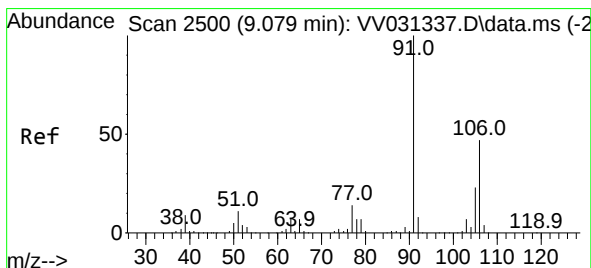
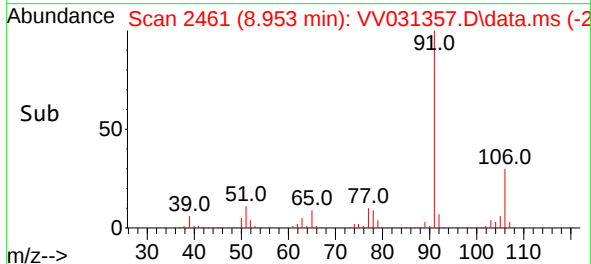
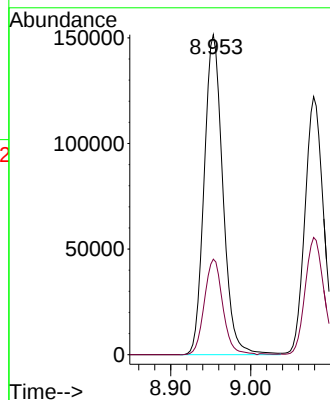
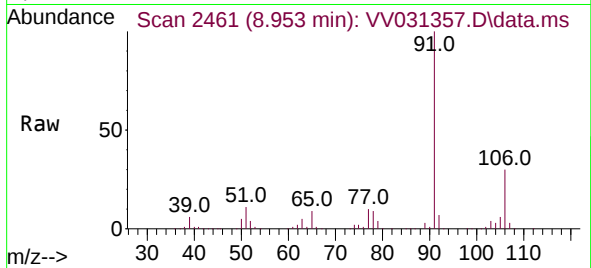




#52
Ethylbenzene
Concen: 4.461 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

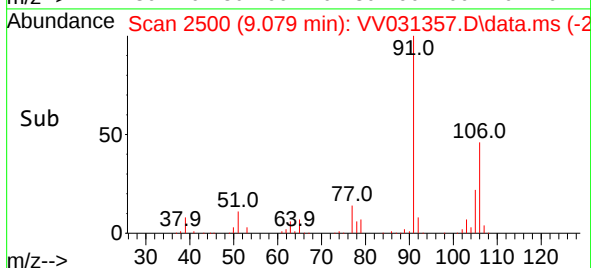
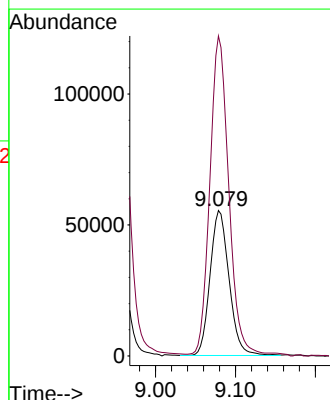
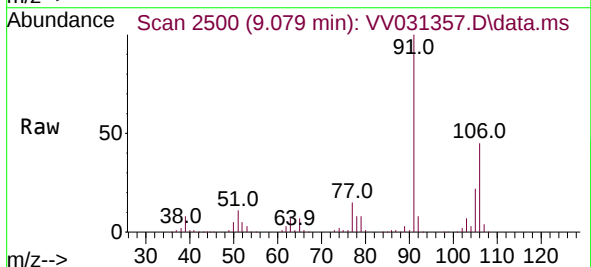
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

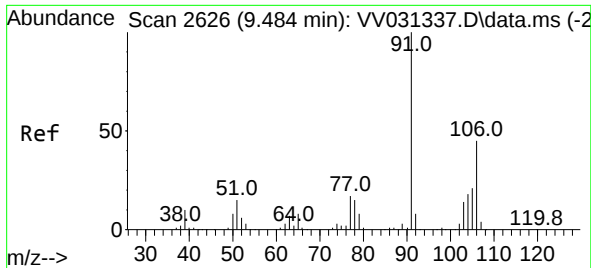
Tgt Ion: 91 Resp: 246642
Ion Ratio Lower Upper
91 100
106 29.9 20.0 37.2



#53
m,p-Xylene
Concen: 4.584 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 106 Resp: 91185
Ion Ratio Lower Upper
106 100
91 220.1 154.3 286.5

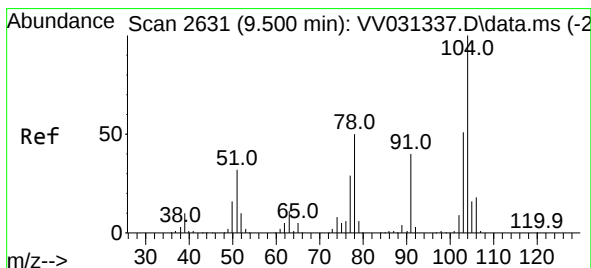
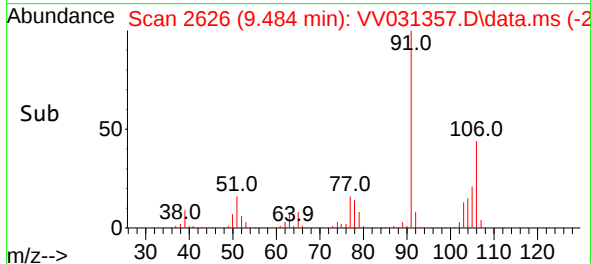
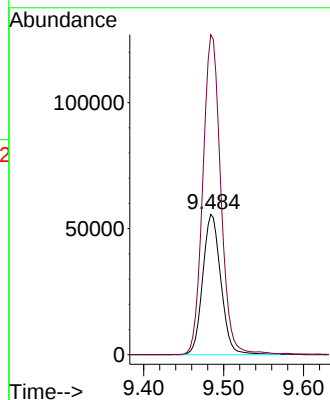
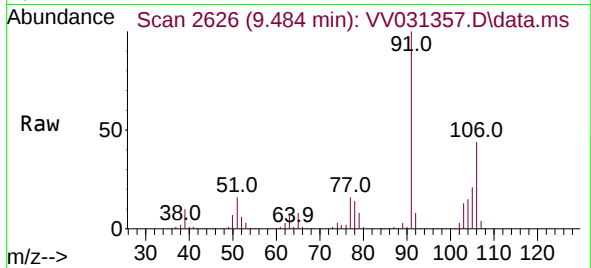




#54
o-Xylene
Concen: 4.719 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

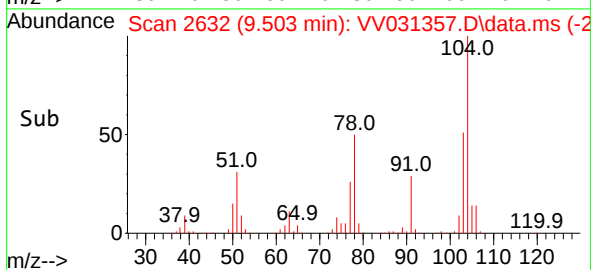
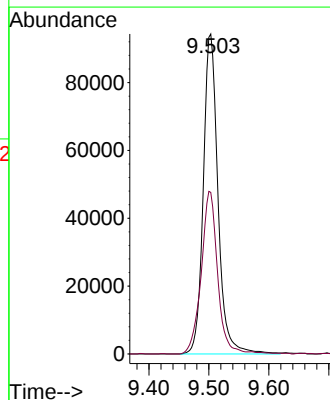
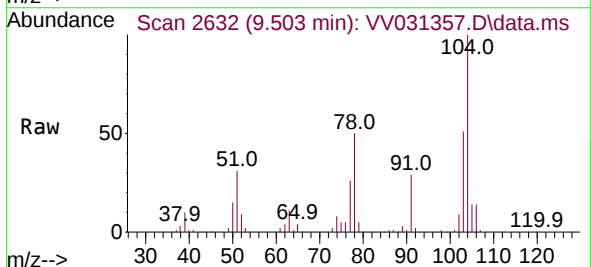
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

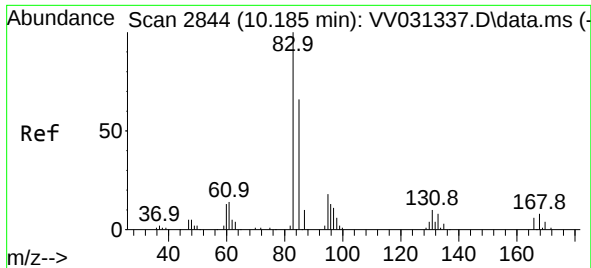
Tgt Ion:106 Resp: 87958
Ion Ratio Lower Upper
106 100
91 228.0 159.0 295.4



#55
Styrene
Concen: 4.861 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion:104 Resp: 161185
Ion Ratio Lower Upper
104 100
78 50.5 35.9 66.7

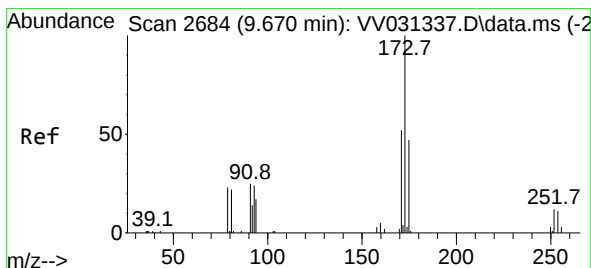
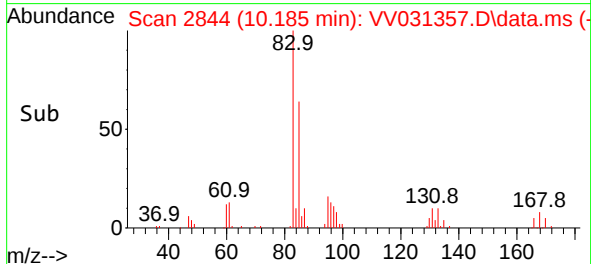
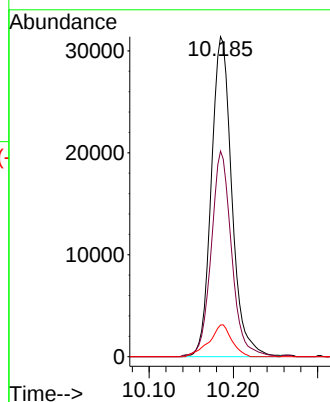
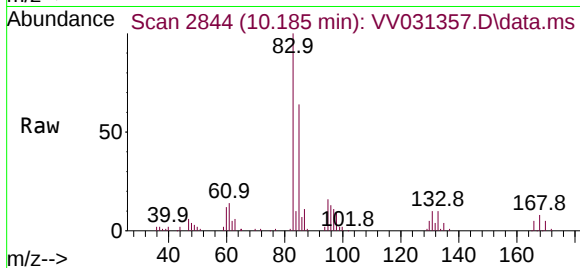




#57
1,1,2,2-Tetrachloroethane
Concen: 4.486 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

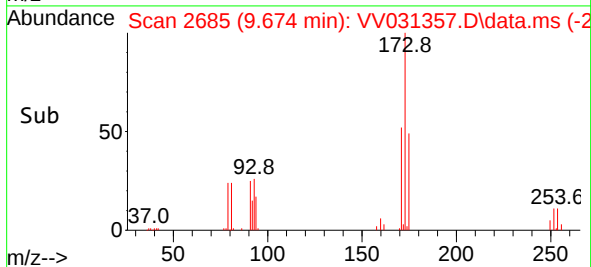
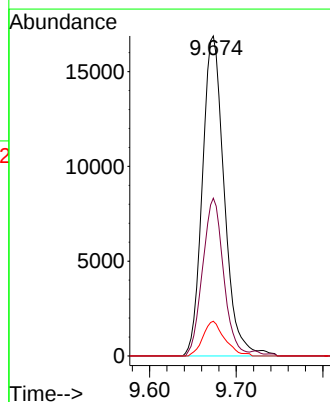
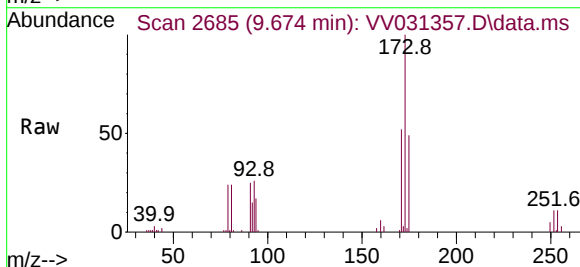
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

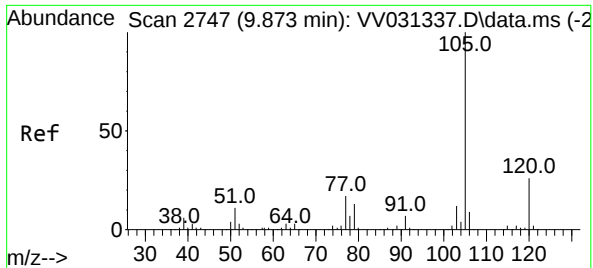
Tgt Ion: 83 Resp: 53207
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
131 9.9 7.3 10.9



#59
Bromoform
Concen: 4.723 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 173 Resp: 29548
Ion Ratio Lower Upper
173 100
175 47.3 38.9 58.3
254 10.8 7.8 11.8

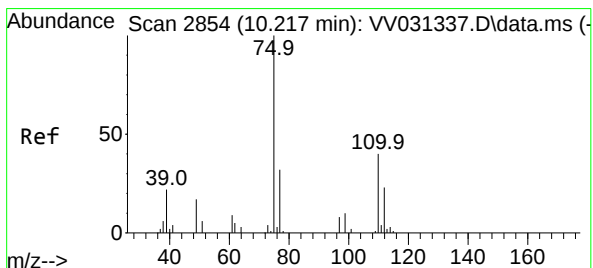
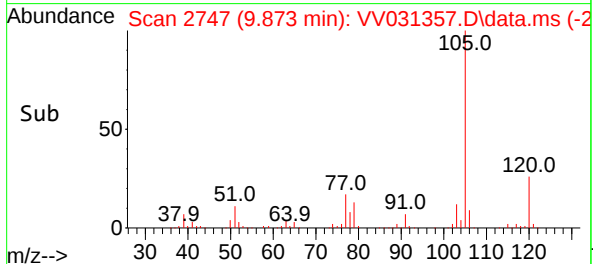
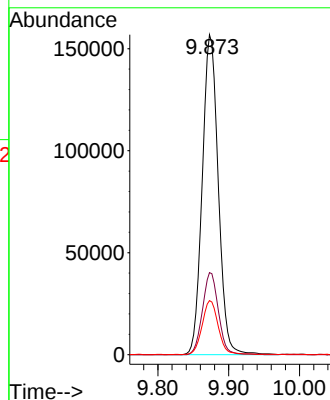
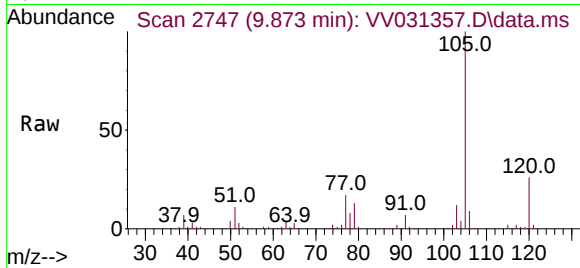




#60
Isopropylbenzene
Concen: 4.418 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

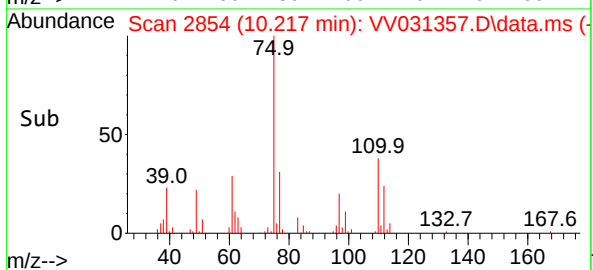
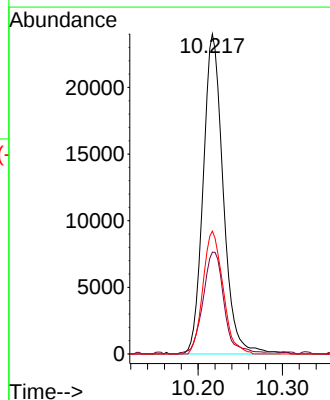
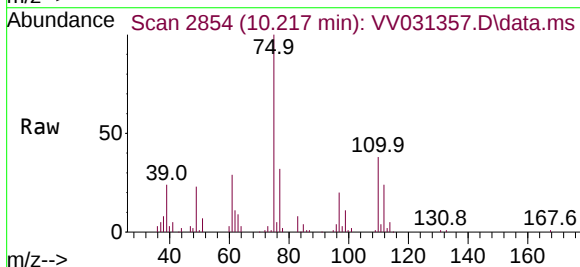
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

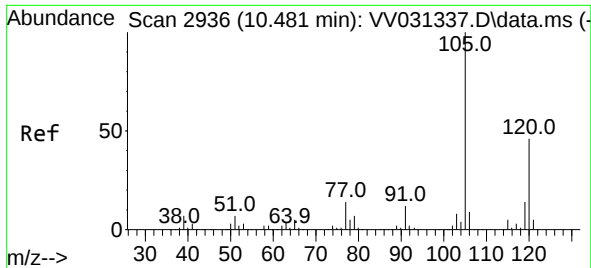
Tgt Ion:105 Resp: 246413
Ion Ratio Lower Upper
105 100
120 25.5 19.9 29.9
77 16.7 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.183 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 75 Resp: 39680
Ion Ratio Lower Upper
75 100
77 33.7 27.3 40.9
110 38.4 29.4 44.0

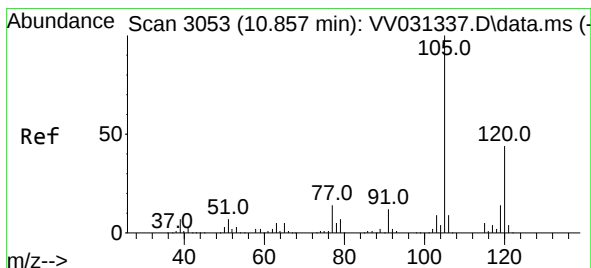
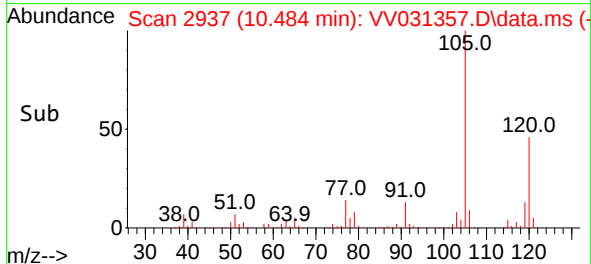
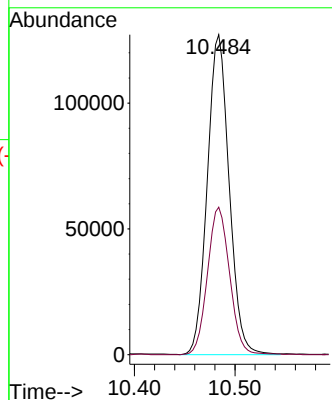
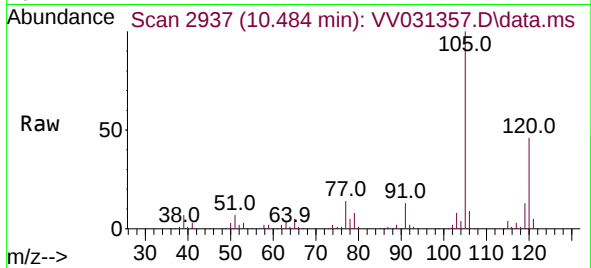




#62
1,3,5-Trimethylbenzene
Concen: 4.250 ug/L
RT: 10.484 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

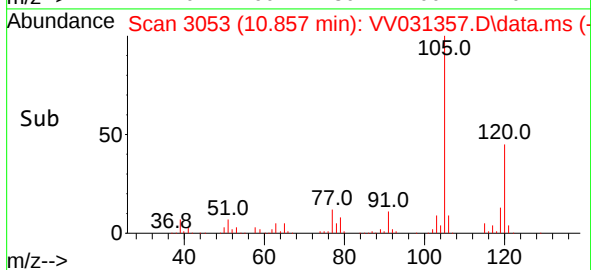
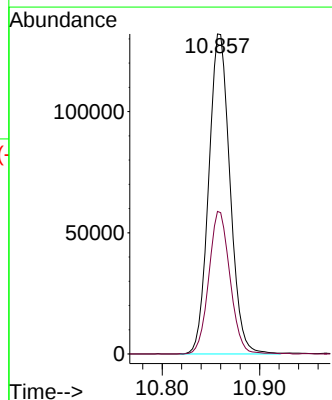
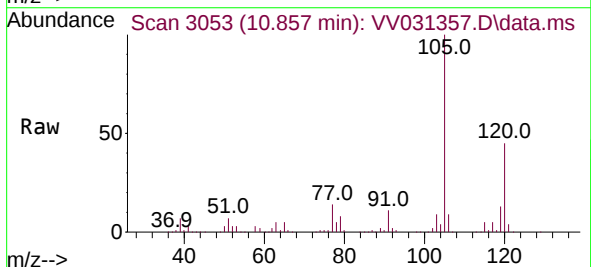
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

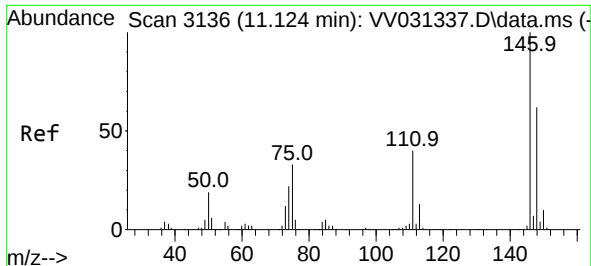
Tgt Ion:105 Resp: 192096
Ion Ratio Lower Upper
105 100
120 46.7 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.292 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion:105 Resp: 200243
Ion Ratio Lower Upper
105 100
120 44.3 33.2 49.8

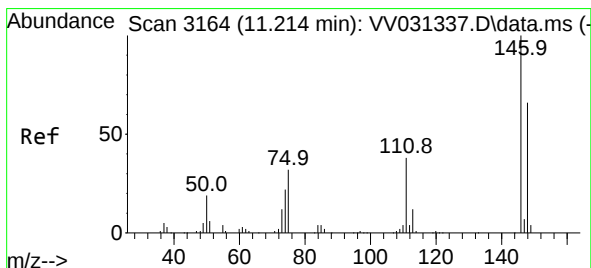
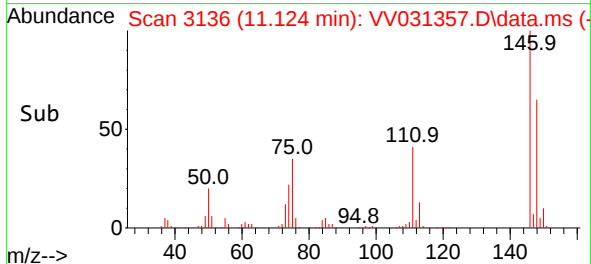
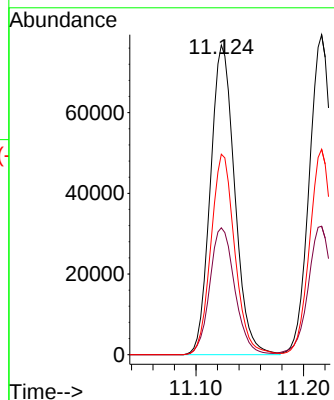
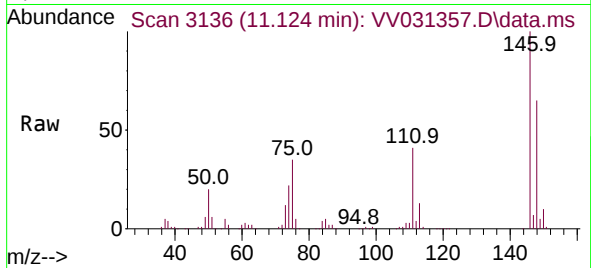




#64
1,3-Dichlorobenzene
Concen: 4.470 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

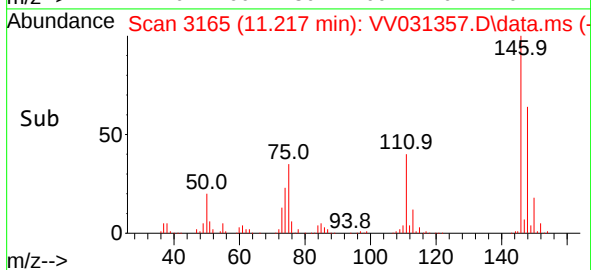
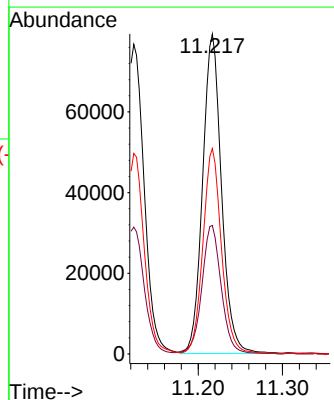
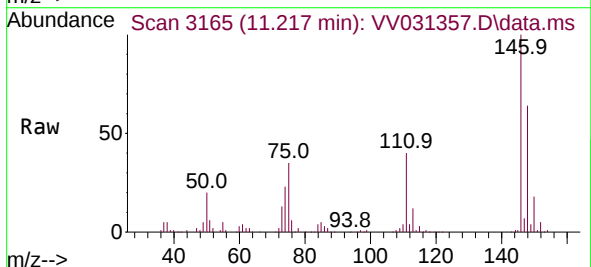
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

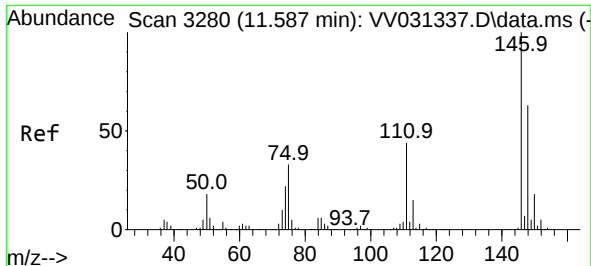
Tgt Ion:146 Resp: 120763
Ion Ratio Lower Upper
146 100
111 41.0 31.1 57.9
148 64.7 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.366 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion:146 Resp: 123508
Ion Ratio Lower Upper
146 100
111 40.2 28.4 52.8
148 64.2 44.2 82.0

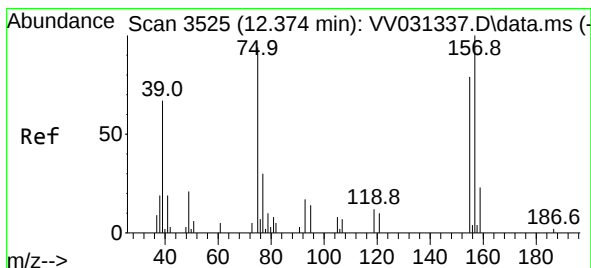
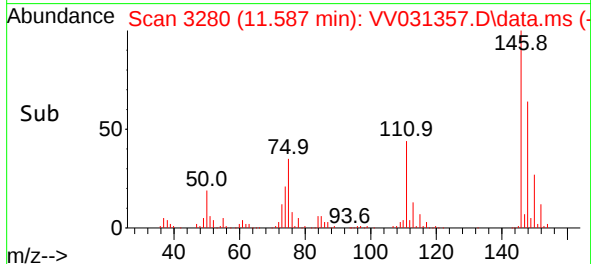
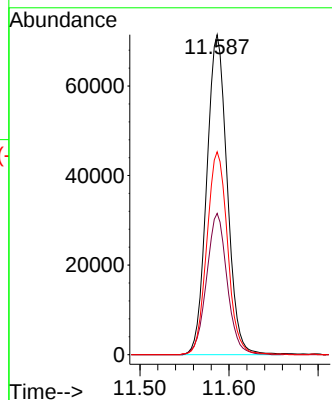
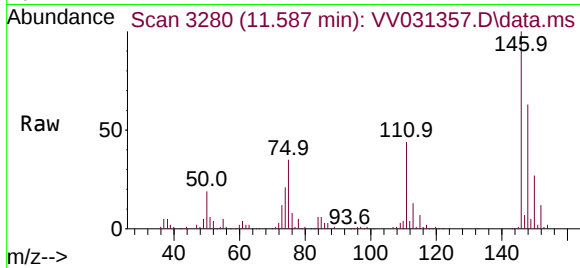




#67
1,2-Dichlorobenzene
Concen: 4.394 ug/L
RT: 11.587 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

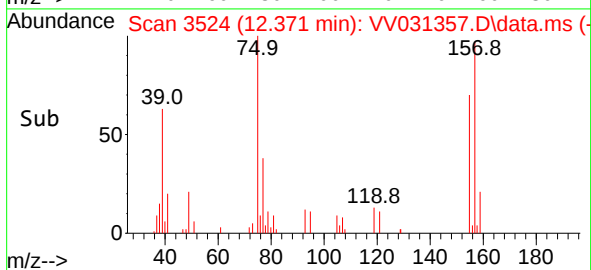
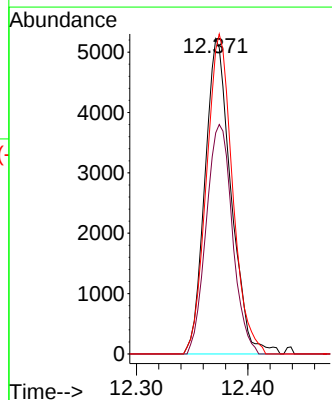
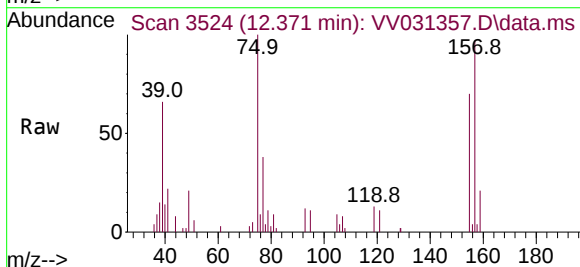
Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

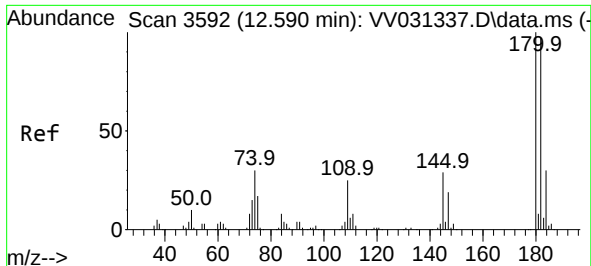
Tgt Ion:146 Resp: 113870
Ion Ratio Lower Upper
146 100
111 44.2 36.6 54.8
148 63.4 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 3.909 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion: 75 Resp: 8507
Ion Ratio Lower Upper
75 100
155 70.2 54.6 82.0
157 96.5 72.7 109.1





#69

1,3,5-Trichlorobenzene

Concen: 4.402 ug/L

RT: 12.590 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

F6C27MSD

Tgt Ion:180 Resp: 88357

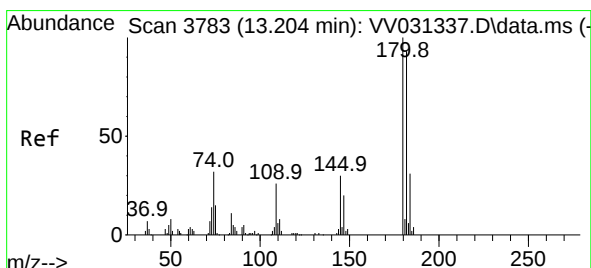
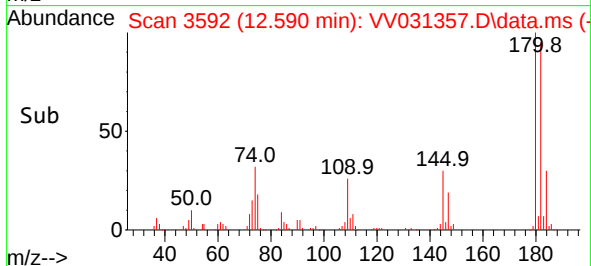
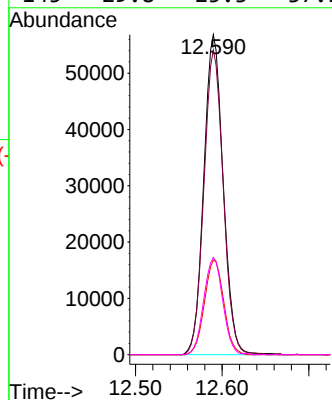
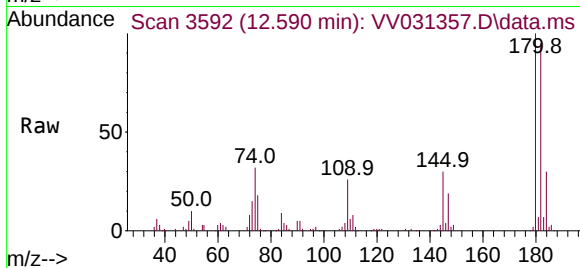
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

184 29.4 23.8 35.6

145 29.8 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 4.378 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.003 min

Lab File: VV031357.D

Acq: 05 Jun 2023 19:17

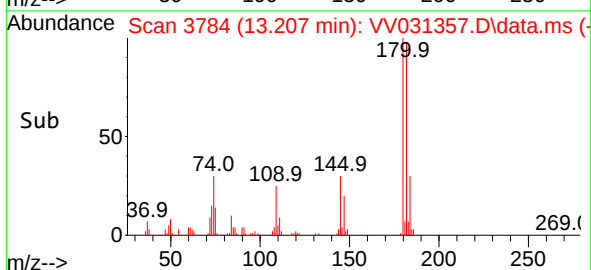
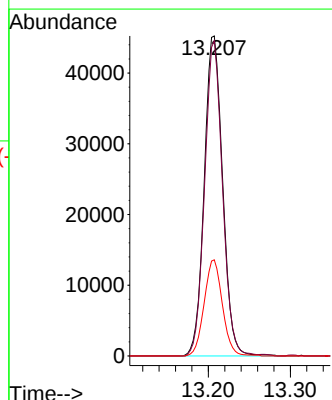
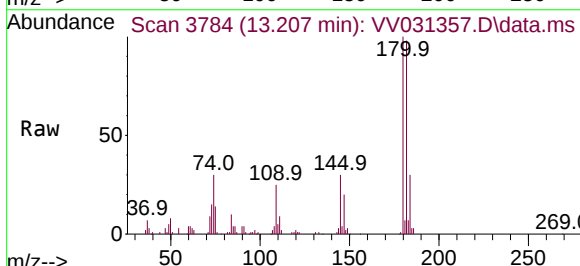
Tgt Ion:180 Resp: 70490

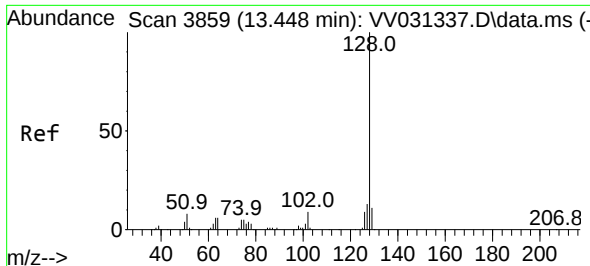
Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

145 29.8 26.3 39.5

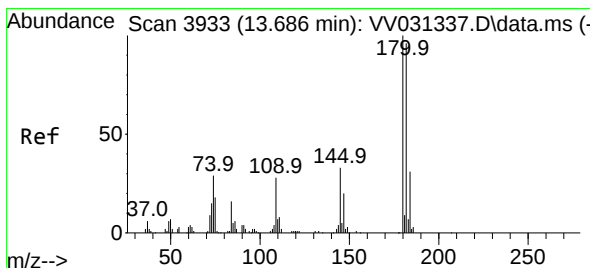
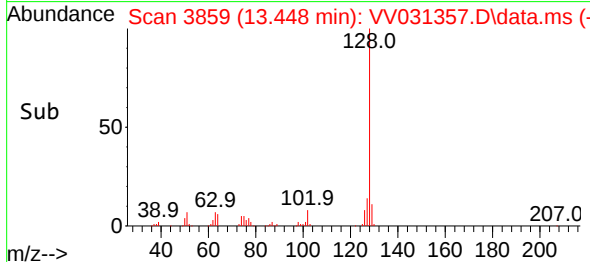
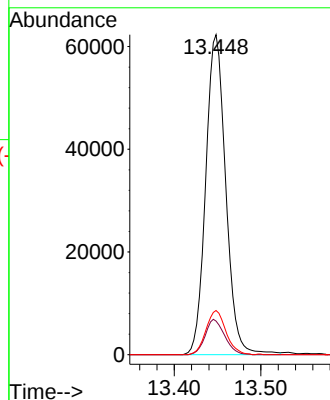
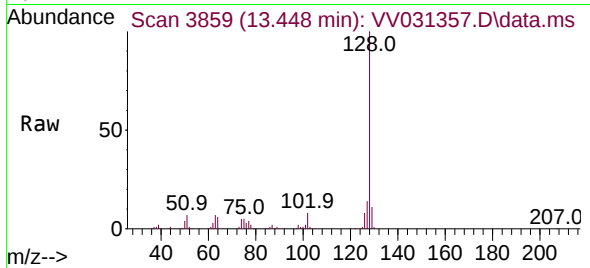




#71
Naphthalene
Concen: 4.057 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Instrument :
MSVOA_V
ClientSampleId :
F6C27MSD

Tgt Ion:128 Resp: 100211
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.8 11.4 17.2



#72
1,2,3-Trichlorobenzene
Concen: 4.414 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.003 min
Lab File: VV031357.D
Acq: 05 Jun 2023 19:17

Tgt Ion:180 Resp: 63744
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
145 33.2 27.8 41.6

