

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031542.D
 Acq On : 15 Jun 2023 19:28
 Operator : SY/MD
 Sample : 03249-10MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MS

Quant Time: Jun 16 02:51:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237125	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	138377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	60923	38.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.200%
7) Chloroethane-d5	1.535	69	58731	42.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.300%
11) 1,1-Dichloroethene-d2	2.066	65	31872	39.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.380%
21) 2-Butanone-d5	3.799	46	124622	97.523	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.520%
24) Chloroform-d	4.259	84	172735	43.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.950	65	114111	46.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	4.969	84	297944	45.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	5.995	67	106530	45.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	7.249	98	277780	45.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	7.558	79	53287	46.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	8.030	63	93733	101.248	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.250%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	160381	45.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.640%
66) 1,2-Dichlorobenzene-d4	11.567	152	118687	44.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	94461	37.556	ug/L	98
3) Chloromethane	1.217	50	104677	44.105	ug/L	98
5) Vinyl chloride	1.288	62	99682	42.369	ug/L	99
6) Bromomethane	1.494	94	64418	42.009	ug/L	100
8) Chloroethane	1.555	64	65120	42.854	ug/L	97
9) Trichlorofluoromethane	1.719	101	159995	40.876	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	81881	39.036	ug/L	97
12) 1,1-Dichloroethene	2.076	96	77932	44.417	ug/L	97
13) Acetone	2.127	43	82514	65.438	ug/L	98
14) Carbon disulfide	2.249	76	232571	43.821	ug/L	99
15) Methyl Acetate	2.381	43	89770	42.285	ug/L	100
16) Methylene chloride	2.455	84	98581	44.816	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	83038	45.340	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	302477	49.497	ug/L	99
19) 1,1-Dichloroethane	3.121	63	210138	53.162	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	108634	54.887	ug/L	93
22) 2-Butanone	3.883	43	132303	83.990	ug/L	98
23) Bromochloromethane	4.156	128	50930	47.604	ug/L	97
25) Chloroform	4.288	83	201748	49.098	ug/L	99

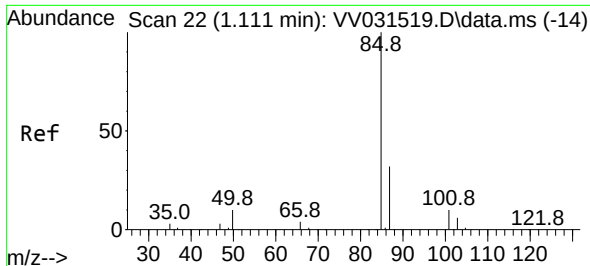
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	154360	48.673	ug/L	99
29) Cyclohexane	4.593	56	123213	40.295	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	243459	64.609	ug/L	99
31) Carbon tetrachloride	4.748	117	145690	43.636	ug/L	99
33) Benzene	5.018	78	366371	46.821	ug/L	100
34) Trichloroethene	5.841	95	97818	46.782	ug/L	97
35) Methylcyclohexane	6.059	83	116555	37.832	ug/L	99
37) 1,2-Dichloropropane	6.101	63	107132	46.625	ug/L	99
38) Bromodichloromethane	6.439	83	145489	46.845	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	164100	48.112	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	276697	102.555	ug/L	99
42) Toluene	7.323	91	391453	48.250	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	160633	48.360	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	104244	48.026	ug/L	98
46) Tetrachloroethene	7.911	164	76465	46.594	ug/L	98
48) 2-Hexanone	8.082	43	214670	99.624	ug/L	98
49) Dibromochloromethane	8.181	129	116016	48.091	ug/L	98
50) 1,2-Dibromoethane	8.288	107	112415	48.639	ug/L	99
51) Chlorobenzene	8.821	112	244288	45.463	ug/L	98
52) Ethylbenzene	8.953	91	418515	46.230	ug/L	100
53) m,p-Xylene	9.079	106	154680	46.657	ug/L	97
54) o-Xylene	9.484	106	150361	47.793	ug/L	98
55) Styrene	9.500	104	279518	49.748	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	172759	48.712	ug/L	96
59) Bromoform	9.670	173	85962	50.115	ug/L #	96
60) Isopropylbenzene	9.873	105	401092	45.466	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	132587	48.511	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	335973	46.079	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	315689	46.468	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	200023	45.225	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	210200	44.600	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	206575	46.276	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	38829	47.866	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	139827	41.490	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	123944	41.958	ug/L	100
71) Naphthalene	13.445	128	343091	45.853	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	133495	43.487	ug/L	98

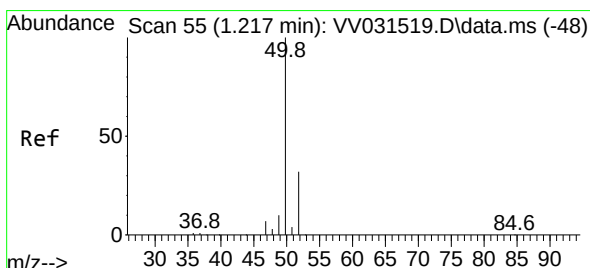
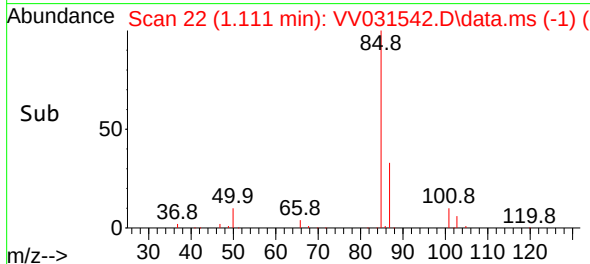
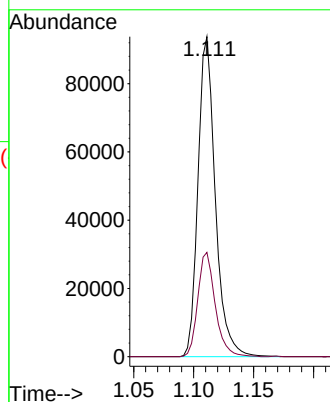
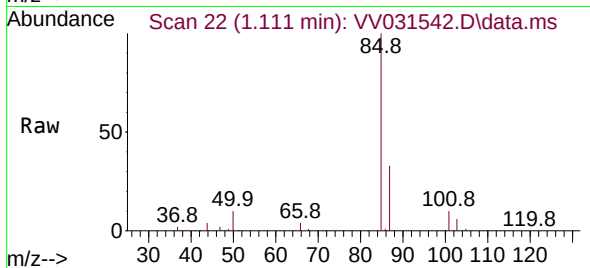
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 37.556 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

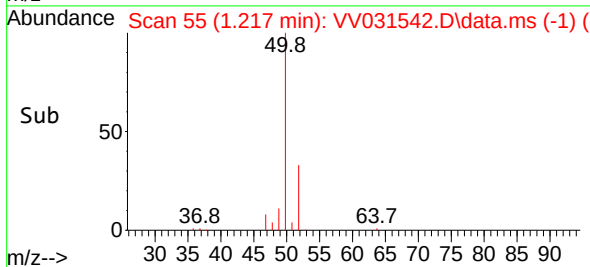
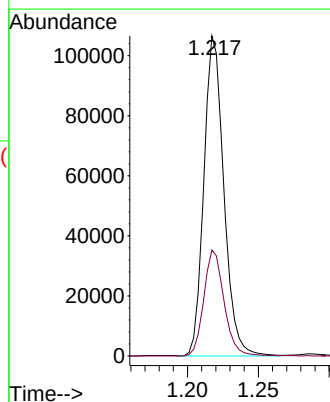
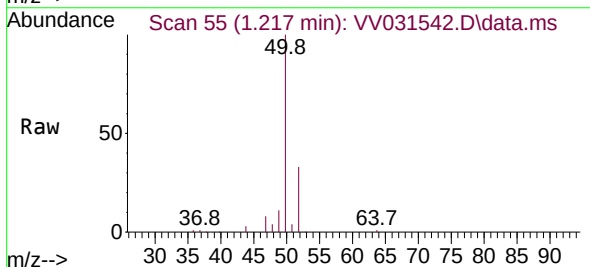
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MS

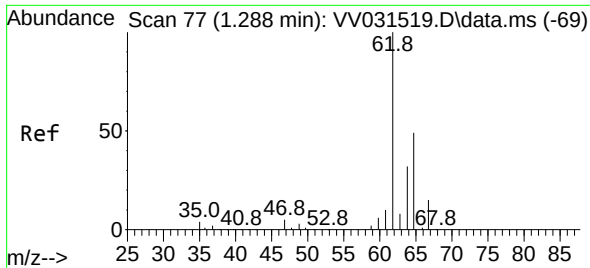
Tgt Ion: 85 Resp: 94461
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 44.105 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

Tgt Ion: 50 Resp: 104677
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.3 41.5

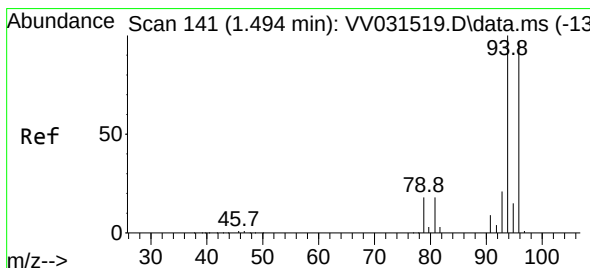
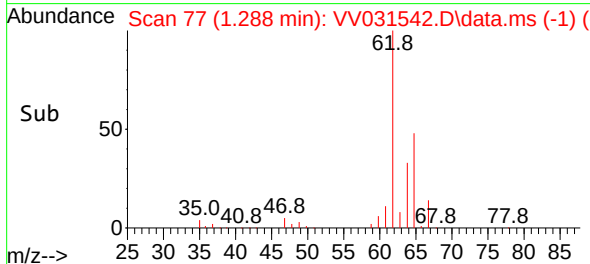
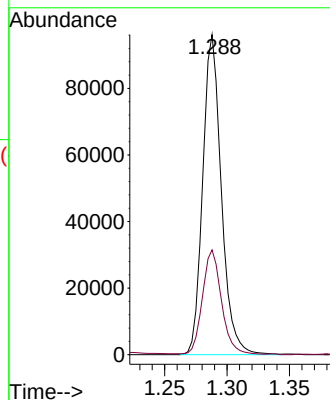
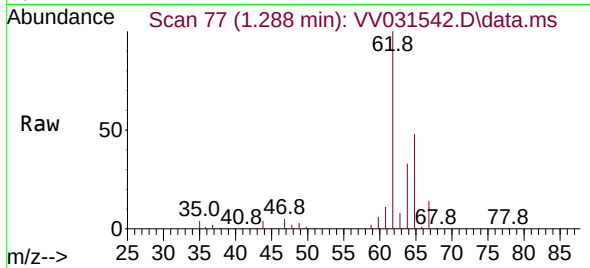




#5
 Vinyl chloride
 Concen: 42.369 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

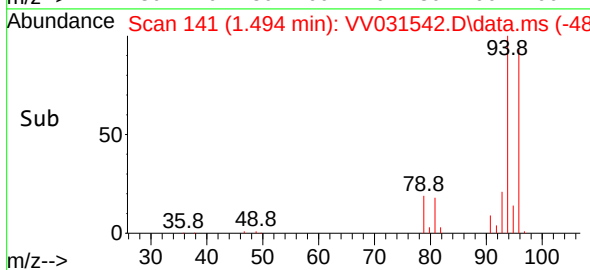
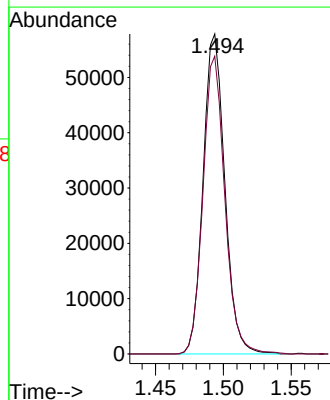
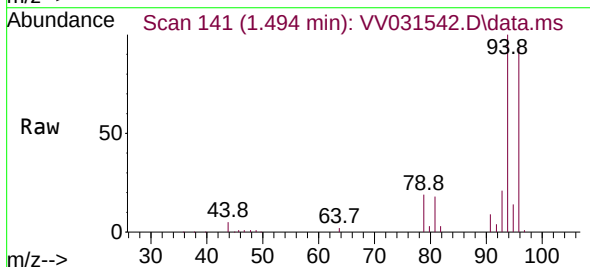
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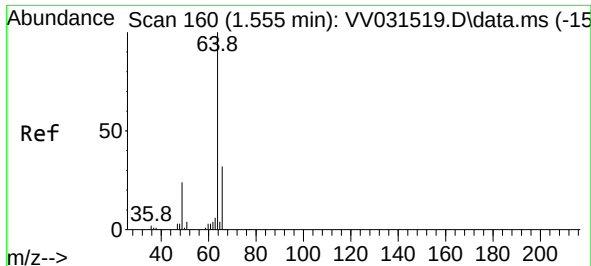
Tgt Ion: 62 Resp: 99682
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 42.009 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

Tgt Ion: 94 Resp: 64418
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.4 121.4

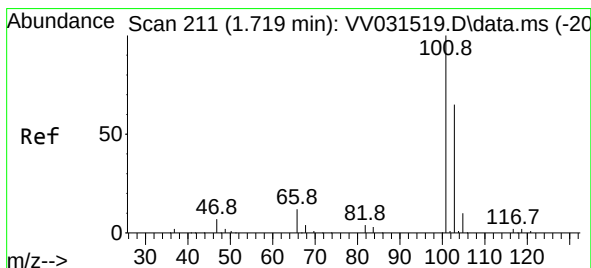
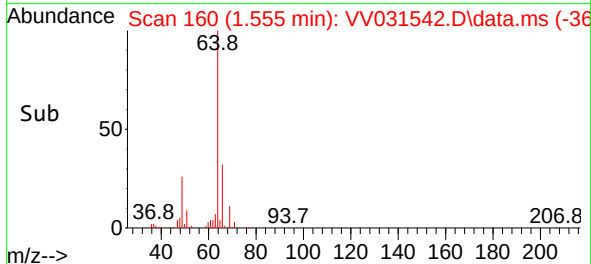
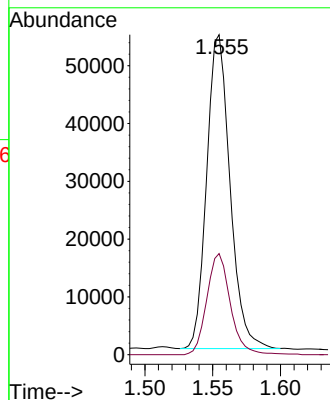
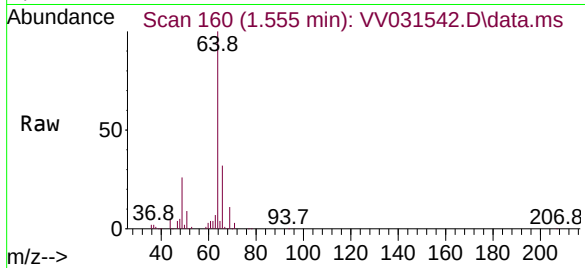




#8
Chloroethane
Concen: 42.854 ug/L
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

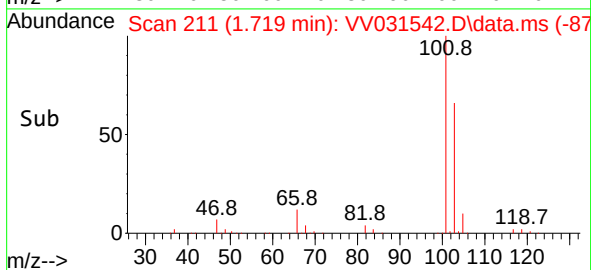
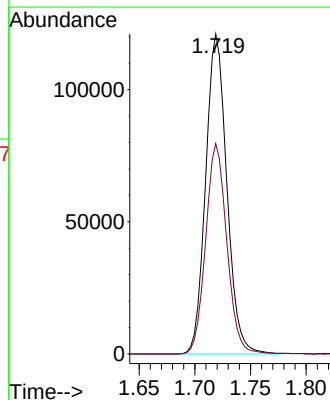
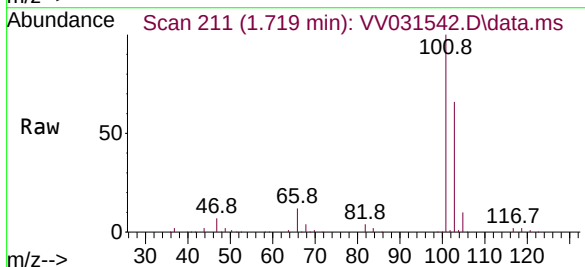
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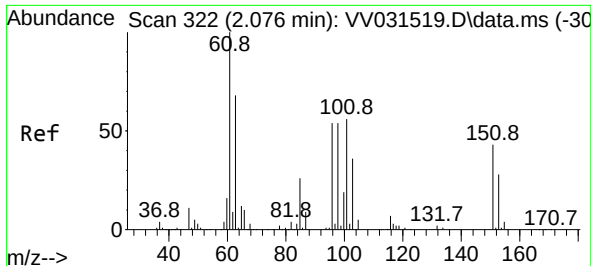
Tgt Ion: 64 Resp: 65120
Ion Ratio Lower Upper
64 100
66 31.6 21.0 39.0



#9
Trichlorofluoromethane
Concen: 40.876 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 101 Resp: 159995
Ion Ratio Lower Upper
101 100
103 65.6 50.9 76.3





#10

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

Concen: 39.036 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

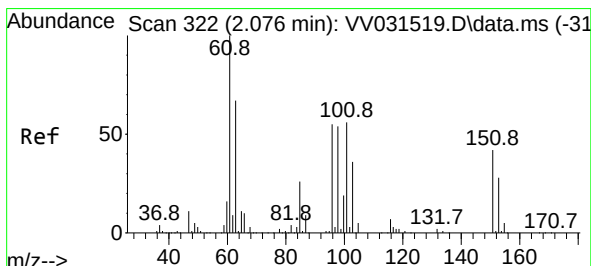
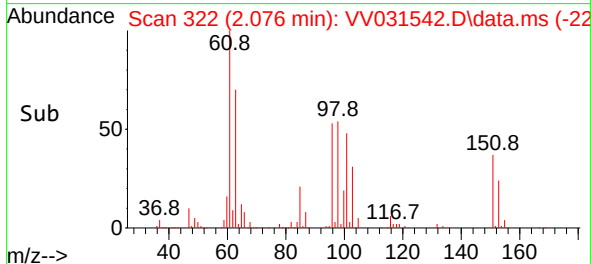
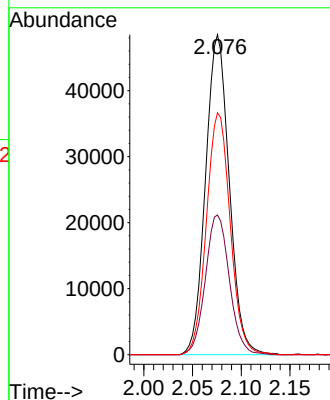
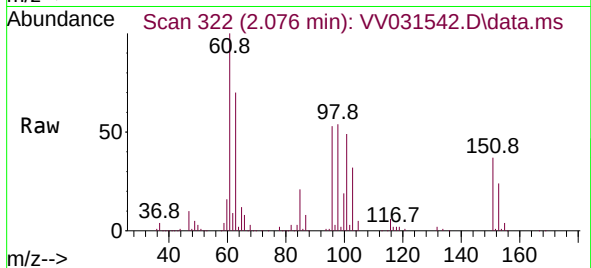
Tgt Ion:101 Resp: 81881

Ion Ratio Lower Upper

101 100

85 44.3 37.4 56.0

151 76.1 62.3 93.5



#12

1,1-Dichloroethene

Concen: 44.417 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

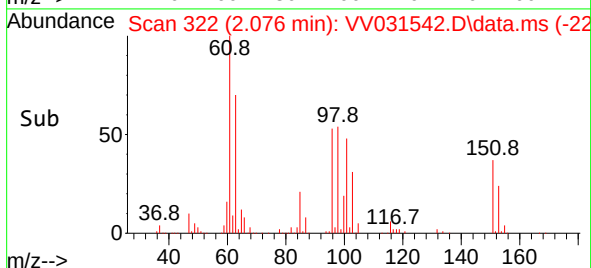
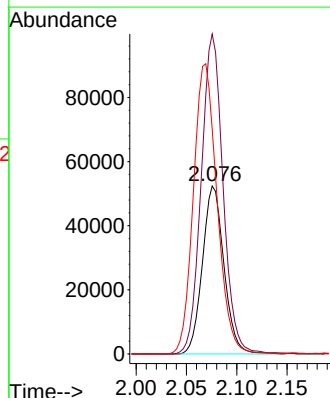
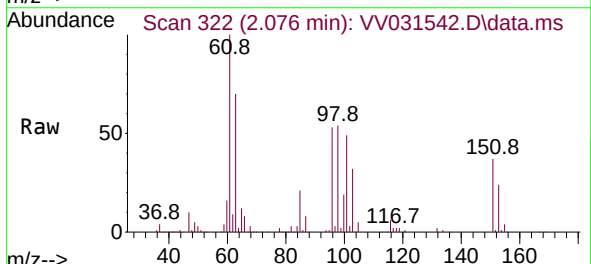
Tgt Ion: 96 Resp: 77932

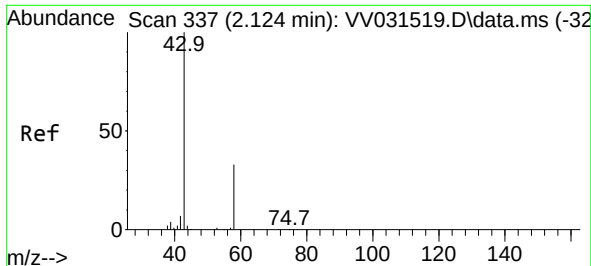
Ion Ratio Lower Upper

96 100

61 190.5 128.9 239.5

63 133.7 95.3 177.1





#13

Acetone

Concen: 65.438 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

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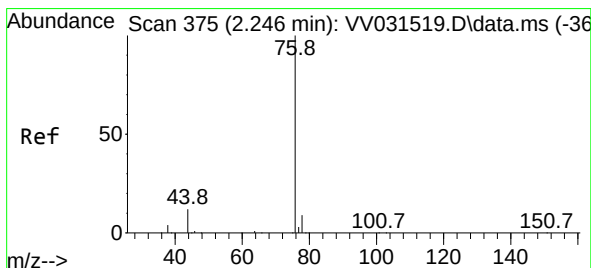
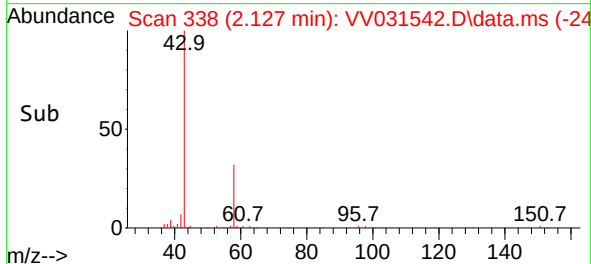
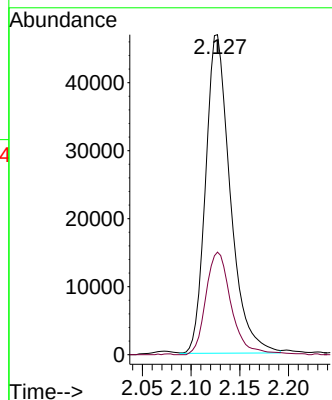
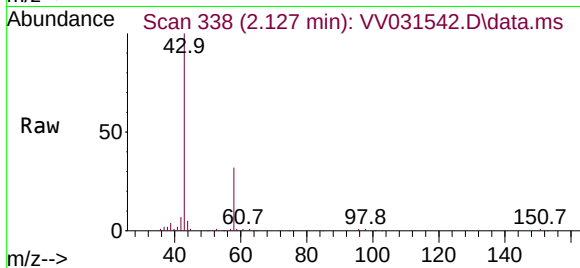
EXYT1MS

Tgt Ion: 43 Resp: 82514

Ion Ratio Lower Upper

43 100

58 33.2 0.0 68.6



#14

Carbon disulfide

Concen: 43.821 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV031542.D

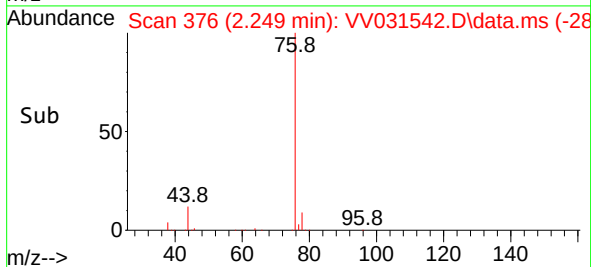
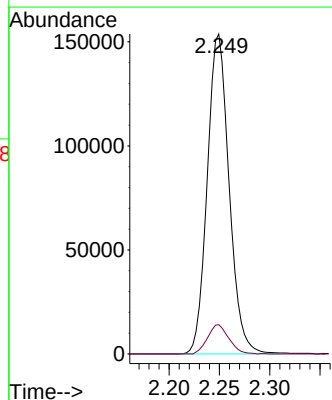
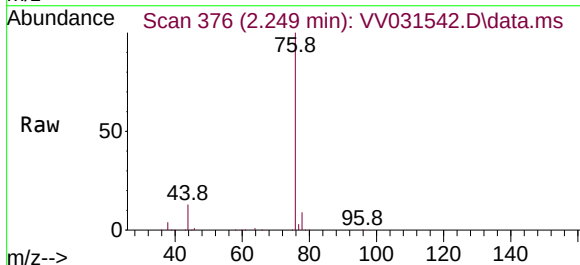
Acq: 15 Jun 2023 19:28

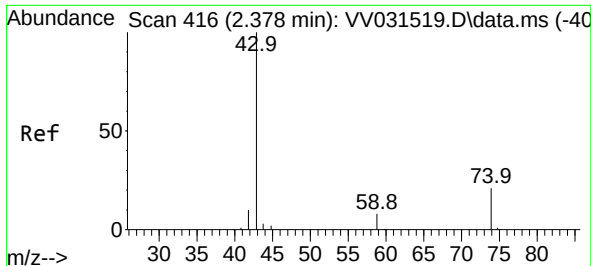
Tgt Ion: 76 Resp: 232571

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

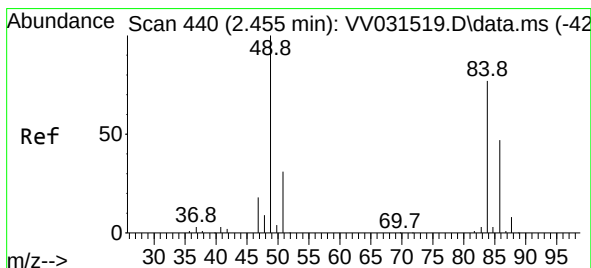
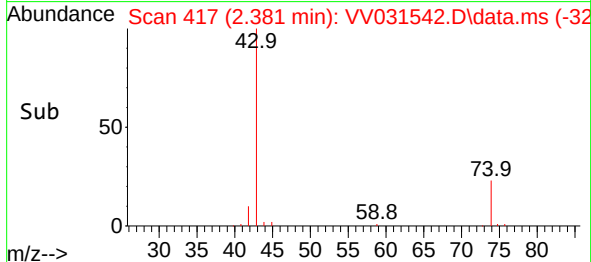
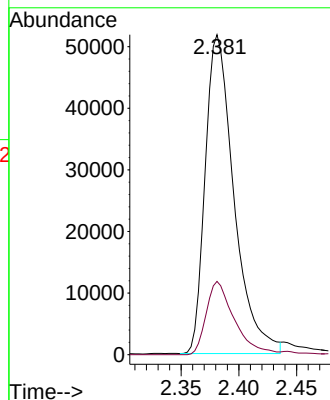
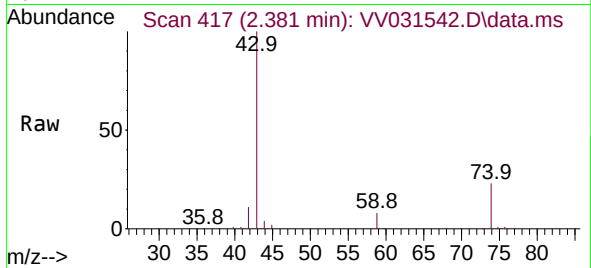




#15
Methyl Acetate
Concen: 42.285 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

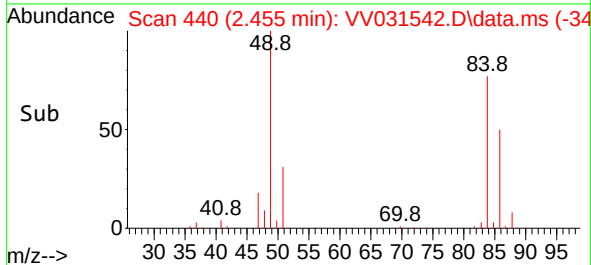
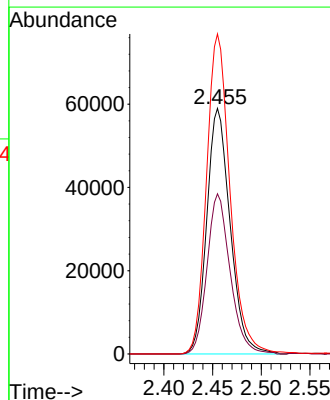
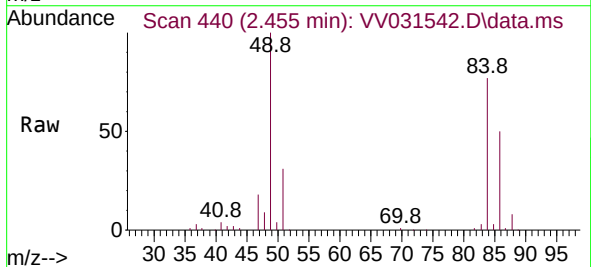
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

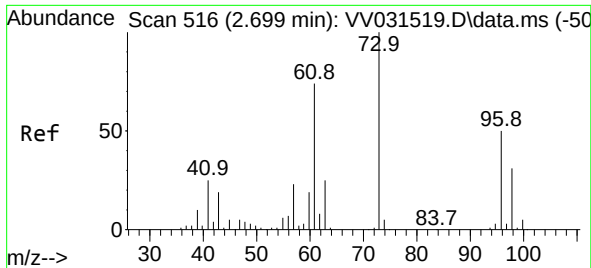
Tgt Ion: 43 Resp: 89770
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6



#16
Methylene chloride
Concen: 44.816 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 84 Resp: 98581
Ion Ratio Lower Upper
84 100
86 66.3 45.8 85.0
49 130.3 92.1 171.1

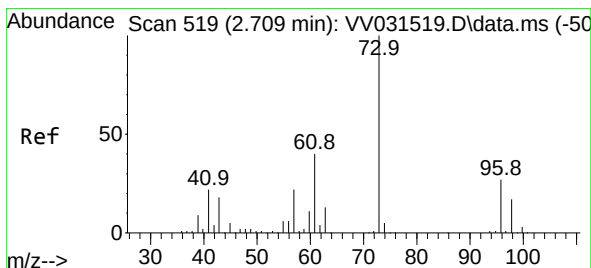
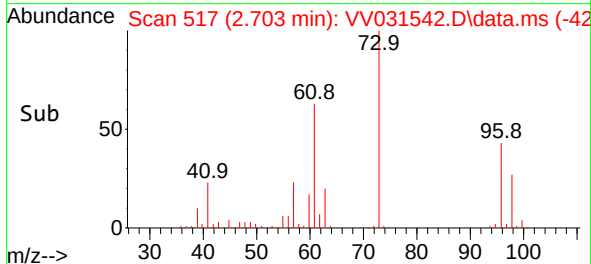
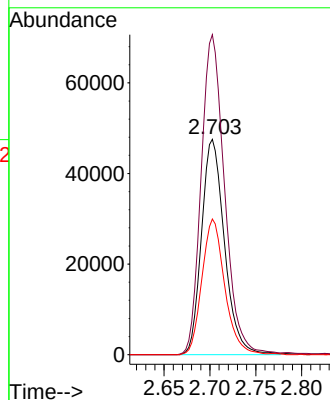
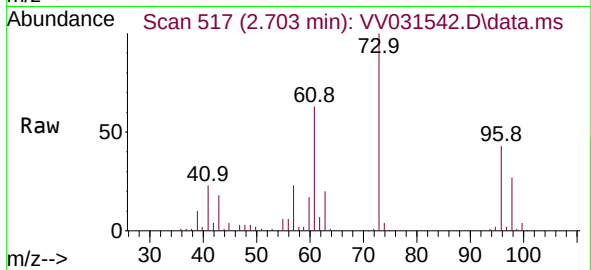




#17
trans-1,2-Dichloroethene
Concen: 45.340 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

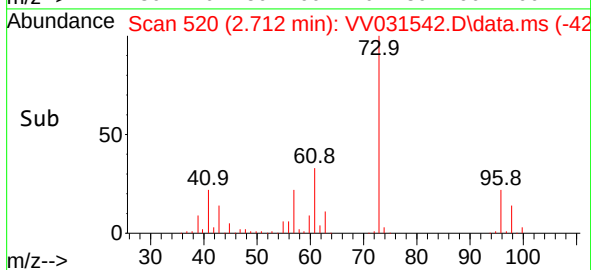
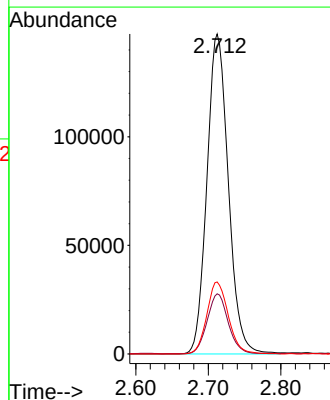
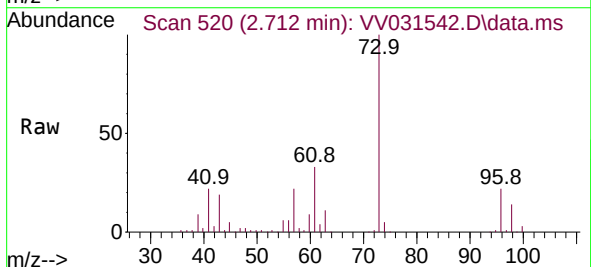
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

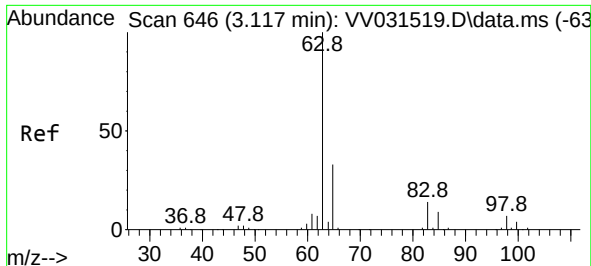
Tgt Ion: 96 Resp: 83038
Ion Ratio Lower Upper
96 100
61 148.5 102.5 190.3
98 64.8 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 49.497 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 73 Resp: 302477
Ion Ratio Lower Upper
73 100
43 18.4 15.0 22.4
57 22.5 18.2 27.4





#19

1,1-Dichloroethane

Concen: 53.162 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

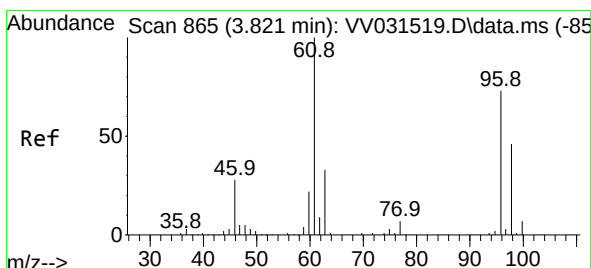
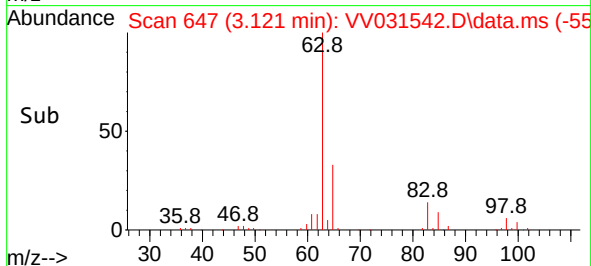
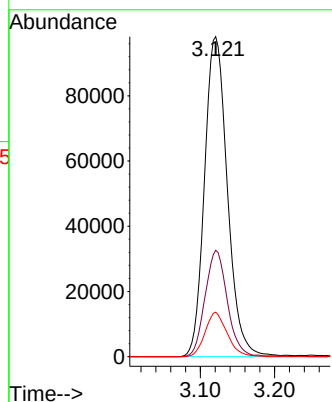
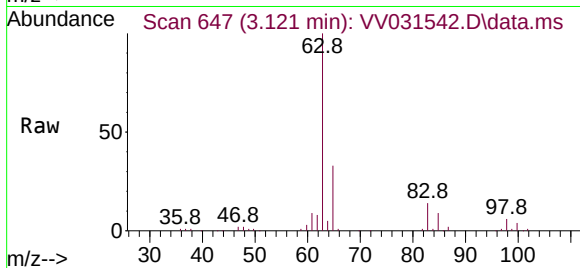
Tgt Ion: 63 Resp: 210138

Ion Ratio Lower Upper

63 100

65 33.3 22.5 41.7

83 13.9 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 54.887 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

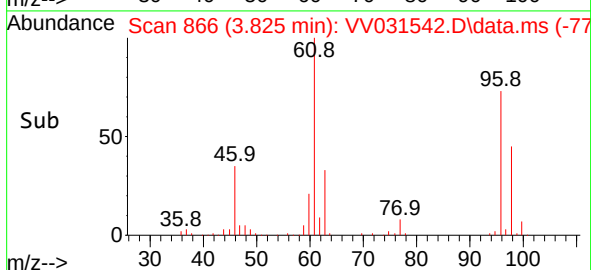
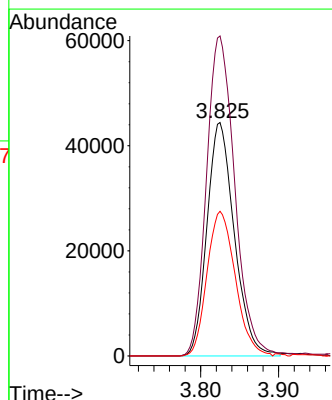
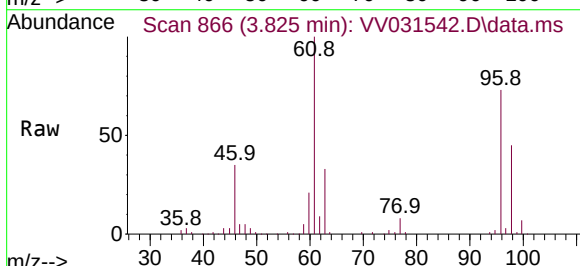
Tgt Ion: 96 Resp: 108634

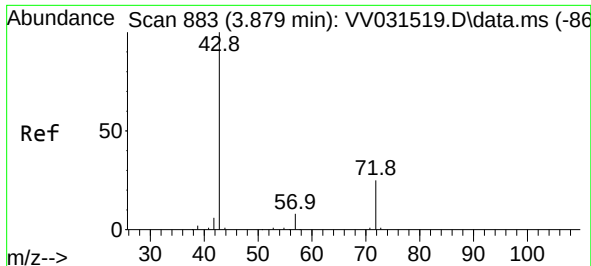
Ion Ratio Lower Upper

96 100

61 132.1 98.6 183.0

98 59.7 45.7 84.9

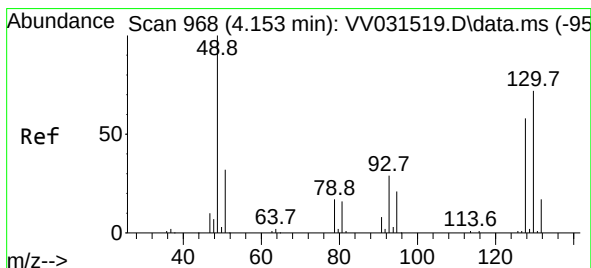
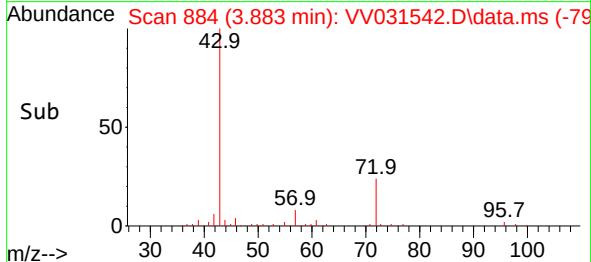
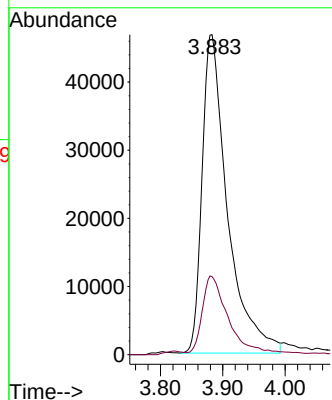
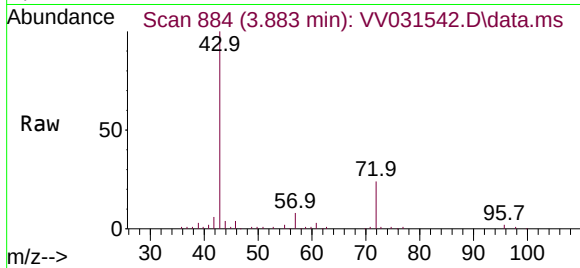




#22
2-Butanone
Concen: 83.990 ug/L
RT: 3.883 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

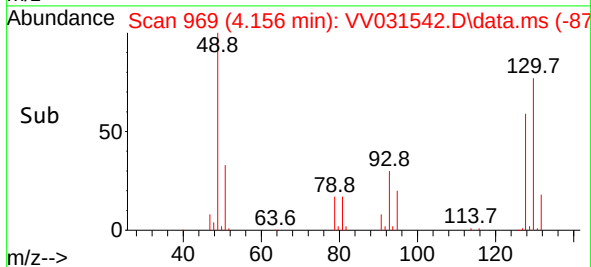
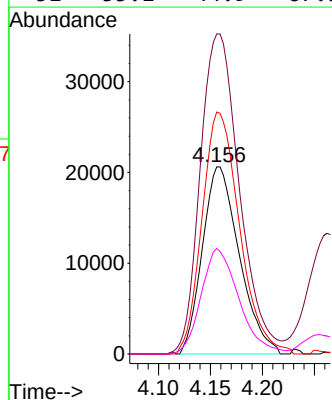
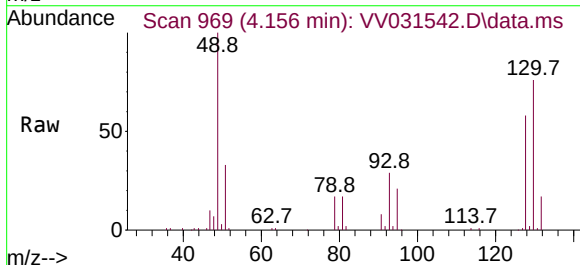
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

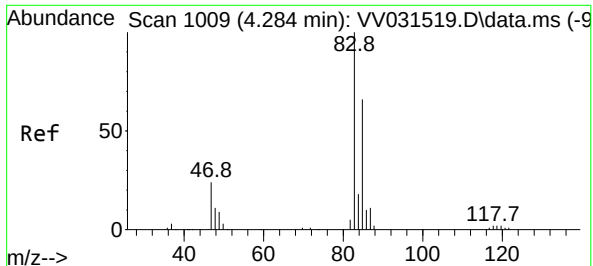
Tgt Ion: 43 Resp: 132303
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.4



#23
Bromochloromethane
Concen: 47.604 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion:128 Resp: 50930
Ion Ratio Lower Upper
128 100
49 164.1 120.6 224.0
130 126.3 88.1 163.7
51 55.1 44.9 67.3





#25

Chloroform

Concen: 49.098 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

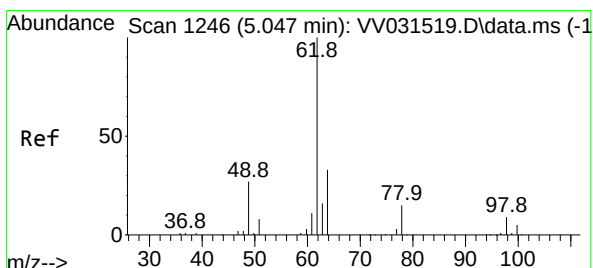
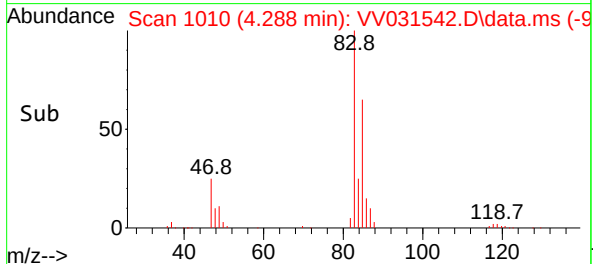
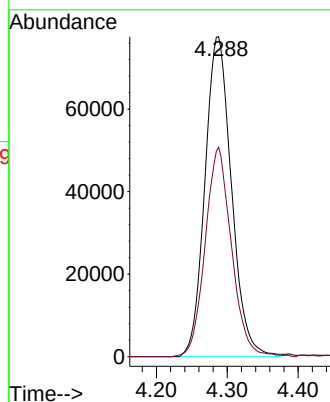
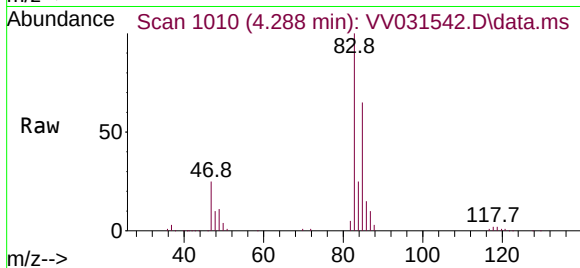
EXYT1MS

Tgt Ion: 83 Resp: 201748

Ion Ratio Lower Upper

83 100

85 65.4 45.3 84.1



#27

1,2-Dichloroethane

Concen: 48.673 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031542.D

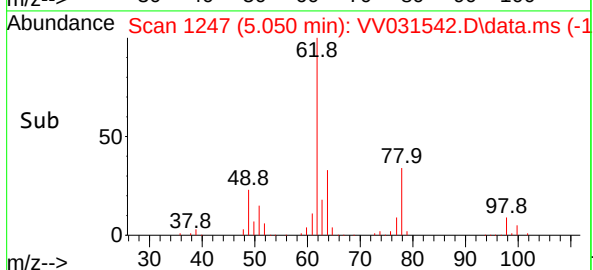
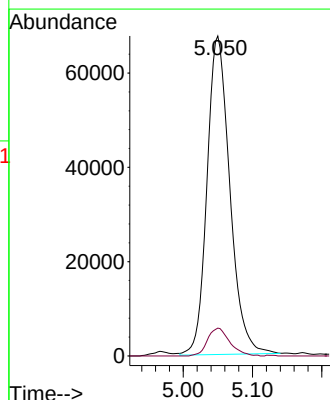
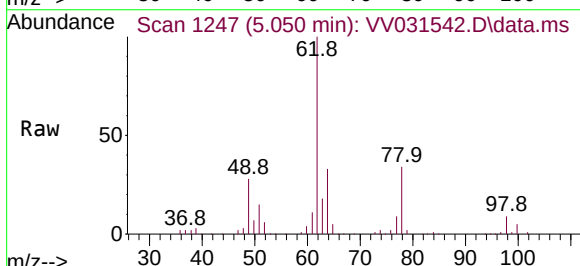
Acq: 15 Jun 2023 19:28

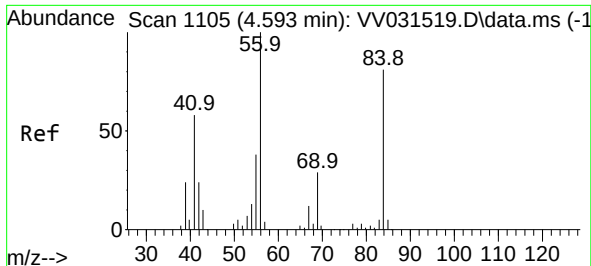
Tgt Ion: 62 Resp: 154360

Ion Ratio Lower Upper

62 100

98 8.7 6.6 9.8





#29

Cyclohexane

Concen: 40.295 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

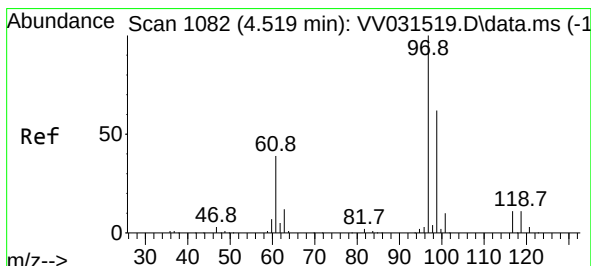
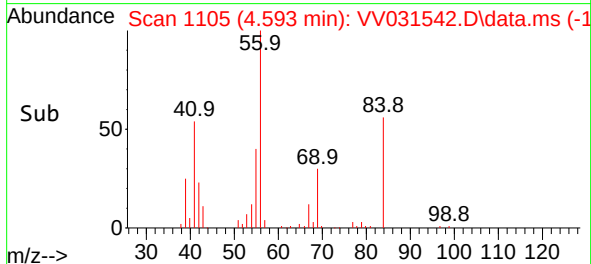
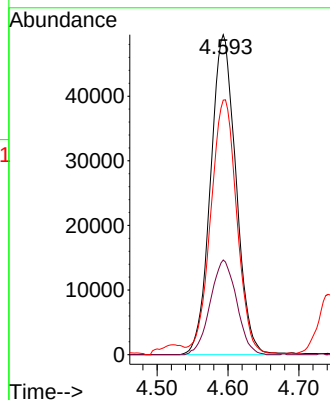
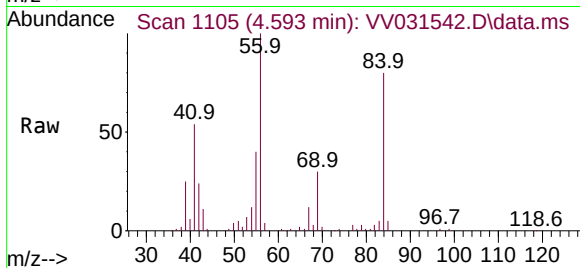
Tgt Ion: 56 Resp: 123213

Ion Ratio Lower Upper

56 100

69 30.7 24.3 36.5

84 81.9 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 64.609 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

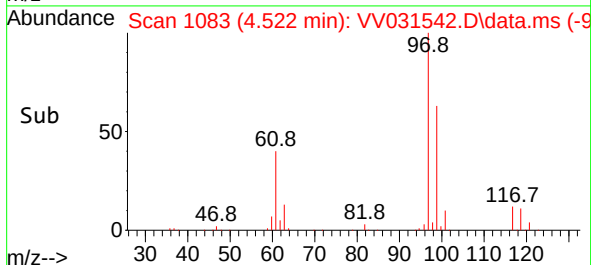
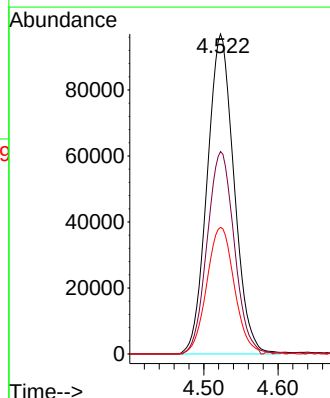
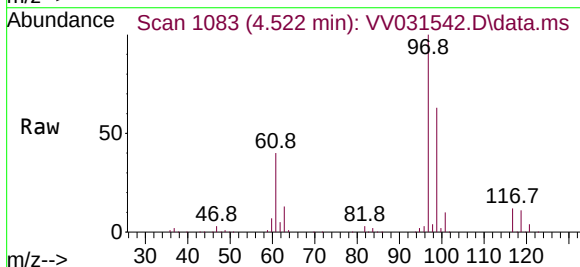
Tgt Ion: 97 Resp: 243459

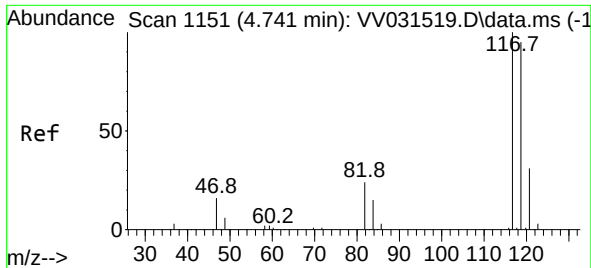
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 40.6 33.0 49.6

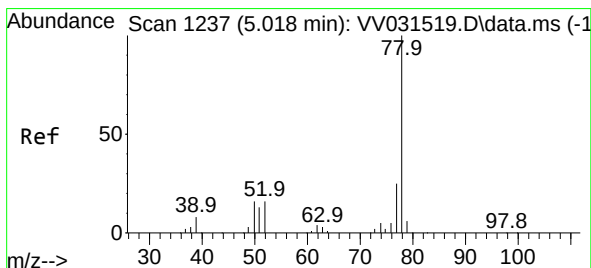
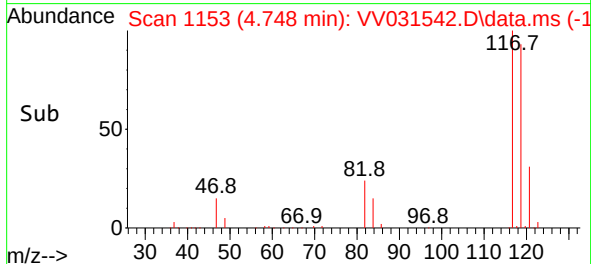
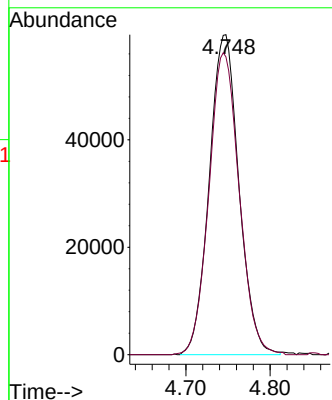
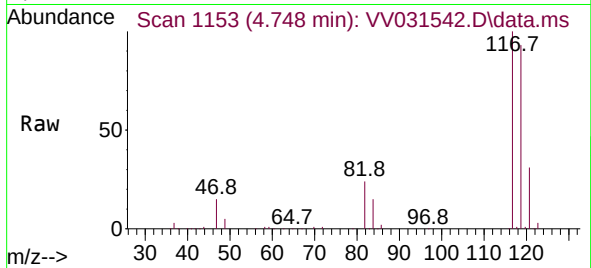




#31
Carbon tetrachloride
Concen: 43.636 ug/L
RT: 4.748 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

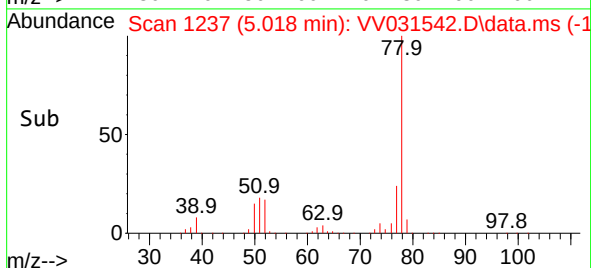
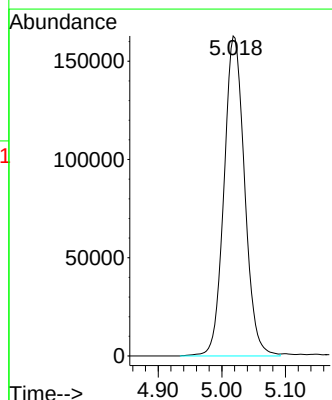
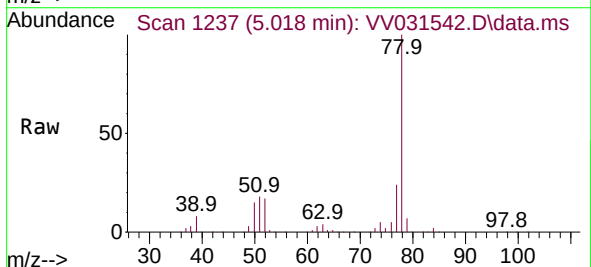
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

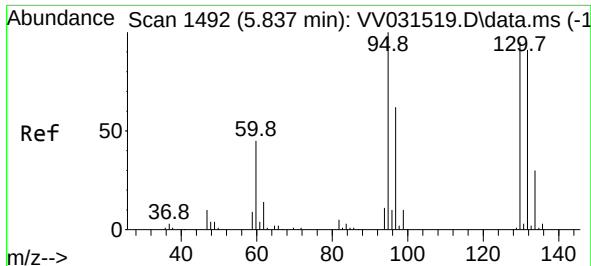
Tgt Ion:117 Resp: 145690
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4



#33
Benzene
Concen: 46.821 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 78 Resp: 366371

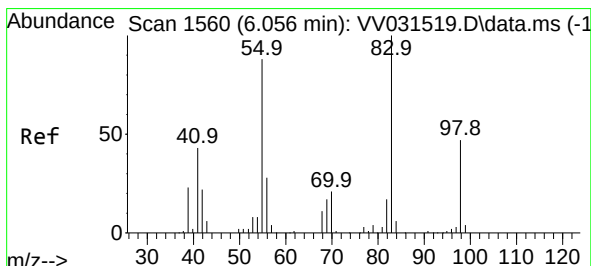
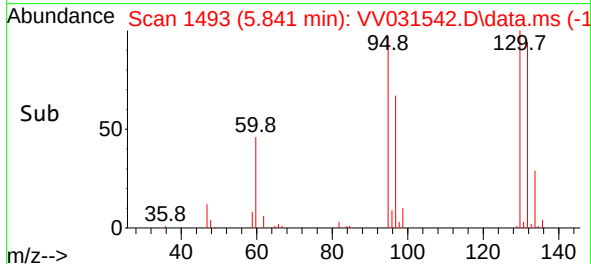
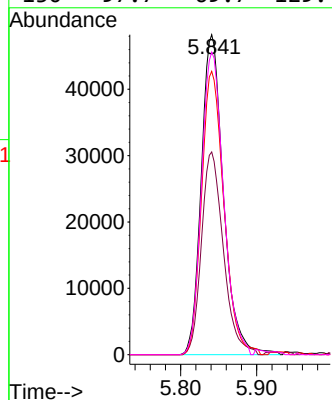
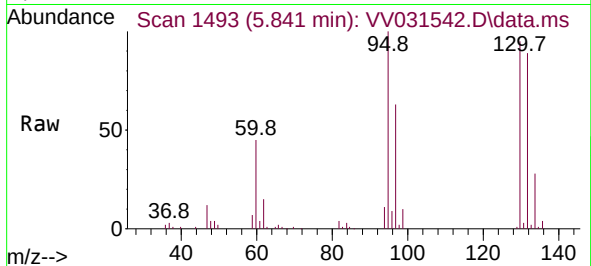




#34
Trichloroethene
Concen: 46.782 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

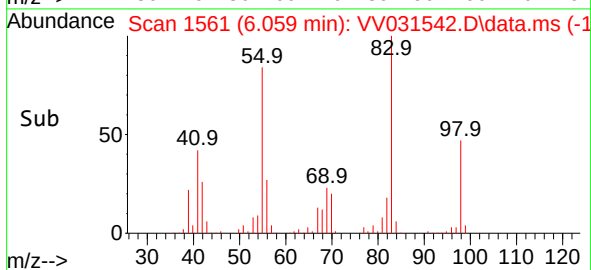
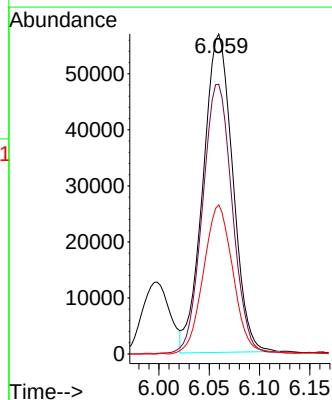
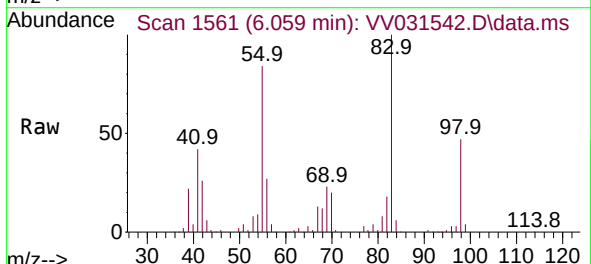
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

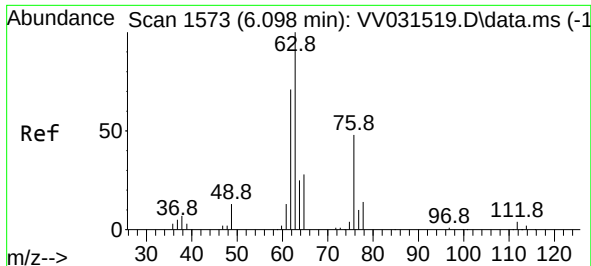
Tgt Ion: 95 Resp: 97818
Ion Ratio Lower Upper
95 100
97 65.8 46.8 86.8
132 90.7 66.4 123.2
130 97.7 69.7 129.4



#35
Methylcyclohexane
Concen: 37.832 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 83 Resp: 116555
Ion Ratio Lower Upper
83 100
55 85.4 68.7 103.1
98 46.9 37.0 55.4





#37

1,2-Dichloropropane

Concen: 46.625 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

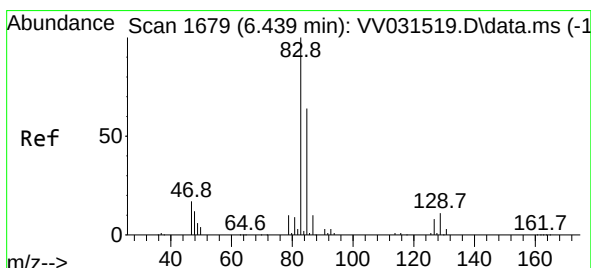
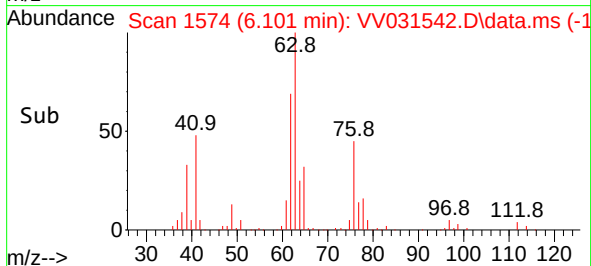
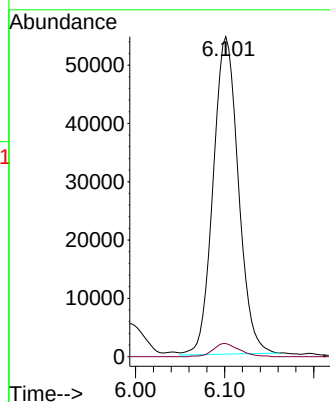
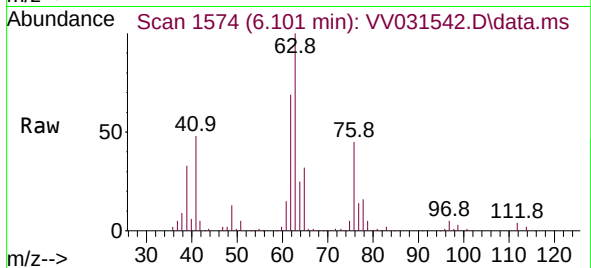
EXYT1MS

Tgt Ion: 63 Resp: 107132

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 46.845 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

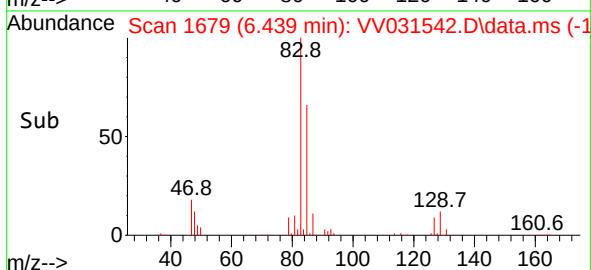
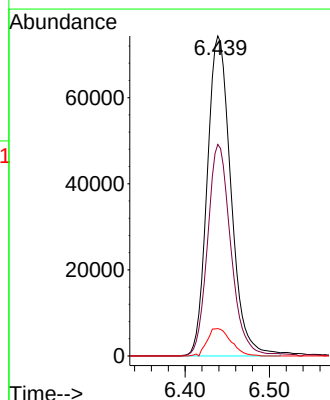
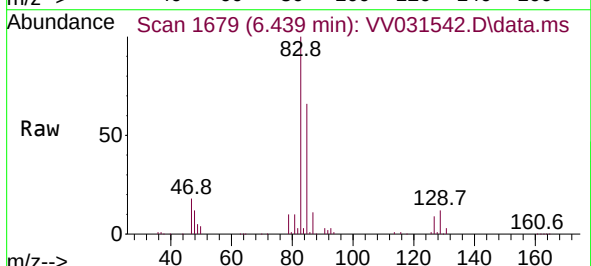
Tgt Ion: 83 Resp: 145489

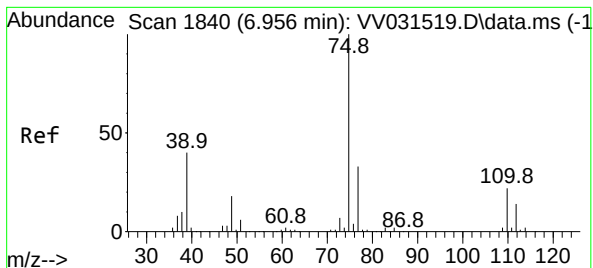
Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

127 9.2 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 48.112 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

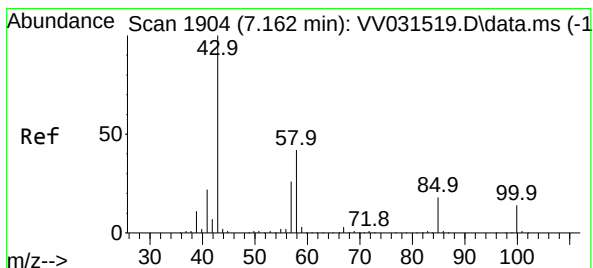
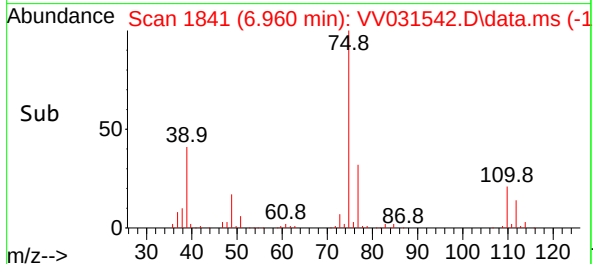
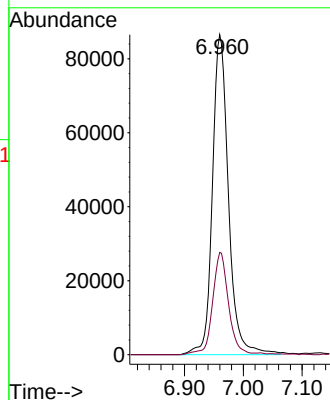
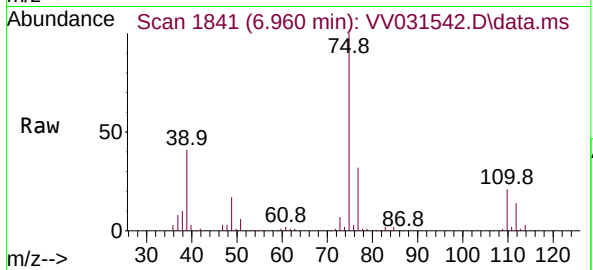
EXYT1MS

Tgt Ion: 75 Resp: 164100

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 102.555 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

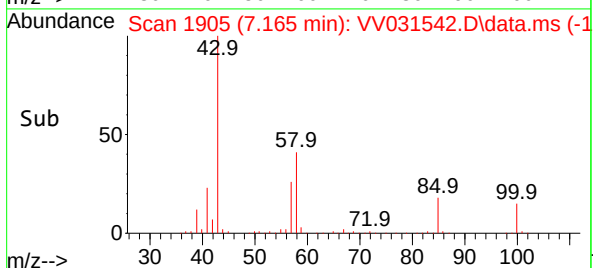
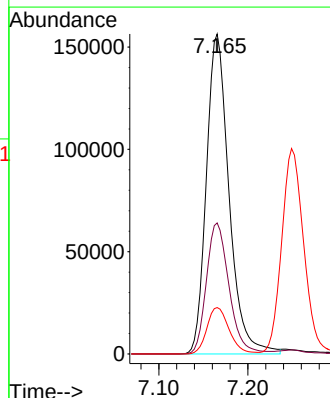
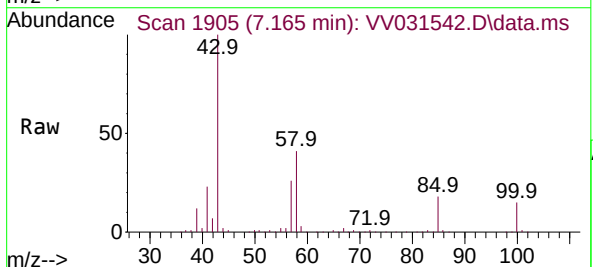
Tgt Ion: 43 Resp: 276697

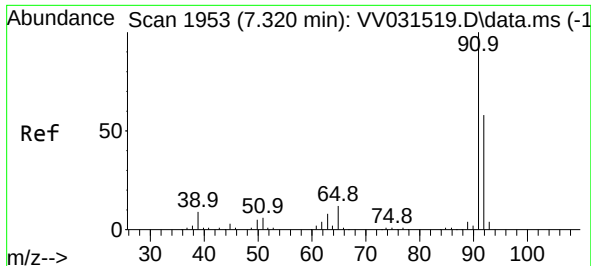
Ion Ratio Lower Upper

43 100

58 40.8 31.8 47.8

100 14.3 11.1 16.7





#42

Toluene

Concen: 48.250 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

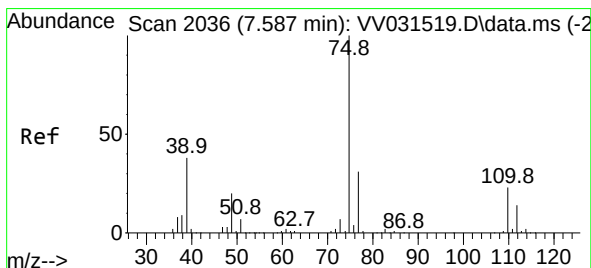
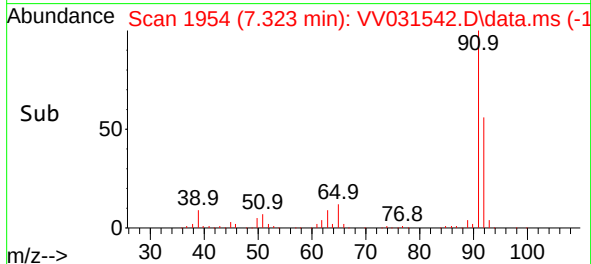
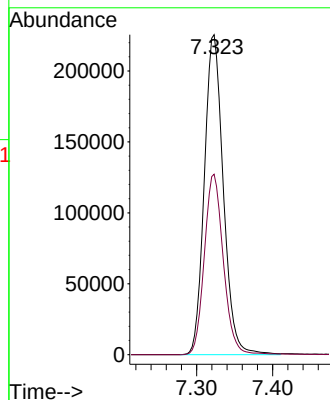
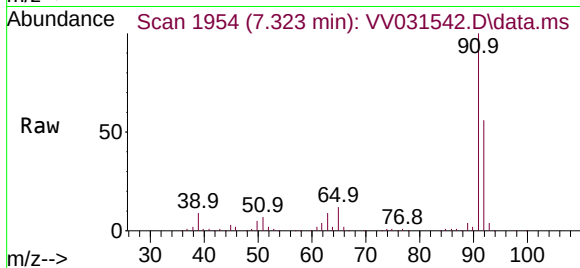
EXYT1MS

Tgt Ion: 91 Resp: 391453

Ion Ratio Lower Upper

91 100

92 56.4 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 48.360 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031542.D

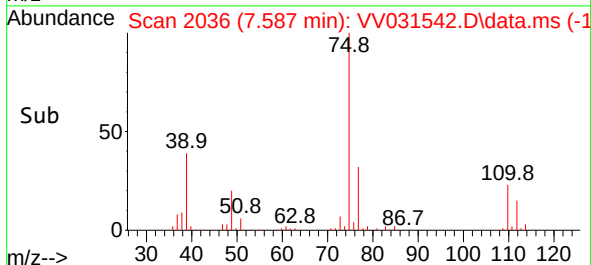
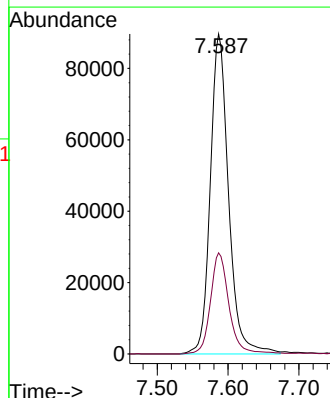
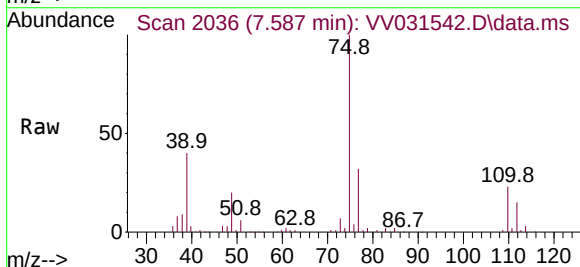
Acq: 15 Jun 2023 19:28

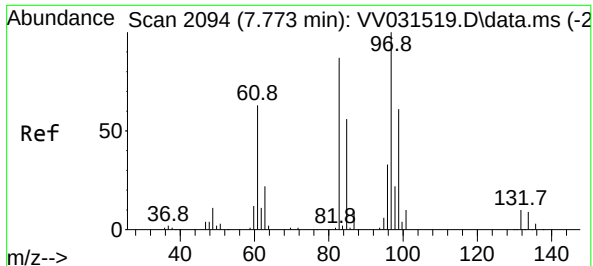
Tgt Ion: 75 Resp: 160633

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



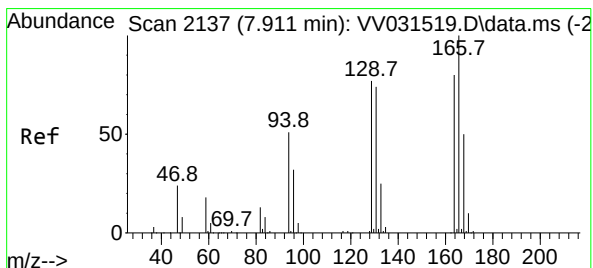
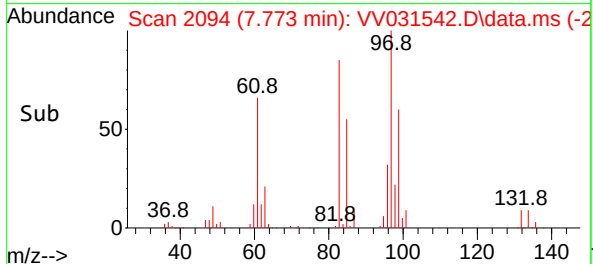
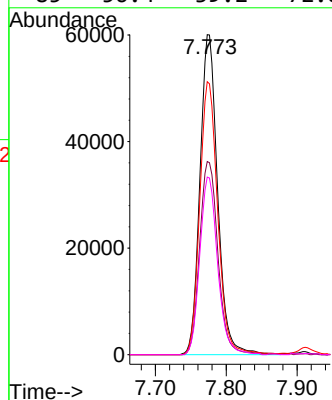
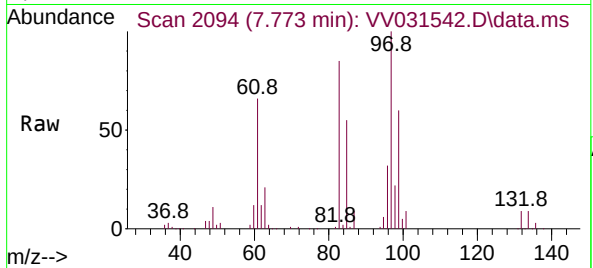


#45
1,1,2-Trichloroethane
Concen: 48.026 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

Tgt Ion: 97 Resp: 104244

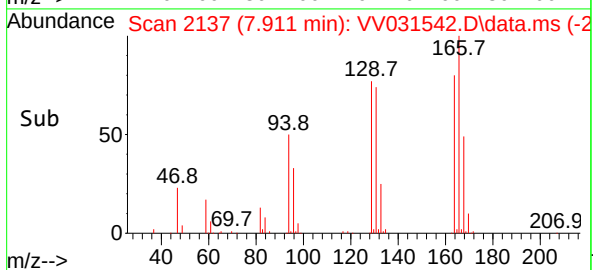
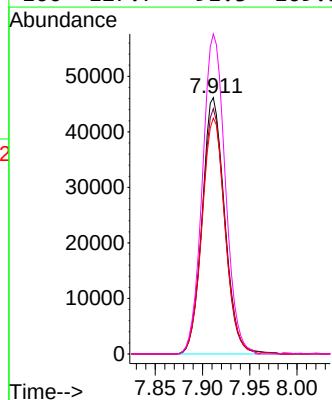
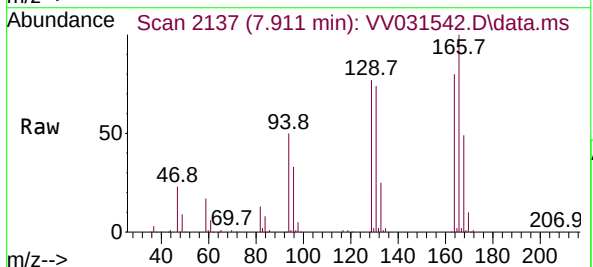
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.7	81.1
83	85.3	60.9	113.1
85	56.4	39.2	72.8

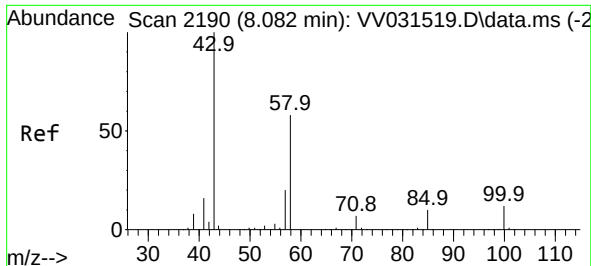


#46
Tetrachloroethene
Concen: 46.594 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 164 Resp: 76465

Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.4	127.0
131	94.5	67.6	125.6
166	127.7	91.3	169.5

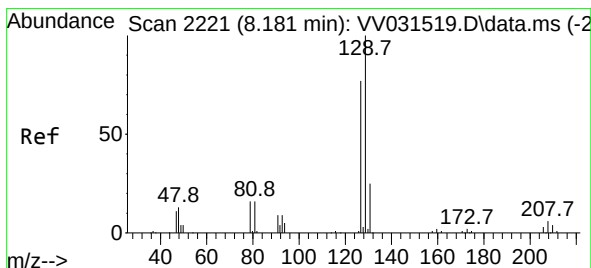
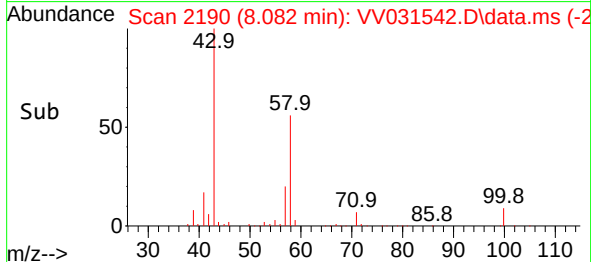
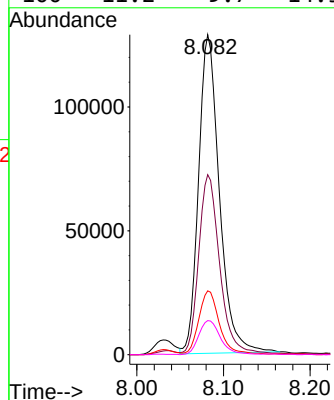
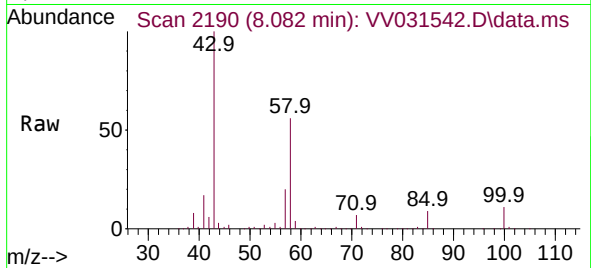




#48
2-Hexanone
Concen: 99.624 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

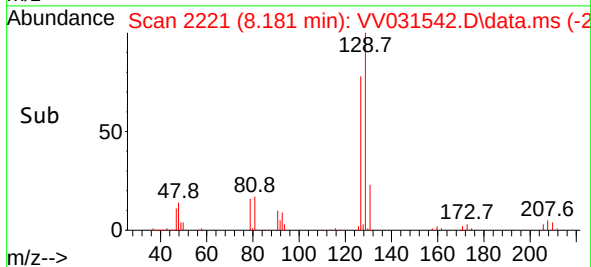
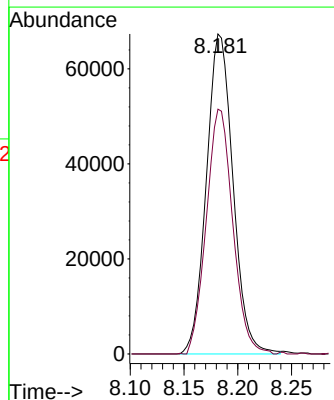
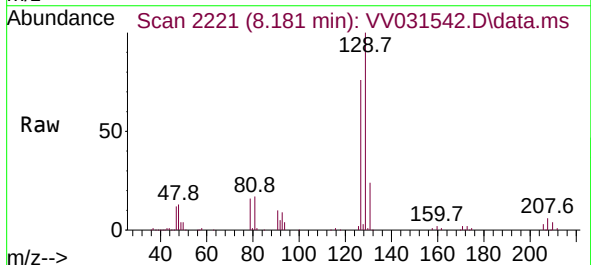
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

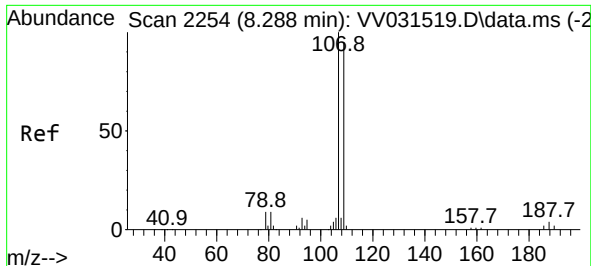
Tgt Ion: 43 Resp: 214670
Ion Ratio Lower Upper
43 100
58 57.0 46.7 70.1
57 19.6 15.5 23.3
100 11.2 9.7 14.5



#49
Dibromochloromethane
Concen: 48.091 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 129 Resp: 116016
Ion Ratio Lower Upper
129 100
127 78.2 55.8 103.6





#50

1,2-Dibromoethane

Concen: 48.639 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

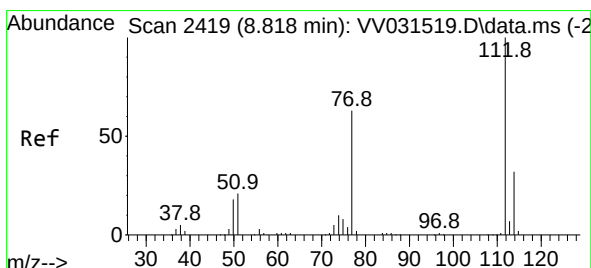
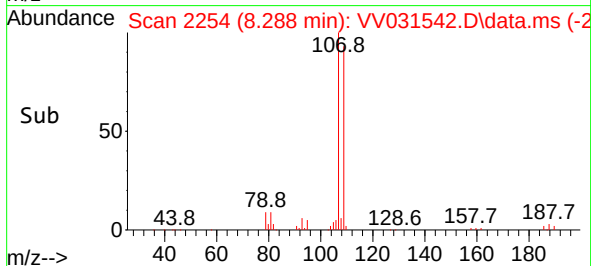
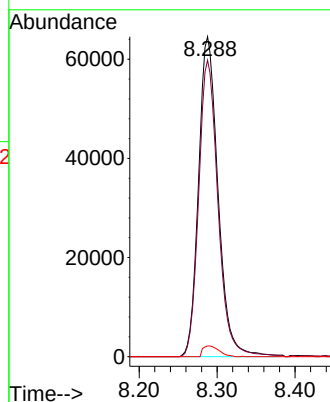
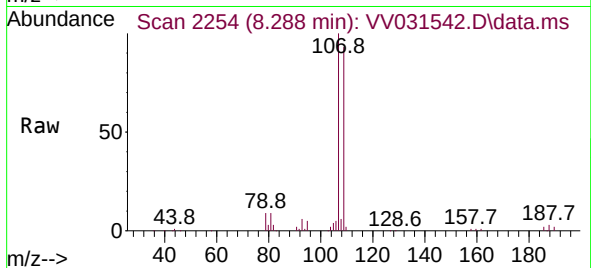
Tgt Ion:107 Resp: 112415

Ion Ratio Lower Upper

107 100

109 94.8 65.7 122.1

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 45.463 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

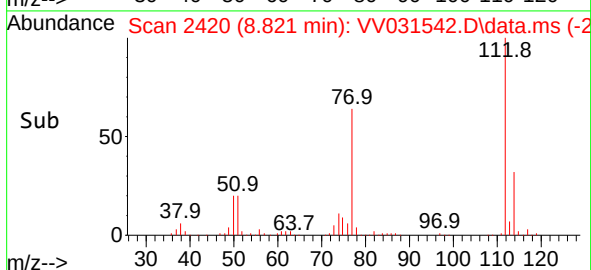
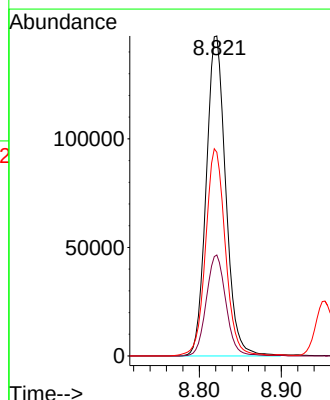
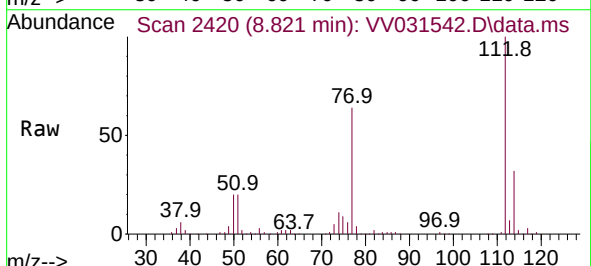
Tgt Ion:112 Resp: 244288

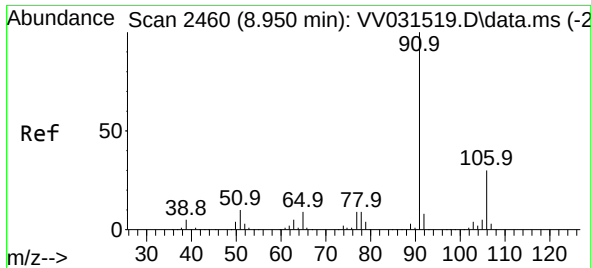
Ion Ratio Lower Upper

112 100

114 31.5 22.9 42.5

77 63.6 52.5 78.7

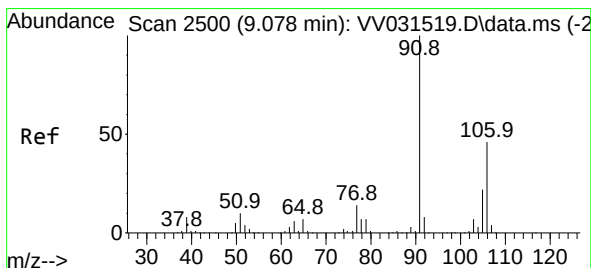
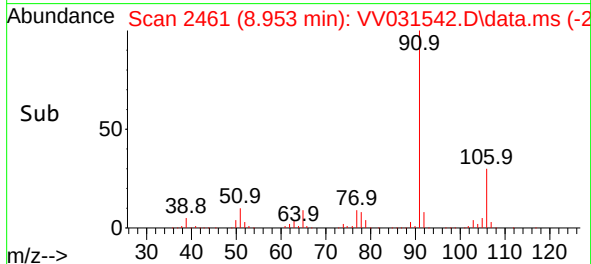
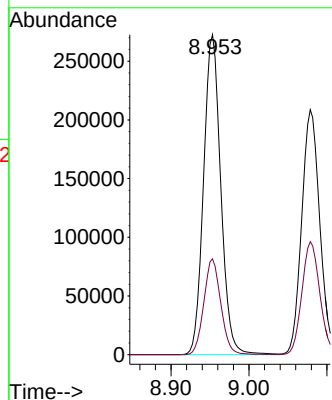
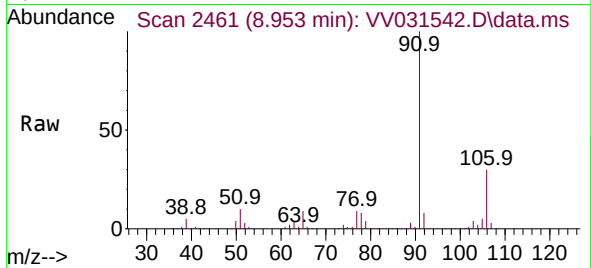




#52
Ethylbenzene
Concen: 46.230 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

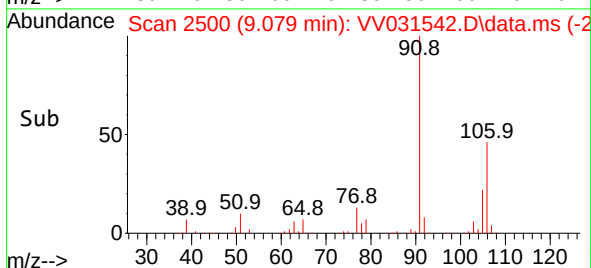
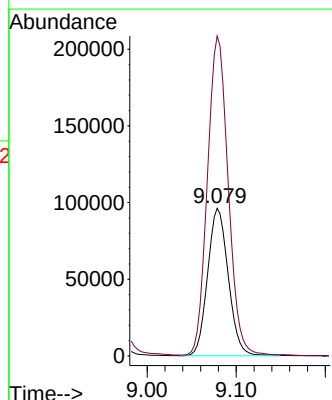
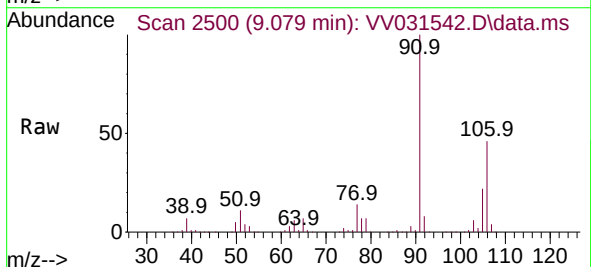
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

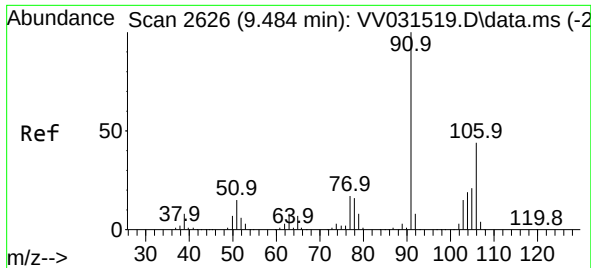
Tgt Ion: 91 Resp: 418515
Ion Ratio Lower Upper
91 100
106 29.9 20.8 38.6



#53
m,p-Xylene
Concen: 46.657 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion:106 Resp: 154680
Ion Ratio Lower Upper
106 100
91 216.8 149.0 276.6

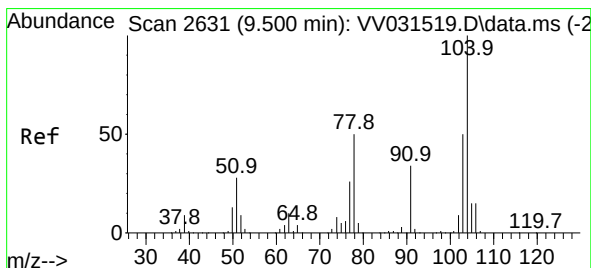
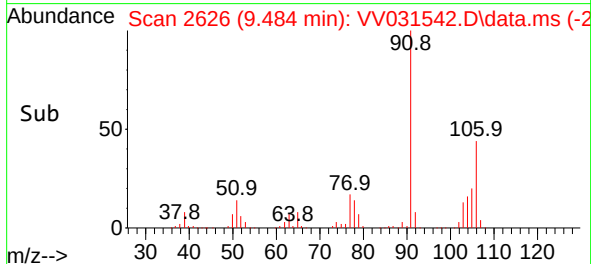
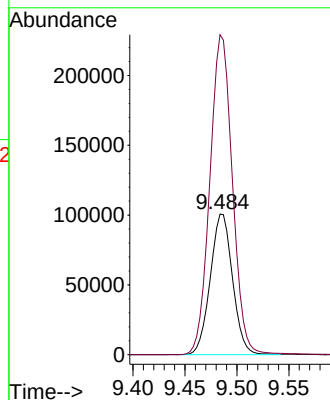
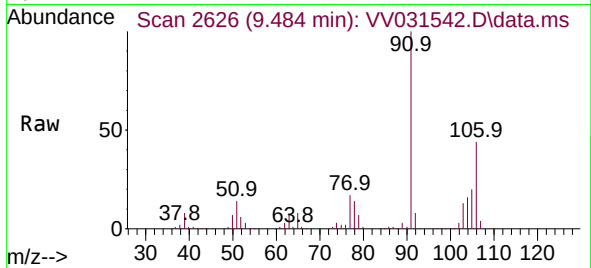




#54
o-Xylene
Concen: 47.793 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

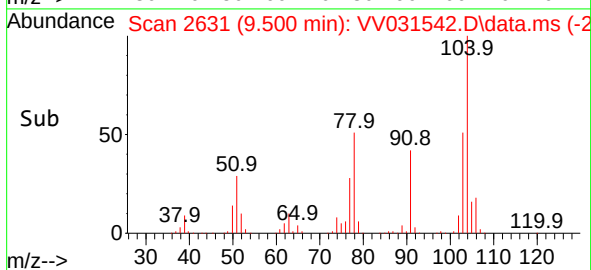
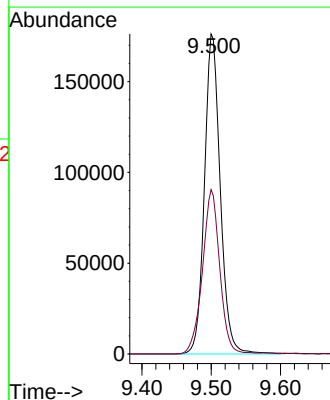
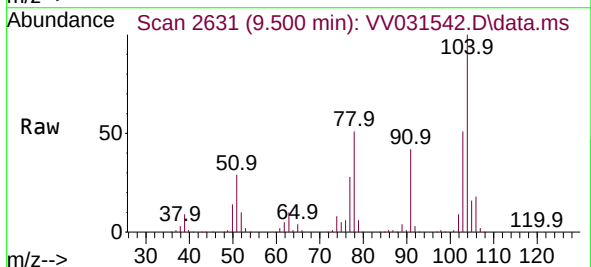
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

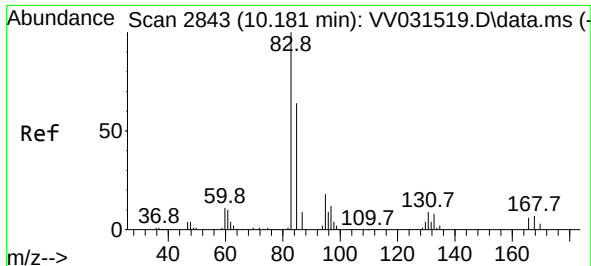
Tgt Ion:106 Resp: 150361
Ion Ratio Lower Upper
106 100
91 227.4 161.3 299.7



#55
Styrene
Concen: 49.748 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion:104 Resp: 279518
Ion Ratio Lower Upper
104 100
78 51.3 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 48.712 ug/L

RT: 10.185 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

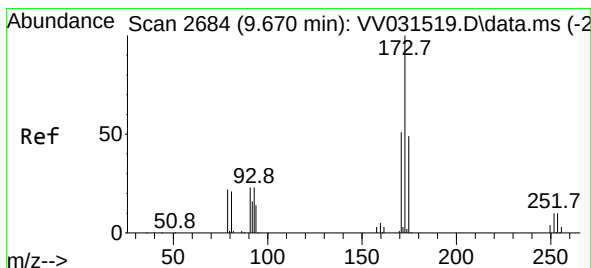
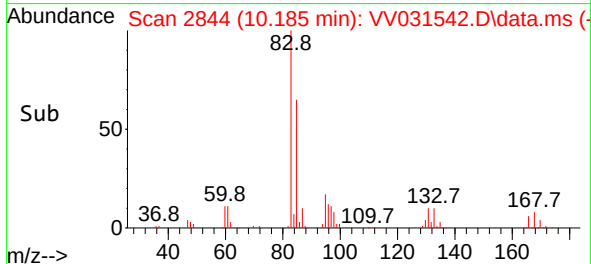
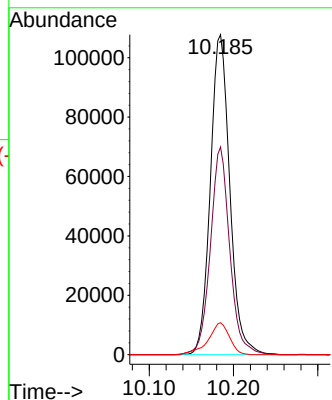
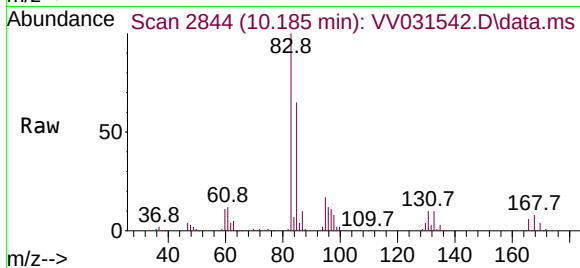
Tgt Ion: 83 Resp: 172759

Ion Ratio Lower Upper

83 100

85 64.9 43.1 80.1

131 13.2 10.6 16.0



#59

Bromoform

Concen: 50.115 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

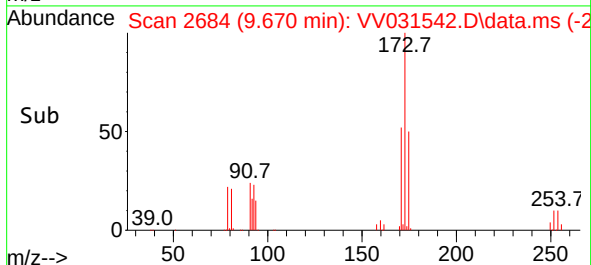
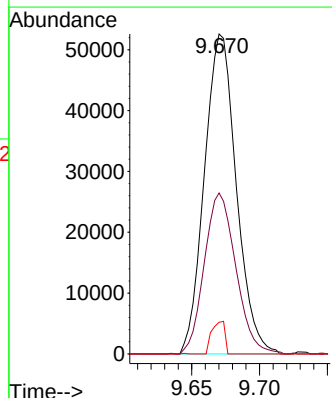
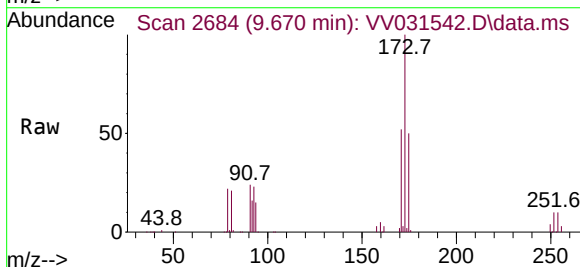
Tgt Ion: 173 Resp: 85962

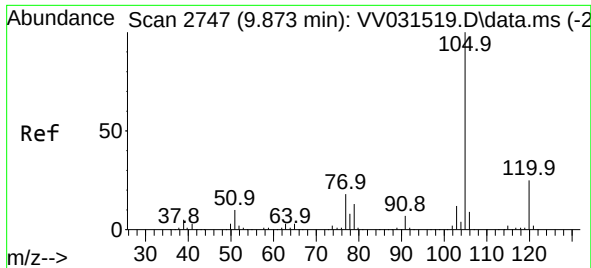
Ion Ratio Lower Upper

173 100

175 49.7 37.7 56.5

254 4.2 0.1 0.1#

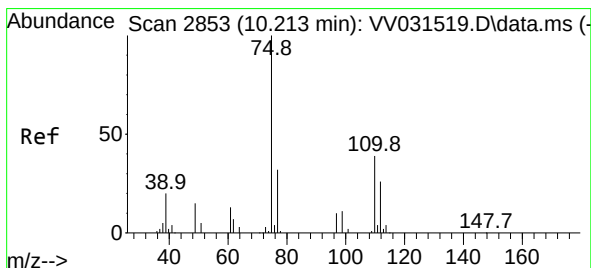
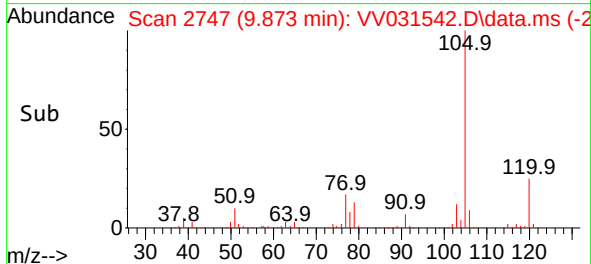
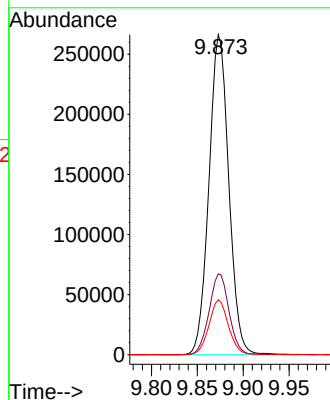
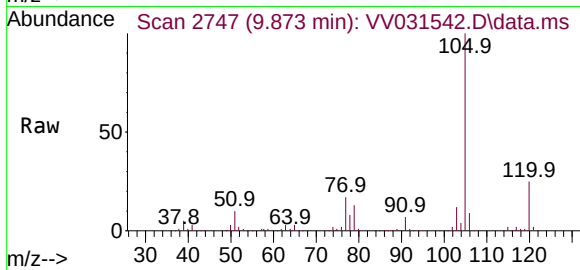




#60
Isopropylbenzene
Concen: 45.466 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

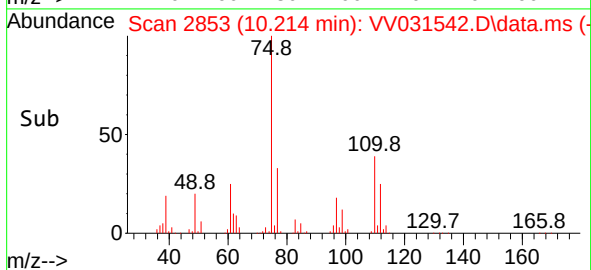
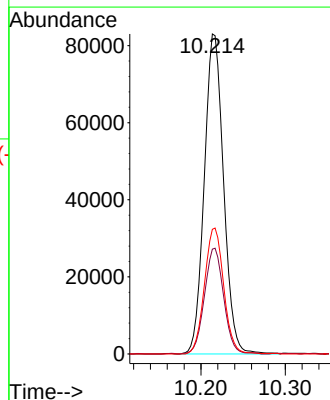
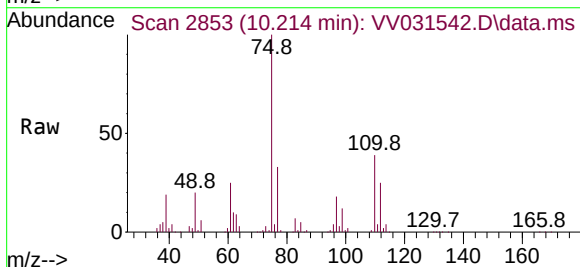
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MS

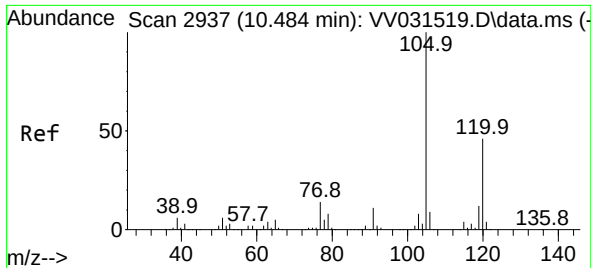
Tgt Ion:105 Resp: 401092
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.2
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 48.511 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031542.D
Acq: 15 Jun 2023 19:28

Tgt Ion: 75 Resp: 132587
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
110 39.2 31.3 46.9

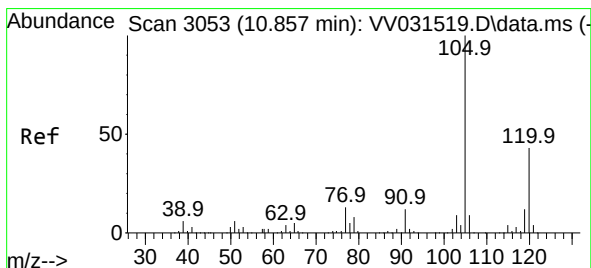
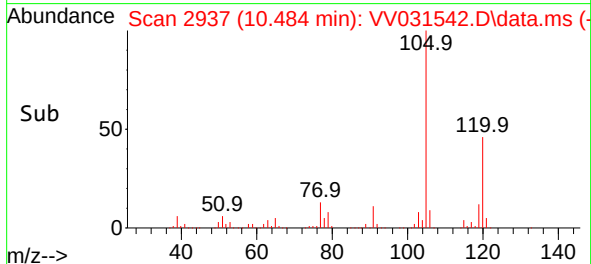
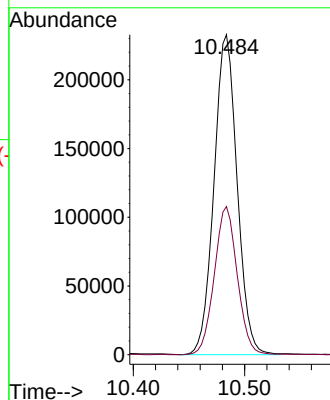
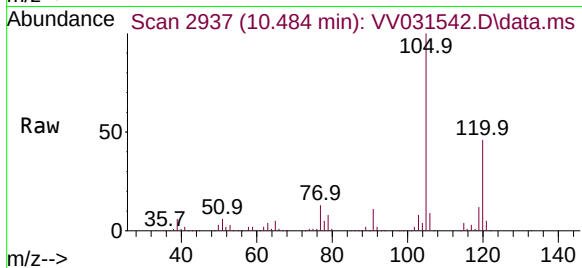




#62
 1,3,5-Trimethylbenzene
 Concen: 46.079 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

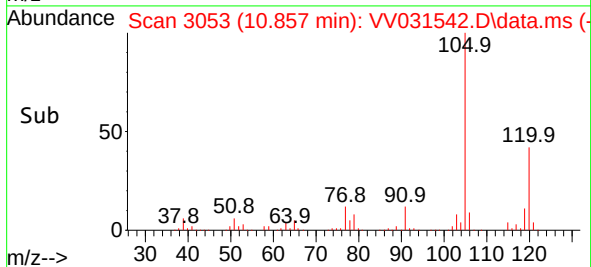
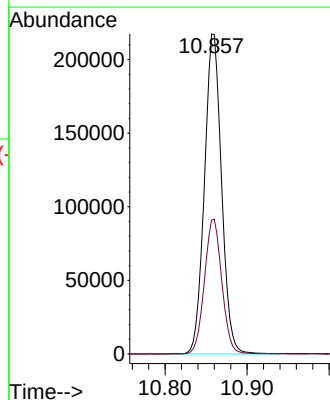
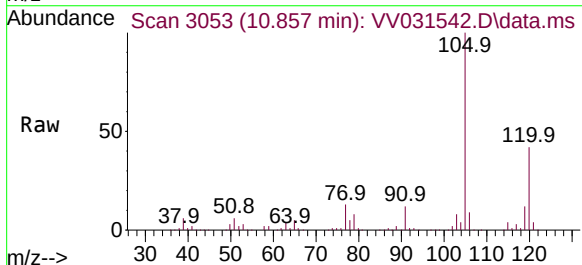
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MS

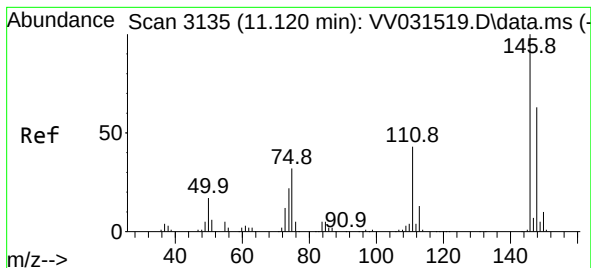
Tgt Ion:105 Resp: 335973
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.2 54.2



#63
 1,2,4-Trimethylbenzene
 Concen: 46.468 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

Tgt Ion:105 Resp: 315689
 Ion Ratio Lower Upper
 105 100
 120 42.5 33.4 50.2





#64

1,3-Dichlorobenzene

Concen: 45.225 ug/L

RT: 11.124 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

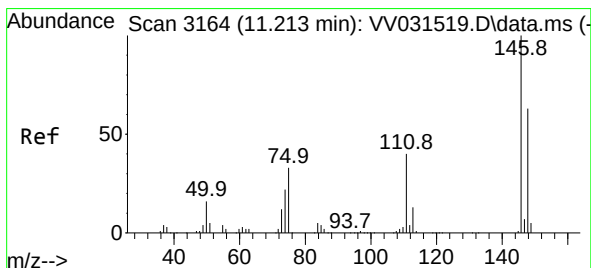
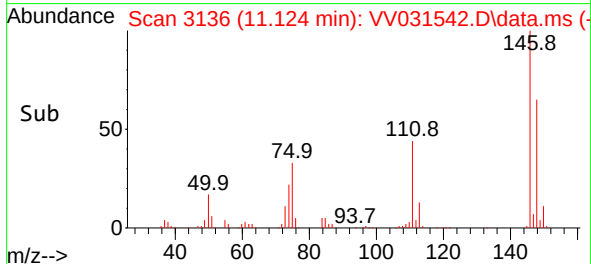
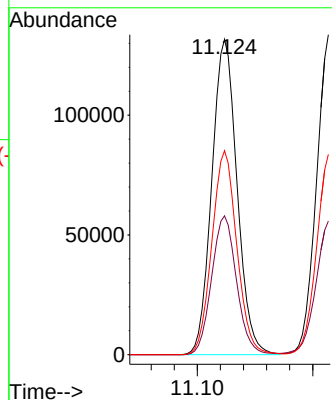
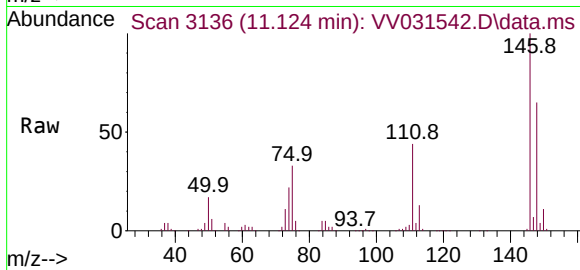
Tgt Ion:146 Resp: 200023

Ion Ratio Lower Upper

146 100

111 44.0 30.4 56.5

148 64.7 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 44.600 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

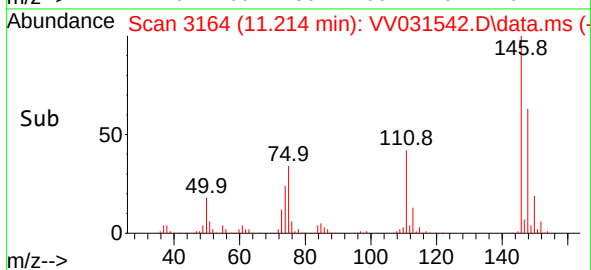
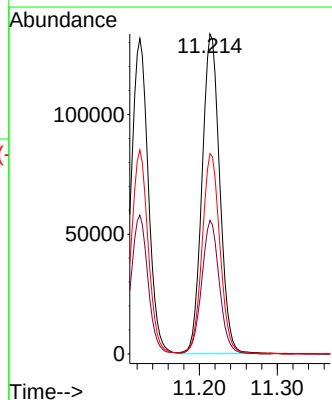
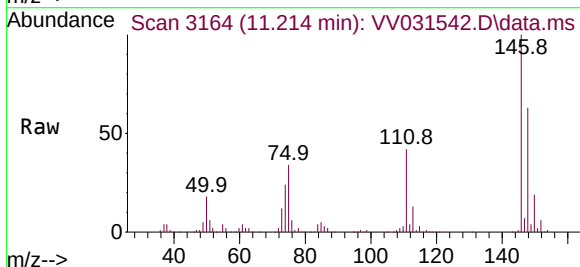
Tgt Ion:146 Resp: 210200

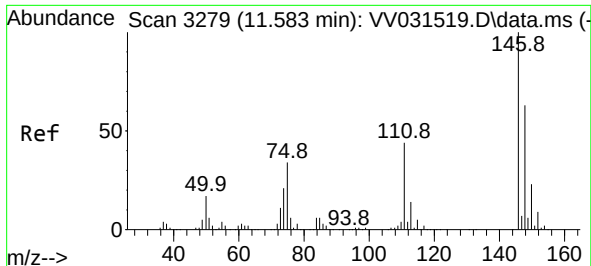
Ion Ratio Lower Upper

146 100

111 41.7 27.9 51.7

148 62.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 46.276 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

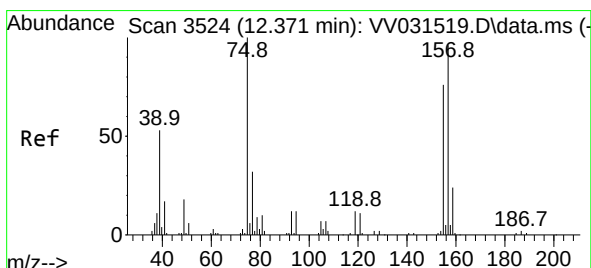
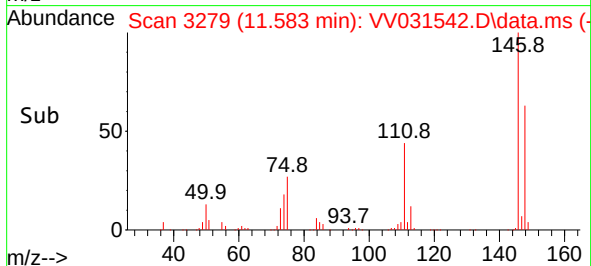
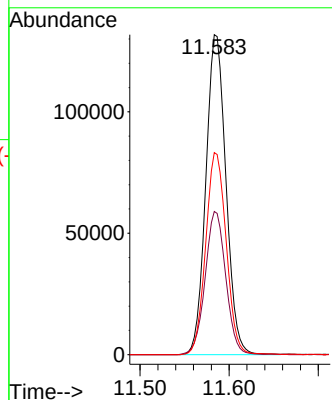
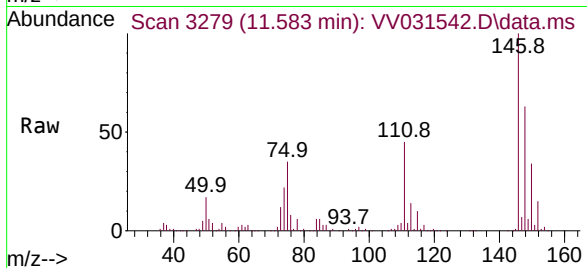
Tgt Ion:146 Resp: 206575

Ion Ratio Lower Upper

146 100

111 44.7 35.9 53.9

148 63.1 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.866 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

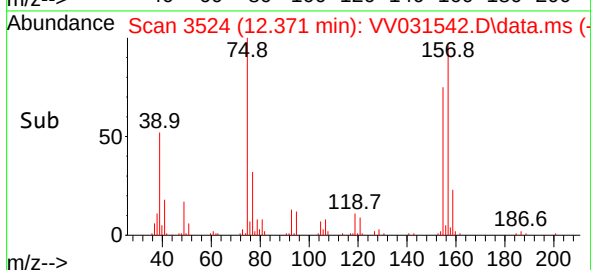
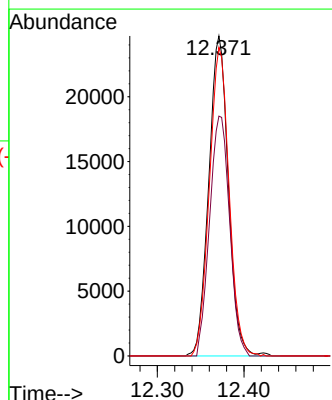
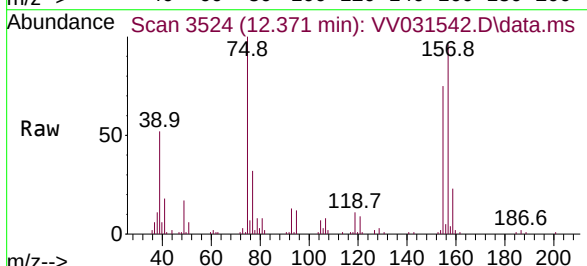
Tgt Ion: 75 Resp: 38829

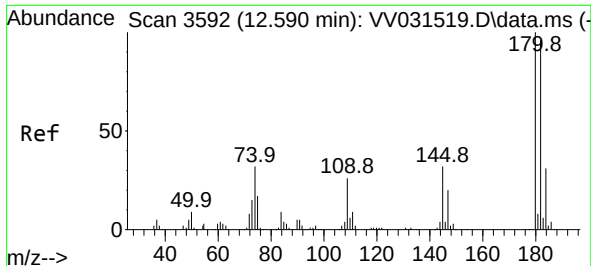
Ion Ratio Lower Upper

75 100

155 74.9 63.2 94.8

157 100.7 85.3 127.9

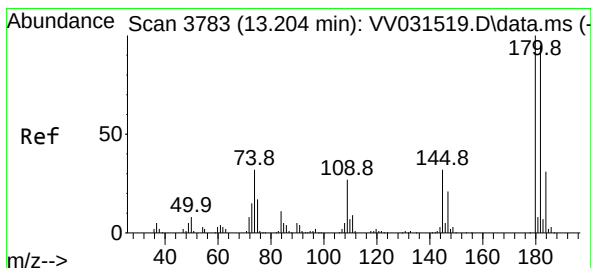
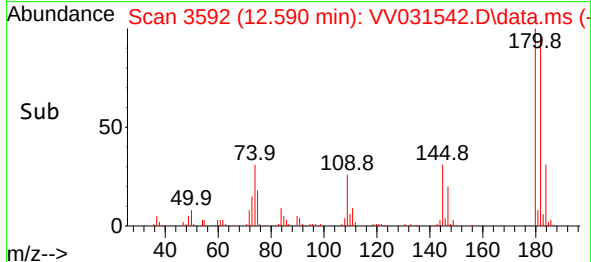
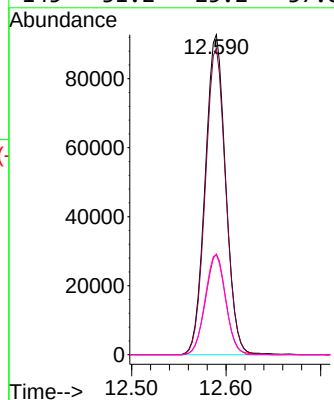
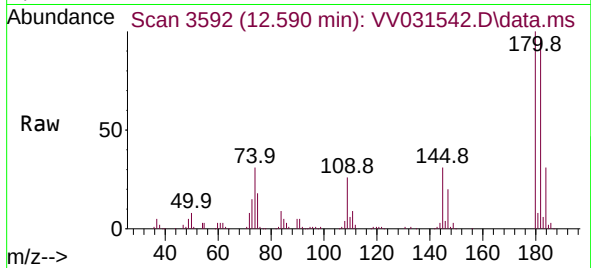




#69
 1,3,5-Trichlorobenzene
 Concen: 41.490 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

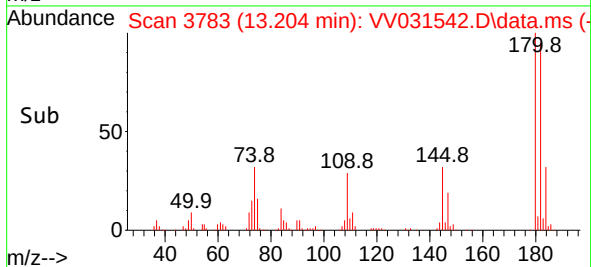
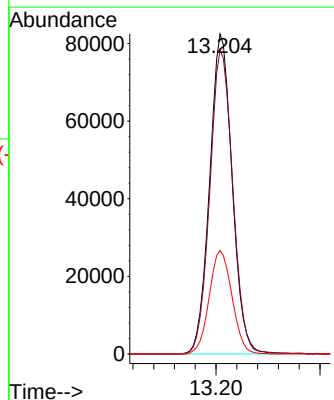
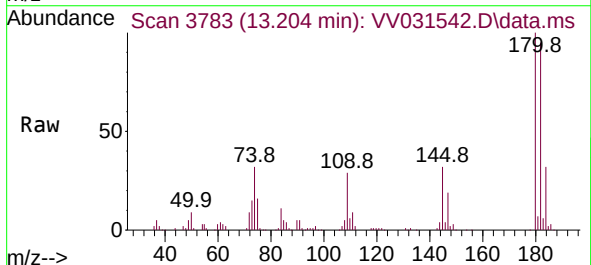
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MS

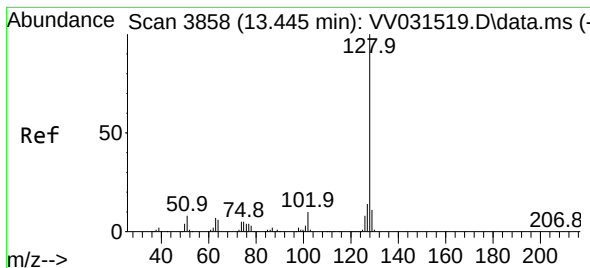
Tgt Ion:180 Resp: 139827
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 115.0
 184 31.1 24.7 37.1
 145 31.2 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 41.958 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: VV031542.D
 Acq: 15 Jun 2023 19:28

Tgt Ion:180 Resp: 123944
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.7 116.5
 145 32.7 26.1 39.1





#71

Naphthalene

Concen: 45.853 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MS

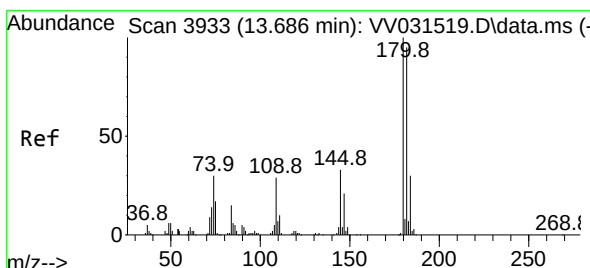
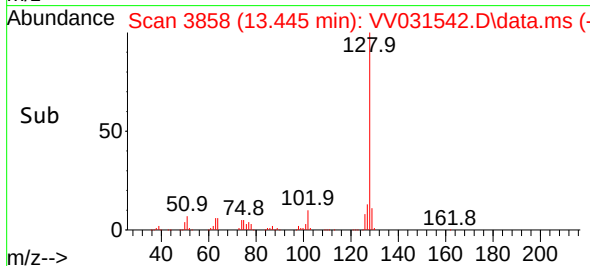
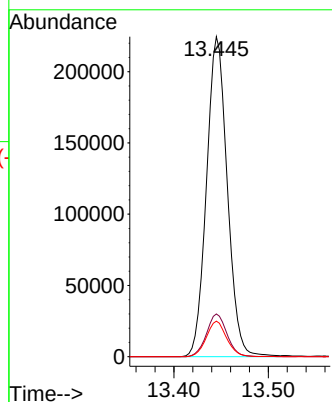
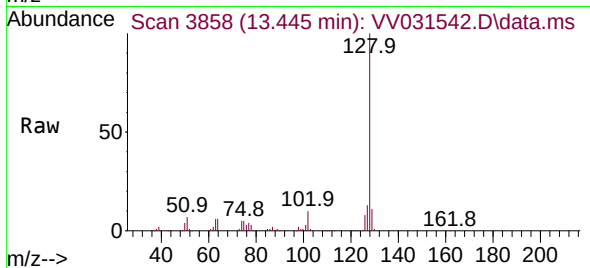
Tgt Ion:128 Resp: 343091

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 43.487 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031542.D

Acq: 15 Jun 2023 19:28

Tgt Ion:180 Resp: 133495

Ion Ratio Lower Upper

180 100

182 94.4 74.0 111.0

145 34.2 26.2 39.2

