

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111522\
 Data File : VW025050.D
 Acq On : 15 Nov 2022 09:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025497

Quant Time: Nov 16 00:08:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 14 23:45:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	286984	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	260460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	136716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	59631	18.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.040%
7) Chloroethane-d5	2.892	69	43525	23.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	4.025	63	187166	23.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.320%
21) 2-Butanone-d5	7.080	46	46249	42.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.080%
24) Chloroform-d	7.653	84	225388	25.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.520%
26) 1,2-Dichloroethane-d4	8.305	65	118226	24.250	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	8.275	84	418181	25.049	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.275	67	118541	24.234	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.323	98	383070	24.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	10.579	79	51252	23.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.927	63	36977	43.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	90963	23.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	128795	24.514	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.008	85	17887	18.687	ug/L	98
3) Chloromethane	2.221	50	50355	21.872	ug/L	98
5) Vinyl chloride	2.367	62	76166	23.943	ug/L	98
6) Bromomethane	2.782	94	37722	23.762	ug/L	99
8) Chloroethane	2.928	64	33805	25.475	ug/L	97
9) Trichlorofluoromethane	3.263	101	73882	27.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	99017	26.202	ug/L	99
12) 1,1-Dichloroethene	4.044	96	93300	26.208	ug/L	94
13) Acetone	4.129	43	37669	48.774	ug/L	98
14) Carbon disulfide	4.391	76	248611	23.907	ug/L	99
15) Methyl Acetate	4.672	43	30787	20.022	ug/L	100
16) Methylene chloride	4.922	84	96346	18.908	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	96418	25.294	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	152159	23.796	ug/L	99
19) 1,1-Dichloroethane	6.226	63	181366	25.699	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	107666	25.914	ug/L	98
22) 2-Butanone	7.171	43	44785	38.704	ug/L	97
23) Bromochloromethane	7.519	128	46058	25.571	ug/L	96
25) Chloroform	7.677	83	199586	26.796	ug/L	97

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 Response via : Initial Calibration

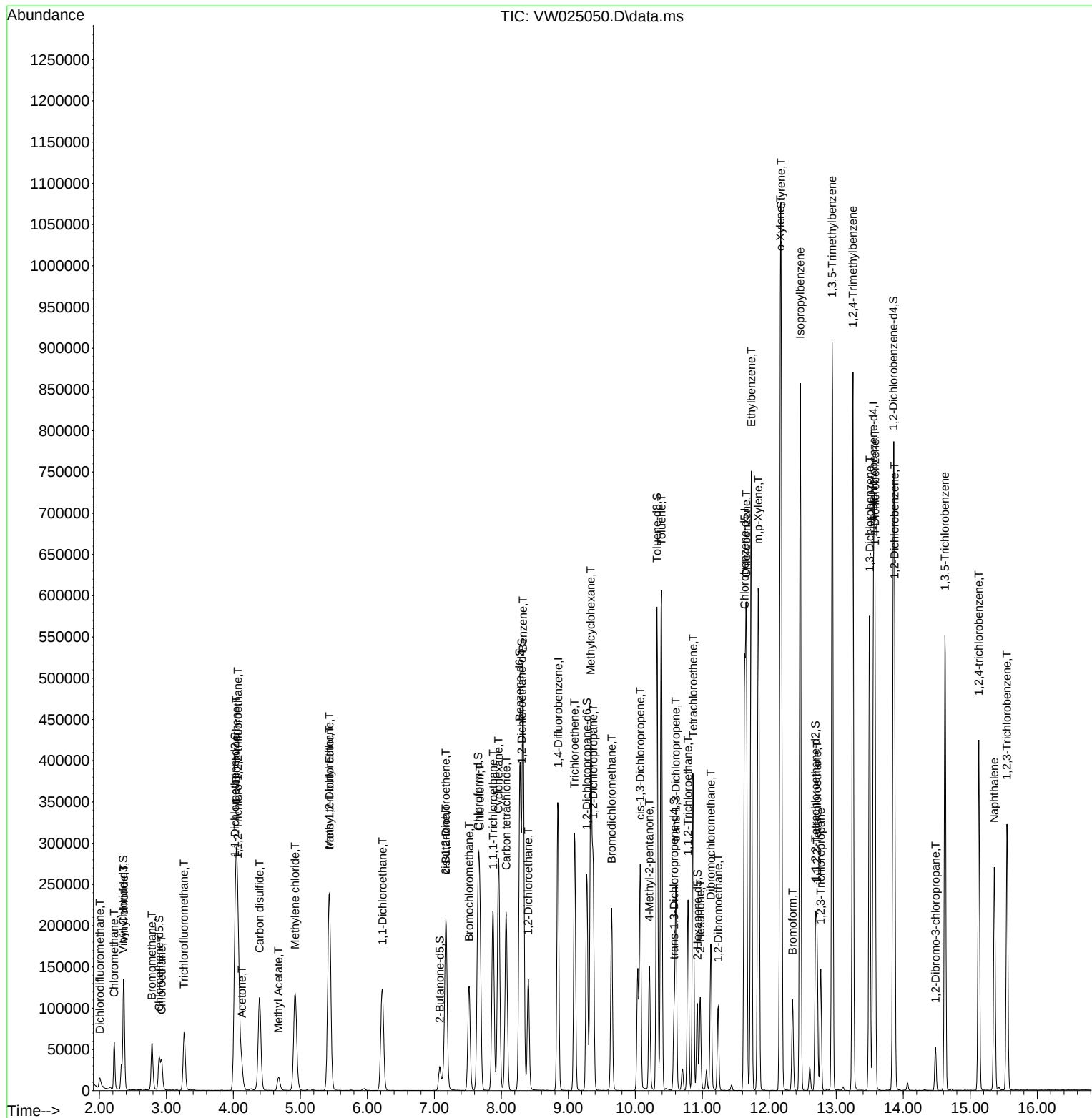
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	127850	25.306	ug/L	99
29) Cyclohexane	7.958	56	155311	25.253	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	178782	28.049	ug/L	98
31) Carbon tetrachloride	8.074	117	167128	29.344	ug/L	97
33) Benzene	8.323	78	409210	26.090	ug/L	100
34) Trichloroethene	9.092	95	110252	26.553	ug/L	98
35) Methylcyclohexane	9.335	83	187175	26.530	ug/L	97
37) 1,2-Dichloropropane	9.372	63	96499	25.349	ug/L	99
38) Bromodichloromethane	9.646	83	143797	27.065	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	158838	26.393	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	94095	42.120	ug/L	99
42) Toluene	10.390	91	446183	26.795	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	137518	25.703	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	71798	24.979	ug/L	97
46) Tetrachloroethene	10.866	164	82706	27.853	ug/L	94
48) 2-Hexanone	10.969	43	68500	44.338	ug/L	98
49) Dibromochloromethane	11.128	129	91556	26.131	ug/L	100
50) 1,2-Dibromoethane	11.238	107	66721	24.544	ug/L	97
51) Chlorobenzene	11.658	112	288197	26.701	ug/L	96
52) Ethylbenzene	11.731	91	515037	26.795	ug/L	97
53) m,p-Xylene	11.835	106	196967	26.473	ug/L	96
54) o-Xylene	12.164	106	192230	27.386	ug/L	94
55) Styrene	12.176	104	326210	26.757	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	81299	23.578	ug/L	96
59) Bromoform	12.347	173	47677	24.656	ug/L #	99
60) Isopropylbenzene	12.463	105	540852	26.313	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	59574	21.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	474219	26.578	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	473952	27.088	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	227084	26.489	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	222906	26.059	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	200677	26.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	14517	22.871	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	157667	27.768	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	123756	28.042	ug/L	96
71) Naphthalene	15.359	128	228182	24.509	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	98604	25.642	ug/L	94

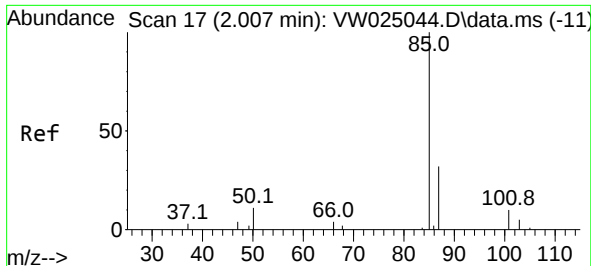
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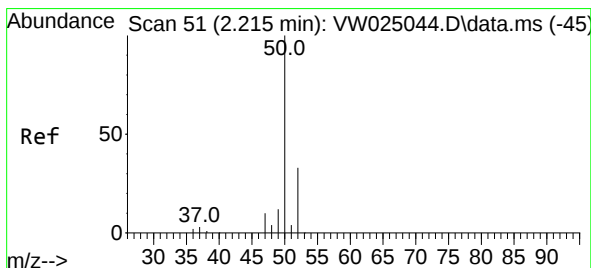
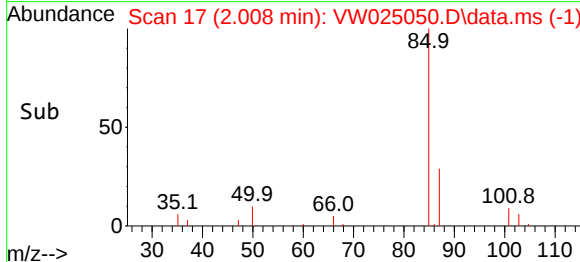
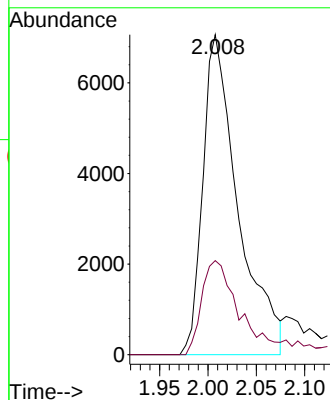
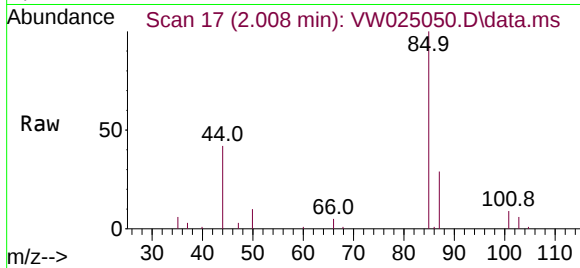




#2
 Dichlorodifluoromethane
 Concen: 18.687 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025050.D
 Acq: 15 Nov 2022 09:14

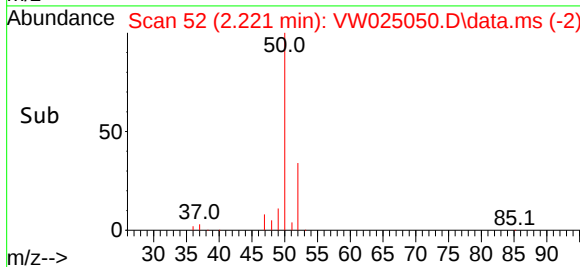
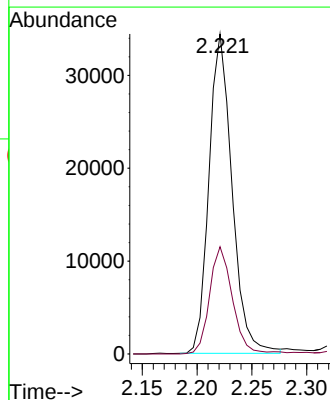
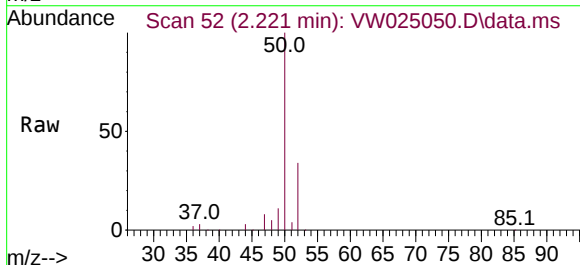
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025497

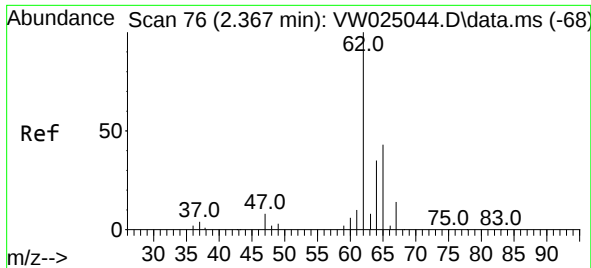
Tgt Ion: 85 Resp: 17887
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.9 38.9



#3
 Chloromethane
 Concen: 21.872 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW025050.D
 Acq: 15 Nov 2022 09:14

Tgt Ion: 50 Resp: 50355
 Ion Ratio Lower Upper
 50 100
 52 33.5 24.1 44.8

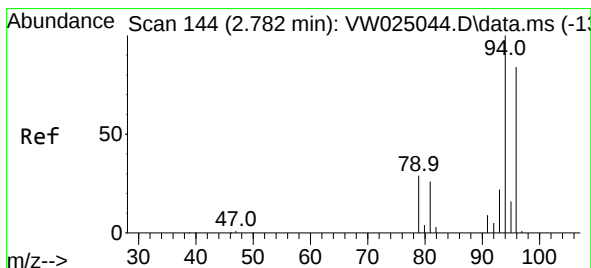
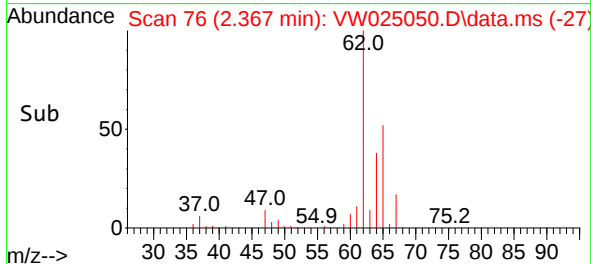
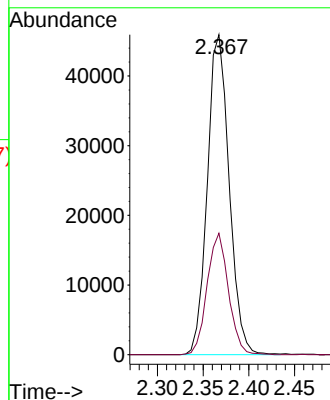
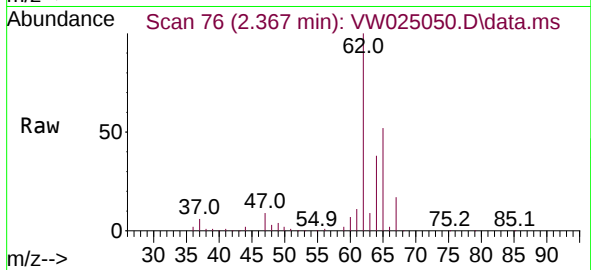




#5
 Vinyl chloride
 Concen: 23.943 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW025050.D
 Acq: 15 Nov 2022 09:14

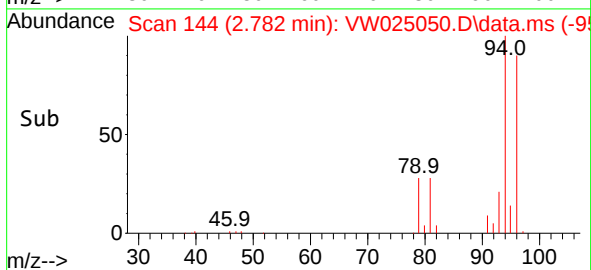
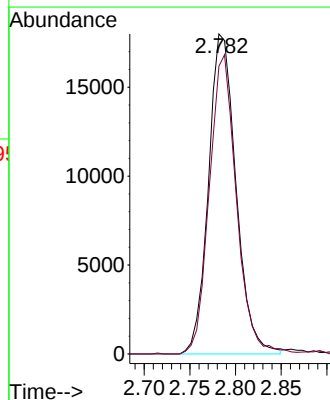
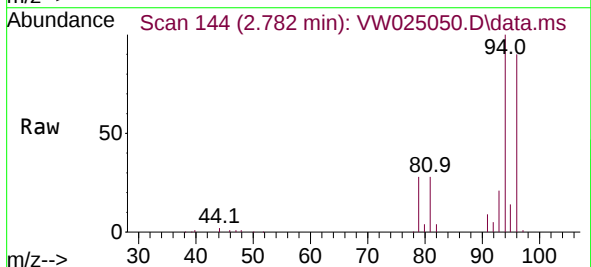
Instrument :
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 ClientSampleId :
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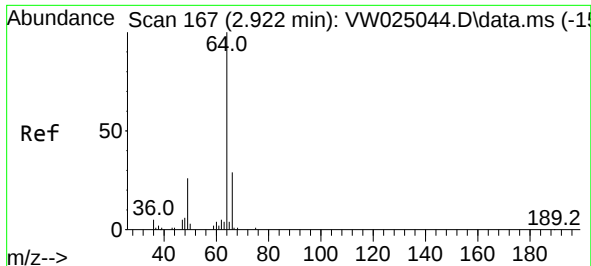
Tgt Ion: 62 Resp: 76166
 Ion Ratio Lower Upper
 62 100
 64 37.9 27.2 50.6



#6
 Bromomethane
 Concen: 23.762 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW025050.D
 Acq: 15 Nov 2022 09:14

Tgt Ion: 94 Resp: 37722
 Ion Ratio Lower Upper
 94 100
 96 89.9 63.8 118.6

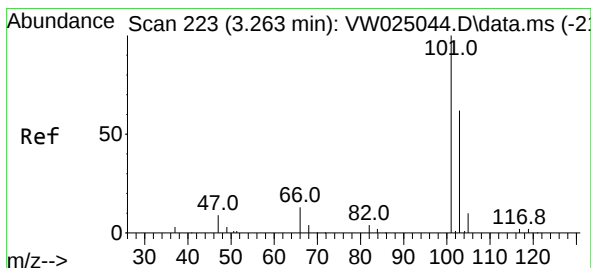
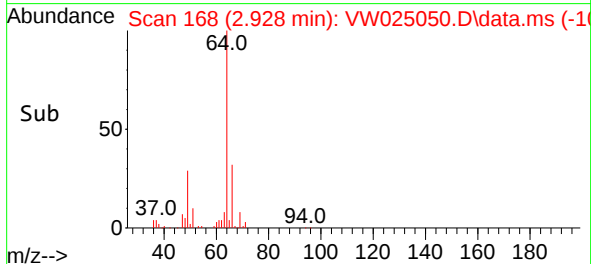
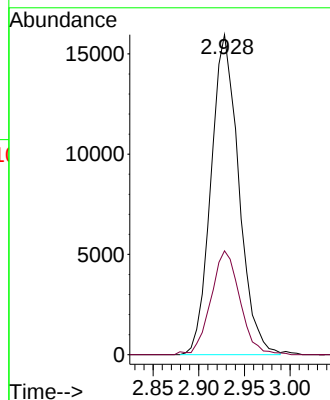
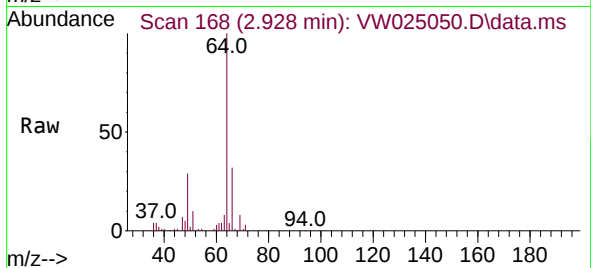




#8
Chloroethane
Concen: 25.475 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

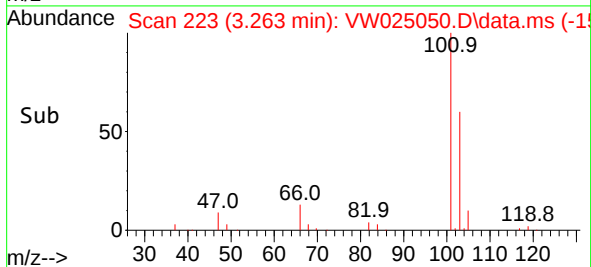
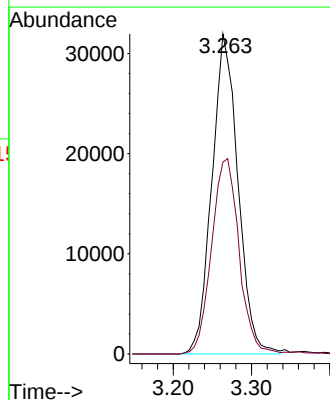
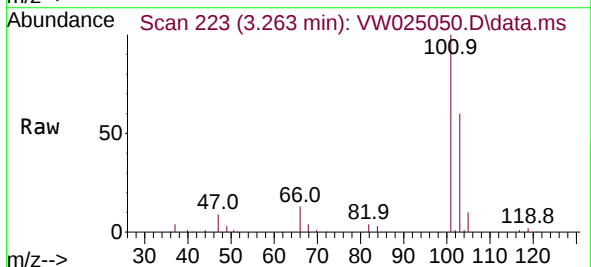
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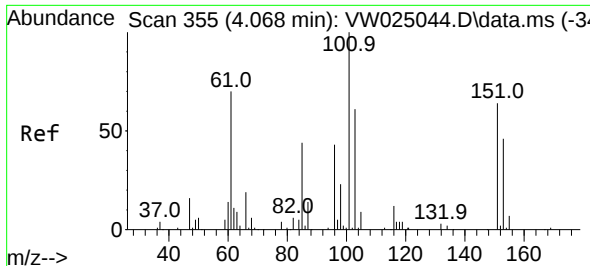
Tgt Ion: 64 Resp: 33805
Ion Ratio Lower Upper
64 100
66 32.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 27.686 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 101 Resp: 73882
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

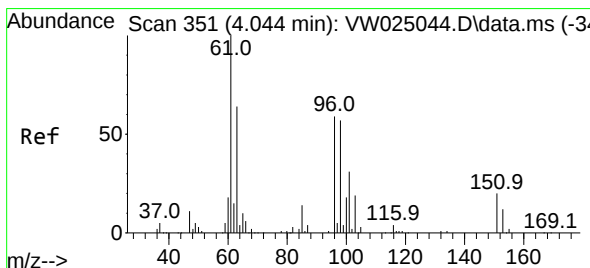
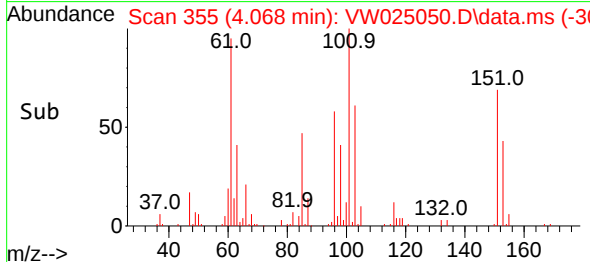
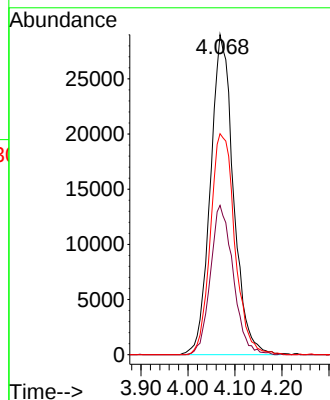
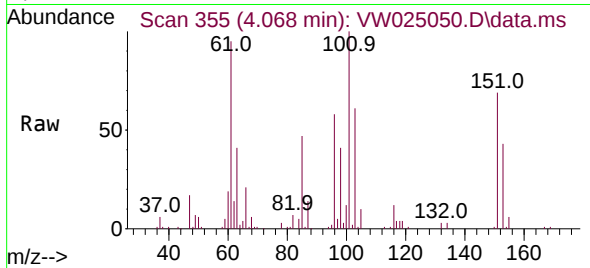




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.202 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW025050.D
 Acq: 15 Nov 2022 09:14

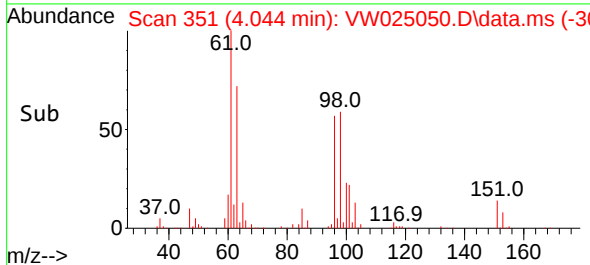
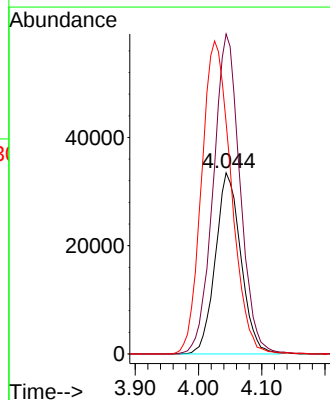
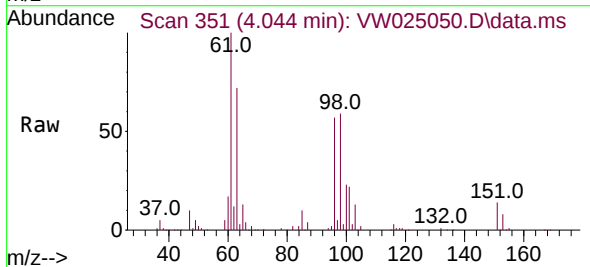
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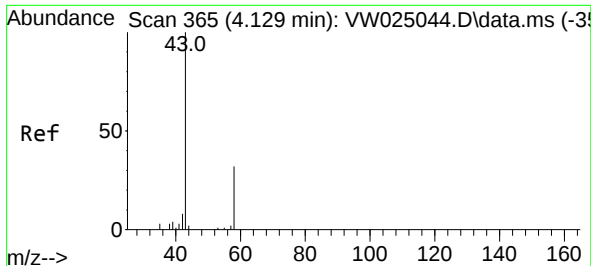
Tgt Ion:101 Resp: 99017
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.5 54.7
 151 72.8 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 26.208 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025050.D
 Acq: 15 Nov 2022 09:14

Tgt Ion: 96 Resp: 93300
 Ion Ratio Lower Upper
 96 100
 61 176.8 126.2 234.4
 63 127.7 98.3 182.7





#13

Acetone

Concen: 48.774 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

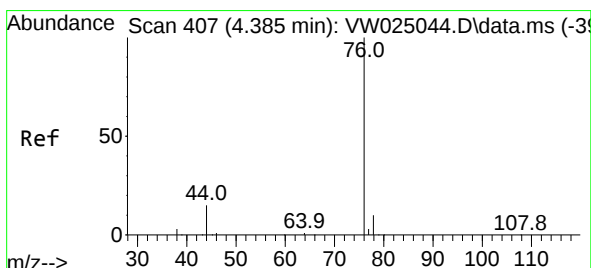
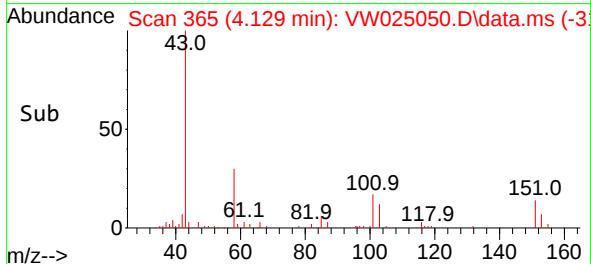
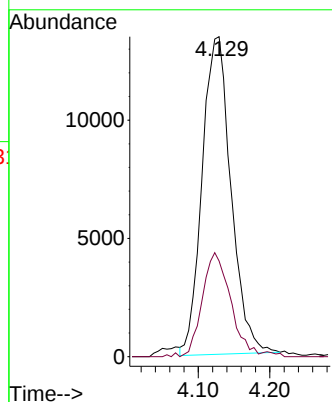
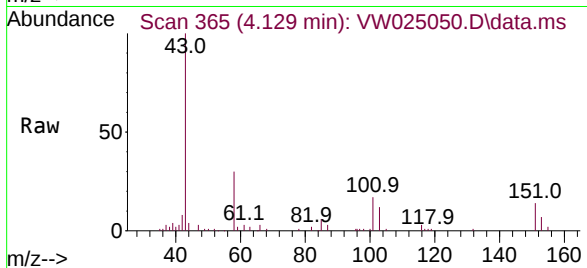
VSTD025497

Tgt Ion: 43 Resp: 37669

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.4



#14

Carbon disulfide

Concen: 23.907 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW025050.D

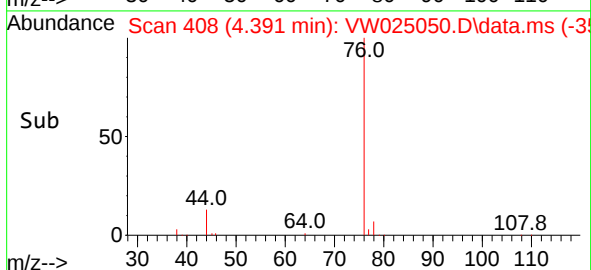
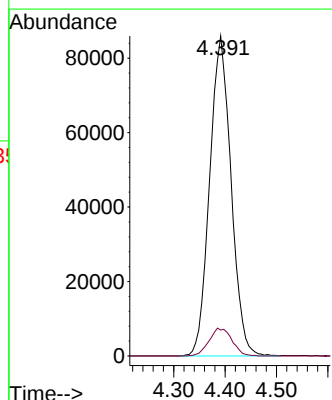
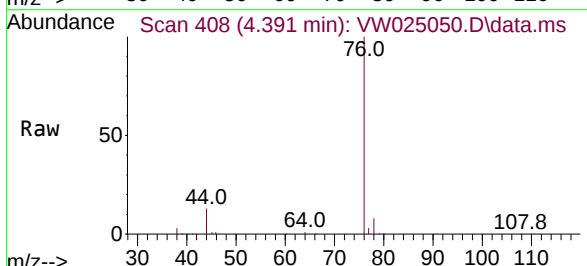
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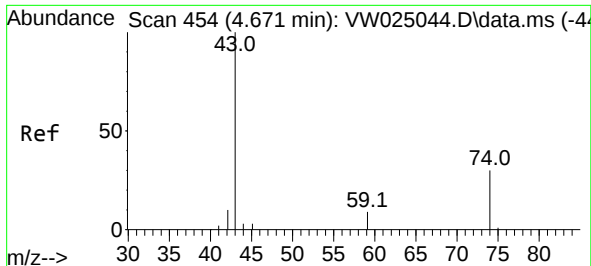
Tgt Ion: 76 Resp: 248611

Ion Ratio Lower Upper

76 100

78 8.1 6.8 10.2

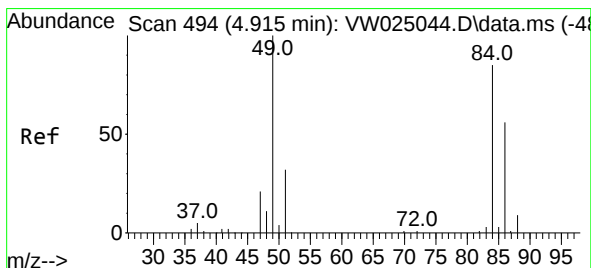
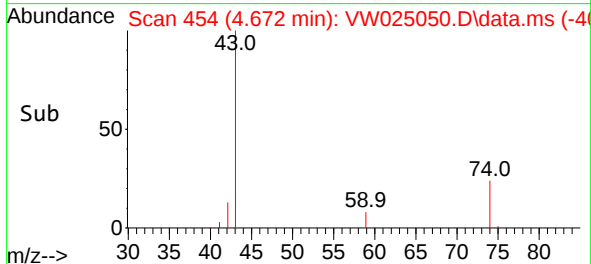
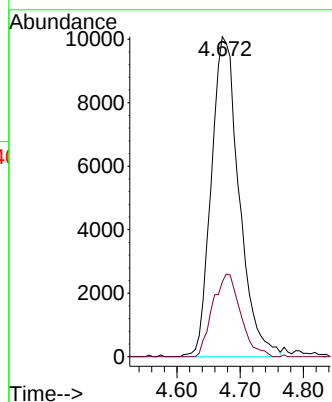
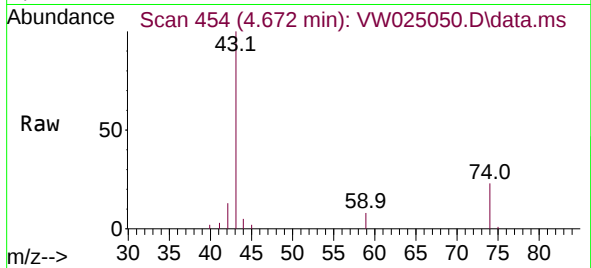




#15
Methyl Acetate
Concen: 20.022 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

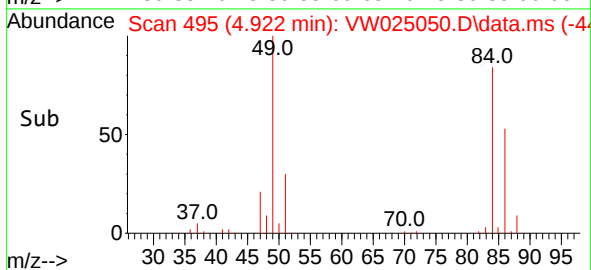
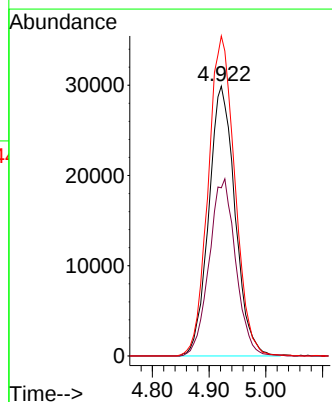
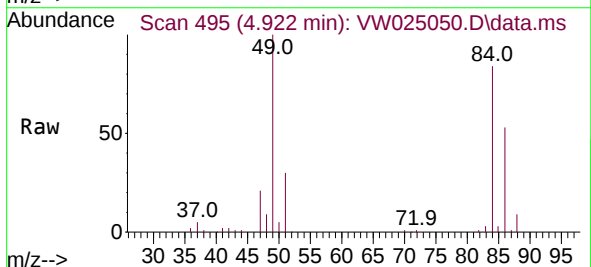
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

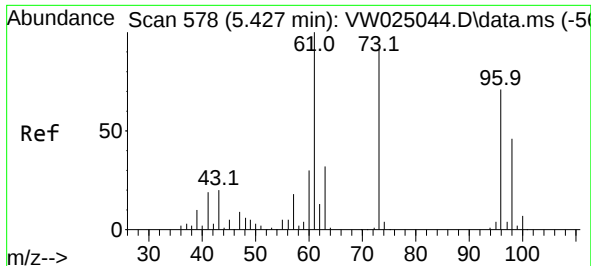
Tgt Ion: 43 Resp: 30787
Ion Ratio Lower Upper
43 100
74 25.9 20.6 30.8



#16
Methylene chloride
Concen: 18.908 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 84 Resp: 96346
Ion Ratio Lower Upper
84 100
86 62.3 42.6 79.0
49 118.6 81.9 152.1

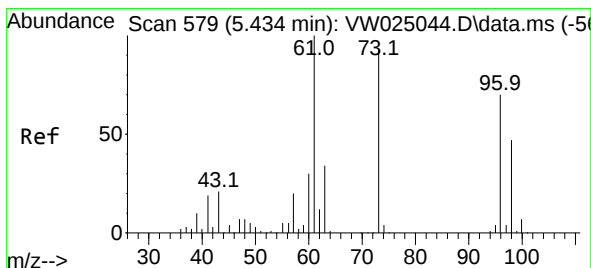
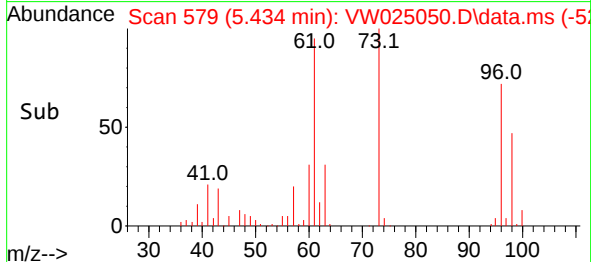
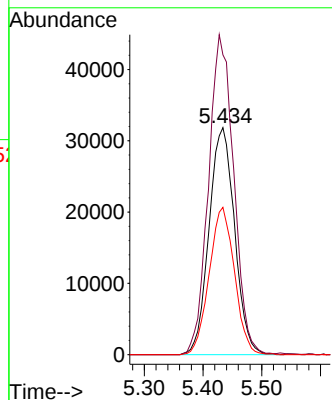
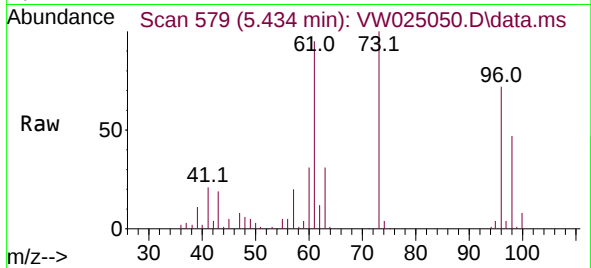




#17
trans-1,2-Dichloroethene
Concen: 25.294 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

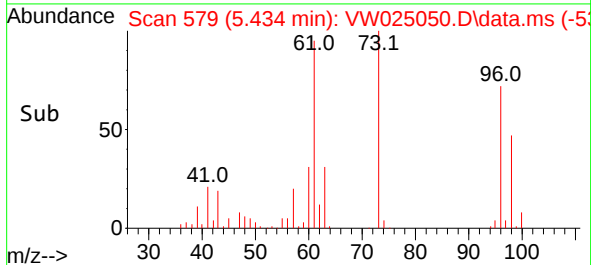
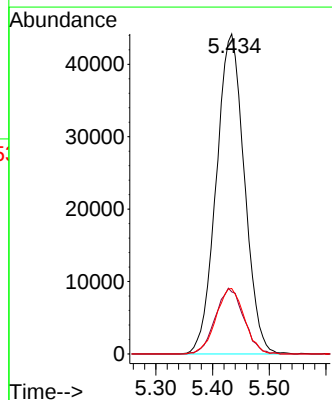
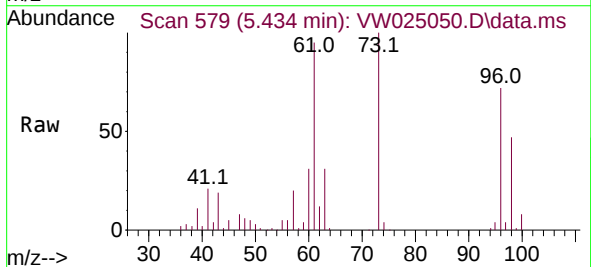
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

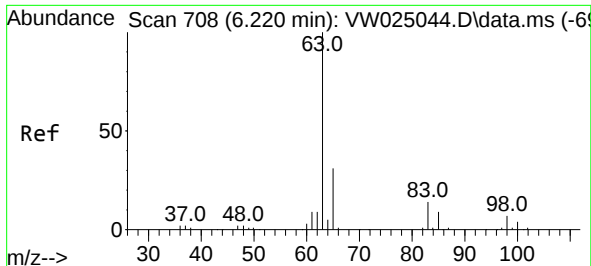
Tgt Ion: 96 Resp: 96418
Ion Ratio Lower Upper
96 100
61 132.1 97.6 181.2
98 64.9 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 23.796 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 73 Resp: 152159
Ion Ratio Lower Upper
73 100
43 20.7 16.6 24.8
57 20.6 17.1 25.7

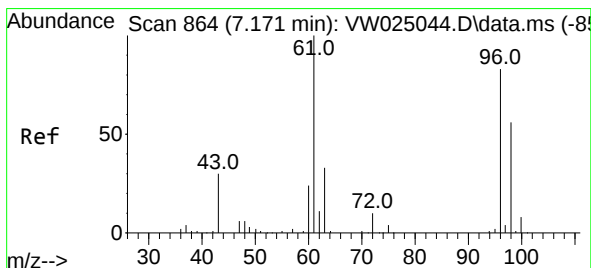
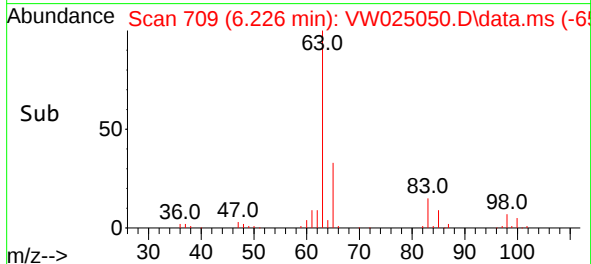
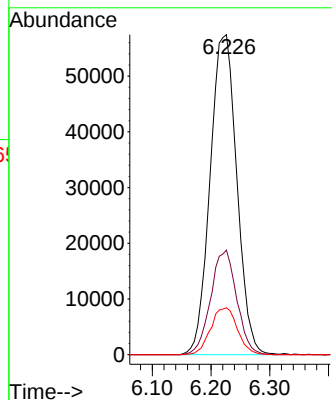
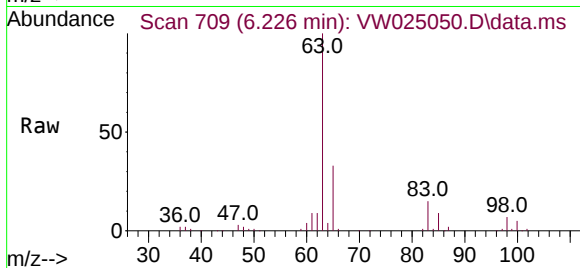




#19
1,1-Dichloroethane
Concen: 25.699 ug/L
RT: 6.226 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

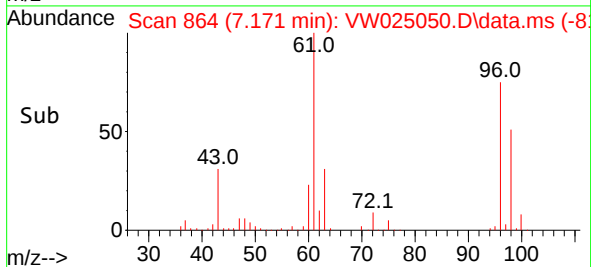
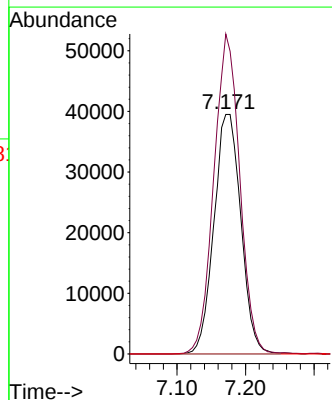
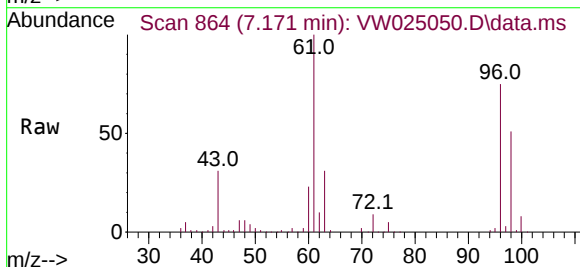
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

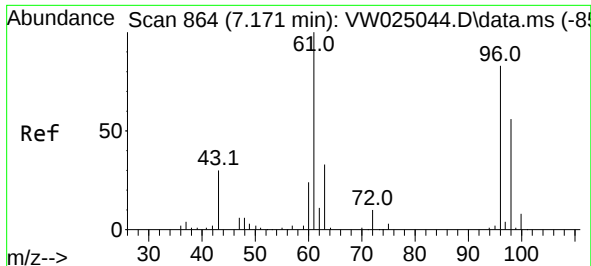
Tgt Ion: 63 Resp: 181366
Ion Ratio Lower Upper
63 100
65 32.7 22.2 41.2
83 14.7 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.914 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 96 Resp: 107666
Ion Ratio Lower Upper
96 100
61 133.6 91.8 170.6
68 0.0 0.0 0.0

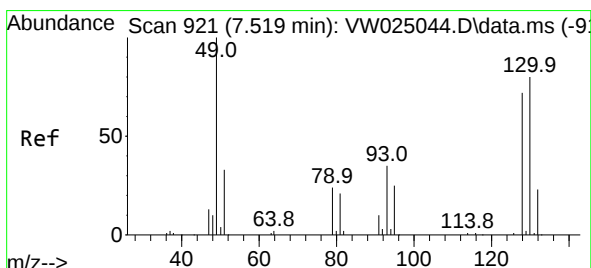
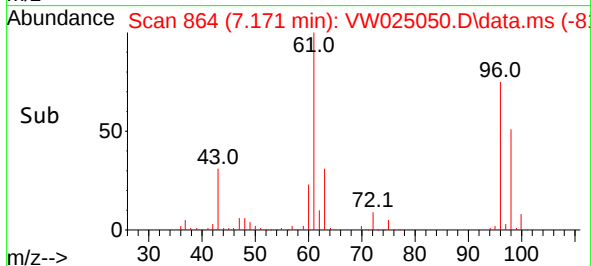
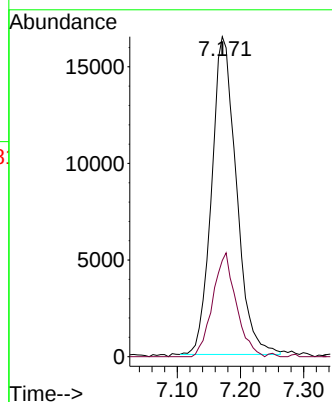
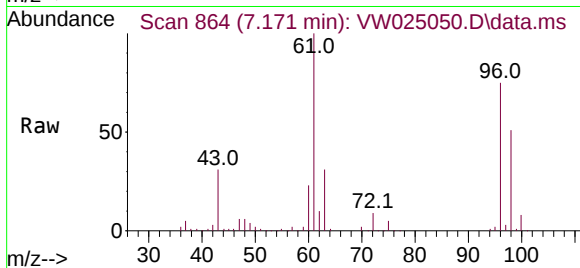




#22
2-Butanone
Concen: 38.704 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

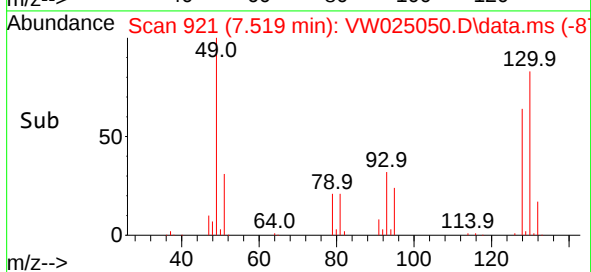
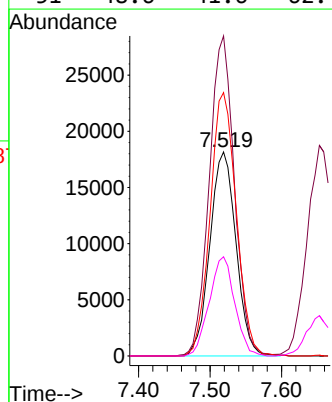
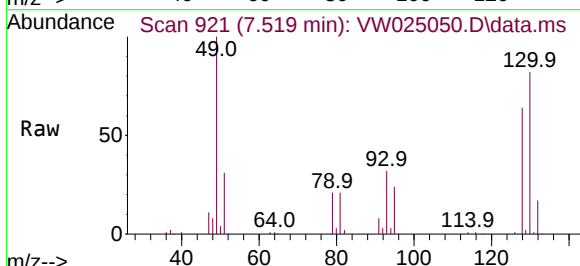
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

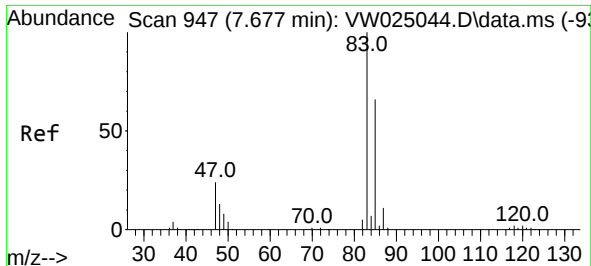
Tgt Ion: 43 Resp: 44785
Ion Ratio Lower Upper
43 100
72 30.8 14.6 44.0



#23
Bromochloromethane
Concen: 25.571 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 128 Resp: 46058
Ion Ratio Lower Upper
128 100
49 156.8 112.8 209.4
130 129.0 86.2 160.2
51 48.6 41.6 62.4

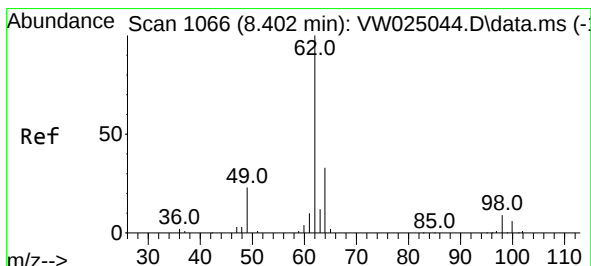
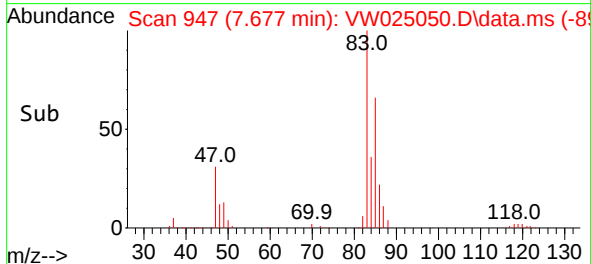
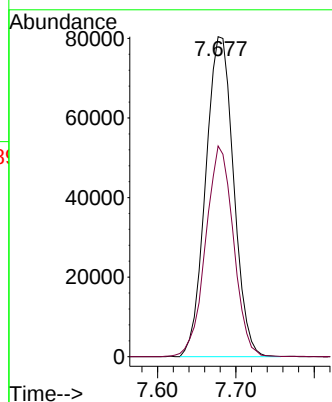
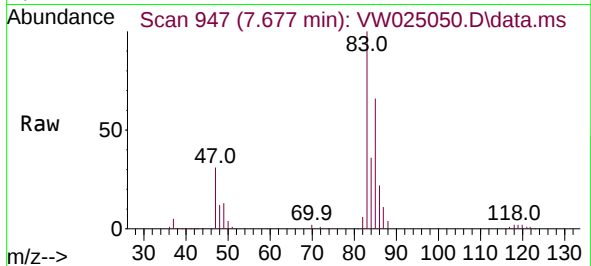




#25
Chloroform
Concen: 26.796 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

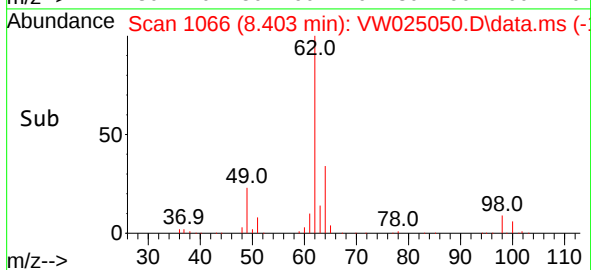
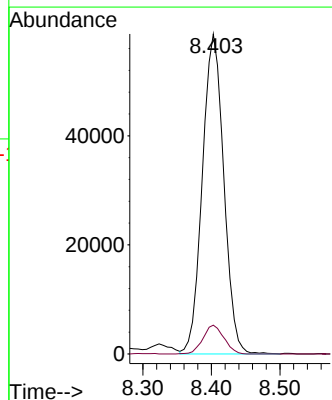
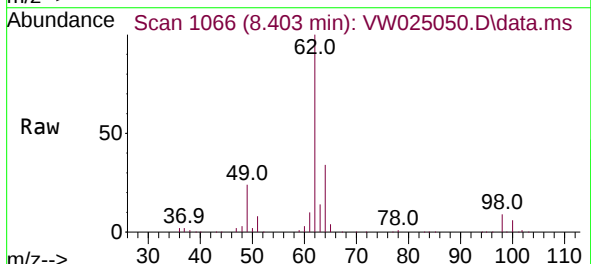
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

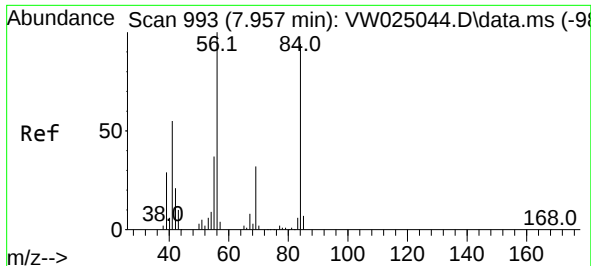
Tgt Ion: 83 Resp: 199586
Ion Ratio Lower Upper
83 100
85 65.8 47.5 88.3



#27
1,2-Dichloroethane
Concen: 25.306 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 62 Resp: 127850
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.4

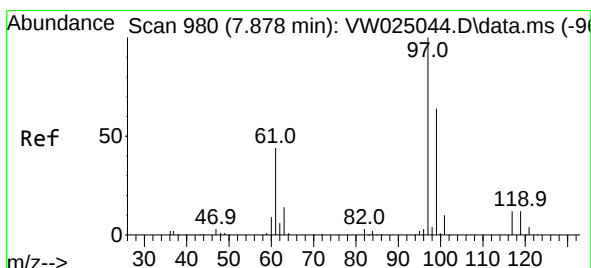
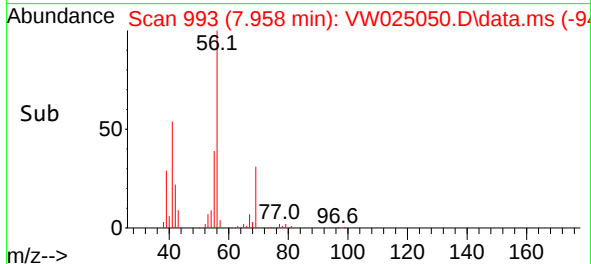
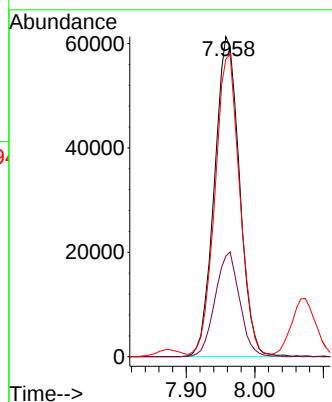
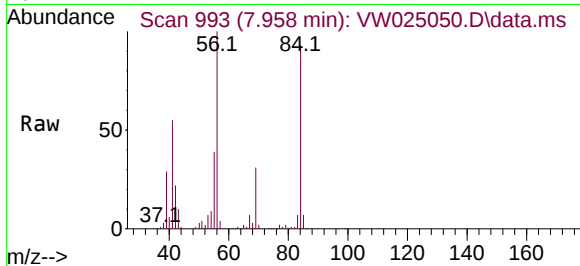




#29
Cyclohexane
Concen: 25.253 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

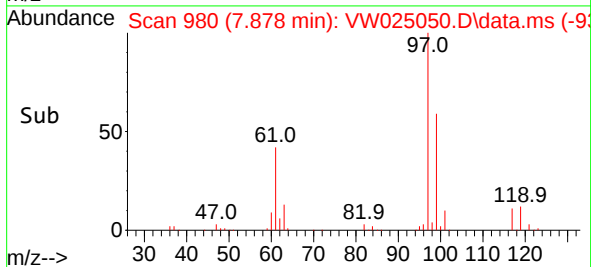
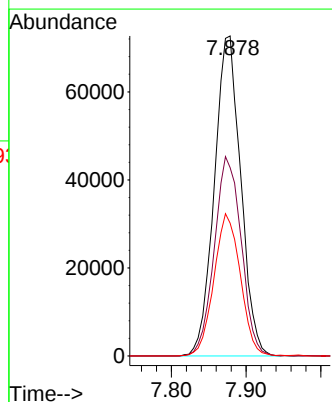
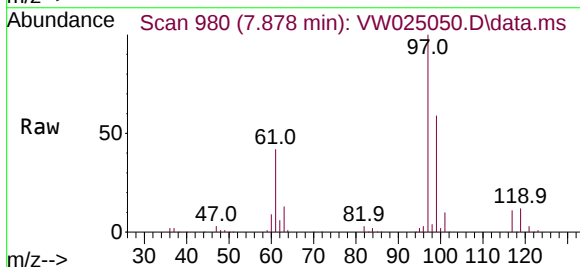
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

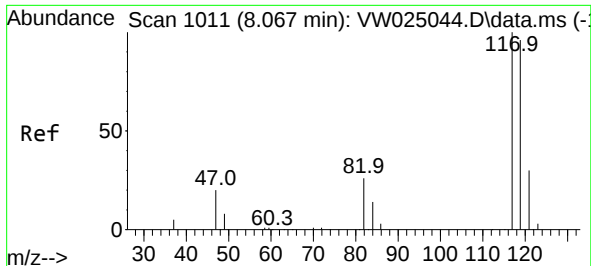
Tgt Ion: 56 Resp: 155311
Ion Ratio Lower Upper
56 100
69 32.1 25.0 37.4
84 94.1 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 28.049 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 97 Resp: 178782
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 44.4 36.6 54.8

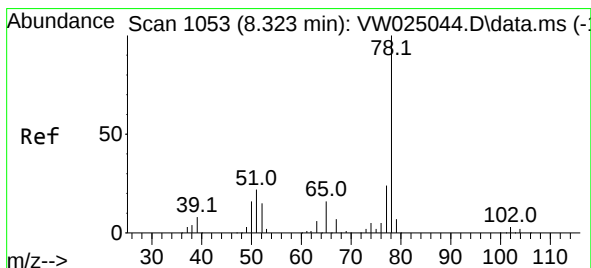
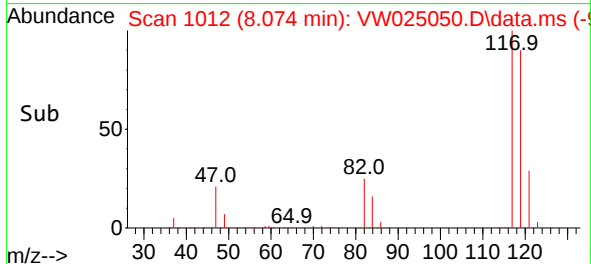
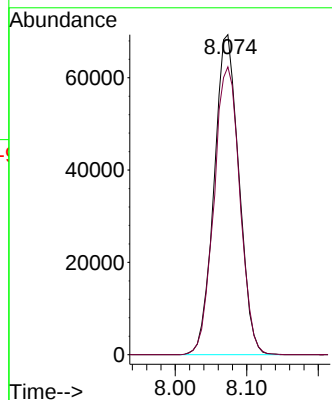
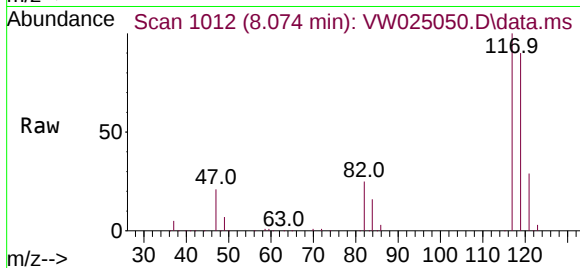




#31
Carbon tetrachloride
Concen: 29.344 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

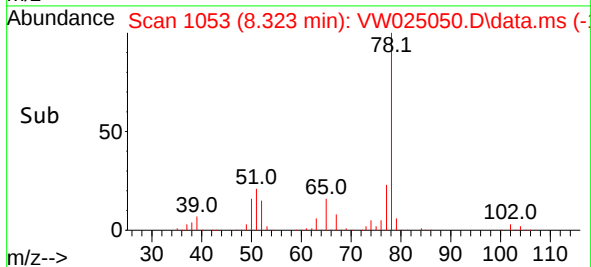
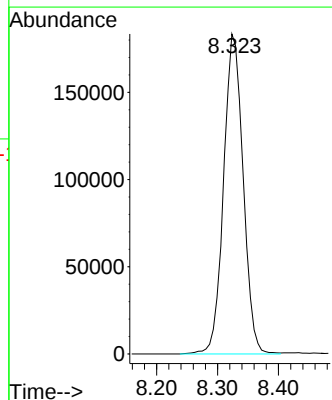
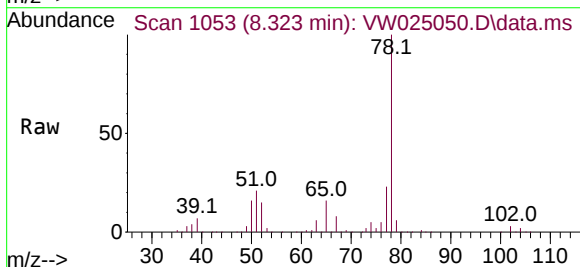
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

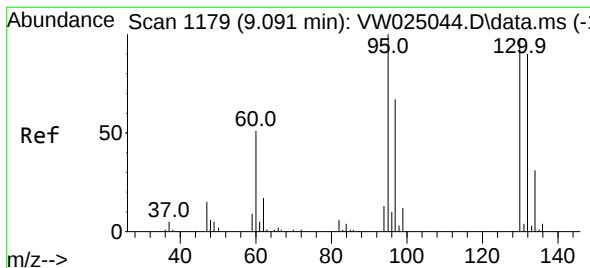
Tgt Ion:117 Resp: 167128
Ion Ratio Lower Upper
117 100
119 93.7 77.7 116.5



#33
Benzene
Concen: 26.090 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 78 Resp: 409210





#34

Trichloroethene

Concen: 26.553 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

Tgt Ion: 95 Resp: 110252

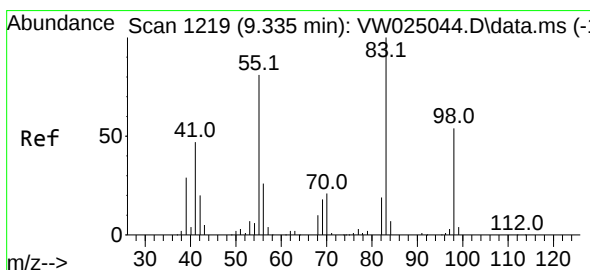
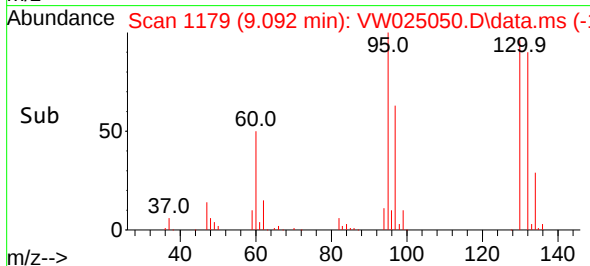
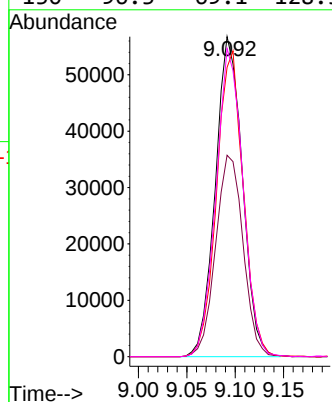
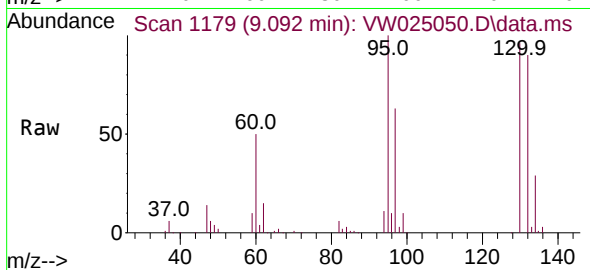
Ion Ratio Lower Upper

95 100

97 63.0 44.7 83.1

132 90.4 62.6 116.2

130 96.3 69.1 128.3



#35

Methylcyclohexane

Concen: 26.530 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

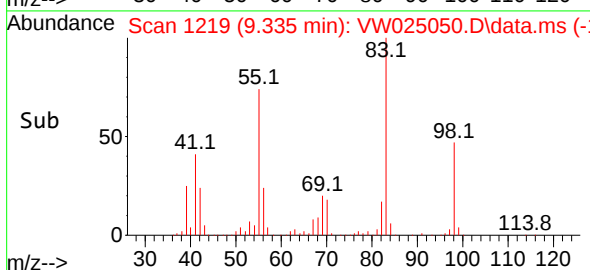
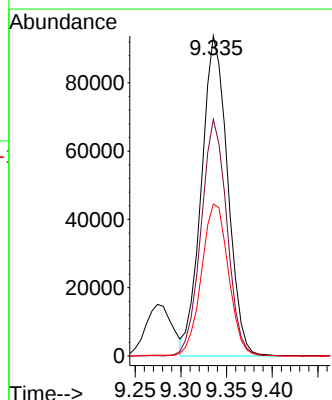
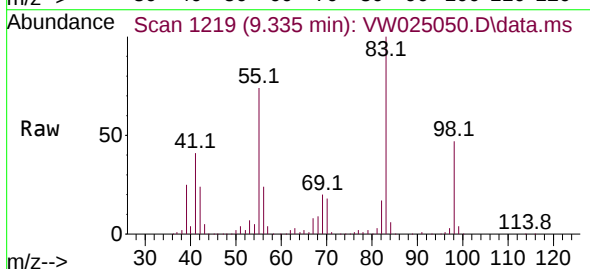
Tgt Ion: 83 Resp: 187175

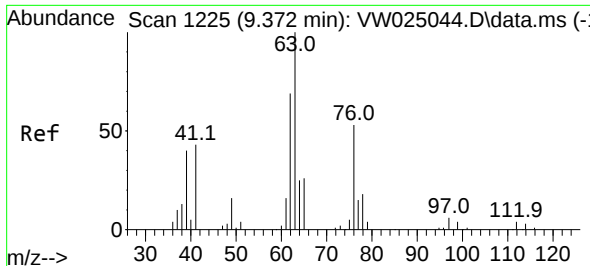
Ion Ratio Lower Upper

83 100

55 72.6 60.4 90.6

98 48.5 39.5 59.3

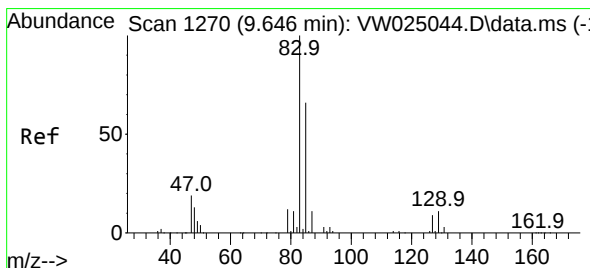
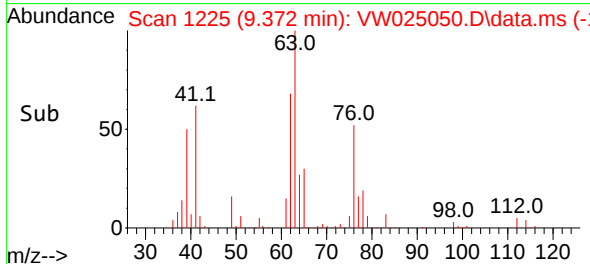
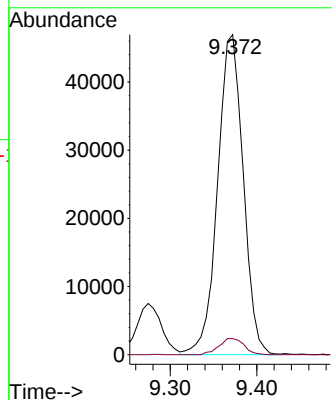
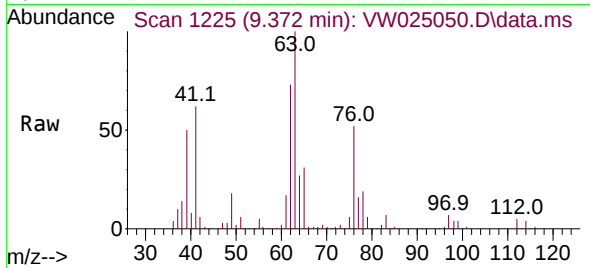




#37
1,2-Dichloropropane
Concen: 25.349 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

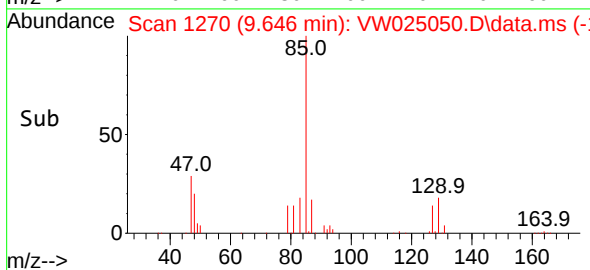
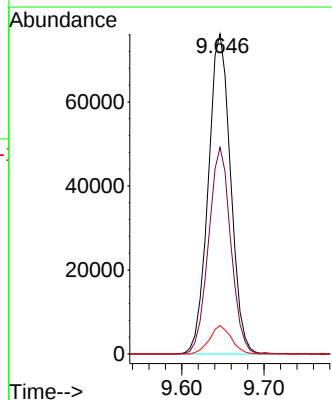
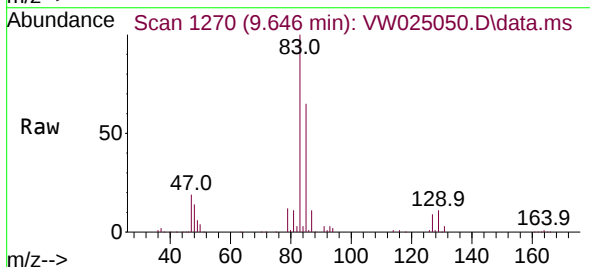
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

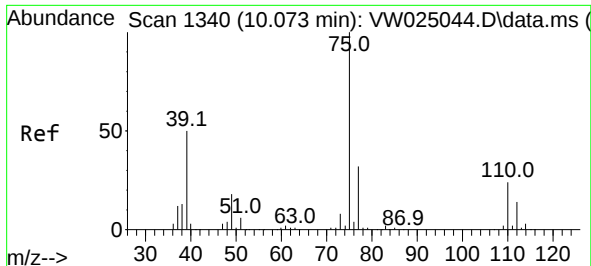
Tgt Ion: 63 Resp: 96499
Ion Ratio Lower Upper
63 100
112 4.9 3.6 5.4



#38
Bromodichloromethane
Concen: 27.065 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 83 Resp: 143797
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0
127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.393 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

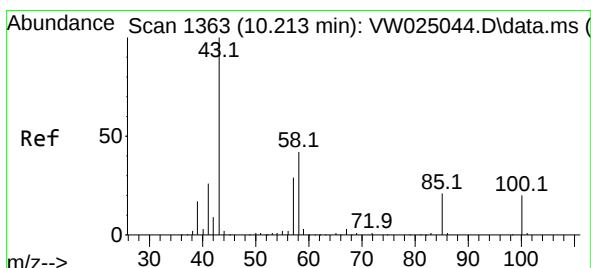
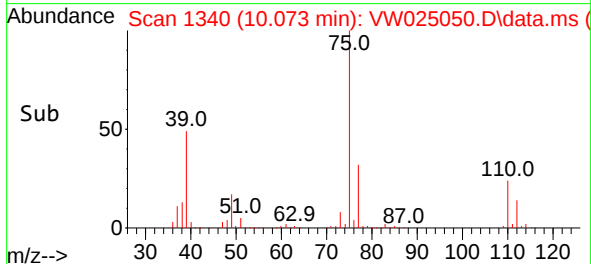
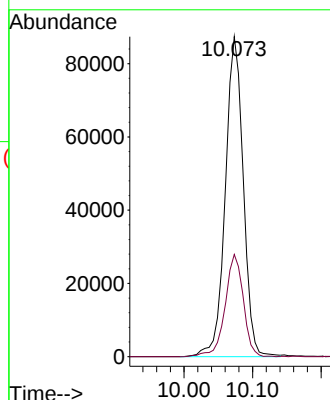
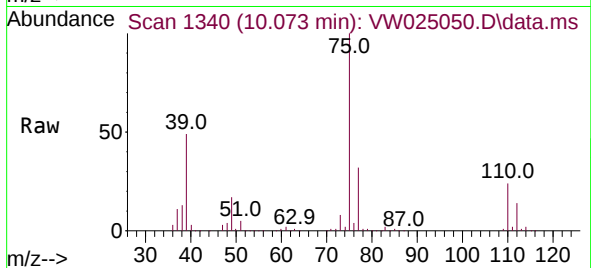
VSTD025497

Tgt Ion: 75 Resp: 158838

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 42.120 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

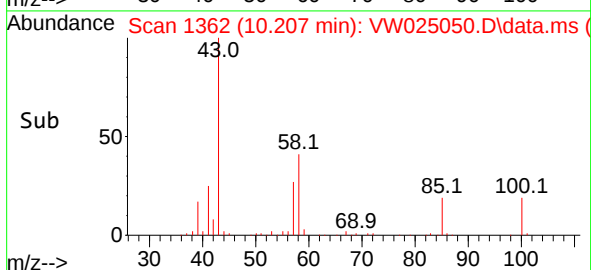
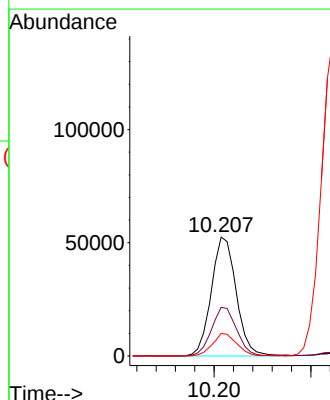
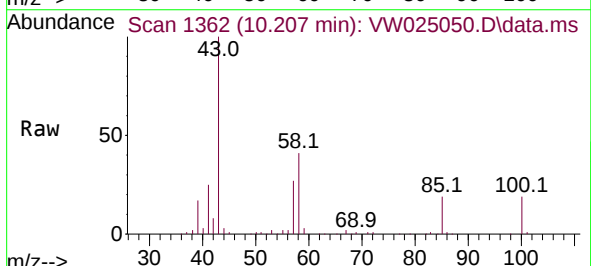
Tgt Ion: 43 Resp: 94095

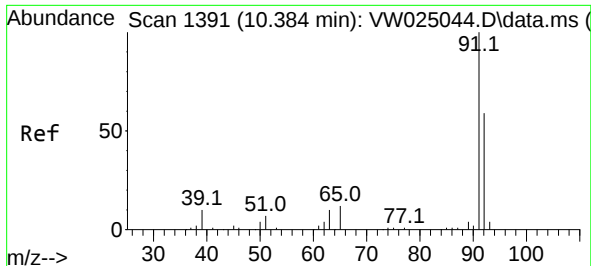
Ion Ratio Lower Upper

43 100

58 41.1 32.6 48.8

100 18.4 14.0 21.0





#42

Toluene

Concen: 26.795 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

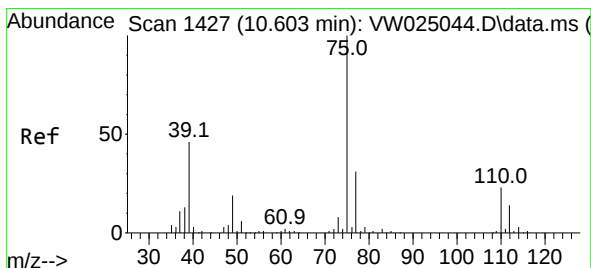
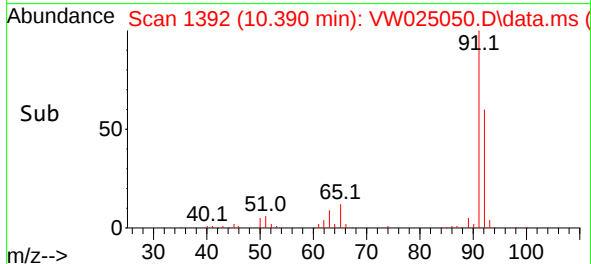
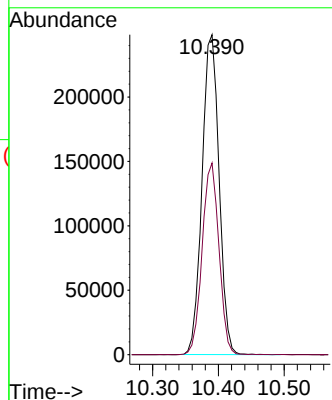
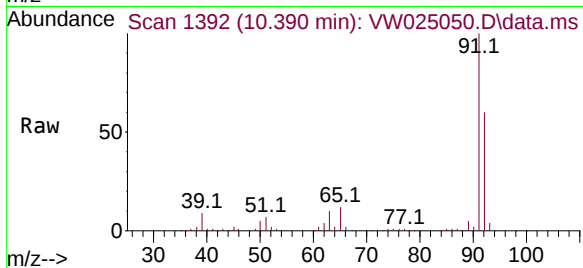
VSTD025497

Tgt Ion: 91 Resp: 446183

Ion Ratio Lower Upper

91 100

92 59.9 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.703 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025050.D

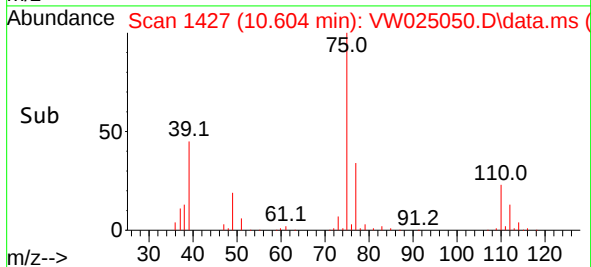
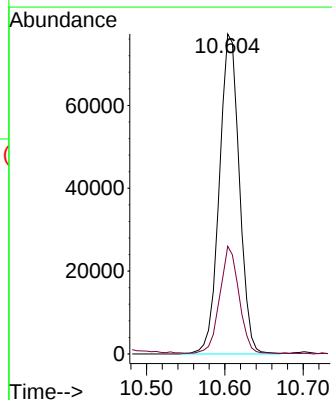
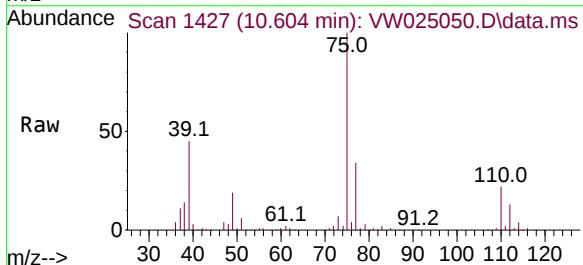
Acq: 15 Nov 2022 09:14

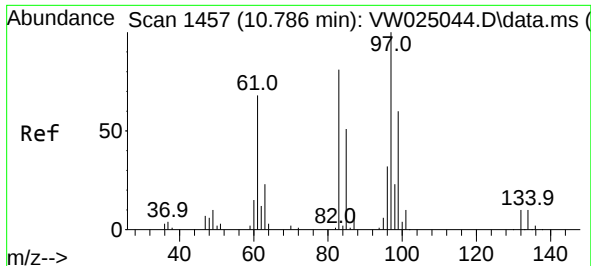
Tgt Ion: 75 Resp: 137518

Ion Ratio Lower Upper

75 100

77 33.7 22.3 41.5

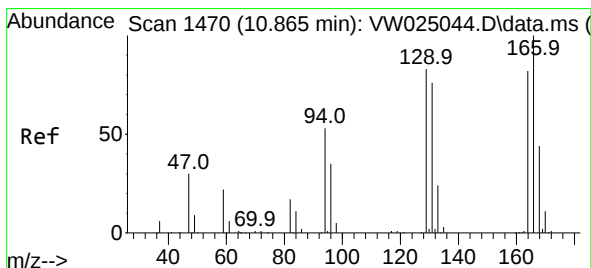
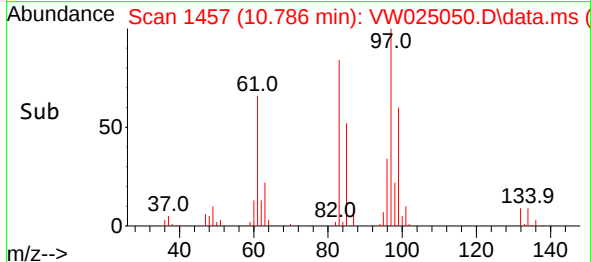
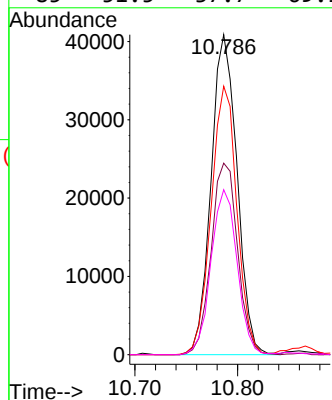
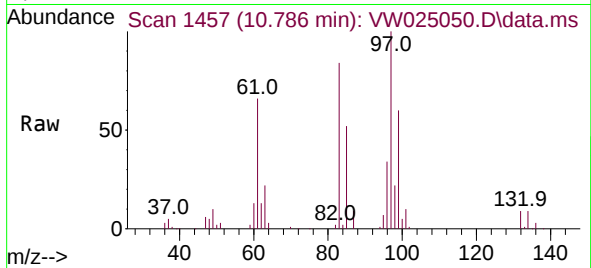




#45
1,1,2-Trichloroethane
Concen: 24.979 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

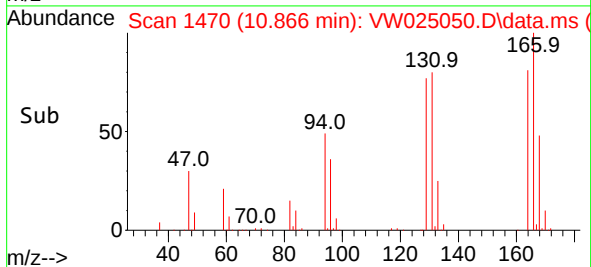
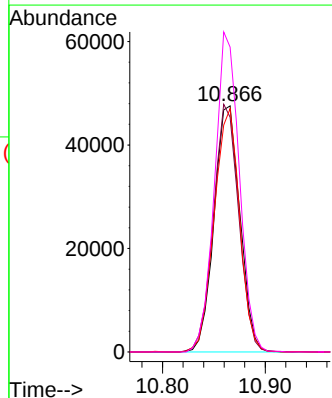
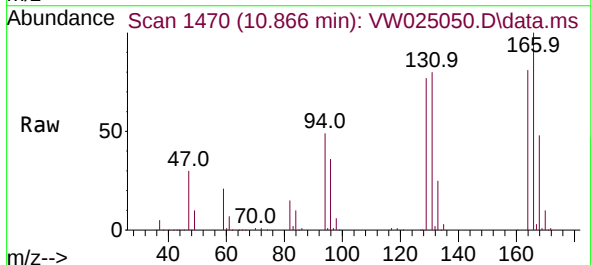
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

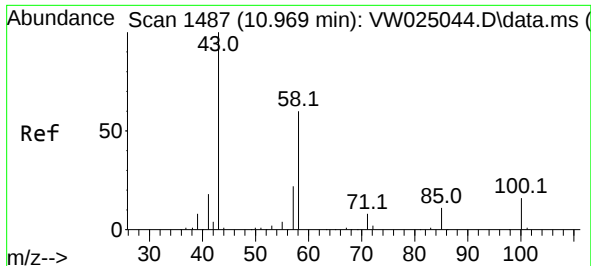
Tgt Ion:	97	Resp:	71798
Ion	Ratio	Lower	Upper
97	100		
99	59.9	44.0	81.6
83	83.9	59.9	111.3
85	51.5	37.7	69.9



#46
Tetrachloroethene
Concen: 27.853 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:	164	Resp:	82706
Ion	Ratio	Lower	Upper
164	100		
129	95.4	72.9	135.5
131	98.9	70.1	130.3
166	123.9	80.2	148.9

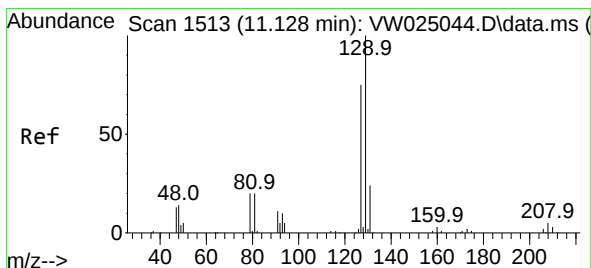
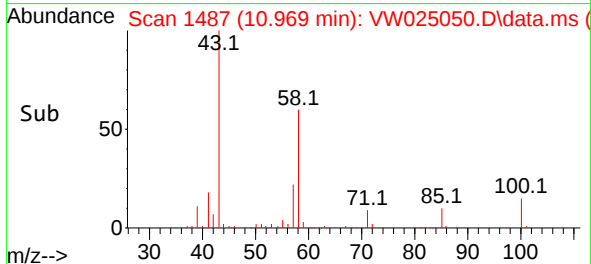
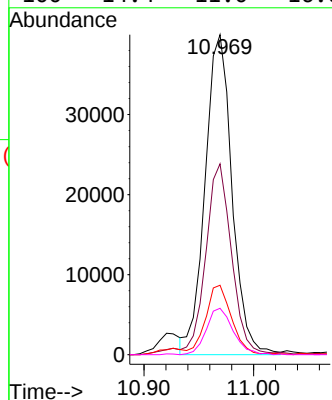
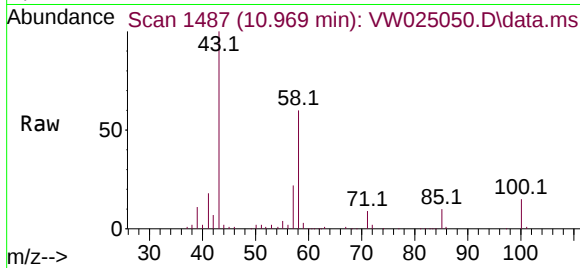




#48
2-Hexanone
Concen: 44.338 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

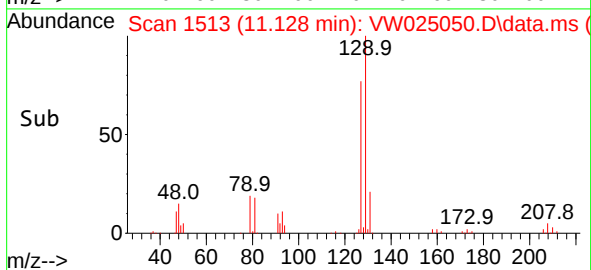
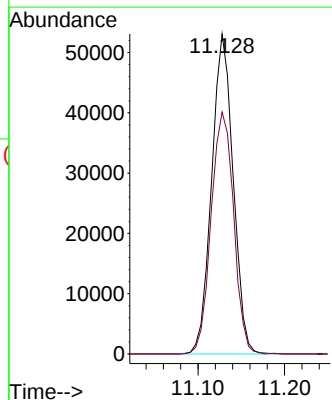
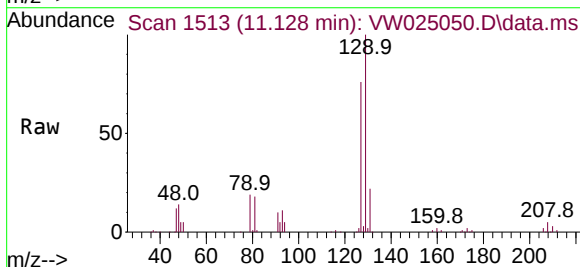
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

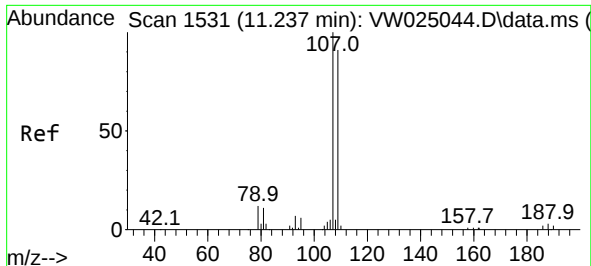
Tgt Ion: 43	Resp: 68500
Ion Ratio	Lower Upper
43 100	
58 55.6	46.1 69.1
57 20.7	16.2 24.2
100 14.4	11.0 16.6



#49
Dibromochloromethane
Concen: 26.131 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:129	Resp: 91556		
Ion Ratio	Lower	Upper	
129 100			
127 75.6	53.2	98.8	





#50

1,2-Dibromoethane

Concen: 24.544 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

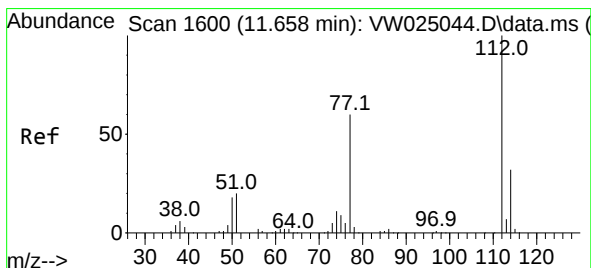
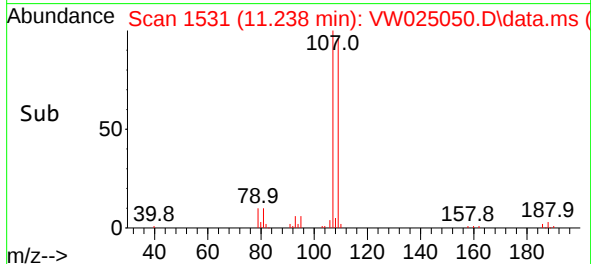
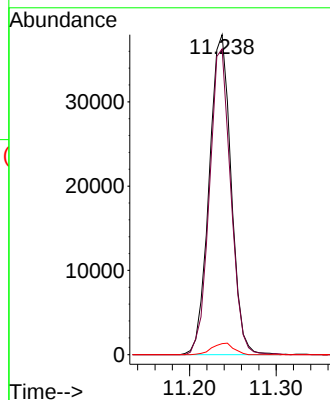
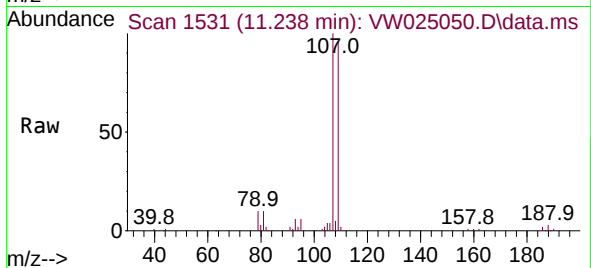
Tgt Ion:107 Resp: 66721

Ion Ratio Lower Upper

107 100

109 95.5 64.5 119.7

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 26.701 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

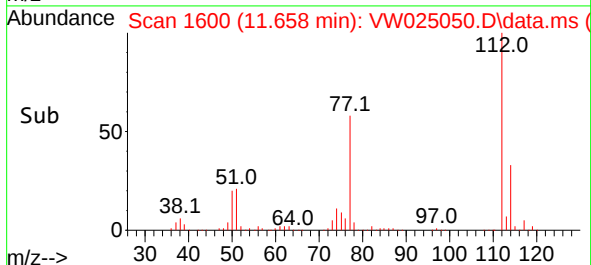
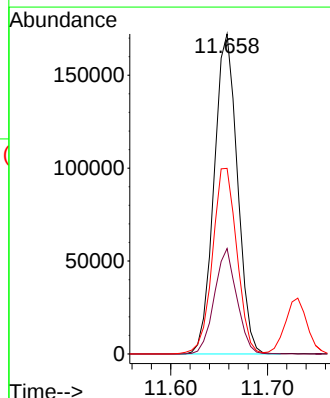
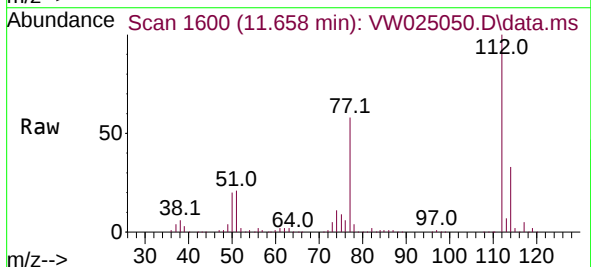
Tgt Ion:112 Resp: 288197

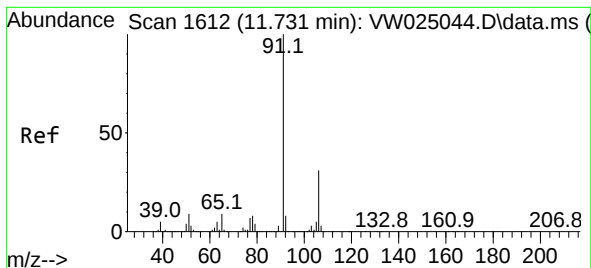
Ion Ratio Lower Upper

112 100

114 33.0 20.8 38.6

77 58.0 48.2 72.2

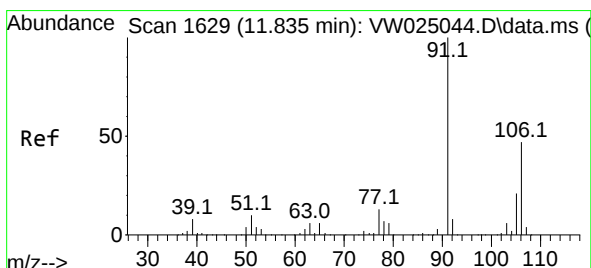
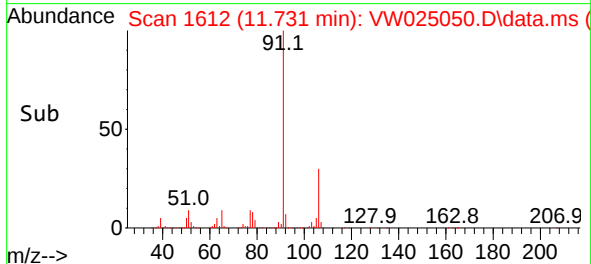
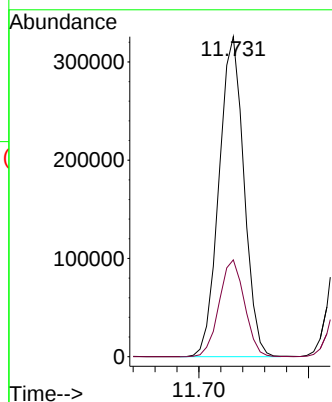
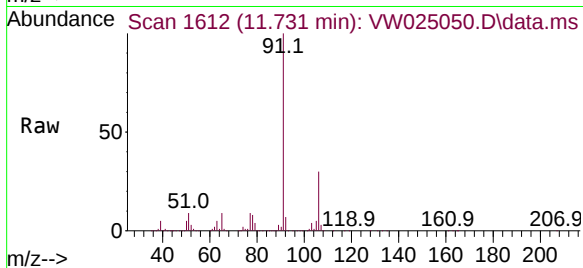




#52
Ethylbenzene
Concen: 26.795 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

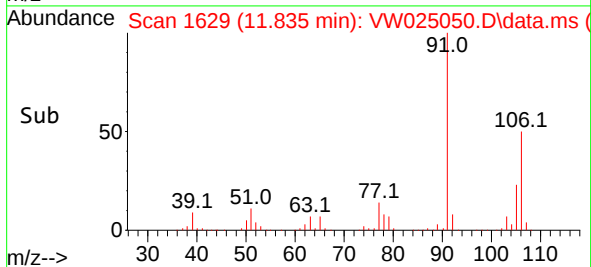
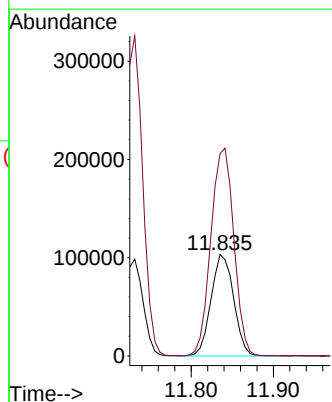
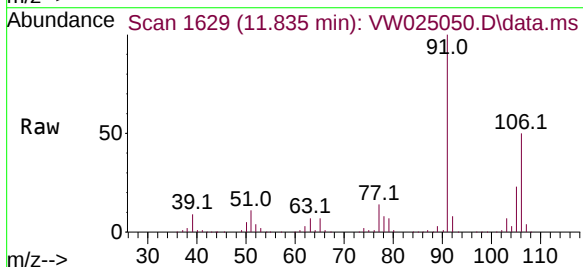
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

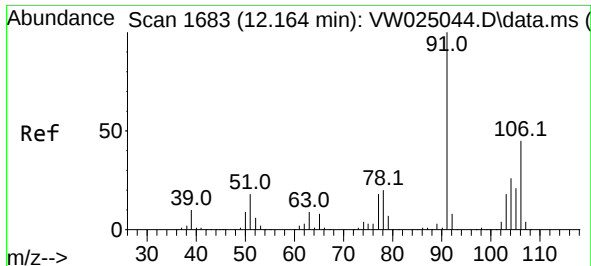
Tgt Ion: 91 Resp: 515037
Ion Ratio Lower Upper
91 100
106 30.2 22.3 41.5



#53
m,p-Xylene
Concen: 26.473 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:106 Resp: 196967
Ion Ratio Lower Upper
106 100
91 199.5 143.9 267.2

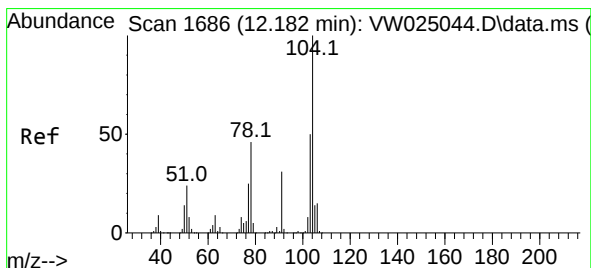
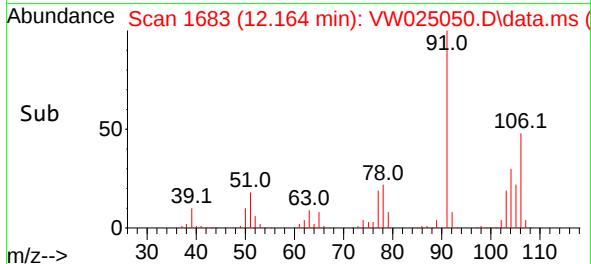
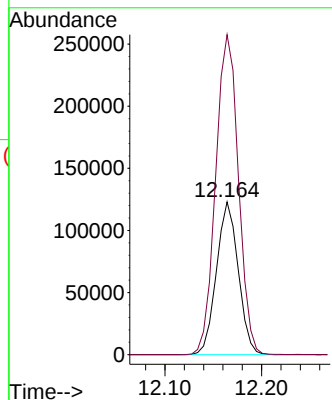
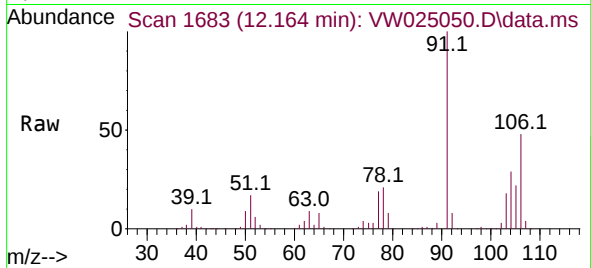




#54
o-Xylene
Concen: 27.386 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

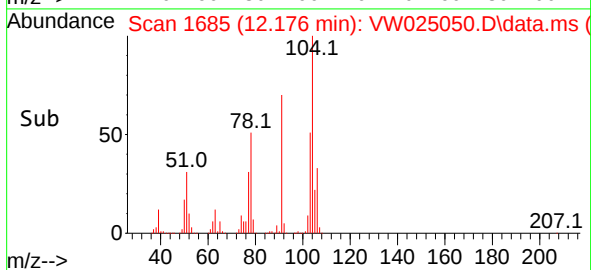
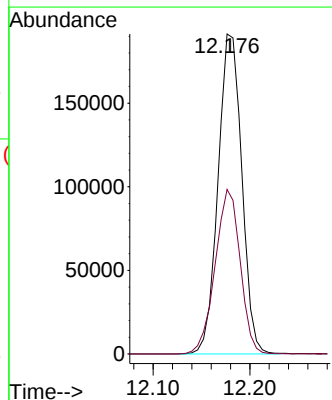
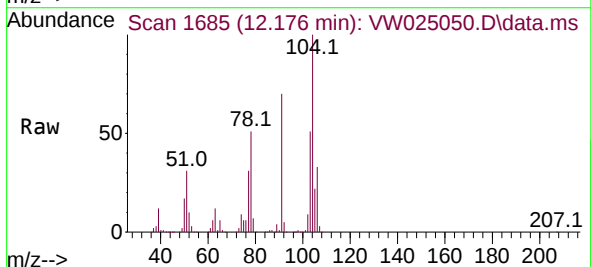
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

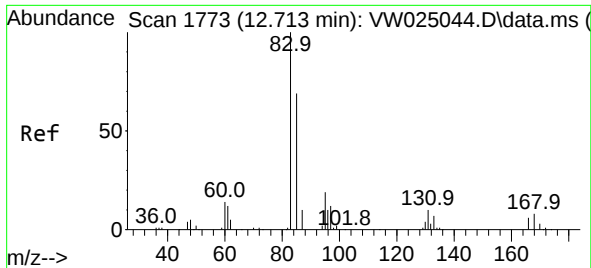
Tgt Ion:106 Resp: 192230
Ion Ratio Lower Upper
106 100
91 209.3 153.5 285.1



#55
Styrene
Concen: 26.757 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:104 Resp: 326210
Ion Ratio Lower Upper
104 100
78 51.4 31.3 58.1

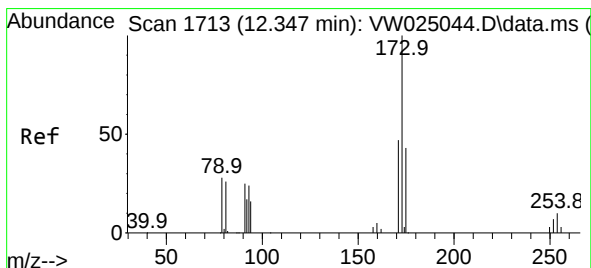
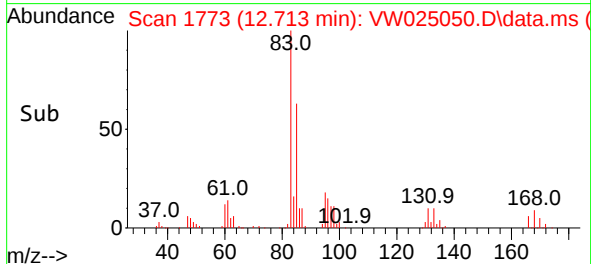
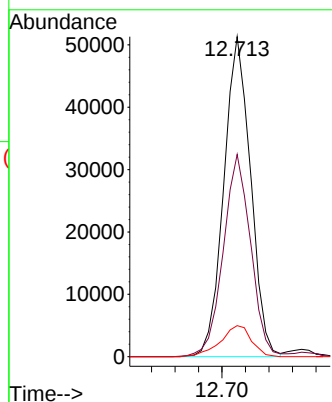
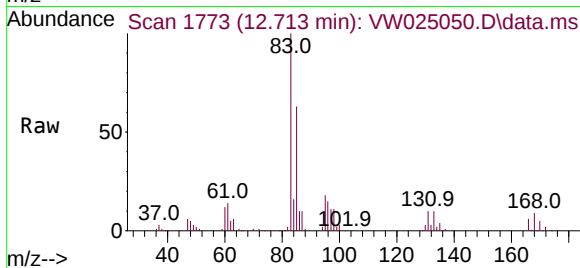




#57
1,1,2,2-Tetrachloroethane
Concen: 23.578 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

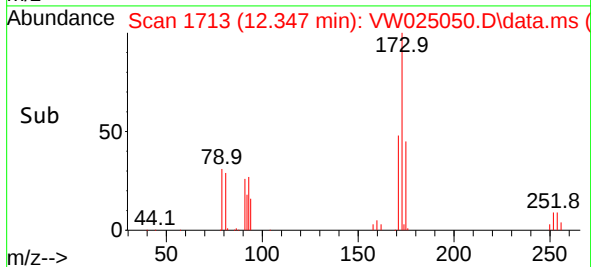
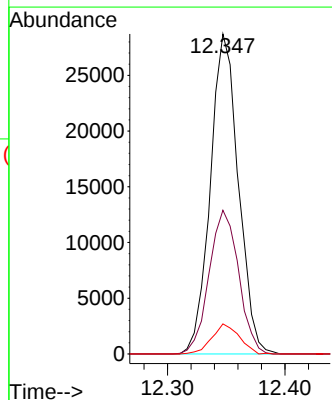
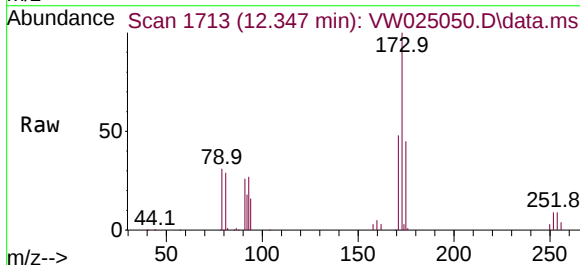
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

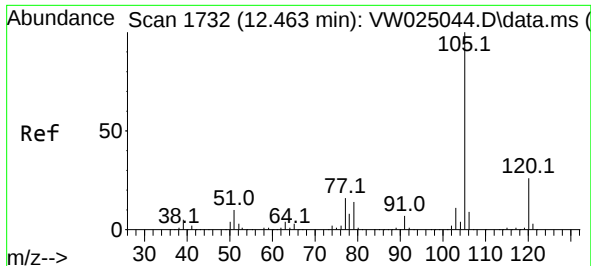
Tgt Ion: 83 Resp: 81299
Ion Ratio Lower Upper
83 100
85 63.2 46.4 86.2
131 9.7 8.2 12.4



#59
Bromoform
Concen: 24.656 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:173 Resp: 47677
Ion Ratio Lower Upper
173 100
175 47.3 37.4 56.2
254 9.1 5.8 8.8#

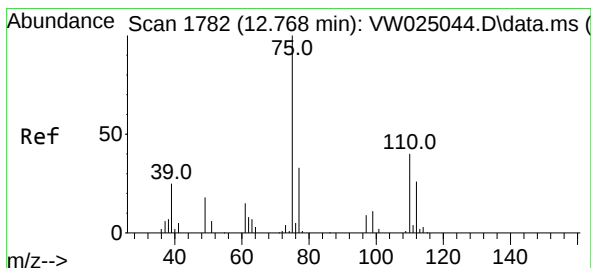
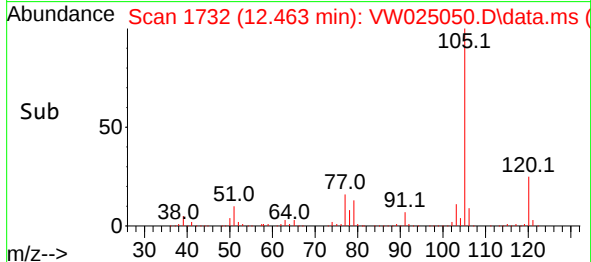
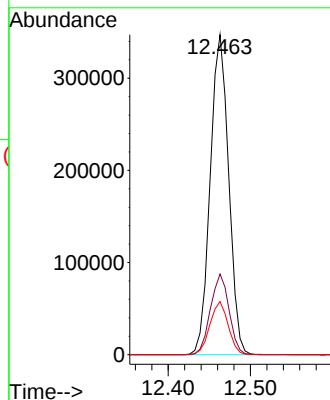
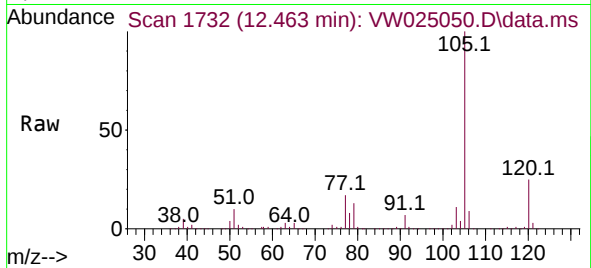




#60
Isopropylbenzene
Concen: 26.313 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

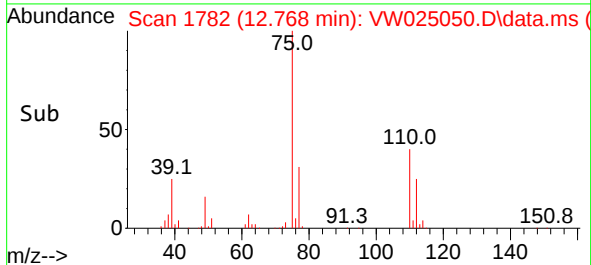
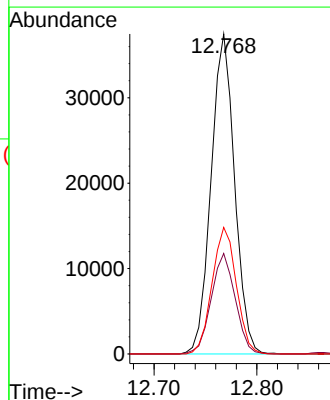
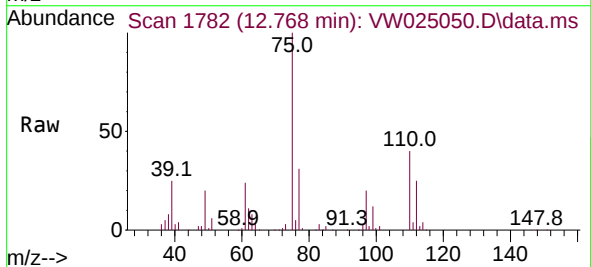
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

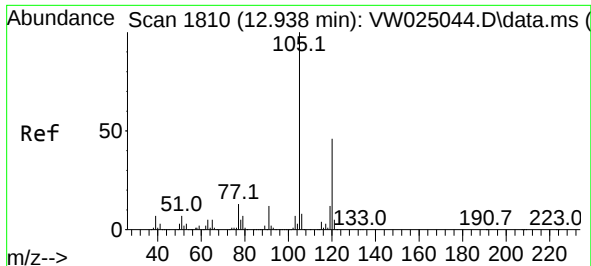
Tgt Ion:105 Resp: 540852
Ion Ratio Lower Upper
105 100
120 25.3 20.8 31.2
77 16.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 21.689 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion: 75 Resp: 59574
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 40.7 31.7 47.5

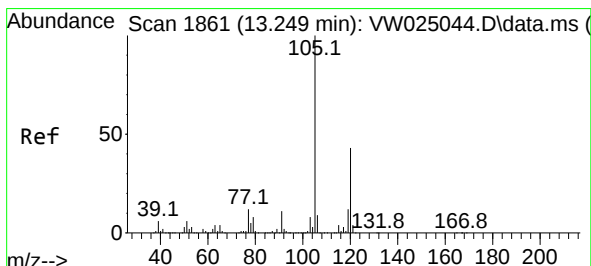
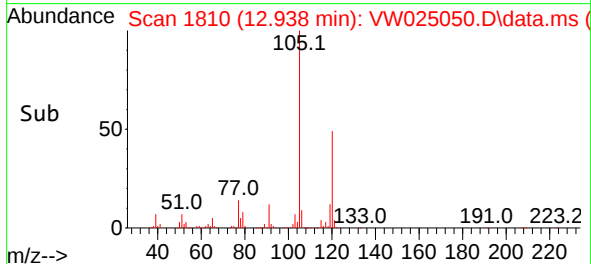
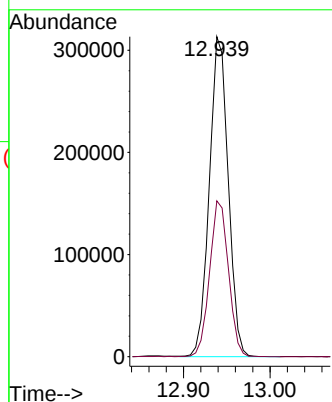
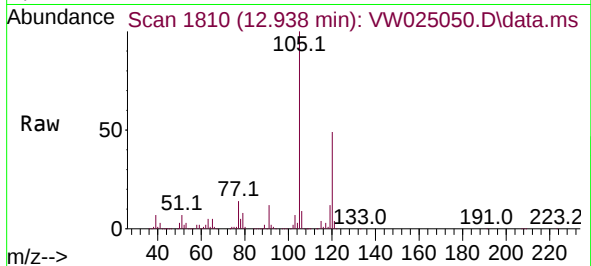




#62
1,3,5-Trimethylbenzene
Concen: 26.578 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

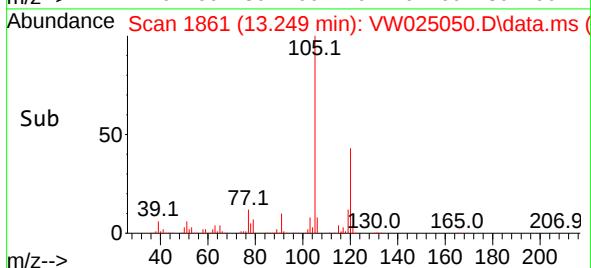
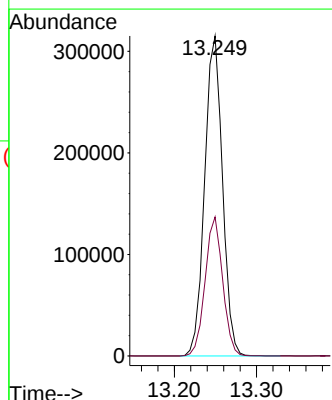
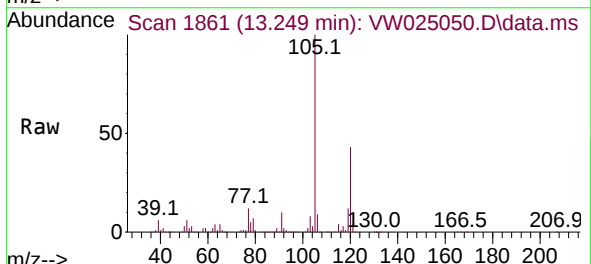
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

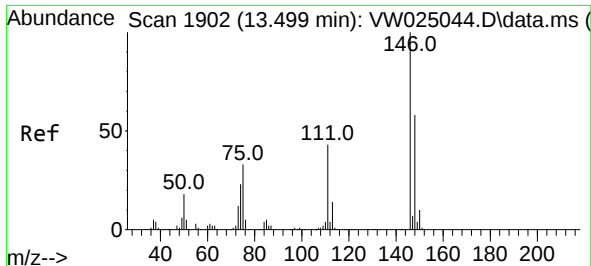
Tgt Ion:105 Resp: 474219
Ion Ratio Lower Upper
105 100
120 48.5 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 27.088 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:105 Resp: 473952
Ion Ratio Lower Upper
105 100
120 42.9 35.7 53.5

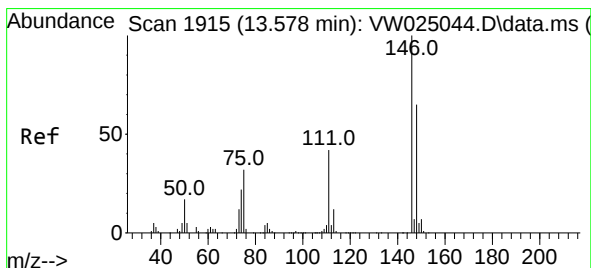
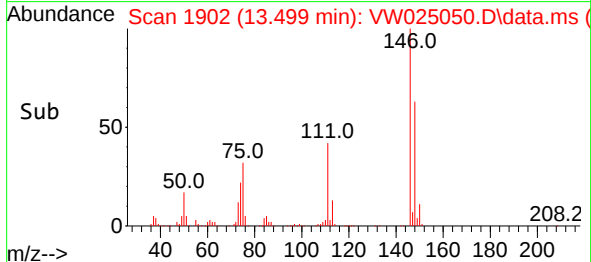
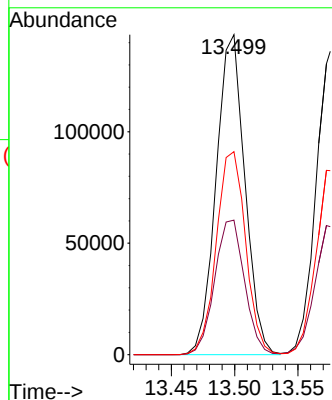
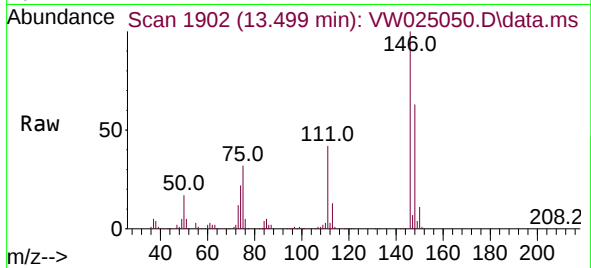




#64
1,3-Dichlorobenzene
Concen: 26.489 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

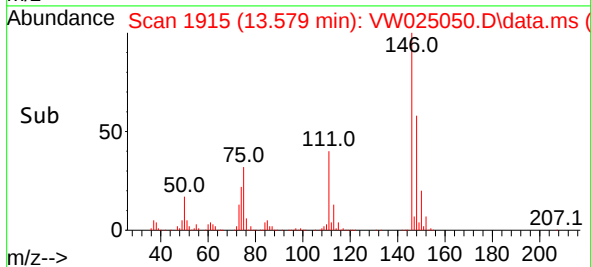
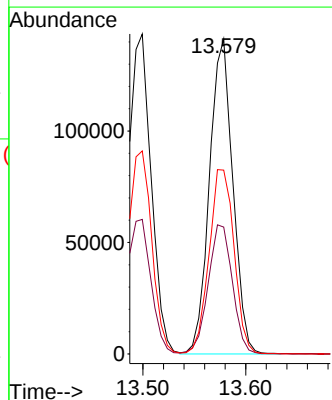
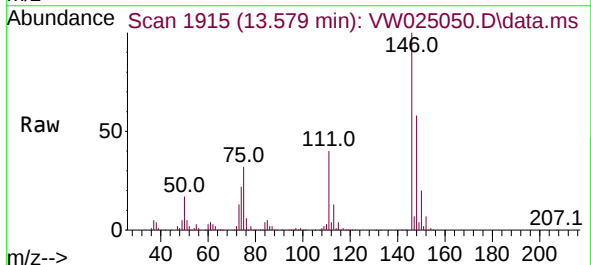
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

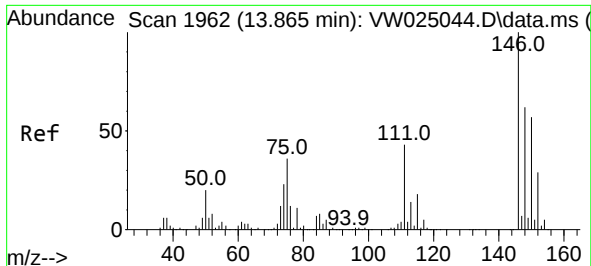
Tgt Ion:146 Resp: 227084
Ion Ratio Lower Upper
146 100
111 42.0 31.1 57.7
148 63.4 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 26.059 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:146 Resp: 222906
Ion Ratio Lower Upper
146 100
111 40.3 28.8 53.6
148 58.3 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.035 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

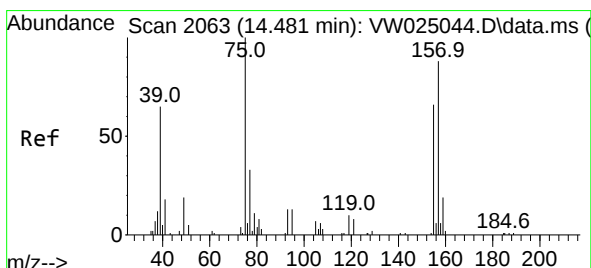
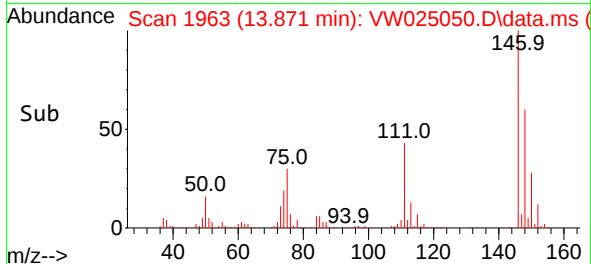
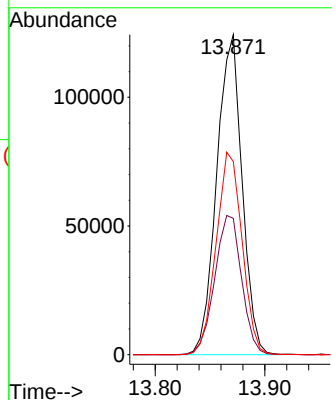
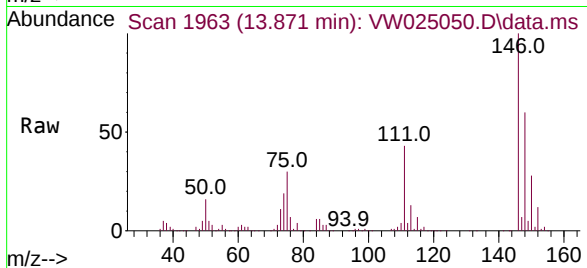
Tgt Ion:146 Resp: 200677

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.4

148 60.4 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.871 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

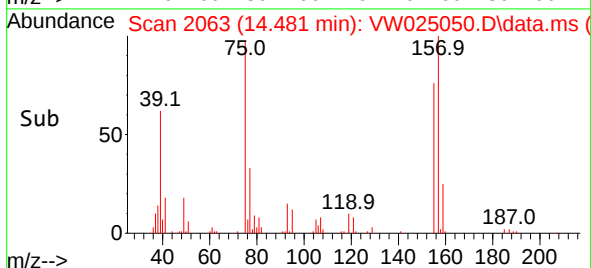
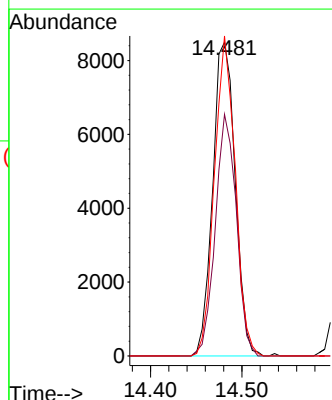
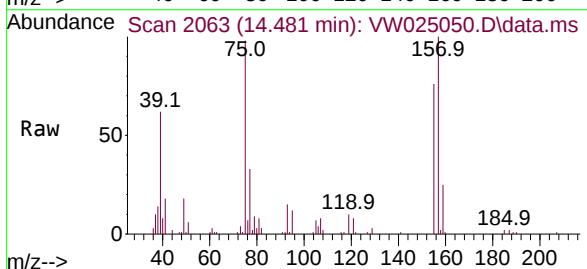
Tgt Ion: 75 Resp: 14517

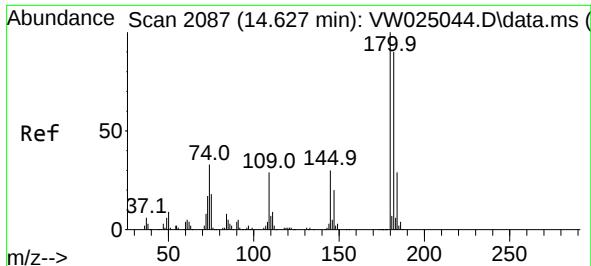
Ion Ratio Lower Upper

75 100

155 77.0 61.2 91.8

157 102.0 72.4 108.6

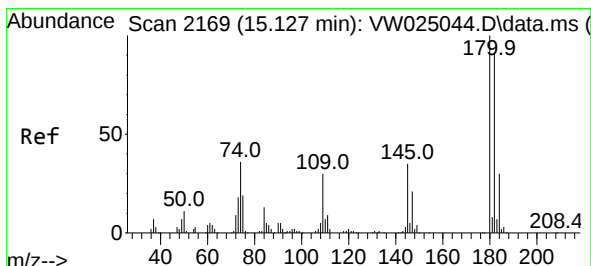
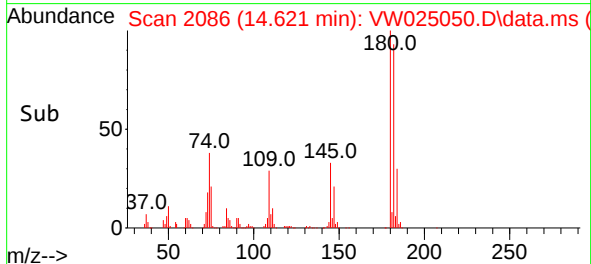
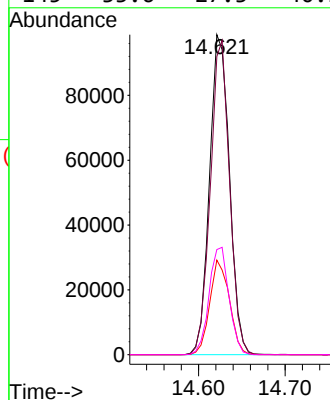
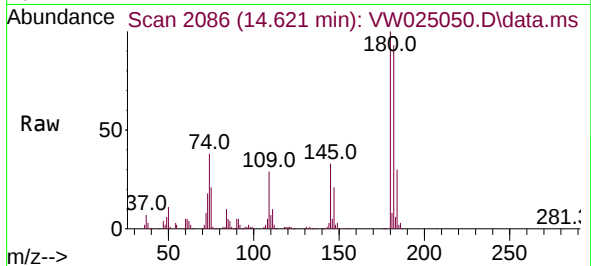




#69
1,3,5-Trichlorobenzene
Concen: 27.768 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

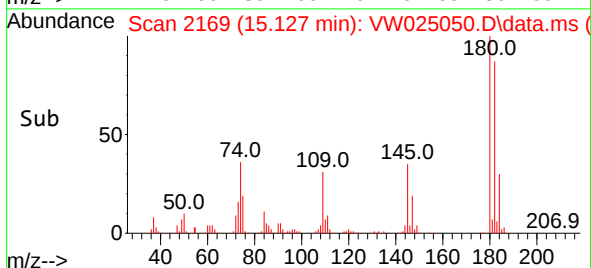
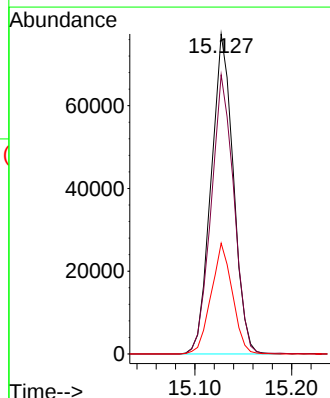
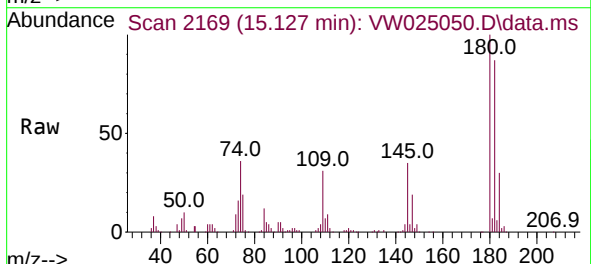
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

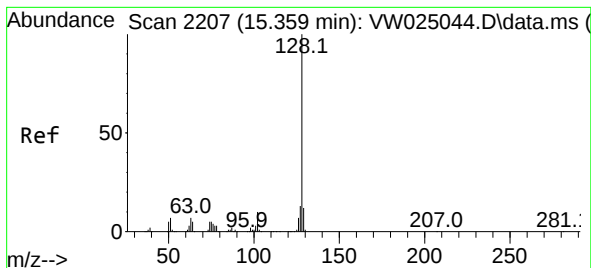
Tgt Ion:	180	Resp:	157667
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.7	113.5
184	29.2	23.4	35.2
145	33.6	27.3	40.9



#70
1,2,4-trichlorobenzene
Concen: 28.042 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025050.D
Acq: 15 Nov 2022 09:14

Tgt Ion:	180	Resp:	123756
Ion Ratio	Lower	Upper	
180	100		
182	88.8	74.9	112.3
145	33.1	27.0	40.4





#71

Naphthalene

Concen: 24.509 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

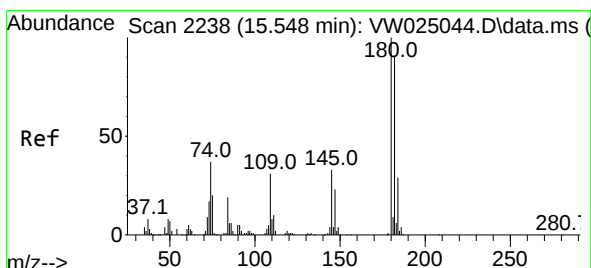
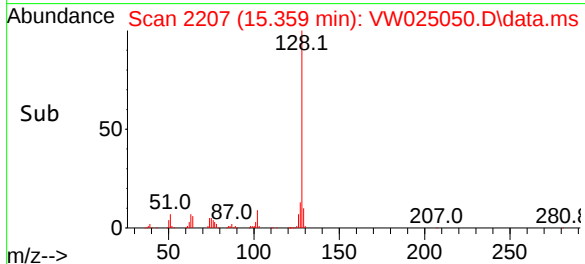
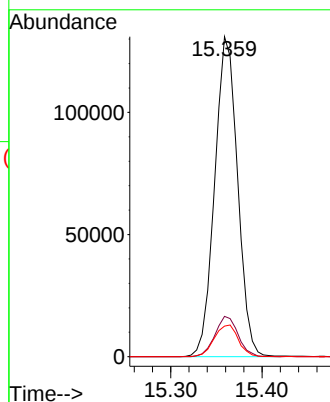
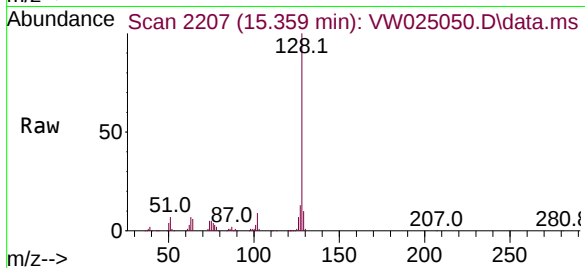
Tgt Ion:128 Resp: 228182

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.4 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.642 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025050.D

Acq: 15 Nov 2022 09:14

Tgt Ion:180 Resp: 98604

Ion Ratio Lower Upper

180 100

182 100.0 74.1 111.1

145 36.9 28.2 42.2

