

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111522\
 Data File : VW025054.D
 Acq On : 15 Nov 2022 12:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Nov 16 00:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 16 00:12:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	280788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	255108	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	137828	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55542	17.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
7) Chloroethane-d5	2.885	69	41651	22.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.240%
11) 1,1-Dichloroethene-d2	4.025	63	170310	21.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.760%
21) 2-Butanone-d5	7.080	46	45875	43.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.260%
24) Chloroform-d	7.653	84	218640	25.658	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	8.311	65	117061	24.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	8.275	84	397454	24.307	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	9.274	67	116781	24.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.323	98	365742	24.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.579	79	49977	23.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.080%
47) 2-Hexanone-d5	10.927	63	38598	46.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91491	23.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	127258	24.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	16928	18.075	ug/L	96
3) Chloromethane	2.215	50	45565	20.228	ug/L	94
5) Vinyl chloride	2.367	62	69004	22.170	ug/L	92
6) Bromomethane	2.782	94	34512	22.220	ug/L	96
8) Chloroethane	2.922	64	31724	24.434	ug/L	99
9) Trichlorofluoromethane	3.263	101	62505	23.939	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	90834	24.567	ug/L	99
12) 1,1-Dichloroethene	4.044	96	82720	23.749	ug/L	95
13) Acetone	4.129	43	29286	38.756	ug/L	99
14) Carbon disulfide	4.385	76	226737	22.285	ug/L	98
15) Methyl Acetate	4.678	43	31181	20.726	ug/L	98
16) Methylene chloride	4.922	84	90704	18.194	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	89940	24.115	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	148001	23.656	ug/L	99
19) 1,1-Dichloroethane	6.220	63	171863	24.890	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	101890	25.065	ug/L	96
22) 2-Butanone	7.177	43	42539	37.574	ug/L	96
23) Bromochloromethane	7.513	128	44037	24.989	ug/L	92
25) Chloroform	7.677	83	190903	26.196	ug/L	94

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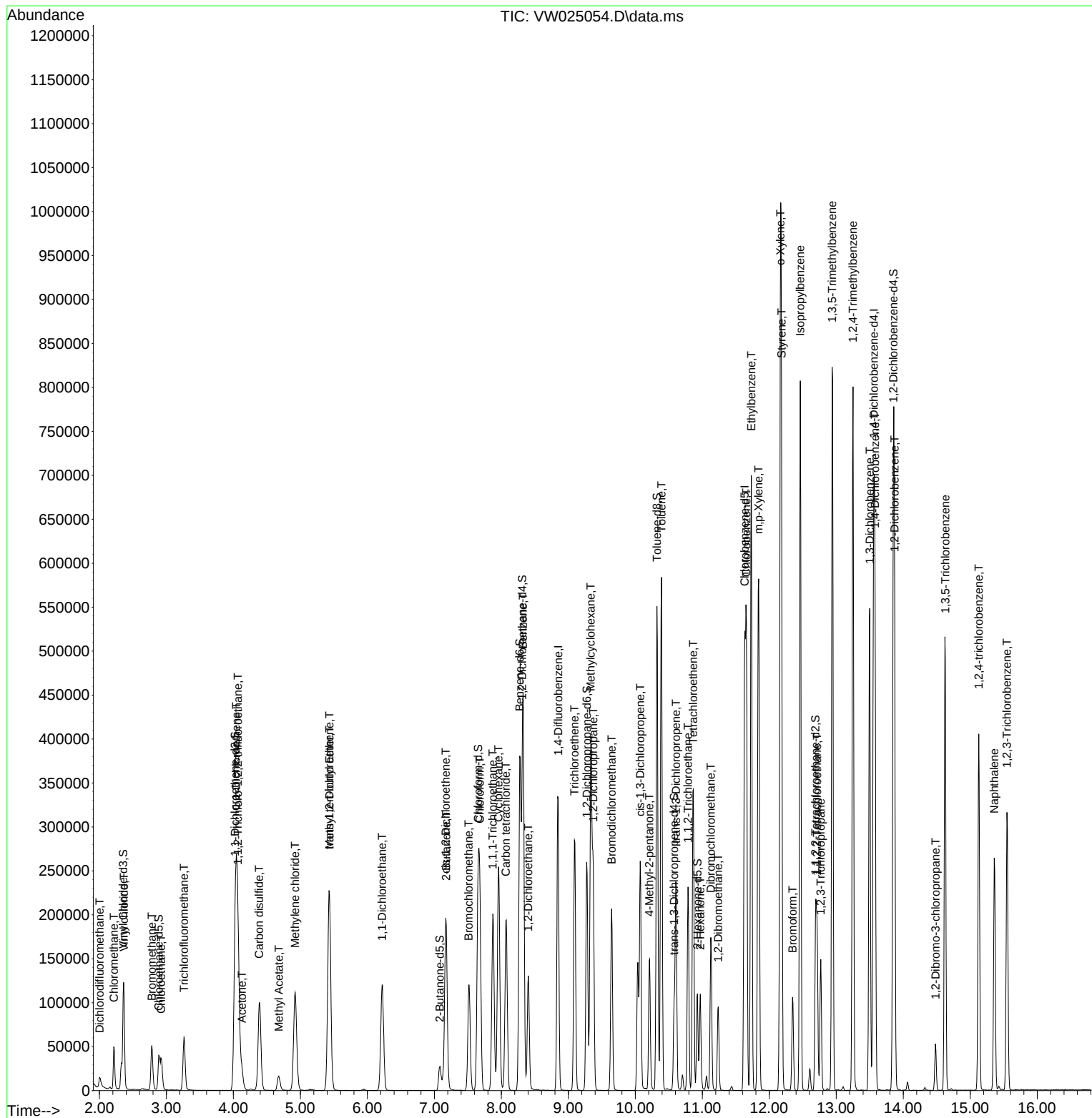
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27) 1,2-Dichloroethane	8.403	62	122587	24.799	ug/L	98
29) Cyclohexane	7.958	56	139995	23.241	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	164345	26.325	ug/L	98
31) Carbon tetrachloride	8.067	117	149303	26.764	ug/L	98
33) Benzene	8.323	78	384355	25.019	ug/L	100
34) Trichloroethene	9.092	95	101530	24.966	ug/L	98
35) Methylcyclohexane	9.335	83	165883	24.006	ug/L	99
37) 1,2-Dichloropropane	9.372	63	92752	24.876	ug/L	100
38) Bromodichloromethane	9.646	83	138520	26.618	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	154225	26.164	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	93820	42.878	ug/L	98
42) Toluene	10.390	91	420045	25.755	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	133134	25.406	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69789	24.790	ug/L	98
46) Tetrachloroethene	10.866	164	74751	25.702	ug/L	95
48) 2-Hexanone	10.969	43	60903	40.247	ug/L	95
49) Dibromochloromethane	11.128	129	88383	25.755	ug/L	99
50) 1,2-Dibromoethane	11.238	107	63474	23.840	ug/L	94
51) Chlorobenzene	11.658	112	271784	25.708	ug/L	97
52) Ethylbenzene	11.731	91	483538	25.684	ug/L	99
53) m,p-Xylene	11.841	106	184686	25.343	ug/L	97
54) o-Xylene	12.164	106	179678	26.135	ug/L	96
55) Styrene	12.182	104	313366	26.243	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	78702	23.303	ug/L	98
59) Bromoform	12.347	173	47830	24.535	ug/L	99
60) Isopropylbenzene	12.463	105	507872	24.509	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	59013	21.312	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	447106	24.856	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	441314	25.019	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	210786	24.390	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	213047	24.705	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	192913	24.826	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14043	21.945	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	147917	25.840	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	119449	26.847	ug/L	98
71) Naphthalene	15.359	128	224663	23.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	101135	26.088	ug/L	99

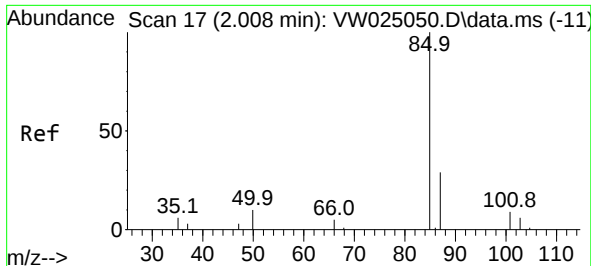
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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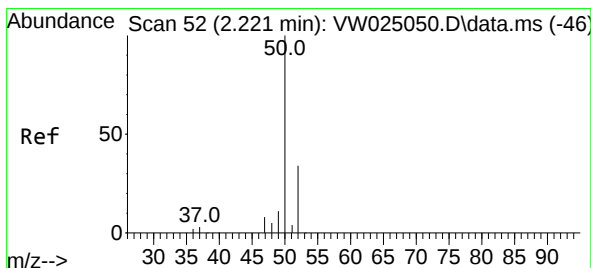
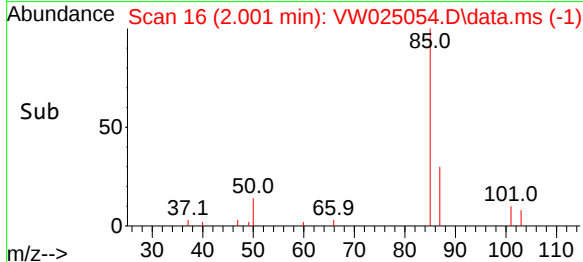
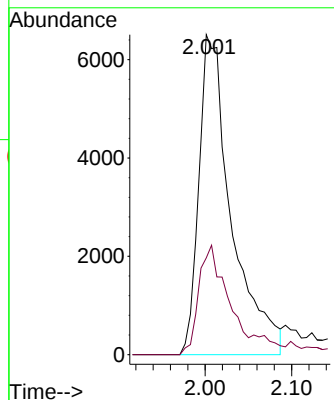
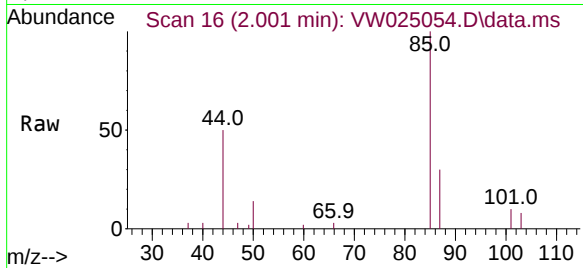




#2
 Dichlorodifluoromethane
 Concen: 18.075 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

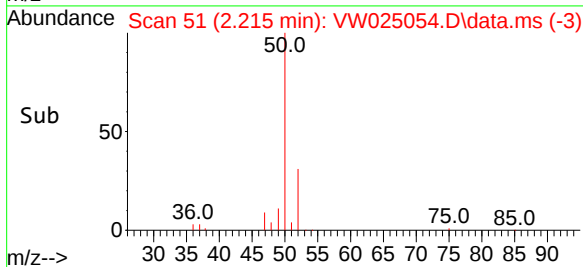
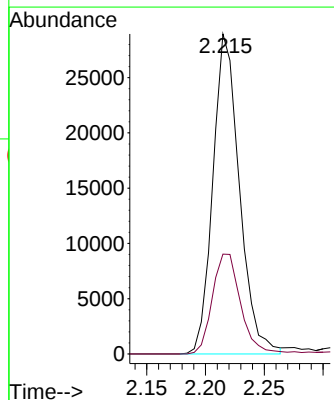
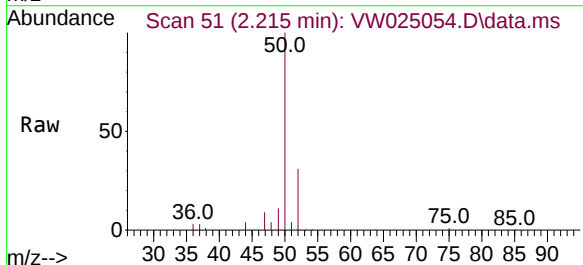
Instrument :
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 ClientSampleId :
 VSTD025498

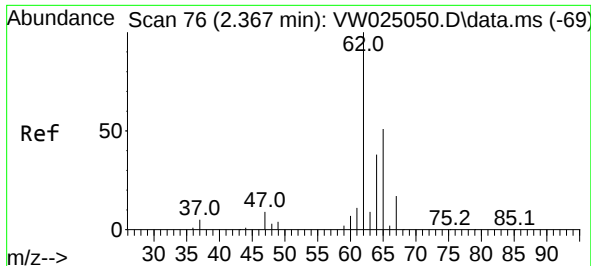
Tgt Ion: 85 Resp: 16928
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.9 38.9



#3
 Chloromethane
 Concen: 20.228 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

Tgt Ion: 50 Resp: 45565
 Ion Ratio Lower Upper
 50 100
 52 31.2 24.1 44.8

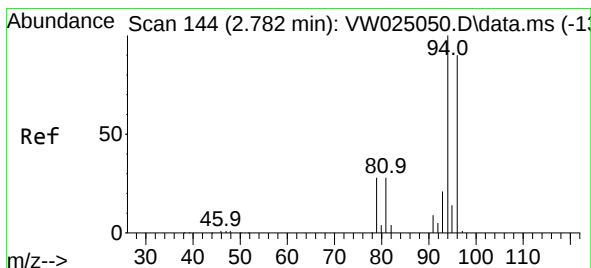
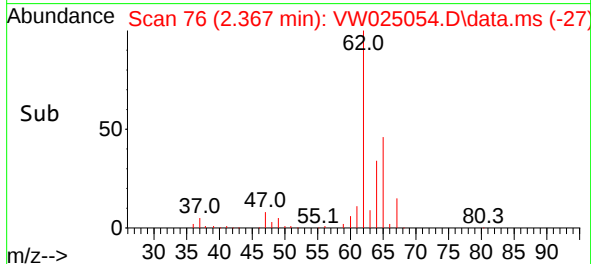
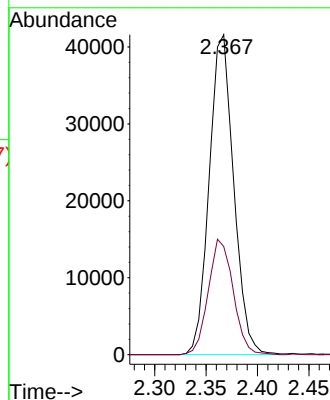
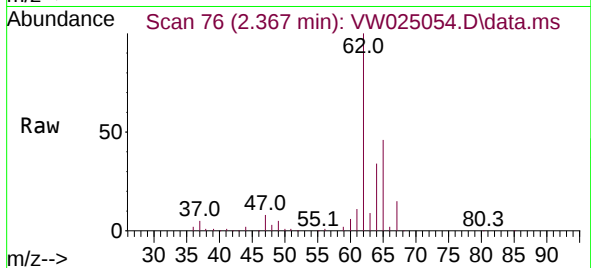




#5
 Vinyl chloride
 Concen: 22.170 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

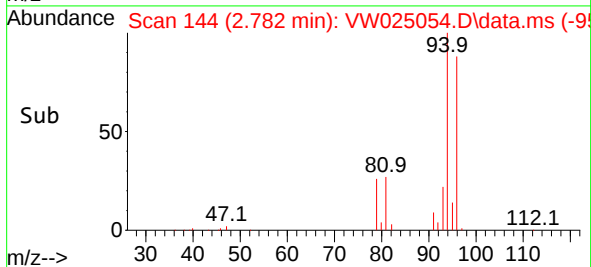
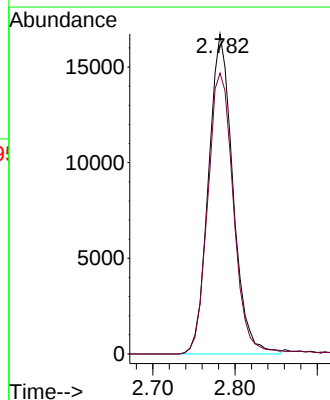
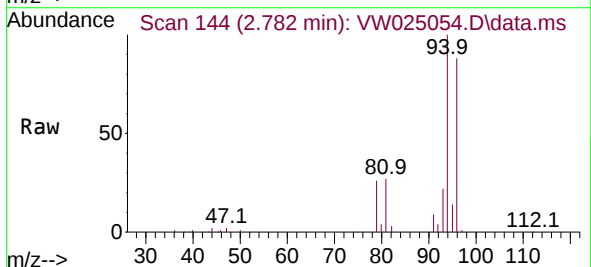
Instrument :
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 ClientSampleId :
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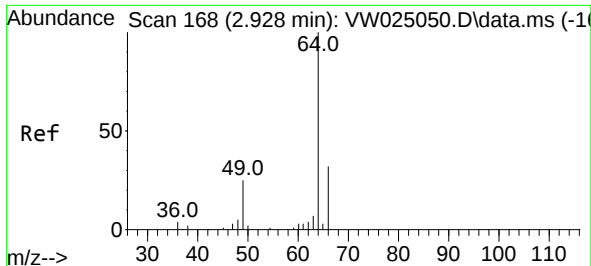
Tgt Ion: 62 Resp: 69004
 Ion Ratio Lower Upper
 62 100
 64 33.8 27.2 50.6



#6
 Bromomethane
 Concen: 22.220 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

Tgt Ion: 94 Resp: 34512
 Ion Ratio Lower Upper
 94 100
 96 87.8 63.8 118.6

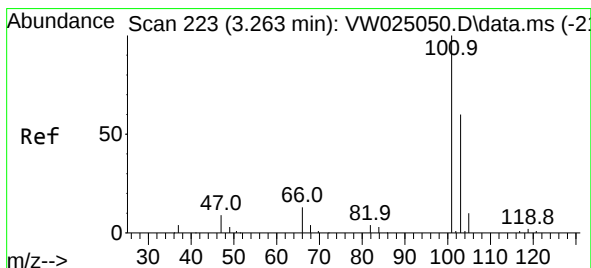
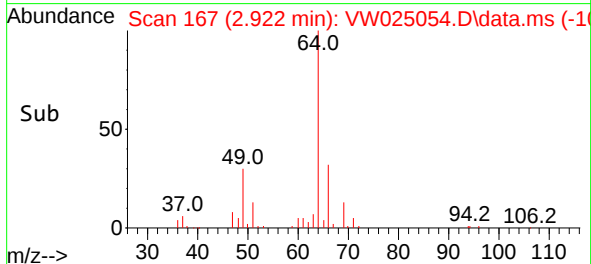
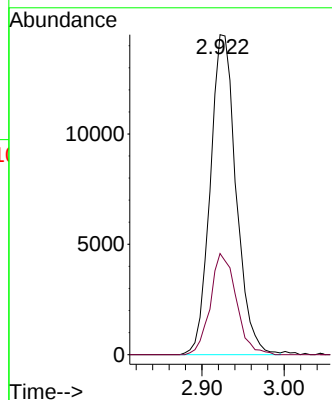
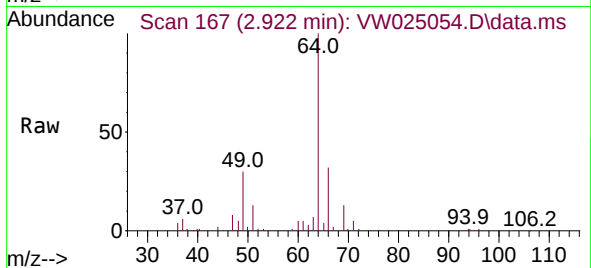




#8
Chloroethane
Concen: 24.434 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

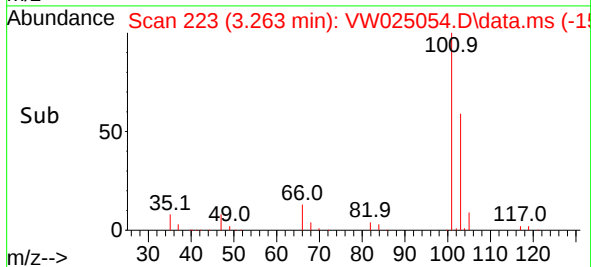
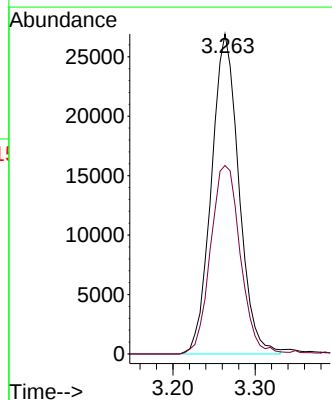
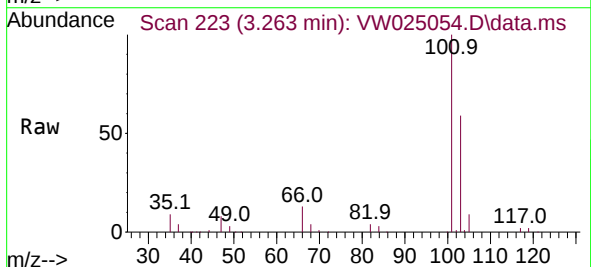
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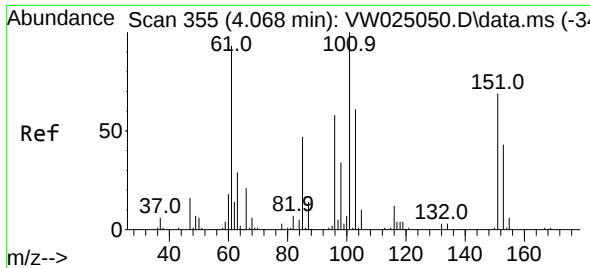
Tgt Ion: 64 Resp: 31724
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 23.939 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion: 101 Resp: 62505
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

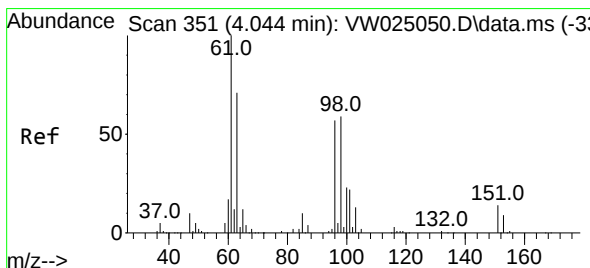
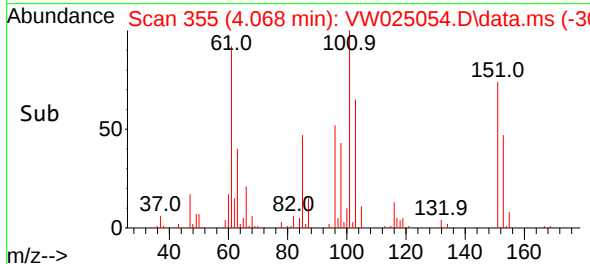
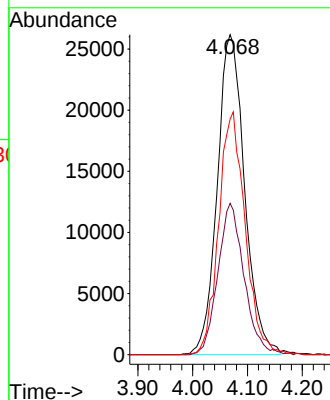
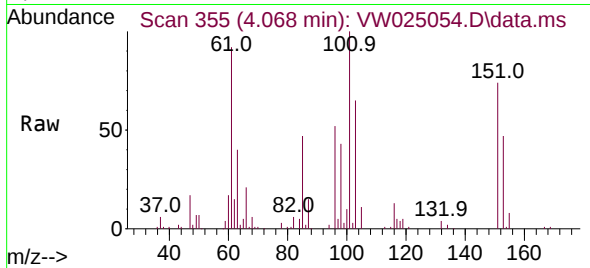




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.567 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

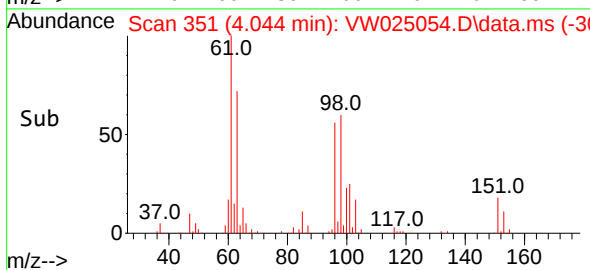
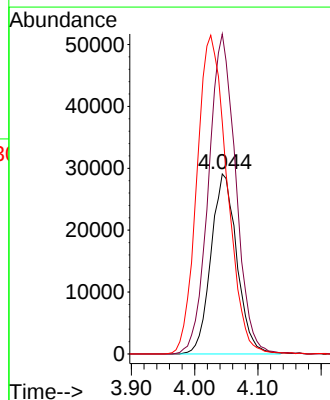
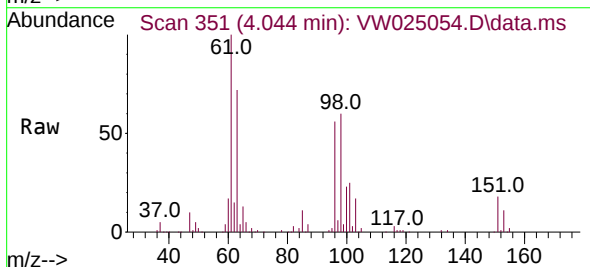
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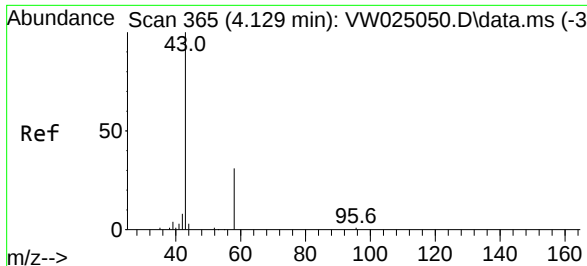
Tgt Ion:101 Resp: 90834
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.5 54.7
 151 72.8 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 23.749 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

Tgt Ion: 96 Resp: 82720
 Ion Ratio Lower Upper
 96 100
 61 177.8 126.2 234.4
 63 128.8 98.3 182.7





#13

Acetone

Concen: 38.756 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

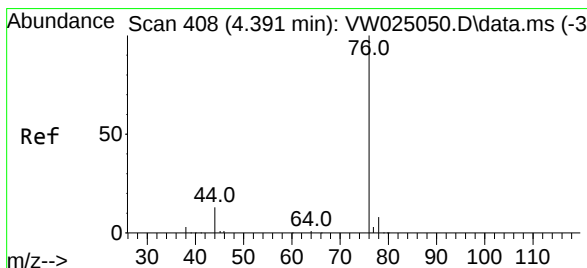
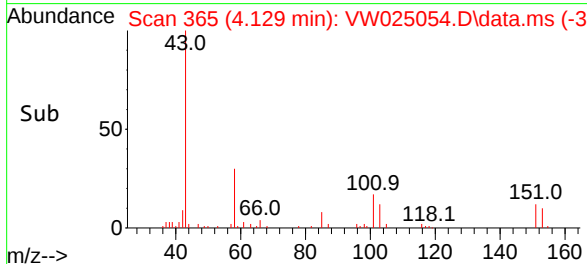
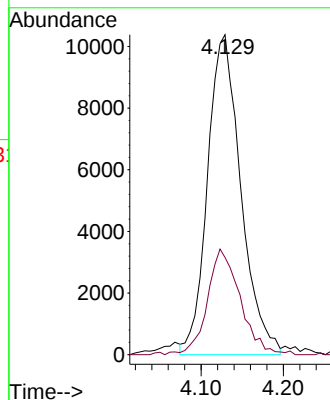
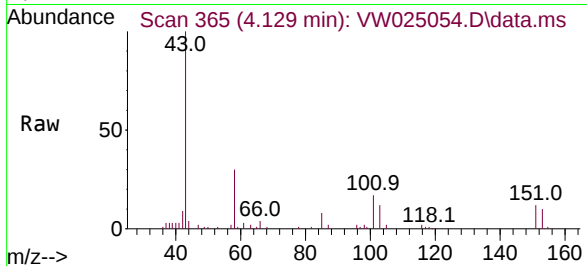
VSTD025498

Tgt Ion: 43 Resp: 29286

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.4



#14

Carbon disulfide

Concen: 22.285 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

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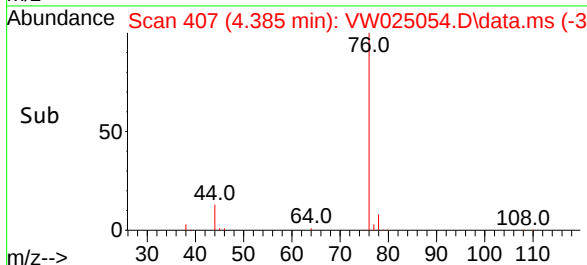
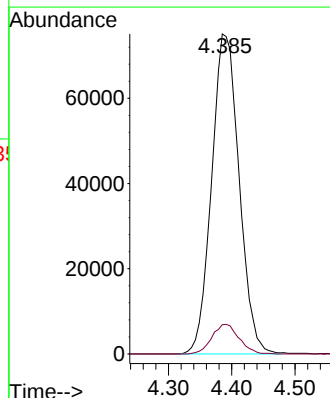
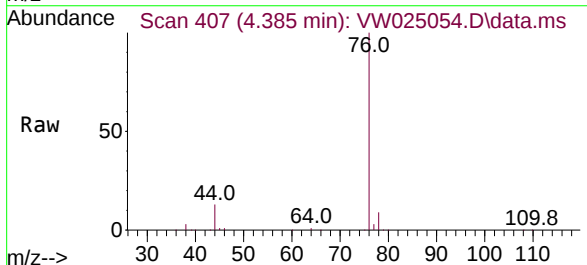
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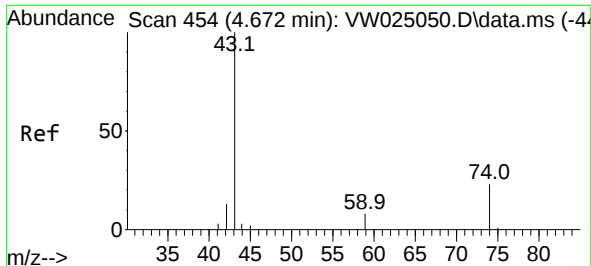
Tgt Ion: 76 Resp: 226737

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

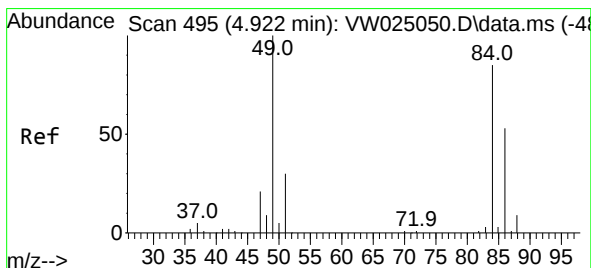
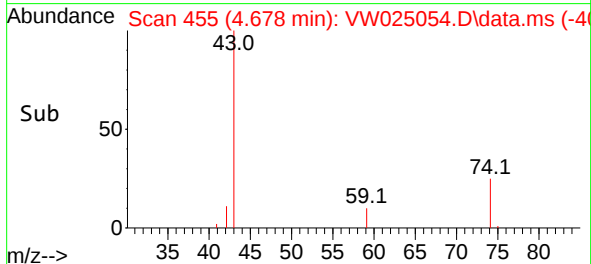
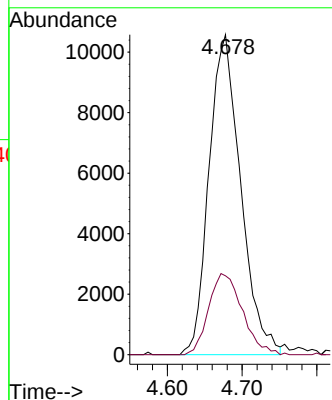
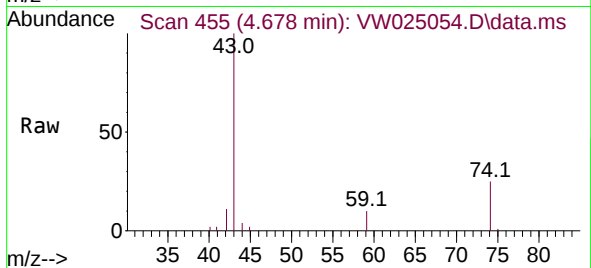




#15
Methyl Acetate
Concen: 20.726 ug/L
RT: 4.678 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

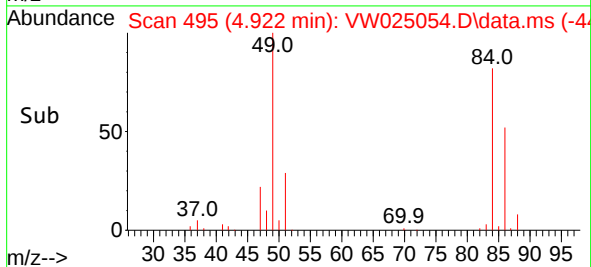
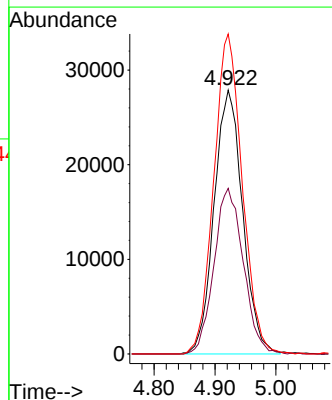
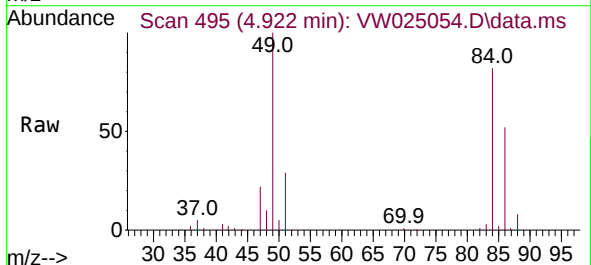
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

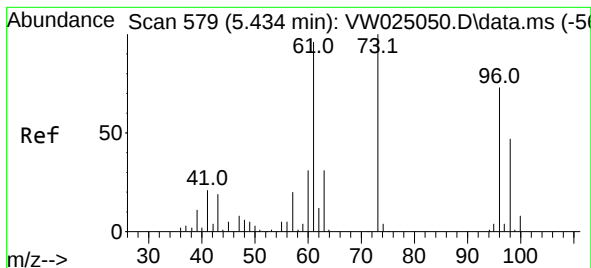
Tgt Ion: 43 Resp: 31181
Ion Ratio Lower Upper
43 100
74 26.9 20.6 30.8



#16
Methylene chloride
Concen: 18.194 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion: 84 Resp: 90704
Ion Ratio Lower Upper
84 100
86 62.7 42.6 79.0
49 121.3 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.115 ug/L

RT: 5.434 min Scan# 579

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

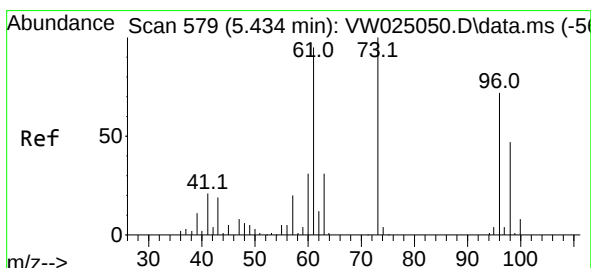
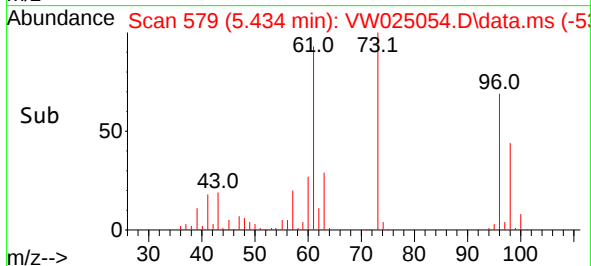
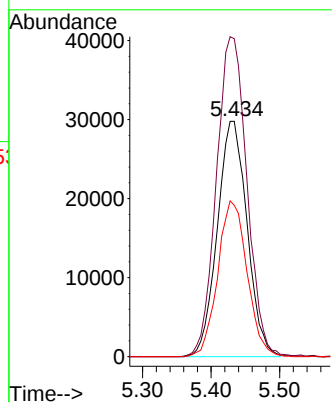
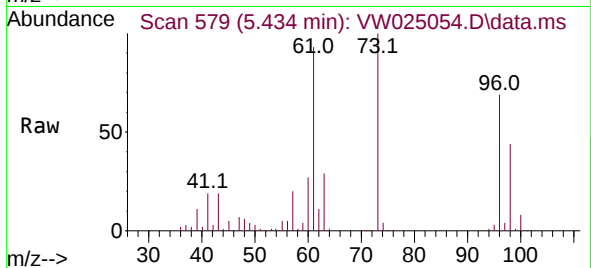
Tgt Ion: 96 Resp: 89940

Ion Ratio Lower Upper

96 100

61 135.0 97.6 181.2

98 64.3 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 23.656 ug/L

RT: 5.434 min Scan# 579

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

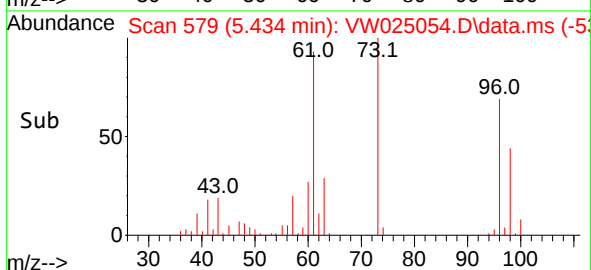
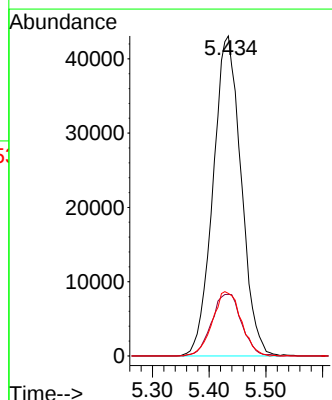
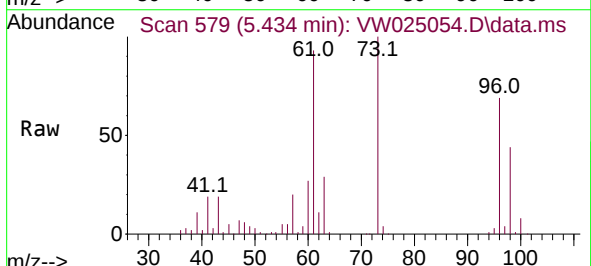
Tgt Ion: 73 Resp: 148001

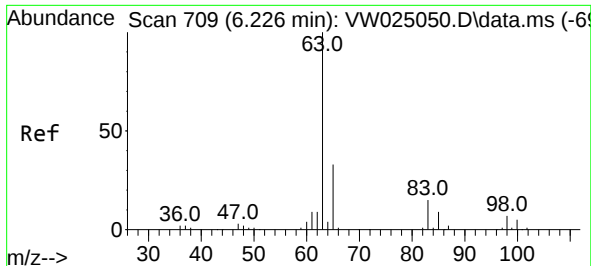
Ion Ratio Lower Upper

73 100

43 20.5 16.6 24.8

57 20.6 17.1 25.7

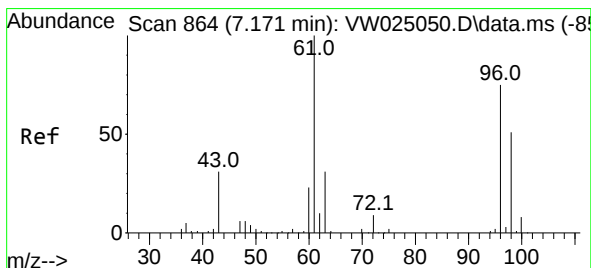
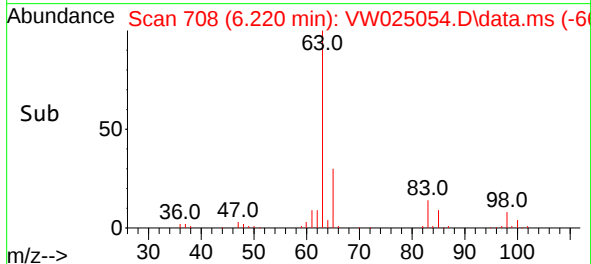
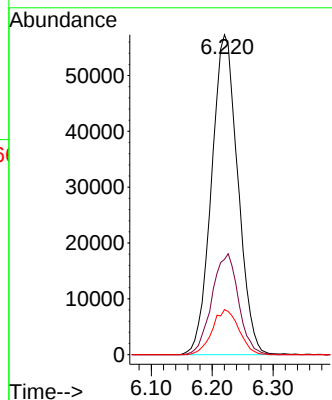
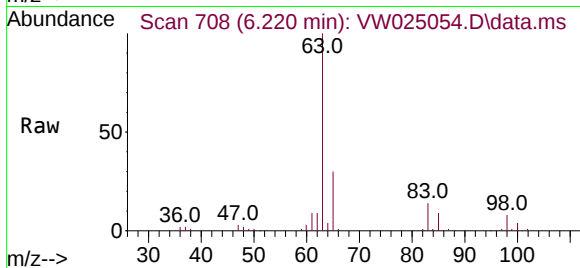




#19
 1,1-Dichloroethane
 Concen: 24.890 ug/L
 RT: 6.220 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

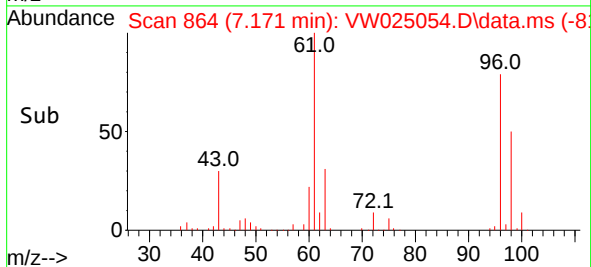
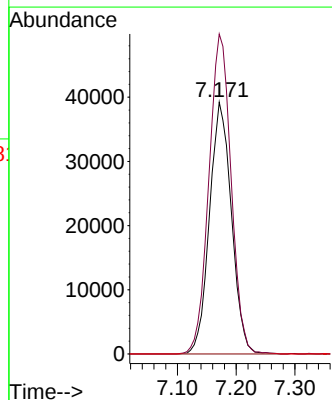
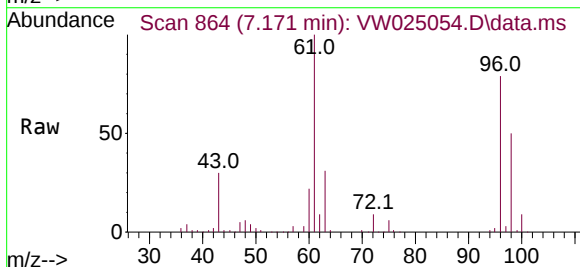
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

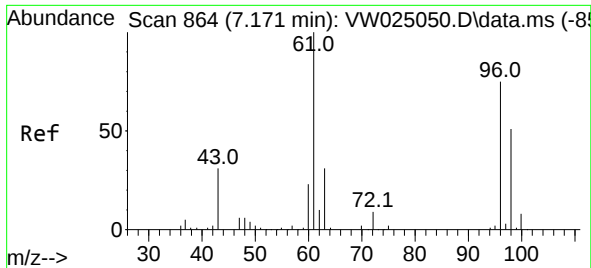
Tgt Ion: 63 Resp: 171863
 Ion Ratio Lower Upper
 63 100
 65 29.8 22.2 41.2
 83 14.1 9.7 17.9



#20
 cis-1,2-Dichloroethene
 Concen: 25.065 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW025054.D
 Acq: 15 Nov 2022 12:15

Tgt Ion: 96 Resp: 101890
 Ion Ratio Lower Upper
 96 100
 61 127.0 91.8 170.6
 68 0.0 0.0 0.0

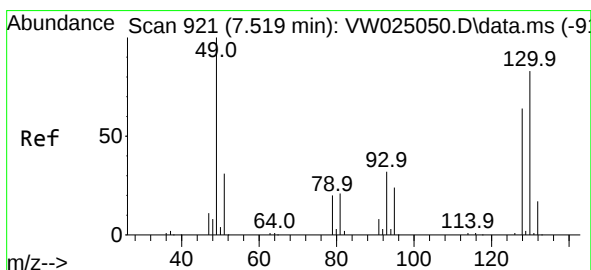
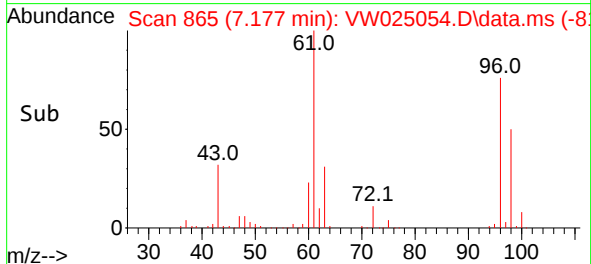
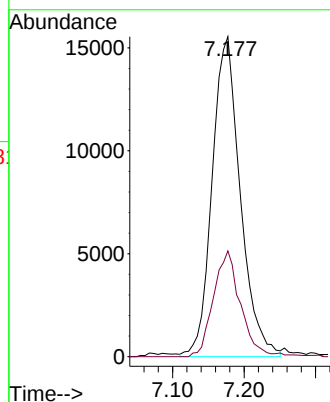
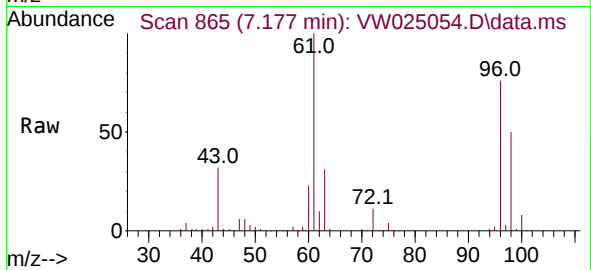




#22
2-Butanone
Concen: 37.574 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

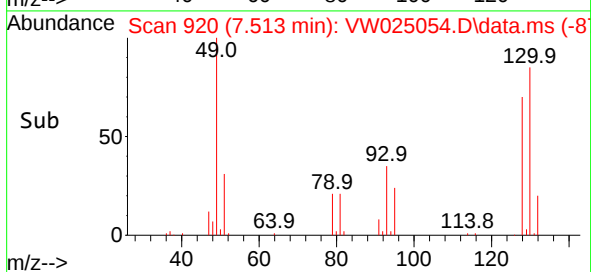
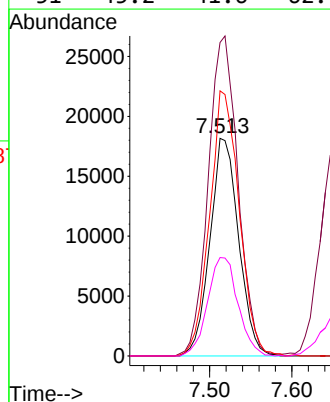
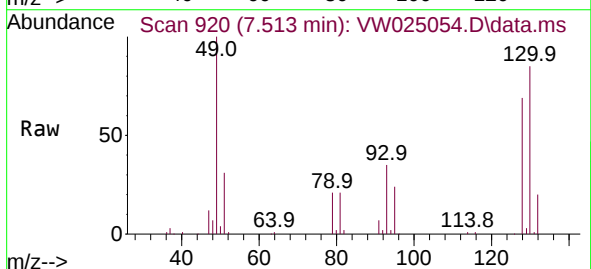
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

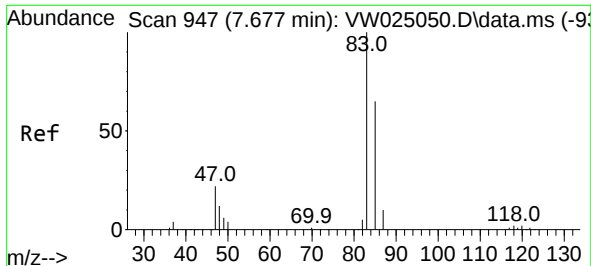
Tgt Ion: 43 Resp: 42539
Ion Ratio Lower Upper
43 100
72 31.2 14.6 44.0



#23
Bromochloromethane
Concen: 24.989 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion: 128 Resp: 44037
Ion Ratio Lower Upper
128 100
49 144.0 112.8 209.4
130 121.8 86.2 160.2
51 45.2 41.6 62.4





#25

Chloroform

Concen: 26.196 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

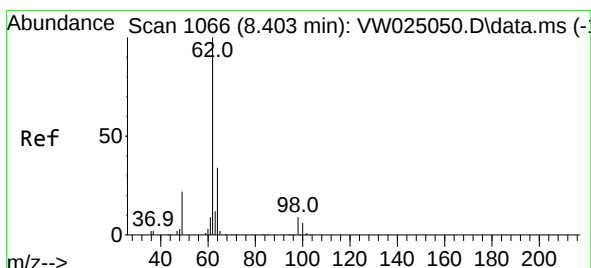
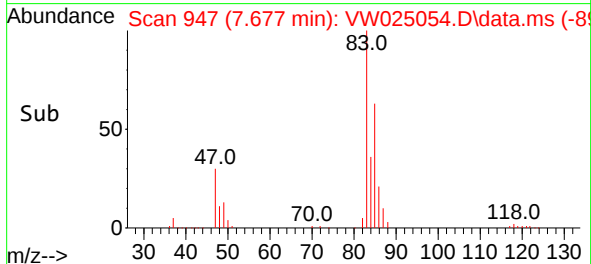
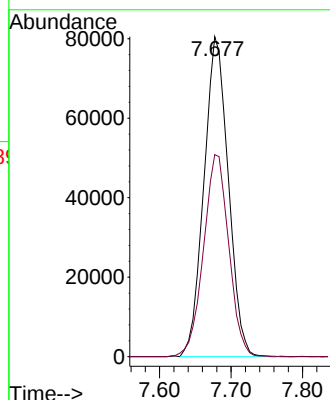
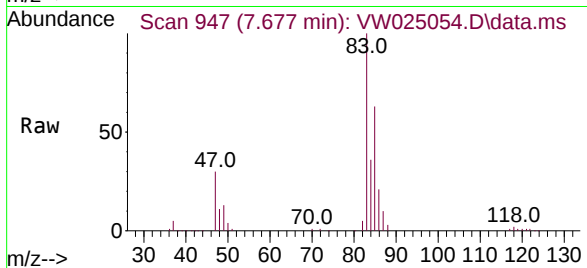
VSTD025498

Tgt Ion: 83 Resp: 190903

Ion Ratio Lower Upper

83 100

85 63.1 47.5 88.3



#27

1,2-Dichloroethane

Concen: 24.799 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW025054.D

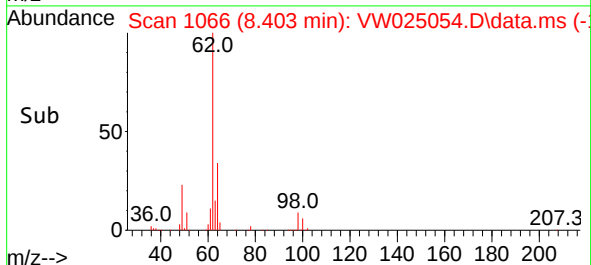
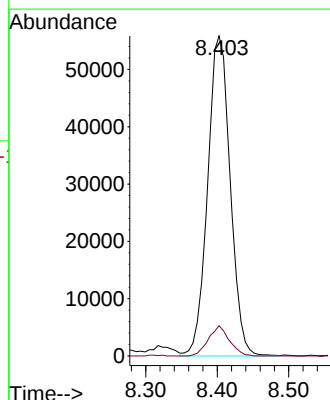
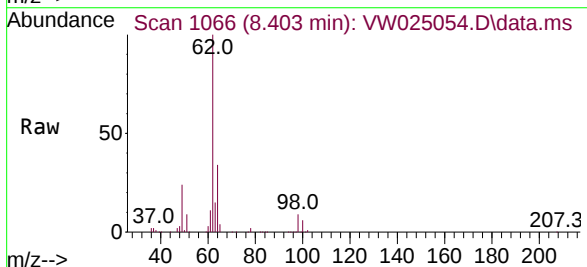
Acq: 15 Nov 2022 12:15

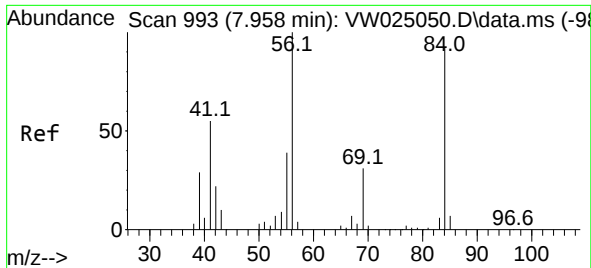
Tgt Ion: 62 Resp: 122587

Ion Ratio Lower Upper

62 100

98 9.5 7.0 10.4

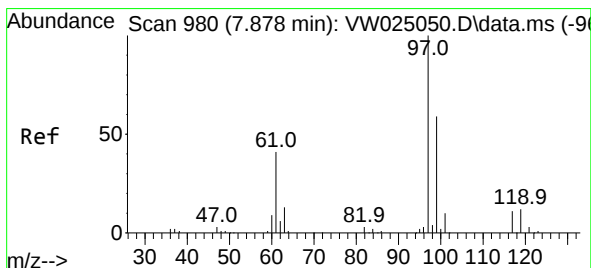
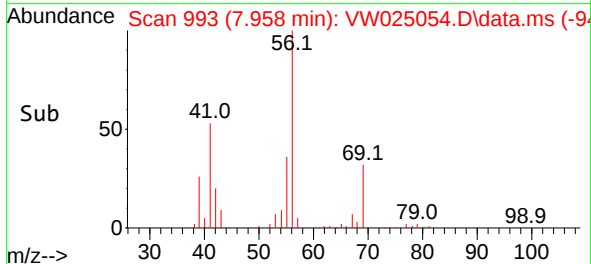
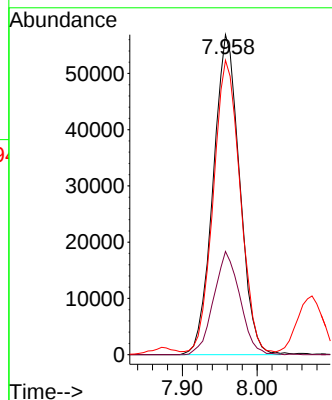
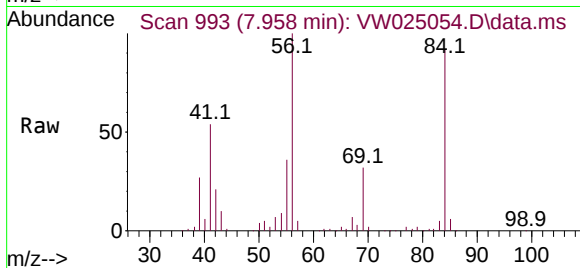




#29
Cyclohexane
Concen: 23.241 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

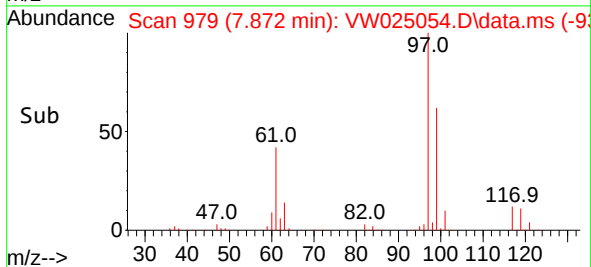
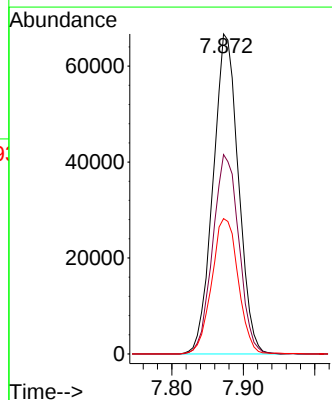
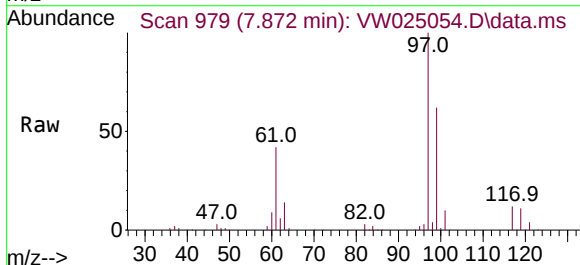
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

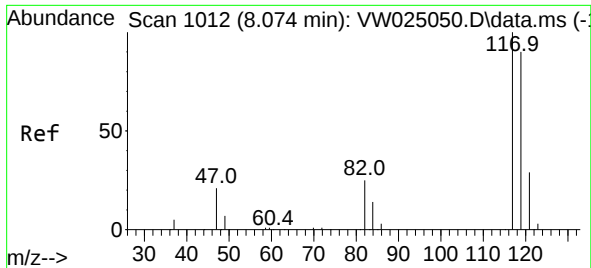
Tgt Ion:	56	Resp:	139995
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.0	37.4
84	94.3	72.6	108.8



#30
1,1,1-Trichloroethane
Concen: 26.325 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:	97	Resp:	164345
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	44.0	36.6	54.8

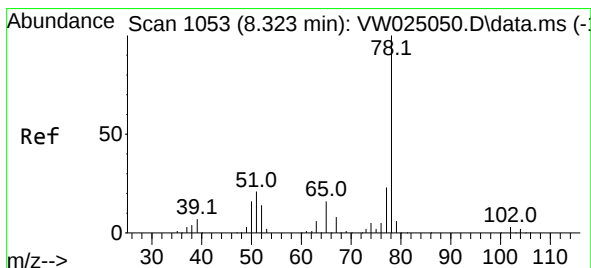
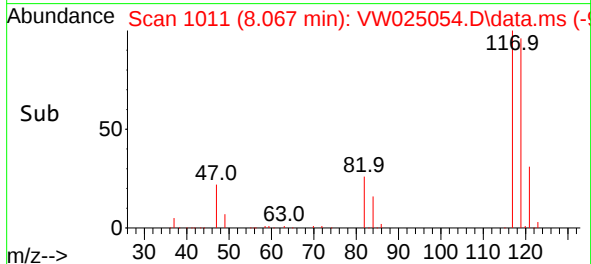
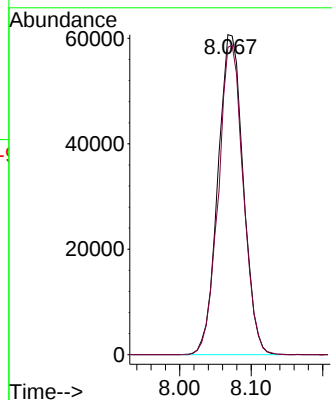
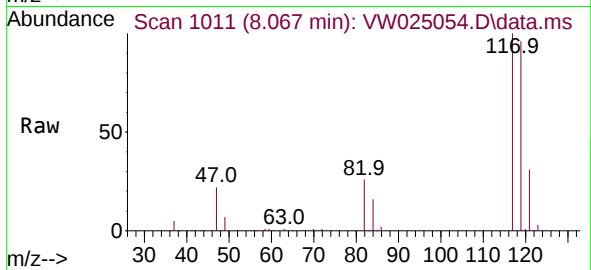




#31
Carbon tetrachloride
Concen: 26.764 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

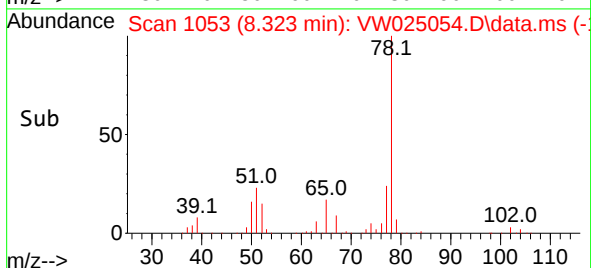
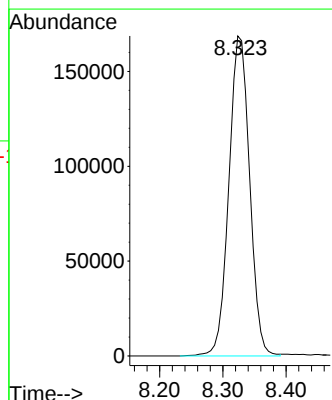
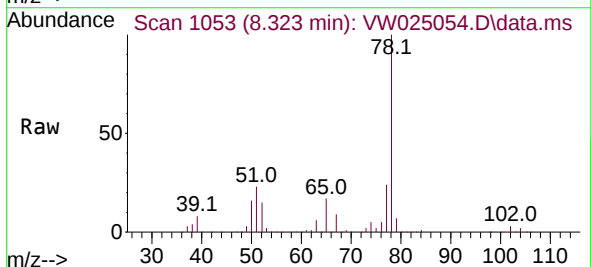
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

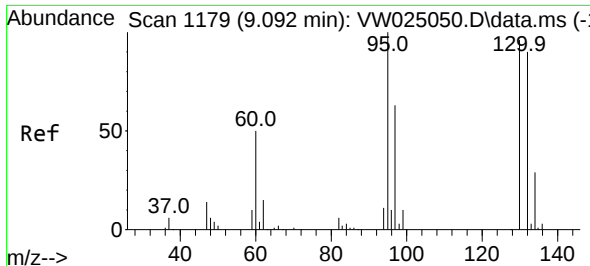
Tgt Ion:117 Resp: 149303
Ion Ratio Lower Upper
117 100
119 95.2 77.7 116.5



#33
Benzene
Concen: 25.019 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion: 78 Resp: 384355





#34

Trichloroethene

Concen: 24.966 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

Tgt Ion: 95 Resp: 101530

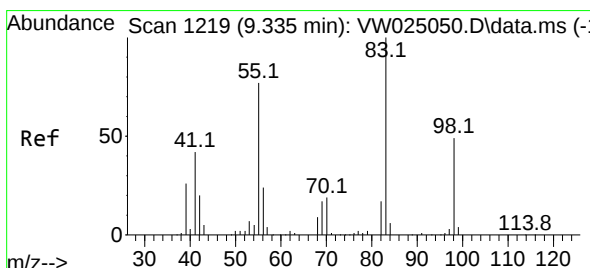
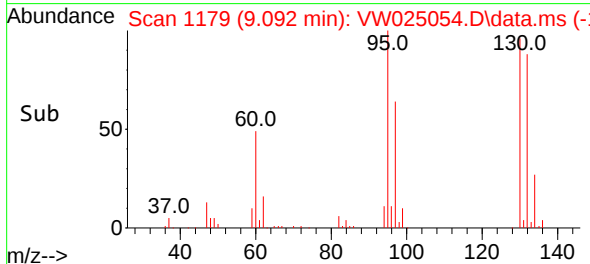
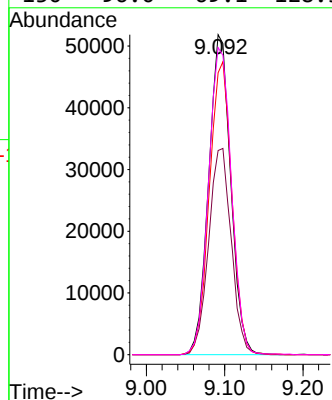
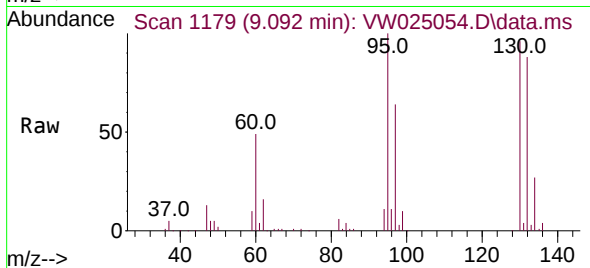
Ion Ratio Lower Upper

95 100

97 63.8 44.7 83.1

132 88.1 62.6 116.2

130 96.0 69.1 128.3



#35

Methylcyclohexane

Concen: 24.006 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

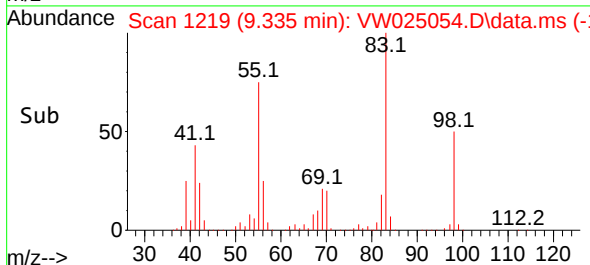
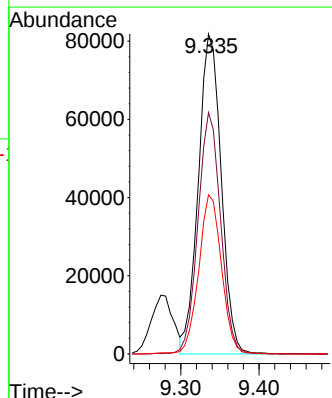
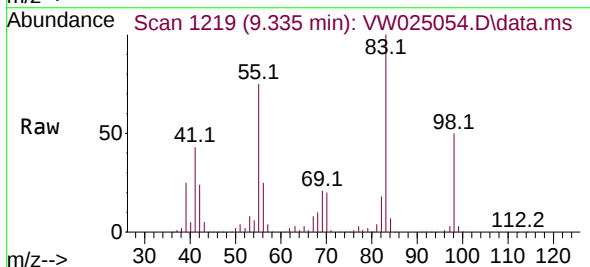
Tgt Ion: 83 Resp: 165883

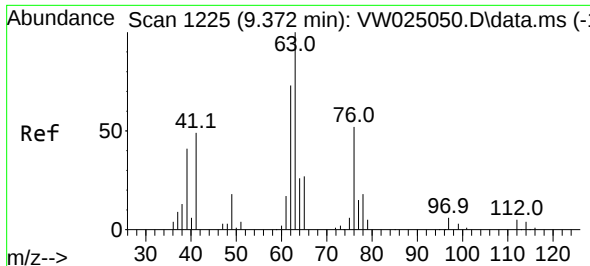
Ion Ratio Lower Upper

83 100

55 74.4 60.4 90.6

98 49.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.876 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

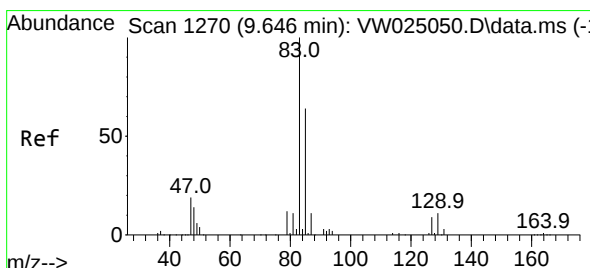
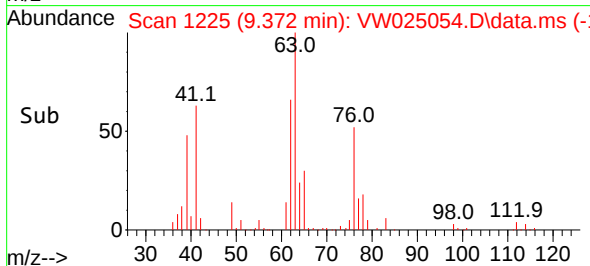
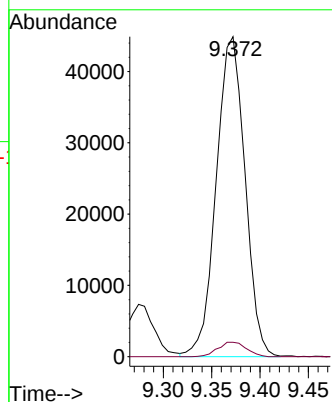
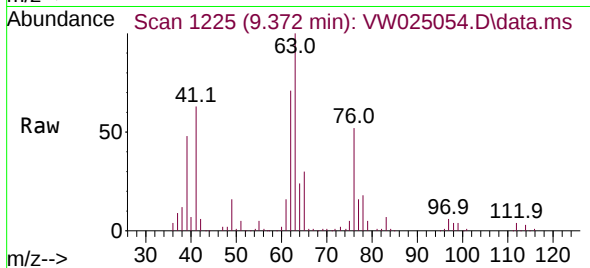
VSTD025498

Tgt Ion: 63 Resp: 92752

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 26.618 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

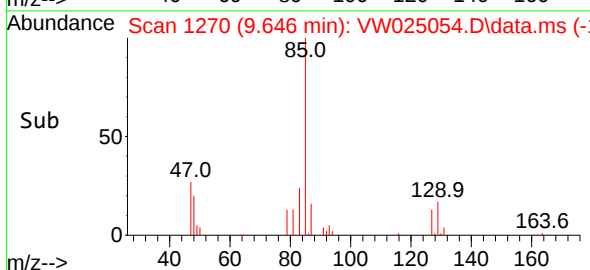
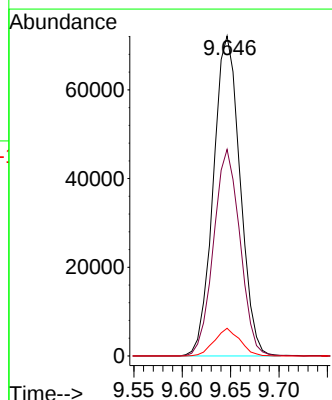
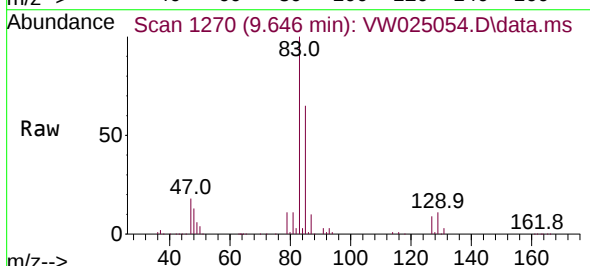
Tgt Ion: 83 Resp: 138520

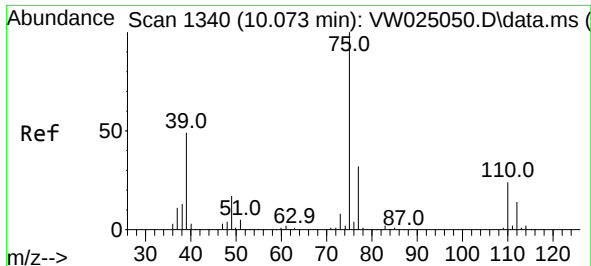
Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.0

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.164 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

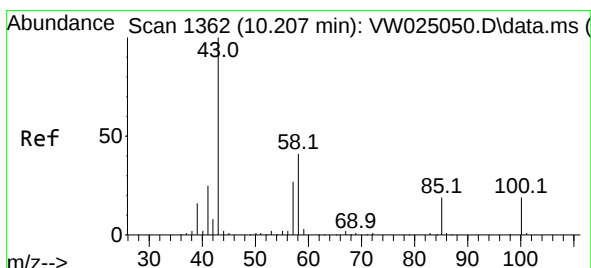
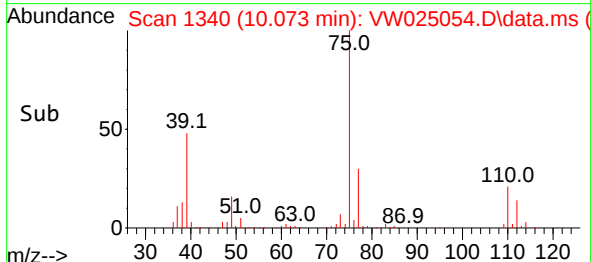
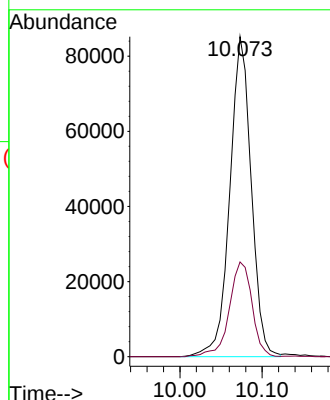
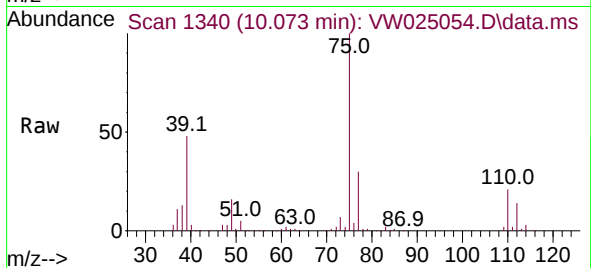
VSTD025498

Tgt Ion: 75 Resp: 154225

Ion Ratio Lower Upper

75 100

77 29.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 42.878 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

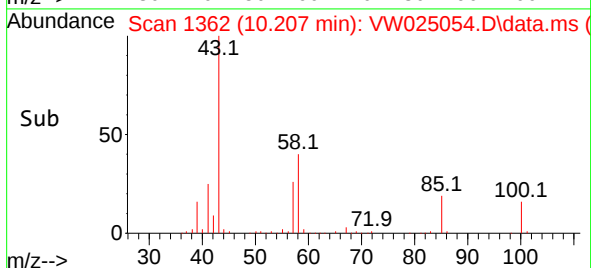
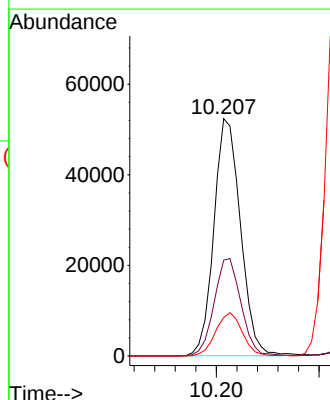
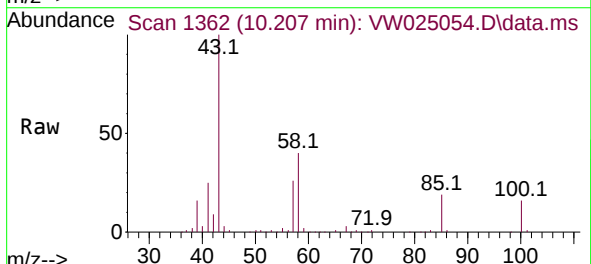
Tgt Ion: 43 Resp: 93820

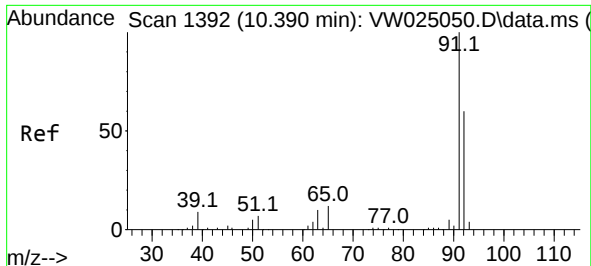
Ion Ratio Lower Upper

43 100

58 41.7 32.6 48.8

100 18.3 14.0 21.0

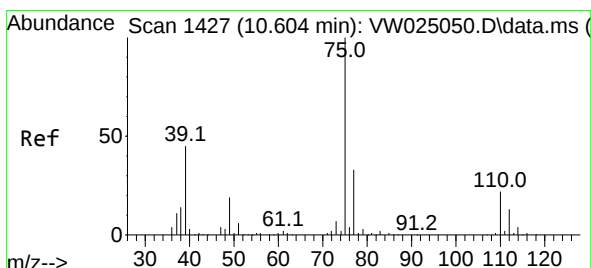
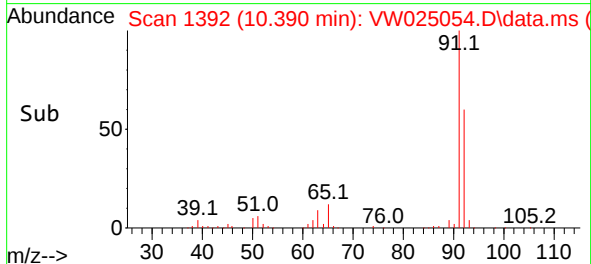
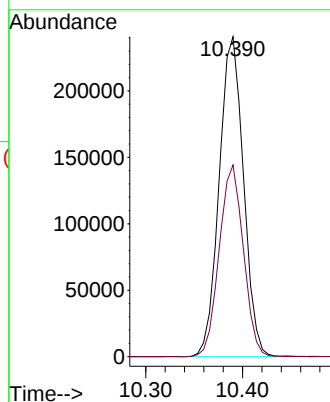
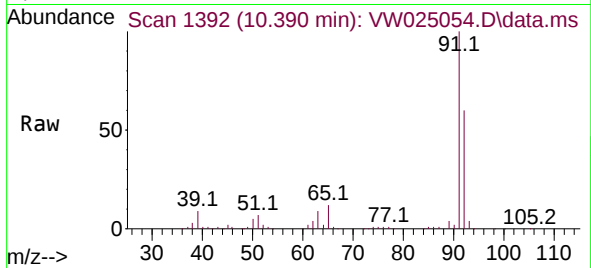




#42
Toluene
Concen: 25.755 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

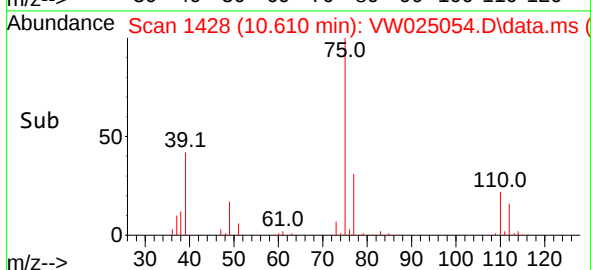
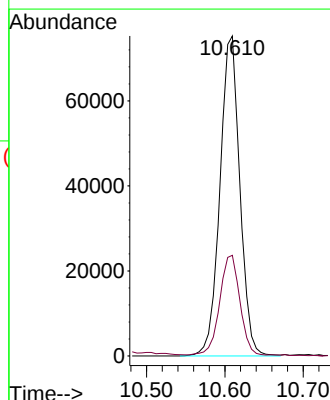
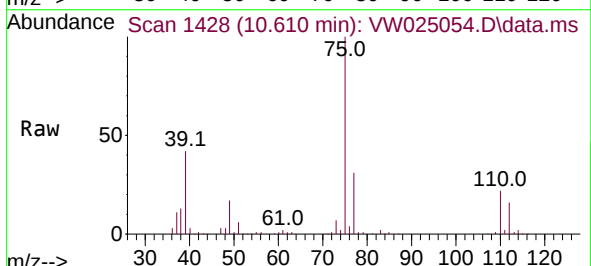
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

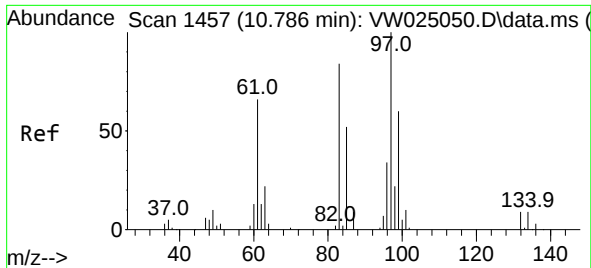
Tgt Ion: 91 Resp: 420045
Ion Ratio Lower Upper
91 100
92 59.9 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 25.406 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion: 75 Resp: 133134
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.5

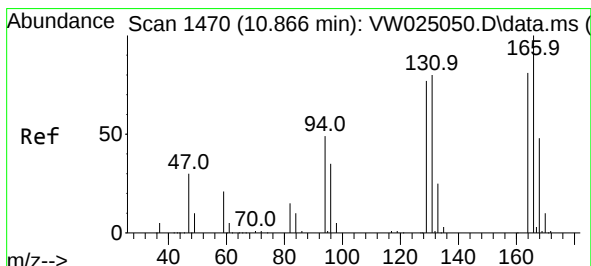
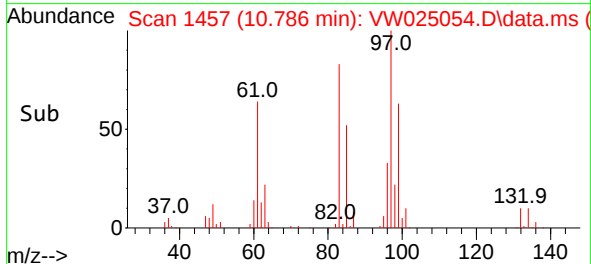
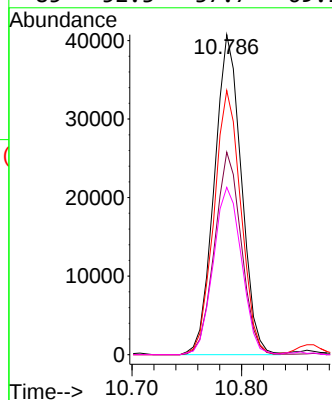
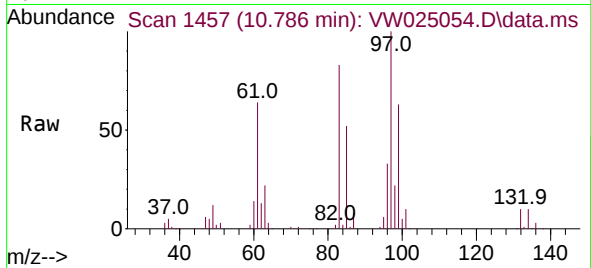




#45
1,1,2-Trichloroethane
Concen: 24.790 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

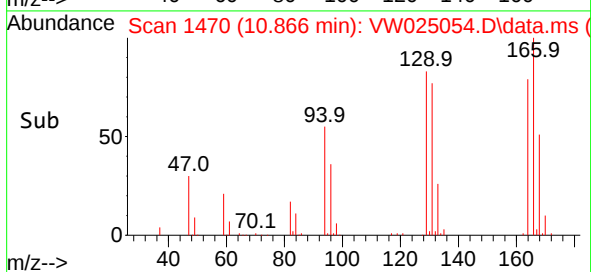
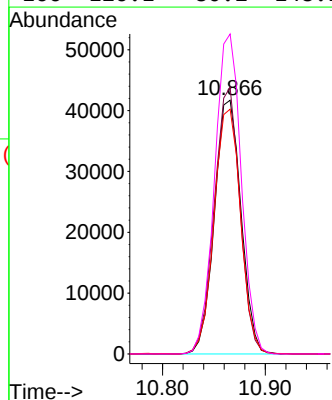
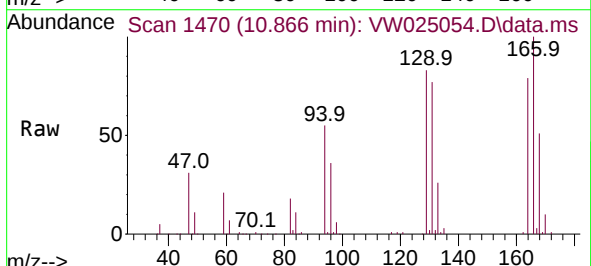
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

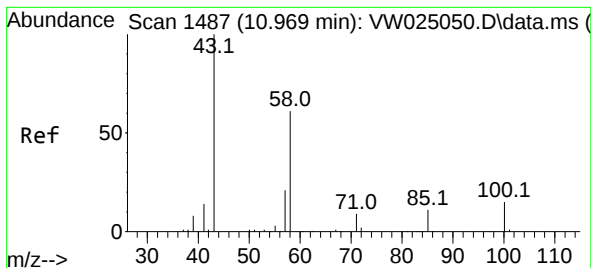
Tgt Ion:	97	Resp:	69789
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.0	81.6
83	82.5	59.9	111.3
85	52.3	37.7	69.9



#46
Tetrachloroethene
Concen: 25.702 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:	164	Resp:	74751
Ion	Ratio	Lower	Upper
164	100		
129	105.1	72.9	135.5
131	96.5	70.1	130.3
166	126.1	80.2	148.9

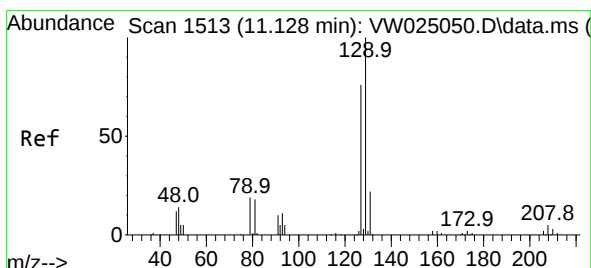
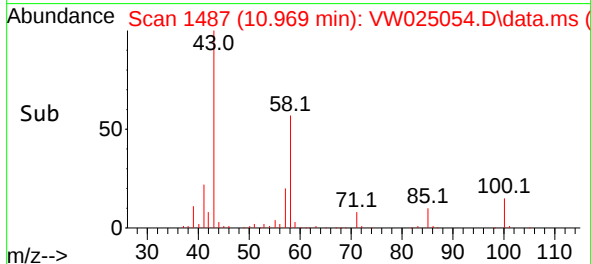
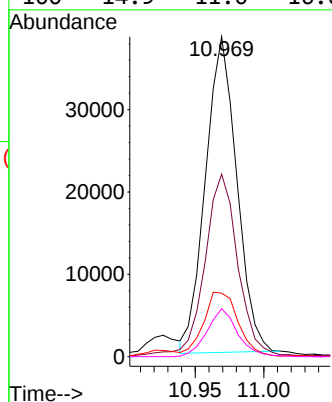
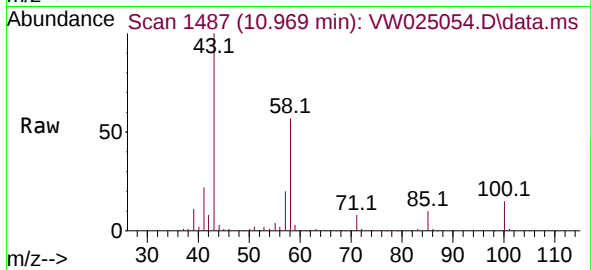




#48
2-Hexanone
Concen: 40.247 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

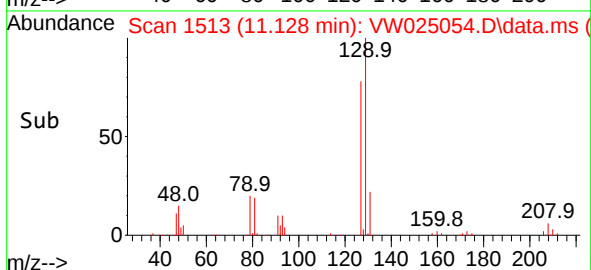
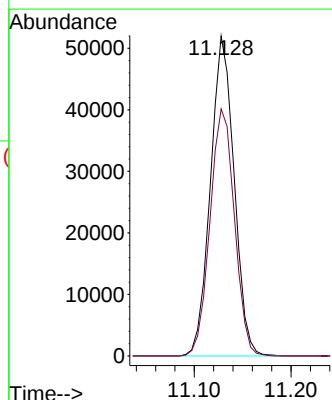
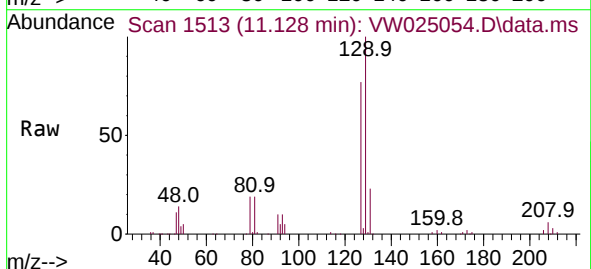
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

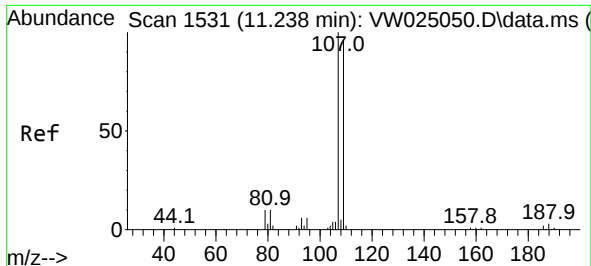
Tgt Ion:	43	Resp:	60903
Ion	Ratio	Lower	Upper
43	100		
58	61.7	46.1	69.1
57	22.7	16.2	24.2
100	14.9	11.0	16.6



#49
Dibromochloromethane
Concen: 25.755 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:	129	Resp:	88383
Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.2	98.8





#50

1,2-Dibromoethane

Concen: 23.840 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

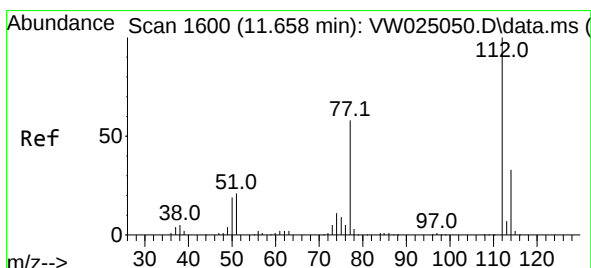
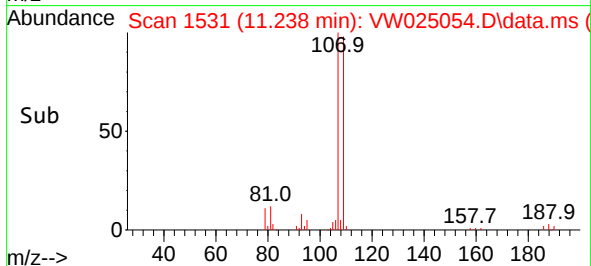
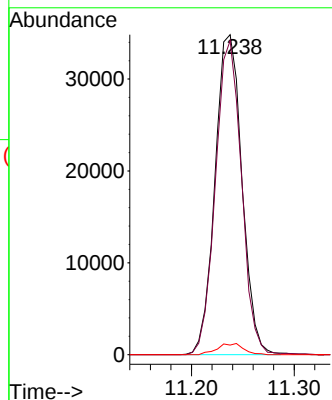
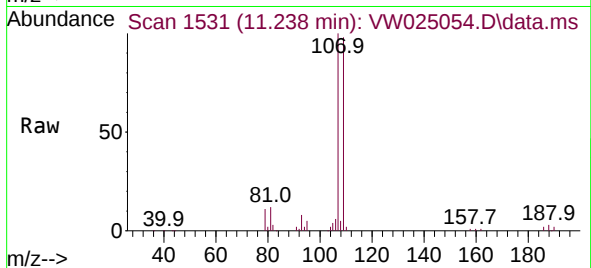
Tgt Ion:107 Resp: 63474

Ion Ratio Lower Upper

107 100

109 98.1 64.5 119.7

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 25.708 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

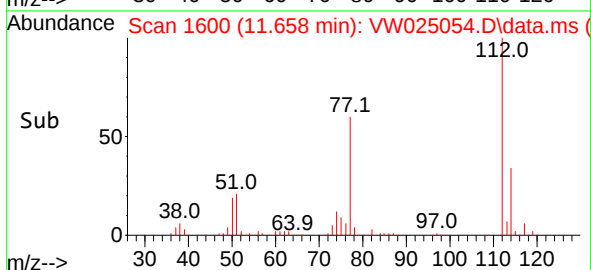
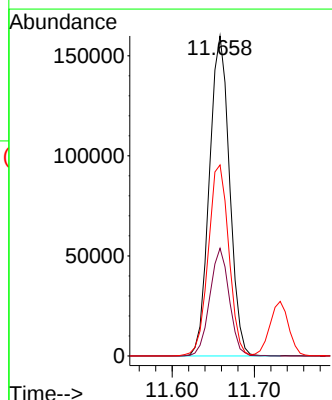
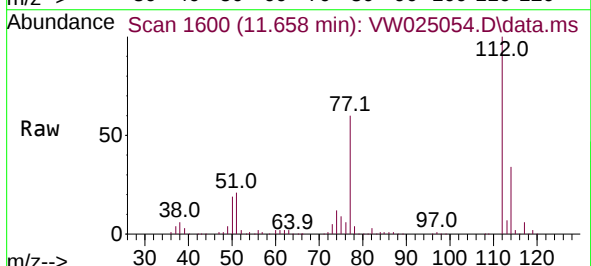
Tgt Ion:112 Resp: 271784

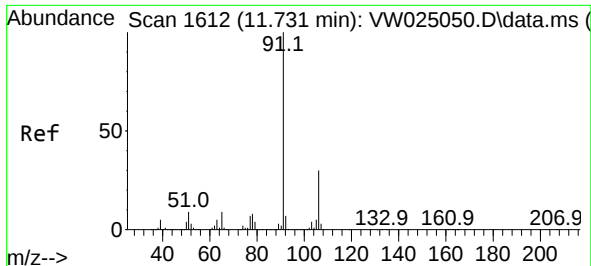
Ion Ratio Lower Upper

112 100

114 33.7 20.8 38.6

77 59.7 48.2 72.2

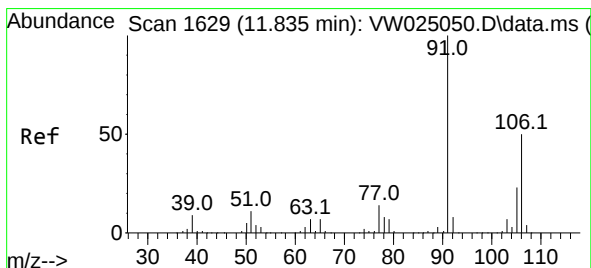
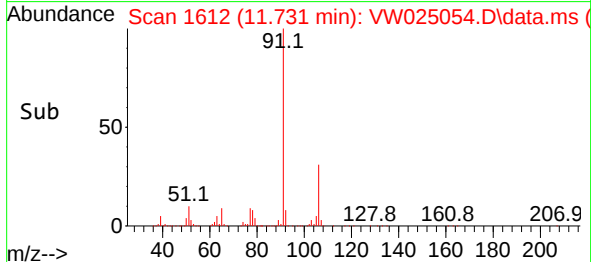
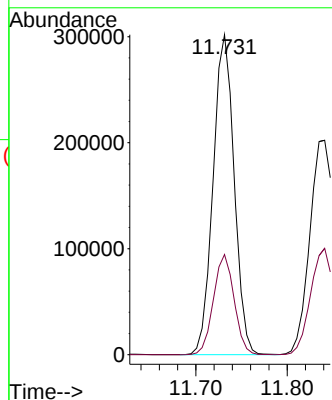
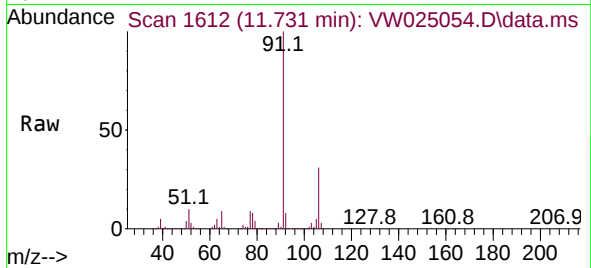




#52
Ethylbenzene
Concen: 25.684 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

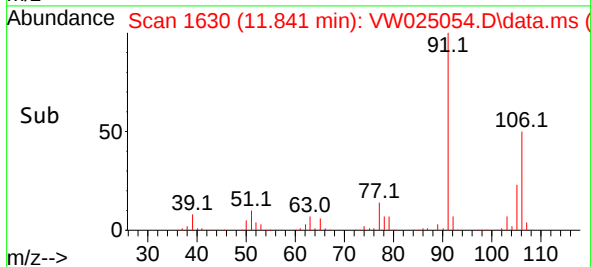
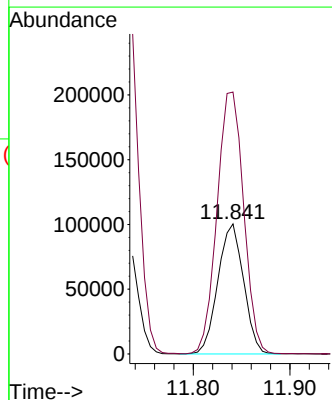
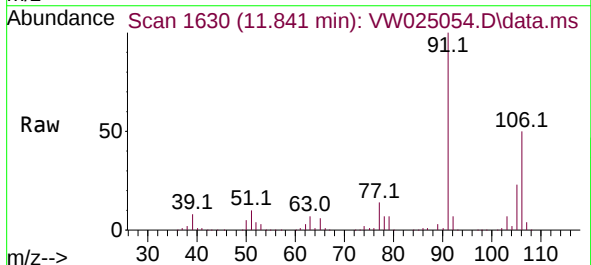
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

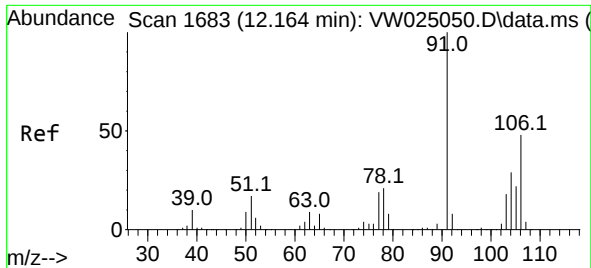
Tgt Ion: 91 Resp: 483538
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5



#53
m,p-Xylene
Concen: 25.343 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:106 Resp: 184686
Ion Ratio Lower Upper
106 100
91 201.5 143.9 267.2

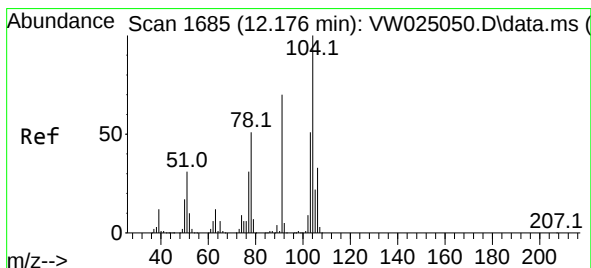
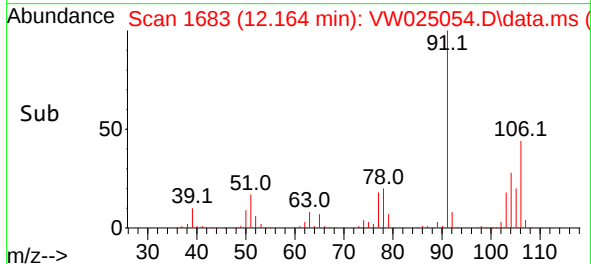
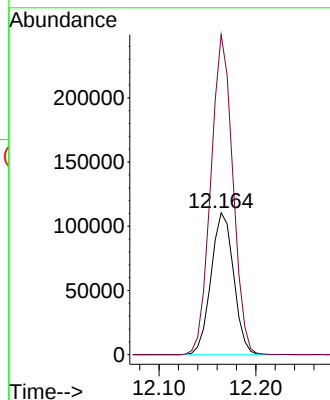
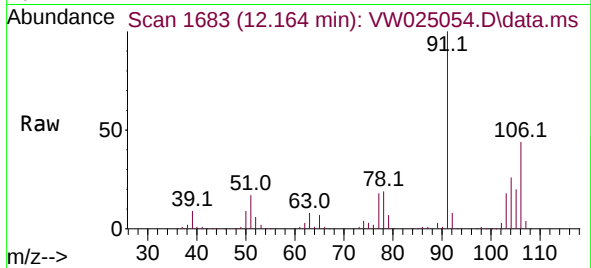




#54
o-Xylene
Concen: 26.135 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

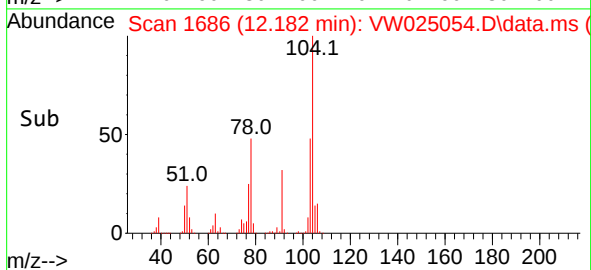
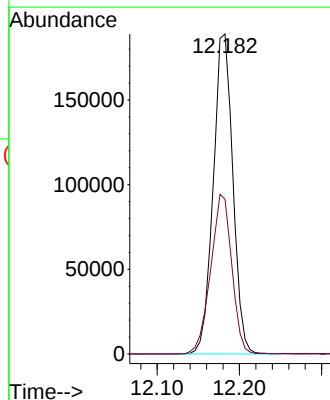
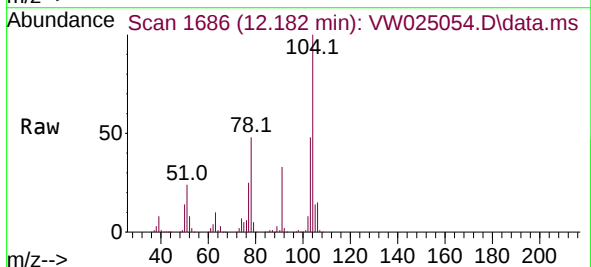
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

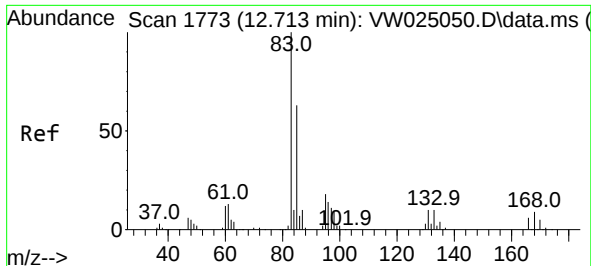
Tgt Ion:106 Resp: 179678
Ion Ratio Lower Upper
106 100
91 225.5 153.5 285.1



#55
Styrene
Concen: 26.243 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:104 Resp: 313366
Ion Ratio Lower Upper
104 100
78 48.4 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 23.303 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

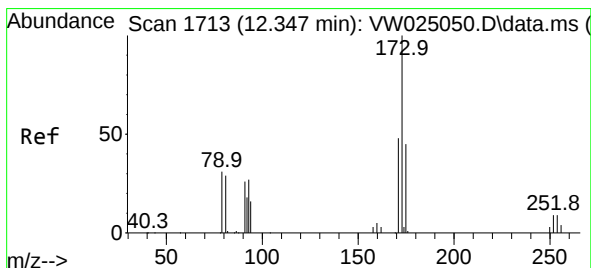
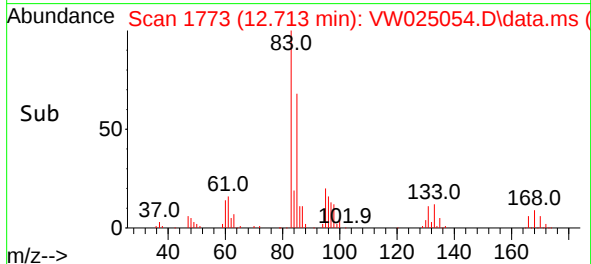
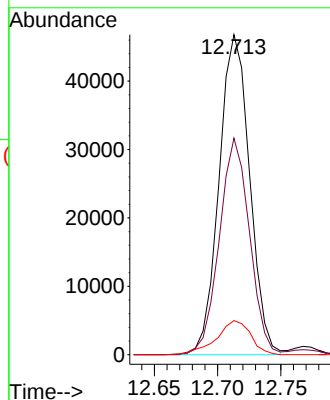
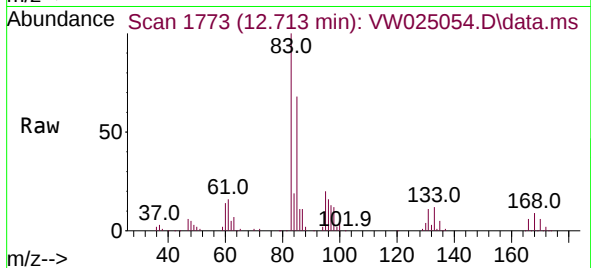
Tgt Ion: 83 Resp: 78702

Ion Ratio Lower Upper

83 100

85 67.7 46.4 86.2

131 10.7 8.2 12.4



#59

Bromoform

Concen: 24.535 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

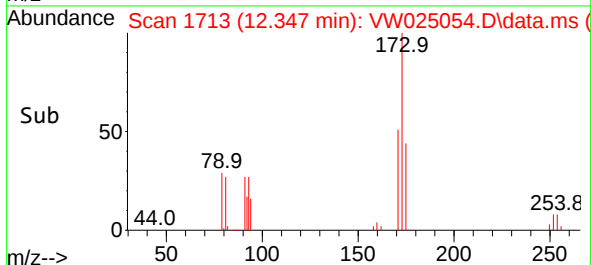
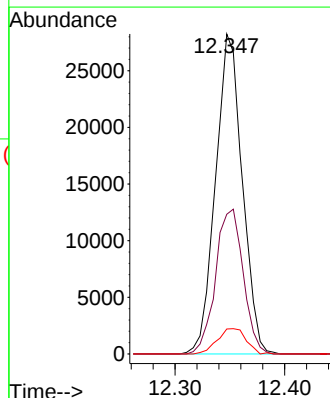
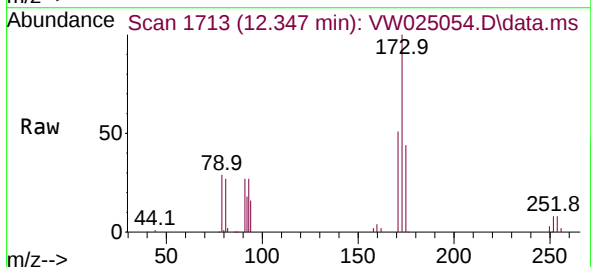
Tgt Ion: 173 Resp: 47830

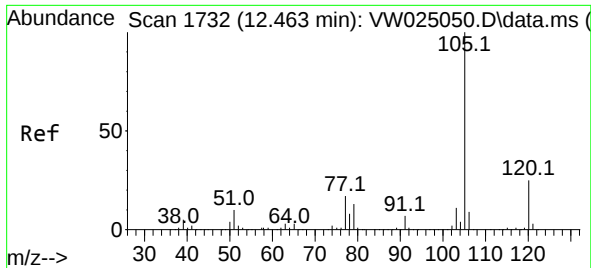
Ion Ratio Lower Upper

173 100

175 46.8 37.4 56.2

254 8.5 5.8 8.8

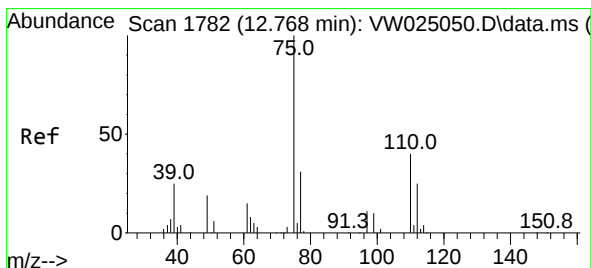
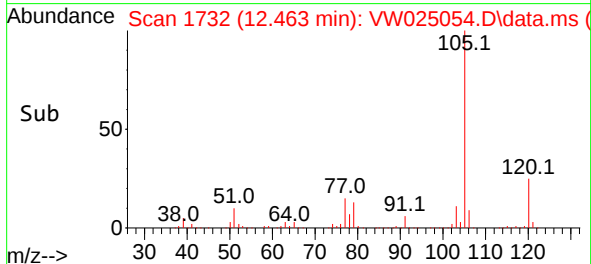
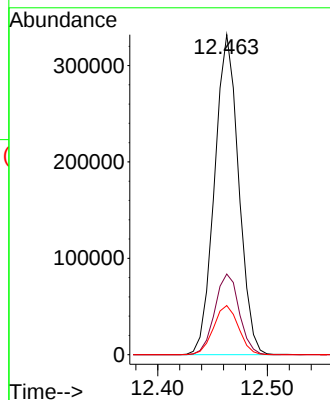
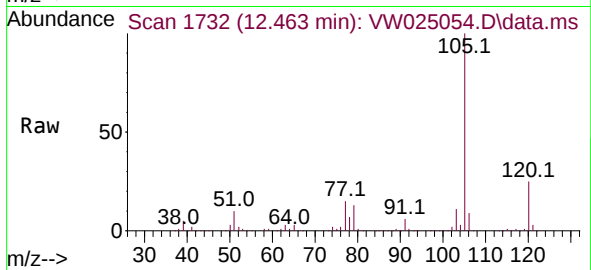




#60
Isopropylbenzene
Concen: 24.509 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

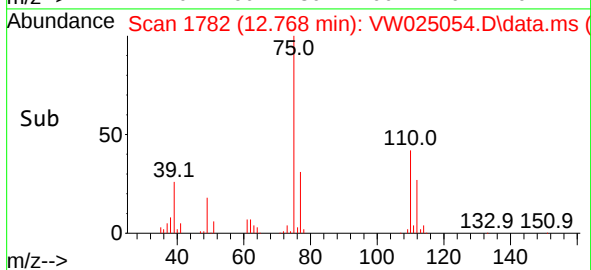
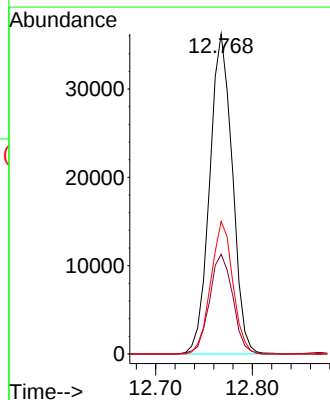
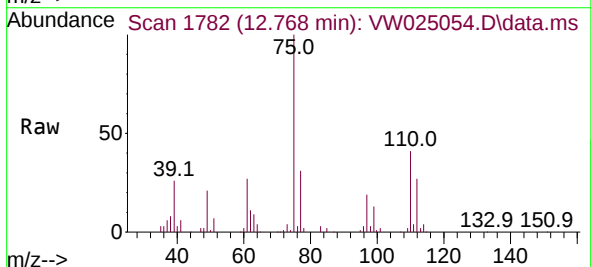
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

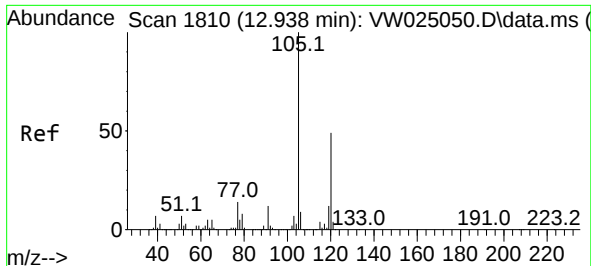
Tgt Ion:105 Resp: 507872
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 15.9 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 21.312 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion: 75 Resp: 59013
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 40.3 31.7 47.5

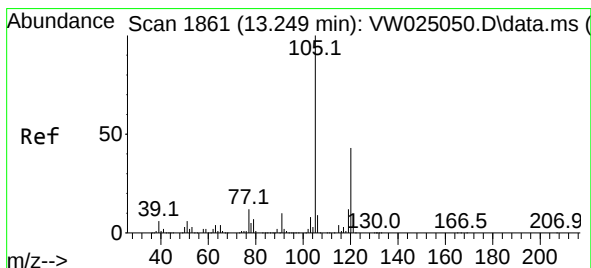
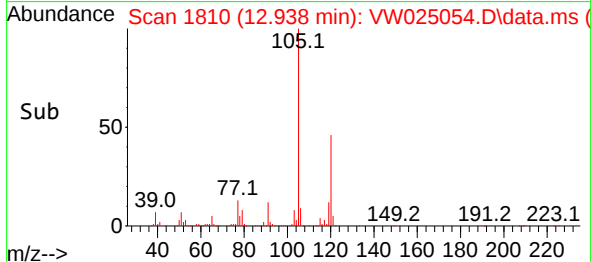
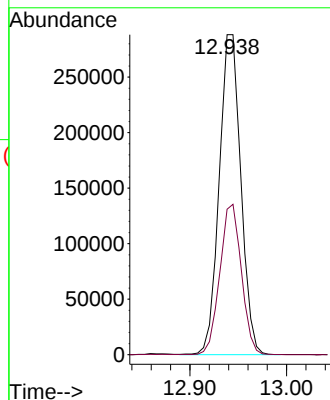
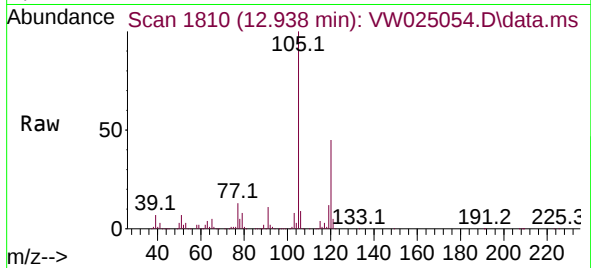




#62
1,3,5-Trimethylbenzene
Concen: 24.856 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

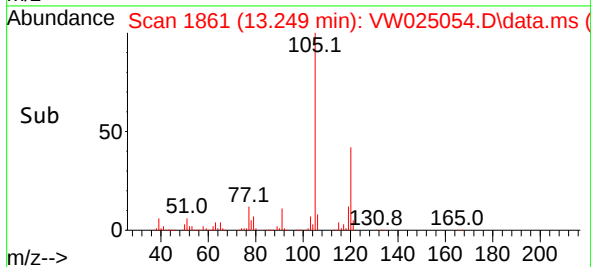
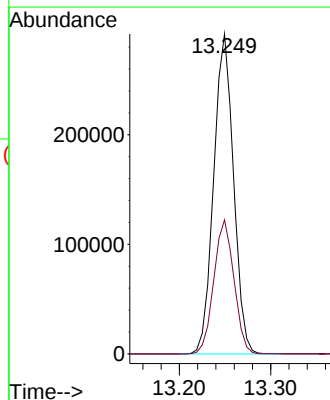
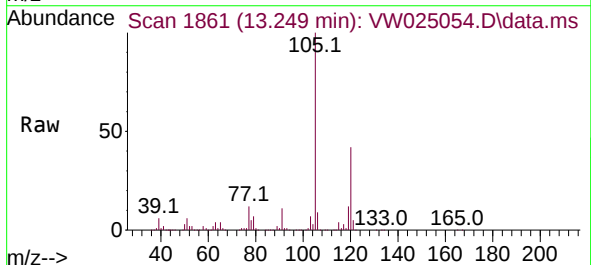
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

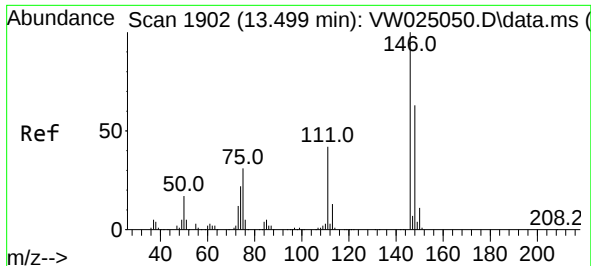
Tgt Ion:105 Resp: 447106
Ion Ratio Lower Upper
105 100
120 46.8 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 25.019 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:105 Resp: 441314
Ion Ratio Lower Upper
105 100
120 42.5 35.7 53.5

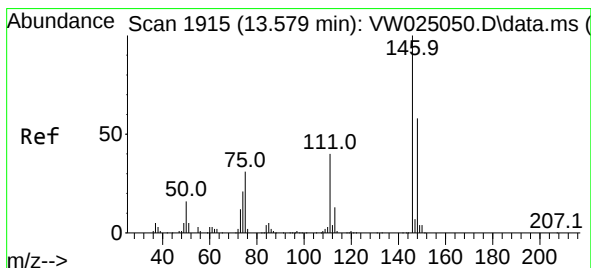
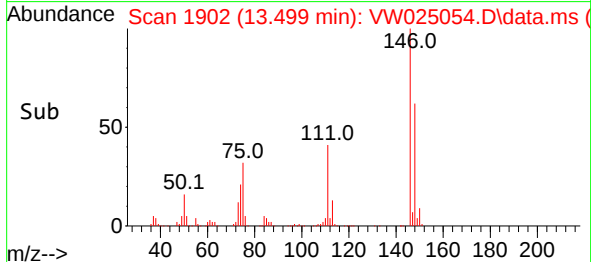
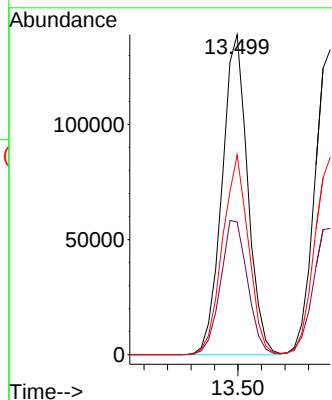
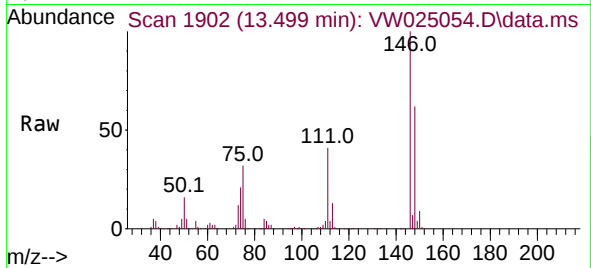




#64
1,3-Dichlorobenzene
Concen: 24.390 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

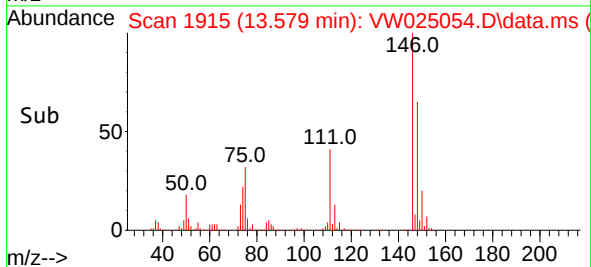
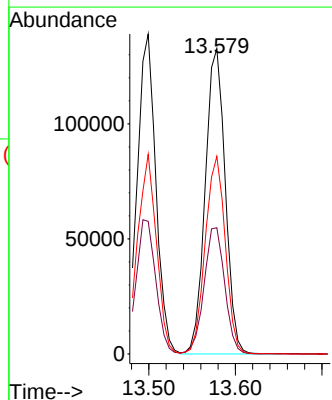
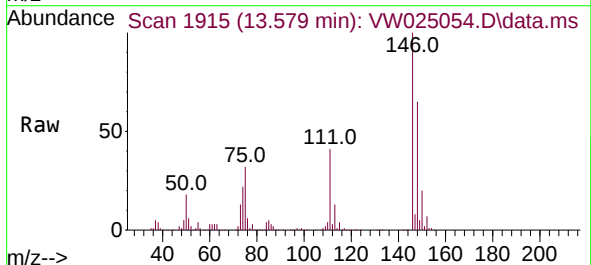
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

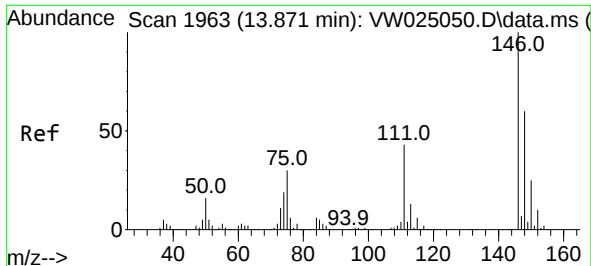
Tgt Ion:146 Resp: 210786
Ion Ratio Lower Upper
146 100
111 41.4 31.1 57.7
148 62.4 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 24.705 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:146 Resp: 213047
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.6
148 64.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.826 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

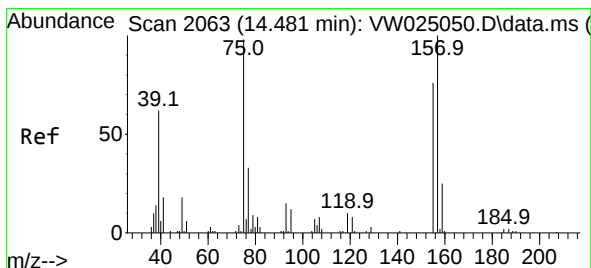
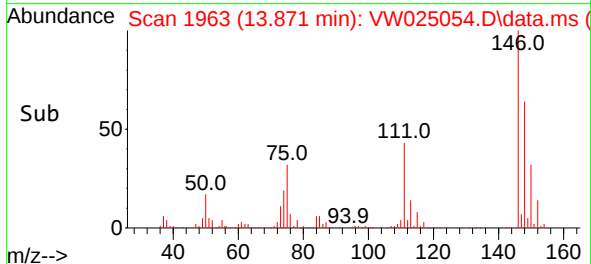
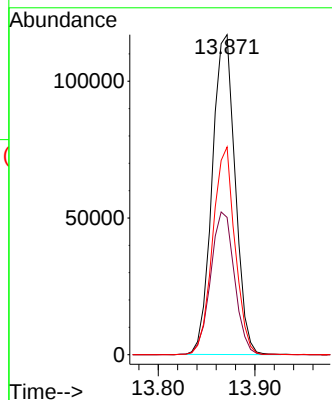
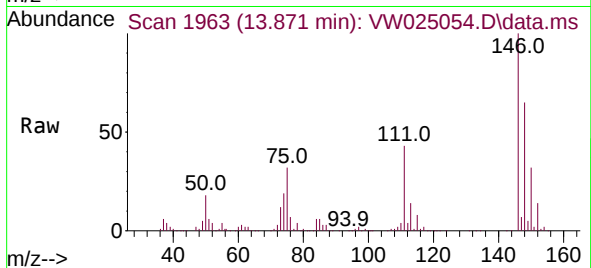
Tgt Ion:146 Resp: 192913

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.4

148 64.9 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 21.945 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

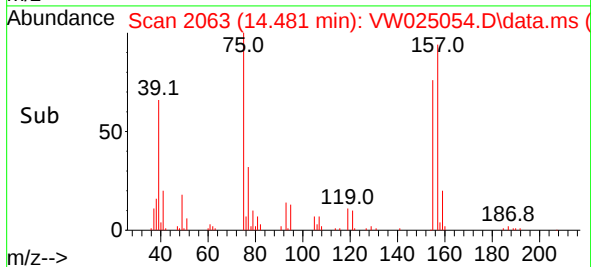
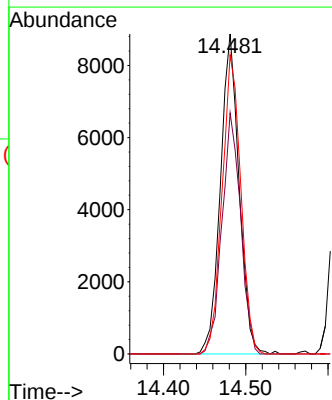
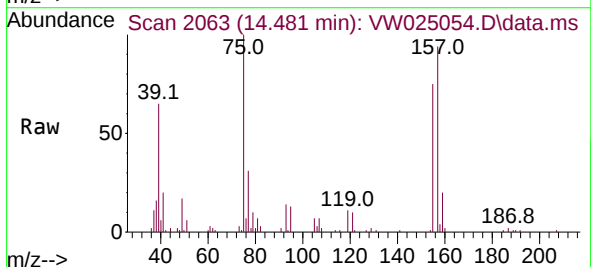
Tgt Ion: 75 Resp: 14043

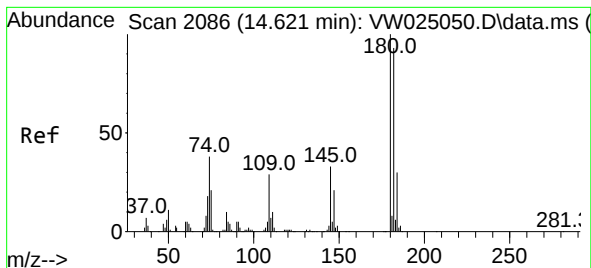
Ion Ratio Lower Upper

75 100

155 75.4 61.2 91.8

157 93.5 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 25.840 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

Tgt Ion:180 Resp: 147917

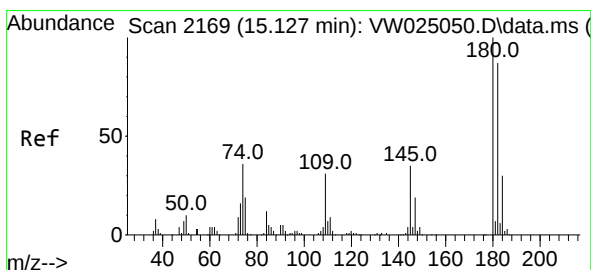
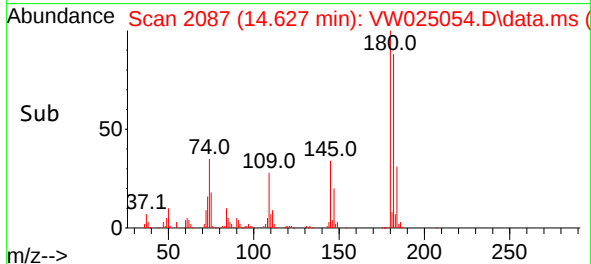
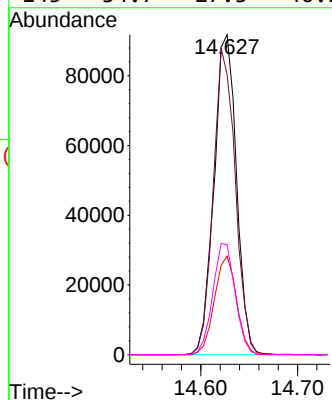
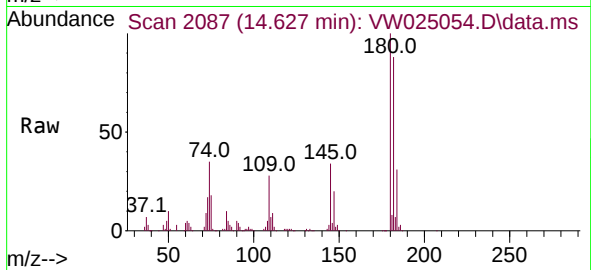
Ion Ratio Lower Upper

180 100

182 93.9 75.7 113.5

184 30.3 23.4 35.2

145 34.7 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 26.847 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025054.D

Acq: 15 Nov 2022 12:15

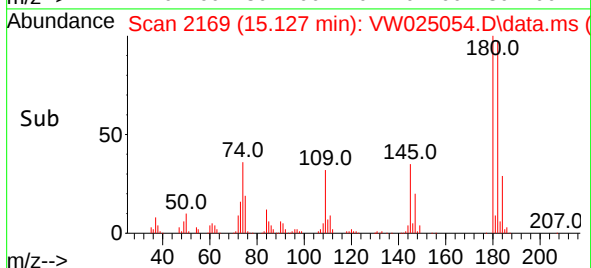
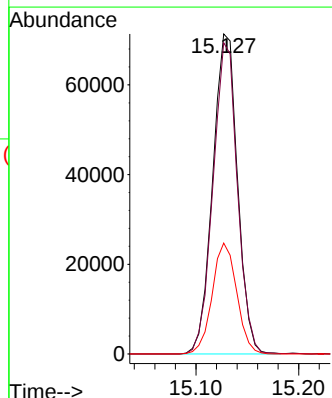
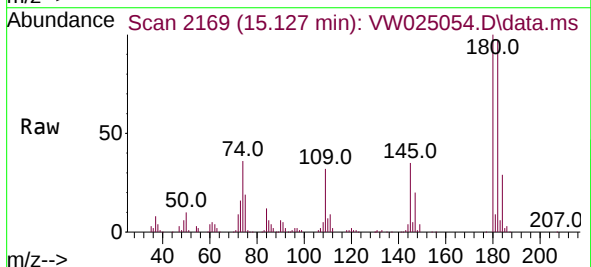
Tgt Ion:180 Resp: 119449

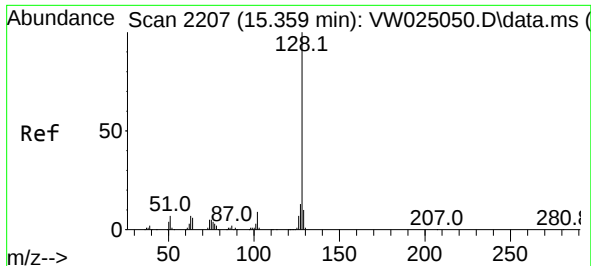
Ion Ratio Lower Upper

180 100

182 95.6 74.9 112.3

145 34.3 27.0 40.4

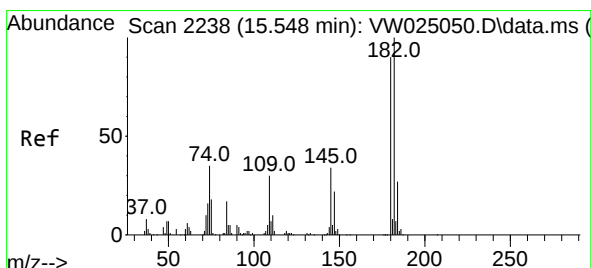
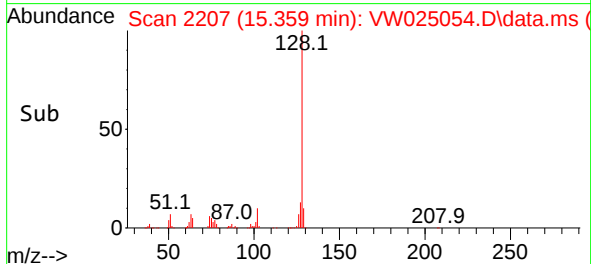
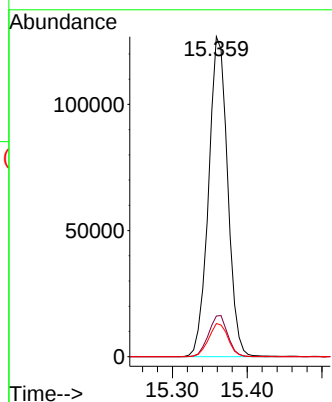
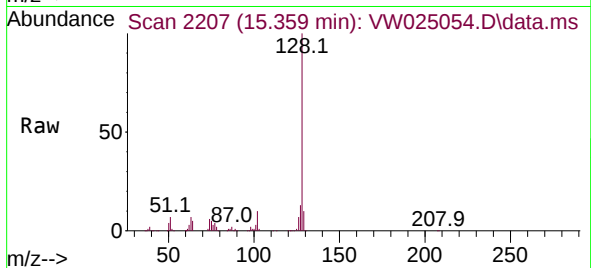




#71
Naphthalene
Concen: 23.937 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

Tgt Ion:128 Resp: 224663
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.5 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.088 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW025054.D
Acq: 15 Nov 2022 12:15

Tgt Ion:180 Resp: 101135
Ion Ratio Lower Upper
180 100
182 92.4 74.1 111.1
145 36.9 28.2 42.2

