

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031543.D
 Acq On : 15 Jun 2023 19:51
 Operator : SY/MD
 Sample : 03249-11MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MSD

Quant Time: Jun 16 02:52:19 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	250844	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	246185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	143700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66703	39.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.920%
7) Chloroethane-d5	1.539	69	61772	42.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.820%
11) 1,1-Dichloroethene-d2	2.066	65	34892	40.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.100%
21) 2-Butanone-d5	3.802	46	127769	94.518	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.520%
24) Chloroform-d	4.259	84	179510	42.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
26) 1,2-Dichloroethane-d4	4.950	65	113616	43.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
32) Benzene-d6	4.970	84	312832	45.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
36) 1,2-Dichloropropane-d6	5.995	67	109554	44.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.220%
41) Toluene-d8	7.249	98	292326	45.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.940%
43) trans-1,3-Dichloroprop...	7.558	79	54263	45.321	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.640%
47) 2-Hexanone-d5	8.030	63	95002	97.967	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.970%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	165530	44.651	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.300%
66) 1,2-Dichlorobenzene-d4	11.567	152	125330	45.755	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	105489	39.647	ug/L	98
3) Chloromethane	1.217	50	111904	44.571	ug/L	98
5) Vinyl chloride	1.288	62	112363	45.147	ug/L	98
6) Bromomethane	1.494	94	70601	43.523	ug/L	99
8) Chloroethane	1.555	64	70987	44.160	ug/L	98
9) Trichlorofluoromethane	1.719	101	184827	44.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	90100	40.605	ug/L	99
12) 1,1-Dichloroethene	2.076	96	87769	47.288	ug/L	96
13) Acetone	2.127	43	84486	63.338	ug/L	99
14) Carbon disulfide	2.249	76	263611	46.953	ug/L	99
15) Methyl Acetate	2.381	43	97369	43.356	ug/L	100
16) Methylene chloride	2.455	84	103653	44.544	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	92287	47.634	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	325257	50.313	ug/L	99
19) 1,1-Dichloroethane	3.121	63	227015	54.290	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	118909	56.792	ug/L	98
22) 2-Butanone	3.883	43	139134	83.496	ug/L	98
23) Bromochloromethane	4.159	128	55290	48.853	ug/L	94
25) Chloroform	4.288	83	213236	49.056	ug/L	99

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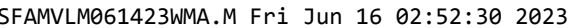
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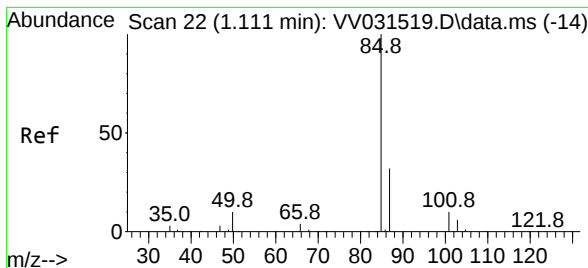
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	159278	47.477	ug/L	96
29) Cyclohexane	4.593	56	149853	46.786	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	266554	67.532	ug/L	99
31) Carbon tetrachloride	4.744	117	164043	46.906	ug/L	99
33) Benzene	5.018	78	397588	48.508	ug/L	100
34) Trichloroethene	5.841	95	108208	49.405	ug/L	87
35) Methylcyclohexane	6.059	83	140769	43.620	ug/L	99
37) 1,2-Dichloropropane	6.101	63	116132	48.251	ug/L	99
38) Bromodichloromethane	6.439	83	156129	47.992	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	174951	48.968	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	294135	104.077	ug/L	99
42) Toluene	7.323	91	420758	49.511	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	169507	48.719	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	108085	47.538	ug/L	99
46) Tetrachloroethene	7.912	164	84022	48.879	ug/L	97
48) 2-Hexanone	8.082	43	223707	99.112	ug/L	97
49) Dibromochloromethane	8.182	129	122159	48.342	ug/L	95
50) 1,2-Dibromoethane	8.288	107	116415	48.087	ug/L	99
51) Chlorobenzene	8.821	112	265334	47.141	ug/L	99
52) Ethylbenzene	8.953	91	464059	48.938	ug/L	100
53) m,p-Xylene	9.079	106	170747	49.169	ug/L	95
54) o-Xylene	9.484	106	165683	50.276	ug/L	100
55) Styrene	9.500	104	303756	51.611	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	181538	48.867	ug/L	97
59) Bromoform	9.670	173	92091	51.700	ug/L #	100
60) Isopropylbenzene	9.873	105	464061	50.655	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	138611	48.836	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	385427	50.904	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	363837	51.572	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	220731	48.058	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	229142	46.818	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	226685	48.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	41096	48.784	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	160092	45.744	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	144931	47.245	ug/L	98
71) Naphthalene	13.445	128	400188	51.503	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	153563	48.172	ug/L	96

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

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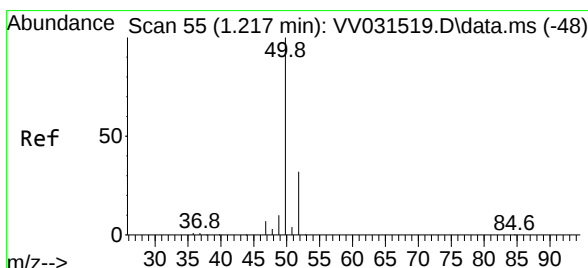
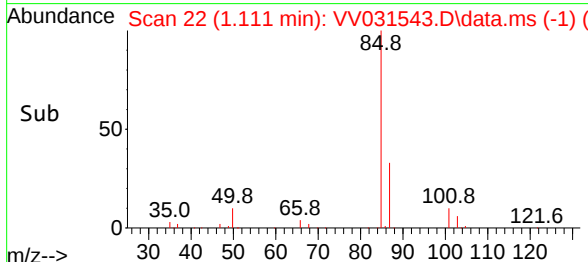
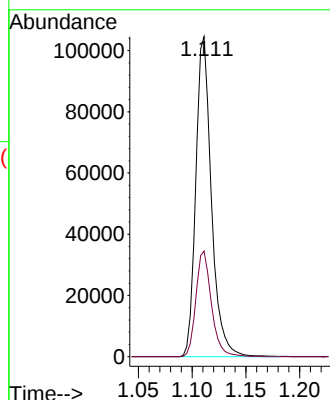
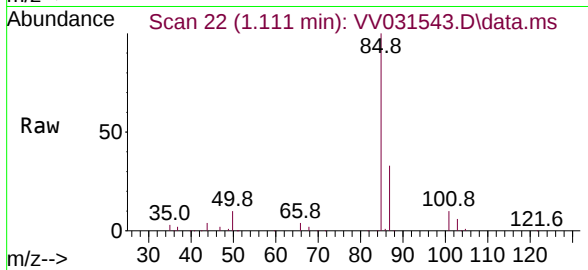




#2
 Dichlorodifluoromethane
 Concen: 39.647 ug/L
 RT: 1.111 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

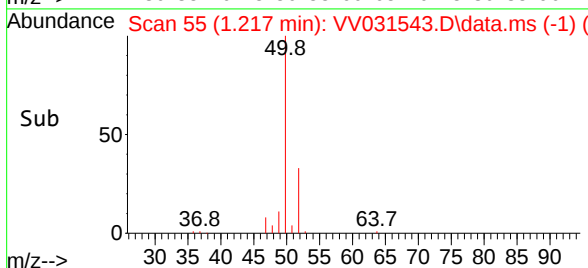
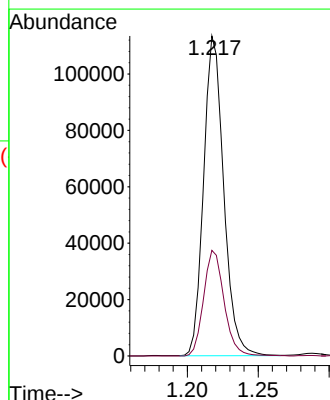
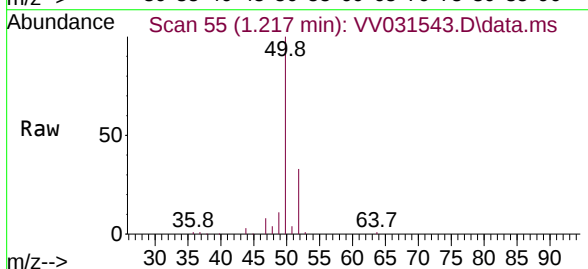
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MSD

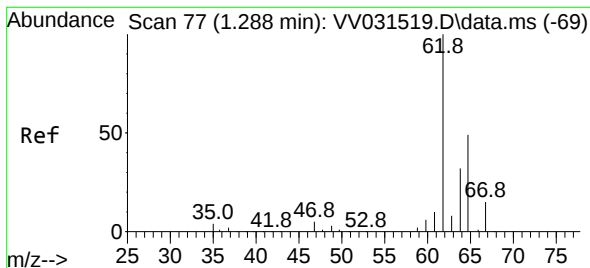
Tgt Ion: 85 Resp: 105489
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 44.571 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

Tgt Ion: 50 Resp: 111904
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5





#5

Vinyl chloride

Concen: 45.147 ug/L

RT: 1.288 min Scan# 77

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

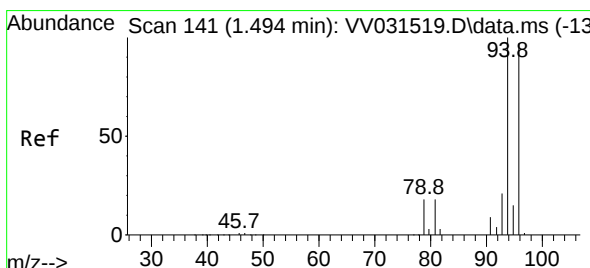
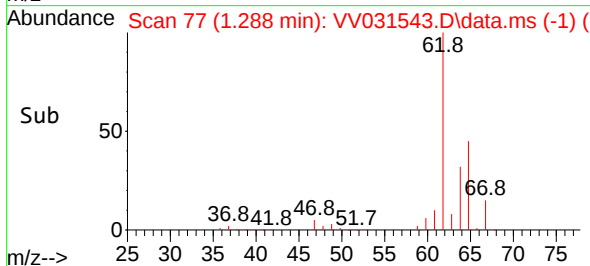
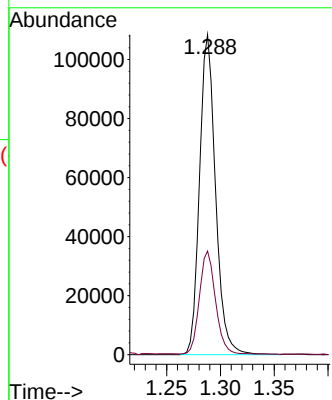
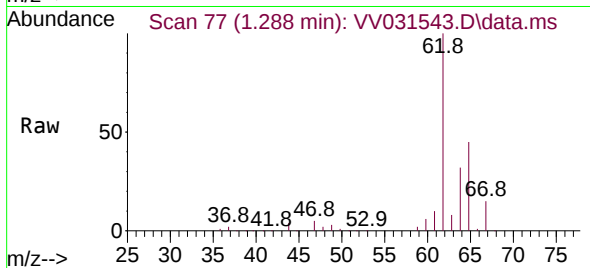
EXYT1MSD

Tgt Ion: 62 Resp: 112363

Ion Ratio Lower Upper

62 100

64 32.4 23.4 43.4



#6

Bromomethane

Concen: 43.523 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.000 min

Lab File: VV031543.D

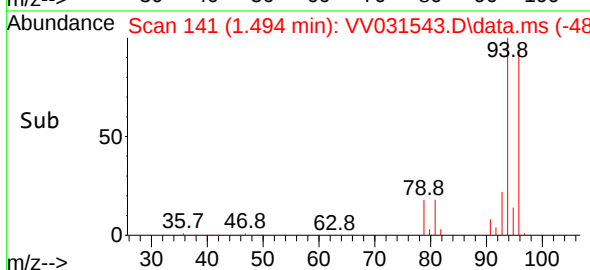
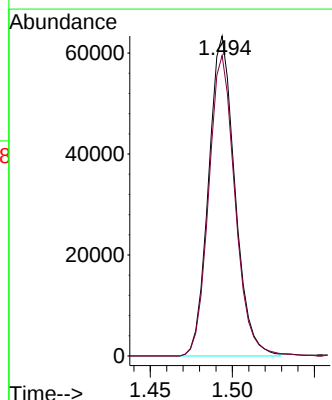
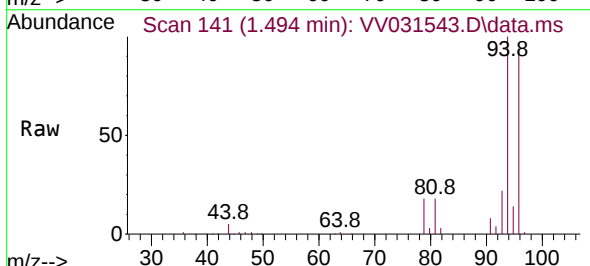
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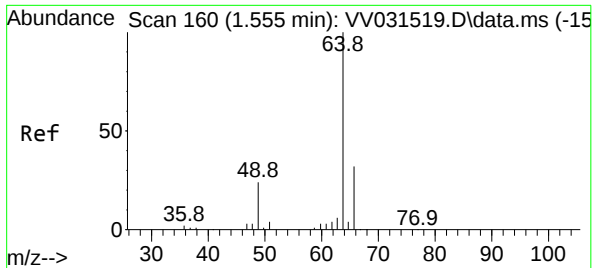
Tgt Ion: 94 Resp: 70601

Ion Ratio Lower Upper

94 100

96 93.9 65.4 121.4

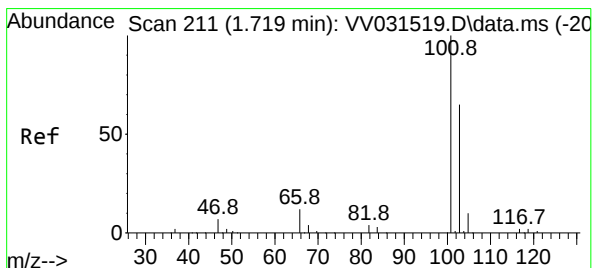
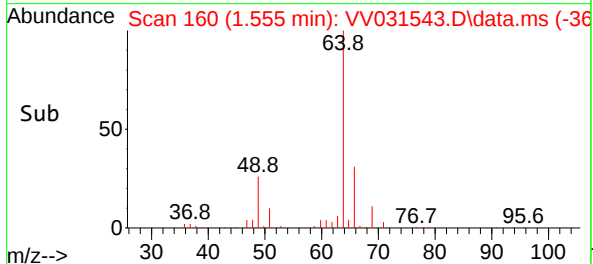
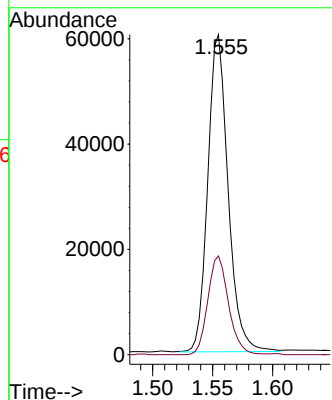
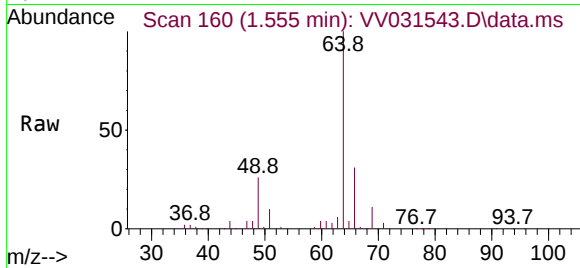




#8
Chloroethane
Concen: 44.160 ug/L
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

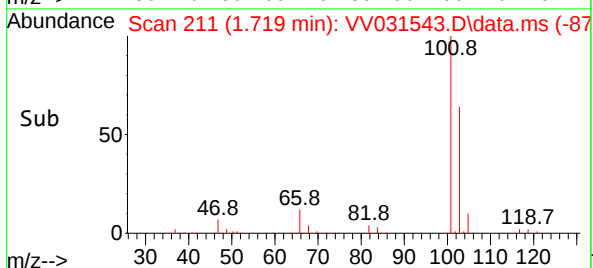
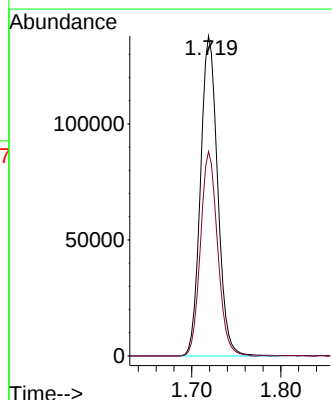
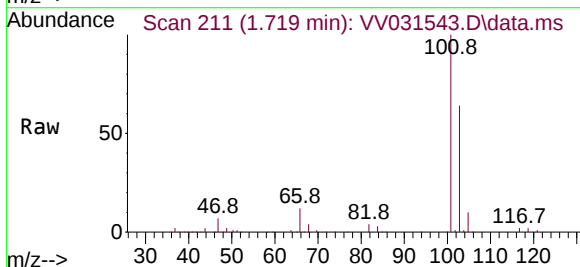
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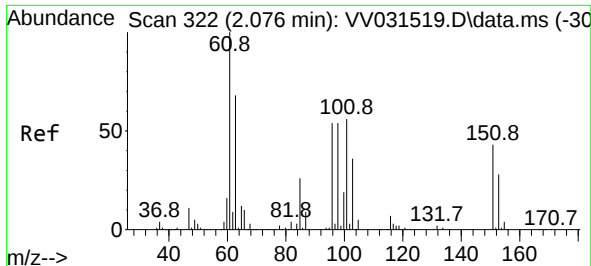
Tgt Ion: 64 Resp: 70987
Ion Ratio Lower Upper
64 100
66 30.8 21.0 39.0



#9
Trichlorofluoromethane
Concen: 44.638 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion:101 Resp: 184827
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3

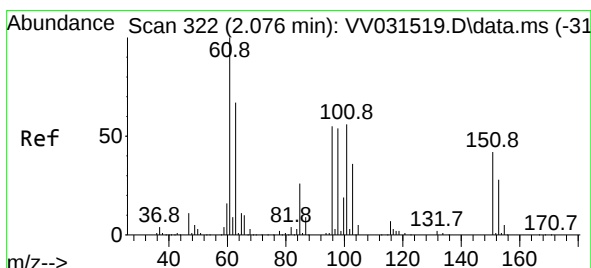
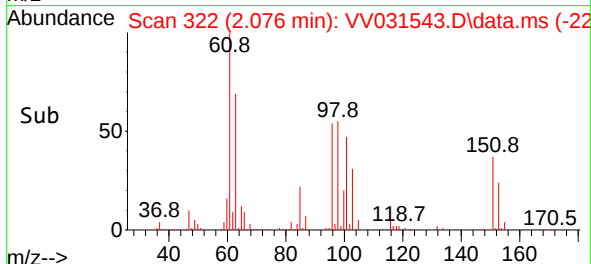
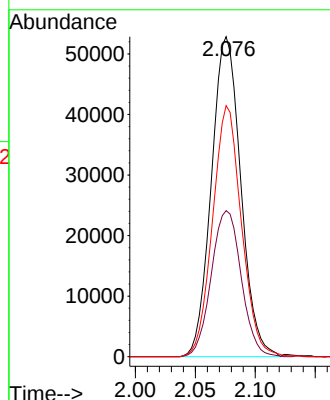
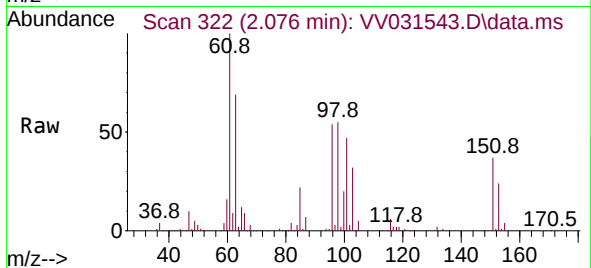




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.605 ug/L
 RT: 2.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

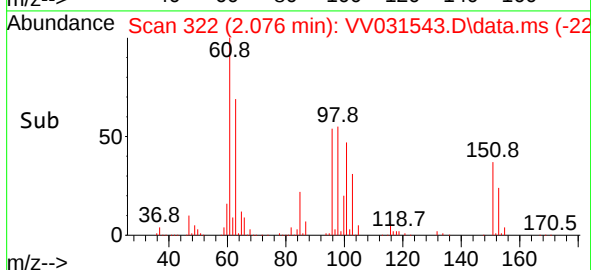
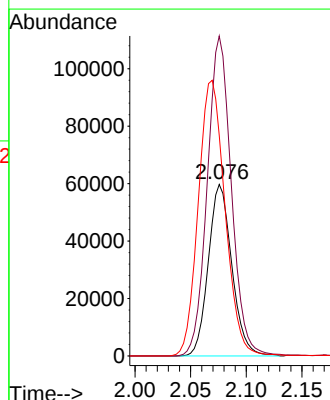
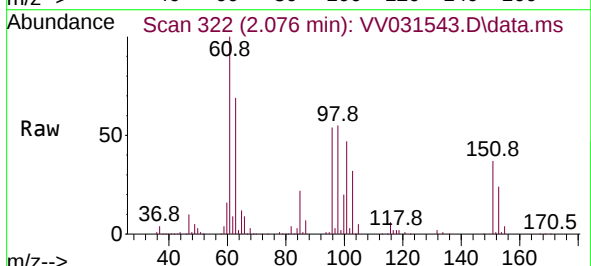
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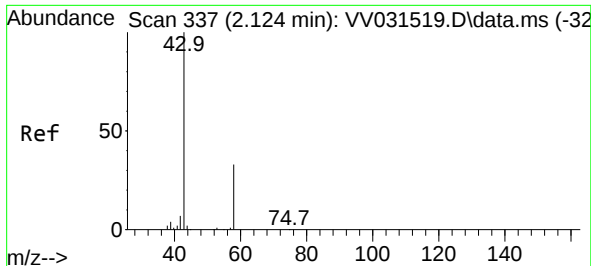
Tgt Ion:101 Resp: 90100
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.4 56.0
 151 76.9 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 47.288 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

Tgt Ion: 96 Resp: 87769
 Ion Ratio Lower Upper
 96 100
 61 186.5 128.9 239.5
 63 128.6 95.3 177.1





#13

Acetone

Concen: 63.338 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

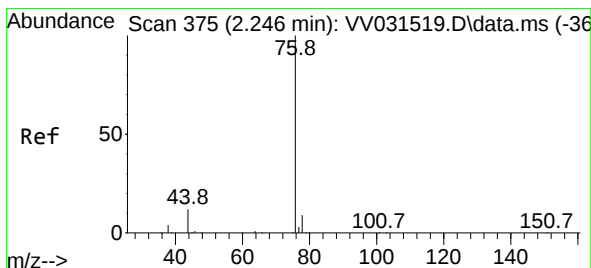
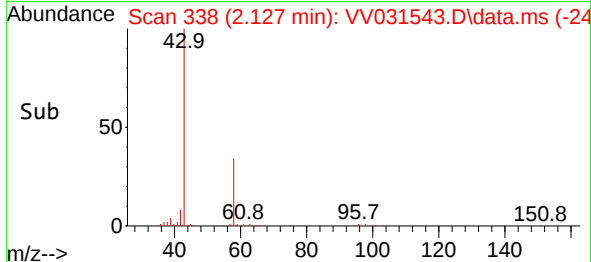
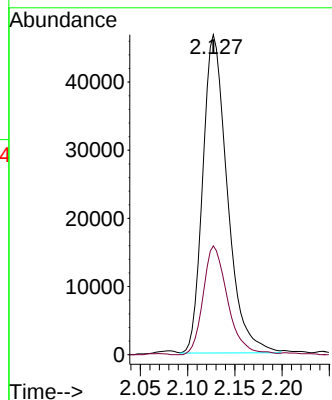
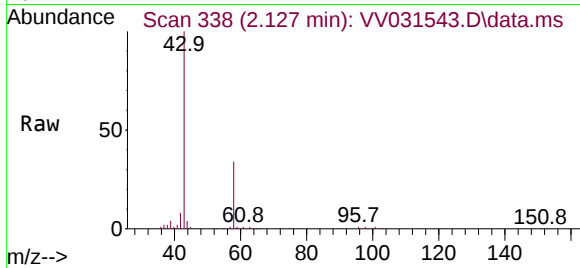
EXYT1MSD

Tgt Ion: 43 Resp: 84486

Ion Ratio Lower Upper

43 100

58 33.8 0.0 68.6



#14

Carbon disulfide

Concen: 46.953 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV031543.D

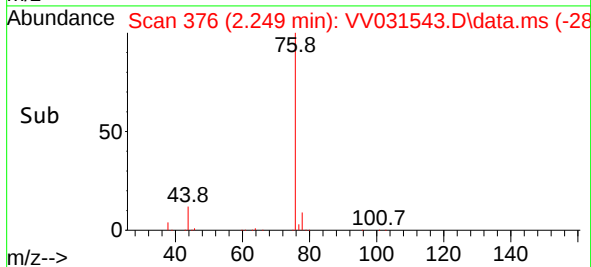
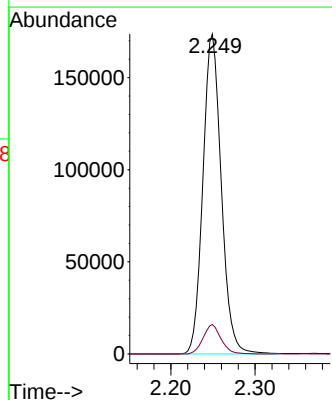
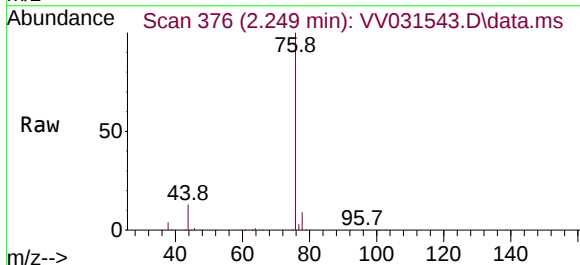
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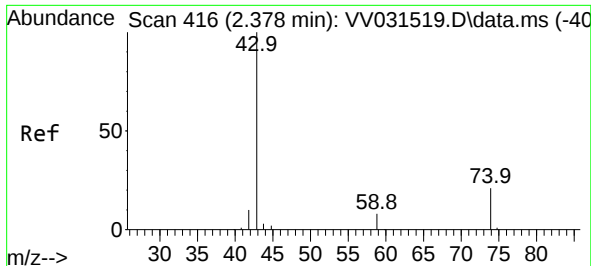
Tgt Ion: 76 Resp: 263611

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

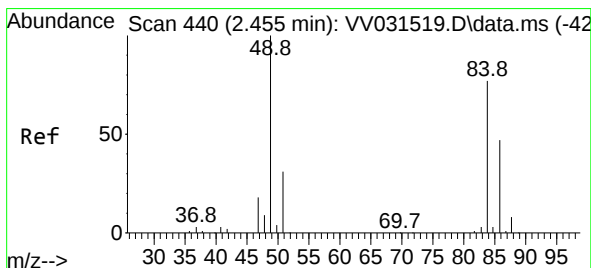
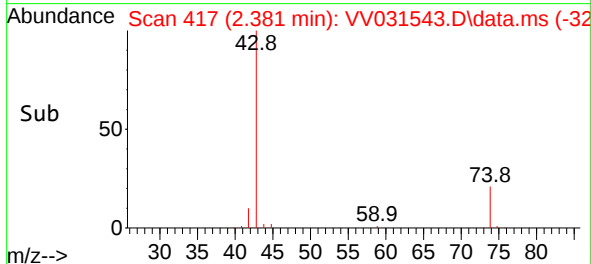
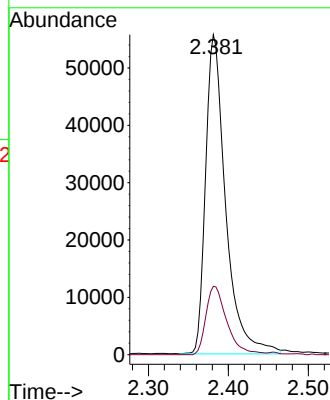
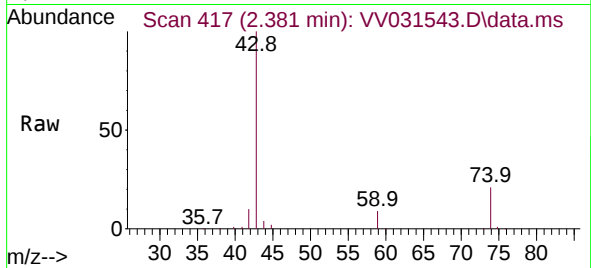




#15
Methyl Acetate
Concen: 43.356 ug/L
RT: 2.381 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

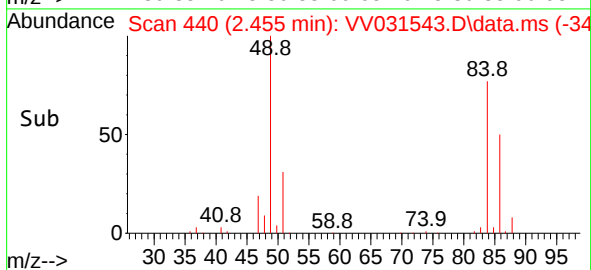
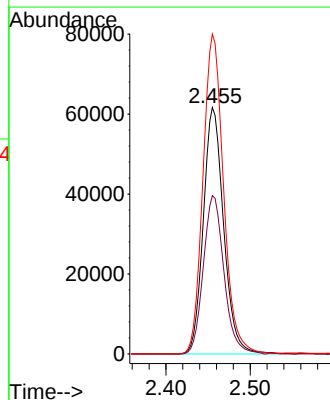
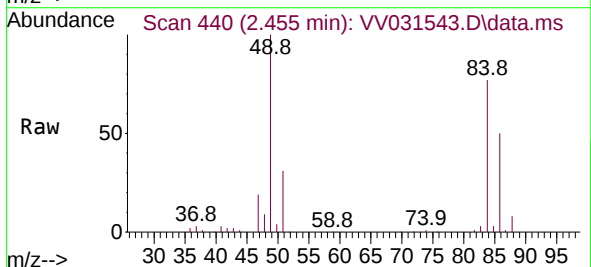
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

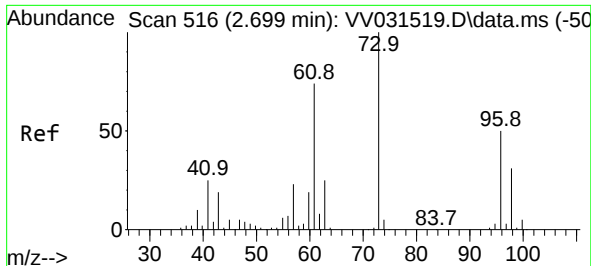
Tgt Ion: 43 Resp: 97369
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6



#16
Methylene chloride
Concen: 44.544 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 84 Resp: 103653
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 129.8 92.1 171.1





#17

trans-1,2-Dichloroethene

Concen: 47.634 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

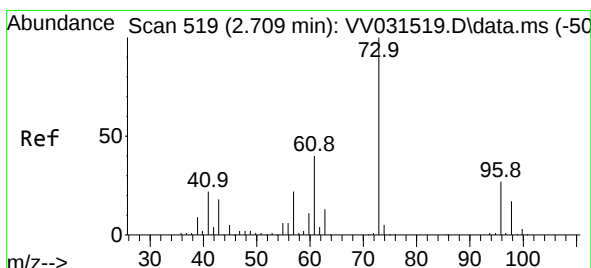
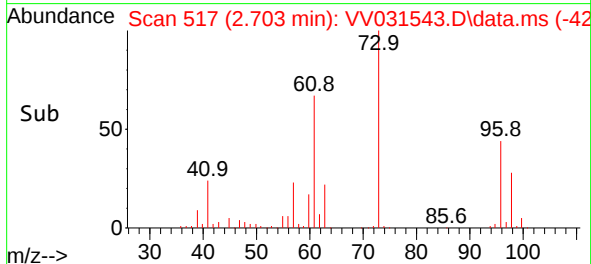
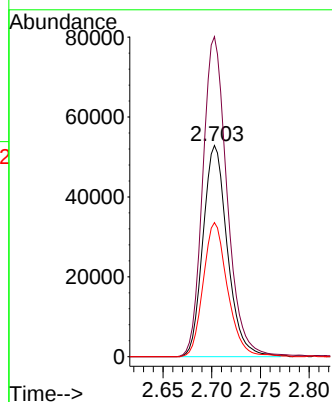
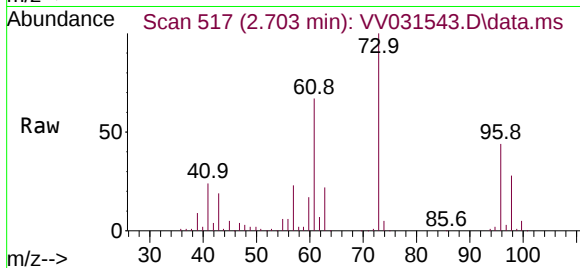
Tgt Ion: 96 Resp: 92287

Ion Ratio Lower Upper

96 100

61 151.5 102.5 190.3

98 63.5 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 50.313 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

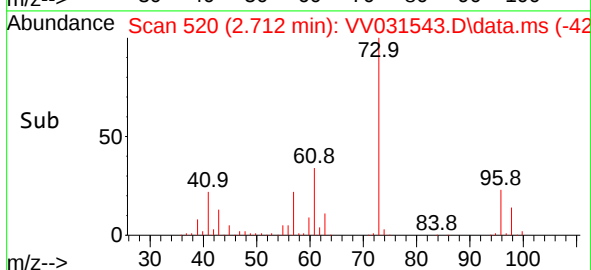
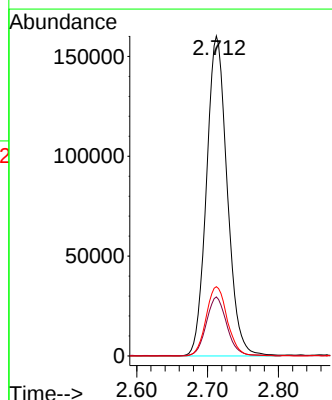
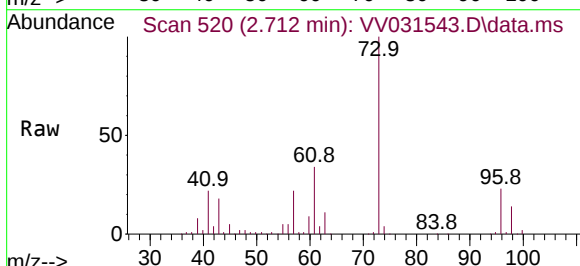
Tgt Ion: 73 Resp: 325257

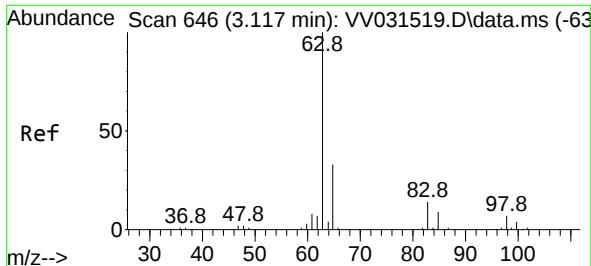
Ion Ratio Lower Upper

73 100

43 18.0 15.0 22.4

57 22.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 54.290 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

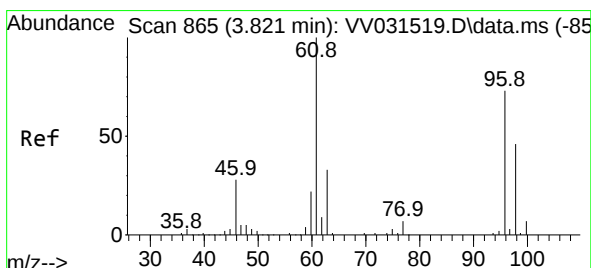
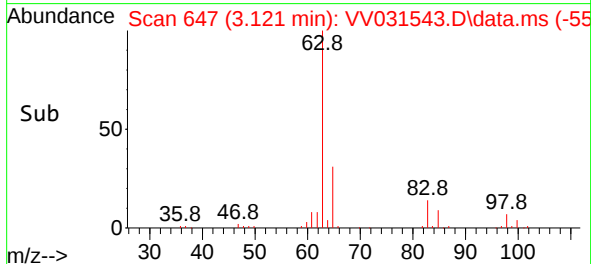
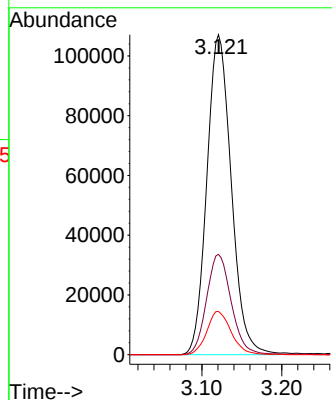
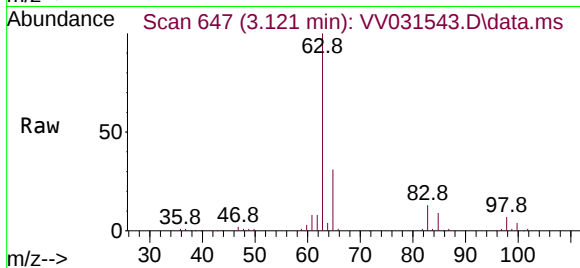
Tgt Ion: 63 Resp: 227015

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.7

83 14.1 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 56.792 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

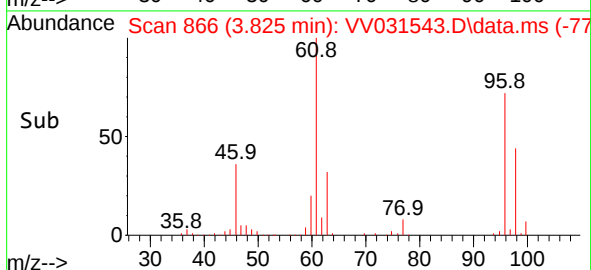
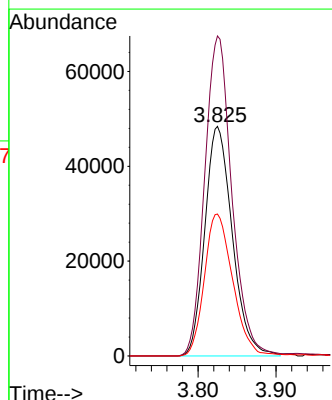
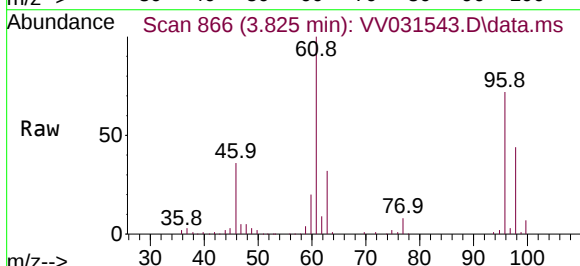
Tgt Ion: 96 Resp: 118909

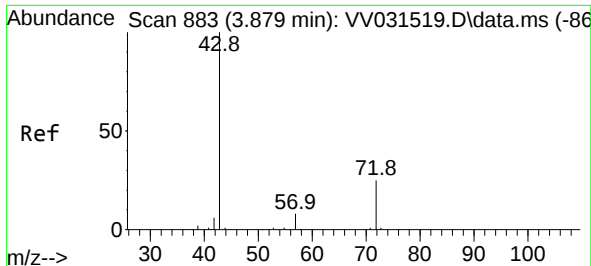
Ion Ratio Lower Upper

96 100

61 139.4 98.6 183.0

98 61.8 45.7 84.9

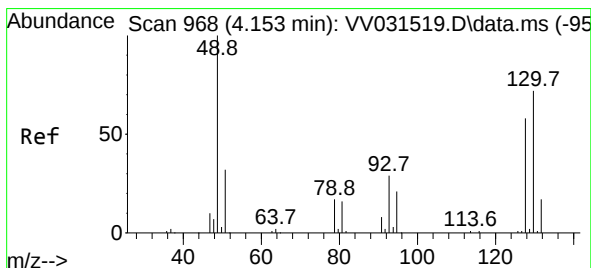
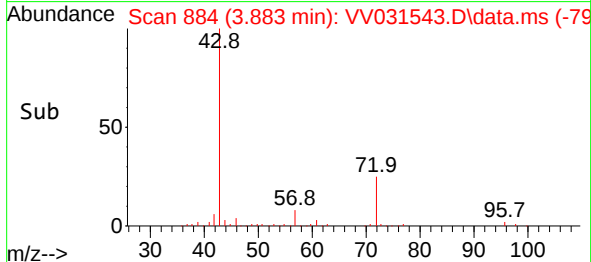
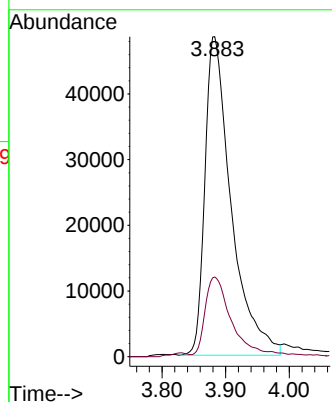
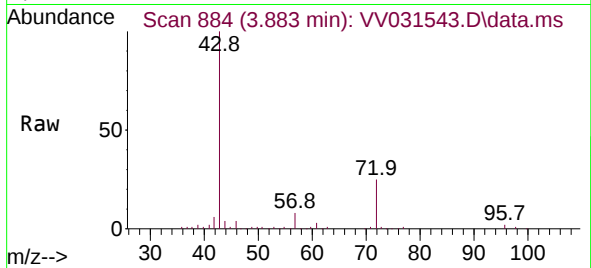




#22
2-Butanone
Concen: 83.496 ug/L
RT: 3.883 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

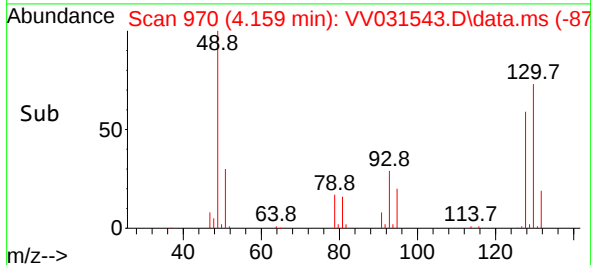
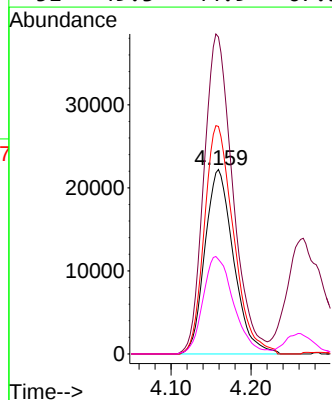
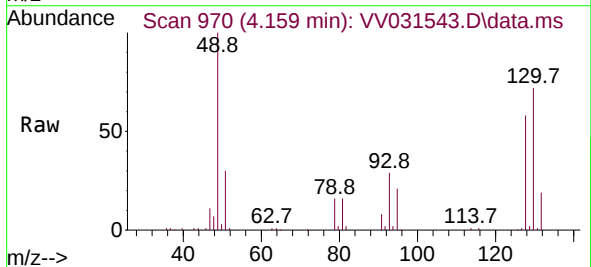
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

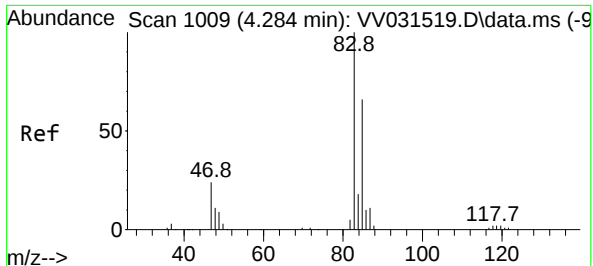
Tgt Ion: 43 Resp: 139134
Ion Ratio Lower Upper
43 100
72 23.3 12.2 36.4



#23
Bromochloromethane
Concen: 48.853 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.007 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 128 Resp: 55290
Ion Ratio Lower Upper
128 100
49 165.2 120.6 224.0
130 120.0 88.1 163.7
51 49.3 44.9 67.3

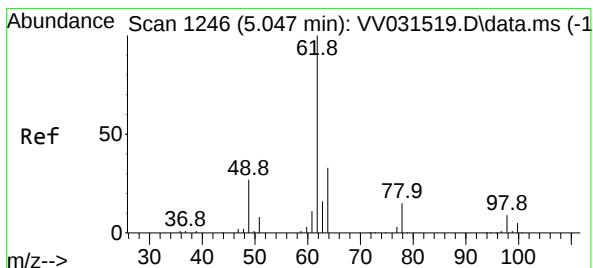
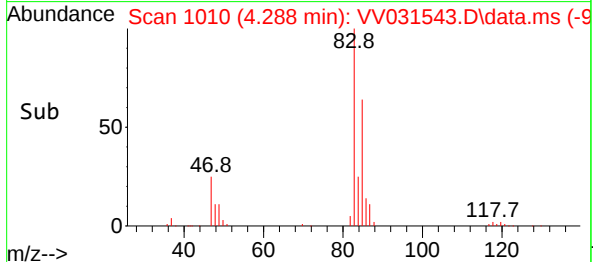
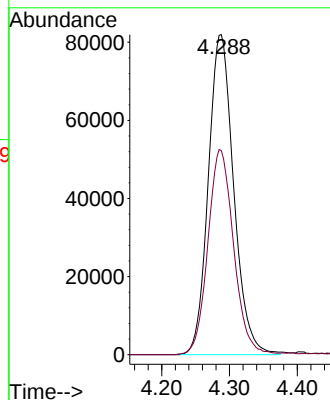
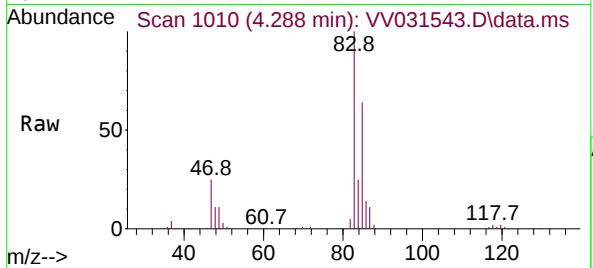




#25
Chloroform
Concen: 49.056 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

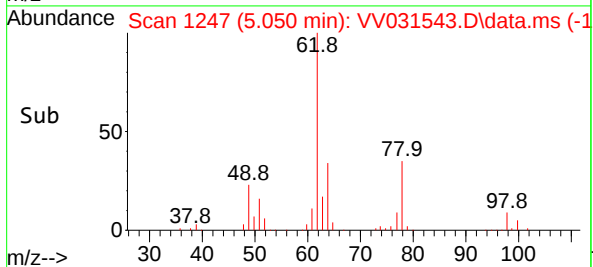
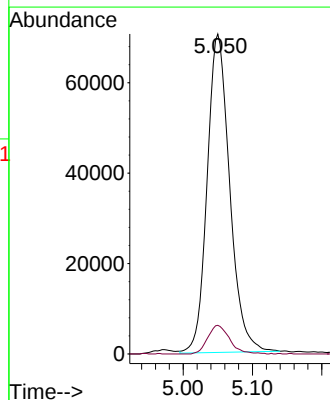
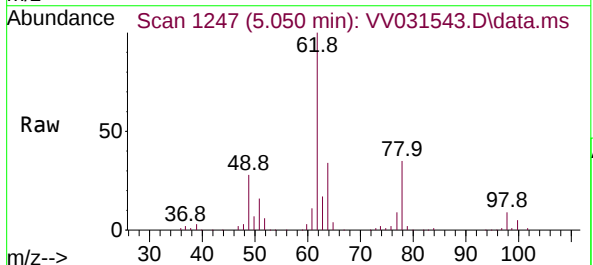
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

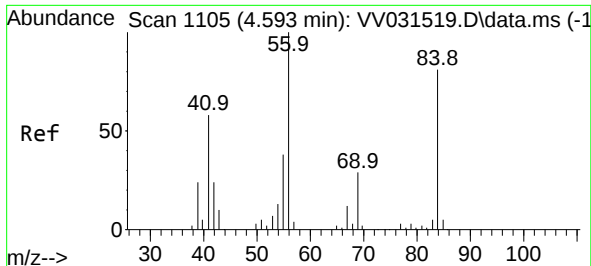
Tgt Ion: 83 Resp: 213236
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 47.477 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 62 Resp: 159278
Ion Ratio Lower Upper
62 100
98 9.6 6.6 9.8





#29

Cyclohexane

Concen: 46.786 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

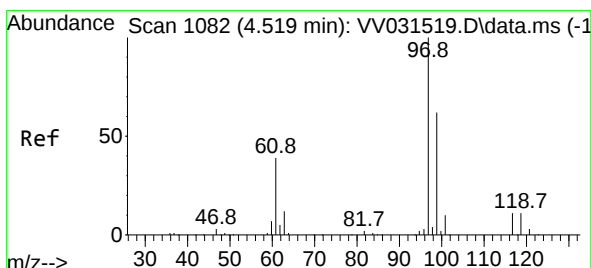
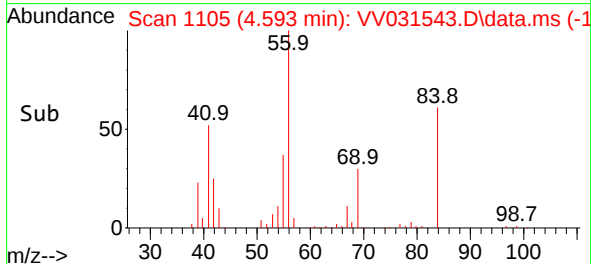
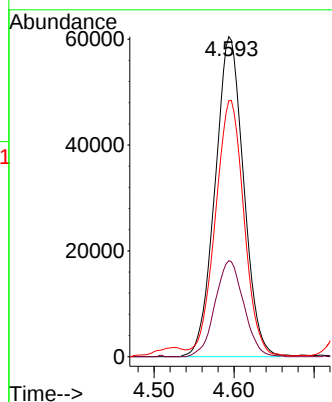
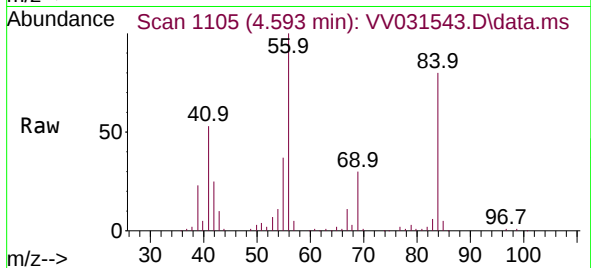
Tgt Ion: 56 Resp: 149853

Ion Ratio Lower Upper

56 100

69 30.1 24.3 36.5

84 78.9 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 67.532 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

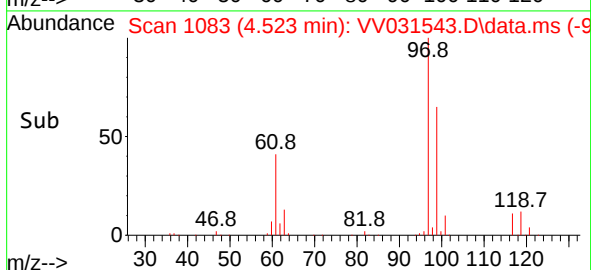
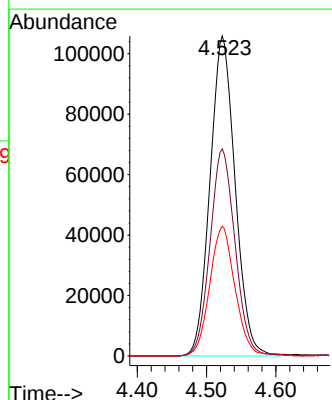
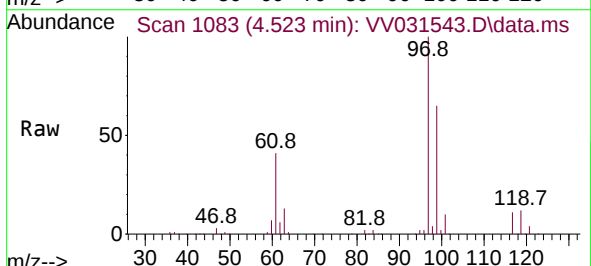
Tgt Ion: 97 Resp: 266554

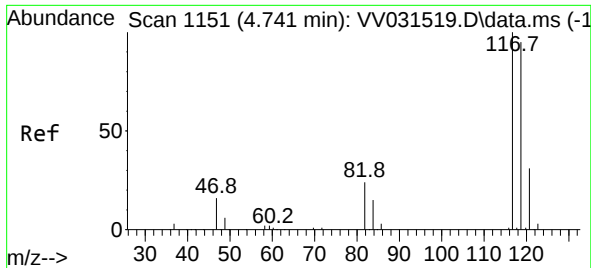
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 40.6 33.0 49.6

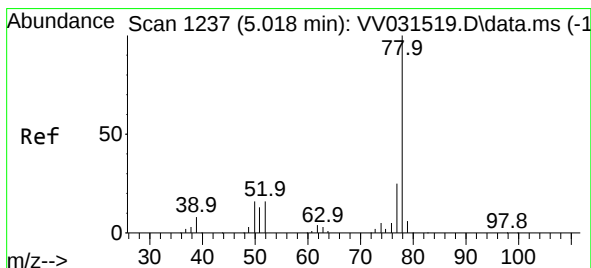
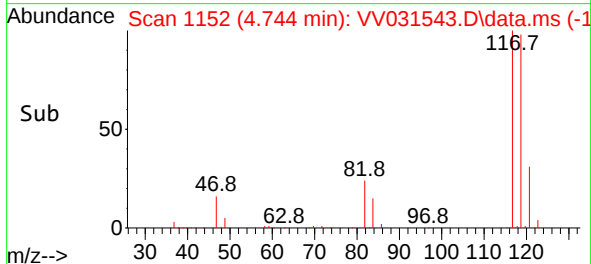
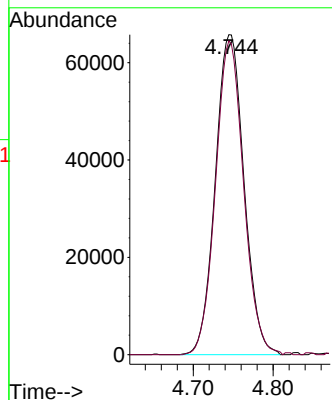
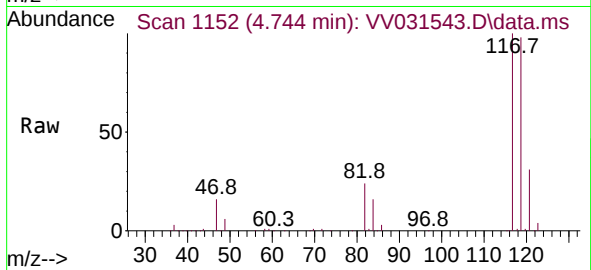




#31
Carbon tetrachloride
Concen: 46.906 ug/L
RT: 4.744 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

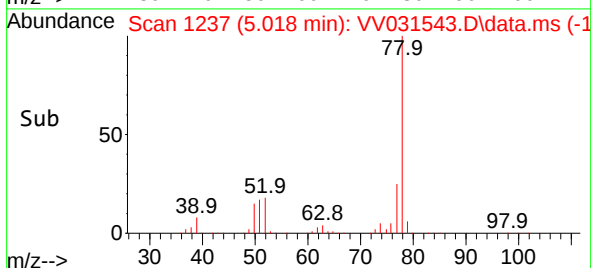
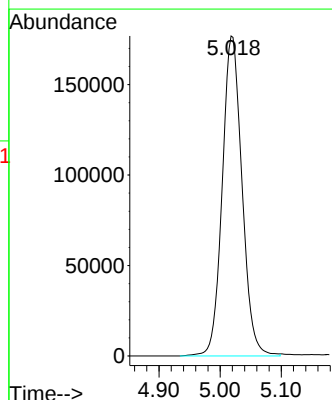
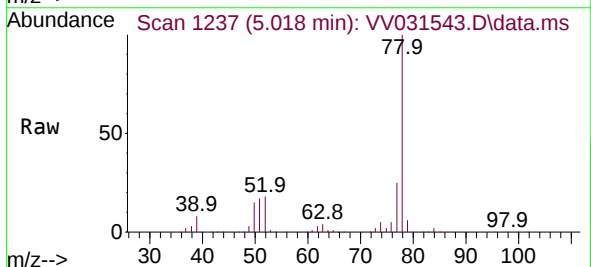
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

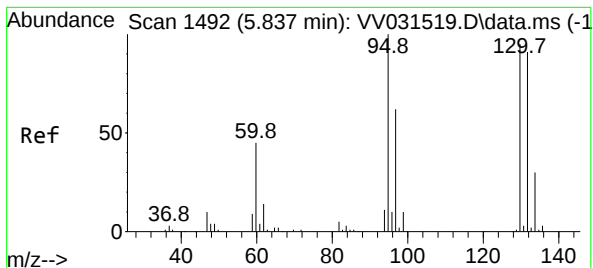
Tgt Ion:117 Resp: 164043
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.4



#33
Benzene
Concen: 48.508 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 78 Resp: 397588





#34

Trichloroethene

Concen: 49.405 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

Tgt Ion: 95 Resp: 108208

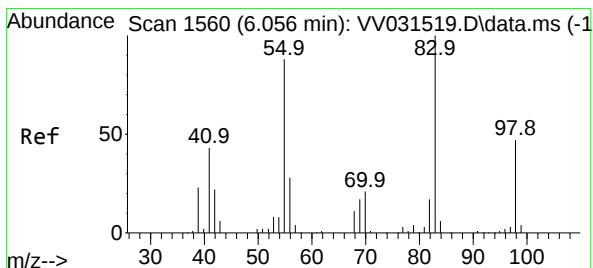
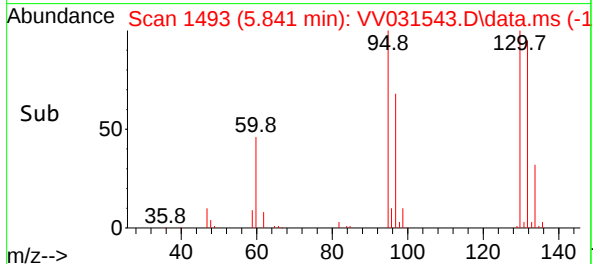
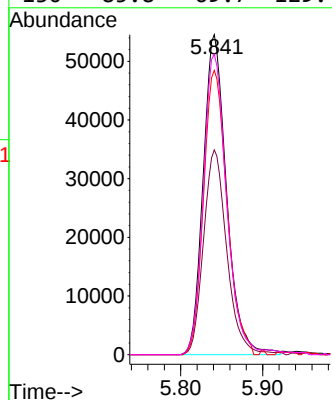
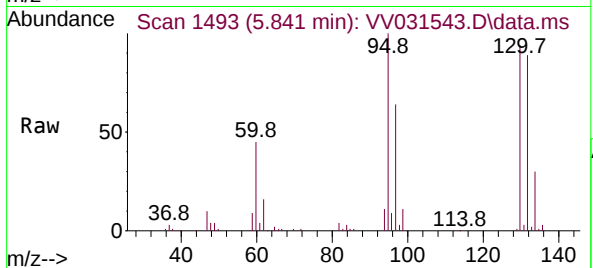
Ion Ratio Lower Upper

95 100

97 58.4 46.8 86.8

132 81.1 66.4 123.2

130 85.8 69.7 129.4



#35

Methylcyclohexane

Concen: 43.620 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

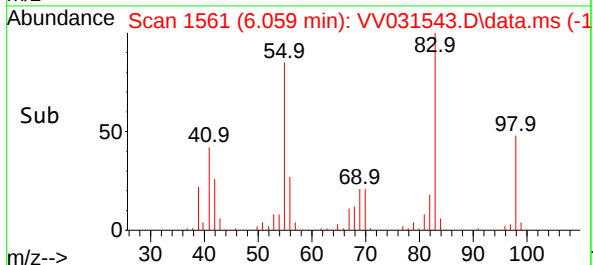
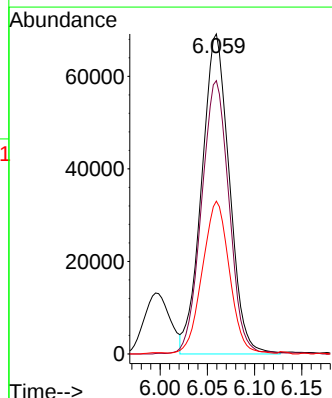
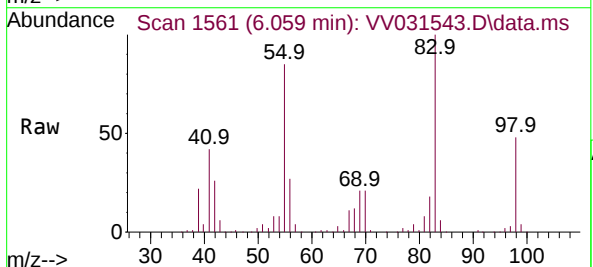
Tgt Ion: 83 Resp: 140769

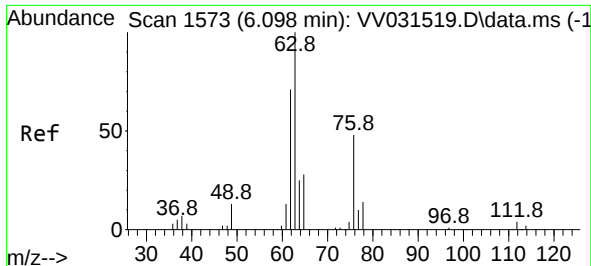
Ion Ratio Lower Upper

83 100

55 84.4 68.7 103.1

98 47.0 37.0 55.4





#37

1,2-Dichloropropane

Concen: 48.251 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

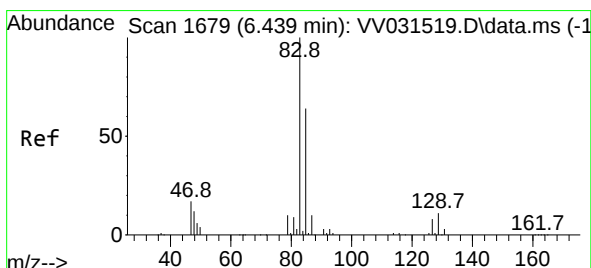
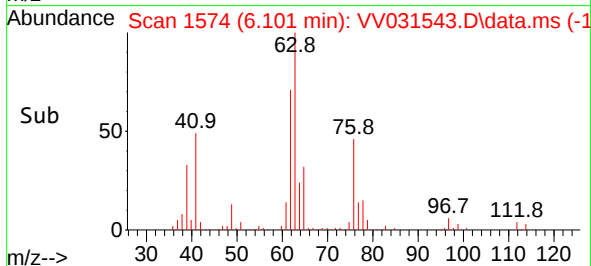
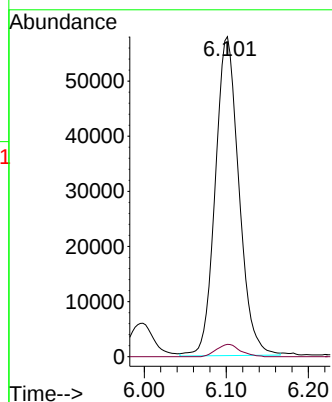
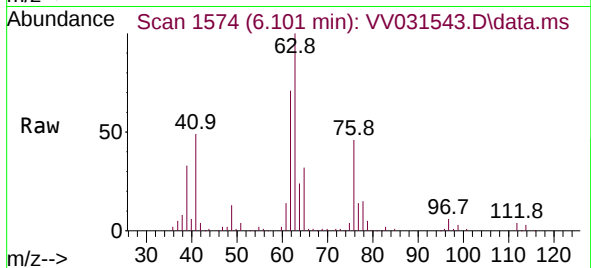
EXYT1MSD

Tgt Ion: 63 Resp: 116132

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 47.992 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

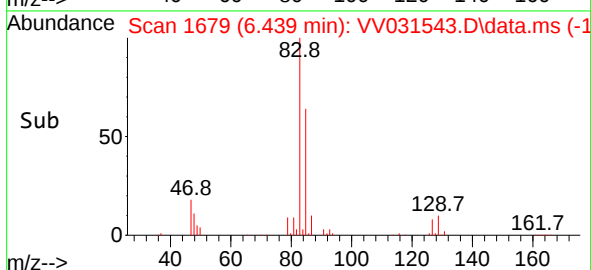
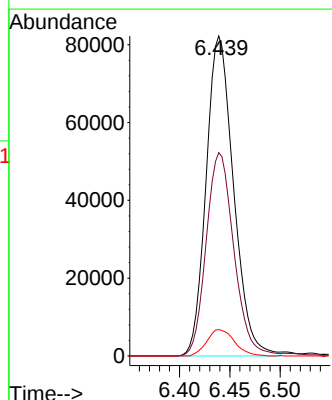
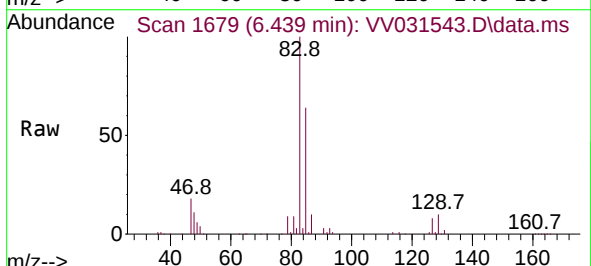
Tgt Ion: 83 Resp: 156129

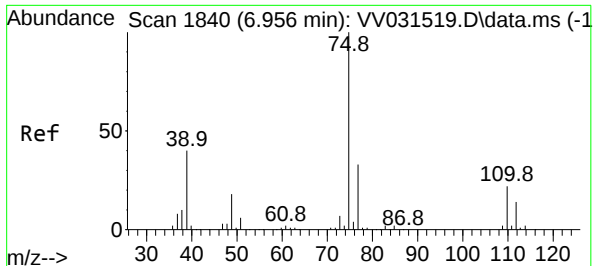
Ion Ratio Lower Upper

83 100

85 63.5 45.3 84.1

127 9.2 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 48.968 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

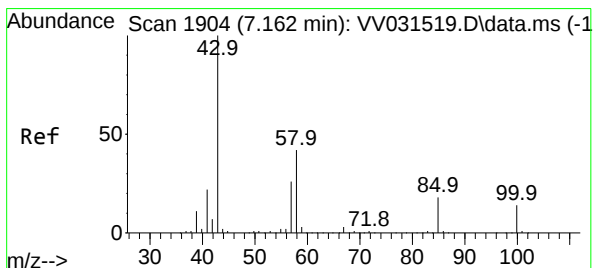
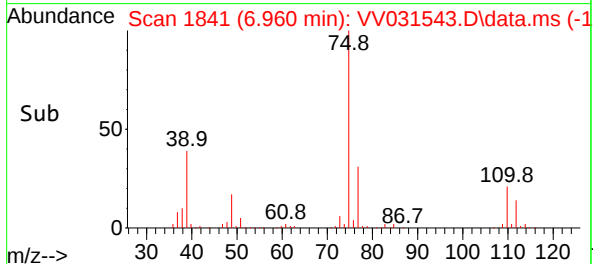
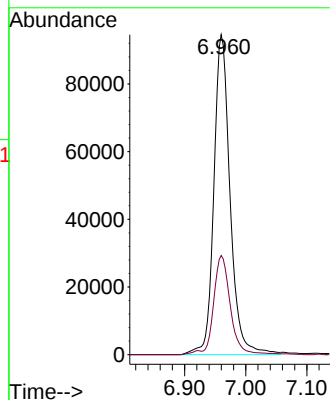
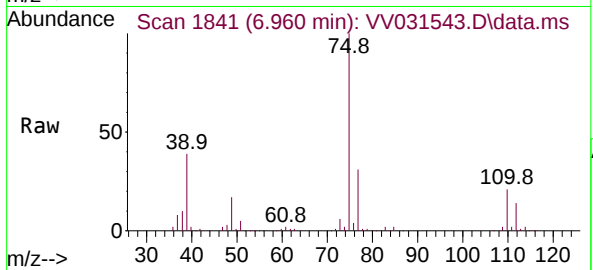
EXYT1MSD

Tgt Ion: 75 Resp: 174951

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 104.077 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

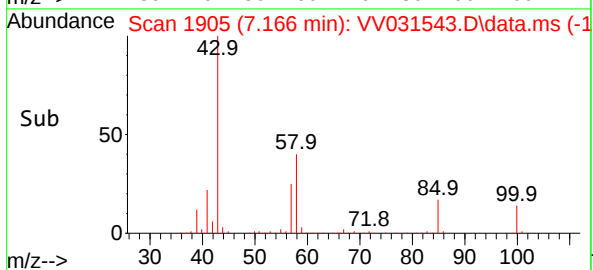
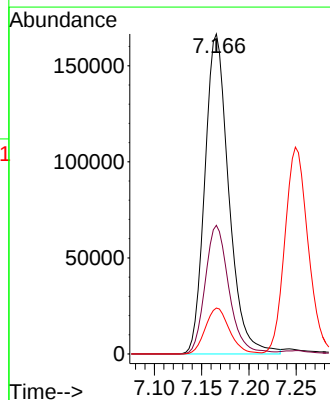
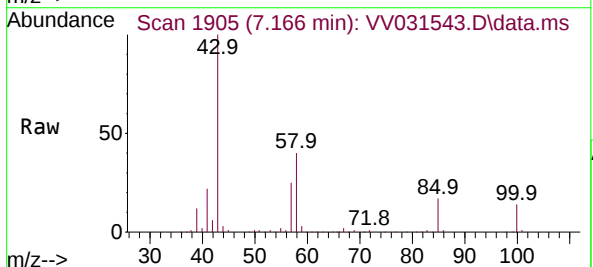
Tgt Ion: 43 Resp: 294135

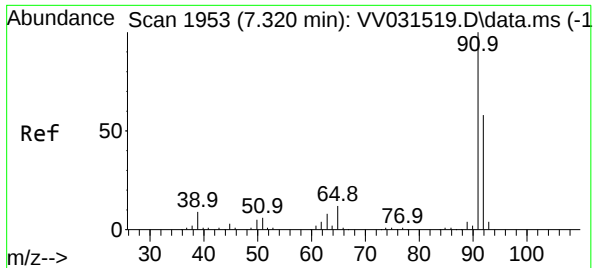
Ion Ratio Lower Upper

43 100

58 40.0 31.8 47.8

100 14.5 11.1 16.7





#42

Toluene

Concen: 49.511 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

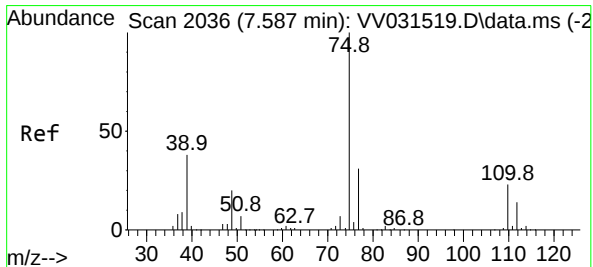
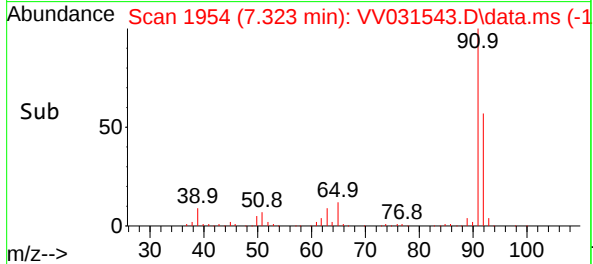
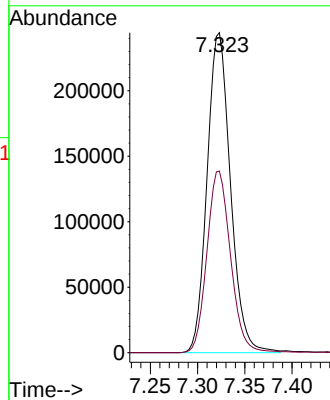
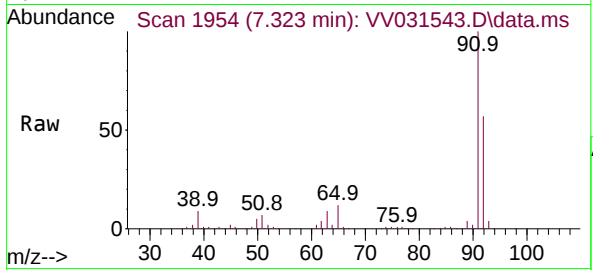
EXYT1MSD

Tgt Ion: 91 Resp: 420758

Ion Ratio Lower Upper

91 100

92 56.7 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 48.719 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031543.D

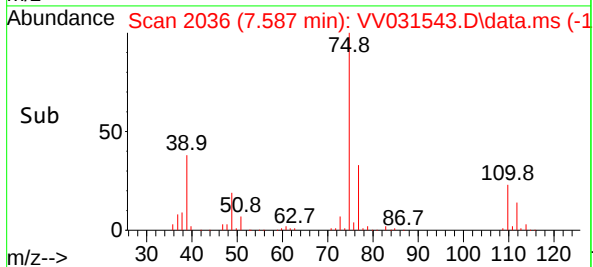
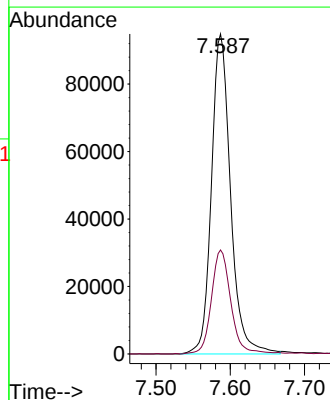
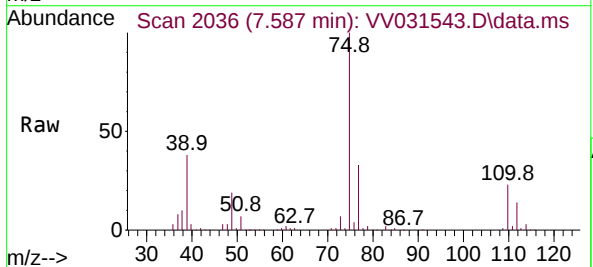
Acq: 15 Jun 2023 19:51

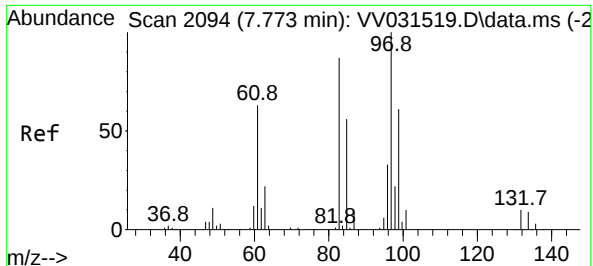
Tgt Ion: 75 Resp: 169507

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1

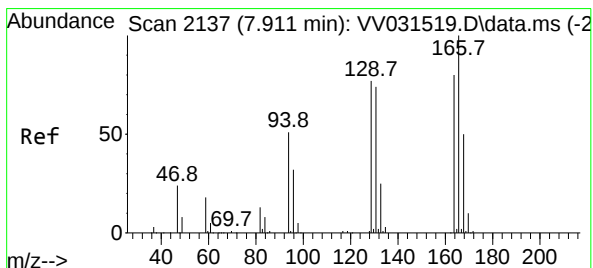
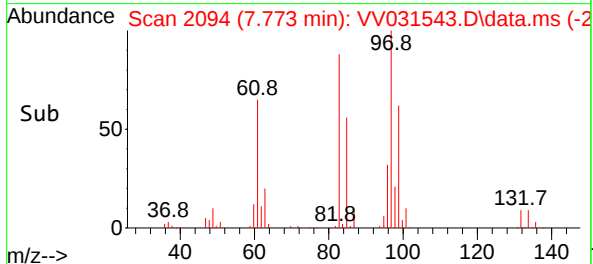
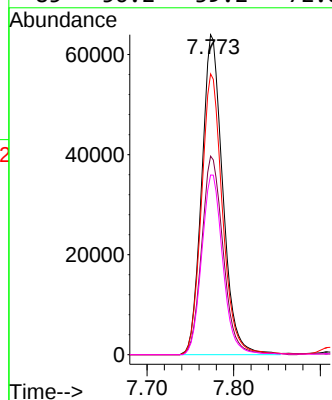
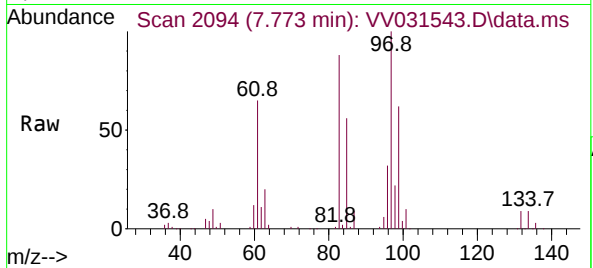




#45
1,1,2-Trichloroethane
Concen: 47.538 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

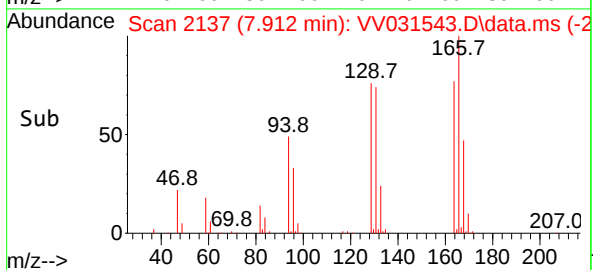
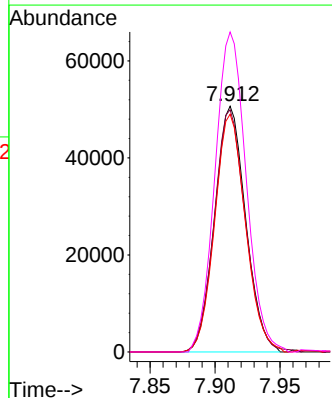
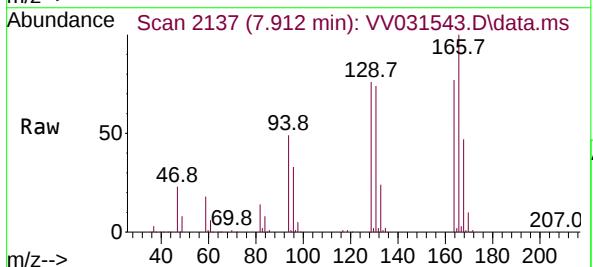
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

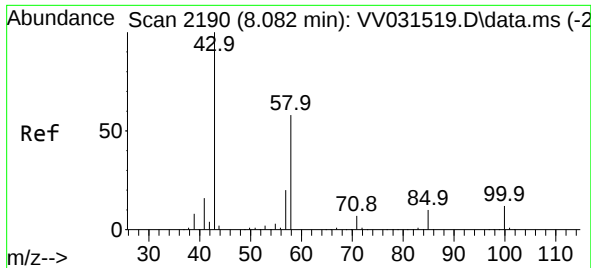
Tgt Ion:	97	Resp:	108085
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.7	81.1
83	89.4	60.9	113.1
85	56.2	39.2	72.8



#46
Tetrachloroethene
Concen: 48.879 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion:	164	Resp:	84022
Ion	Ratio	Lower	Upper
164	100		
129	101.1	68.4	127.0
131	99.1	67.6	125.6
166	133.5	91.3	169.5

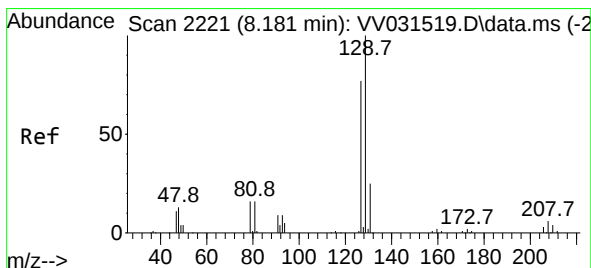
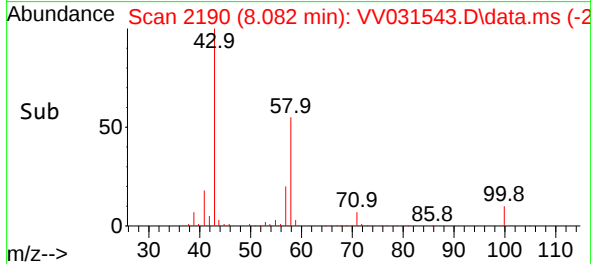
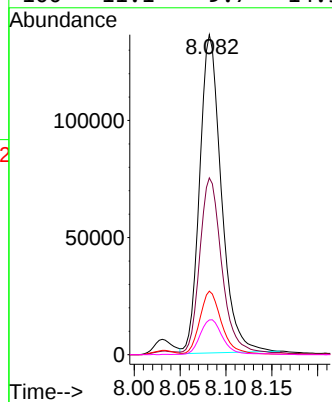
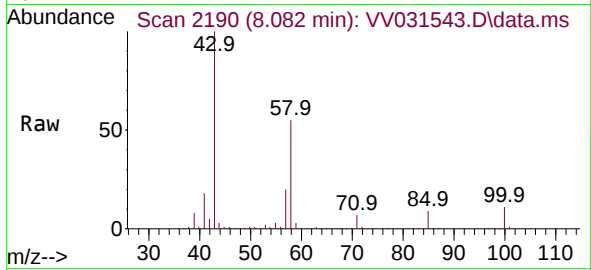




#48
2-Hexanone
Concen: 99.112 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

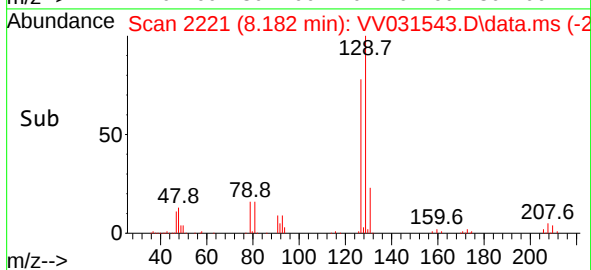
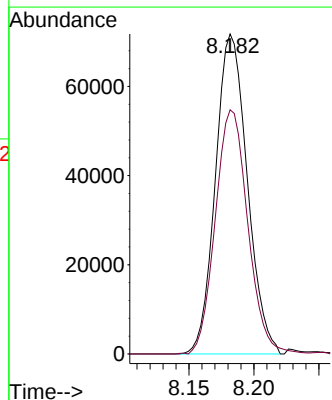
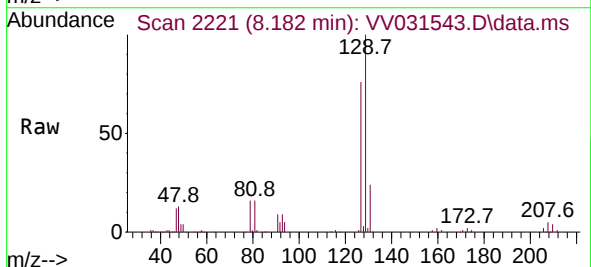
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

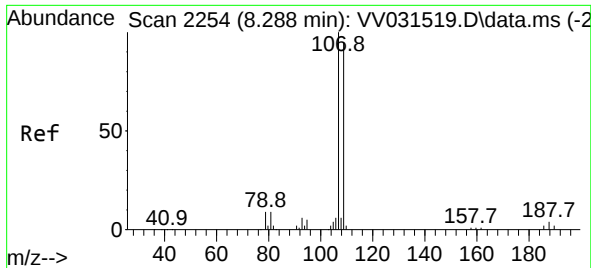
Tgt Ion: 43 Resp: 223707
Ion Ratio Lower Upper
43 100
58 55.7 46.7 70.1
57 19.9 15.5 23.3
100 11.1 9.7 14.5



#49
Dibromochloromethane
Concen: 48.342 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 129 Resp: 122159
Ion Ratio Lower Upper
129 100
127 75.1 55.8 103.6

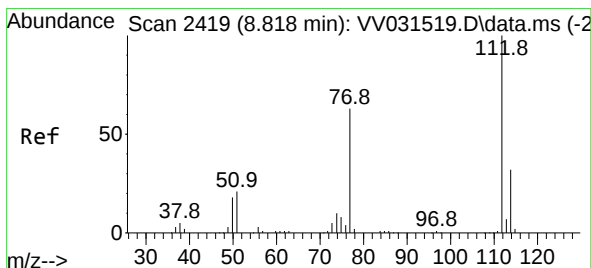
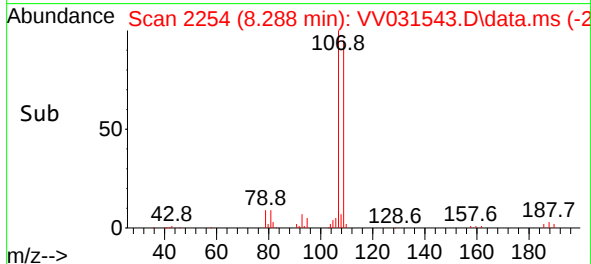
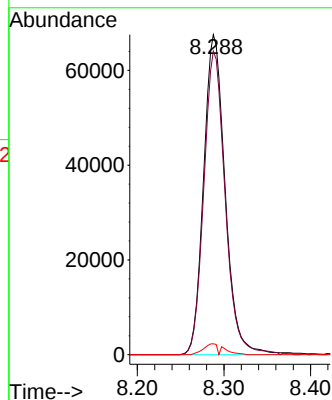
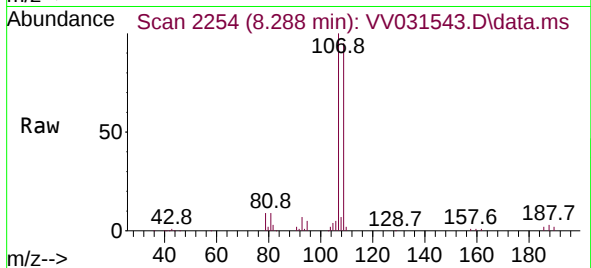




#50
 1,2-Dibromoethane
 Concen: 48.087 ug/L
 RT: 8.288 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

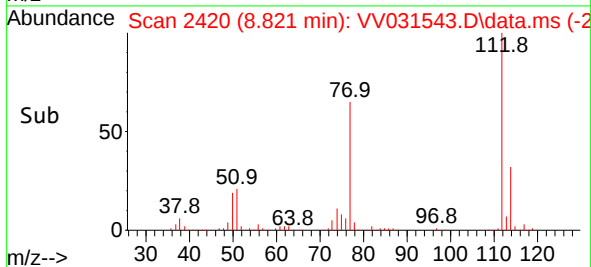
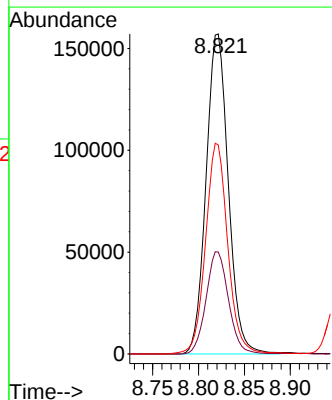
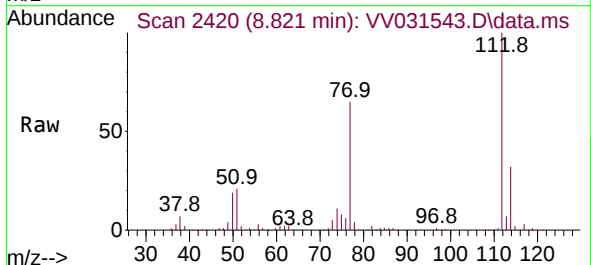
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MSD

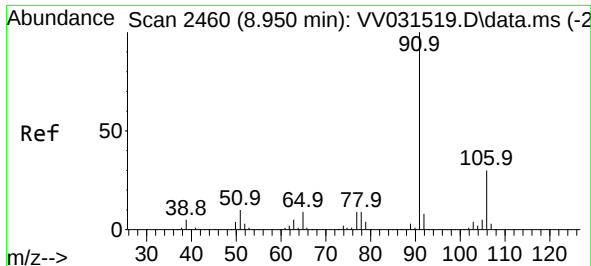
Tgt Ion:107 Resp: 116415
 Ion Ratio Lower Upper
 107 100
 109 94.8 65.7 122.1
 188 3.4 2.6 4.0



#51
 Chlorobenzene
 Concen: 47.141 ug/L
 RT: 8.821 min Scan# 2420
 Delta R.T. 0.003 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

Tgt Ion:112 Resp: 265334
 Ion Ratio Lower Upper
 112 100
 114 31.9 22.9 42.5
 77 65.3 52.5 78.7





#52

Ethylbenzene

Concen: 48.938 ug/L

RT: 8.953 min Scan# 2460

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

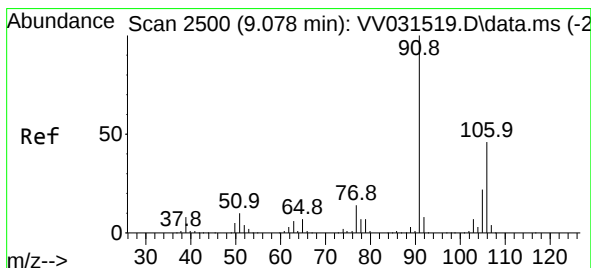
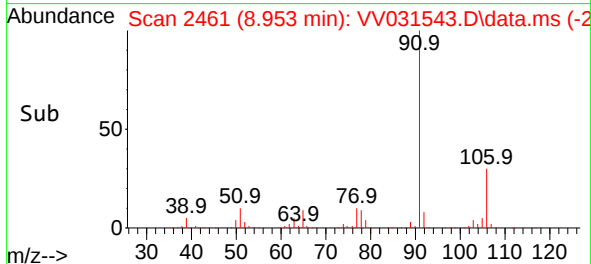
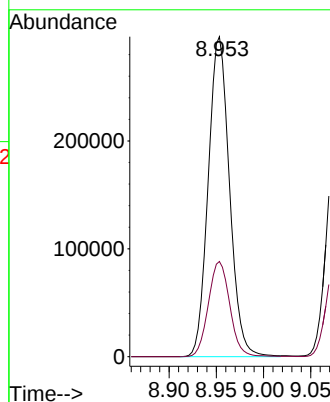
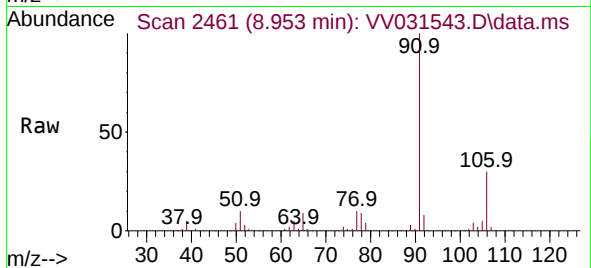
EXYT1MSD

Tgt Ion: 91 Resp: 464059

Ion Ratio Lower Upper

91 100

106 29.7 20.8 38.6



#53

m,p-Xylene

Concen: 49.169 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031543.D

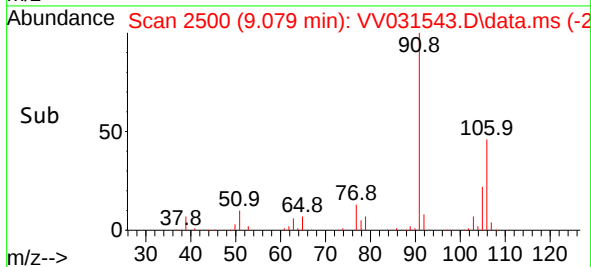
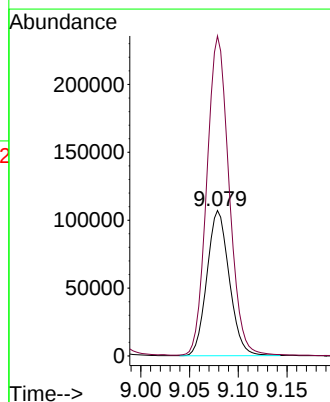
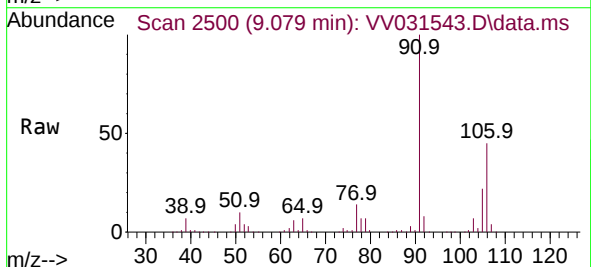
Acq: 15 Jun 2023 19:51

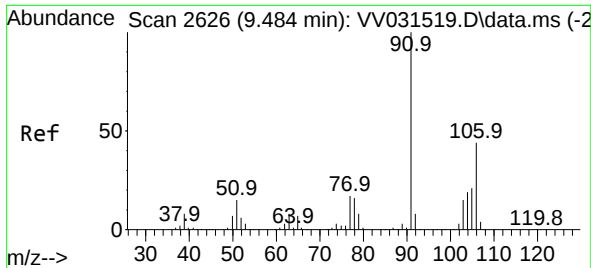
Tgt Ion:106 Resp: 170747

Ion Ratio Lower Upper

106 100

91 219.9 149.0 276.6

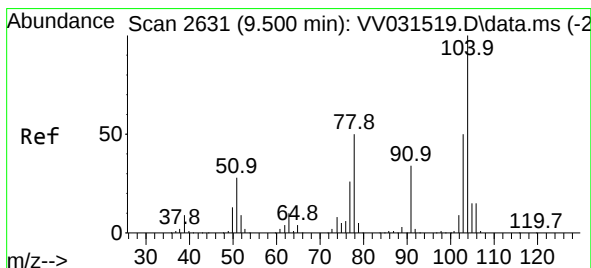
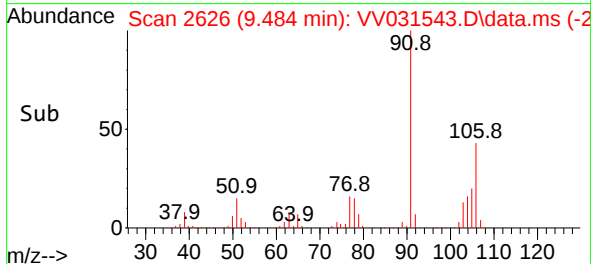
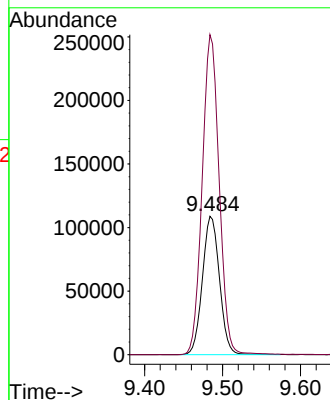
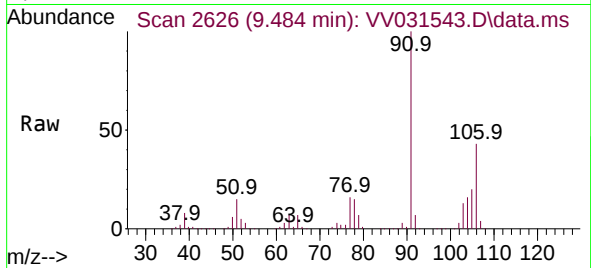




#54
o-Xylene
Concen: 50.276 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

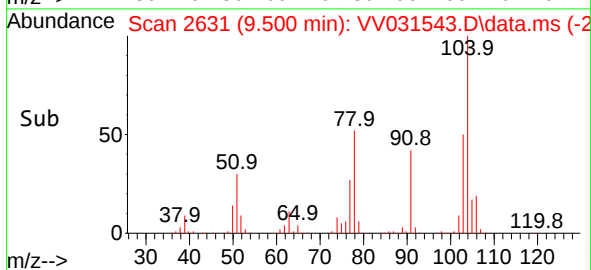
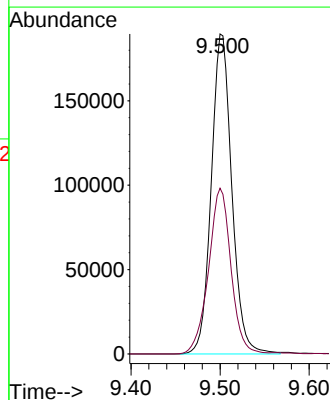
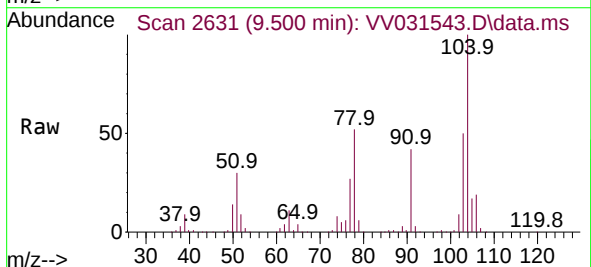
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

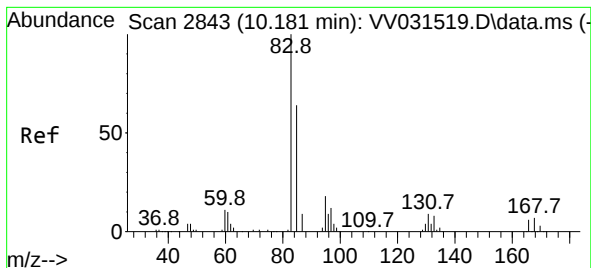
Tgt Ion:106 Resp: 165683
Ion Ratio Lower Upper
106 100
91 231.1 161.3 299.7



#55
Styrene
Concen: 51.611 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion:104 Resp: 303756
Ion Ratio Lower Upper
104 100
78 51.8 35.1 65.3

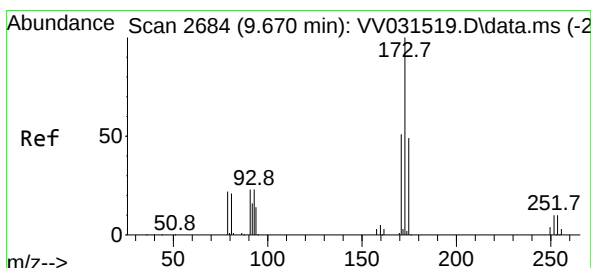
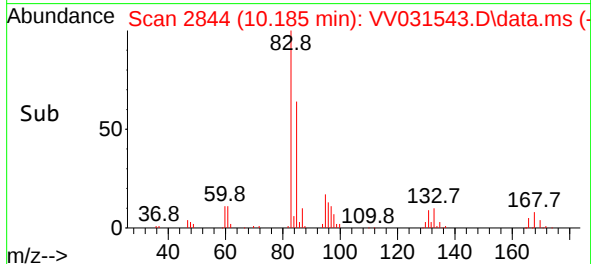
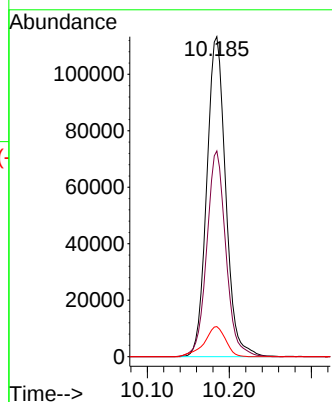
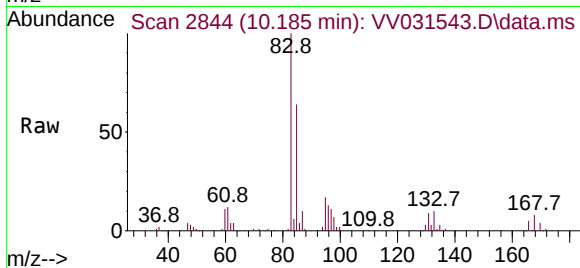




#57
1,1,2,2-Tetrachloroethane
Concen: 48.867 ug/L
RT: 10.185 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

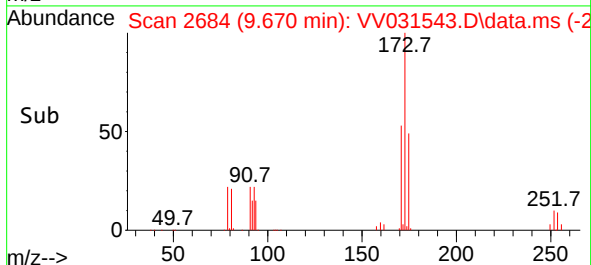
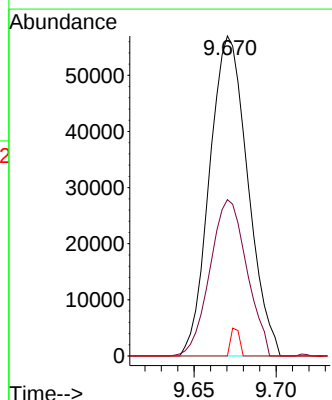
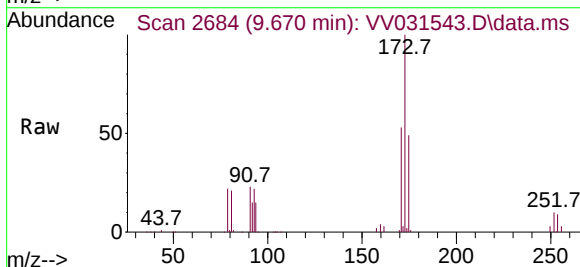
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

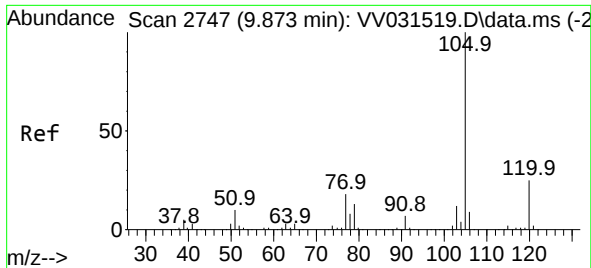
Tgt Ion: 83 Resp: 181538
Ion Ratio Lower Upper
83 100
85 64.3 43.1 80.1
131 12.9 10.6 16.0



#59
Bromoform
Concen: 51.700 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 173 Resp: 92091
Ion Ratio Lower Upper
173 100
175 47.1 37.7 56.5
254 2.0 0.1 0.1

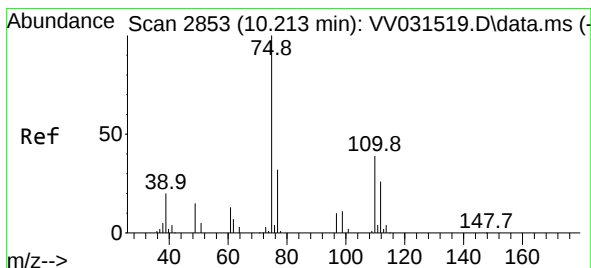
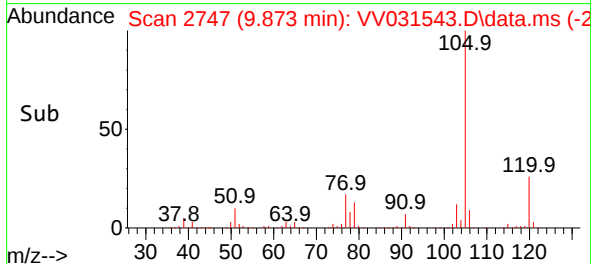
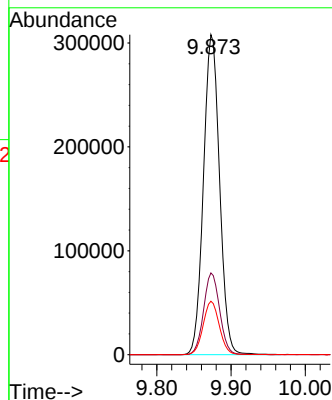
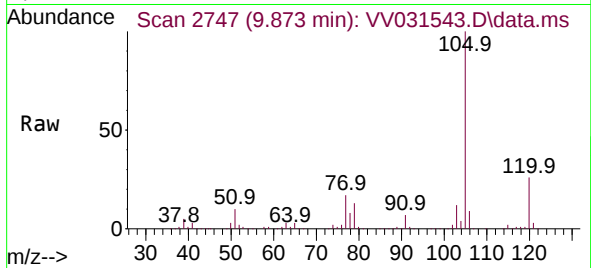




#60
Isopropylbenzene
Concen: 50.655 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

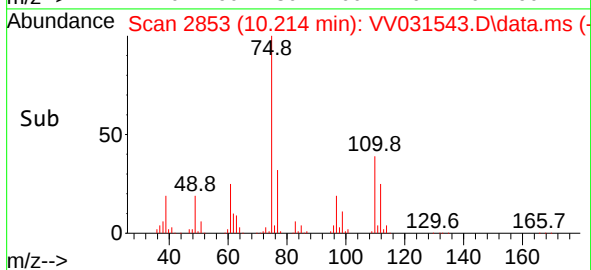
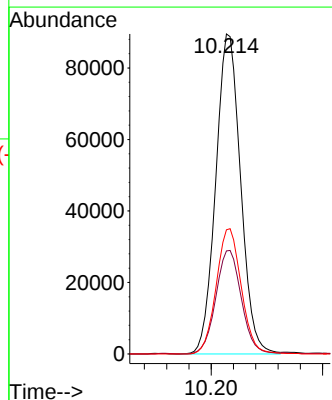
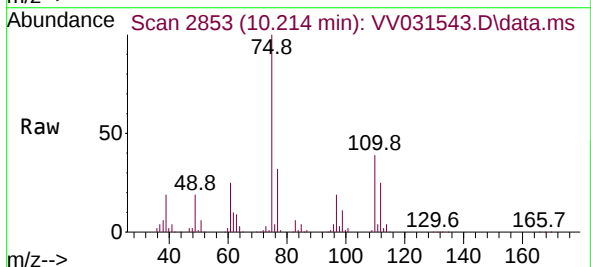
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

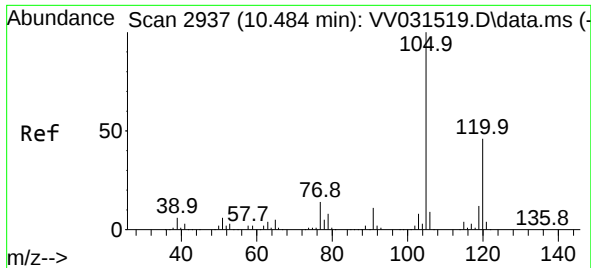
Tgt Ion:105 Resp: 464061
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 48.836 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion: 75 Resp: 138611
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0
110 39.4 31.3 46.9

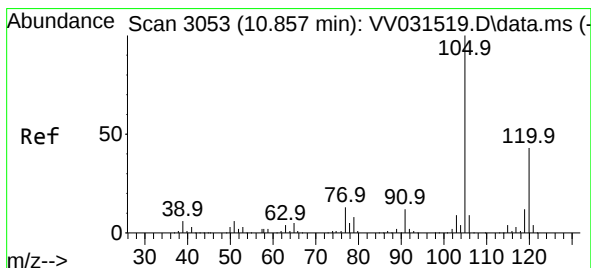
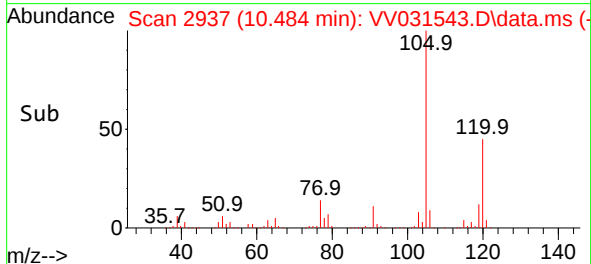
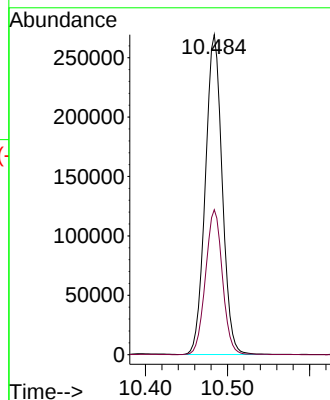
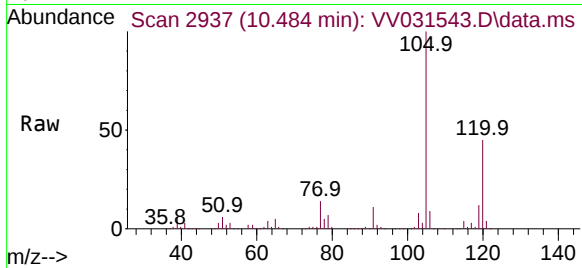




#62
 1,3,5-Trimethylbenzene
 Concen: 50.904 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

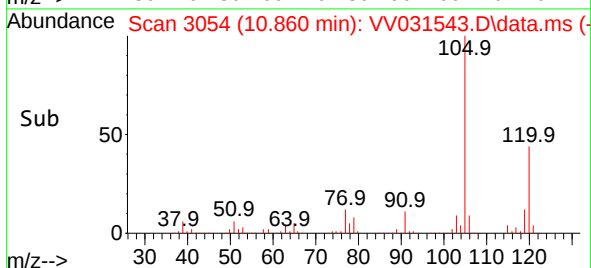
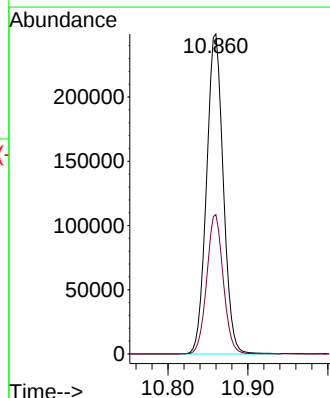
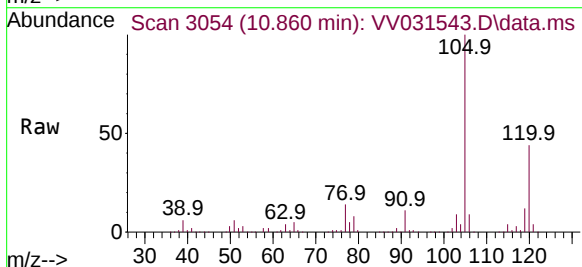
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MSD

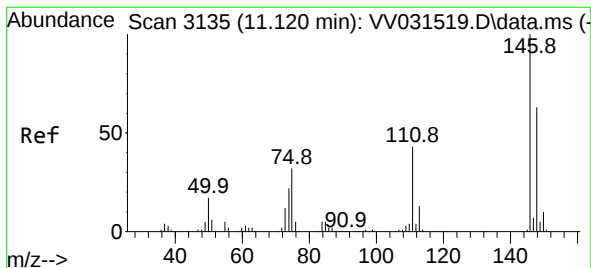
Tgt Ion:105 Resp: 385427
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.2 54.2



#63
 1,2,4-Trimethylbenzene
 Concen: 51.572 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.003 min
 Lab File: VV031543.D
 Acq: 15 Jun 2023 19:51

Tgt Ion:105 Resp: 363837
 Ion Ratio Lower Upper
 105 100
 120 42.7 33.4 50.2





#64

1,3-Dichlorobenzene

Concen: 48.058 ug/L

RT: 11.124 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

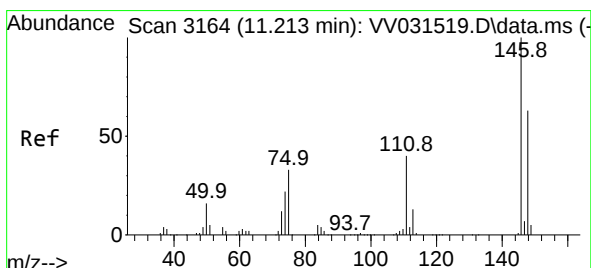
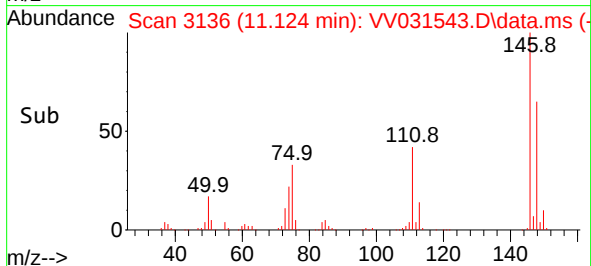
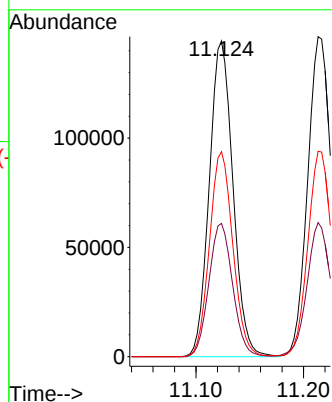
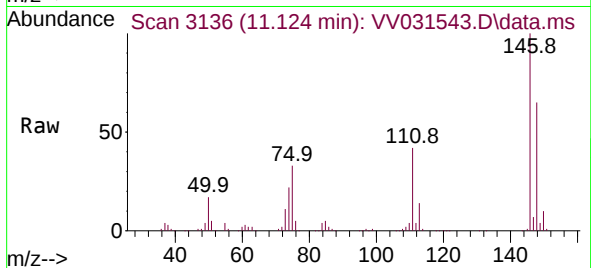
Tgt Ion:146 Resp: 220731

Ion Ratio Lower Upper

146 100

111 42.2 30.4 56.5

148 65.0 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 46.818 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

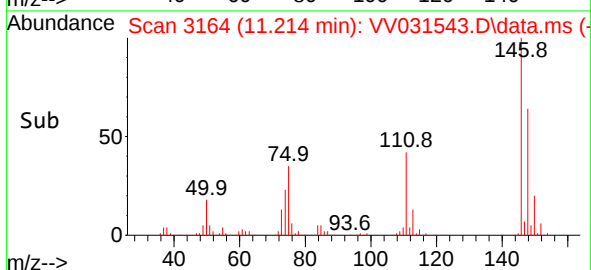
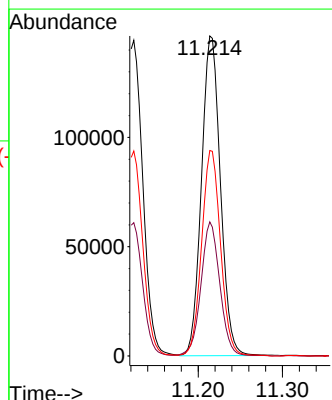
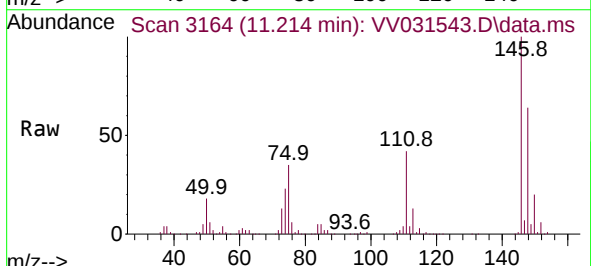
Tgt Ion:146 Resp: 229142

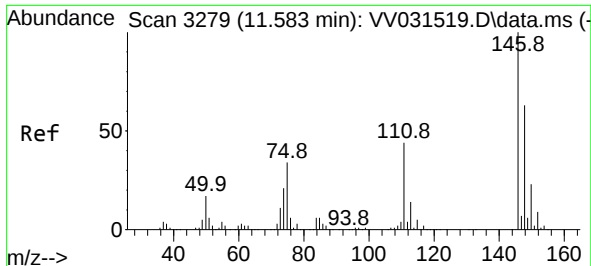
Ion Ratio Lower Upper

146 100

111 41.9 27.9 51.7

148 64.2 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 48.900 ug/L

RT: 11.587 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

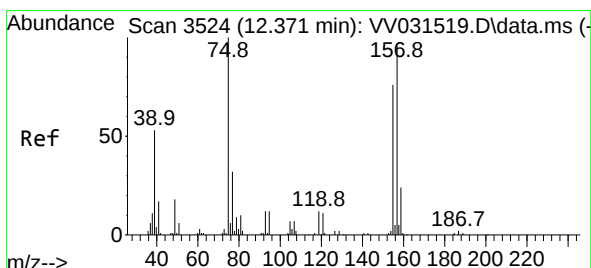
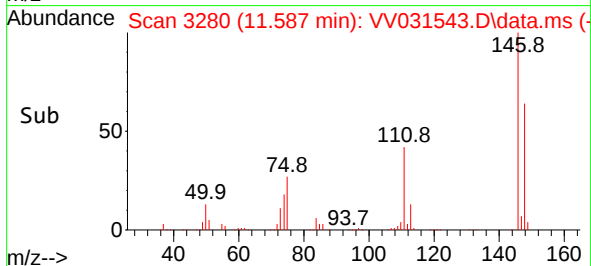
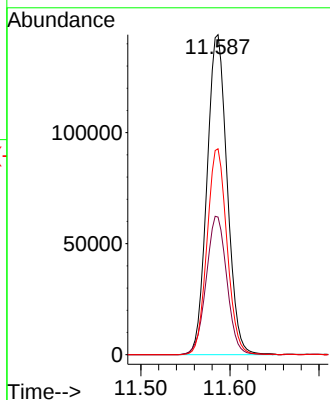
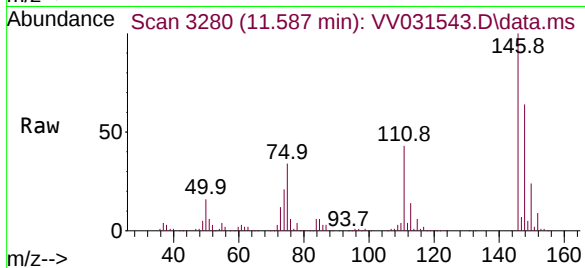
Tgt Ion:146 Resp: 226685

Ion Ratio Lower Upper

146 100

111 43.0 35.9 53.9

148 64.4 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 48.784 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

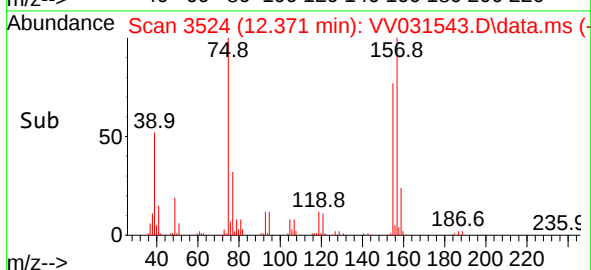
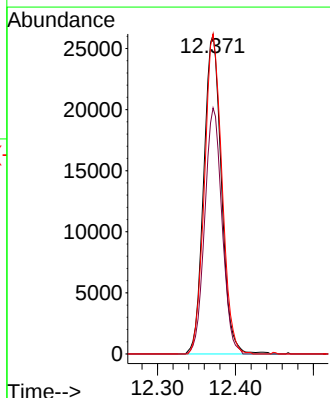
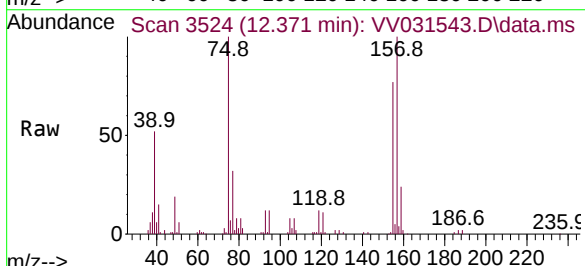
Tgt Ion: 75 Resp: 41096

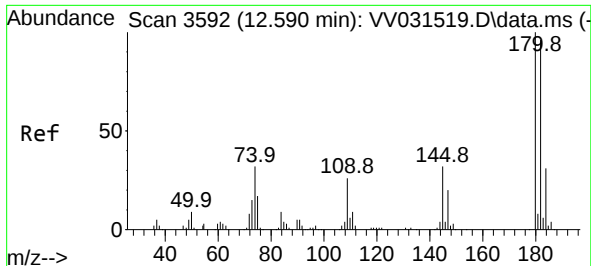
Ion Ratio Lower Upper

75 100

155 77.1 63.2 94.8

157 104.6 85.3 127.9

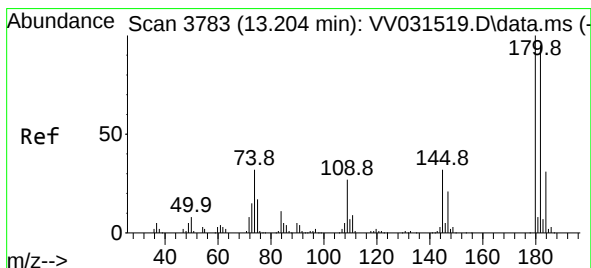
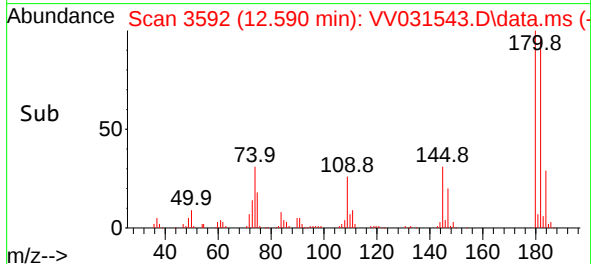
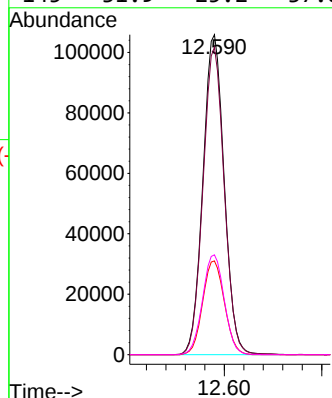
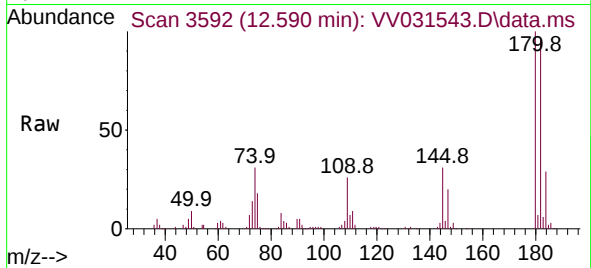




#69
1,3,5-Trichlorobenzene
Concen: 45.744 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

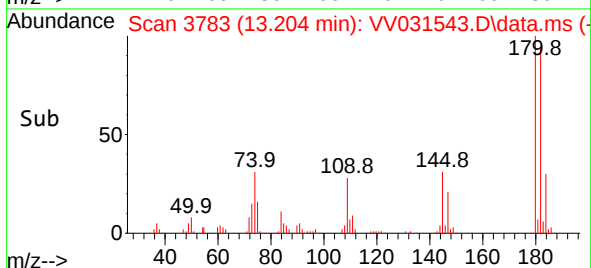
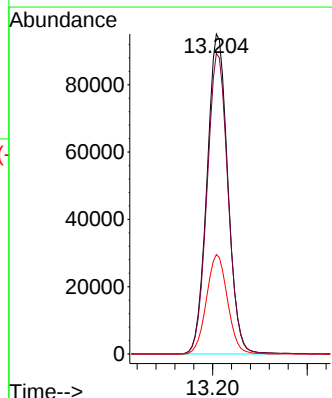
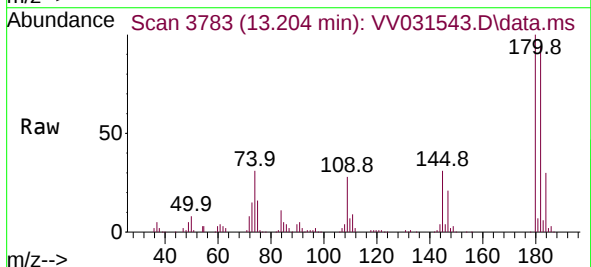
Instrument :
MSVOA_V
ClientSampleId :
EXYT1MSD

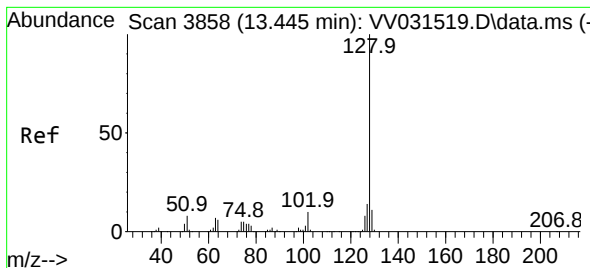
Tgt Ion:180 Resp: 160092
Ion Ratio Lower Upper
180 100
182 96.0 76.6 115.0
184 29.9 24.7 37.1
145 31.9 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 47.245 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031543.D
Acq: 15 Jun 2023 19:51

Tgt Ion:180 Resp: 144931
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 31.4 26.1 39.1





#71

Naphthalene

Concen: 51.503 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

EXYT1MSD

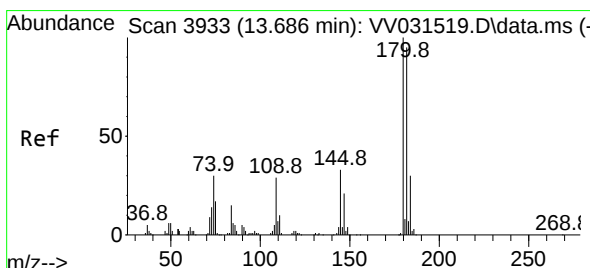
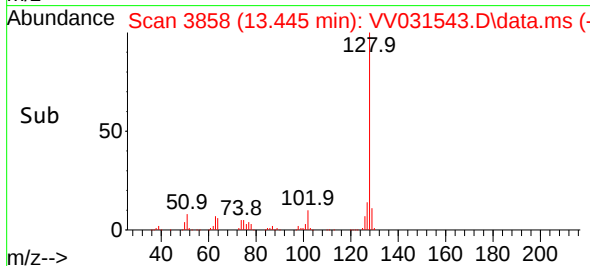
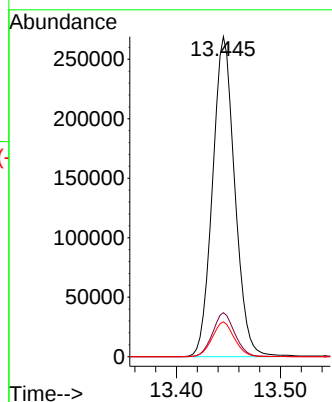
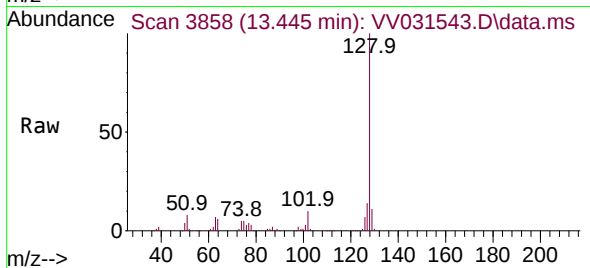
Tgt Ion:128 Resp: 400188

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.172 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031543.D

Acq: 15 Jun 2023 19:51

Tgt Ion:180 Resp: 153563

Ion Ratio Lower Upper

180 100

182 97.0 74.0 111.0

145 33.6 26.2 39.2

