

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031561.D
 Acq On : 16 Jun 2023 04:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

Quant Time: Jun 16 06:21:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	254422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	243970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	146602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	63077	37.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.500%
7) Chloroethane-d5	1.535	69	59492	40.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.540%
11) 1,1-Dichloroethene-d2	2.066	65	33120	37.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.900%
21) 2-Butanone-d5	3.799	46	121771	88.814	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.810%
24) Chloroform-d	4.259	84	179338	42.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
26) 1,2-Dichloroethane-d4	4.950	65	113742	42.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.740%
32) Benzene-d6	4.969	84	310198	45.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
36) 1,2-Dichloropropane-d6	5.995	67	105608	43.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	7.249	98	288531	45.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
43) trans-1,3-Dichloroprop...	7.558	79	51883	43.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.460%
47) 2-Hexanone-d5	8.030	63	90678	94.357	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.360%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	163418	44.482	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	11.567	152	121622	43.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	112429	41.661	ug/L	99
3) Chloromethane	1.217	50	107192	42.094	ug/L	98
5) Vinyl chloride	1.288	62	108222	42.871	ug/L	97
6) Bromomethane	1.494	94	70632	42.930	ug/L	97
8) Chloroethane	1.555	64	68206	41.834	ug/L	97
9) Trichlorofluoromethane	1.719	101	181339	43.180	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	97564	43.350	ug/L	97
12) 1,1-Dichloroethene	2.076	96	83652	44.436	ug/L	95
13) Acetone	2.124	43	78112	57.736	ug/L	99
14) Carbon disulfide	2.249	76	253554	44.526	ug/L	100
15) Methyl Acetate	2.381	43	103666	45.511	ug/L	99
16) Methylene chloride	2.455	84	102365	43.372	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	88882	45.231	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	315824	48.167	ug/L	99
19) 1,1-Dichloroethane	3.121	63	191017	45.039	ug/L	99
20) cis-1,2-Dichloroethene	3.821	96	99966	47.073	ug/L	98
22) 2-Butanone	3.879	43	125817	74.442	ug/L	95
23) Bromochloromethane	4.156	128	53691	46.773	ug/L	99
25) Chloroform	4.288	83	203180	46.085	ug/L	99

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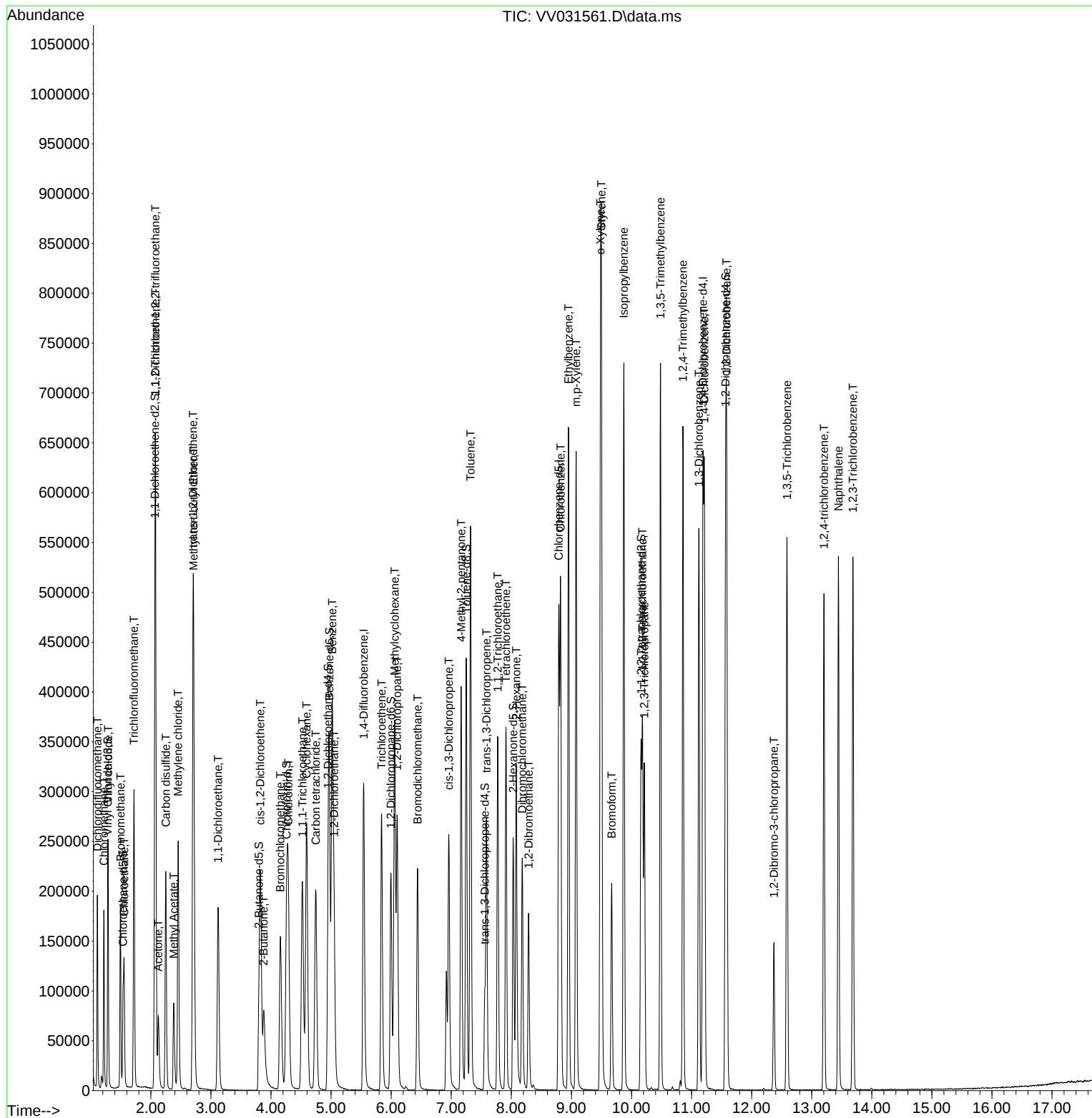
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	153174	45.016	ug/L	99
29) Cyclohexane	4.593	56	149987	47.253	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	182093	46.552	ug/L	99
31) Carbon tetrachloride	4.744	117	158374	45.696	ug/L	98
33) Benzene	5.018	78	385526	47.463	ug/L	100
34) Trichloroethene	5.841	95	102300	47.132	ug/L	98
35) Methylcyclohexane	6.059	83	147016	45.969	ug/L	99
37) 1,2-Dichloropropane	6.098	63	109907	46.079	ug/L #	93
38) Bromodichloromethane	6.439	83	152095	47.177	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	159911	45.165	ug/L	97
40) 4-Methyl-2-pentanone	7.165	43	269629	96.272	ug/L	98
42) Toluene	7.320	91	413058	49.046	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	162774	47.208	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	106208	47.137	ug/L	99
46) Tetrachloroethene	7.911	164	79212	46.499	ug/L	97
48) 2-Hexanone	8.082	43	207240	92.650	ug/L	97
49) Dibromochloromethane	8.181	129	122427	48.888	ug/L	99
50) 1,2-Dibromoethane	8.288	107	115941	48.326	ug/L	100
51) Chlorobenzene	8.818	112	259291	46.486	ug/L	98
52) Ethylbenzene	8.953	91	456403	48.567	ug/L	100
53) m,p-Xylene	9.079	106	166898	48.497	ug/L	94
54) o-Xylene	9.484	106	160755	49.223	ug/L	99
55) Styrene	9.500	104	300494	51.520	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	172301	46.801	ug/L	99
59) Bromoform	9.670	173	90234	49.655	ug/L #	96
60) Isopropylbenzene	9.873	105	452209	48.384	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	132878	45.890	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	376486	48.739	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	347232	48.244	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	221708	47.315	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	231411	46.345	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	223790	47.320	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	39182	45.591	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	163738	45.860	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	144835	46.279	ug/L	99
71) Naphthalene	13.445	128	383657	48.398	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	151732	46.655	ug/L	97

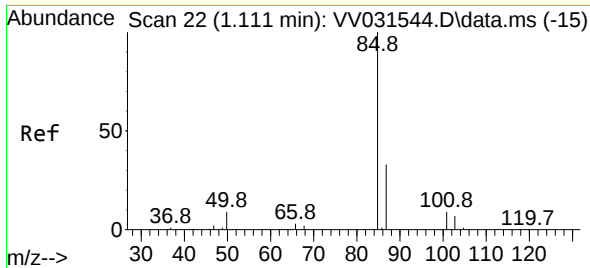
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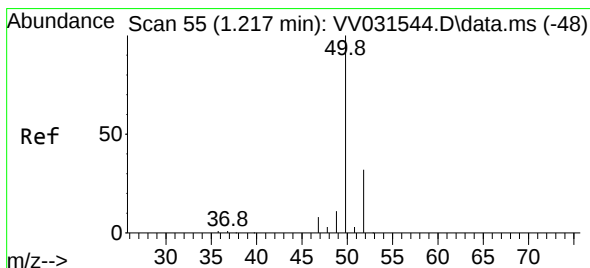
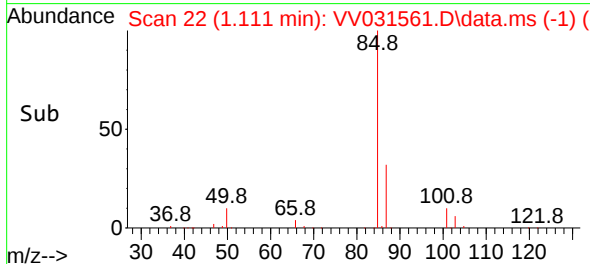
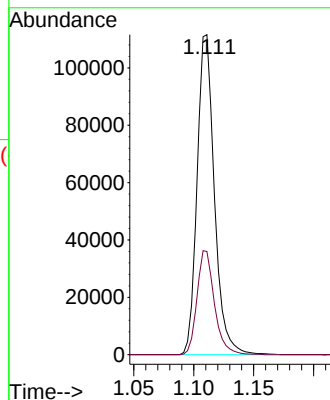
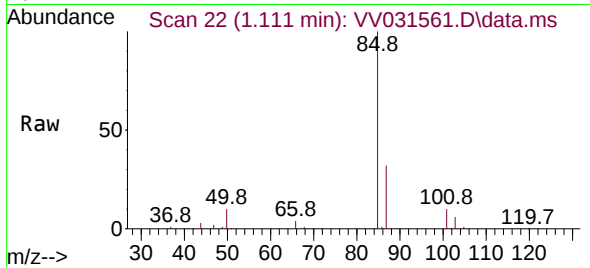




#2
 Dichlorodifluoromethane
 Concen: 41.661 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

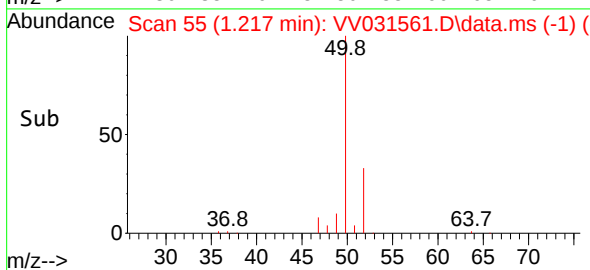
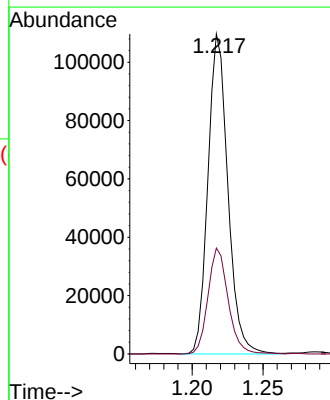
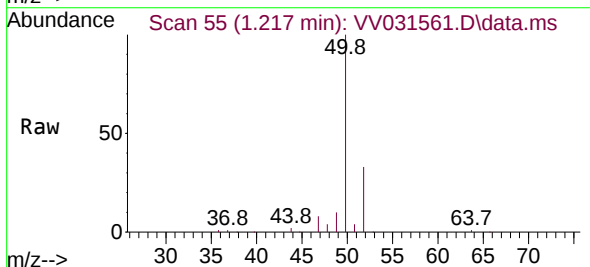
Instrument :
 MSVOA_V
 ClientSampleId :
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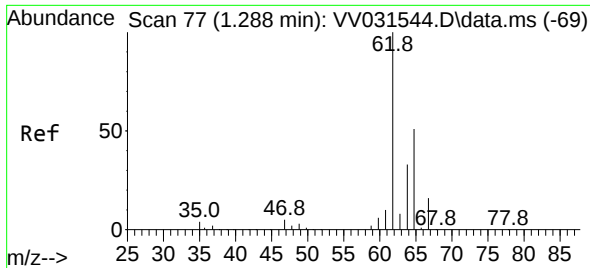
Tgt Ion: 85 Resp: 112429
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.5 38.3



#3
 Chloromethane
 Concen: 42.094 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

Tgt Ion: 50 Resp: 107192
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.3 41.5

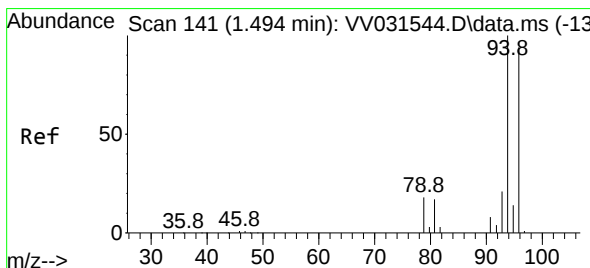
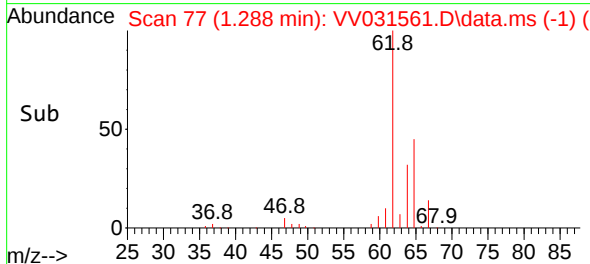
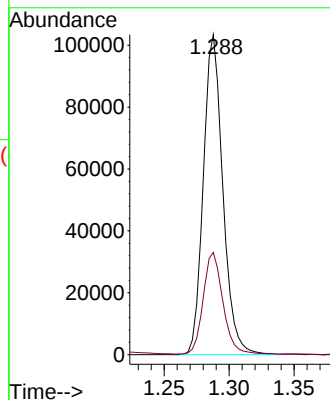
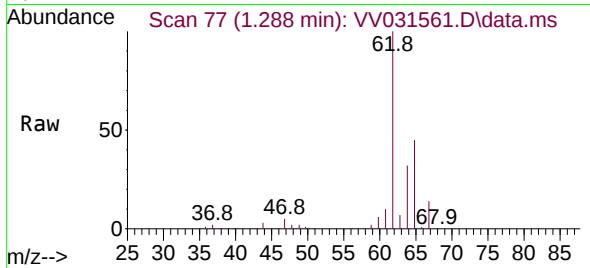




#5
 Vinyl chloride
 Concen: 42.871 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

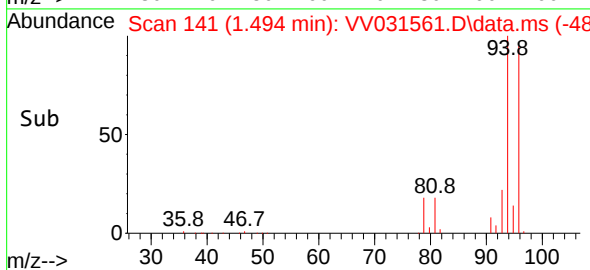
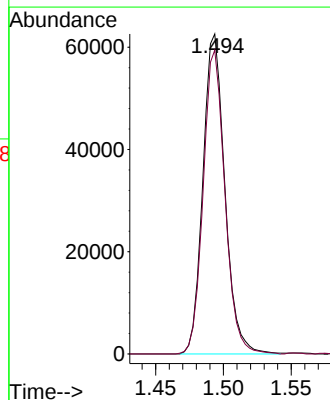
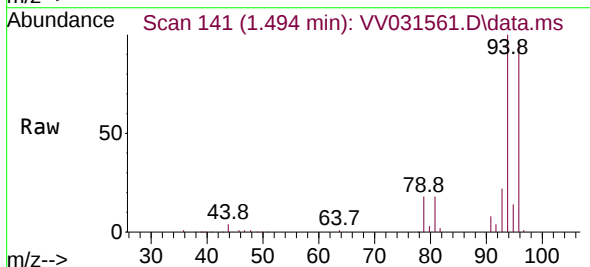
Instrument :
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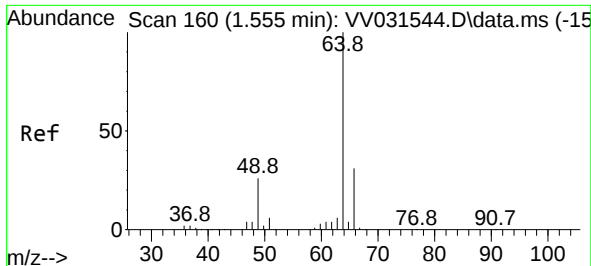
Tgt Ion: 62 Resp: 108222
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.4



#6
 Bromomethane
 Concen: 42.930 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

Tgt Ion: 94 Resp: 70632
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.4 121.4





#8

Chloroethane

Concen: 41.834 ug/L

RT: 1.555 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

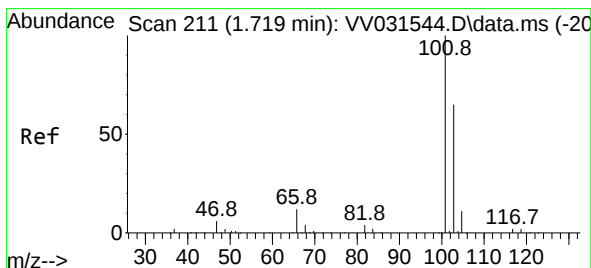
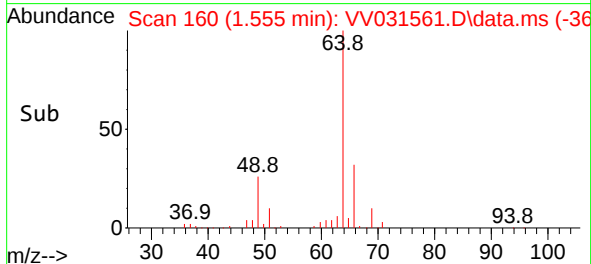
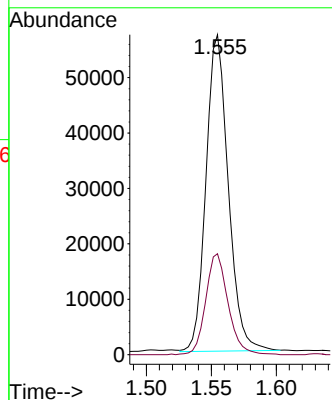
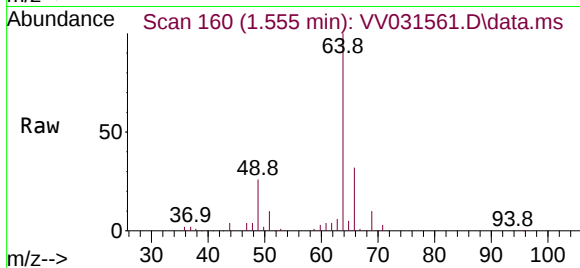
VSTD050373

Tgt Ion: 64 Resp: 68206

Ion Ratio Lower Upper

64 100

66 31.5 21.0 39.0



#9

Trichlorofluoromethane

Concen: 43.180 ug/L

RT: 1.719 min Scan# 211

Delta R.T. -0.000 min

Lab File: VV031561.D

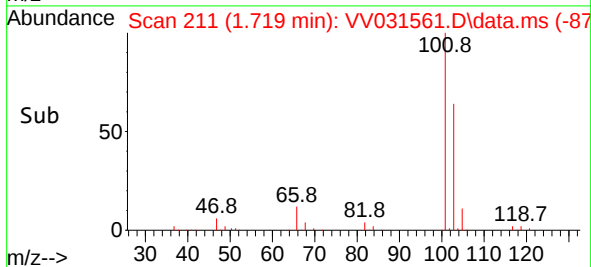
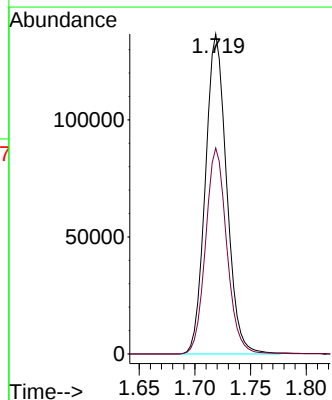
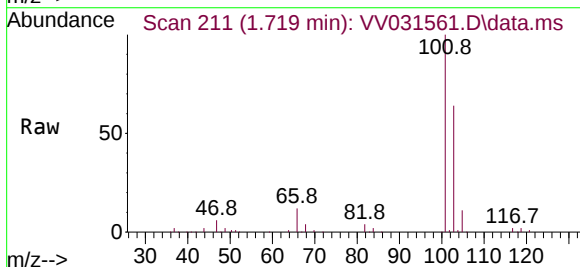
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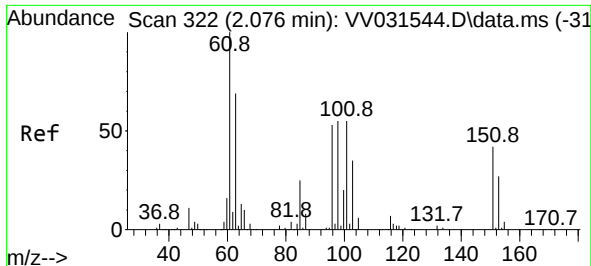
Tgt Ion:101 Resp: 181339

Ion Ratio Lower Upper

101 100

103 64.2 50.9 76.3

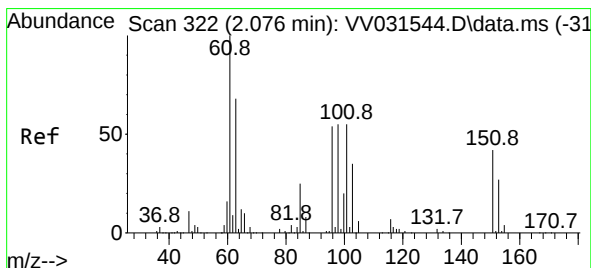
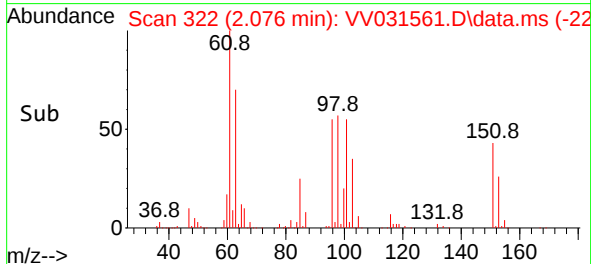
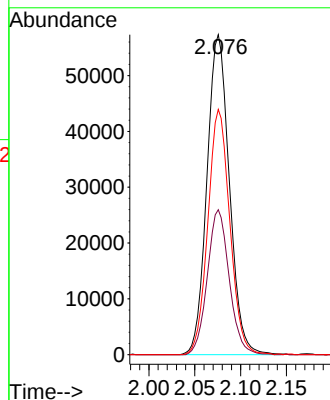
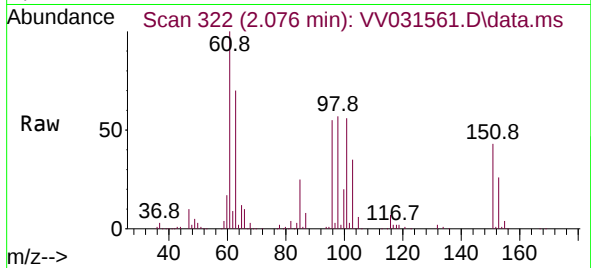




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.350 ug/L
RT: 2.076 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

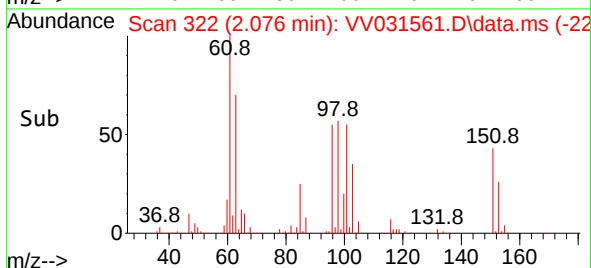
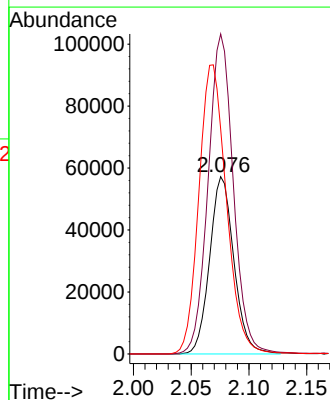
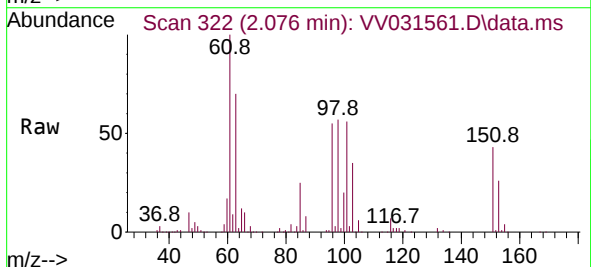
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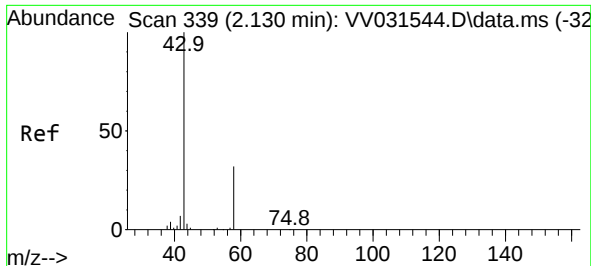
Tgt Ion:101 Resp: 97564
Ion Ratio Lower Upper
101 100
85 44.1 37.4 56.0
151 75.1 62.3 93.5



#12
1,1-Dichloroethene
Concen: 44.436 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 96 Resp: 83652
Ion Ratio Lower Upper
96 100
61 180.5 128.9 239.5
63 126.8 95.3 177.1





#13

Acetone

Concen: 57.736 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

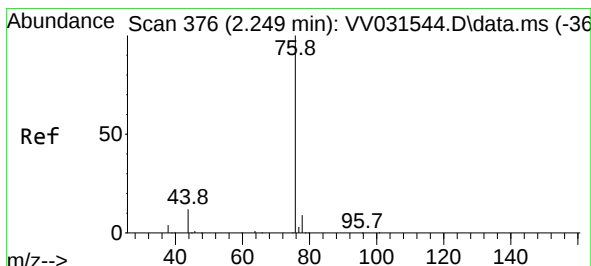
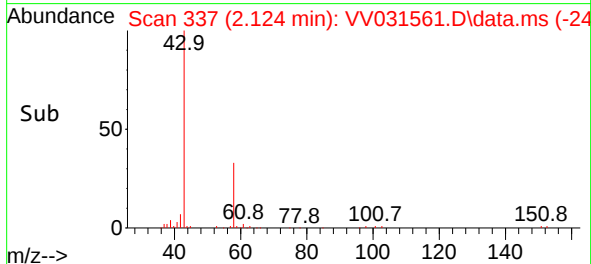
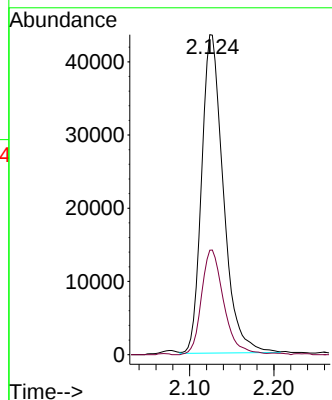
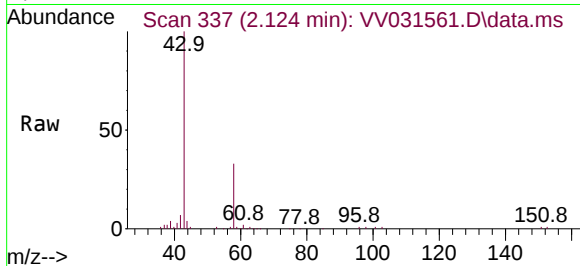
VSTD050373

Tgt Ion: 43 Resp: 78112

Ion Ratio Lower Upper

43 100

58 33.7 0.0 68.6



#14

Carbon disulfide

Concen: 44.526 ug/L

RT: 2.249 min Scan# 376

Delta R.T. -0.000 min

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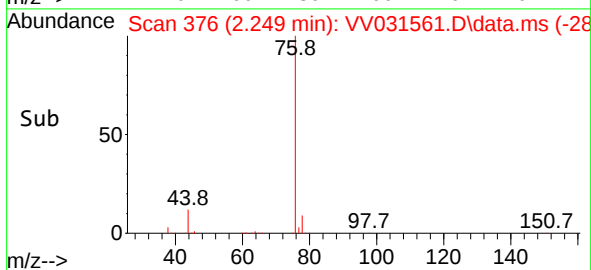
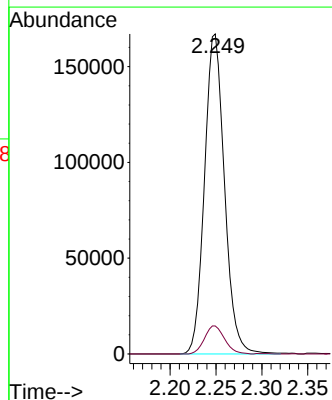
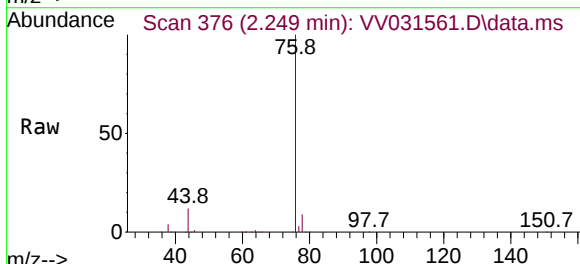
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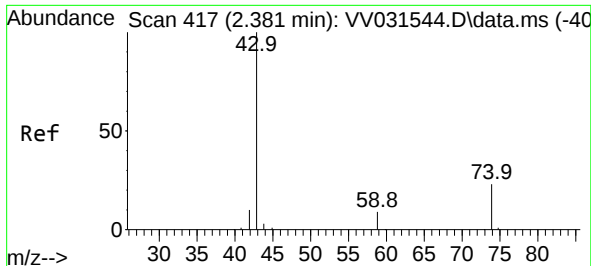
Tgt Ion: 76 Resp: 253554

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

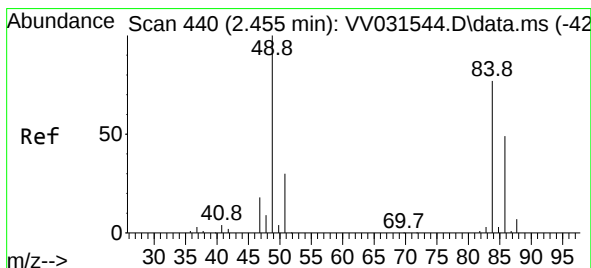
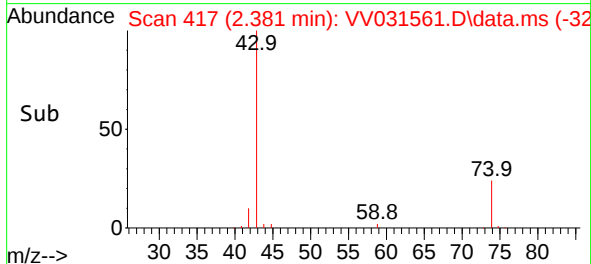
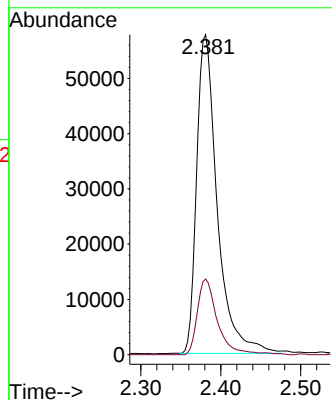
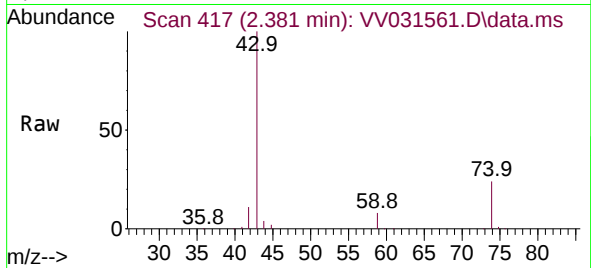




#15
Methyl Acetate
Concen: 45.511 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

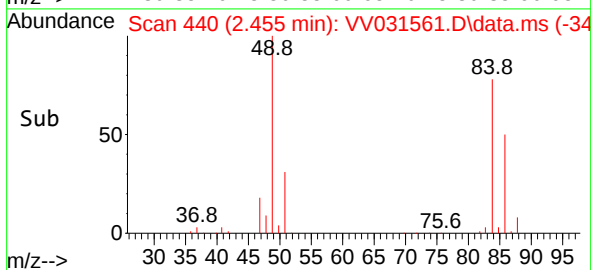
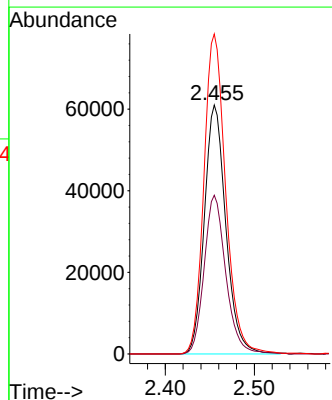
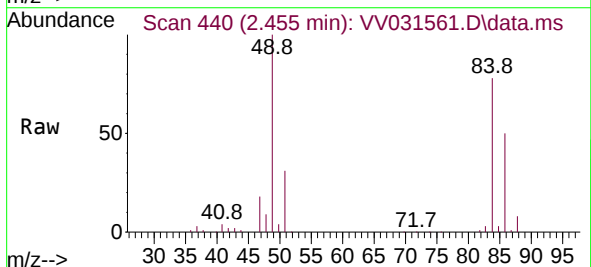
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

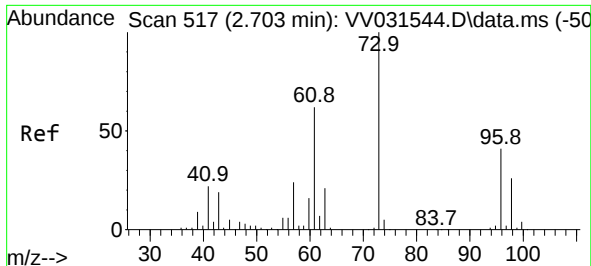
Tgt Ion: 43 Resp: 103666
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.6



#16
Methylene chloride
Concen: 43.372 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 84 Resp: 102365
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.0
49 128.5 92.1 171.1

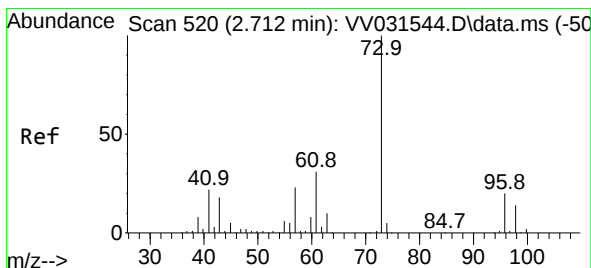
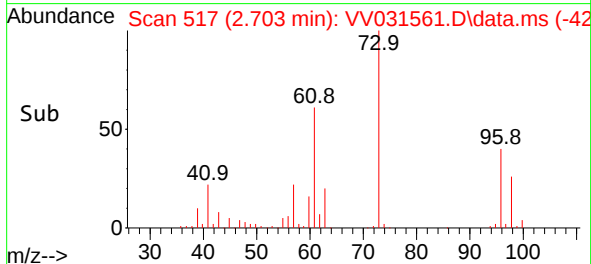
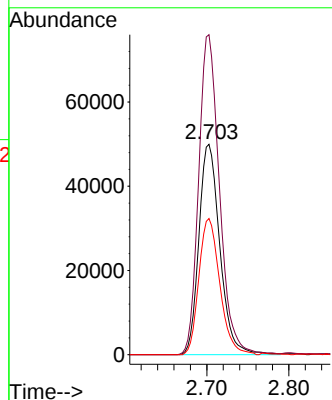
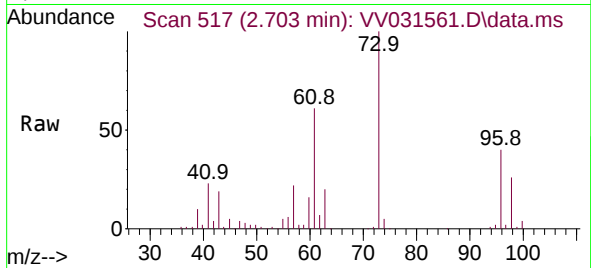




#17
 trans-1,2-Dichloroethene
 Concen: 45.231 ug/L
 RT: 2.703 min Scan# 517
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

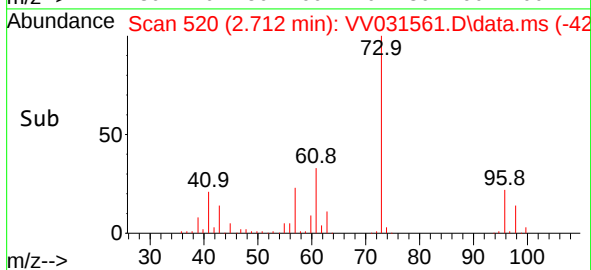
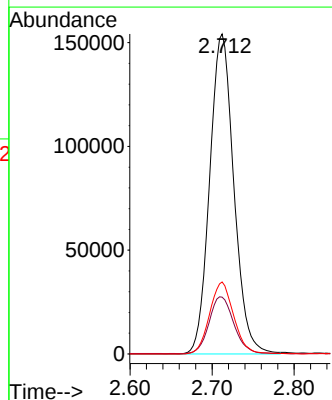
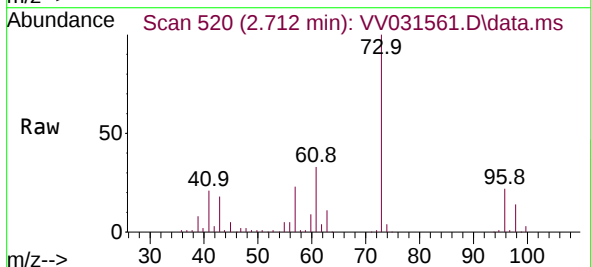
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

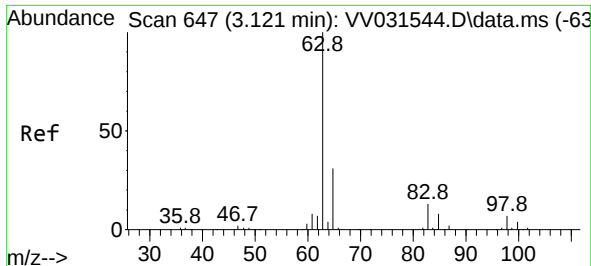
Tgt Ion: 96 Resp: 88882
 Ion Ratio Lower Upper
 96 100
 61 144.7 102.5 190.3
 98 61.6 44.1 81.9



#18
 Methyl tert-butyl Ether
 Concen: 48.167 ug/L
 RT: 2.712 min Scan# 520
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

Tgt Ion: 73 Resp: 315824
 Ion Ratio Lower Upper
 73 100
 43 18.2 15.0 22.4
 57 22.5 18.2 27.4





#19

1,1-Dichloroethane

Concen: 45.039 ug/L

RT: 3.121 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

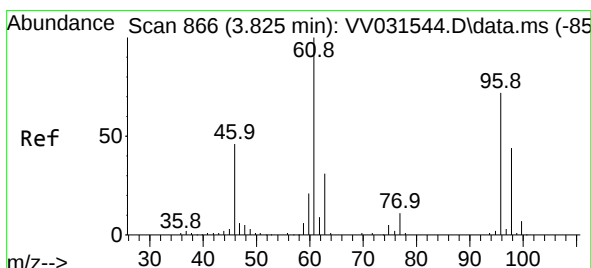
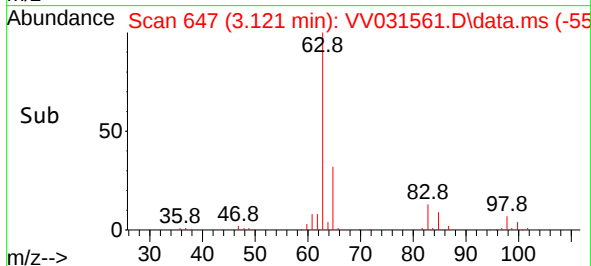
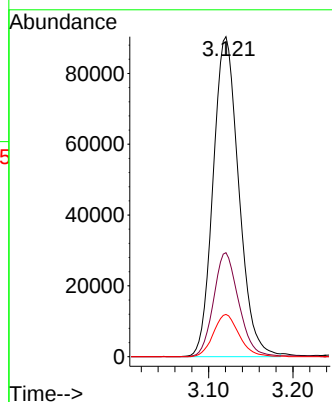
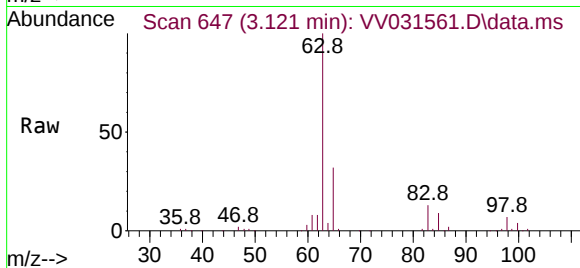
Tgt Ion: 63 Resp: 191017

Ion Ratio Lower Upper

63 100

65 32.5 22.5 41.7

83 13.8 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 47.073 ug/L

RT: 3.821 min Scan# 865

Delta R.T. -0.003 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

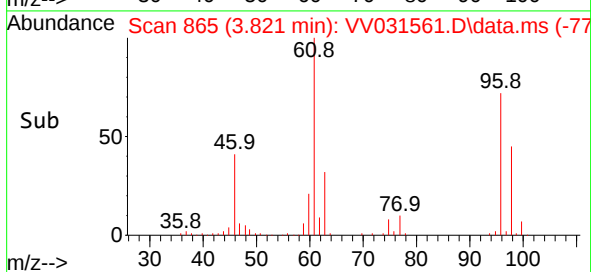
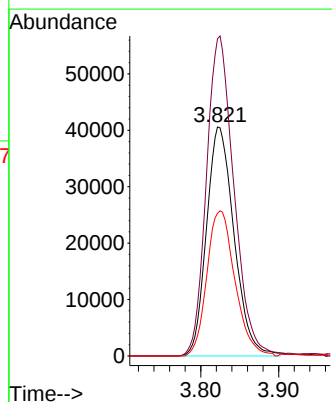
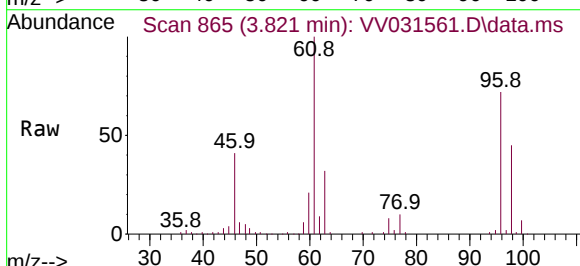
Tgt Ion: 96 Resp: 99966

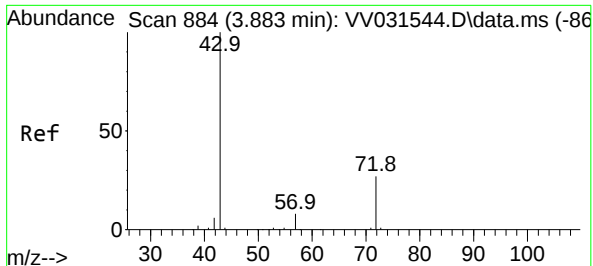
Ion Ratio Lower Upper

96 100

61 138.5 98.6 183.0

98 64.0 45.7 84.9





#22

2-Butanone

Concen: 74.442 ug/L

RT: 3.879 min Scan# 884

Delta R.T. -0.003 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

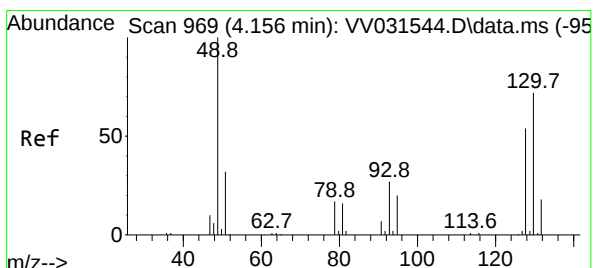
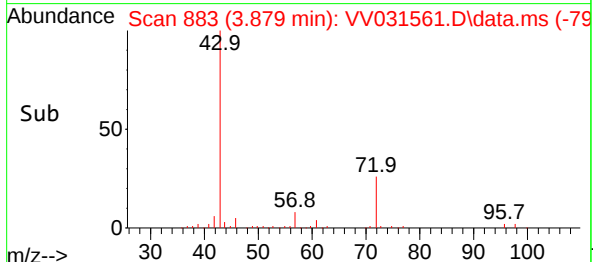
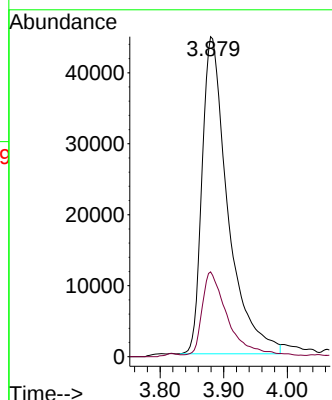
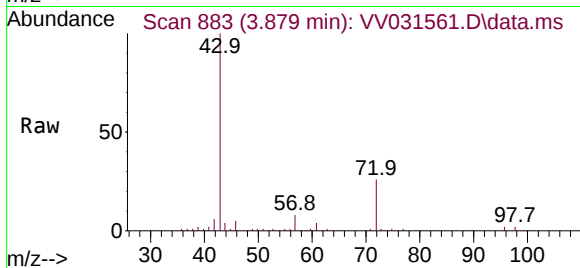
VSTD050373

Tgt Ion: 43 Resp: 125817

Ion Ratio Lower Upper

43 100

72 26.6 12.2 36.4



#23

Bromochloromethane

Concen: 46.773 ug/L

RT: 4.156 min Scan# 969

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Tgt Ion: 128 Resp: 53691

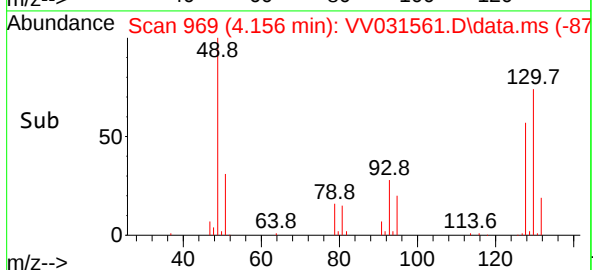
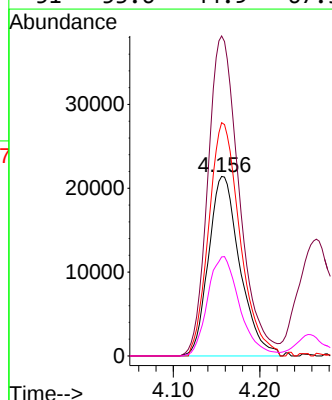
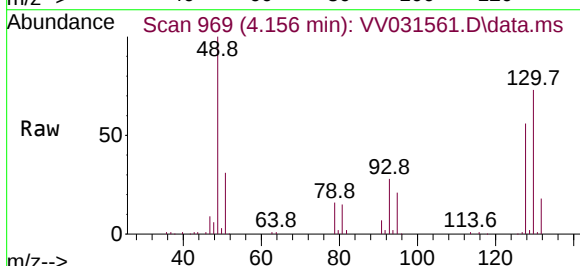
Ion Ratio Lower Upper

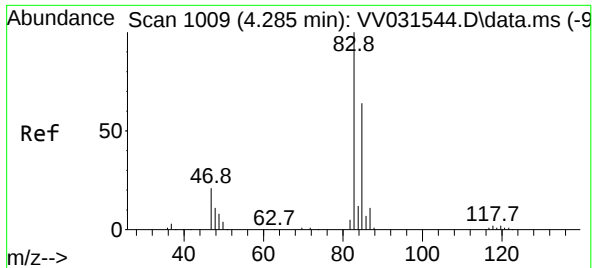
128 100

49 171.3 120.6 224.0

130 126.8 88.1 163.7

51 53.6 44.9 67.3

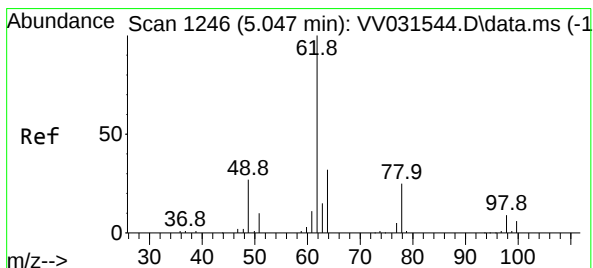
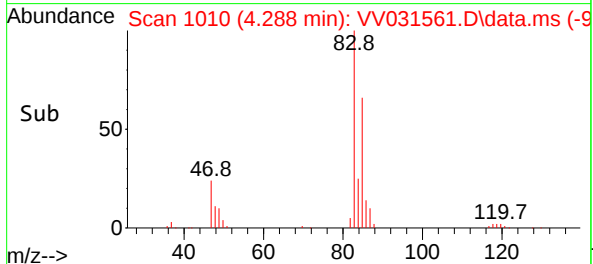
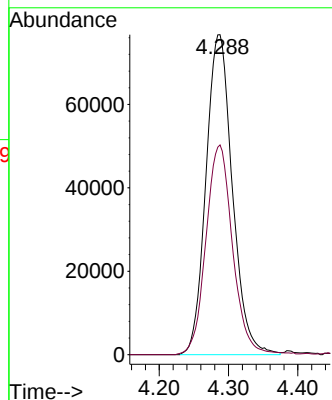
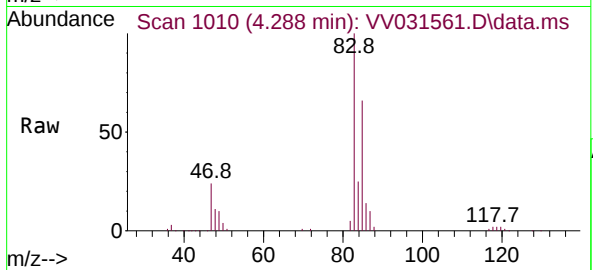




#25
Chloroform
Concen: 46.085 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

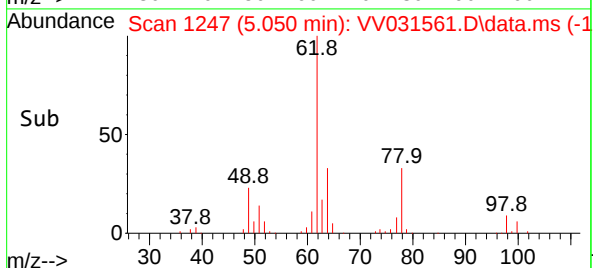
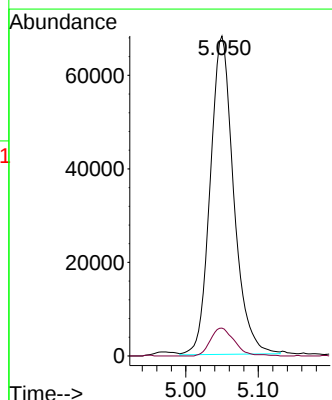
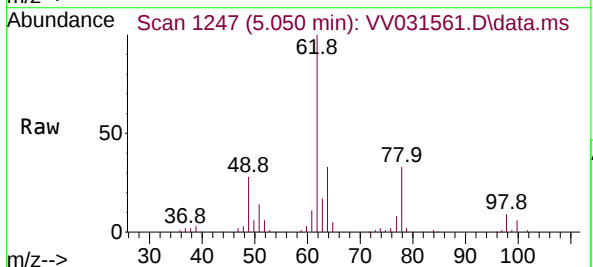
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

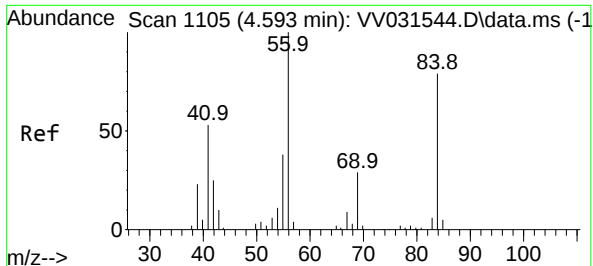
Tgt Ion: 83 Resp: 203180
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1



#27
1,2-Dichloroethane
Concen: 45.016 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 62 Resp: 153174
Ion Ratio Lower Upper
62 100
98 8.7 6.6 9.8





#29

Cyclohexane

Concen: 47.253 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

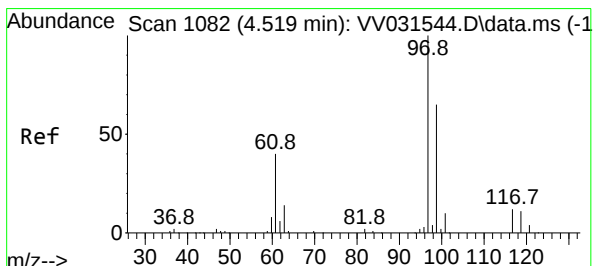
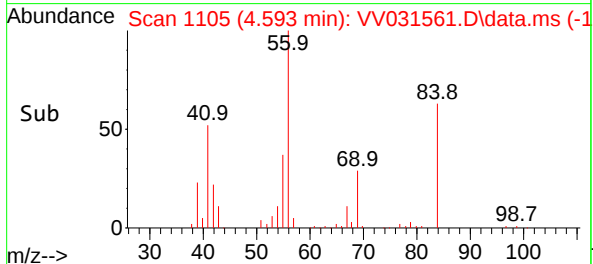
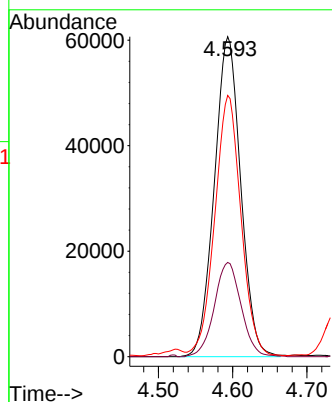
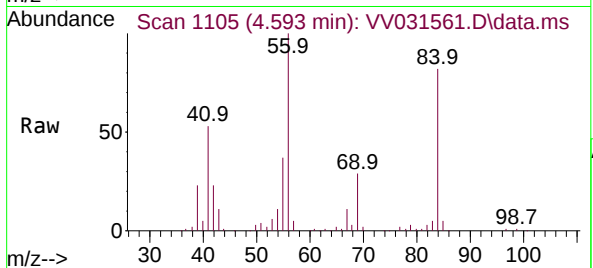
Tgt Ion: 56 Resp: 149987

Ion Ratio Lower Upper

56 100

69 29.8 24.3 36.5

84 80.6 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 46.552 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

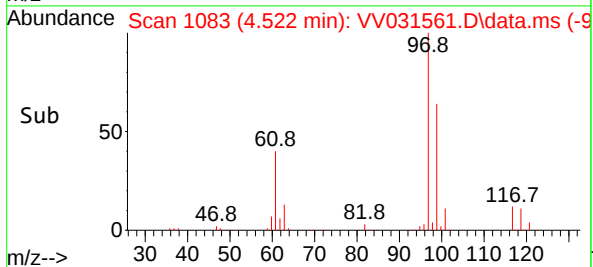
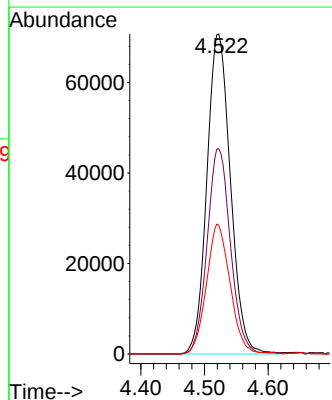
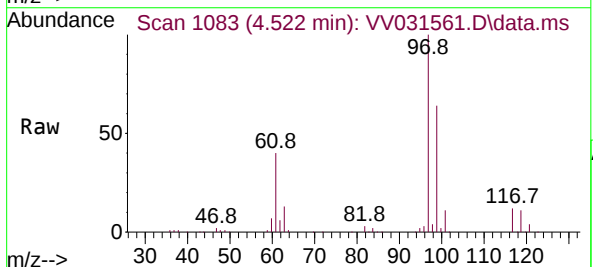
Tgt Ion: 97 Resp: 182093

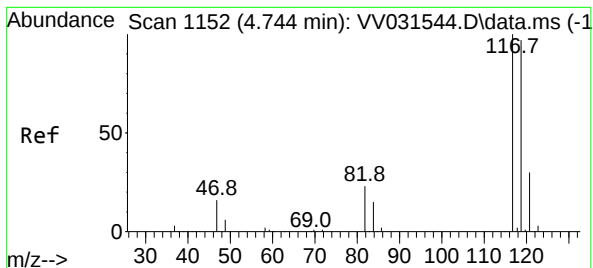
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 40.5 33.0 49.6





#31

Carbon tetrachloride

Concen: 45.696 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

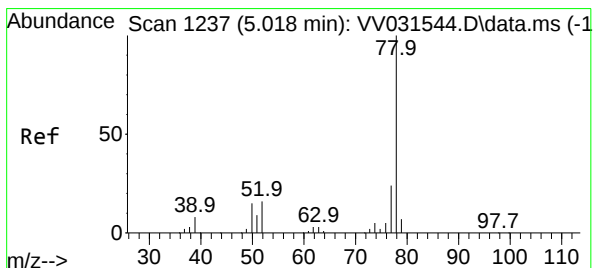
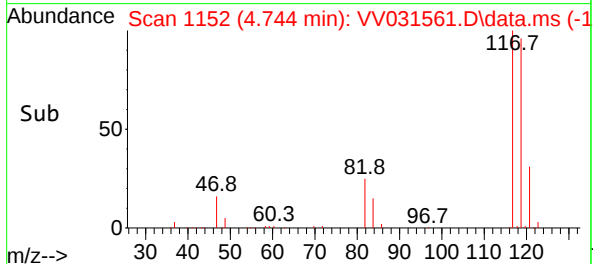
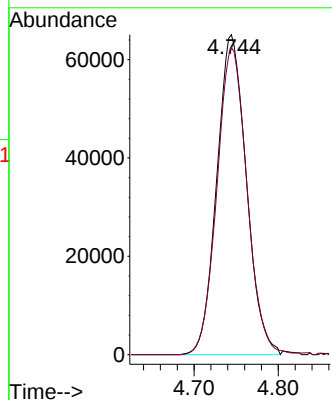
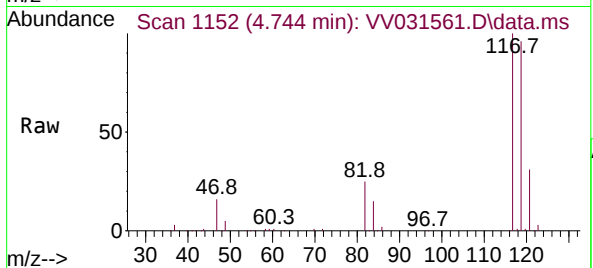
VSTD050373

Tgt Ion:117 Resp: 158374

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.4



#33

Benzene

Concen: 47.463 ug/L

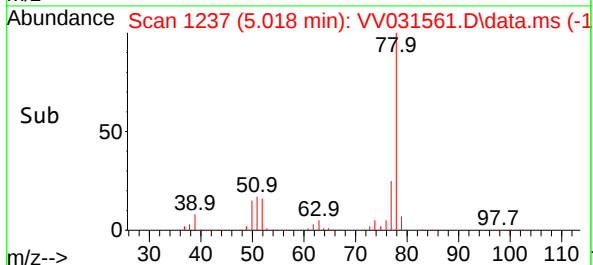
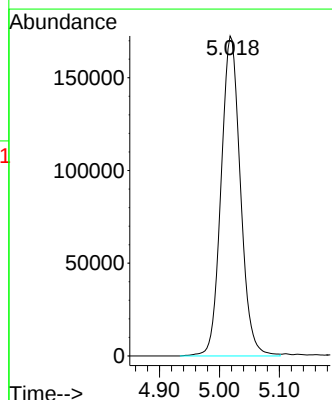
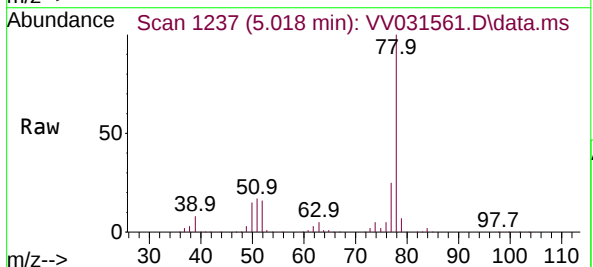
RT: 5.018 min Scan# 1237

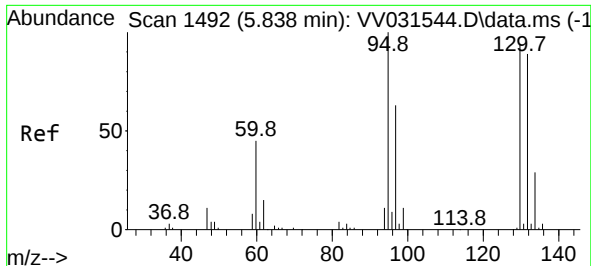
Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Tgt Ion: 78 Resp: 385526

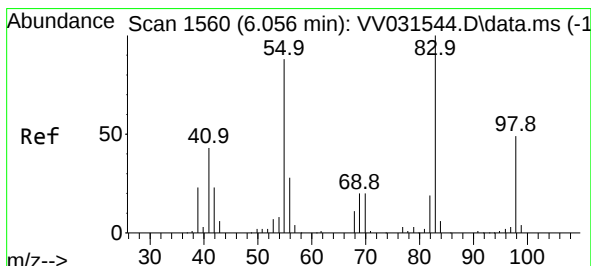
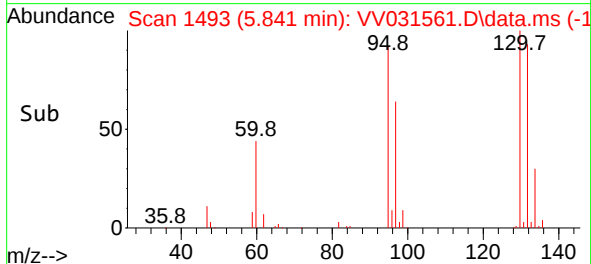
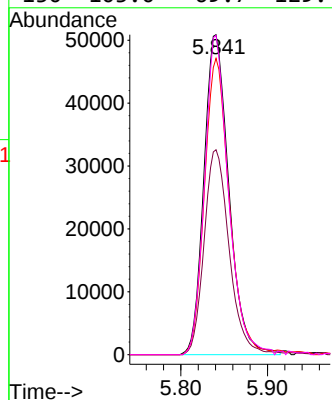
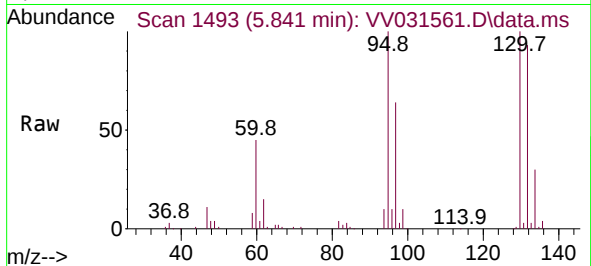




#34
Trichloroethene
Concen: 47.132 ug/L
RT: 5.841 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

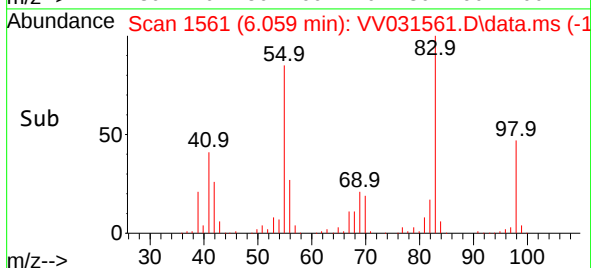
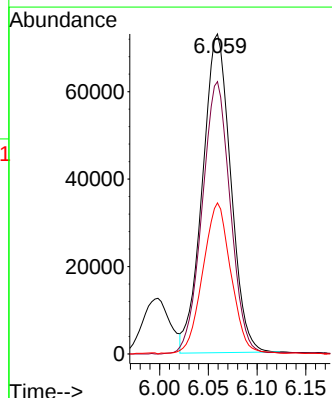
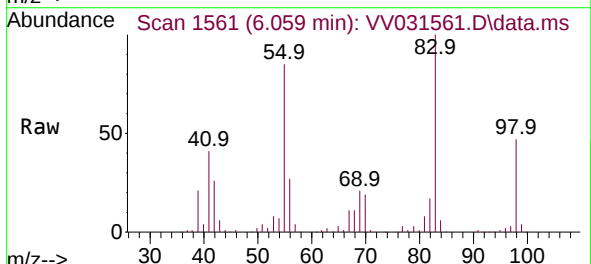
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

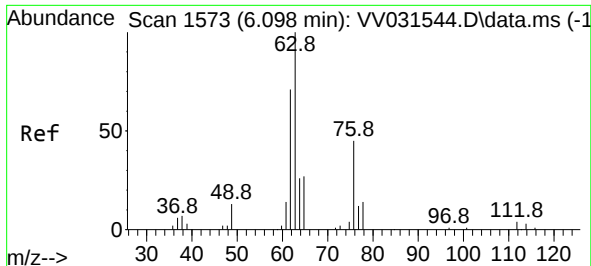
Tgt Ion: 95 Resp: 102300
Ion Ratio Lower Upper
95 100
97 64.0 46.8 86.8
132 95.2 66.4 123.2
130 103.0 69.7 129.4



#35
Methylcyclohexane
Concen: 45.969 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 83 Resp: 147016
Ion Ratio Lower Upper
83 100
55 85.2 68.7 103.1
98 47.4 37.0 55.4





#37

1,2-Dichloropropane

Concen: 46.079 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

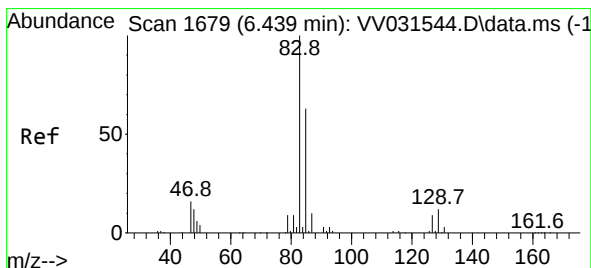
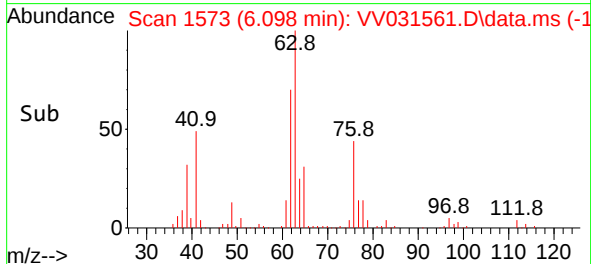
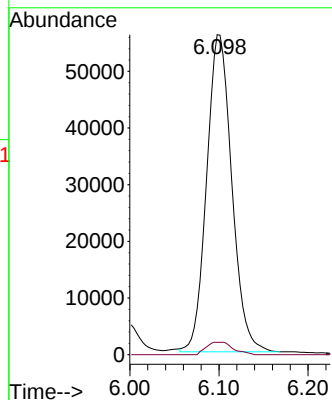
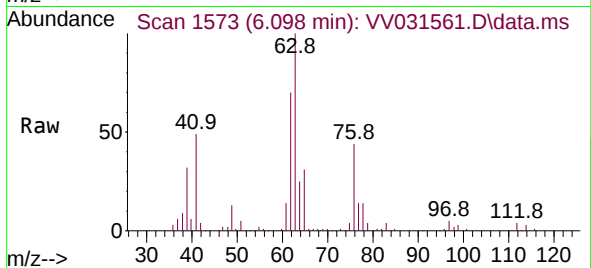
VSTD050373

Tgt Ion: 63 Resp: 109907

Ion Ratio Lower Upper

63 100

112 1.9 3.3 4.9#



#38

Bromodichloromethane

Concen: 47.177 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

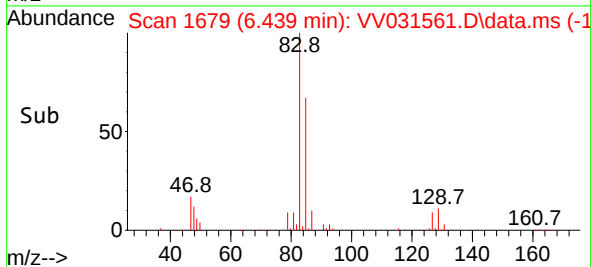
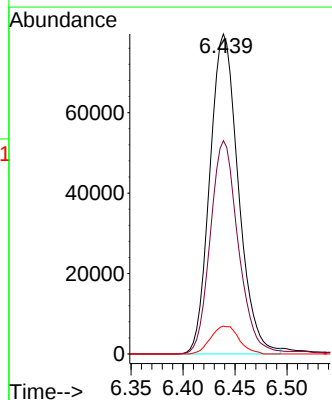
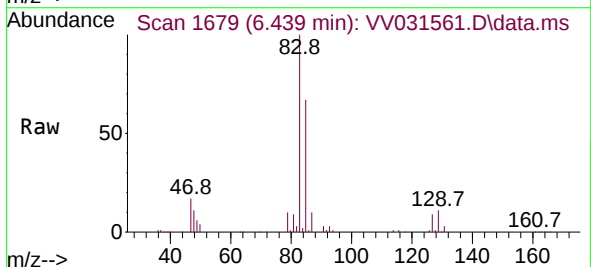
Tgt Ion: 83 Resp: 152095

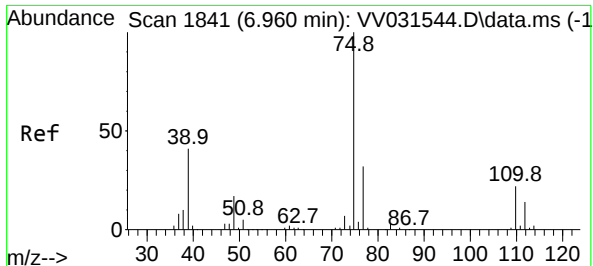
Ion Ratio Lower Upper

83 100

85 66.6 45.3 84.1

127 9.5 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 45.165 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

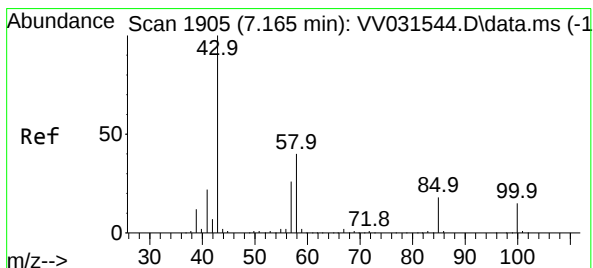
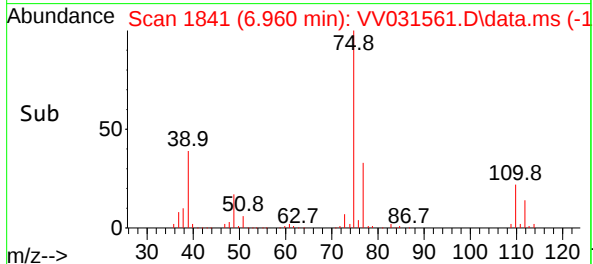
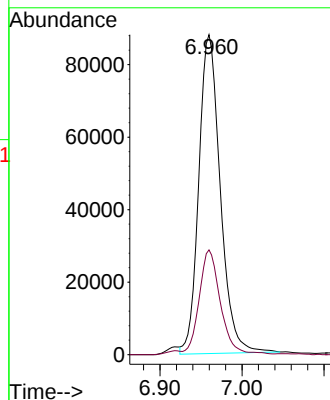
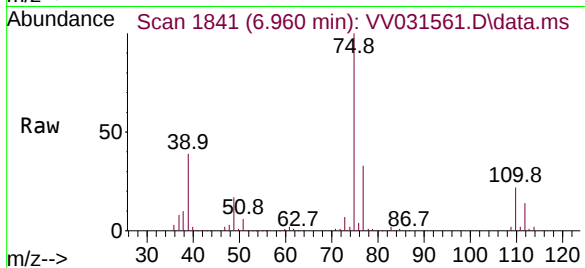
VSTD050373

Tgt Ion: 75 Resp: 159911

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 96.272 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

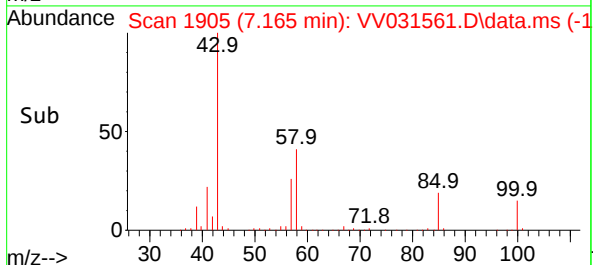
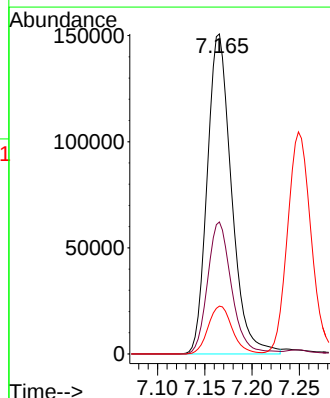
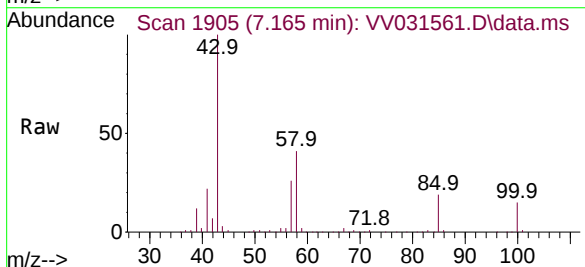
Tgt Ion: 43 Resp: 269629

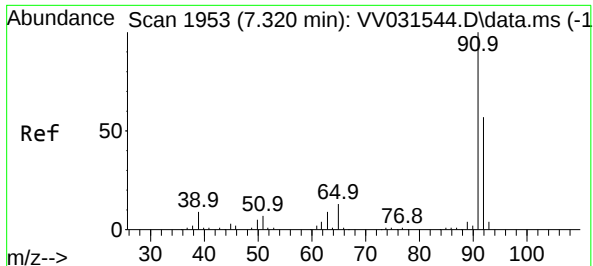
Ion Ratio Lower Upper

43 100

58 40.8 31.8 47.8

100 14.9 11.1 16.7





#42

Toluene

Concen: 49.046 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

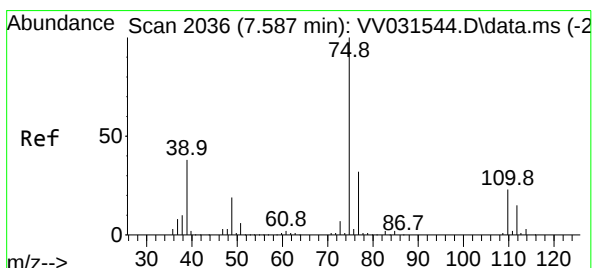
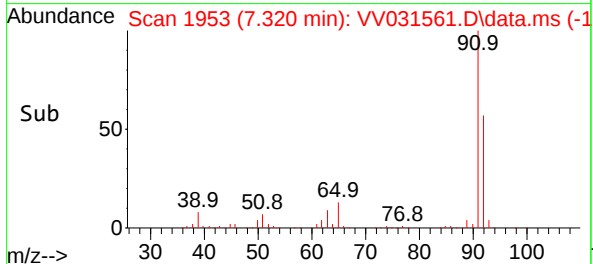
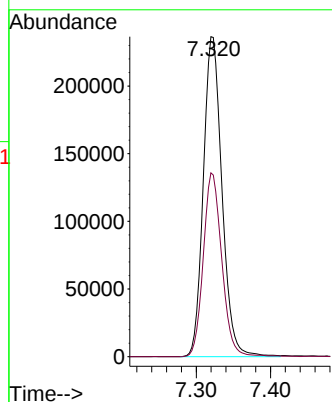
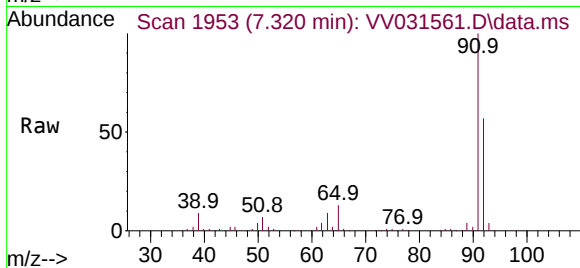
VSTD050373

Tgt Ion: 91 Resp: 413058

Ion Ratio Lower Upper

91 100

92 57.5 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 47.208 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031561.D

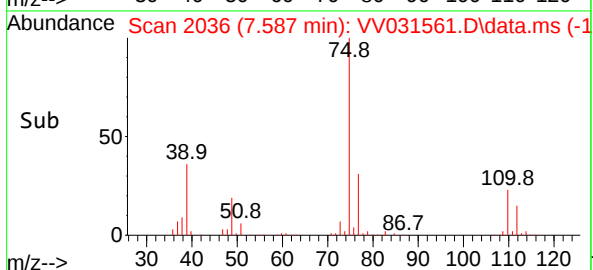
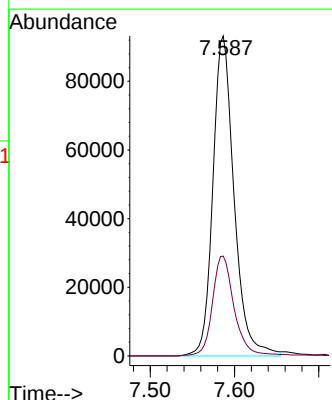
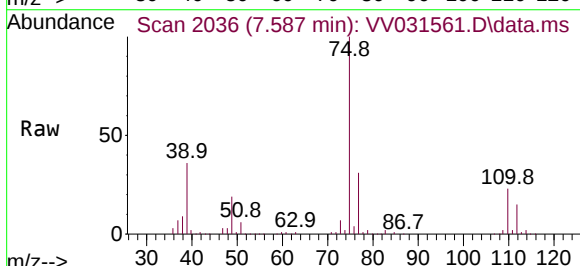
Acq: 16 Jun 2023 04:06

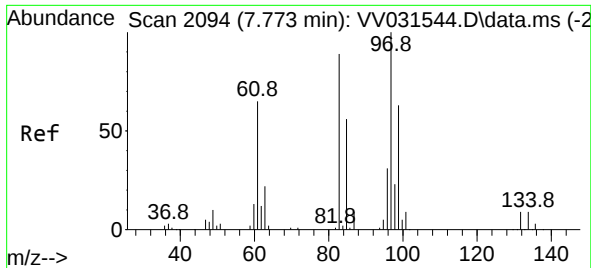
Tgt Ion: 75 Resp: 162774

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



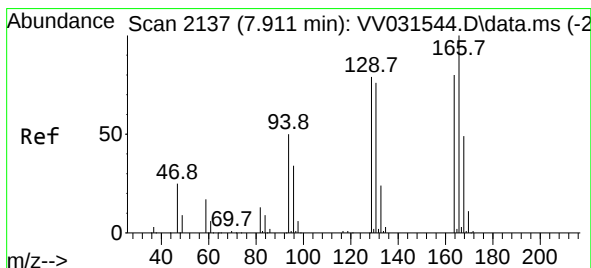
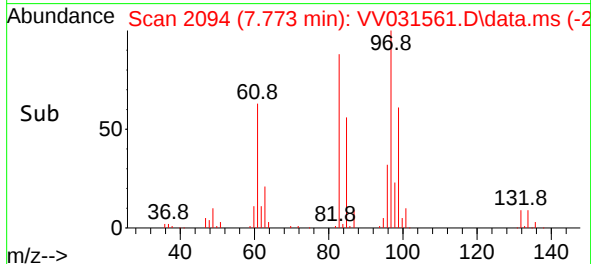
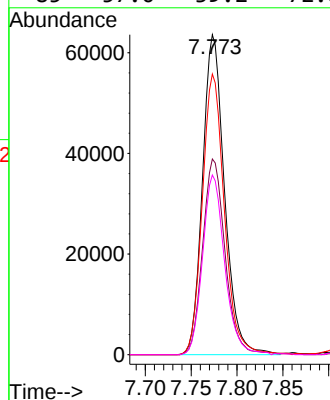
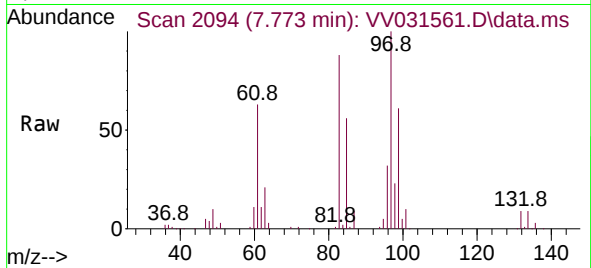


#45
1,1,2-Trichloroethane
Concen: 47.137 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

Tgt Ion: 97 Resp: 106208

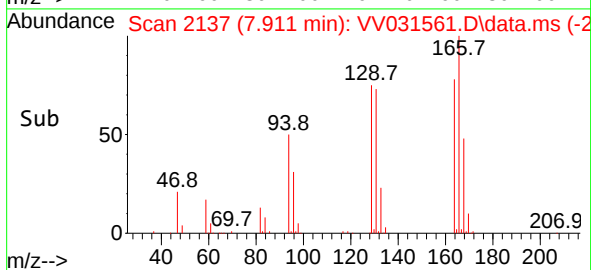
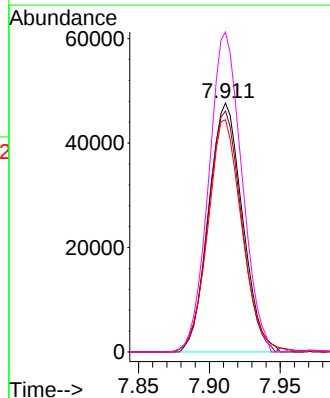
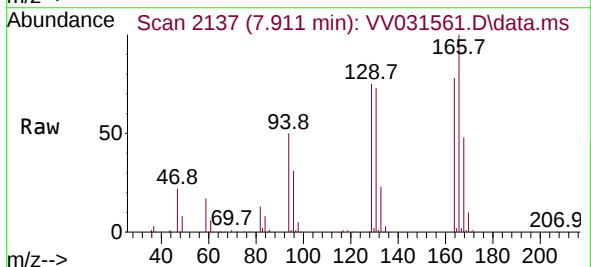
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.7	81.1
83	87.7	60.9	113.1
85	57.0	39.2	72.8

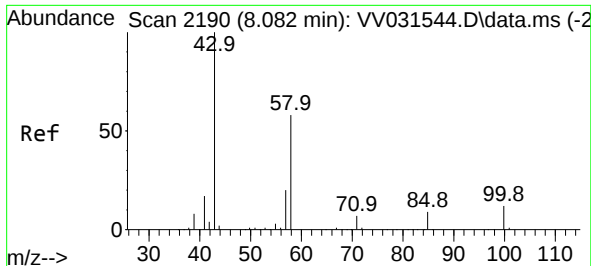


#46
Tetrachloroethene
Concen: 46.499 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 164 Resp: 79212

Ion	Ratio	Lower	Upper
164	100		
129	94.2	68.4	127.0
131	92.6	67.6	125.6
166	128.0	91.3	169.5



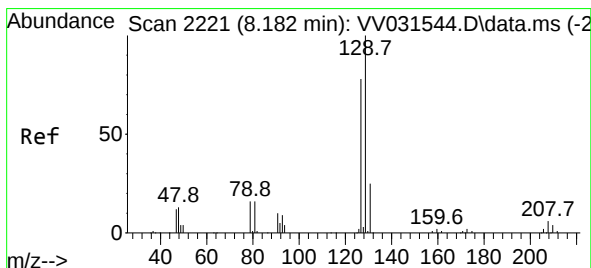
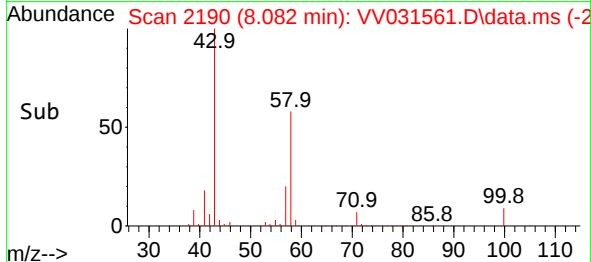
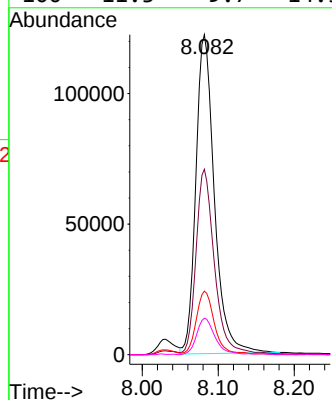
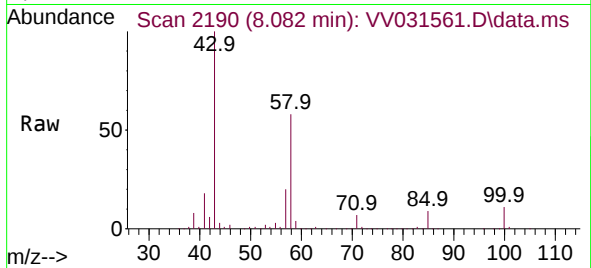


#48
2-Hexanone
Concen: 92.650 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

Tgt Ion: 43 Resp: 207240

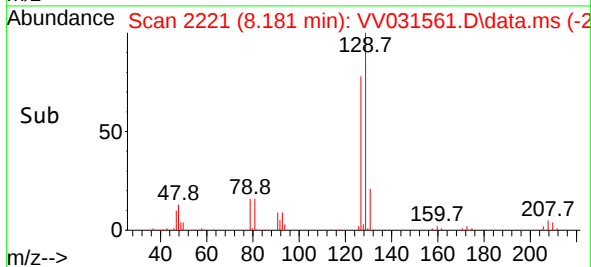
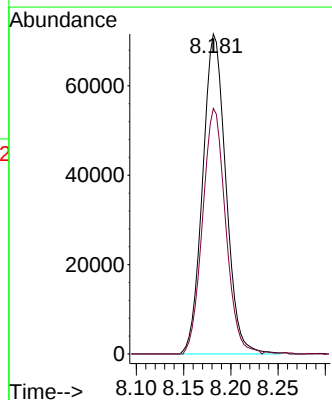
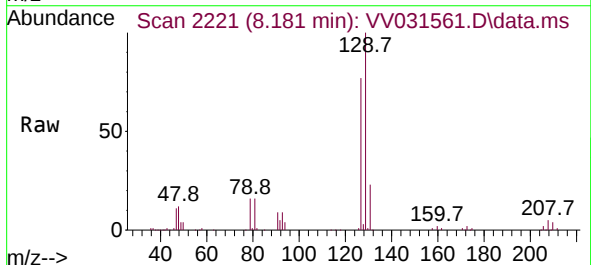
Ion	Ratio	Lower	Upper
43	100		
58	56.0	46.7	70.1
57	18.3	15.5	23.3
100	11.3	9.7	14.5

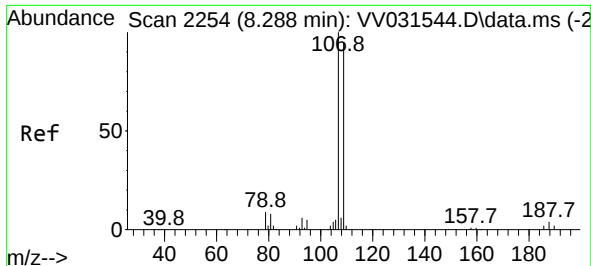


#49
Dibromochloromethane
Concen: 48.888 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 129 Resp: 122427

Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.8	103.6

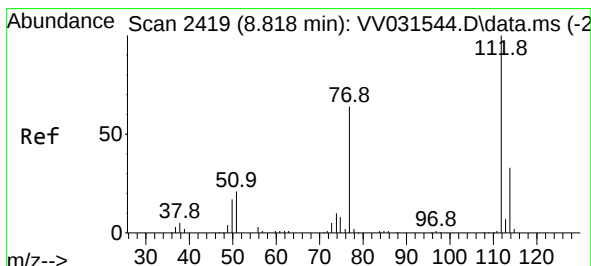
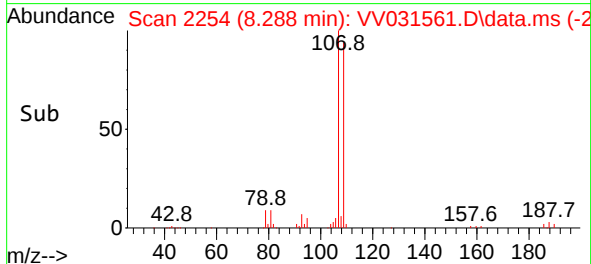
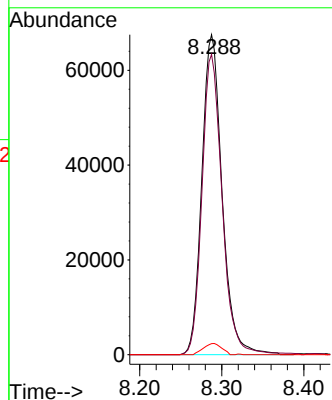
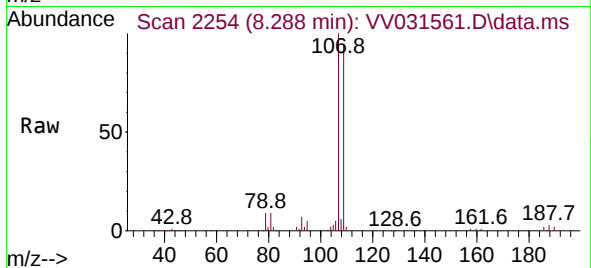




#50
1,2-Dibromoethane
Concen: 48.326 ug/L
RT: 8.288 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

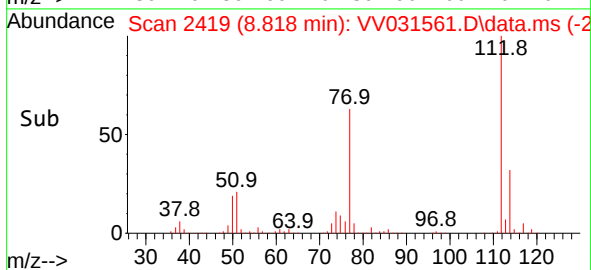
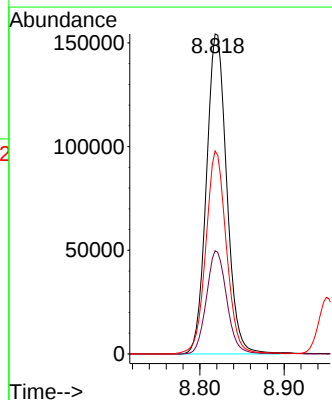
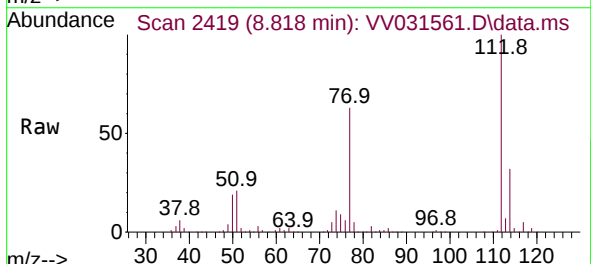
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

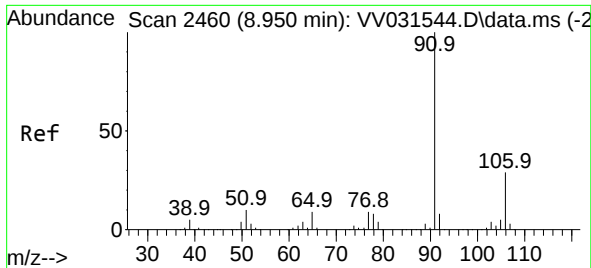
Tgt Ion:107 Resp: 115941
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 46.486 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion:112 Resp: 259291
Ion Ratio Lower Upper
112 100
114 32.3 22.9 42.5
77 63.4 52.5 78.7

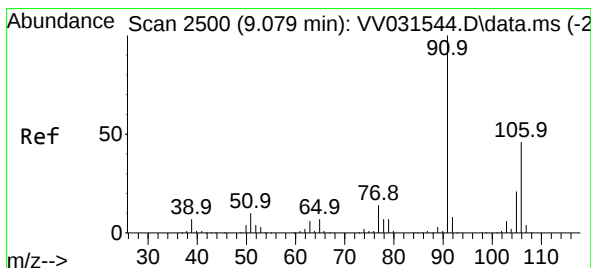
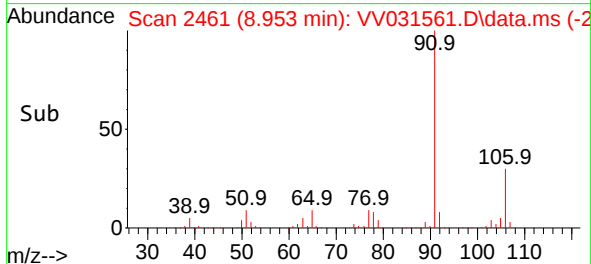
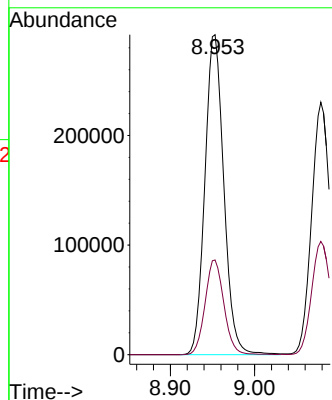
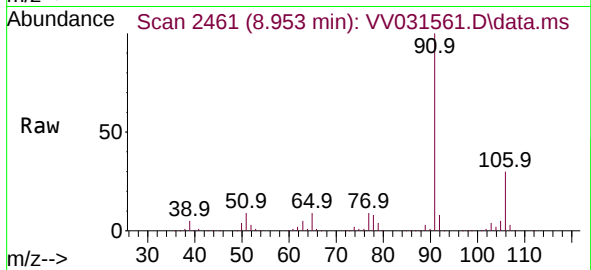




#52
Ethylbenzene
Concen: 48.567 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

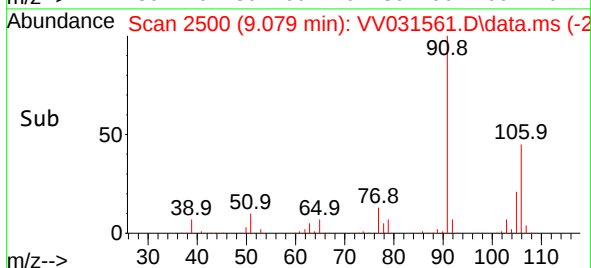
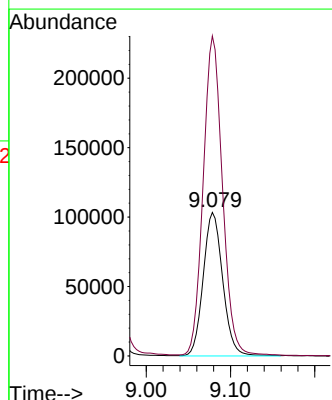
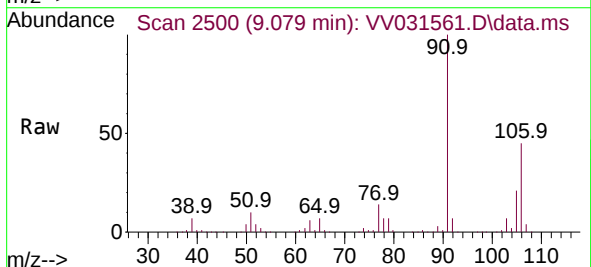
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

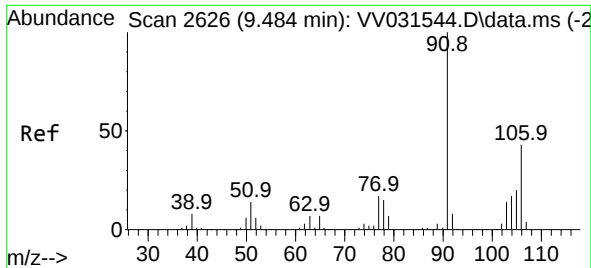
Tgt Ion: 91 Resp: 456403
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 48.497 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion:106 Resp: 166898
Ion Ratio Lower Upper
106 100
91 222.9 149.0 276.6

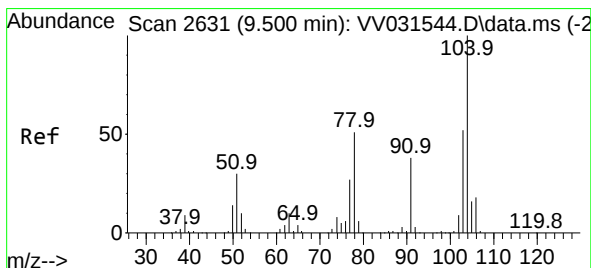
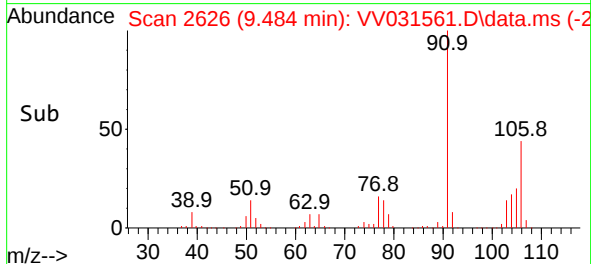
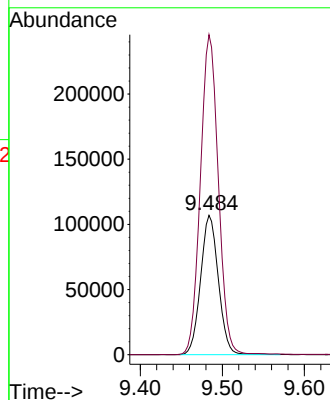
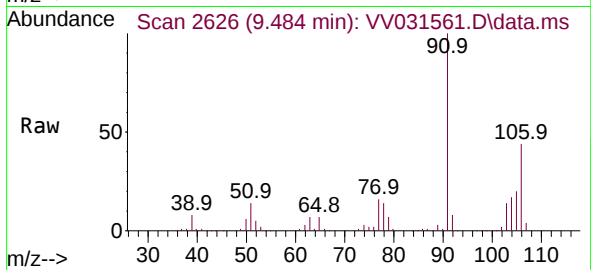




#54
o-Xylene
Concen: 49.223 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

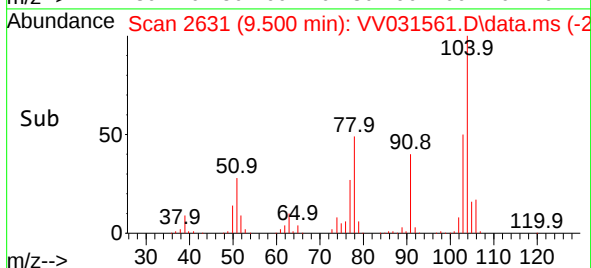
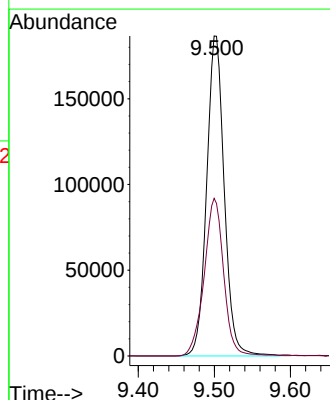
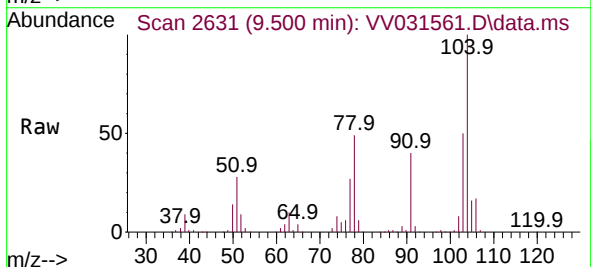
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

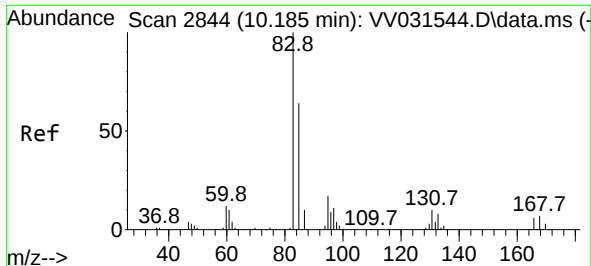
Tgt Ion:106 Resp: 160755
Ion Ratio Lower Upper
106 100
91 229.6 161.3 299.7



#55
Styrene
Concen: 51.520 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion:104 Resp: 300494
Ion Ratio Lower Upper
104 100
78 49.2 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 46.801 ug/L

RT: 10.181 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

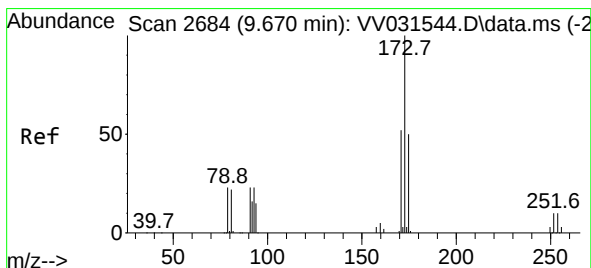
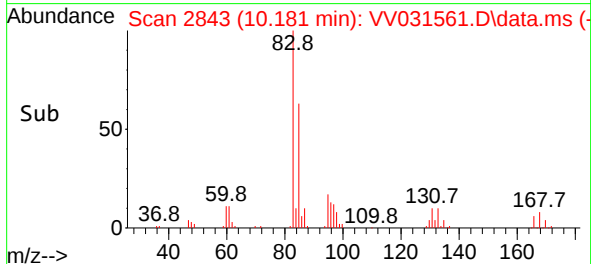
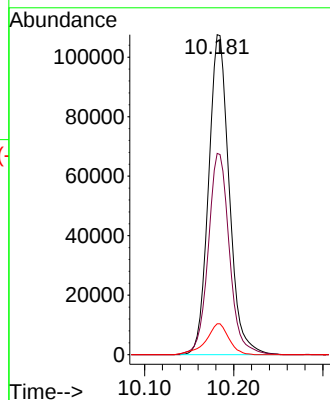
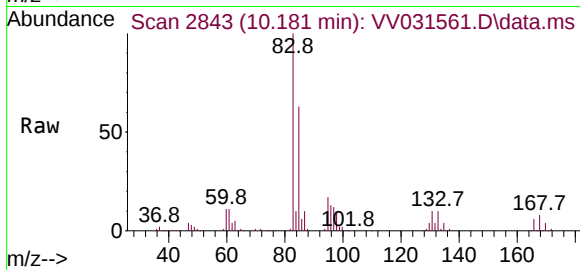
Tgt Ion: 83 Resp: 172301

Ion Ratio Lower Upper

83 100

85 62.9 43.1 80.1

131 13.3 10.6 16.0



#59

Bromoform

Concen: 49.655 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

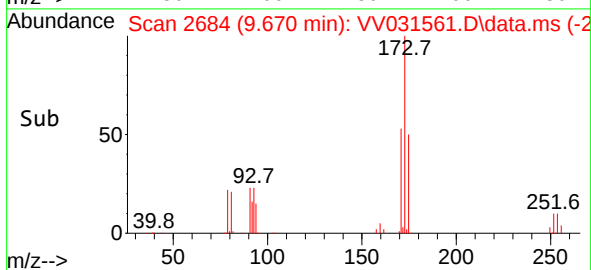
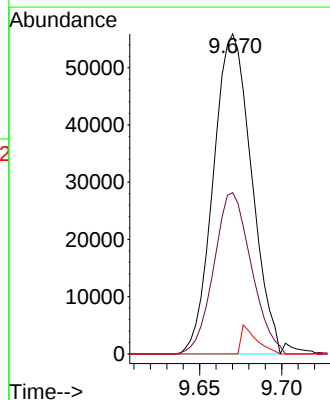
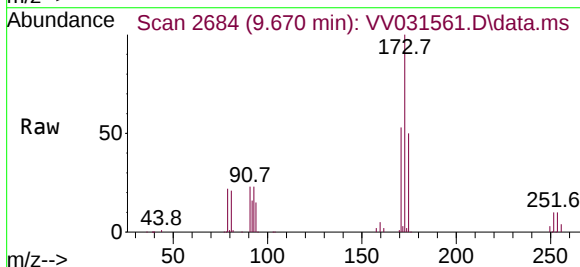
Tgt Ion: 173 Resp: 90234

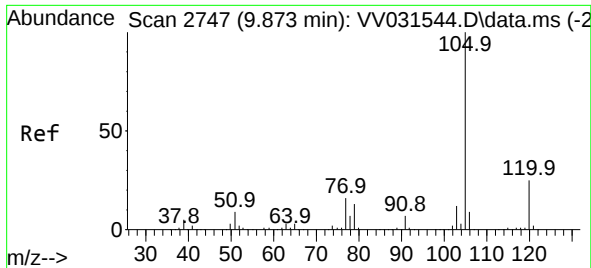
Ion Ratio Lower Upper

173 100

175 49.5 37.7 56.5

254 3.6 0.1 0.1#

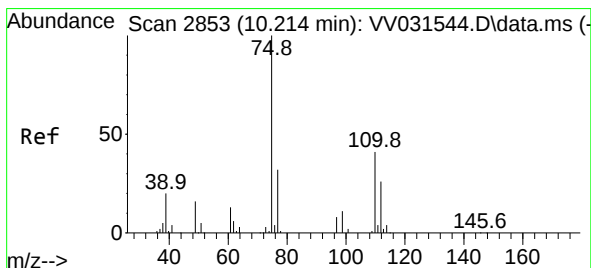
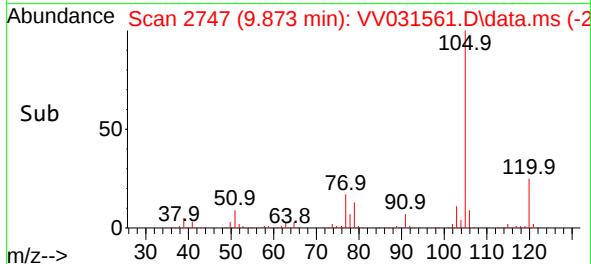
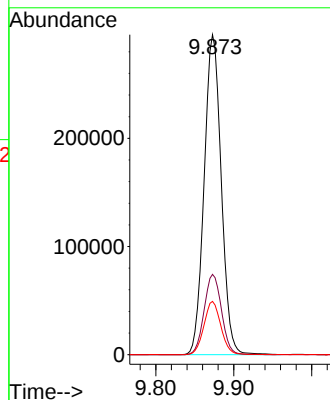
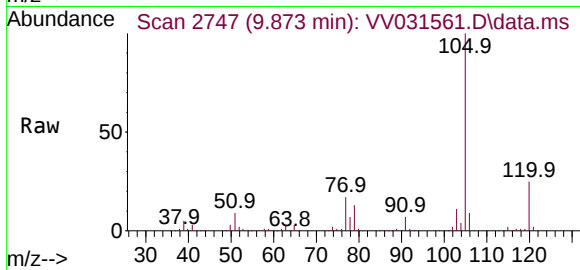




#60
Isopropylbenzene
Concen: 48.384 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

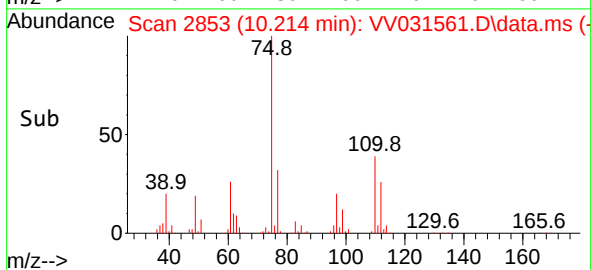
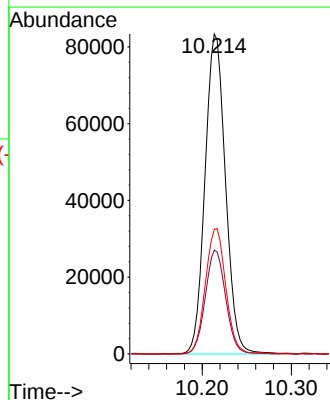
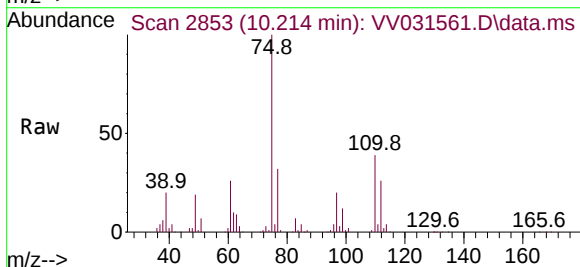
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

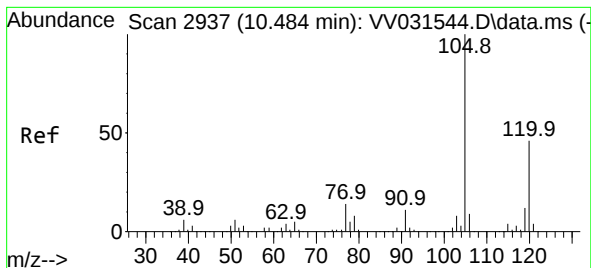
Tgt Ion:105 Resp: 452209
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2
77 16.5 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 45.890 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 75 Resp: 132878
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 38.9 31.3 46.9

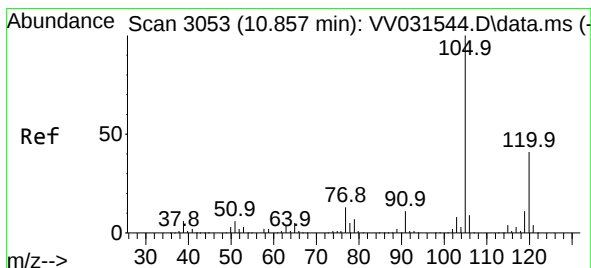
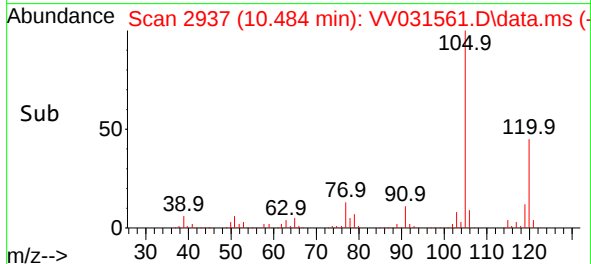
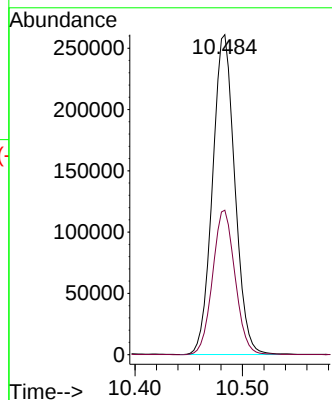
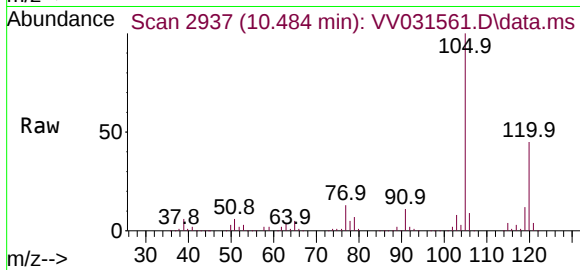




#62
1,3,5-Trimethylbenzene
Concen: 48.739 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

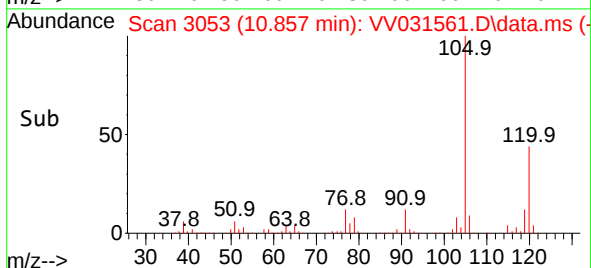
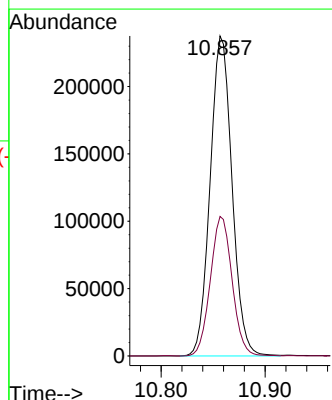
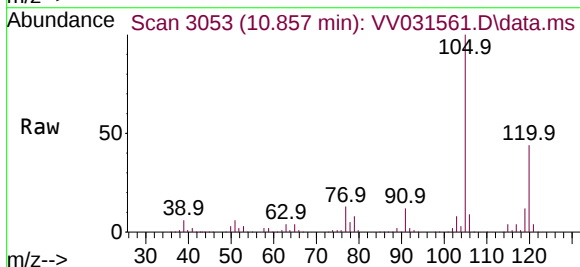
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

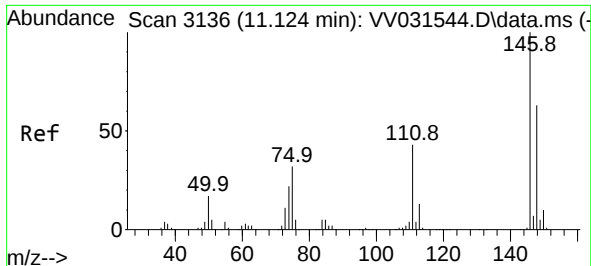
Tgt Ion:105 Resp: 376486
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.2



#63
1,2,4-Trimethylbenzene
Concen: 48.244 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion:105 Resp: 347232
Ion Ratio Lower Upper
105 100
120 43.3 33.4 50.2

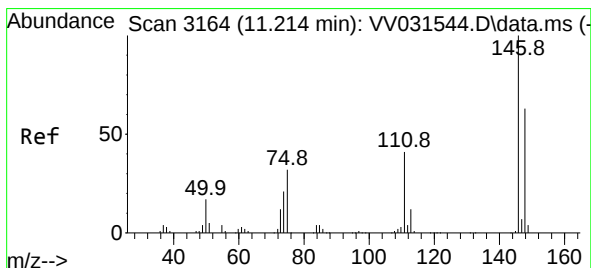
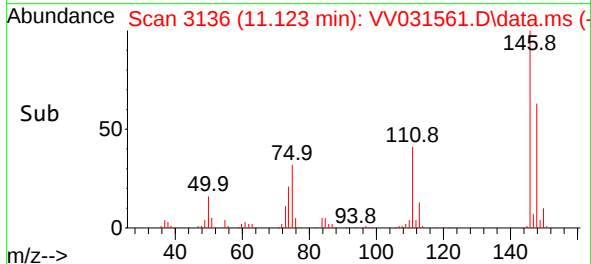
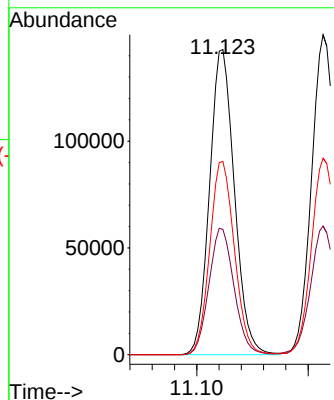
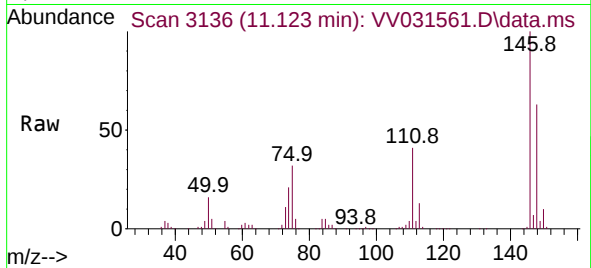




#64
 1,3-Dichlorobenzene
 Concen: 47.315 ug/L
 RT: 11.123 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

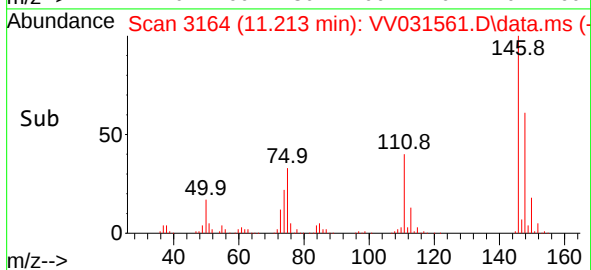
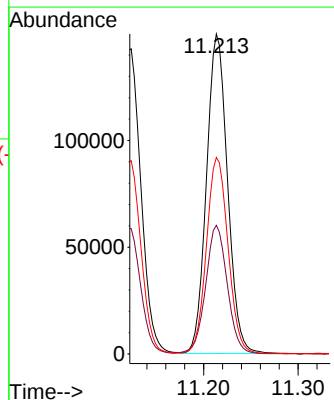
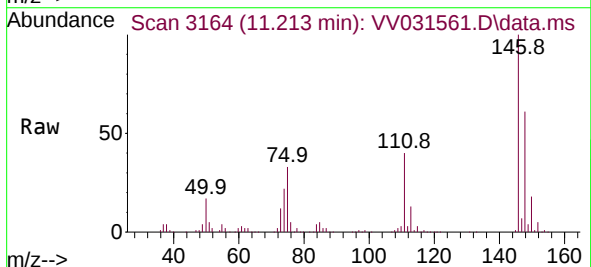
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

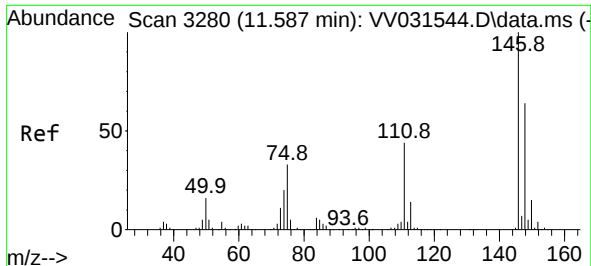
Tgt Ion:146 Resp: 221708
 Ion Ratio Lower Upper
 146 100
 111 41.1 30.4 56.5
 148 63.3 44.7 83.1



#65
 1,4-Dichlorobenzene
 Concen: 46.345 ug/L
 RT: 11.213 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

Tgt Ion:146 Resp: 231411
 Ion Ratio Lower Upper
 146 100
 111 40.2 27.9 51.7
 148 61.4 43.6 81.0

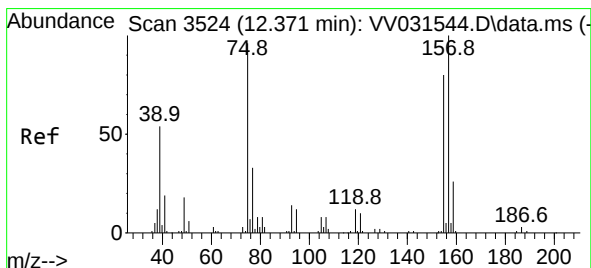
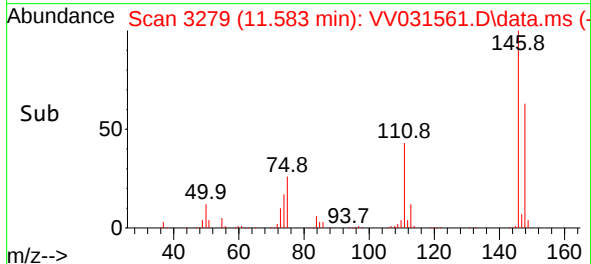
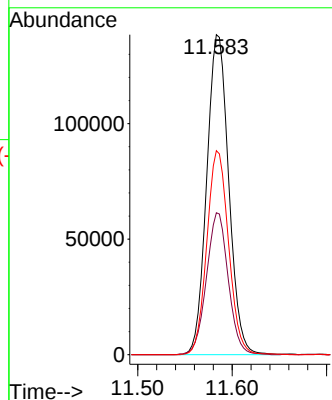
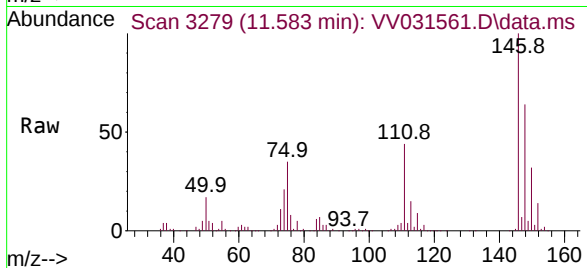




#67
1,2-Dichlorobenzene
Concen: 47.320 ug/L
RT: 11.583 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

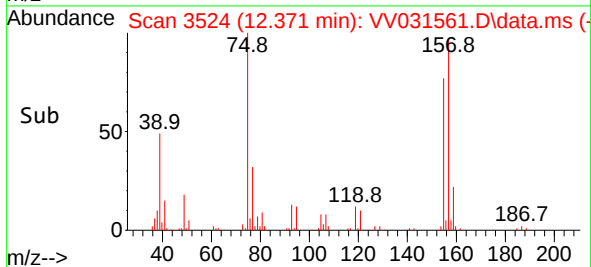
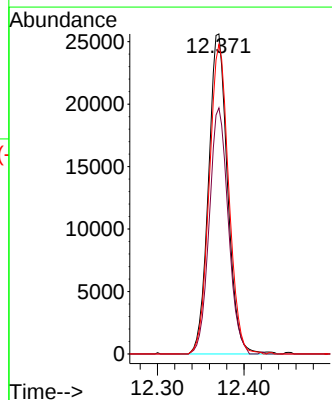
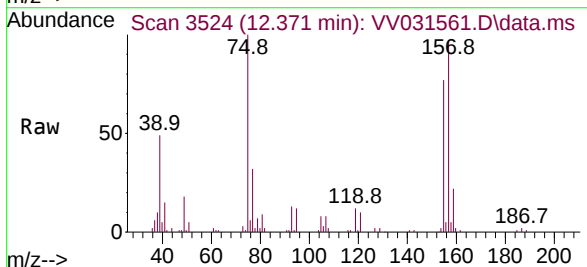
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

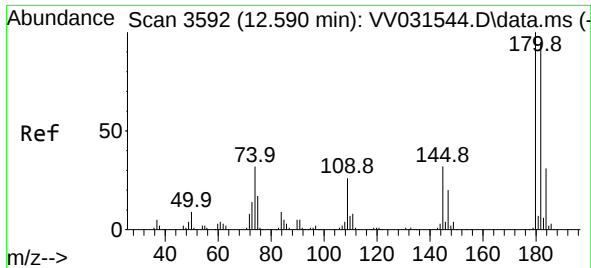
Tgt Ion:146 Resp: 223790
Ion Ratio Lower Upper
146 100
111 44.4 35.9 53.9
148 63.7 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 45.591 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV031561.D
Acq: 16 Jun 2023 04:06

Tgt Ion: 75 Resp: 39182
Ion Ratio Lower Upper
75 100
155 81.7 63.2 94.8
157 96.7 85.3 127.9

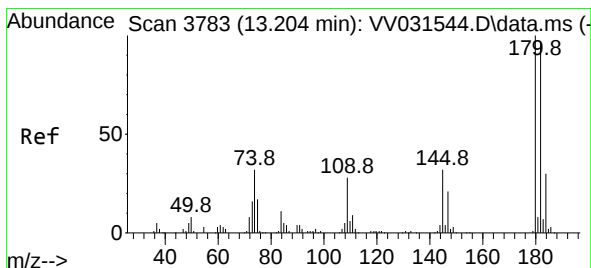
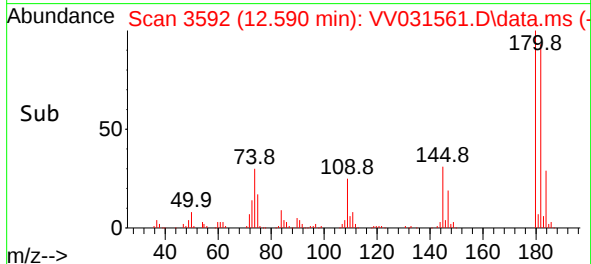
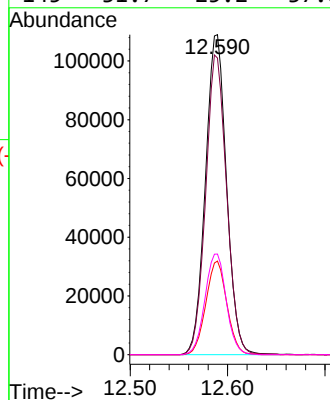
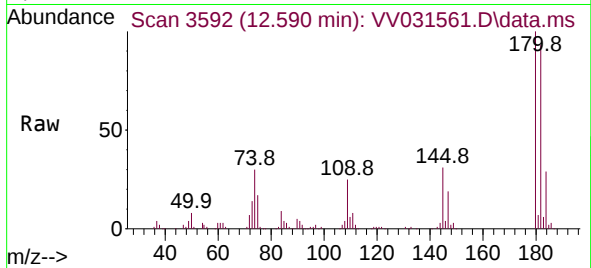




#69
 1,3,5-Trichlorobenzene
 Concen: 45.860 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

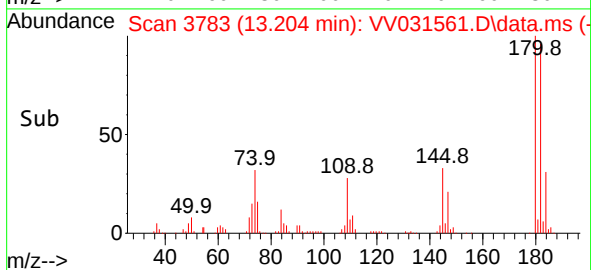
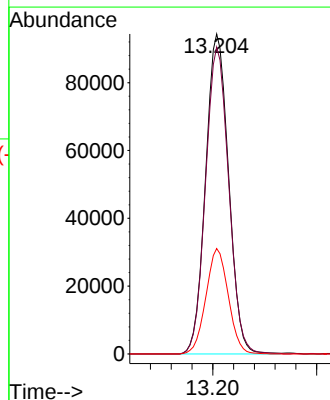
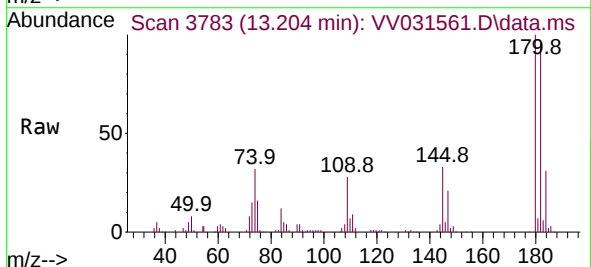
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

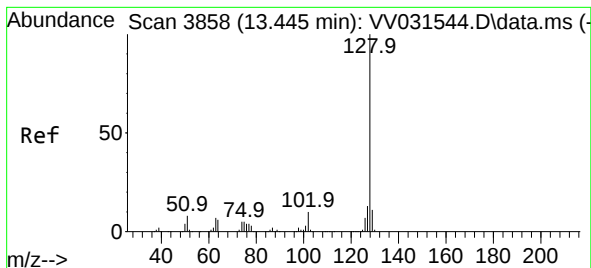
Tgt Ion:180 Resp: 163738
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.6 115.0
 184 29.2 24.7 37.1
 145 31.7 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 46.279 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031561.D
 Acq: 16 Jun 2023 04:06

Tgt Ion:180 Resp: 144835
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.7 116.5
 145 32.1 26.1 39.1





#71

Naphthalene

Concen: 48.398 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

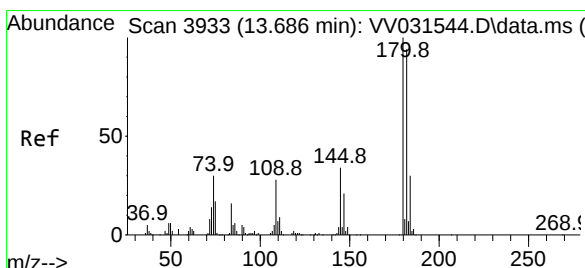
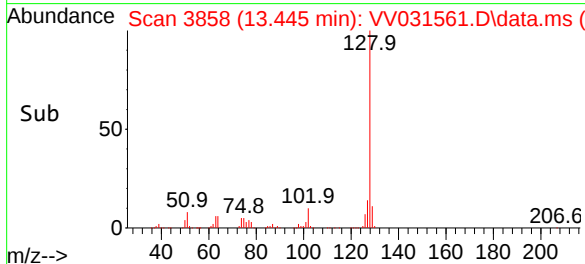
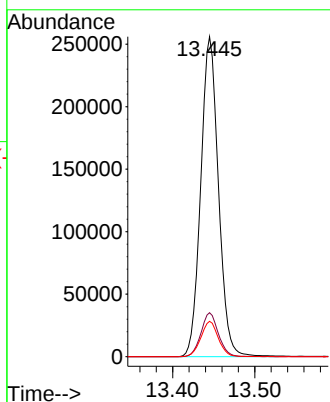
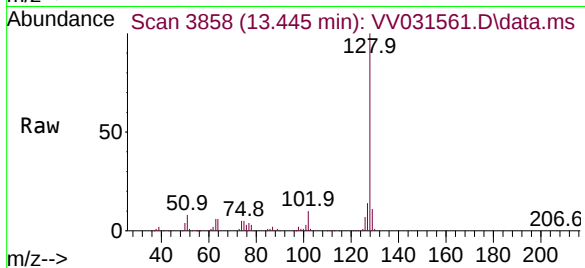
Tgt Ion:128 Resp: 383657

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 46.655 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. -0.000 min

Lab File: VV031561.D

Acq: 16 Jun 2023 04:06

Tgt Ion:180 Resp: 151732

Ion Ratio Lower Upper

180 100

182 95.0 74.0 111.0

145 34.0 26.2 39.2

