

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030268.D
 Acq On : 20 Mar 2023 19:34
 Operator : SY/MD
 Sample : 01997-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MS

Quant Time: Mar 21 02:59:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	128138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27350	3.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.539	69	26448	3.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.066	63	65826	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.812	46	76496	50.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.080%
24) Chloroform-d	4.262	84	70510	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	4.953	65	35051	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.973	84	117713	3.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
36) 1,2-Dichloropropane-d6	5.998	67	35595	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.800%
41) Toluene-d8	7.252	98	116930	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.561	79	14074	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.034	63	62713	44.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29104	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	47763	3.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43291	4.152	ug/L	97
3) Chloromethane	1.217	50	55692	3.390	ug/L	98
5) Vinyl chloride	1.285	62	43716	4.004	ug/L	100
6) Bromomethane	1.494	94	13852	7.068	ug/L	95
8) Chloroethane	1.555	64	28409	4.271	ug/L	99
9) Trichlorofluoromethane	1.719	101	77900	4.973	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	41874	4.310	ug/L	96
12) 1,1-Dichloroethene	2.076	96	36474	4.241	ug/L	94
13) Acetone	2.140	43	62102	54.966	ug/L	64
14) Carbon disulfide	2.249	76	77189	3.355	ug/L	98
15) Methyl Acetate	2.391	43	12314	4.667	ug/L	95
16) Methylene chloride	2.455	84	35720	3.400	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	80780	4.804	ug/L #	92
18) trans-1,2-Dichloroethene	2.703	96	33184	4.057	ug/L	93
19) 1,1-Dichloroethane	3.121	63	70754	4.643	ug/L	97
21) 2-Butanone	3.892	43	79120	52.070	ug/L	90
22) cis-1,2-Dichloroethene	3.825	96	38970	4.310	ug/L	91
23) Bromochloromethane	4.156	128	17562	4.545	ug/L	96
25) Chloroform	4.291	83	78054	4.924	ug/L	100

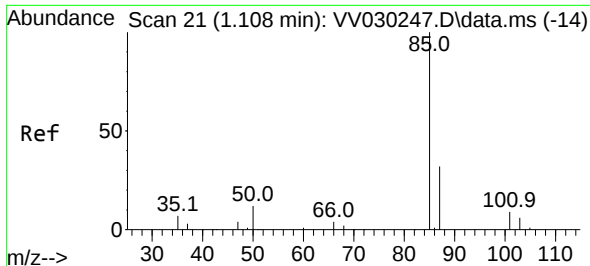
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	47475	5.725	ug/L #	91
29) 1,1,1-Trichloroethane	4.526	97	72213	4.946	ug/L	96
30) Cyclohexane	4.593	56	48410	3.837	ug/L	98
31) Carbon tetrachloride	4.748	117	64057	4.881	ug/L	98
33) Benzene	5.021	78	147503	4.345	ug/L	100
34) Trichloroethene	5.841	95	38980	4.098	ug/L	97
35) Methylcyclohexane	6.060	83	53293	3.702	ug/L	94
37) 1,2-Dichloropropane	6.105	63	37956	4.395	ug/L	100
38) Bromodichloromethane	6.439	83	53550	4.857	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	53228	4.210	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	213708	59.969	ug/L	91
42) Toluene	7.323	91	165964	4.514	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	45550	4.615	ug/L	100
45) 1,1,2-Trichloroethane	7.777	97	27666	4.477	ug/L	97
47) Tetrachloroethene	7.912	164	44216	5.415	ug/L	100
48) 2-Hexanone	8.085	43	155402	60.913	ug/L	91
49) Dibromochloromethane	8.185	129	33081	4.575	ug/L	99
50) 1,2-Dibromoethane	8.291	107	24650	4.275	ug/L #	98
51) Chlorobenzene	8.822	112	108568	4.379	ug/L	97
52) Ethylbenzene	8.953	91	180165	4.503	ug/L	100
53) m,p-Xylene	9.082	106	69450	4.516	ug/L	100
54) o-Xylene	9.487	106	68720	4.678	ug/L	97
55) Styrene	9.503	104	120829	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	32813	4.747	ug/L	97
59) Bromoform	9.674	173	21375	4.919	ug/L	98
60) Isopropylbenzene	9.876	105	191402	4.588	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	23206	4.782	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	155342	4.533	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	162983	4.649	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	98336	4.527	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	100858	4.602	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	92114	4.803	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5591	5.159	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	74329	4.163	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	58824	4.066	ug/L	98
71) Naphthalene	13.448	128	83347	4.409	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	50435	4.235	ug/L	98

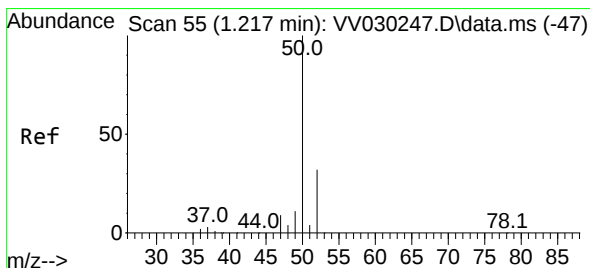
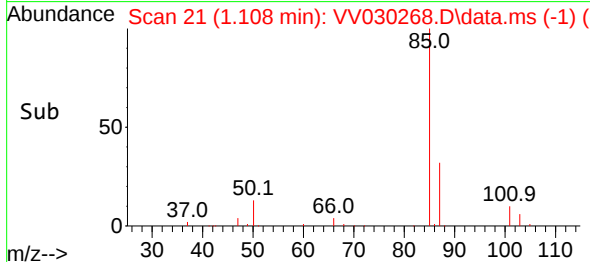
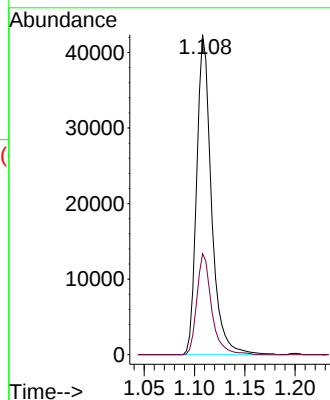
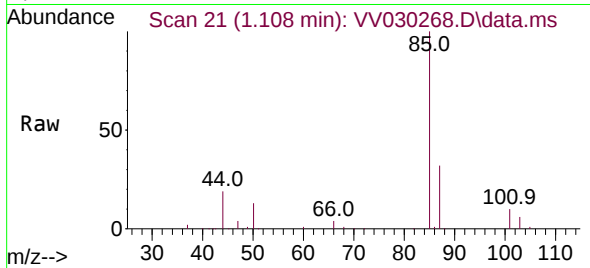
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#2
 Dichlorodifluoromethane
 Concen: 4.152 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

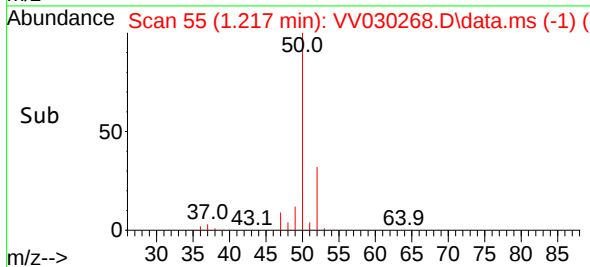
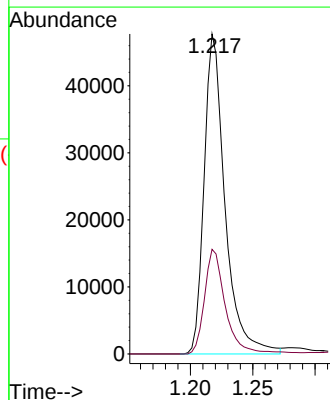
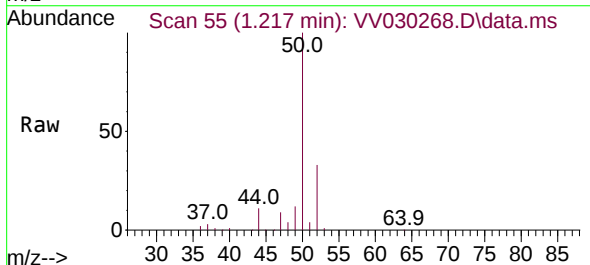
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MS

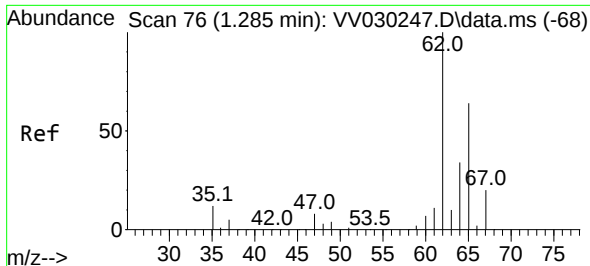
Tgt Ion: 85 Resp: 43291
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.6 39.8



#3
 Chloromethane
 Concen: 3.390 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Tgt Ion: 50 Resp: 55692
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.6 43.8

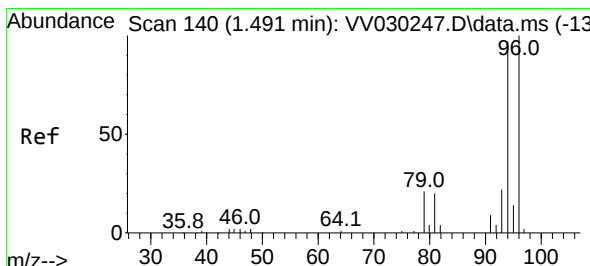
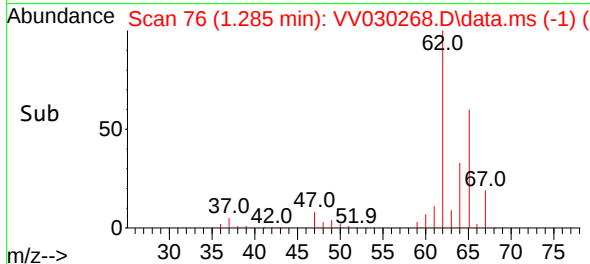
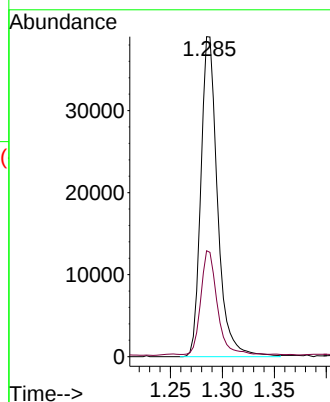
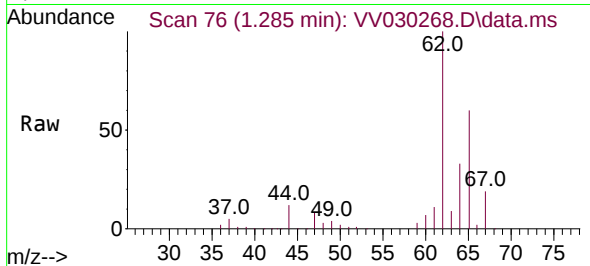




#5
 Vinyl chloride
 Concen: 4.004 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

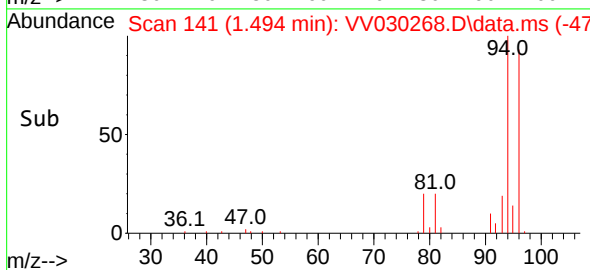
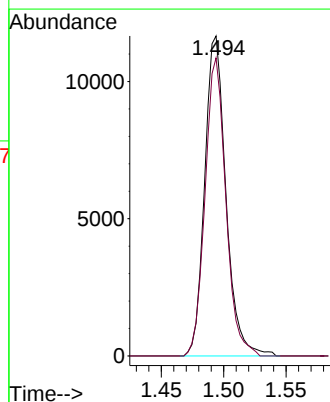
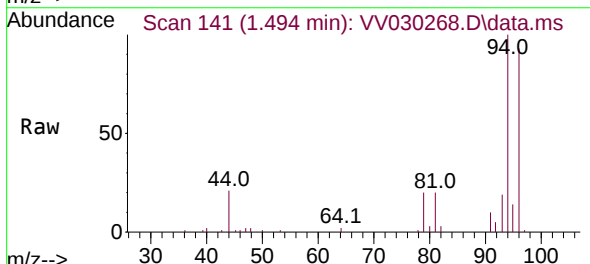
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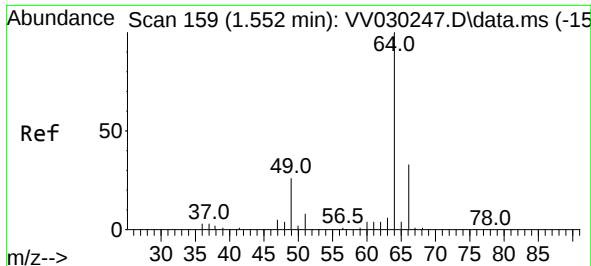
Tgt Ion: 62 Resp: 43716
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 7.068 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Tgt Ion: 94 Resp: 13852
 Ion Ratio Lower Upper
 94 100
 96 93.1 68.4 127.0

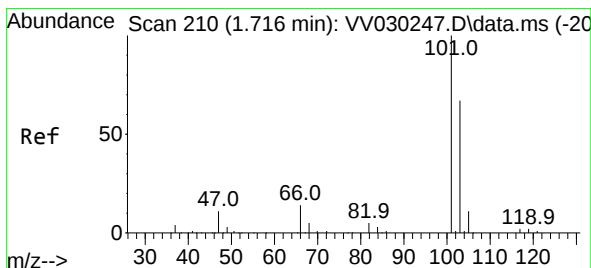
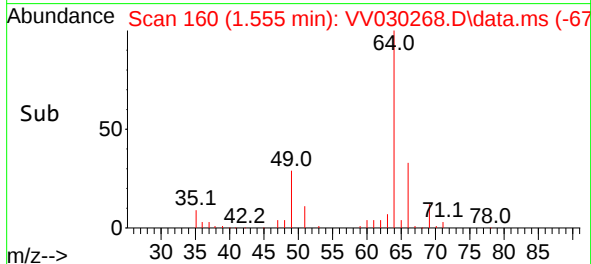
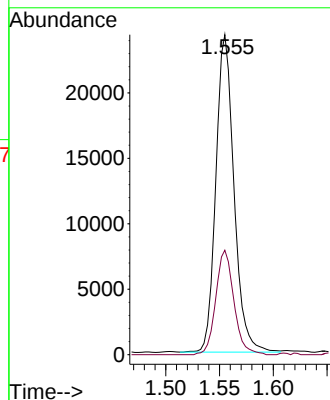
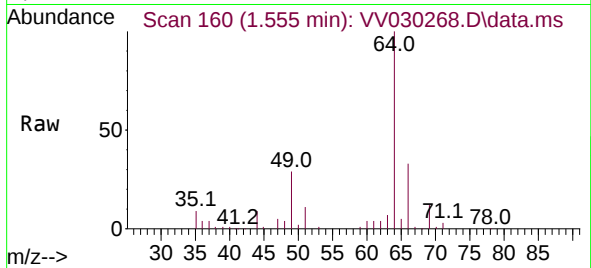




#8
Chloroethane
Concen: 4.271 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

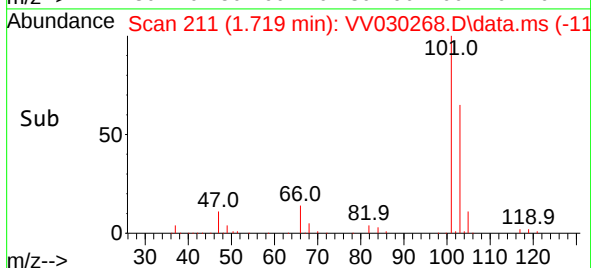
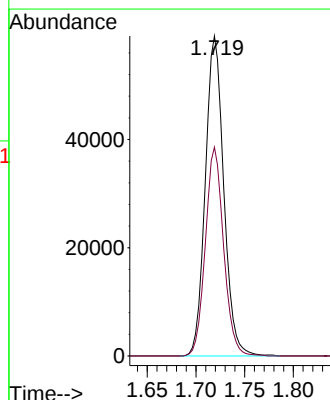
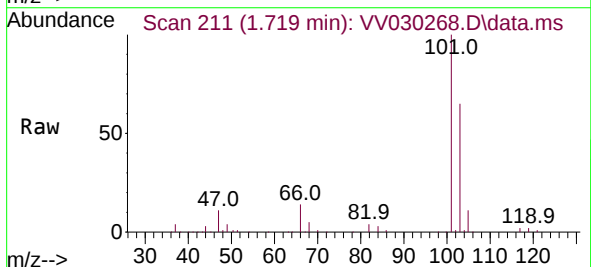
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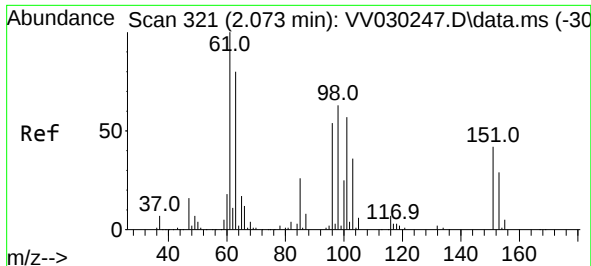
Tgt Ion: 64 Resp: 28409
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.973 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion:101 Resp: 77900
Ion Ratio Lower Upper
101 100
103 64.5 52.7 79.1

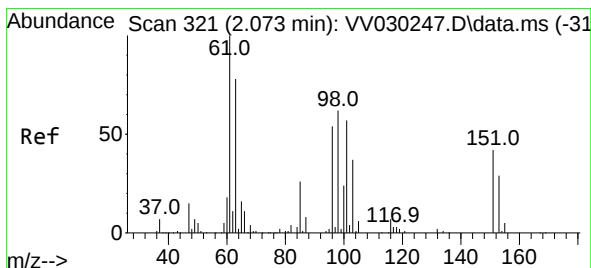
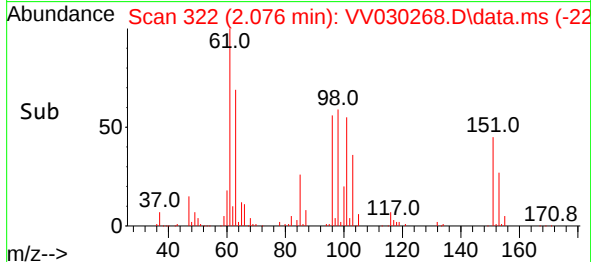
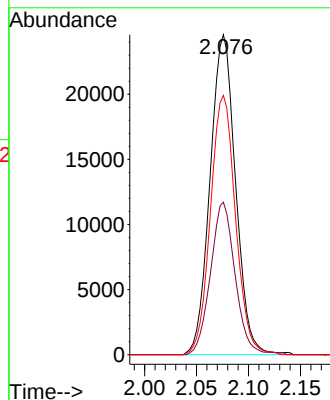
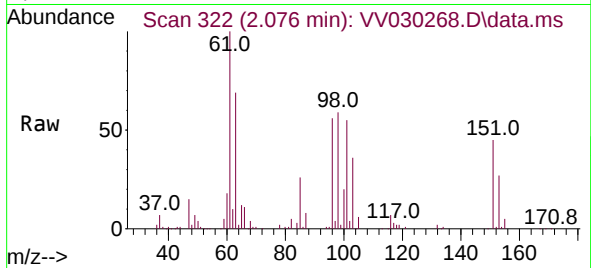




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.310 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

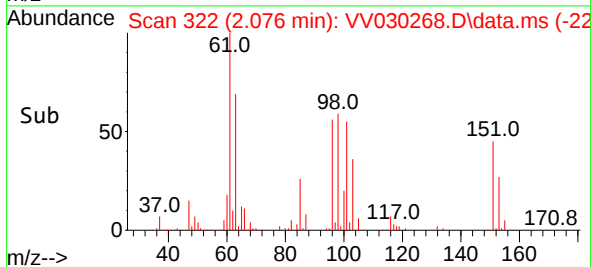
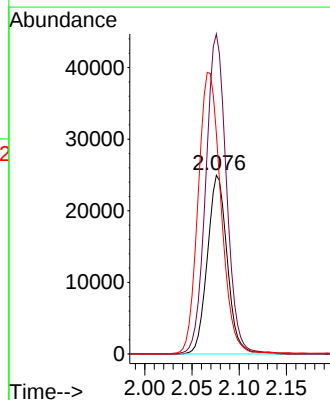
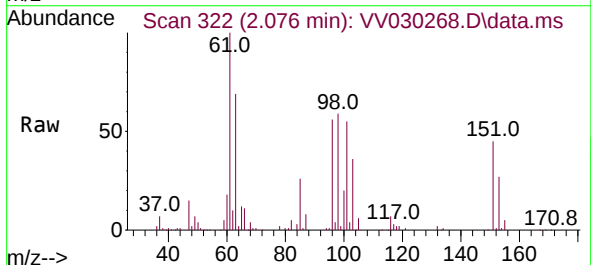
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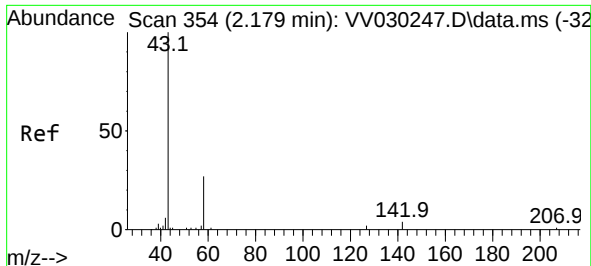
Tgt Ion:101 Resp: 41874
 Ion Ratio Lower Upper
 101 100
 85 46.1 33.5 50.3
 151 79.9 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 4.241 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Tgt Ion: 96 Resp: 36474
 Ion Ratio Lower Upper
 96 100
 61 179.1 115.6 214.6
 63 123.6 85.6 159.0





#13

Acetone

Concen: 54.966 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

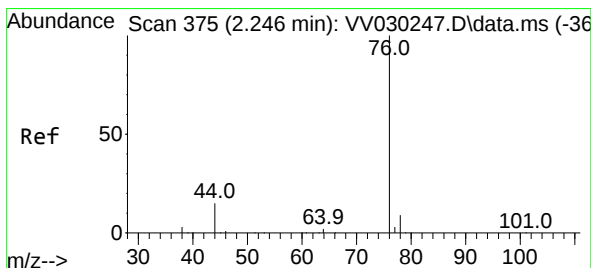
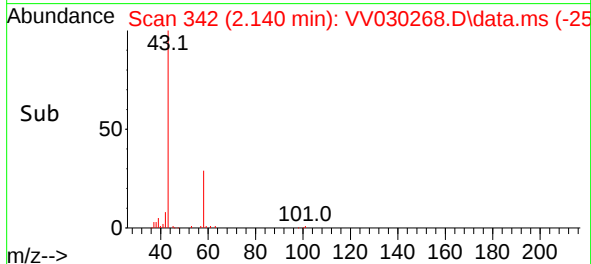
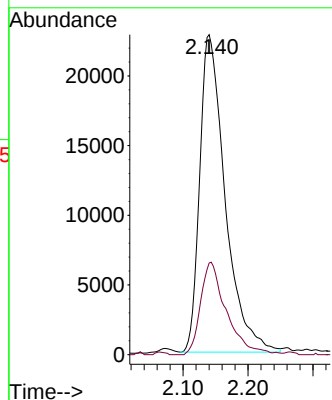
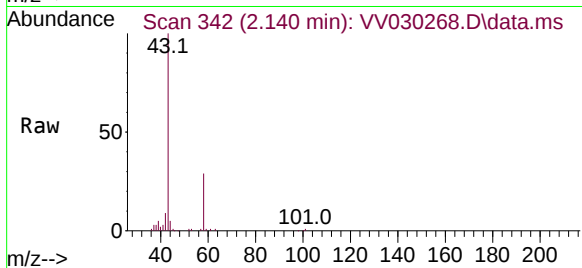
C0BC9MS

Tgt Ion: 43 Resp: 62102

Ion Ratio Lower Upper

43 100

58 29.4 0.0 29.4



#14

Carbon disulfide

Concen: 3.355 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030268.D

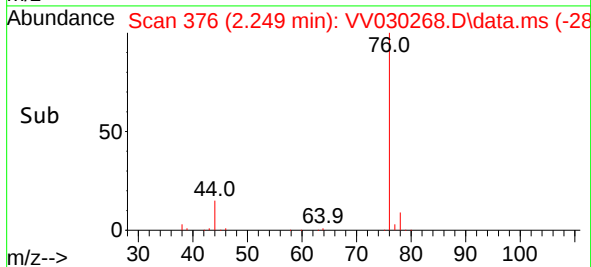
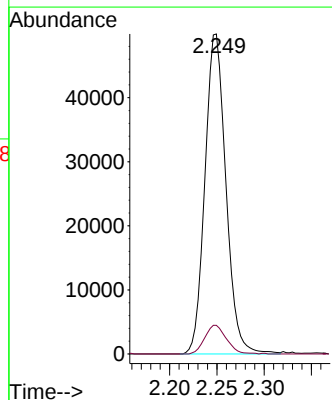
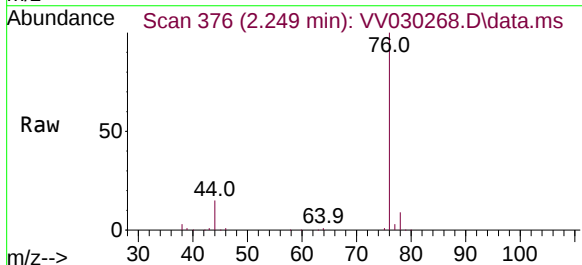
Acq: 20 Mar 2023 19:34

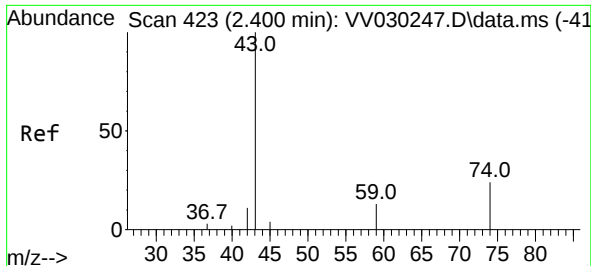
Tgt Ion: 76 Resp: 77189

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

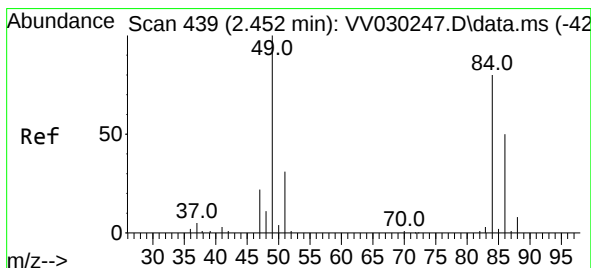
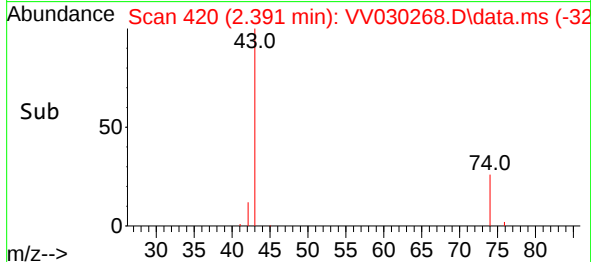
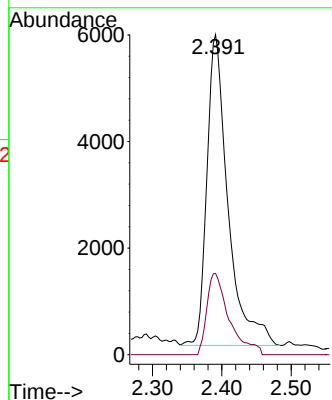
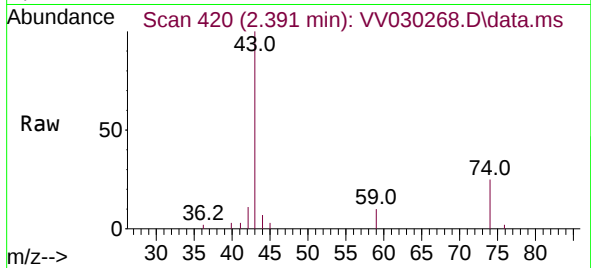




#15
Methyl Acetate
Concen: 4.667 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

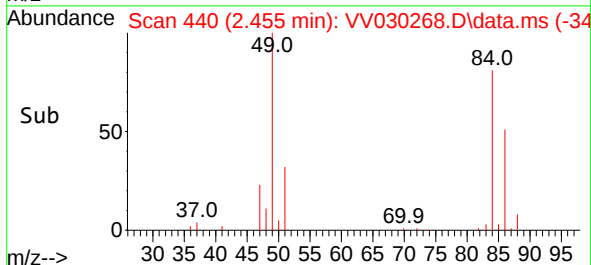
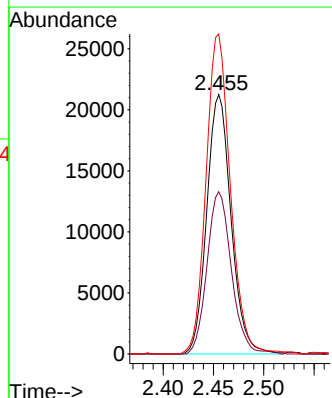
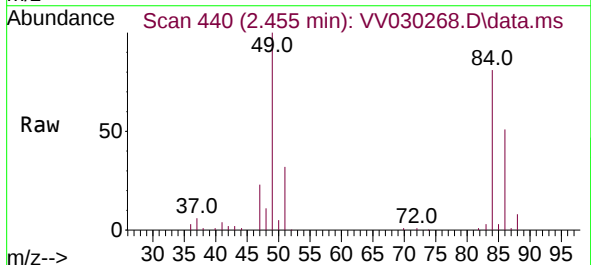
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

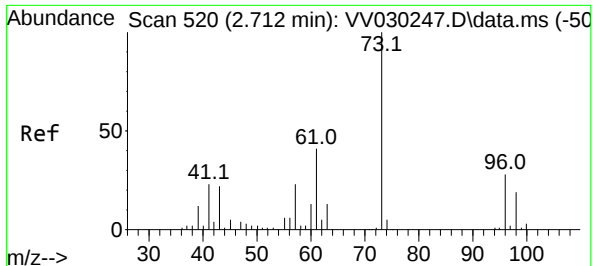
Tgt Ion: 43 Resp: 12314
Ion Ratio Lower Upper
43 100
74 27.5 20.1 30.1



#16
Methylene chloride
Concen: 3.400 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 84 Resp: 35720
Ion Ratio Lower Upper
84 100
86 62.5 44.7 83.1
49 123.3 78.8 146.3

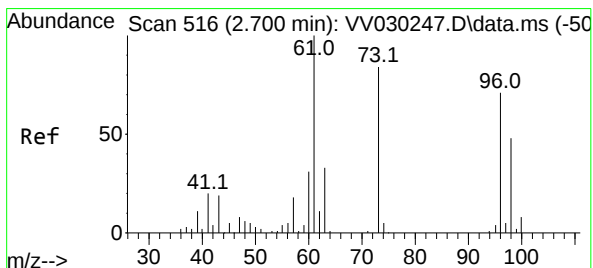
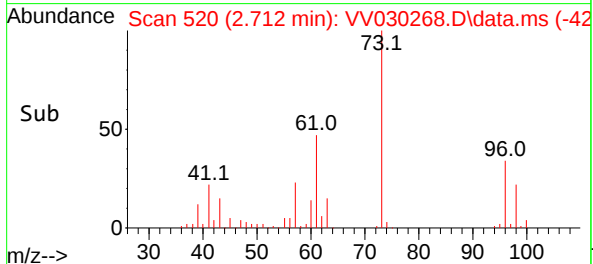
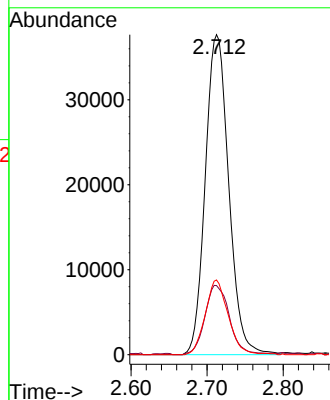
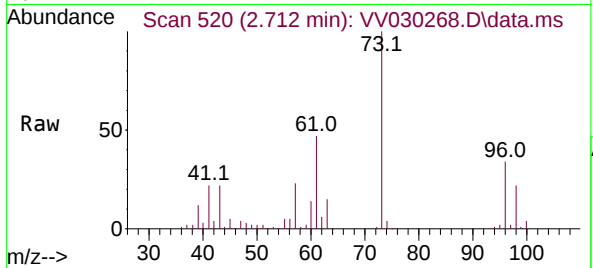




#17
Methyl tert-butyl Ether
Concen: 4.804 ug/L
RT: 2.712 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

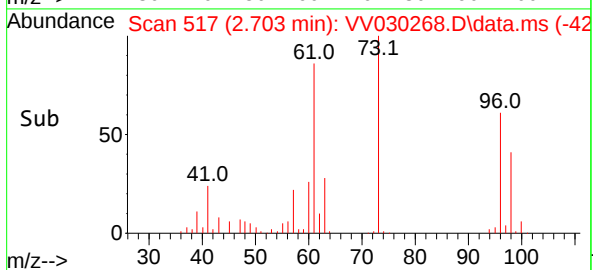
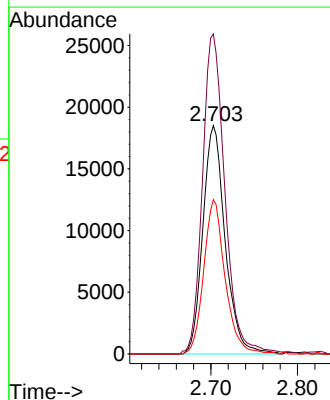
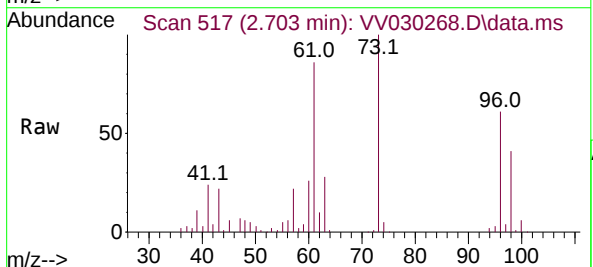
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

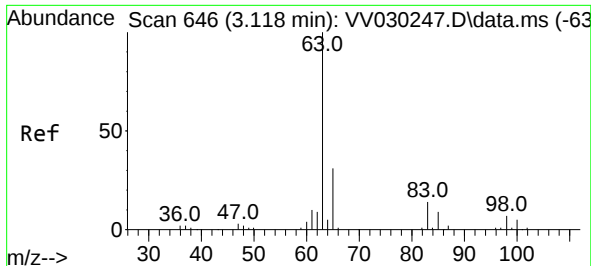
Tgt Ion: 73 Resp: 80780
Ion Ratio Lower Upper
73 100
43 22.7 13.4 20.2#
57 22.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 4.057 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 96 Resp: 33184
Ion Ratio Lower Upper
96 100
61 140.1 91.0 169.0
98 67.6 45.2 84.0





#19

1,1-Dichloroethane

Concen: 4.643 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

C0BC9MS

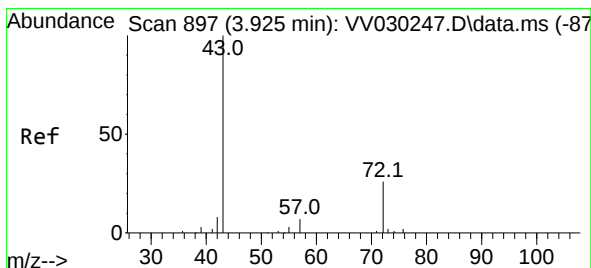
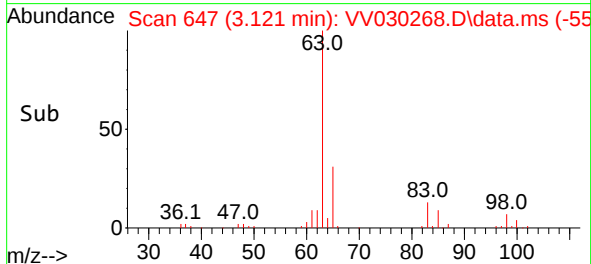
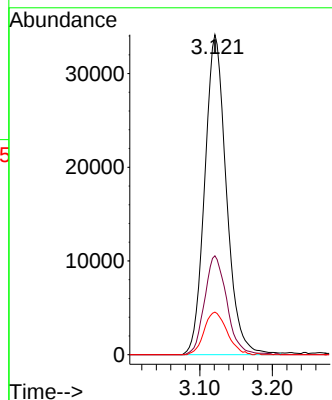
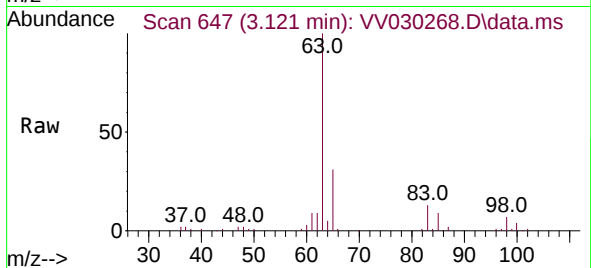
Tgt Ion: 63 Resp: 70754

Ion Ratio Lower Upper

63 100

65 30.9 23.0 42.8

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 52.070 ug/L

RT: 3.892 min Scan# 887

Delta R.T. -0.003 min

Lab File: VV030268.D

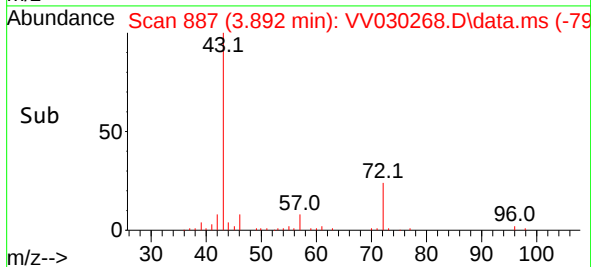
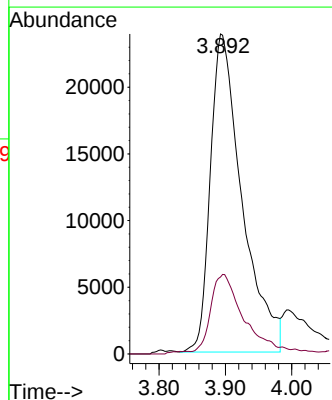
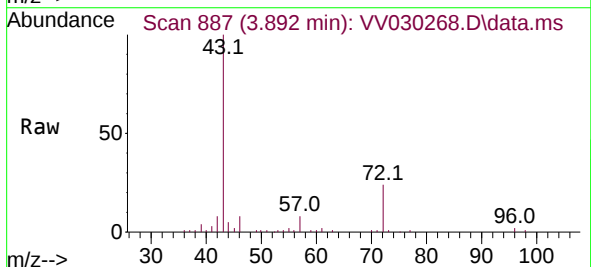
Acq: 20 Mar 2023 19:34

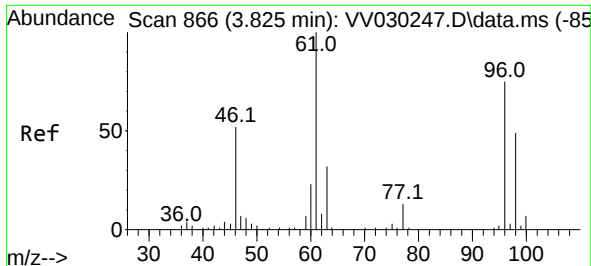
Tgt Ion: 43 Resp: 79120

Ion Ratio Lower Upper

43 100

72 24.8 15.1 45.3



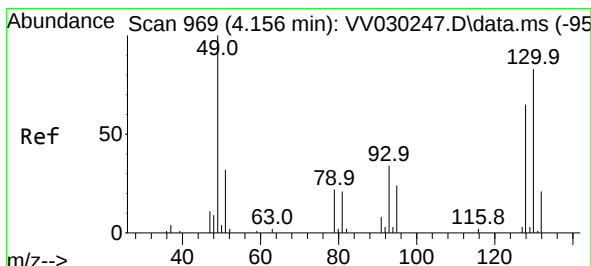
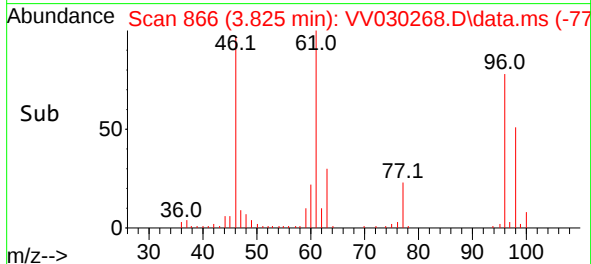
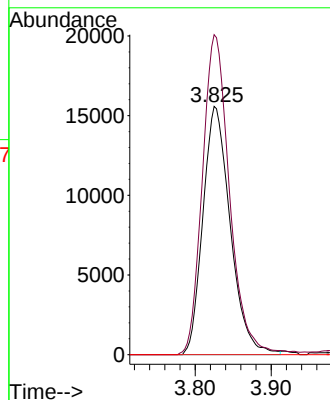
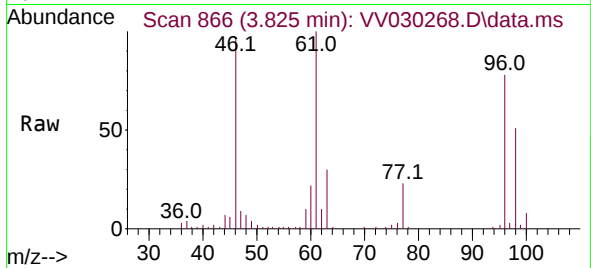


#22
 cis-1,2-Dichloroethene
 Concen: 4.310 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MS

Tgt Ion: 96 Resp: 38970

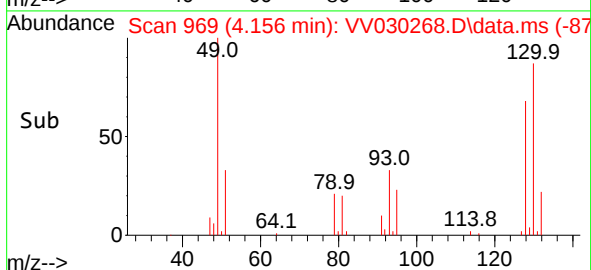
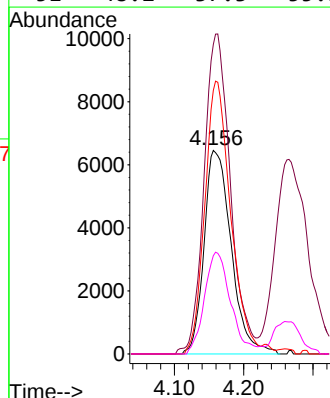
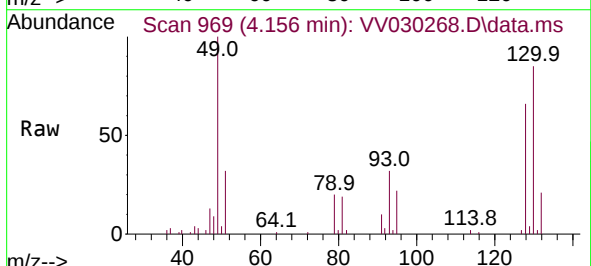
Ion	Ratio	Lower	Upper
96	100		
61	128.9	83.4	154.8
68	0.0	0.0	0.0

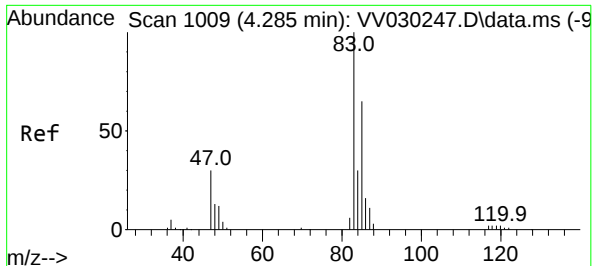


#23
 Bromochloromethane
 Concen: 4.545 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Tgt Ion: 128 Resp: 17562

Ion	Ratio	Lower	Upper
128	100		
49	152.0	99.5	184.9
130	129.5	90.5	168.1
51	48.2	37.3	55.9





#25

Chloroform

Concen: 4.924 ug/L

RT: 4.291 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

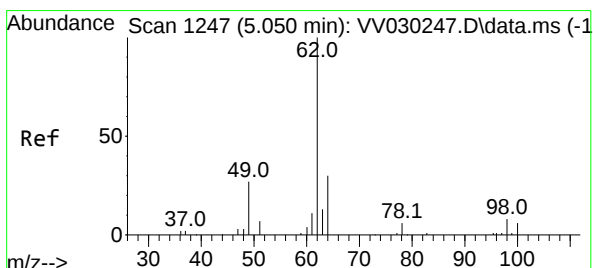
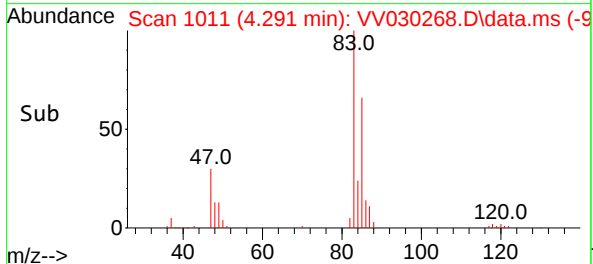
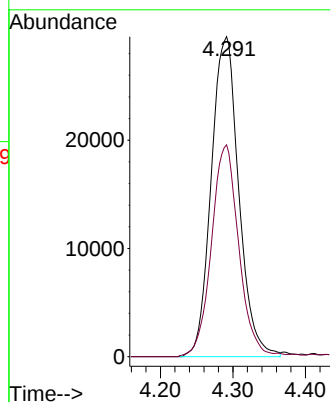
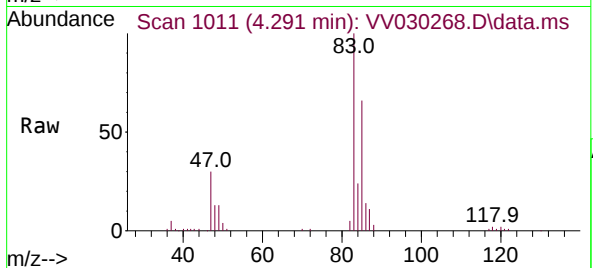
C0BC9MS

Tgt Ion: 83 Resp: 78054

Ion Ratio Lower Upper

83 100

85 66.2 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.725 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VV030268.D

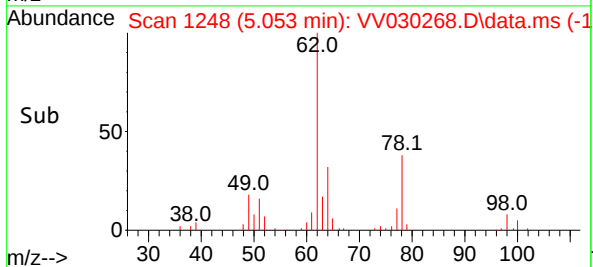
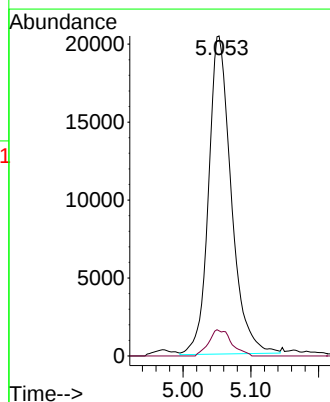
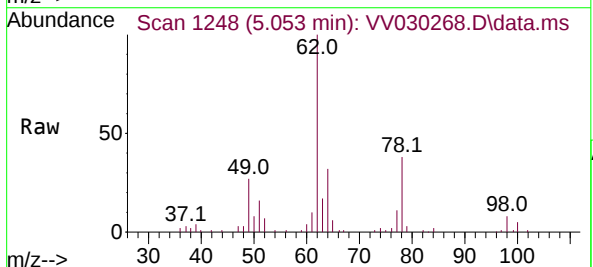
Acq: 20 Mar 2023 19:34

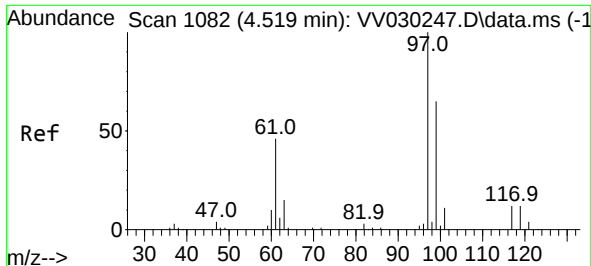
Tgt Ion: 62 Resp: 47475

Ion Ratio Lower Upper

62 100

98 7.8 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 4.946 ug/L

RT: 4.526 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

C0BC9MS

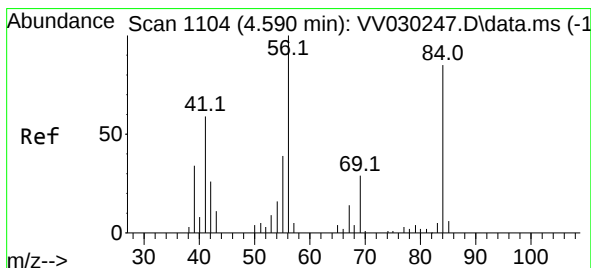
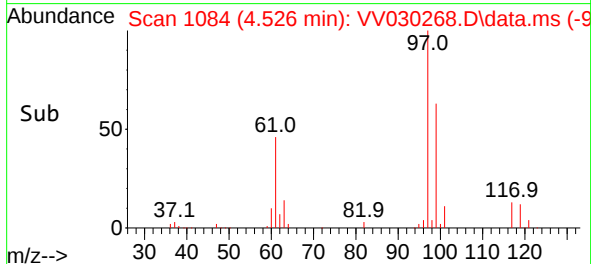
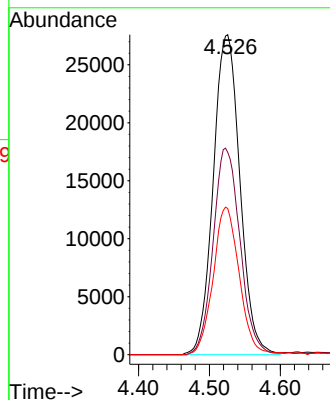
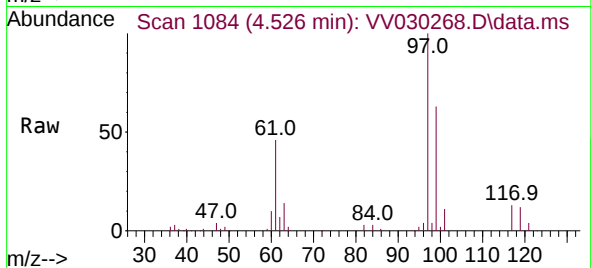
Tgt Ion: 97 Resp: 72213

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 45.0 31.5 47.3



#30

Cyclohexane

Concen: 3.837 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

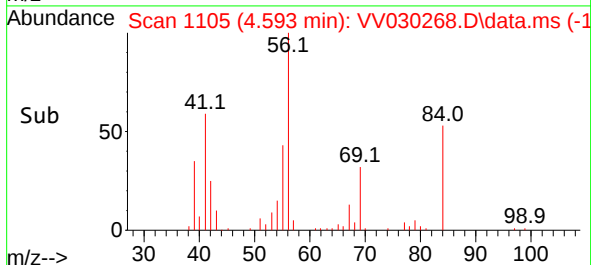
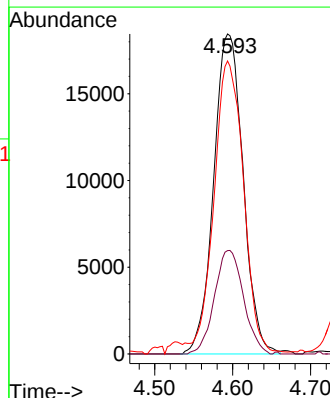
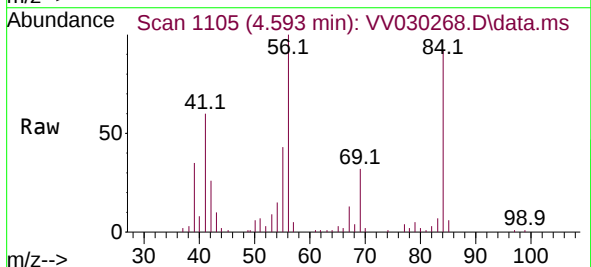
Tgt Ion: 56 Resp: 48410

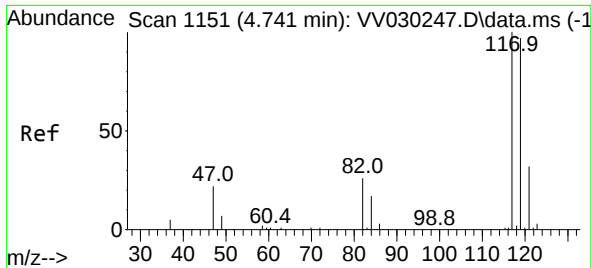
Ion Ratio Lower Upper

56 100

69 31.9 25.1 37.7

84 90.9 74.6 111.8

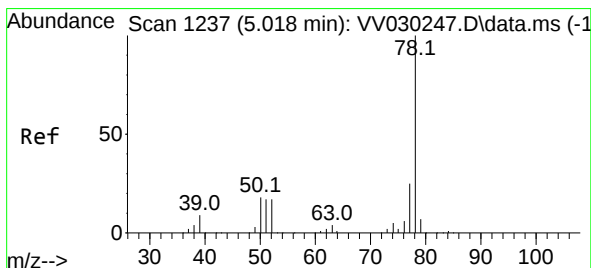
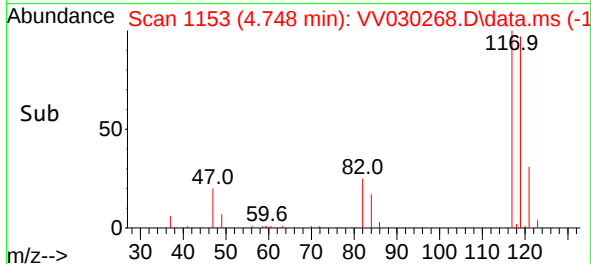
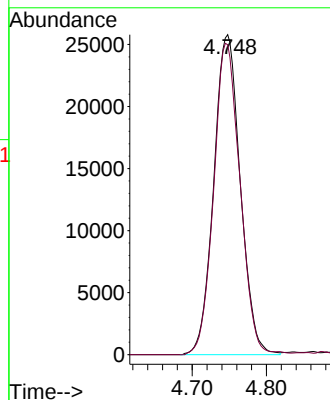
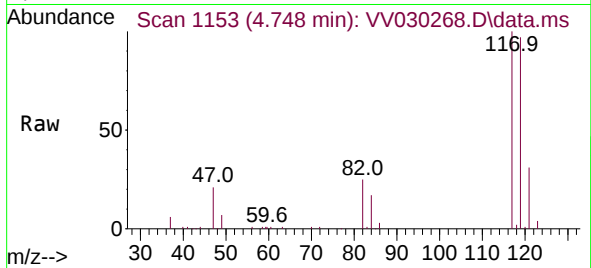




#31
Carbon tetrachloride
Concen: 4.881 ug/L
RT: 4.748 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

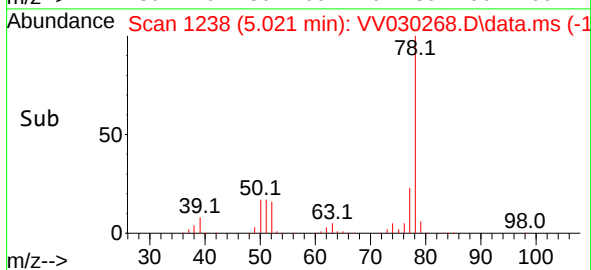
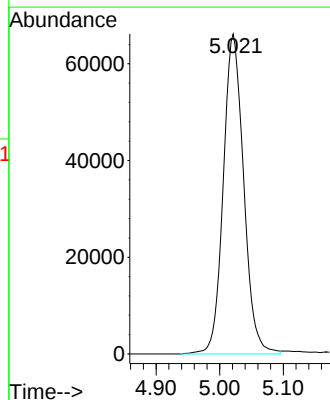
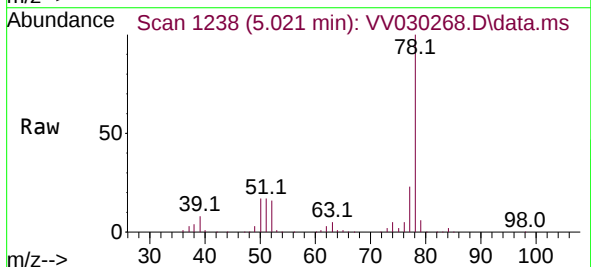
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

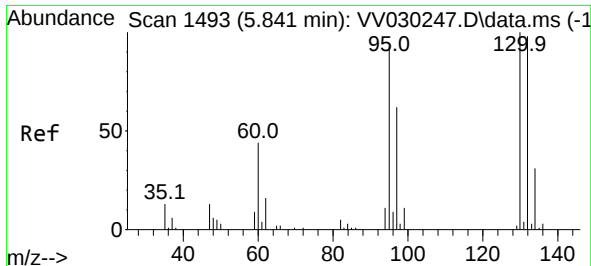
Tgt Ion:117 Resp: 64057
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 4.345 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 78 Resp: 147503



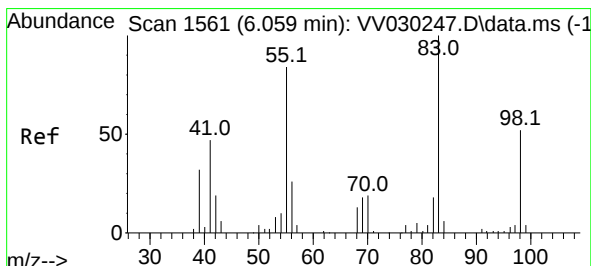
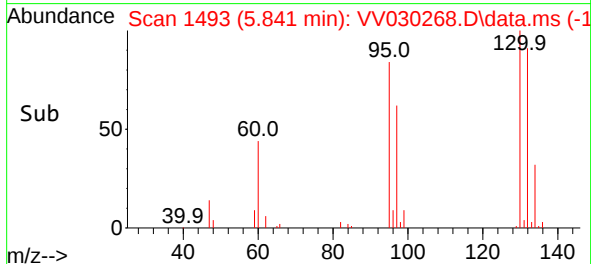
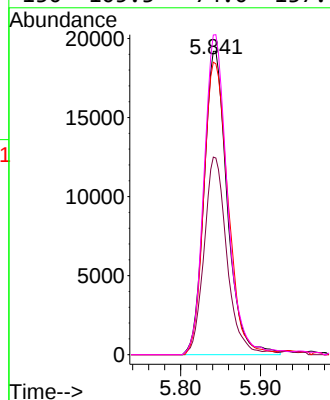
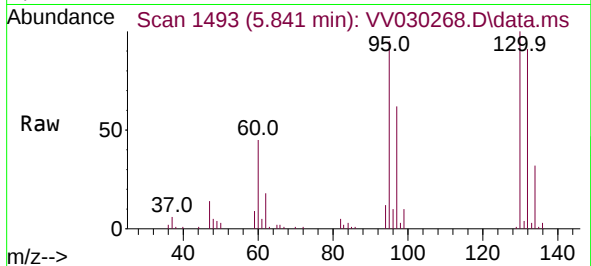


#34
Trichloroethene
Concen: 4.098 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

Tgt Ion: 95 Resp: 38980

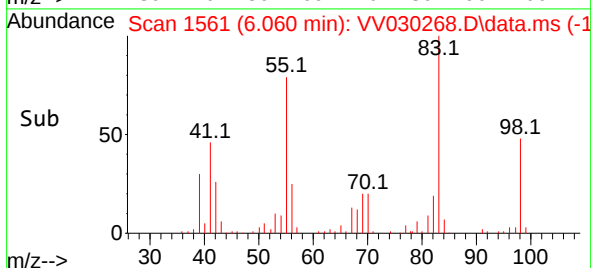
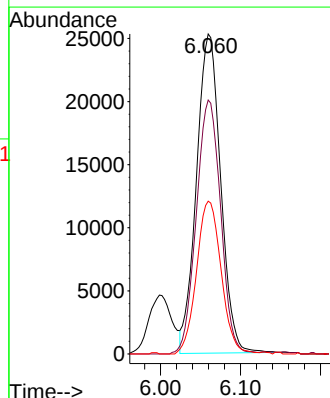
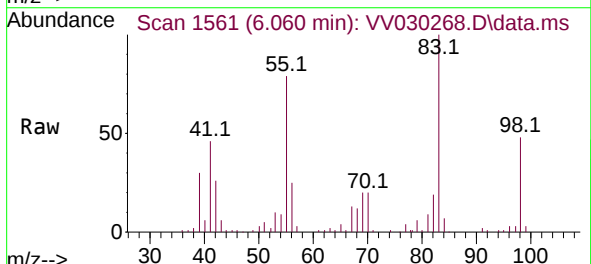
Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.5	86.5
132	96.4	71.7	133.3
130	105.3	74.0	137.4

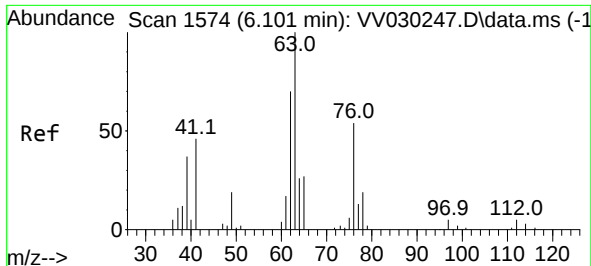


#35
Methylcyclohexane
Concen: 3.702 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 83 Resp: 53293

Ion	Ratio	Lower	Upper
83	100		
55	80.1	57.6	86.4
98	48.7	38.8	58.2





#37

1,2-Dichloropropane

Concen: 4.395 ug/L

RT: 6.105 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

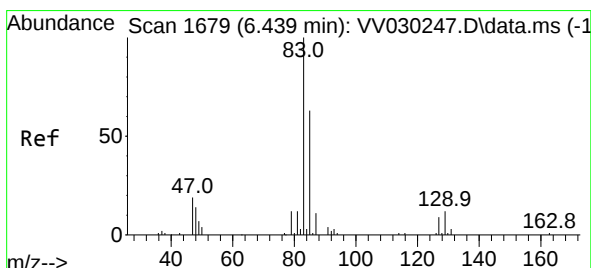
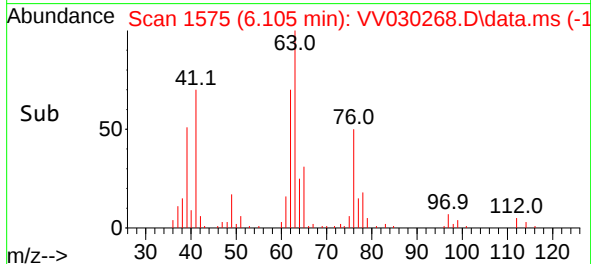
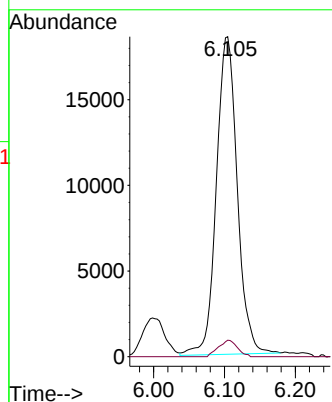
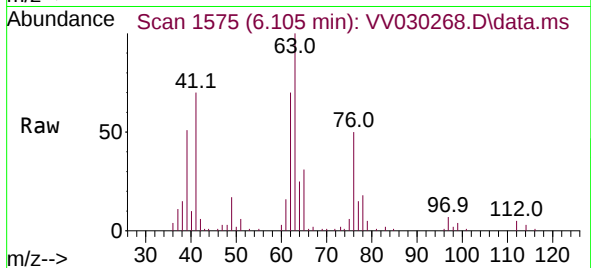
C0BC9MS

Tgt Ion: 63 Resp: 37956

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.857 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

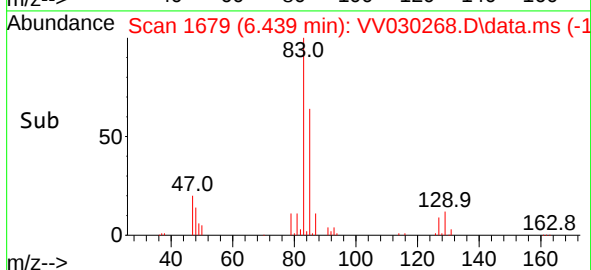
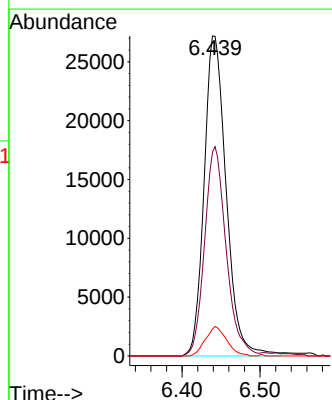
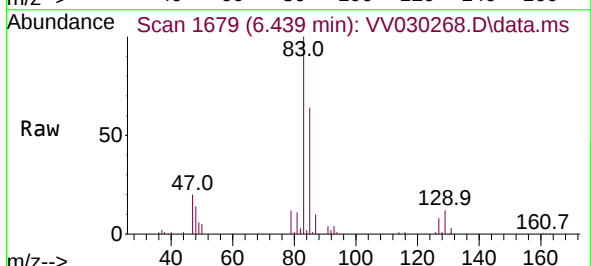
Tgt Ion: 83 Resp: 53550

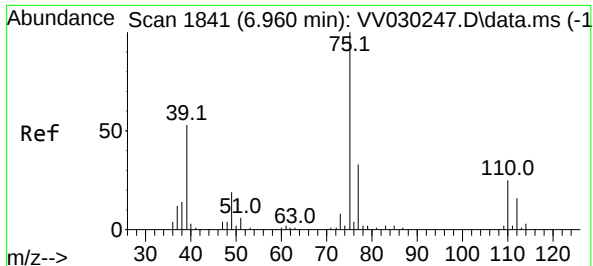
Ion Ratio Lower Upper

83 100

85 63.7 44.3 82.3

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.210 ug/L

RT: 6.963 min Scan# 1841

Delta R.T. 0.003 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

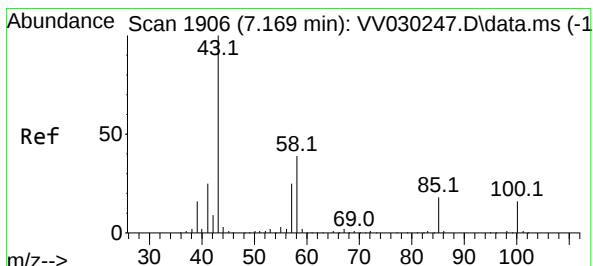
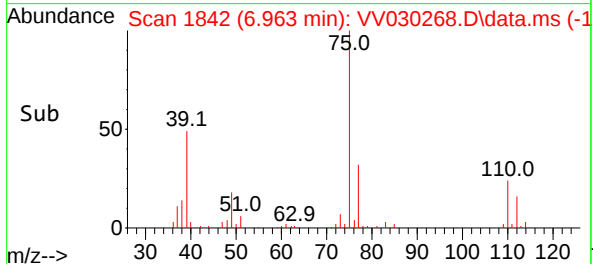
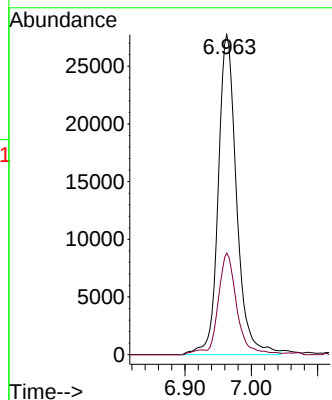
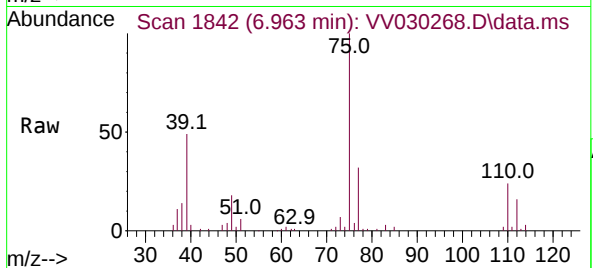
C0BC9MS

Tgt Ion: 75 Resp: 53228

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 59.969 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

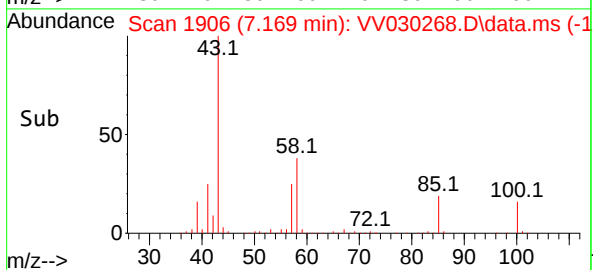
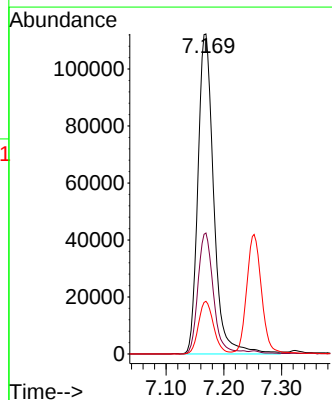
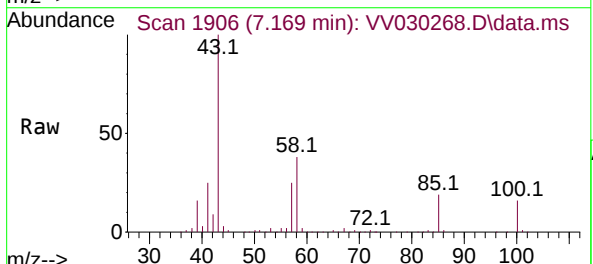
Tgt Ion: 43 Resp: 213708

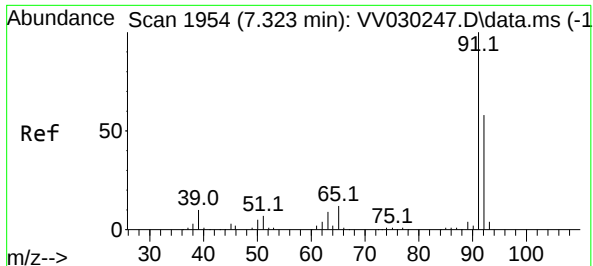
Ion Ratio Lower Upper

43 100

58 37.2 35.3 52.9

100 15.8 14.7 22.1





#42

Toluene

Concen: 4.514 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

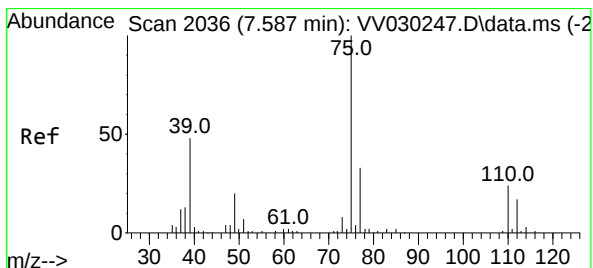
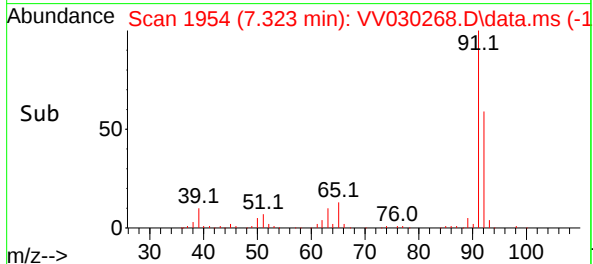
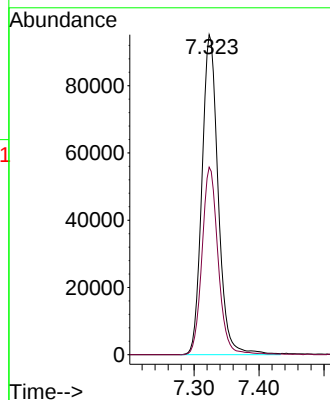
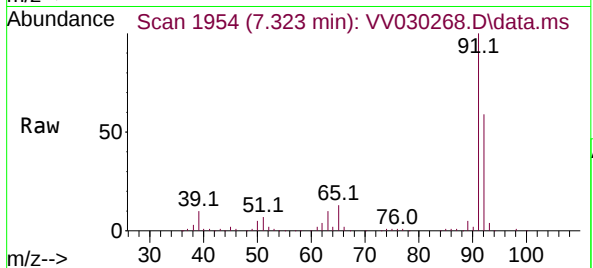
C0BC9MS

Tgt Ion: 91 Resp: 165964

Ion Ratio Lower Upper

91 100

92 58.6 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 4.615 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.003 min

Lab File: VV030268.D

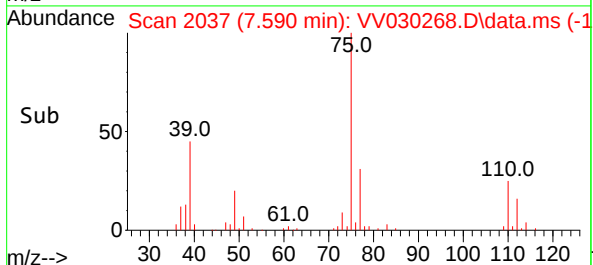
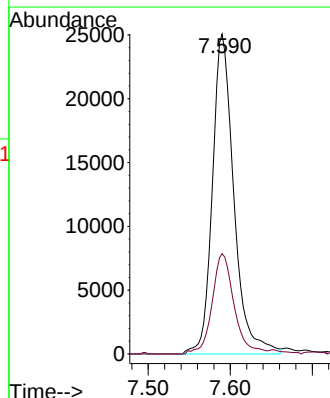
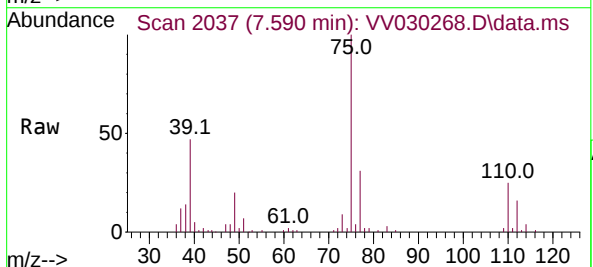
Acq: 20 Mar 2023 19:34

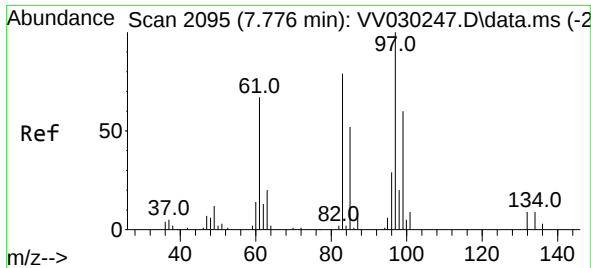
Tgt Ion: 75 Resp: 45550

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1

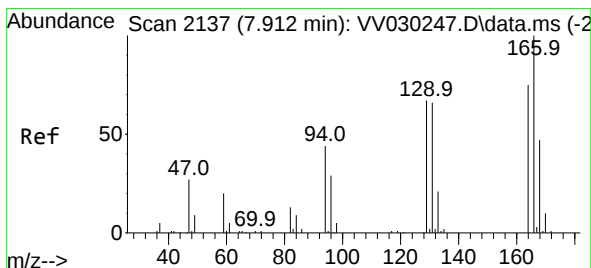
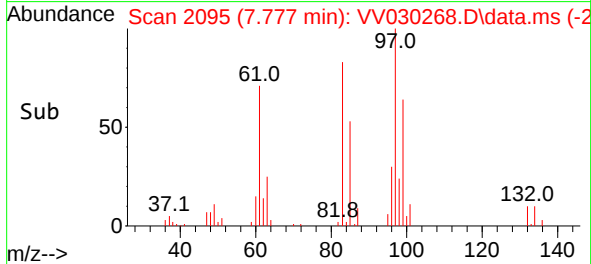
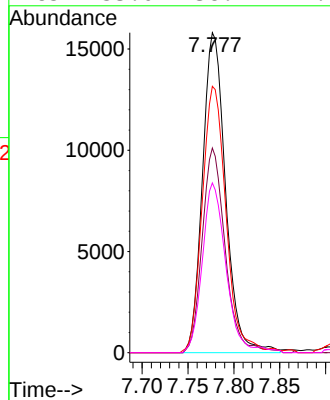
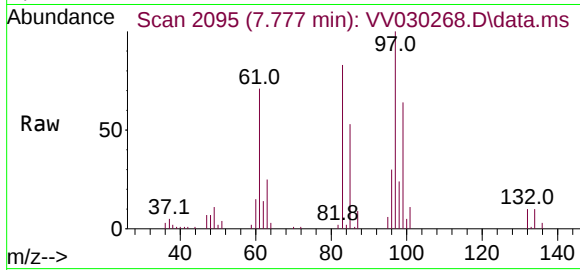




#45
1,1,2-Trichloroethane
Concen: 4.477 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

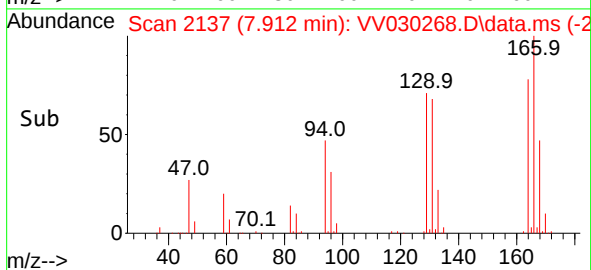
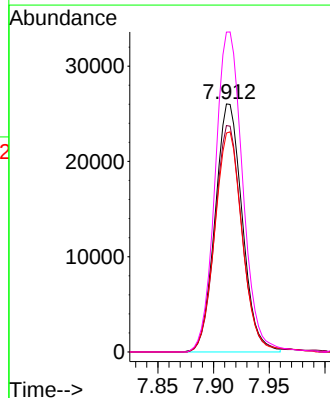
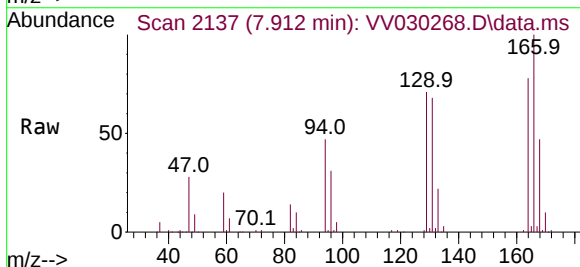
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

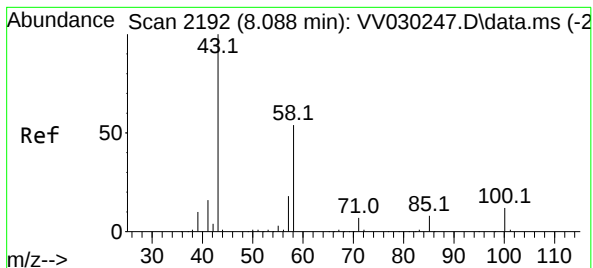
Tgt Ion: 97	Resp: 27666
Ion Ratio	Lower Upper
97 100	
99 64.0	42.6 79.2
83 83.2	57.7 107.3
85 53.0	38.9 72.2



#47
Tetrachloroethene
Concen: 5.415 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt	Ion:164	Resp:	44216
Ion	Ratio	Lower	Upper
164	100		
129	91.2	63.6	118.2
131	88.2	61.7	114.7
166	128.9	90.8	168.6





#48

2-Hexanone

Concen: 60.913 ug/L

RT: 8.085 min Scan# 2192

Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

C0BC9MS

Tgt Ion: 43 Resp: 155402

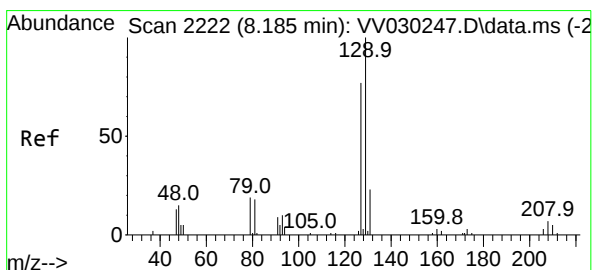
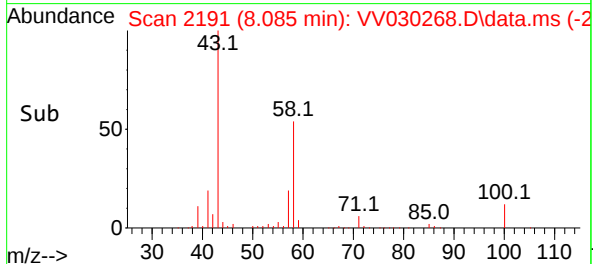
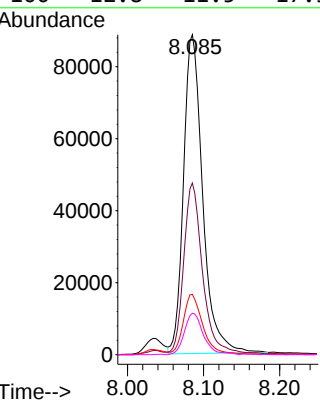
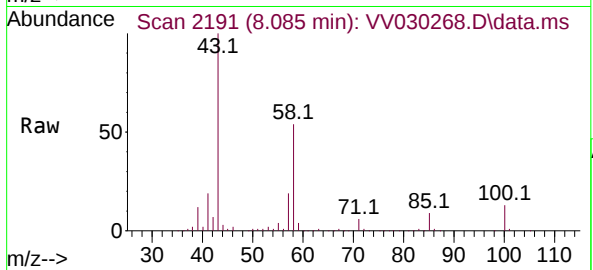
Ion Ratio Lower Upper

43 100

58 52.7 49.8 74.8

57 18.8 16.6 24.8

100 12.8 11.5 17.3



#49

Dibromochloromethane

Concen: 4.575 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.000 min

Lab File: VV030268.D

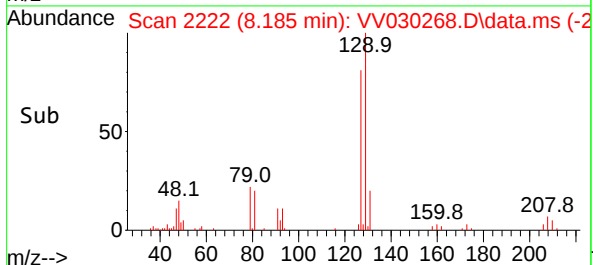
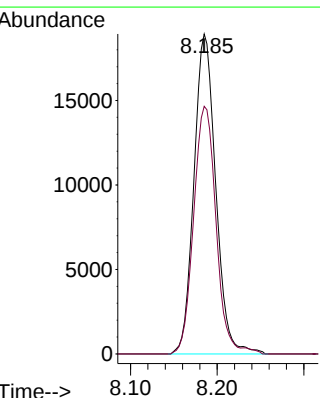
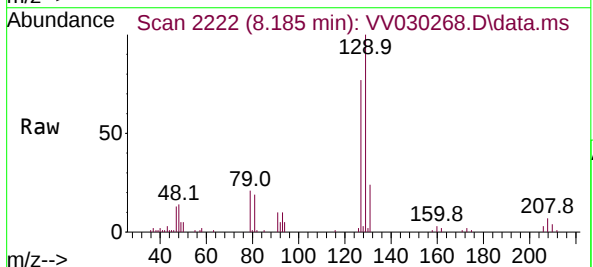
Acq: 20 Mar 2023 19:34

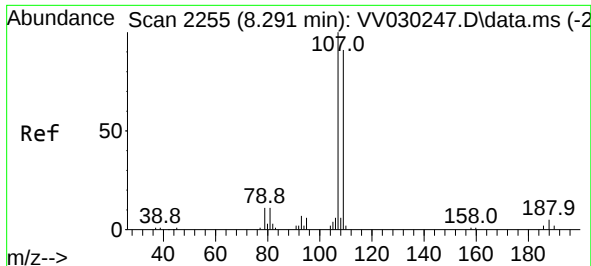
Tgt Ion: 129 Resp: 33081

Ion Ratio Lower Upper

129 100

127 77.4 54.7 101.5





#50

1,2-Dibromoethane

Concen: 4.275 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

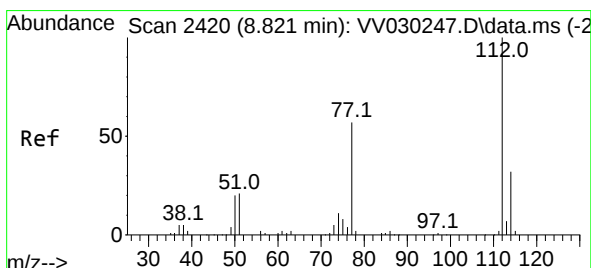
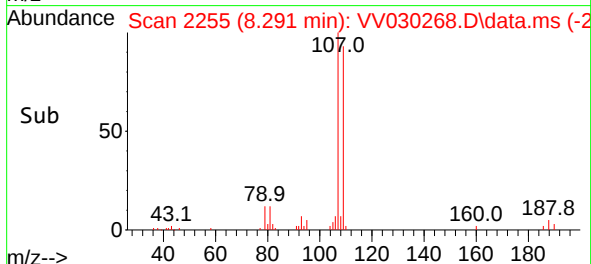
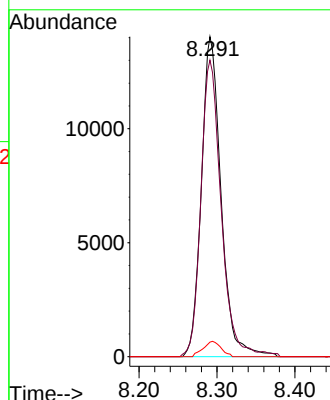
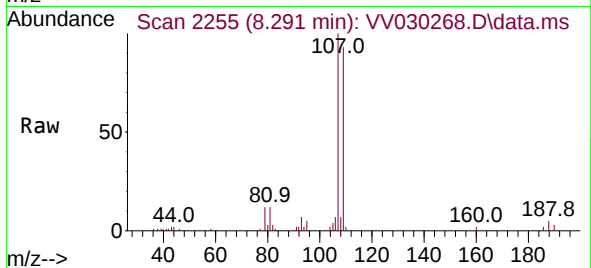
Instrument :

MSVOA_V

ClientSampleId :

C0BC9MS

Tgt Ion:107	Resp:	24650
Ion Ratio	Lower	Upper
107	100	
109	92.6	63.3 117.7
188	4.6	3.0 4.6#



#51

Chlorobenzene

Concen: 4.379 ug/L

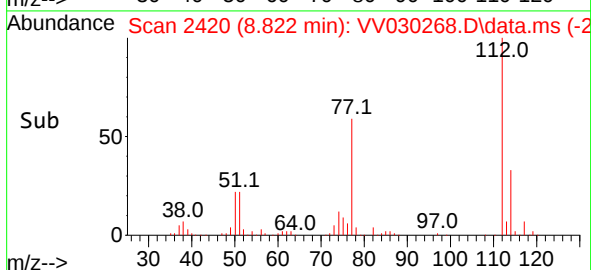
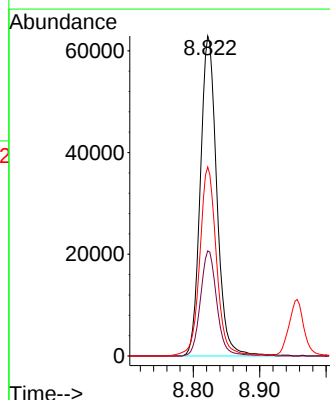
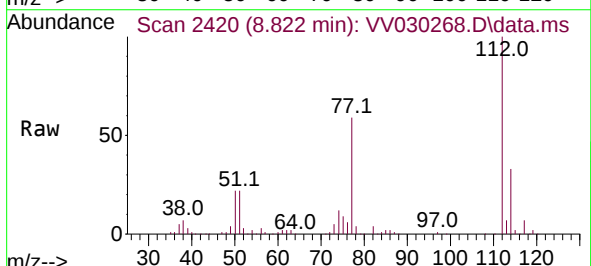
RT: 8.822 min Scan# 2420

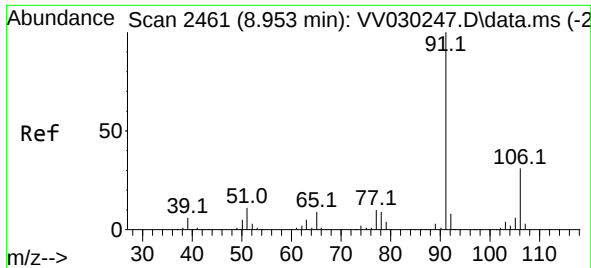
Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Tgt Ion:112	Resp:	108568
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.5 41.7
77	59.0	45.3 67.9

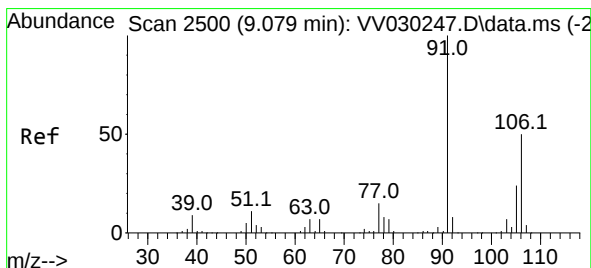
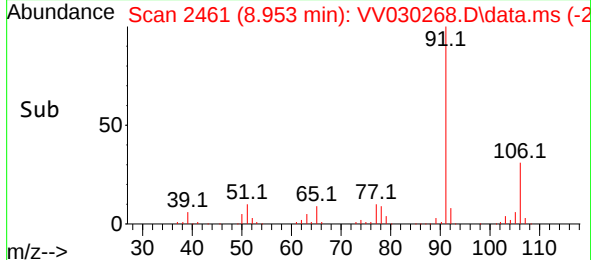
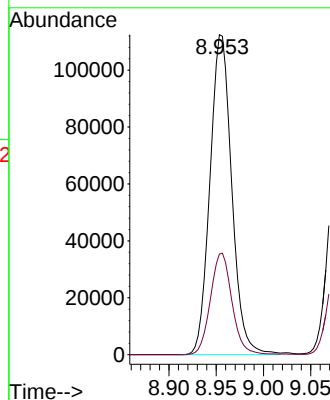
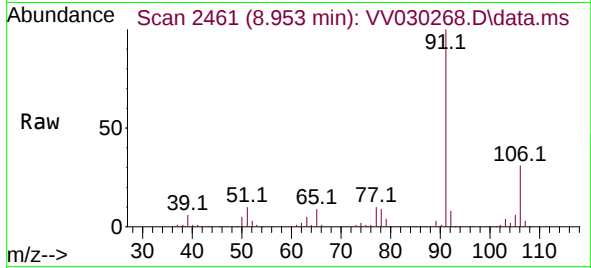




#52
Ethylbenzene
Concen: 4.503 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

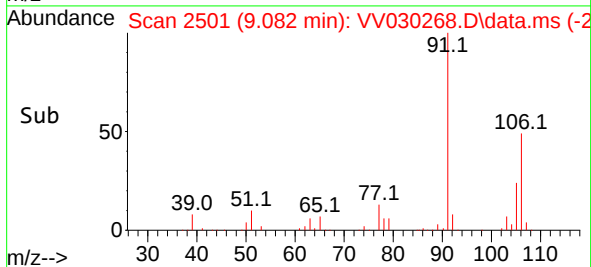
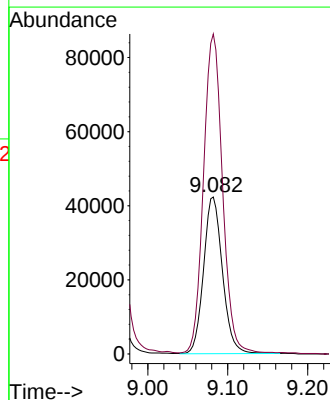
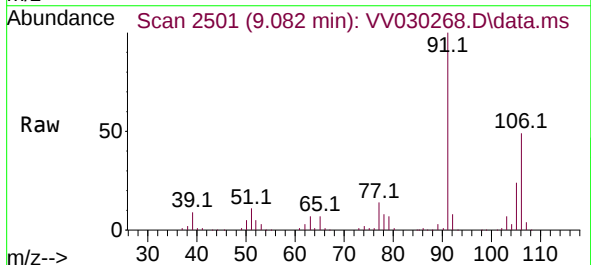
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

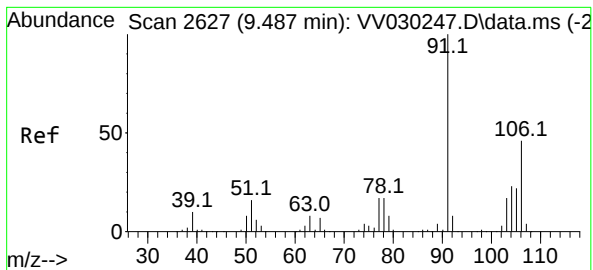
Tgt Ion: 91 Resp: 180165
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 4.516 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 106 Resp: 69450
Ion Ratio Lower Upper
106 100
91 203.9 142.5 264.7





#54

o-Xylene

Concen: 4.678 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

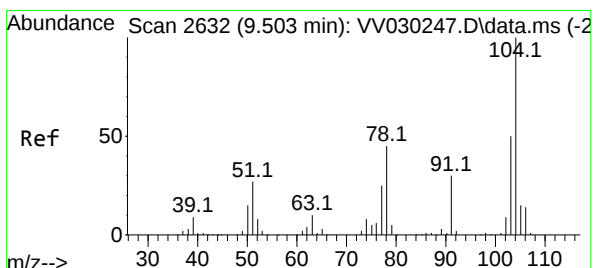
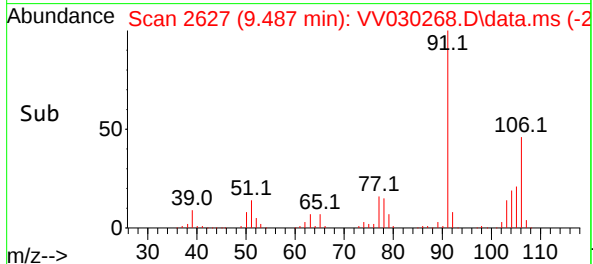
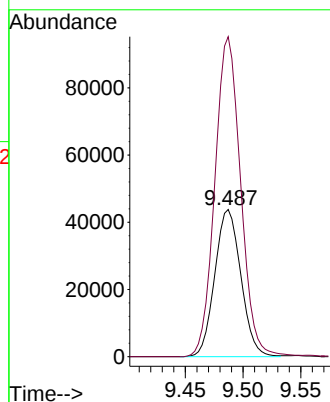
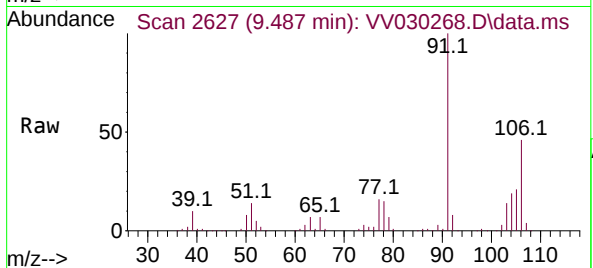
C0BC9MS

Tgt Ion:106 Resp: 68720

Ion Ratio Lower Upper

106 100

91 217.3 148.8 276.4



#55

Styrene

Concen: 4.946 ug/L

RT: 9.503 min Scan# 2632

Delta R.T. 0.000 min

Lab File: VV030268.D

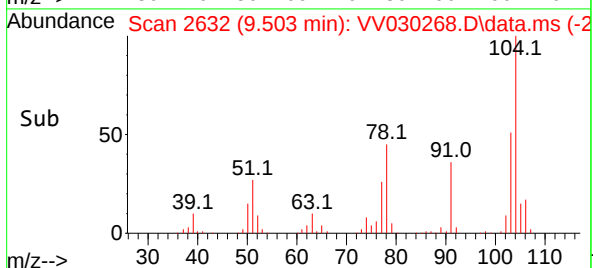
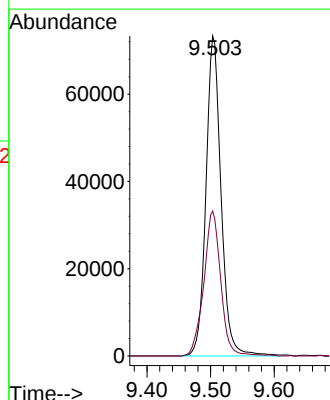
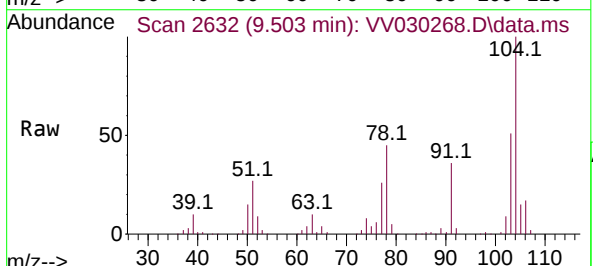
Acq: 20 Mar 2023 19:34

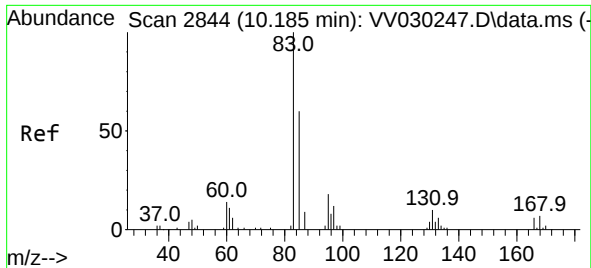
Tgt Ion:104 Resp: 120829

Ion Ratio Lower Upper

104 100

78 45.3 31.1 57.9

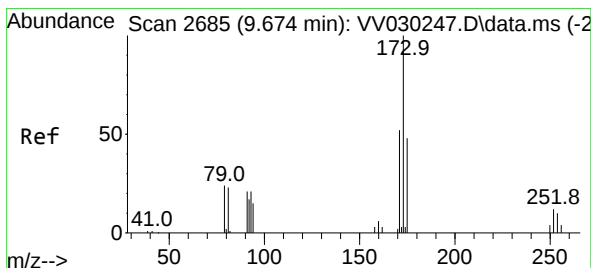
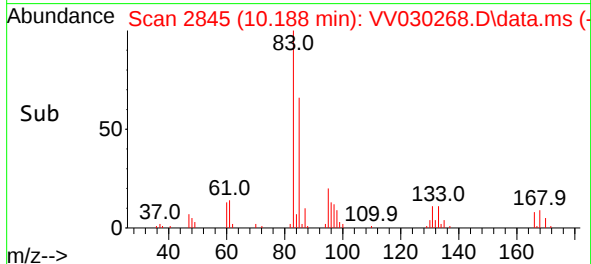
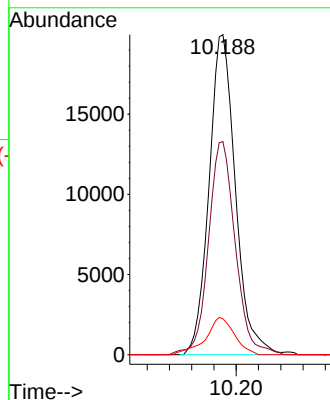
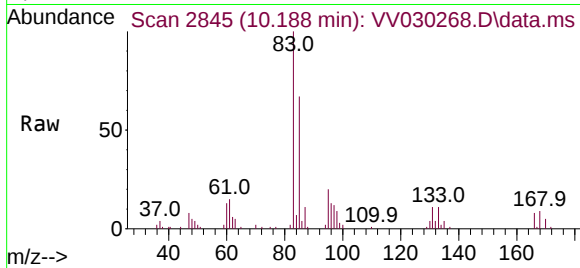




#57
1,1,2,2-Tetrachloroethane
Concen: 4.747 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

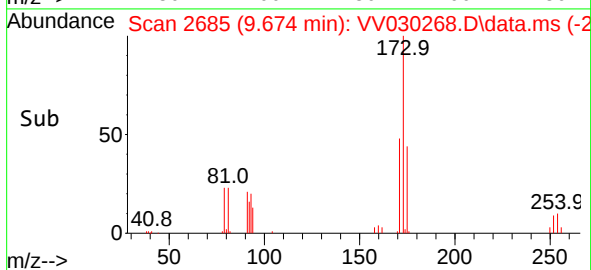
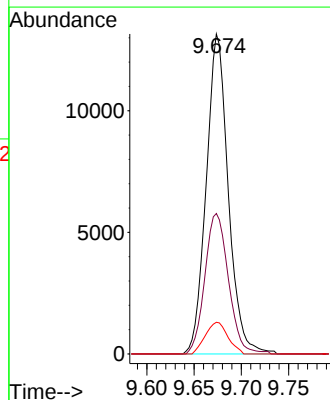
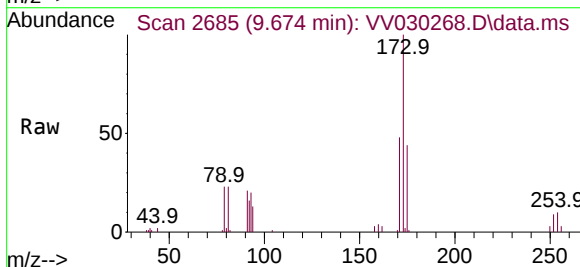
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

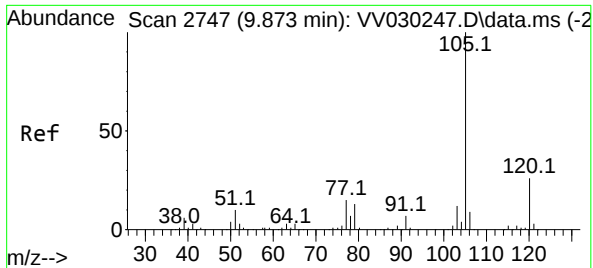
Tgt Ion: 83 Resp: 32813
Ion Ratio Lower Upper
83 100
85 66.6 45.0 83.6
131 11.2 8.2 12.4



#59
Bromoform
Concen: 4.919 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 173 Resp: 21375
Ion Ratio Lower Upper
173 100
175 46.9 38.5 57.7
254 10.1 8.6 13.0

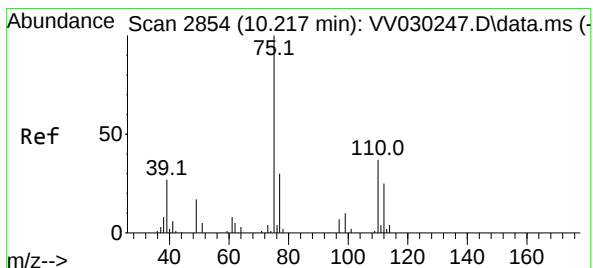
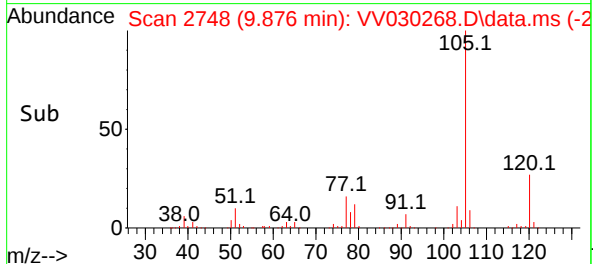
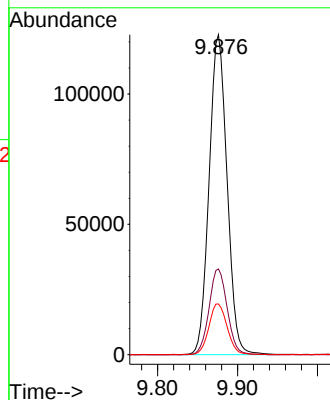
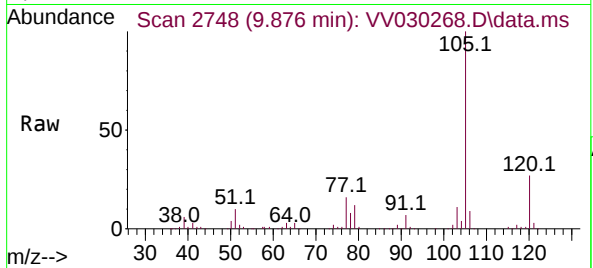




#60
Isopropylbenzene
Concen: 4.588 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

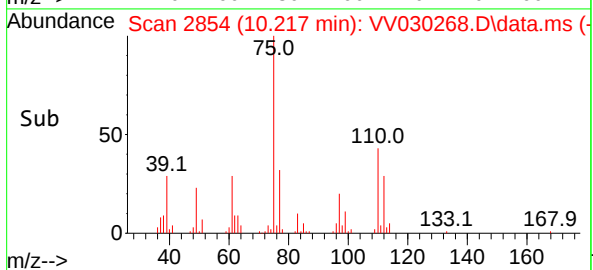
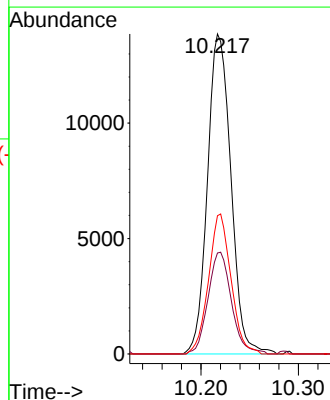
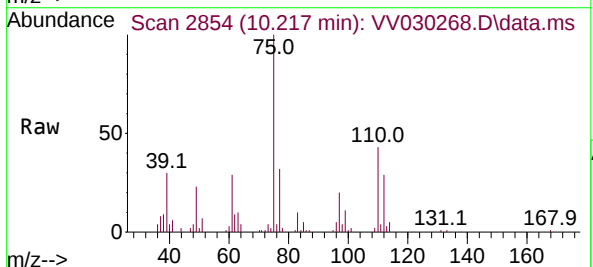
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

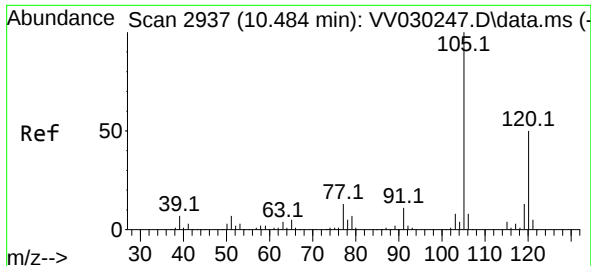
Tgt Ion:105 Resp: 191402
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 16.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 4.782 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 75 Resp: 23206
Ion Ratio Lower Upper
75 100
77 31.7 26.5 39.7
110 41.9 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.533 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV030268.D

Acq: 20 Mar 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

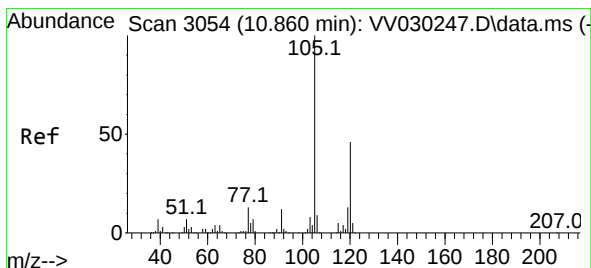
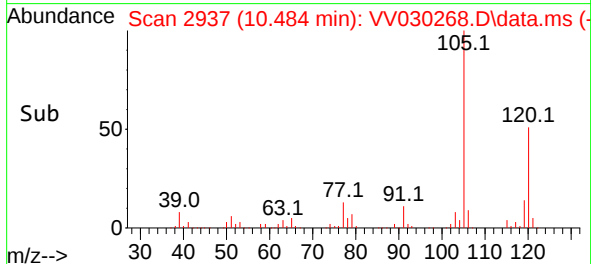
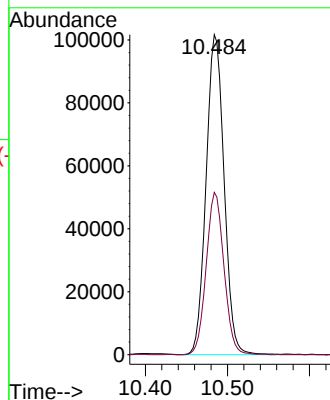
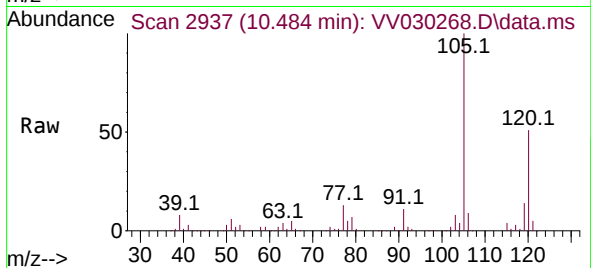
C0BC9MS

Tgt Ion:105 Resp: 155342

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.649 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030268.D

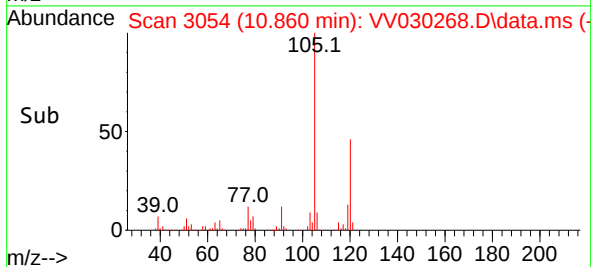
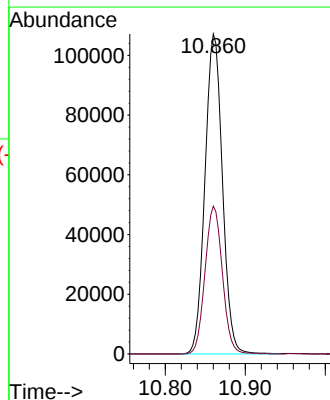
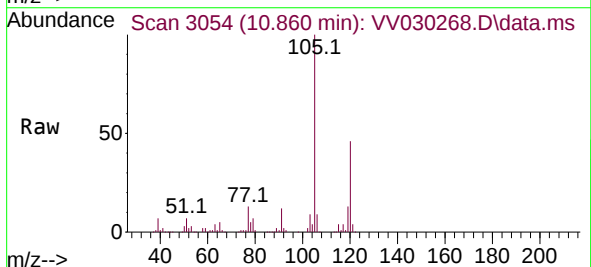
Acq: 20 Mar 2023 19:34

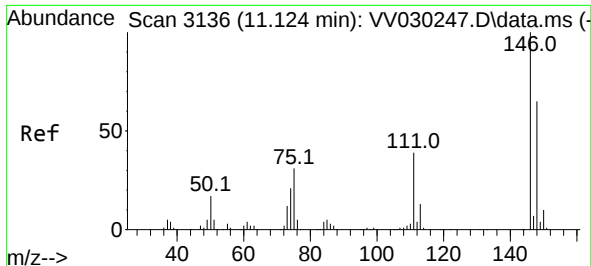
Tgt Ion:105 Resp: 162983

Ion Ratio Lower Upper

105 100

120 46.0 36.2 54.4

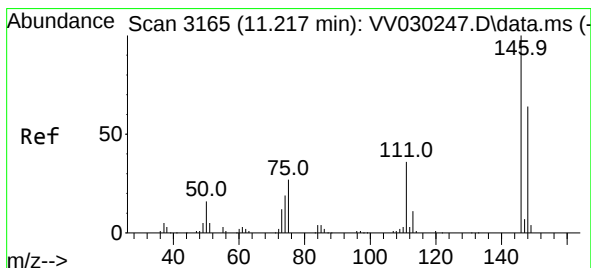
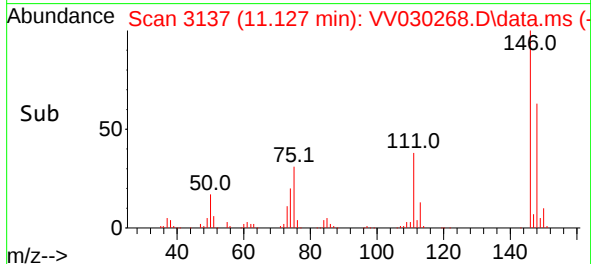
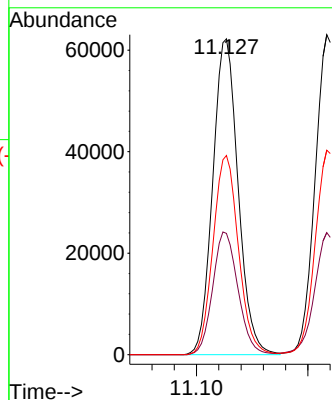
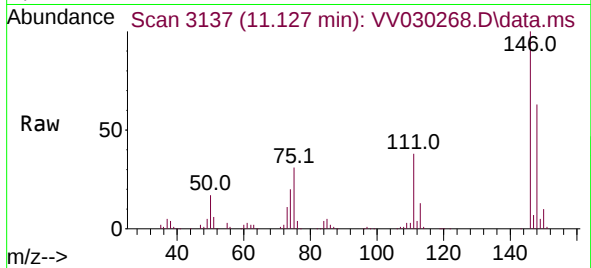




#64
 1,3-Dichlorobenzene
 Concen: 4.527 ug/L
 RT: 11.127 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

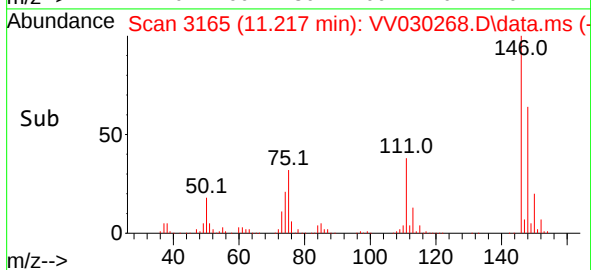
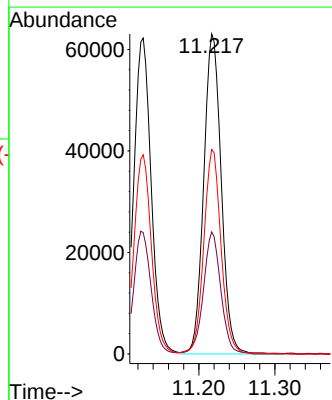
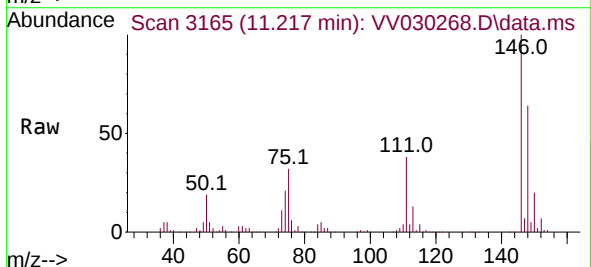
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MS

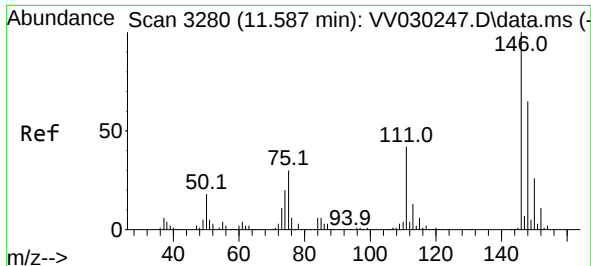
Tgt Ion:146 Resp: 98336
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.7 51.5
 148 63.1 44.5 82.7



#65
 1,4-Dichlorobenzene
 Concen: 4.602 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Tgt Ion:146 Resp: 100858
 Ion Ratio Lower Upper
 146 100
 111 38.2 27.4 51.0
 148 63.9 44.1 81.9

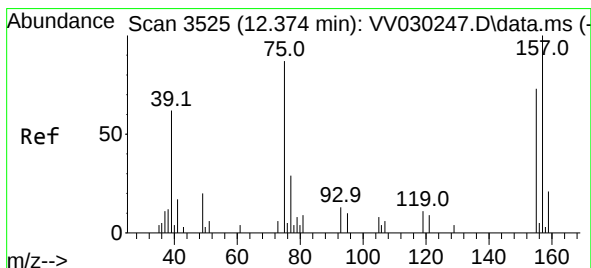
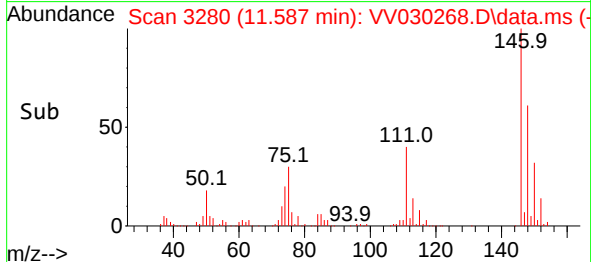
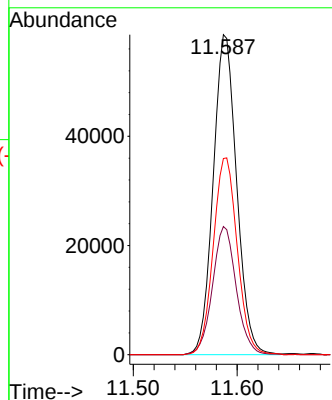
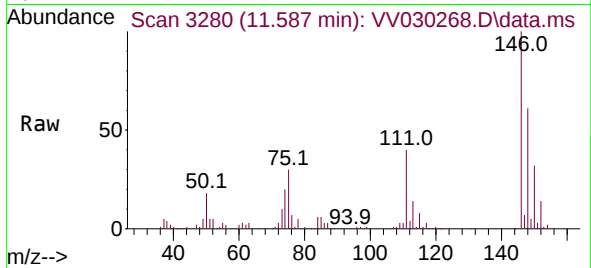




#67
1,2-Dichlorobenzene
Concen: 4.803 ug/L
RT: 11.587 min Scan# 3114
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

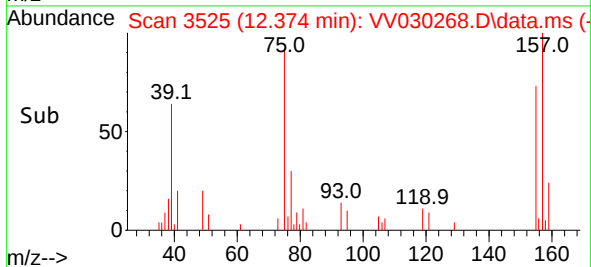
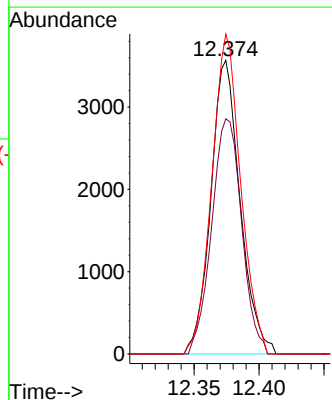
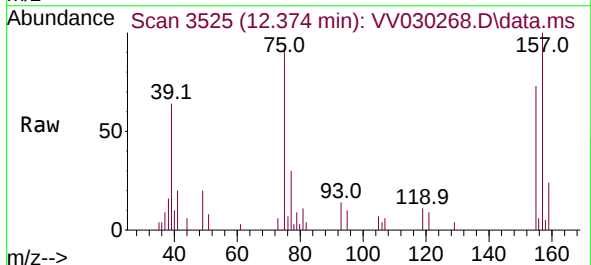
Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

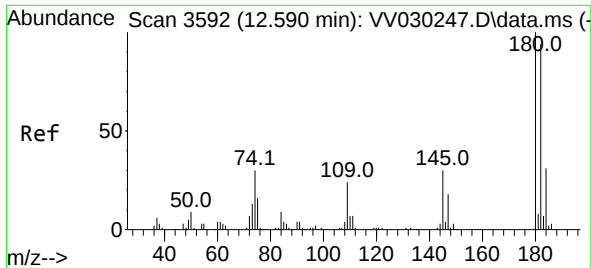
Tgt Ion:146 Resp: 92114
Ion Ratio Lower Upper
146 100
111 40.1 33.5 50.3
148 61.3 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.159 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion: 75 Resp: 5591
Ion Ratio Lower Upper
75 100
155 80.1 79.1 118.7
157 109.0 95.5 143.3



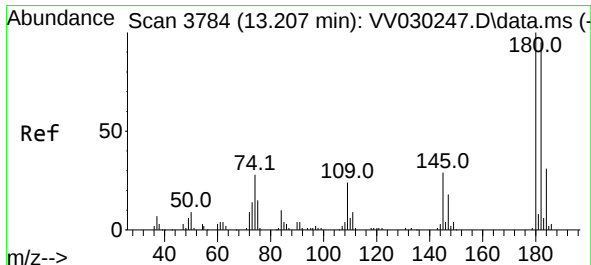
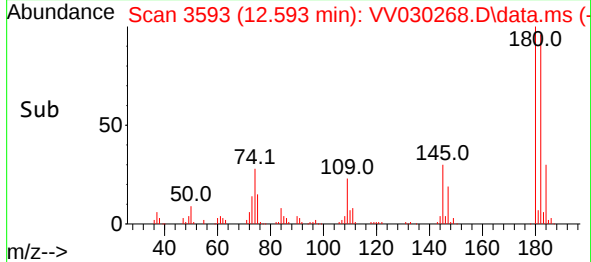
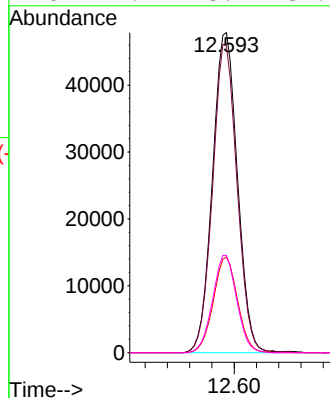
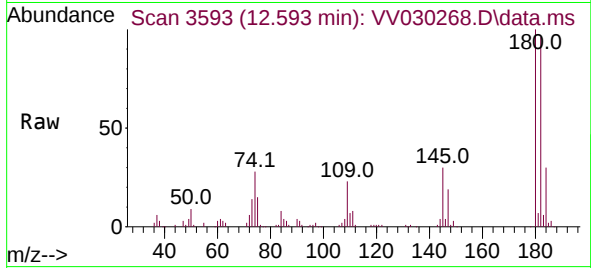


#69
 1,3,5-Trichlorobenzene
 Concen: 4.163 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MS

Tgt Ion:180 Resp: 74329

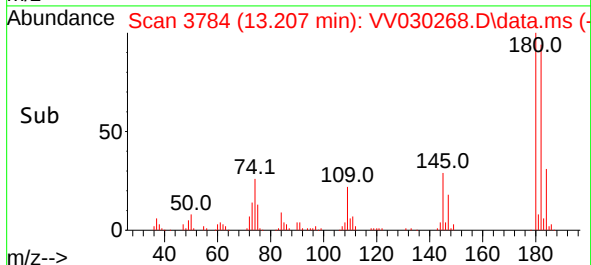
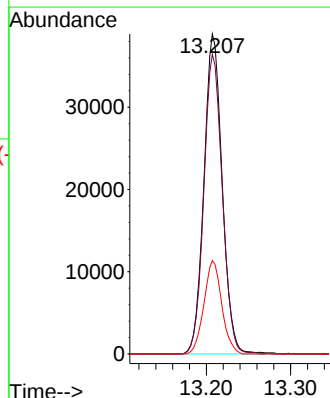
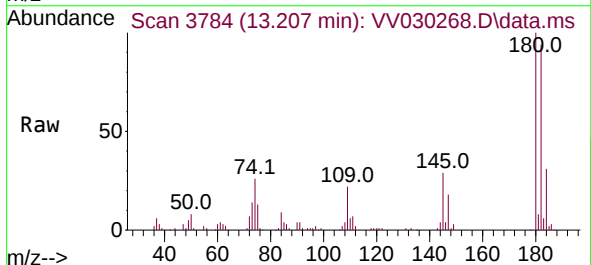
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.5	114.7
184	29.0	24.3	36.5
145	29.4	23.1	34.7

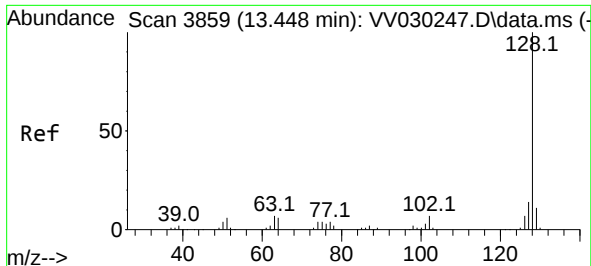


#70
 1,2,4-trichlorobenzene
 Concen: 4.066 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV030268.D
 Acq: 20 Mar 2023 19:34

Tgt Ion:180 Resp: 58824

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.3	115.9
145	28.4	23.1	34.7

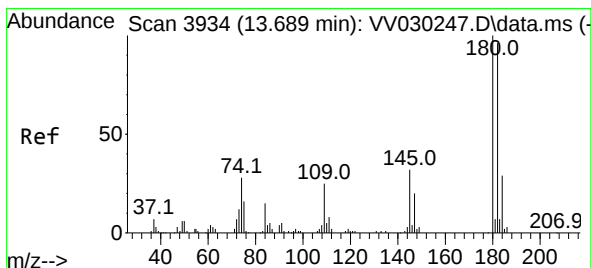
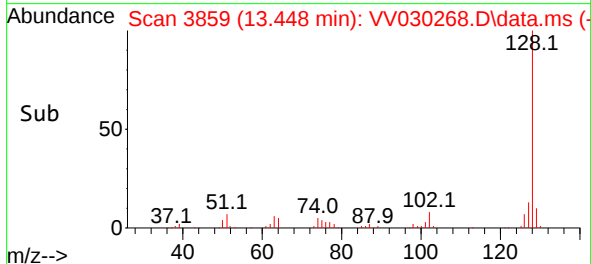
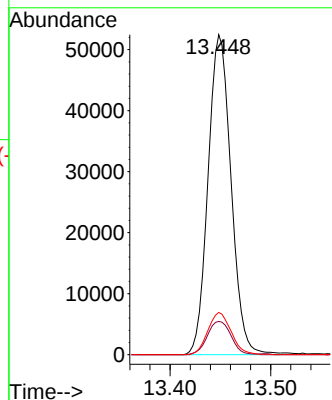
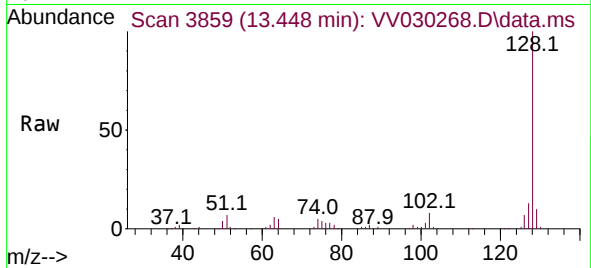




#71
Naphthalene
Concen: 4.409 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Instrument :
MSVOA_V
ClientSampleId :
C0BC9MS

Tgt Ion:128 Resp: 83347
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.235 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030268.D
Acq: 20 Mar 2023 19:34

Tgt Ion:180 Resp: 50435
Ion Ratio Lower Upper
180 100
182 93.0 76.2 114.2
145 30.8 25.1 37.7

