

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111722\
 Data File : VW025070.D
 Acq On : 17 Nov 2022 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025501

Quant Time: Nov 17 23:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 00:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	405457	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111667	22.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.400%
7) Chloroethane-d5	2.892	69	87466	29.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.560%
11) 1,1-Dichloroethene-d2	4.019	63	280833	22.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.280%
21) 2-Butanone-d5	7.080	46	93906	55.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
24) Chloroform-d	7.647	84	344573	25.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.305	65	174885	23.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.520%
32) Benzene-d6	8.275	84	670299	25.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.160%
36) 1,2-Dichloropropane-d6	9.275	67	206193	27.078	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.320%
41) Toluene-d8	10.323	98	593530	24.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.579	79	81615	24.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.927	63	73785	56.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	165835	27.275	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	196800	25.719	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	28275	19.046	ug/L	97
3) Chloromethane	2.221	50	106223	29.748	ug/L	94
5) Vinyl chloride	2.367	62	149985	30.400	ug/L	93
6) Bromomethane	2.782	94	72111	29.288	ug/L	93
8) Chloroethane	2.928	64	71195	34.593	ug/L	100
9) Trichlorofluoromethane	3.263	101	98716	23.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	154912	26.431	ug/L	97
12) 1,1-Dichloroethene	4.044	96	147138	26.649	ug/L	78
13) Acetone	4.129	43	63170	52.737	ug/L	99
14) Carbon disulfide	4.385	76	391827	24.294	ug/L	97
15) Methyl Acetate	4.678	43	65183	27.333	ug/L	98
16) Methylene chloride	4.922	84	168903	21.372	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	154406	26.117	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	256430	25.857	ug/L	98
19) 1,1-Dichloroethane	6.220	63	302929	27.676	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	176844	27.444	ug/L	100
22) 2-Butanone	7.171	43	88776	49.467	ug/L	100
23) Bromochloromethane	7.519	128	74415	26.638	ug/L	97
25) Chloroform	7.677	83	307755	26.641	ug/L	98

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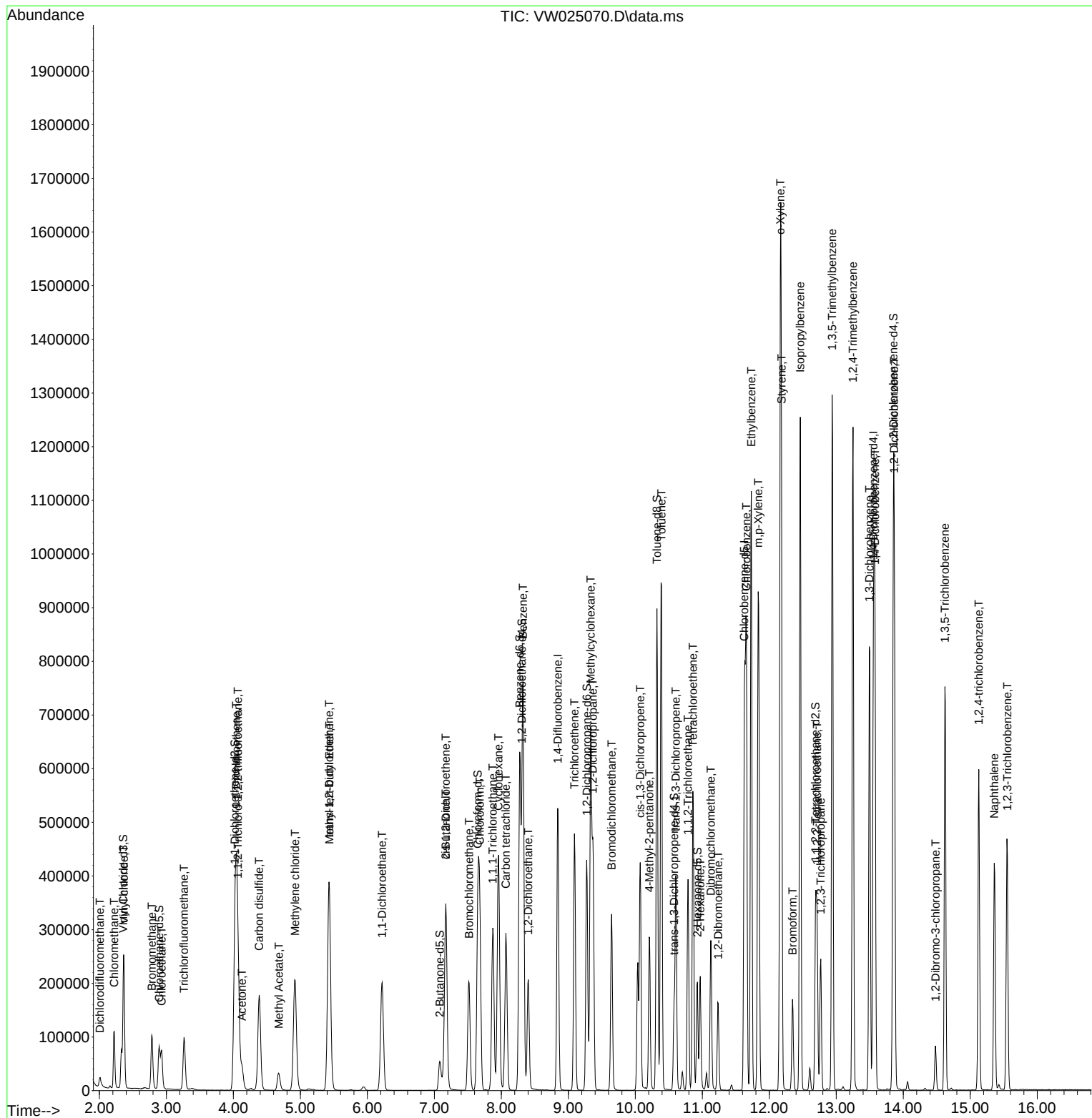
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	190003	24.248	ug/L	96
29) Cyclohexane	7.958	56	255545	26.692	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	250673	25.264	ug/L	98
31) Carbon tetrachloride	8.067	117	221286	24.958	ug/L	97
33) Benzene	8.324	78	671689	27.510	ug/L	100
34) Trichloroethene	9.092	95	171093	26.471	ug/L	95
35) Methylcyclohexane	9.336	83	284575	25.911	ug/L	99
37) 1,2-Dichloropropane	9.366	63	171065	28.866	ug/L	100
38) Bromodichloromethane	9.646	83	223324	27.001	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	261879	27.953	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	185304	53.285	ug/L	98
42) Toluene	10.390	91	714363	27.559	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	222937	26.767	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	125184	27.978	ug/L	99
46) Tetrachloroethene	10.860	164	121448	26.273	ug/L	95
48) 2-Hexanone	10.969	43	128773	53.543	ug/L	99
49) Dibromochloromethane	11.128	129	145967	26.762	ug/L	96
50) 1,2-Dibromoethane	11.238	107	114166	26.979	ug/L	97
51) Chlorobenzene	11.658	112	455067	27.084	ug/L	98
52) Ethylbenzene	11.731	91	797847	26.665	ug/L	99
53) m,p-Xylene	11.835	106	308445	26.631	ug/L	97
54) o-Xylene	12.164	106	290870	26.620	ug/L	97
55) Styrene	12.183	104	507715	26.752	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	147472	27.474	ug/L	98
59) Bromoform	12.347	173	77423	27.492	ug/L	99
60) Isopropylbenzene	12.463	105	811632	27.113	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105597	26.397	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	697401	26.837	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	675071	26.492	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	335329	26.858	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	342019	27.454	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	305852	27.245	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22186	24.000	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	229097	27.704	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	176291	27.428	ug/L	99
71) Naphthalene	15.359	128	358472	26.438	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	149948	26.774	ug/L	98

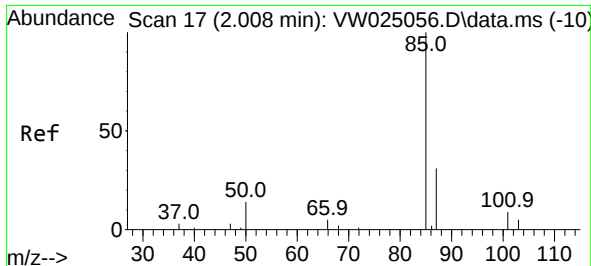
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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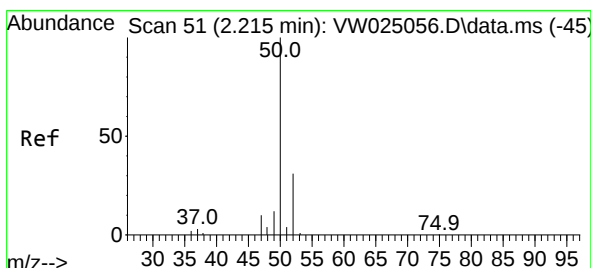
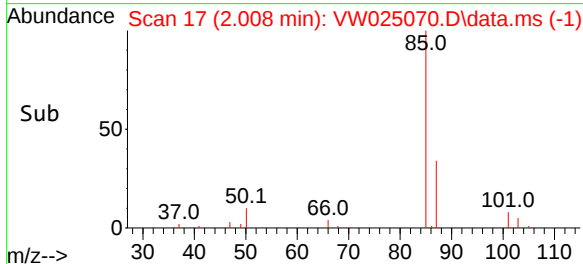
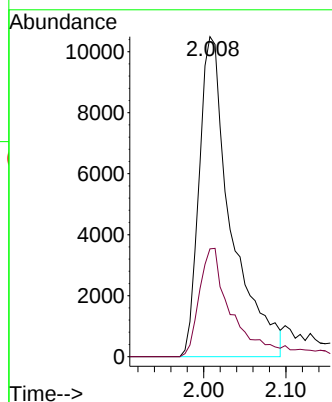
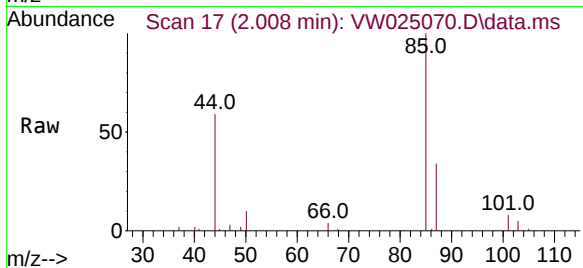




#2
 Dichlorodifluoromethane
 Concen: 19.046 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025070.D
 Acq: 17 Nov 2022 09:36

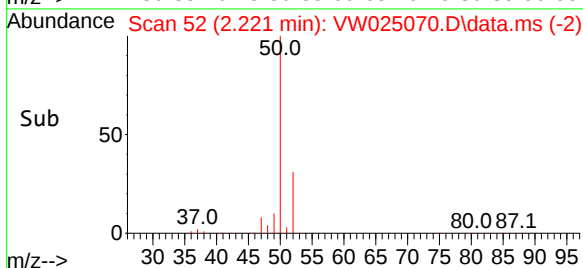
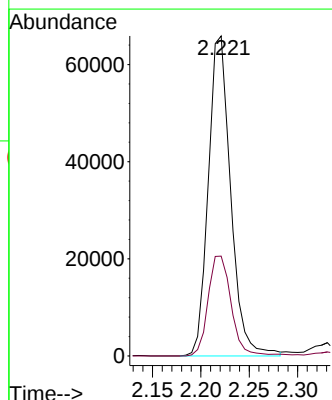
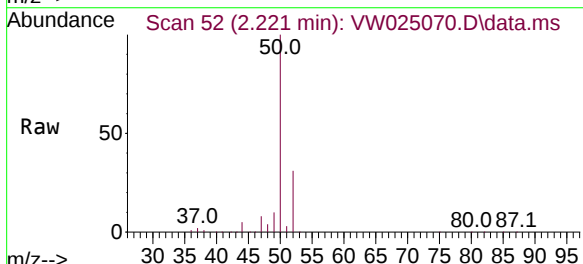
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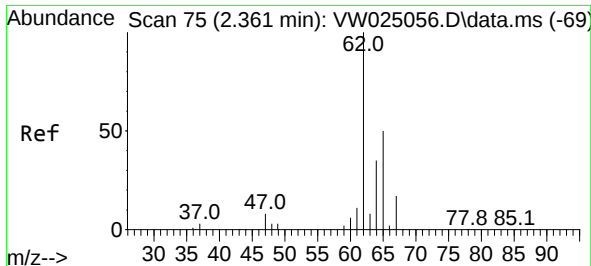
Tgt Ion: 85 Resp: 28275
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.9 38.9



#3
 Chloromethane
 Concen: 29.748 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW025070.D
 Acq: 17 Nov 2022 09:36

Tgt Ion: 50 Resp: 106223
 Ion Ratio Lower Upper
 50 100
 52 31.2 24.1 44.8

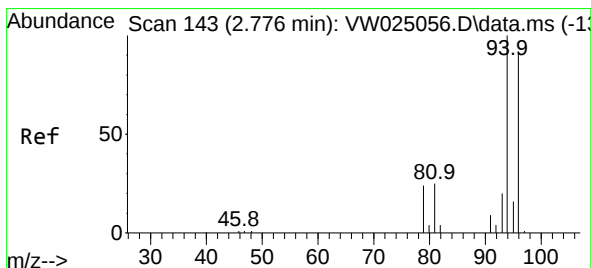
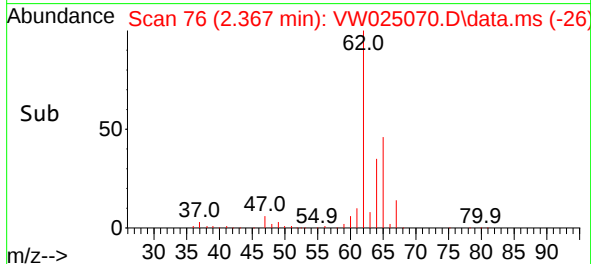
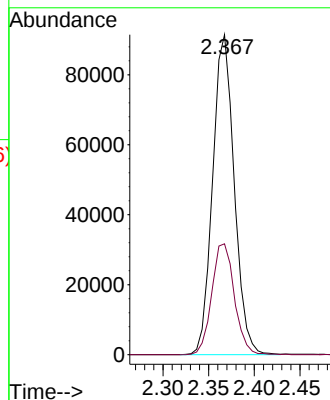
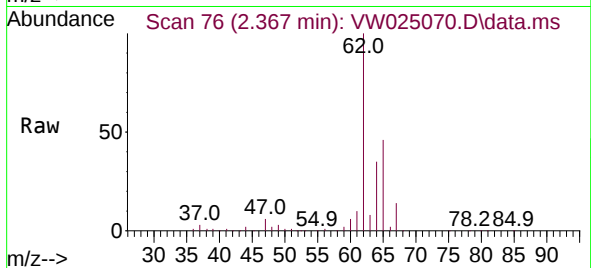




#5
 Vinyl chloride
 Concen: 30.400 ug/L
 RT: 2.367 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VW025070.D
 Acq: 17 Nov 2022 09:36

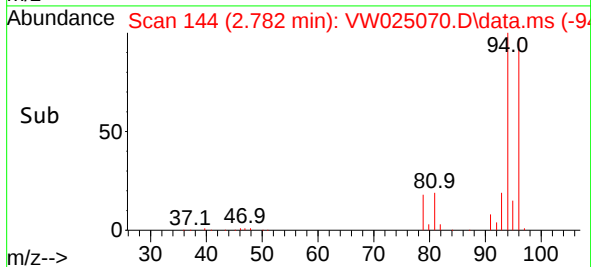
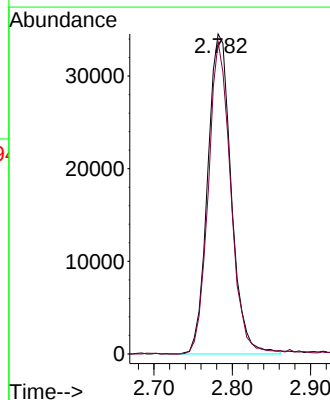
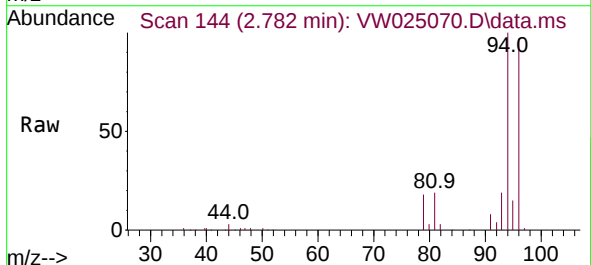
Instrument :
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 ClientSampleId :
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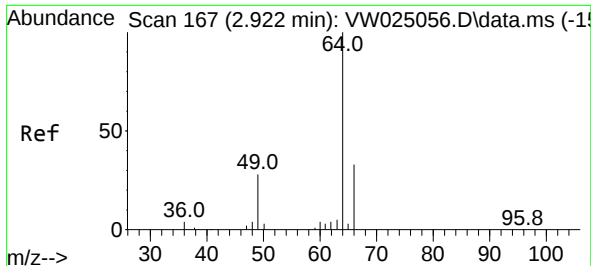
Tgt Ion: 62 Resp: 149985
 Ion Ratio Lower Upper
 62 100
 64 34.7 27.2 50.6



#6
 Bromomethane
 Concen: 29.288 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025070.D
 Acq: 17 Nov 2022 09:36

Tgt Ion: 94 Resp: 72111
 Ion Ratio Lower Upper
 94 100
 96 97.5 63.8 118.6

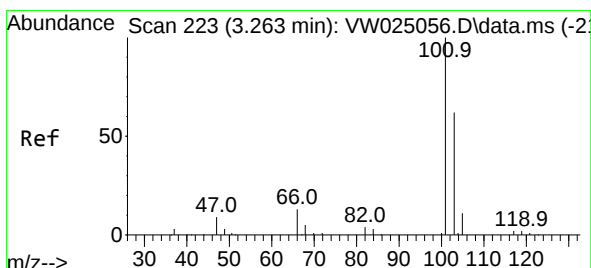
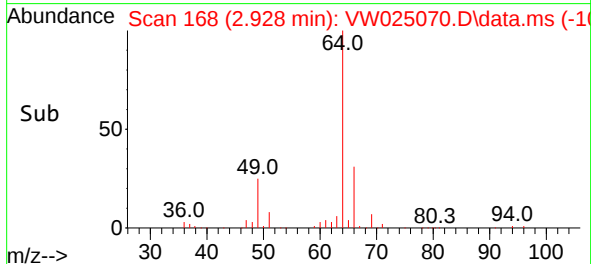
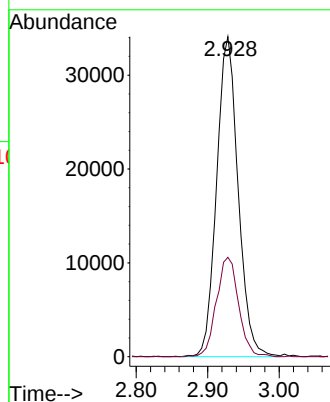
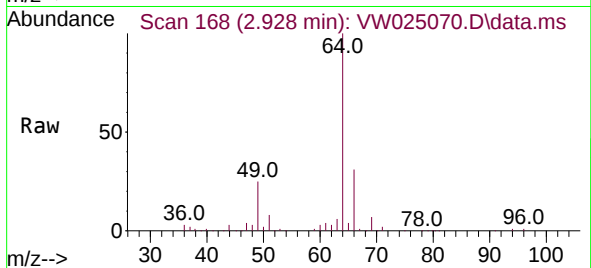




#8
Chloroethane
Concen: 34.593 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

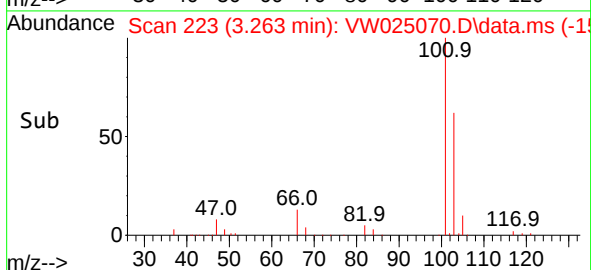
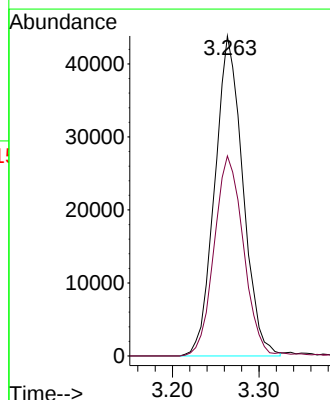
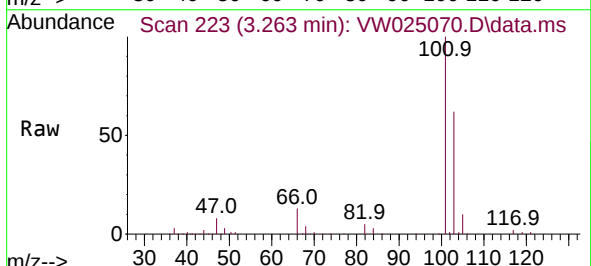
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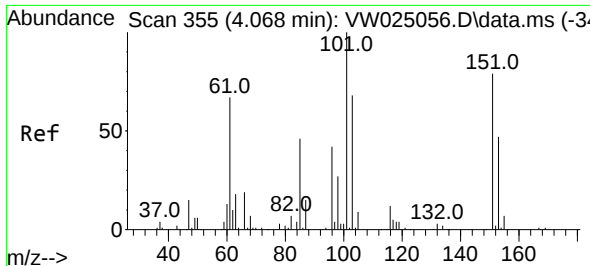
Tgt Ion: 64 Resp: 71195
Ion Ratio Lower Upper
64 100
66 31.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 23.851 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 101 Resp: 98716
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

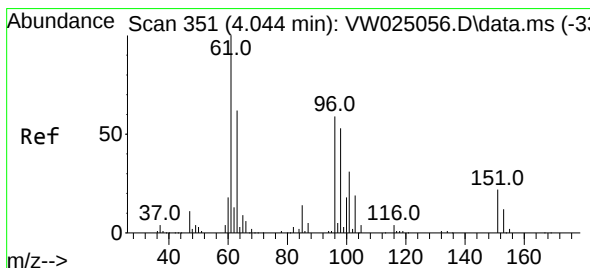
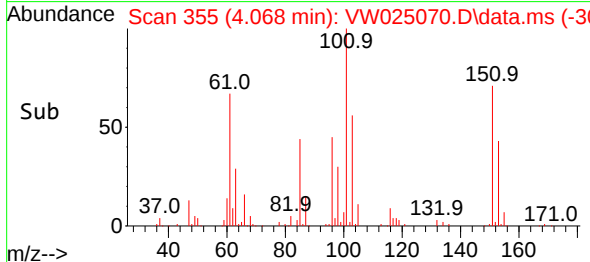
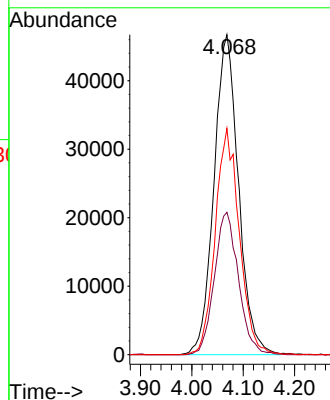
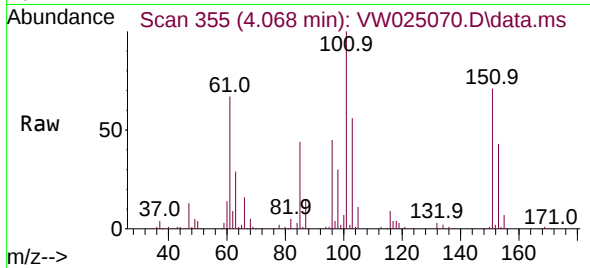




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.431 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW025070.D
 Acq: 17 Nov 2022 09:36

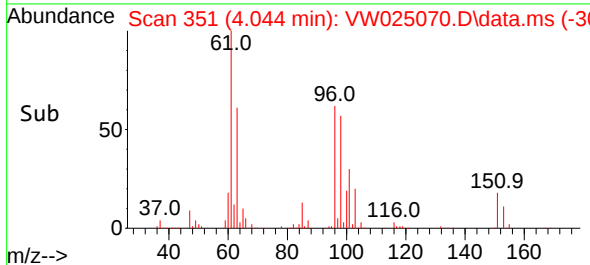
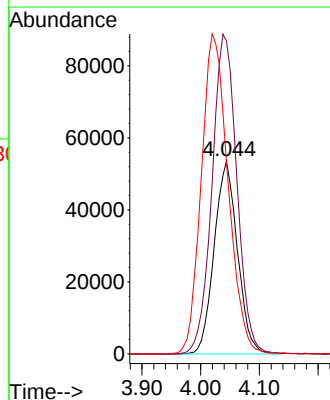
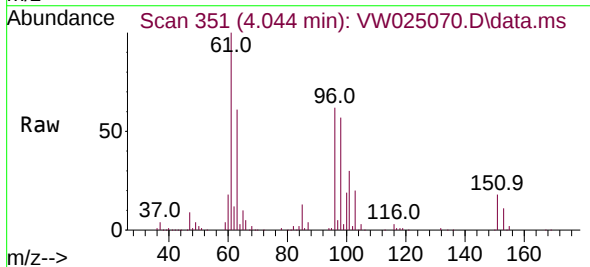
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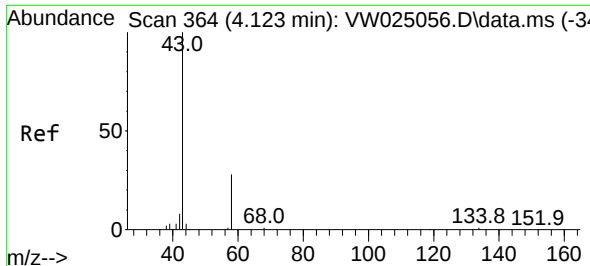
Tgt Ion:101 Resp: 154912
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.5 54.7
 151 69.4 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 26.649 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025070.D
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Tgt Ion: 96 Resp: 147138
 Ion Ratio Lower Upper
 96 100
 61 162.2 126.2 234.4
 63 99.4 98.3 182.7

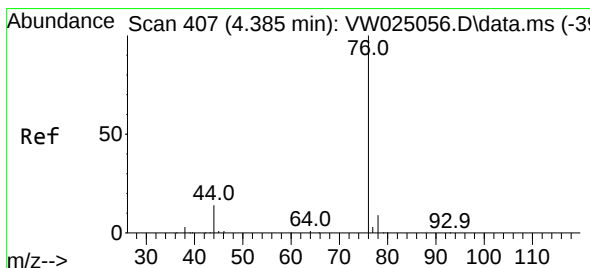
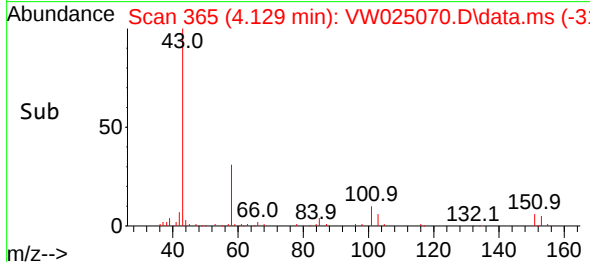
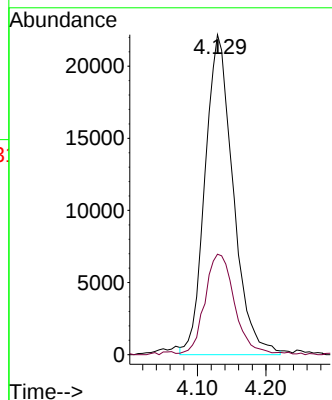
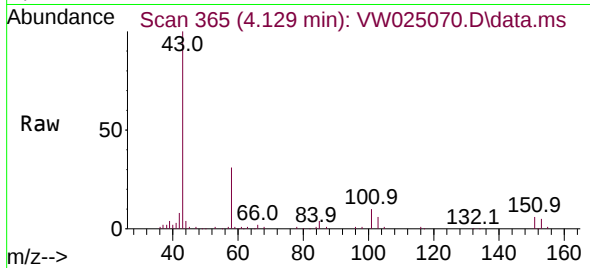




#13
Acetone
Concen: 52.737 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
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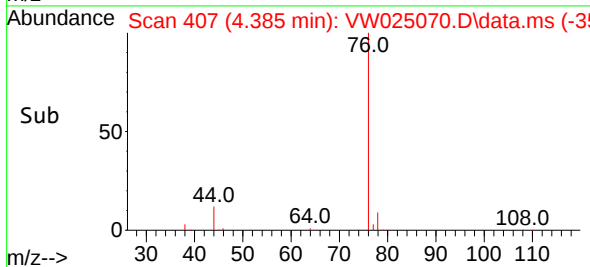
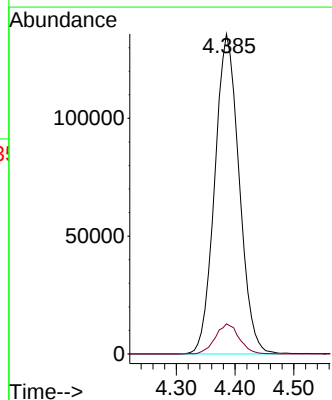
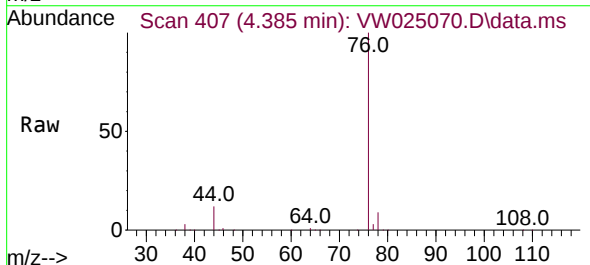
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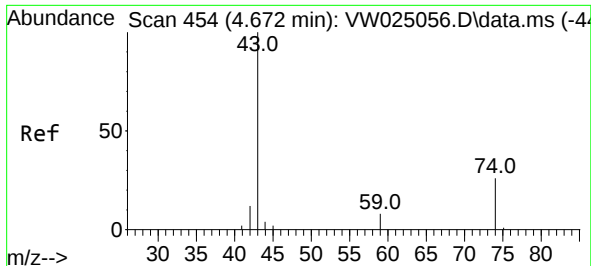
Tgt Ion: 43 Resp: 63170
Ion Ratio Lower Upper
43 100
58 33.1 0.0 65.4



#14
Carbon disulfide
Concen: 24.294 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 391827
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

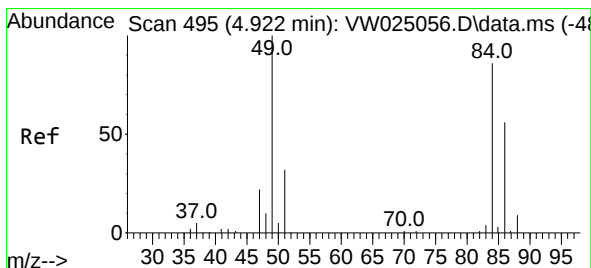
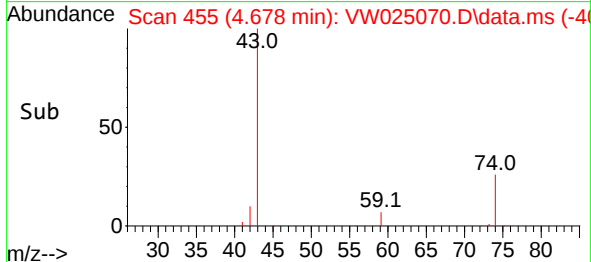
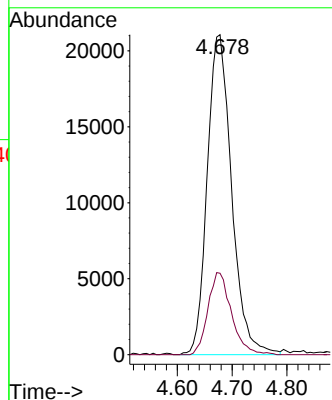
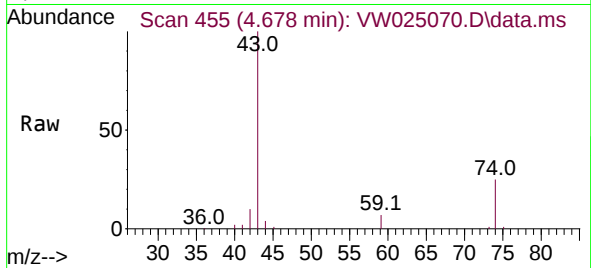




#15
Methyl Acetate
Concen: 27.333 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

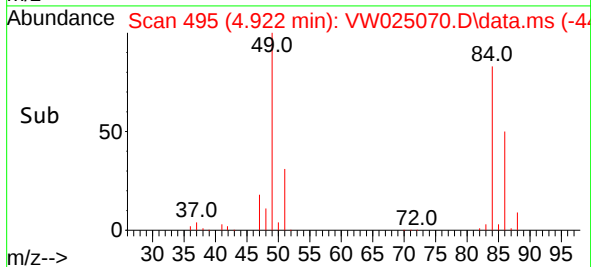
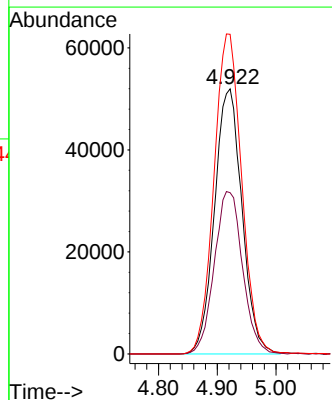
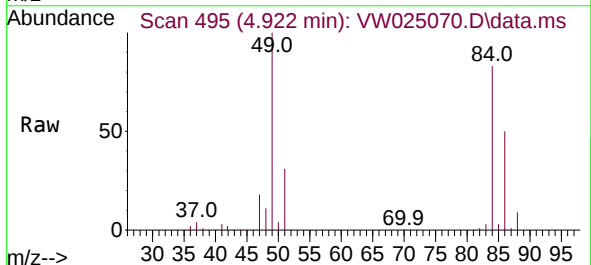
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

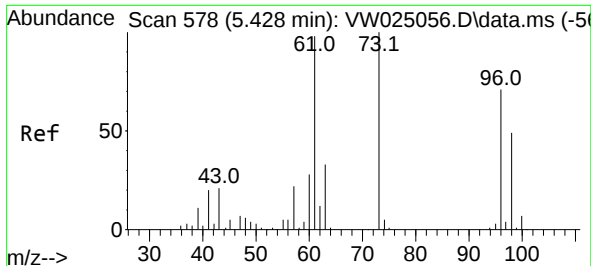
Tgt Ion: 43 Resp: 65183
Ion Ratio Lower Upper
43 100
74 24.5 20.6 30.8



#16
Methylene chloride
Concen: 21.372 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 84 Resp: 168903
Ion Ratio Lower Upper
84 100
86 60.8 42.6 79.0
49 120.6 81.9 152.1

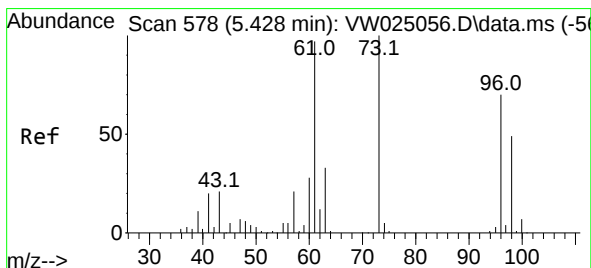
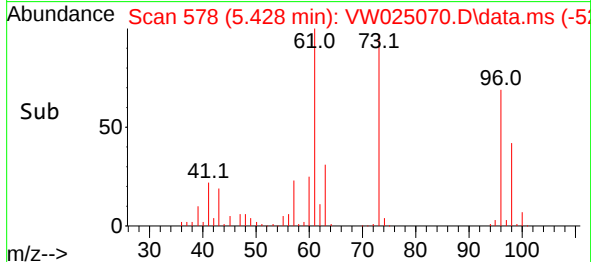
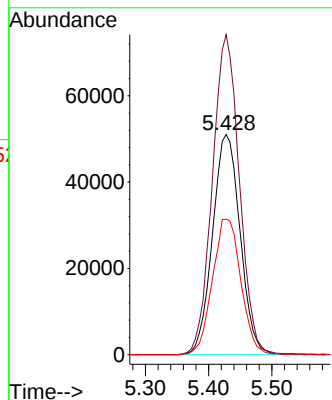
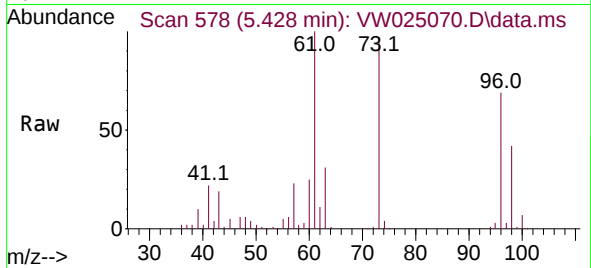




#17
trans-1,2-Dichloroethene
Concen: 26.117 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

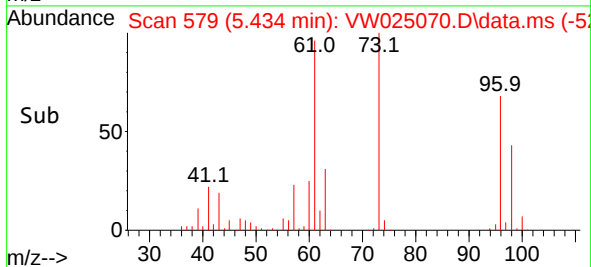
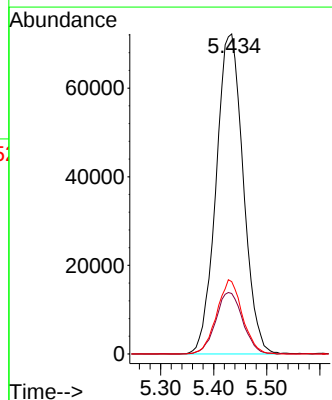
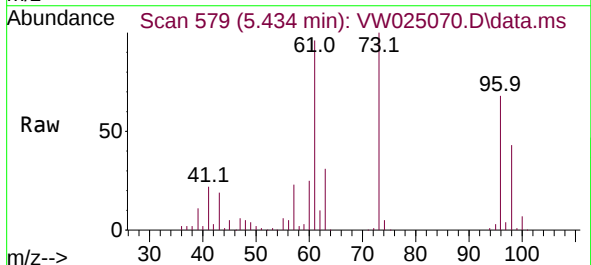
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

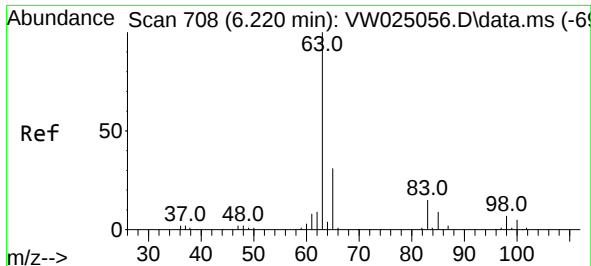
Tgt Ion: 96 Resp: 154406
Ion Ratio Lower Upper
96 100
61 145.3 97.6 181.2
98 61.6 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 25.857 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 73 Resp: 256430
Ion Ratio Lower Upper
73 100
43 19.1 16.6 24.8
57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 27.676 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

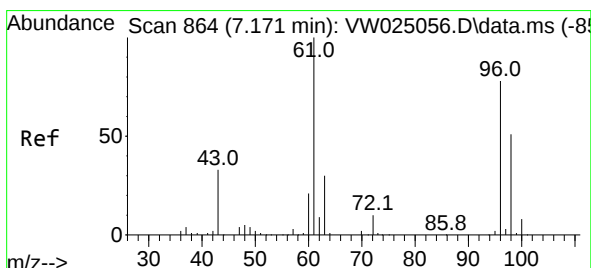
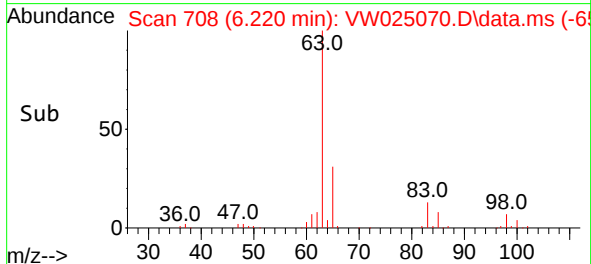
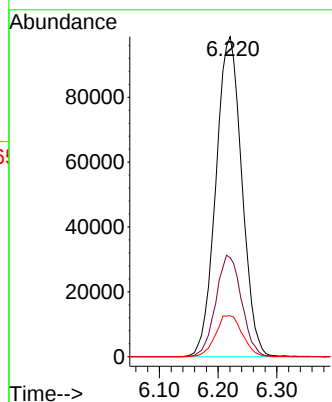
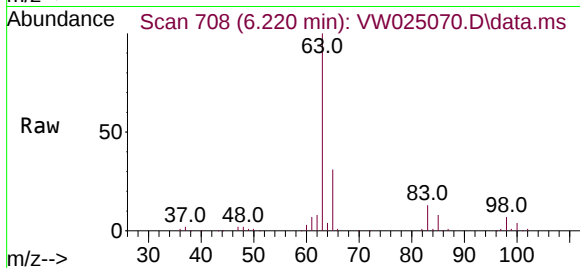
Tgt Ion: 63 Resp: 302929

Ion Ratio Lower Upper

63 100

65 30.9 22.2 41.2

83 12.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 27.444 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

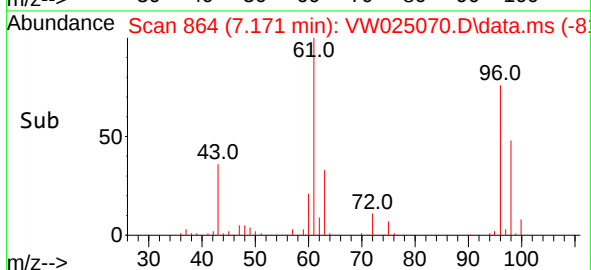
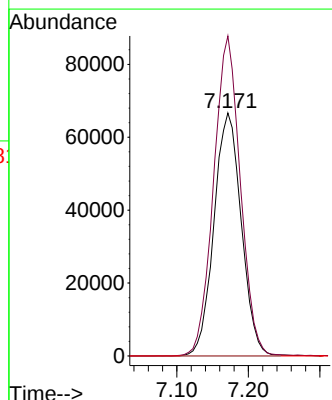
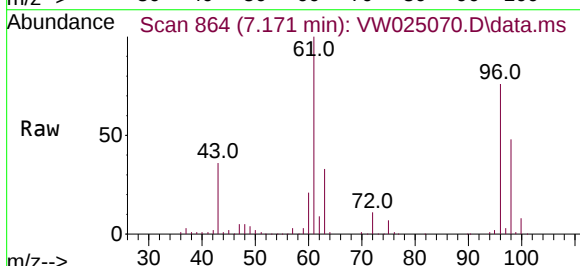
Tgt Ion: 96 Resp: 176844

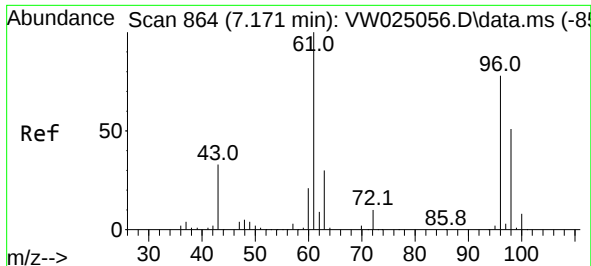
Ion Ratio Lower Upper

96 100

61 131.7 91.8 170.6

68 0.0 0.0 0.0

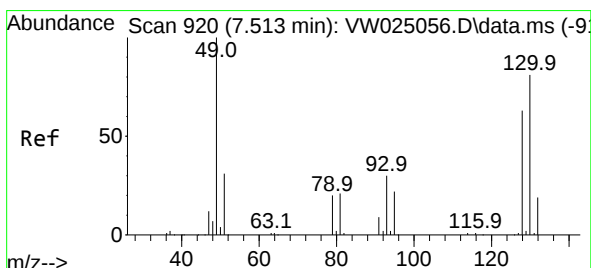
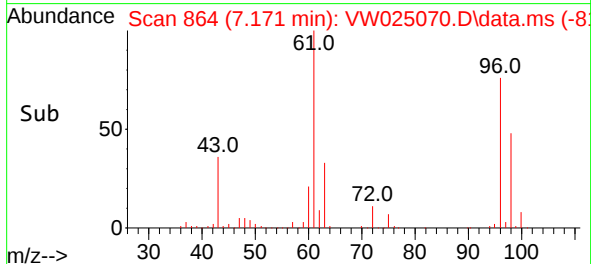
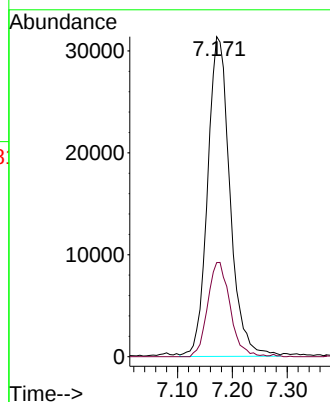
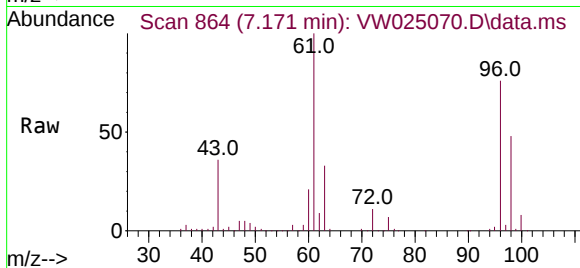




#22
2-Butanone
Concen: 49.467 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

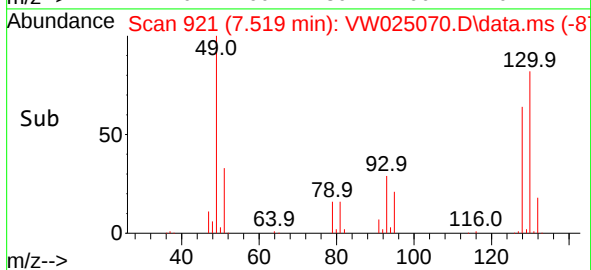
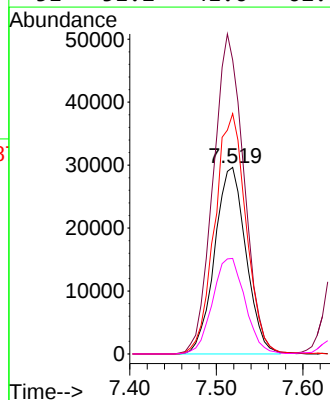
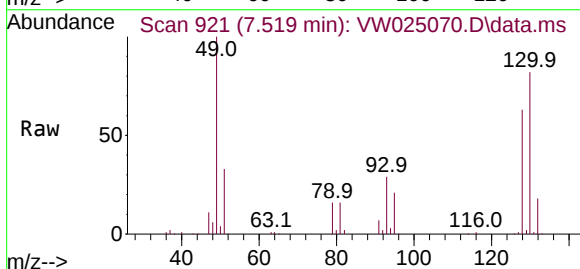
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

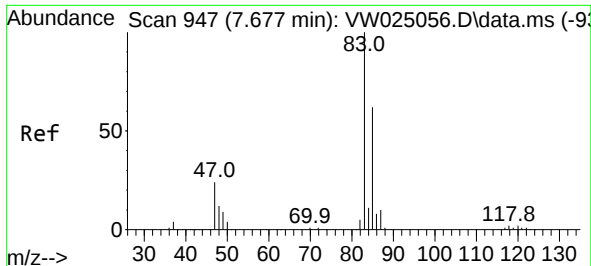
Tgt Ion: 43 Resp: 88776
Ion Ratio Lower Upper
43 100
72 29.4 14.6 44.0



#23
Bromochloromethane
Concen: 26.638 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 128 Resp: 74415
Ion Ratio Lower Upper
128 100
49 157.5 112.8 209.4
130 128.8 86.2 160.2
51 51.2 41.6 62.4

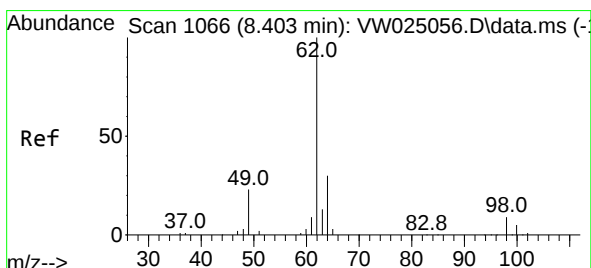
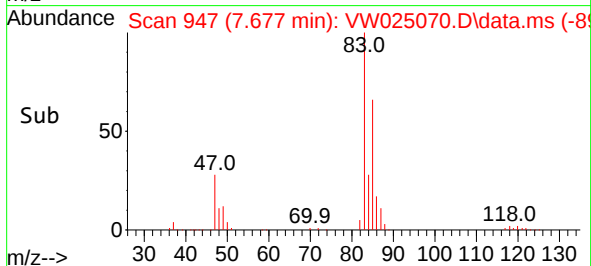
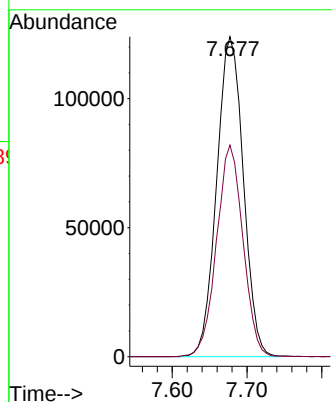
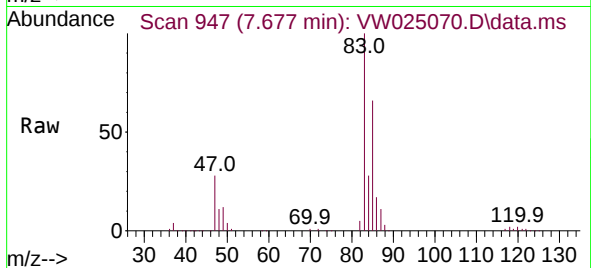




#25
Chloroform
Concen: 26.641 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

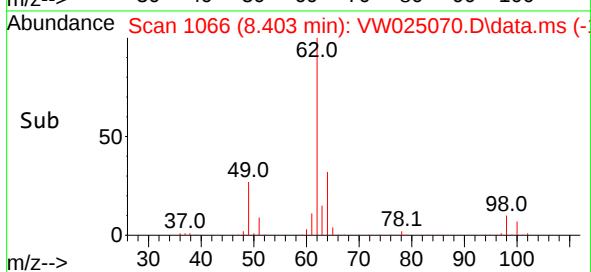
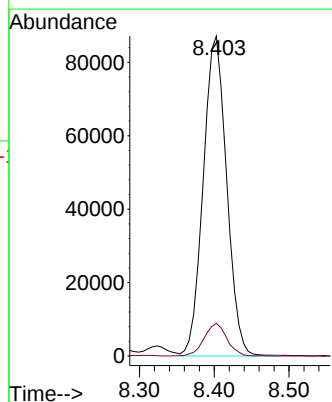
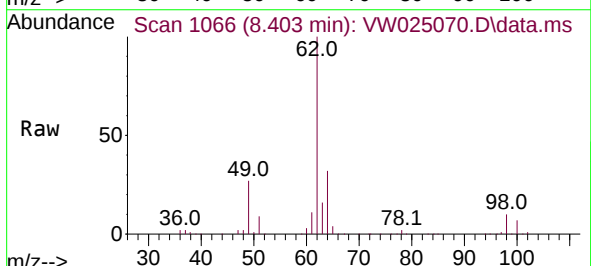
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

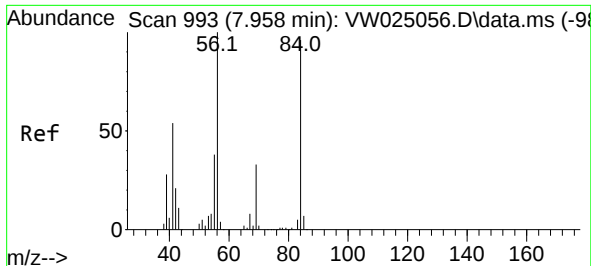
Tgt Ion: 83 Resp: 307755
Ion Ratio Lower Upper
83 100
85 66.1 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.248 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

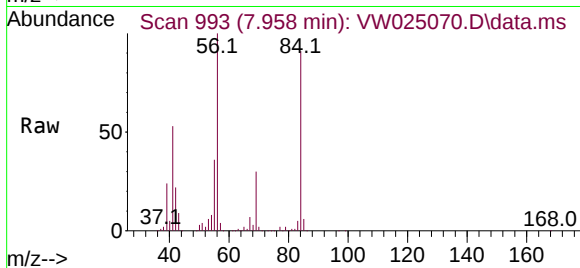
Tgt Ion: 62 Resp: 190003
Ion Ratio Lower Upper
62 100
98 10.2 7.0 10.4



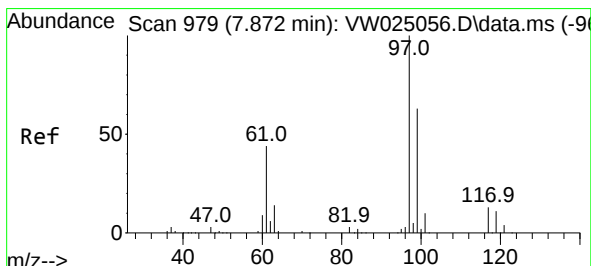
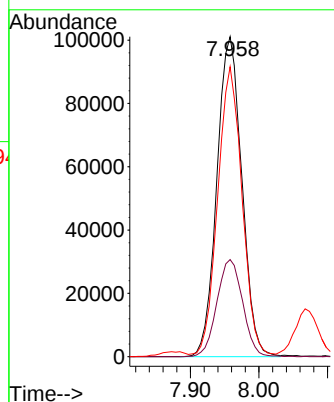
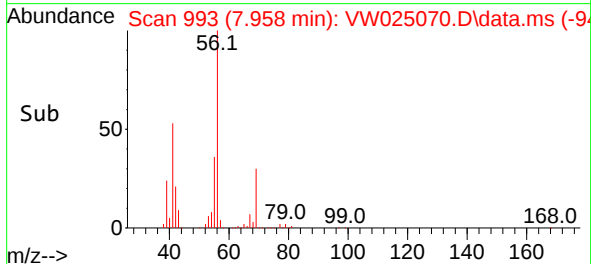


#29
Cyclohexane
Concen: 26.692 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

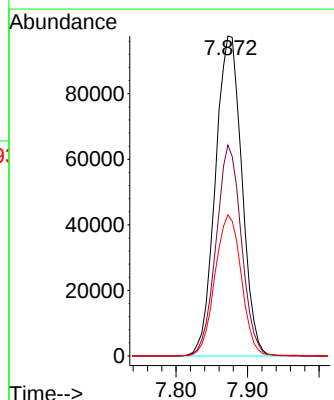
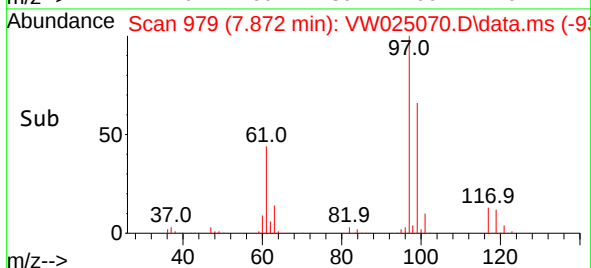
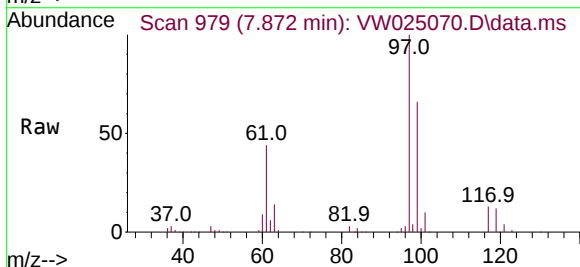


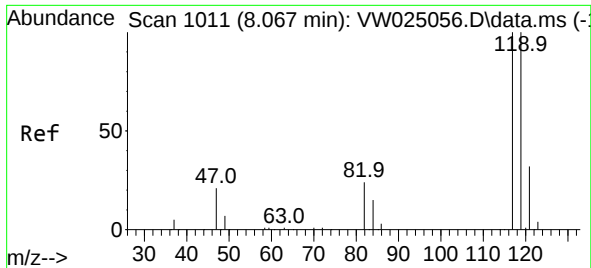
Tgt Ion: 56 Resp: 255545
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 88.7 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 25.264 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 97 Resp: 250673
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.8
61 44.0 36.6 54.8

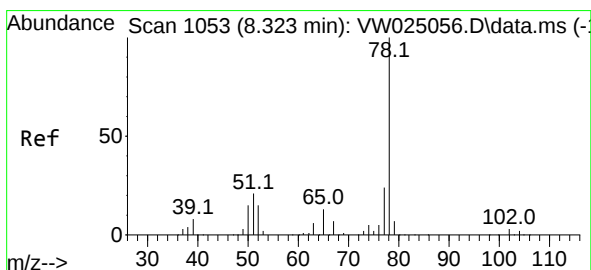
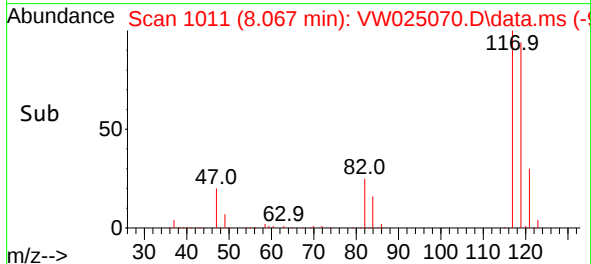
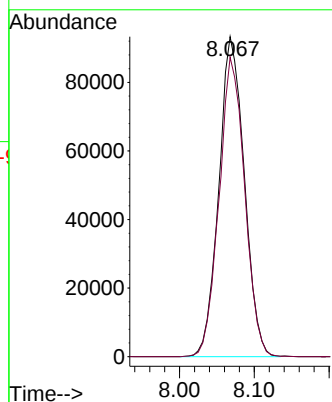
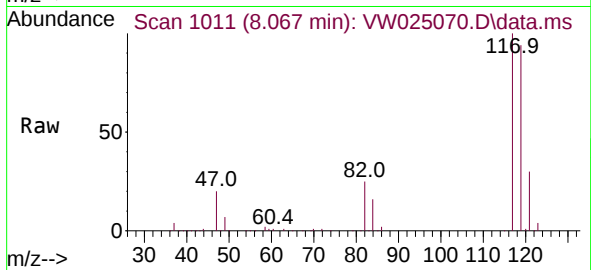




#31
Carbon tetrachloride
Concen: 24.958 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

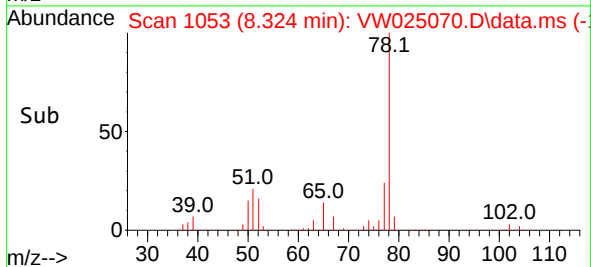
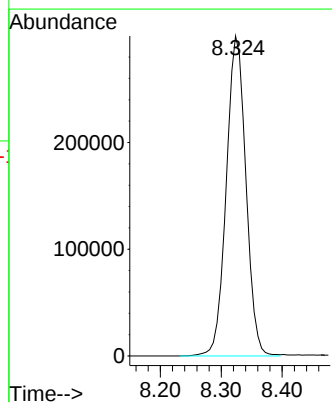
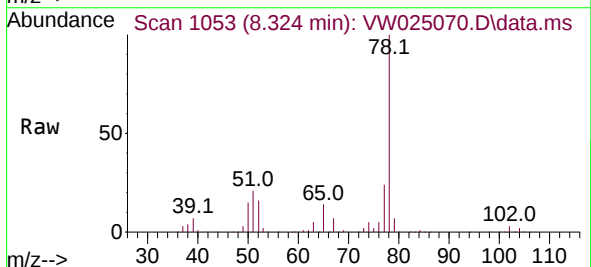
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

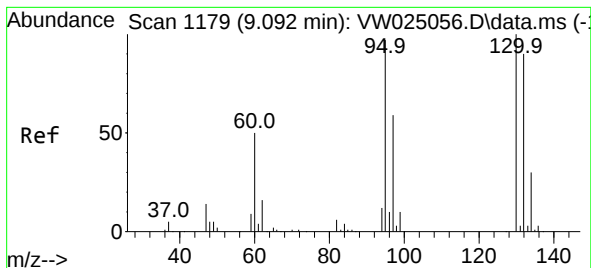
Tgt Ion:117 Resp: 221286
Ion Ratio Lower Upper
117 100
119 93.8 77.7 116.5



#33
Benzene
Concen: 27.510 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 78 Resp: 671689





#34

Trichloroethene

Concen: 26.471 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

Tgt Ion: 95 Resp: 171093

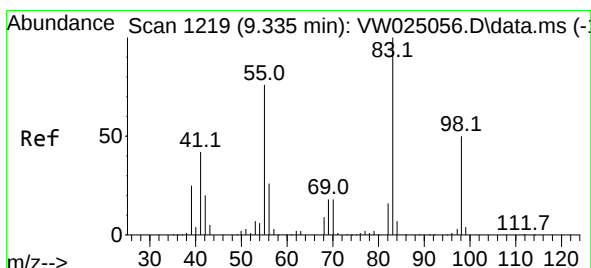
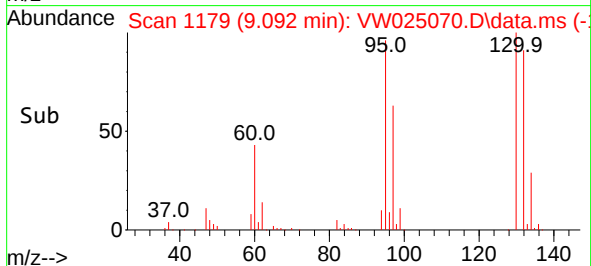
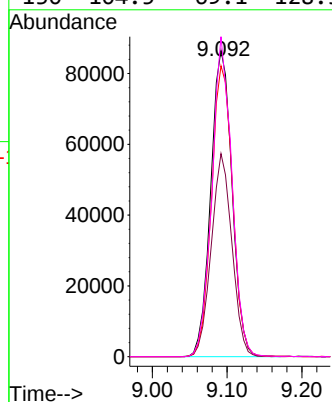
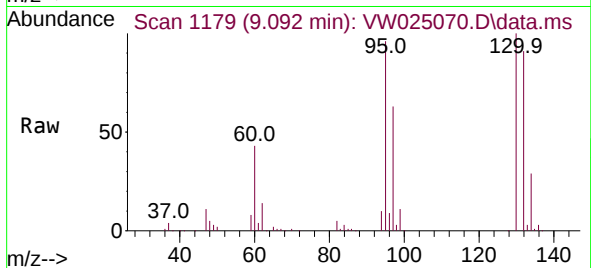
Ion Ratio Lower Upper

95 100

97 66.3 44.7 83.1

132 95.0 62.6 116.2

130 104.5 69.1 128.3



#35

Methylcyclohexane

Concen: 25.911 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

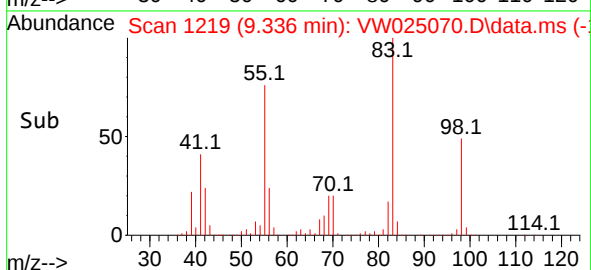
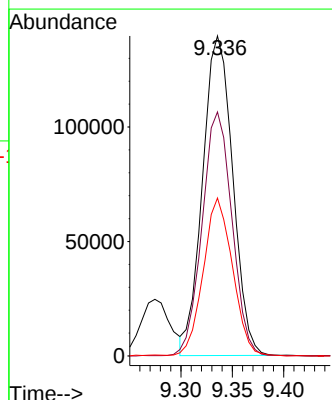
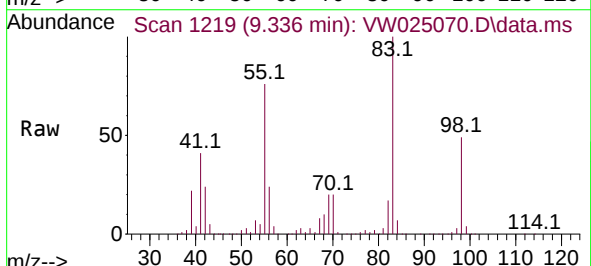
Tgt Ion: 83 Resp: 284575

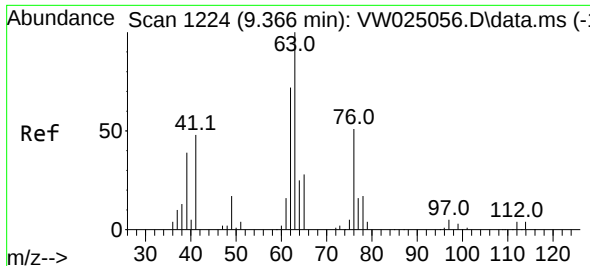
Ion Ratio Lower Upper

83 100

55 75.8 60.4 90.6

98 48.1 39.5 59.3





#37

1,2-Dichloropropane

Concen: 28.866 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

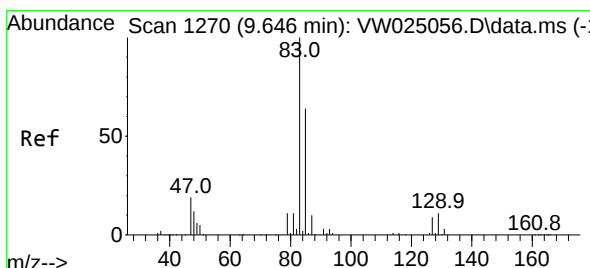
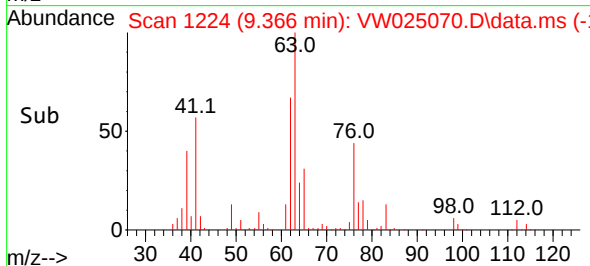
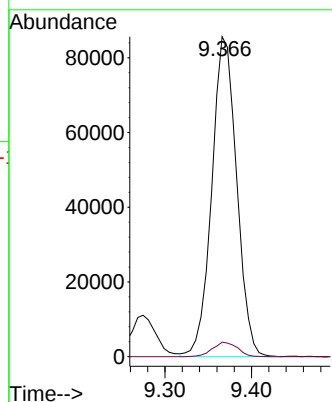
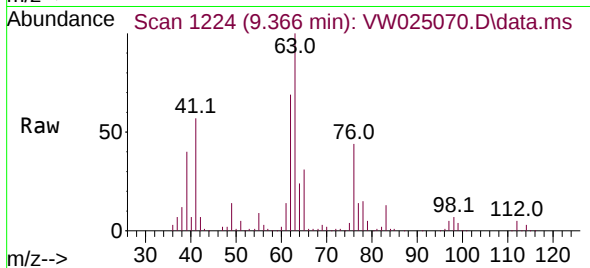
VSTD025501

Tgt Ion: 63 Resp: 171065

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 27.001 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

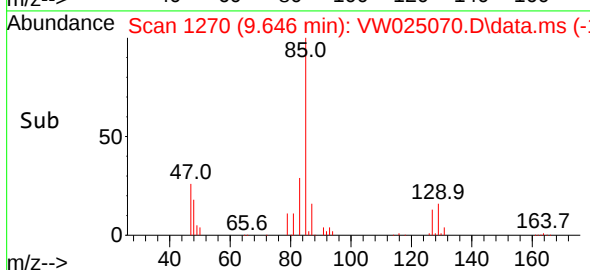
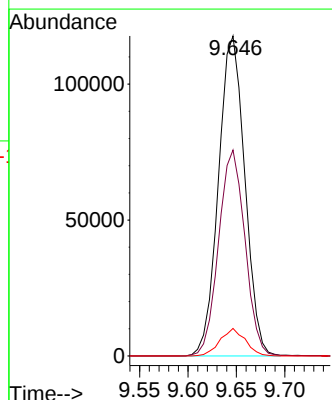
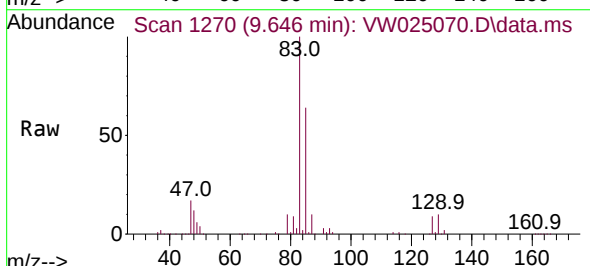
Tgt Ion: 83 Resp: 223324

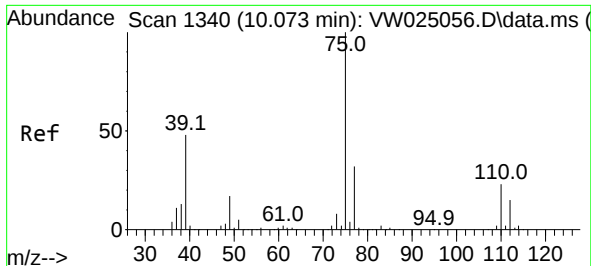
Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.0

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 27.953 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

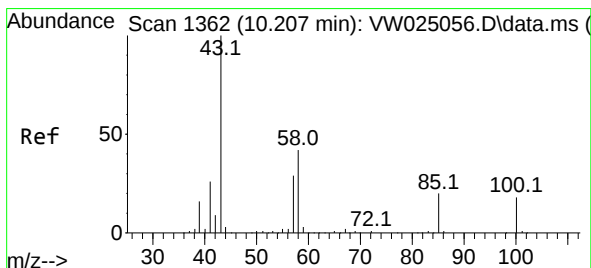
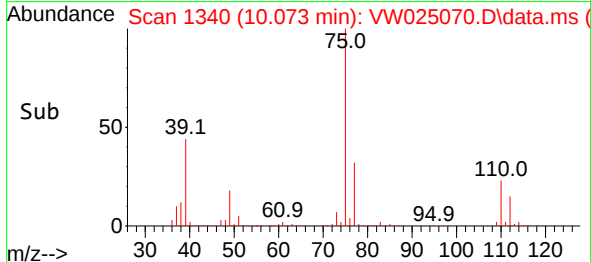
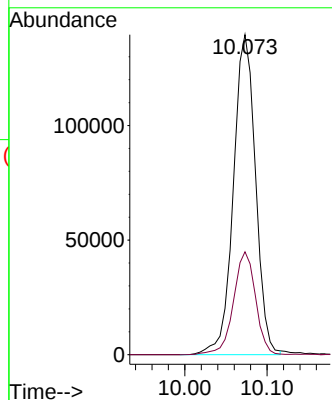
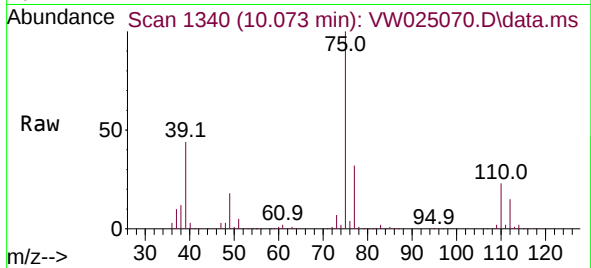
VSTD025501

Tgt Ion: 75 Resp: 261879

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.285 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

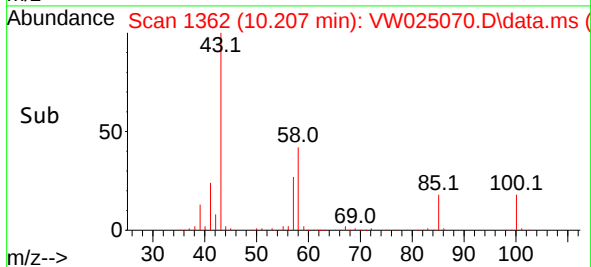
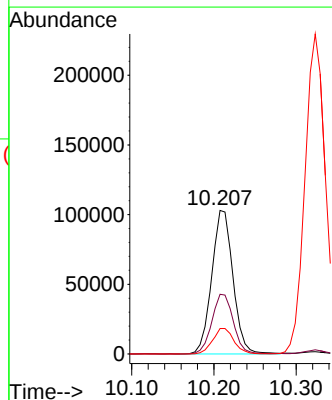
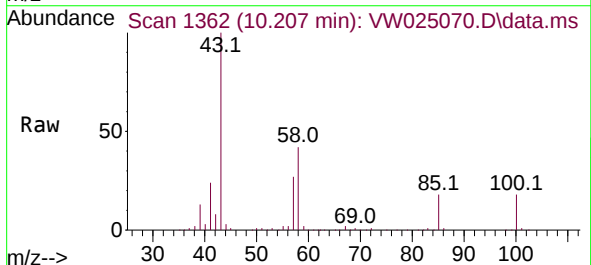
Tgt Ion: 43 Resp: 185304

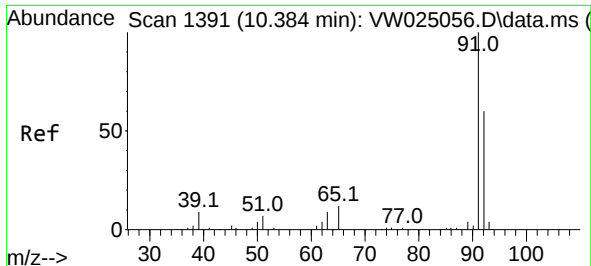
Ion Ratio Lower Upper

43 100

58 41.9 32.6 48.8

100 17.7 14.0 21.0





#42

Toluene

Concen: 27.559 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

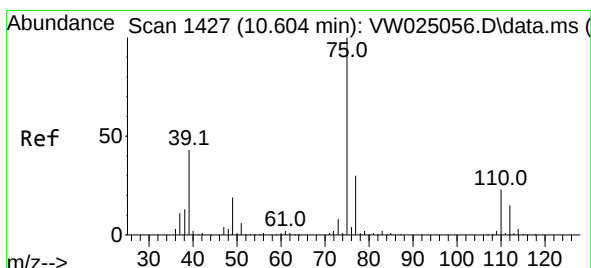
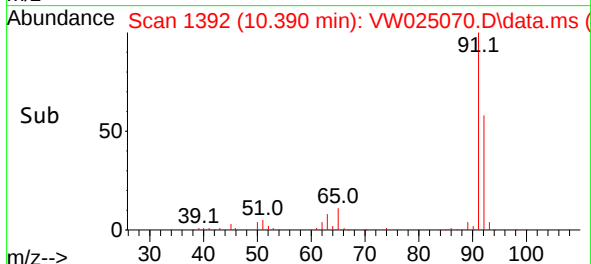
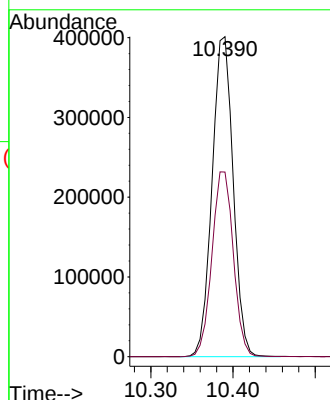
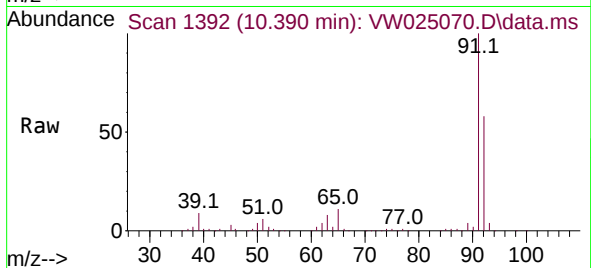
VSTD025501

Tgt Ion: 91 Resp: 714363

Ion Ratio Lower Upper

91 100

92 57.7 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 26.767 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025070.D

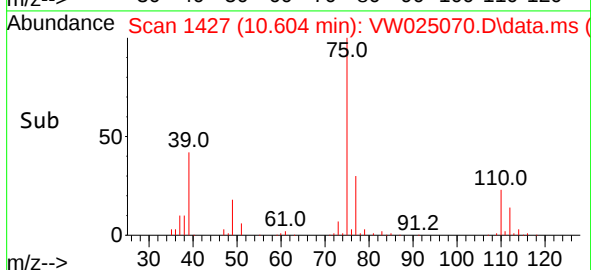
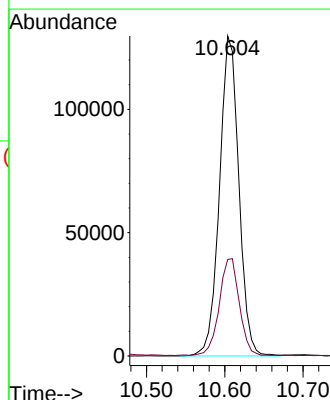
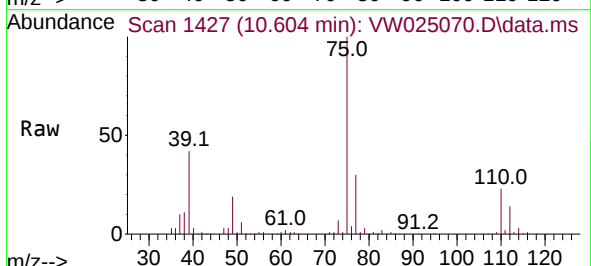
Acq: 17 Nov 2022 09:36

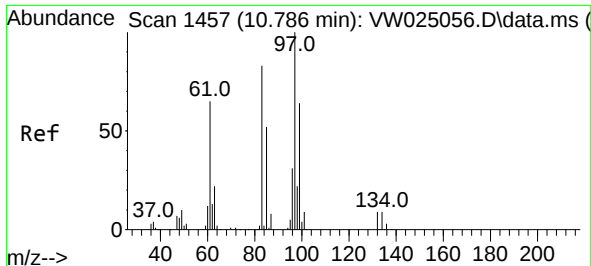
Tgt Ion: 75 Resp: 222937

Ion Ratio Lower Upper

75 100

77 30.2 22.3 41.5

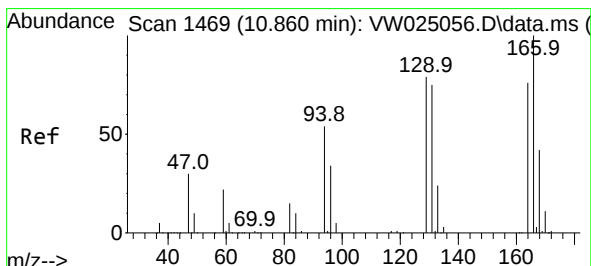
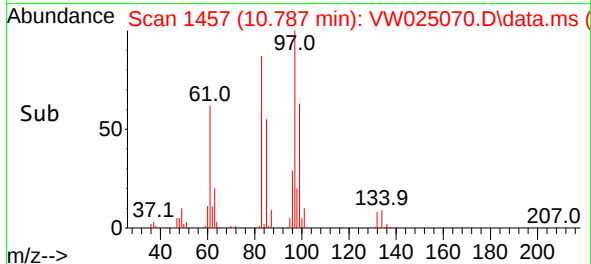
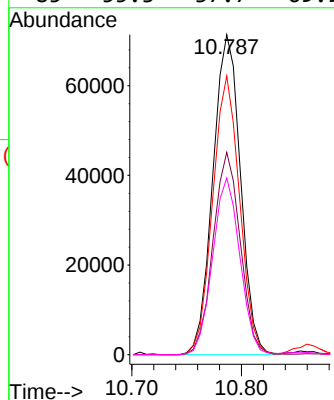
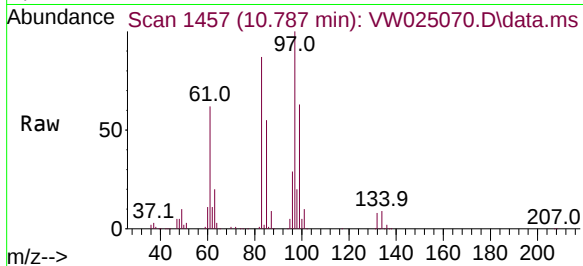




#45
1,1,2-Trichloroethane
Concen: 27.978 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

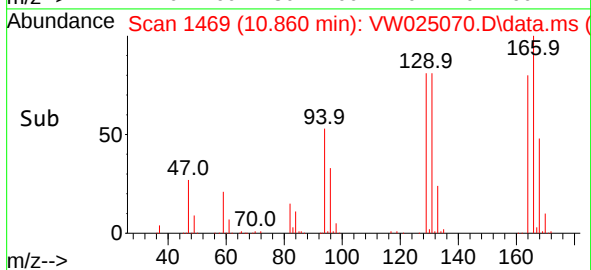
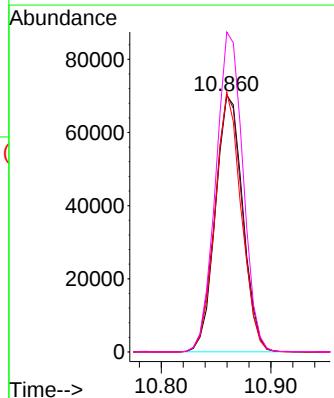
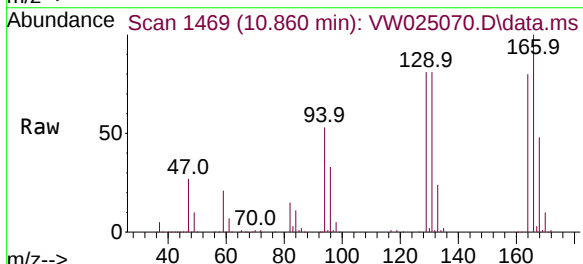
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

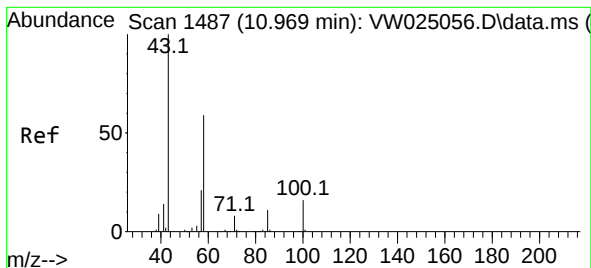
Tgt Ion:	97	Resp:	125184
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.0	81.6
83	87.1	59.9	111.3
85	55.3	37.7	69.9



#46
Tetrachloroethene
Concen: 26.273 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion:	164	Resp:	121448
Ion	Ratio	Lower	Upper
164	100		
129	100.5	72.9	135.5
131	101.3	70.1	130.3
166	124.8	80.2	148.9





#48

2-Hexanone

Concen: 53.543 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

Tgt Ion: 43 Resp: 128773

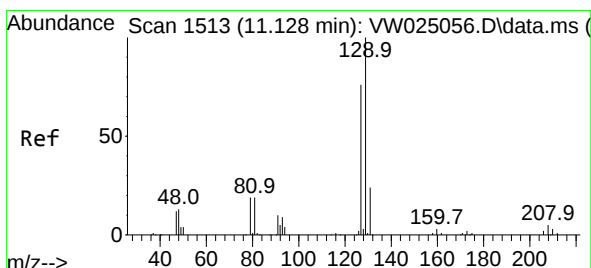
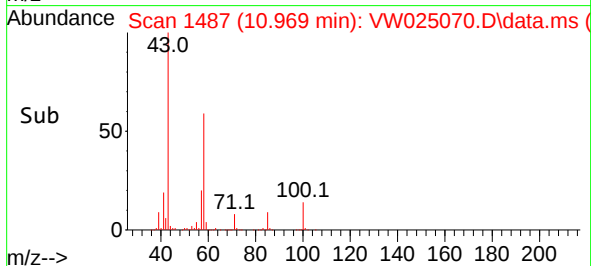
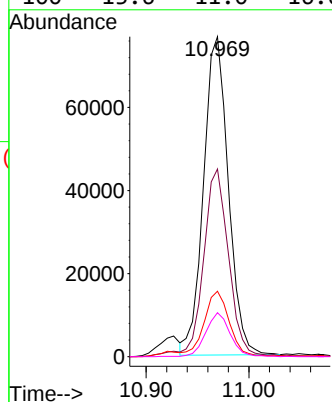
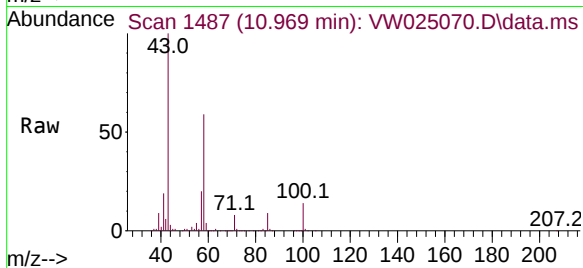
Ion Ratio Lower Upper

43 100

58 57.4 46.1 69.1

57 21.0 16.2 24.2

100 13.6 11.0 16.6



#49

Dibromochloromethane

Concen: 26.762 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025070.D

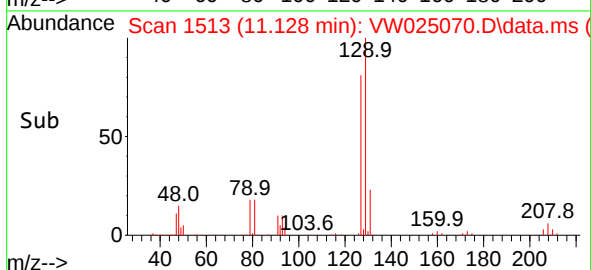
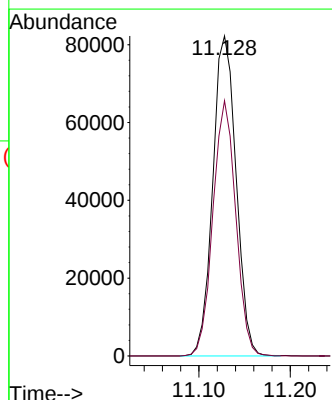
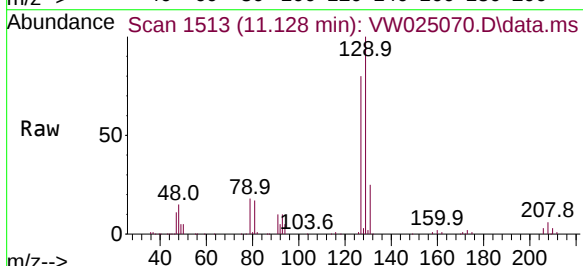
Acq: 17 Nov 2022 09:36

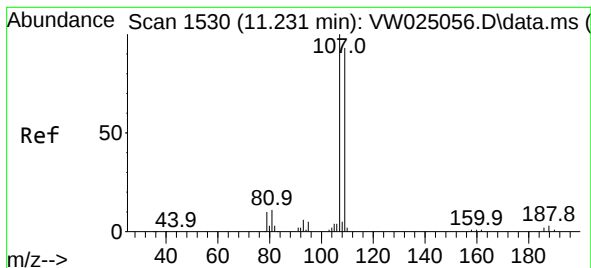
Tgt Ion: 129 Resp: 145967

Ion Ratio Lower Upper

129 100

127 79.7 53.2 98.8





#50

1,2-Dibromoethane

Concen: 26.979 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

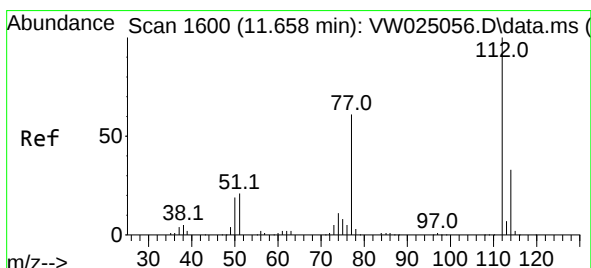
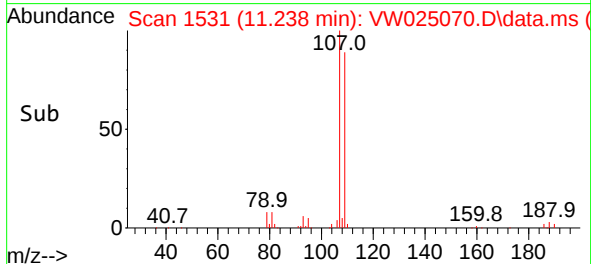
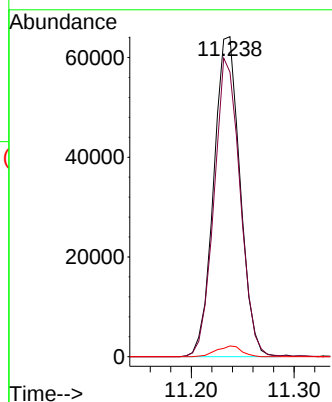
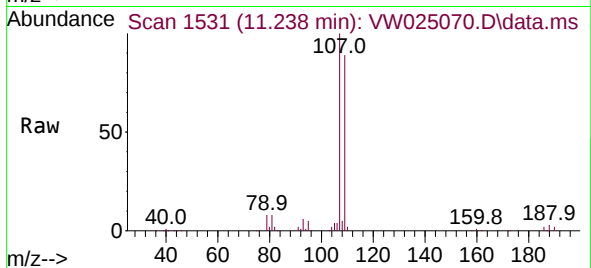
Tgt Ion:107 Resp: 114166

Ion Ratio Lower Upper

107 100

109 88.9 64.5 119.7

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 27.084 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

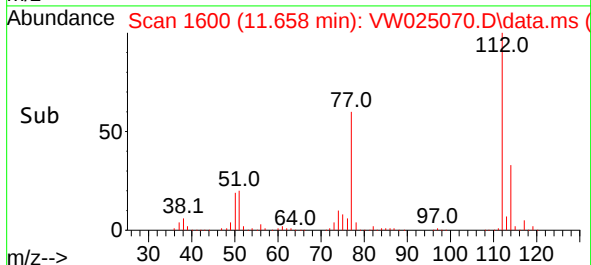
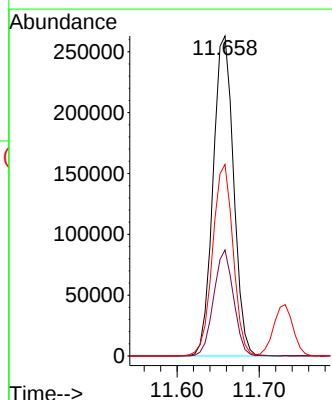
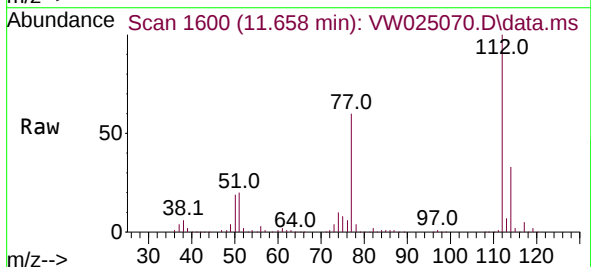
Tgt Ion:112 Resp: 455067

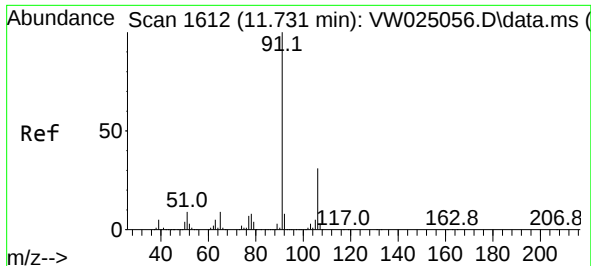
Ion Ratio Lower Upper

112 100

114 33.2 20.8 38.6

77 59.9 48.2 72.2

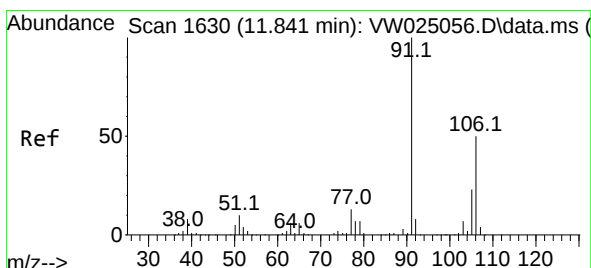
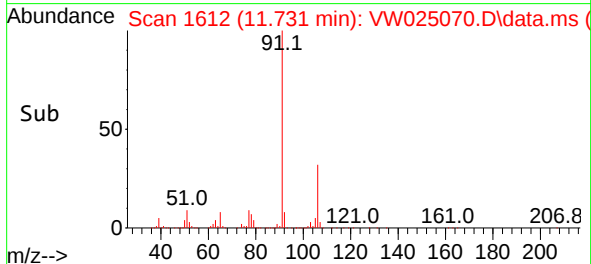
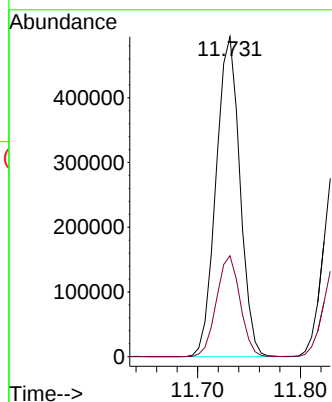
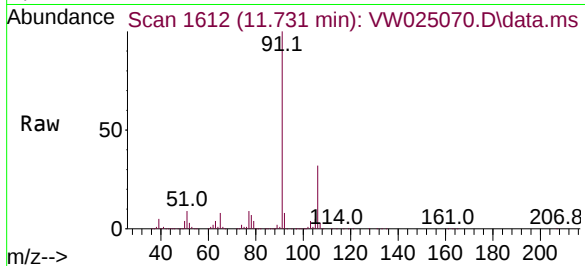




#52
Ethylbenzene
Concen: 26.665 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

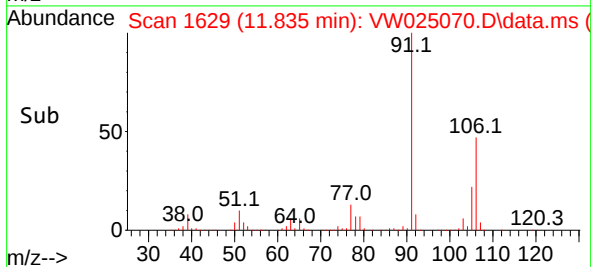
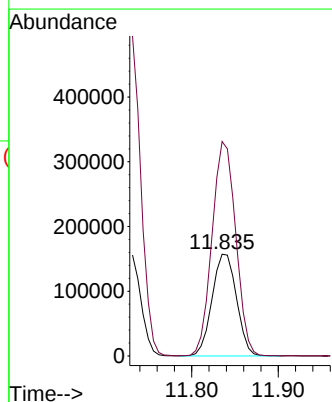
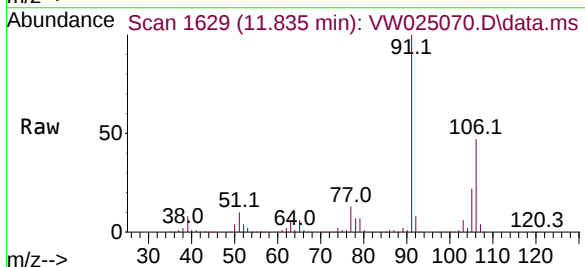
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

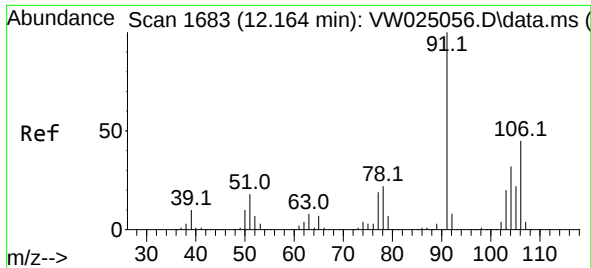
Tgt Ion: 91 Resp: 797847
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.5



#53
m,p-Xylene
Concen: 26.631 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion:106 Resp: 308445
Ion Ratio Lower Upper
106 100
91 210.8 143.9 267.2

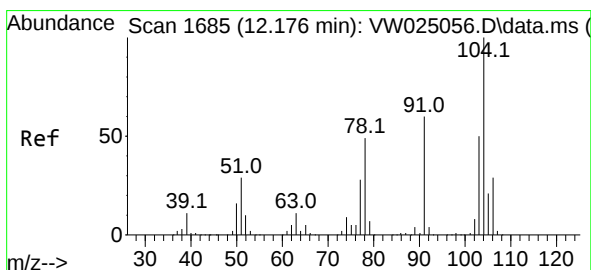
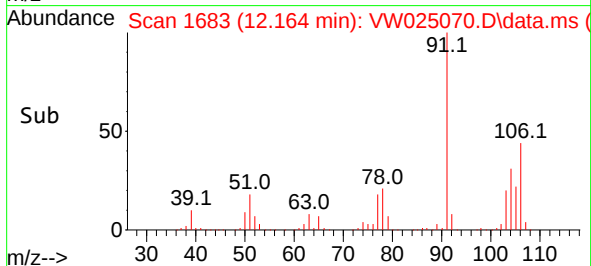
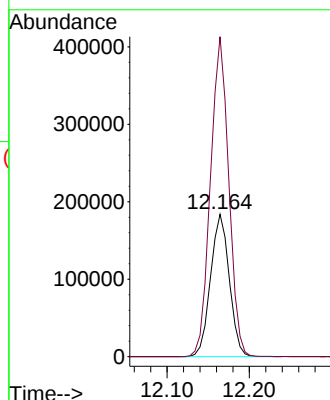
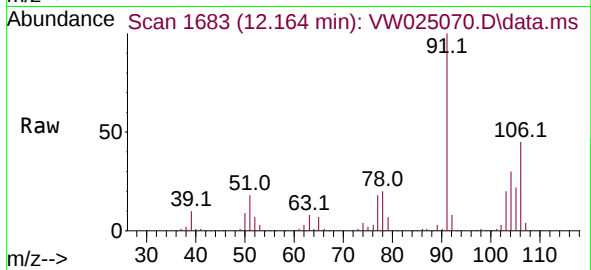




#54
o-Xylene
Concen: 26.620 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

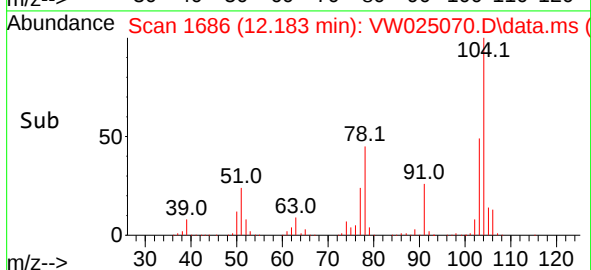
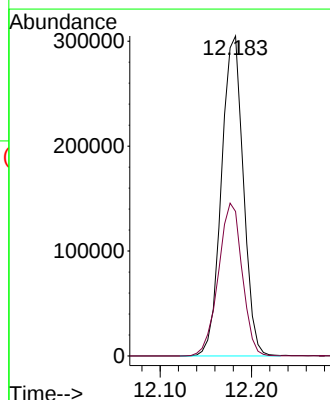
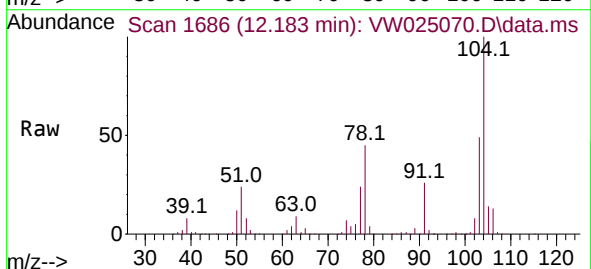
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

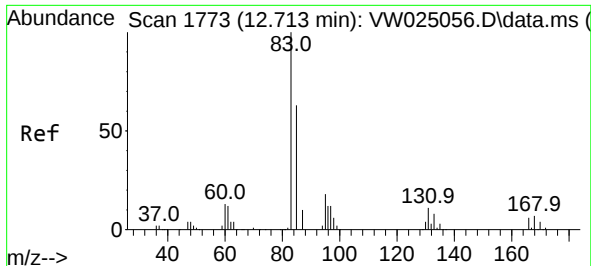
Tgt Ion:106 Resp: 290870
Ion Ratio Lower Upper
106 100
91 224.7 153.5 285.1



#55
Styrene
Concen: 26.752 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion:104 Resp: 507715
Ion Ratio Lower Upper
104 100
78 45.2 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.474 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

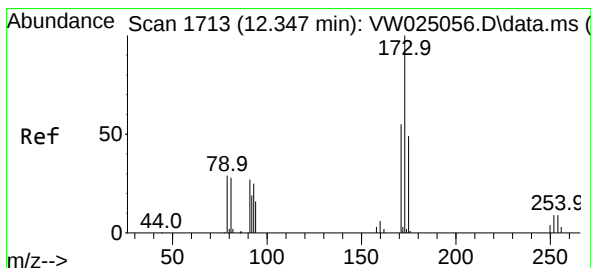
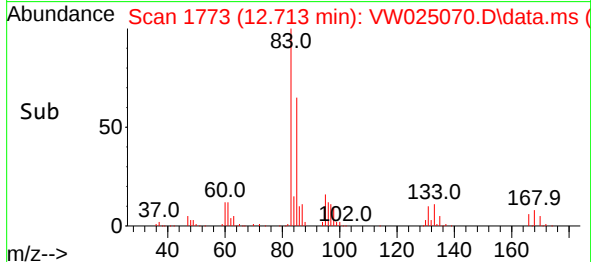
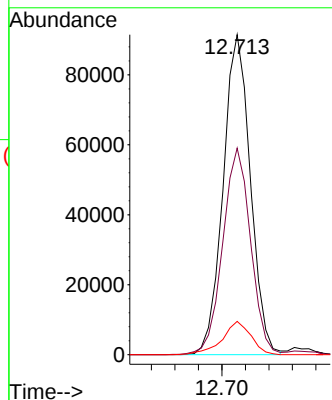
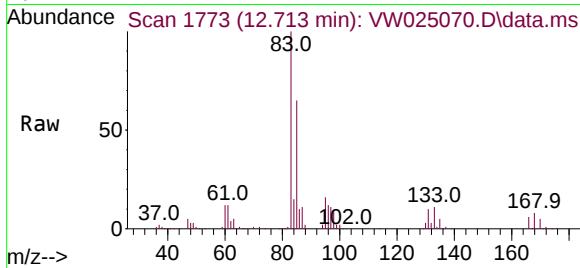
Tgt Ion: 83 Resp: 147472

Ion Ratio Lower Upper

83 100

85 64.6 46.4 86.2

131 10.4 8.2 12.4



#59

Bromoform

Concen: 27.492 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

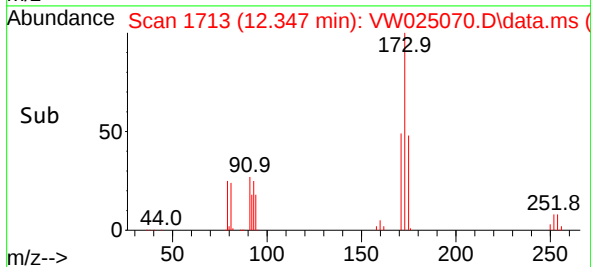
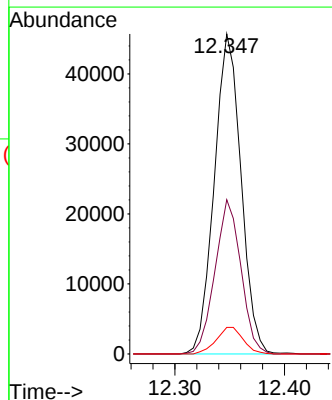
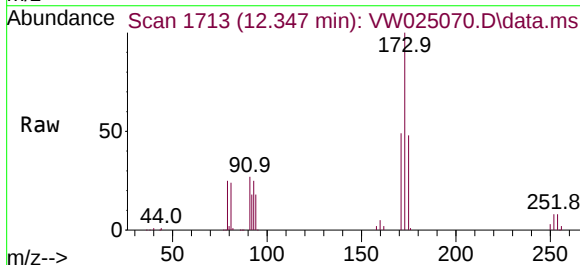
Tgt Ion:173 Resp: 77423

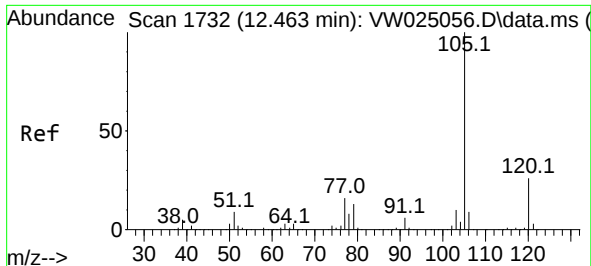
Ion Ratio Lower Upper

173 100

175 46.7 37.4 56.2

254 8.4 5.8 8.8

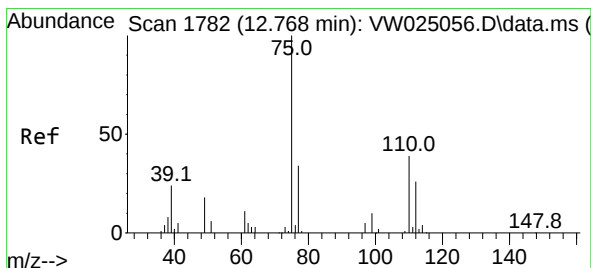
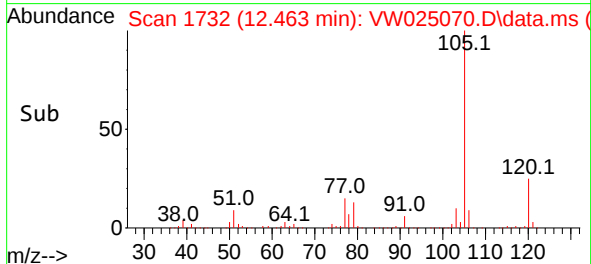
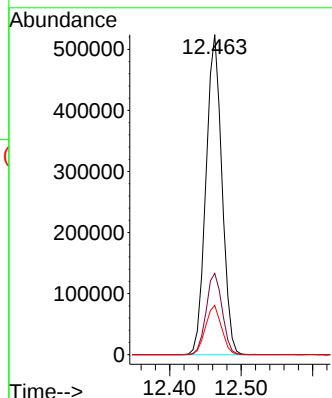
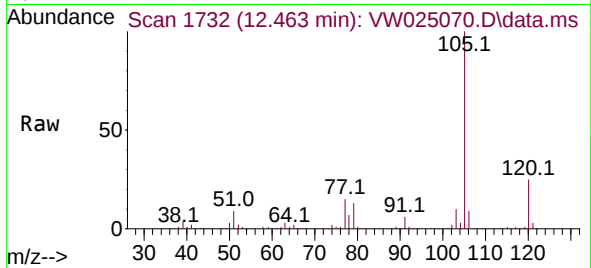




#60
Isopropylbenzene
Concen: 27.113 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

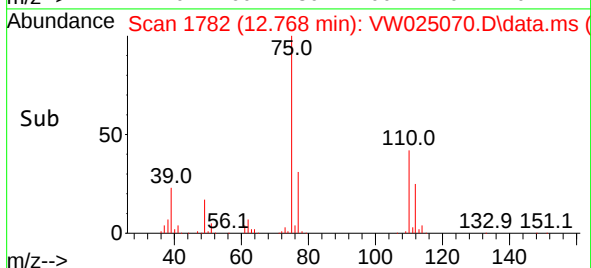
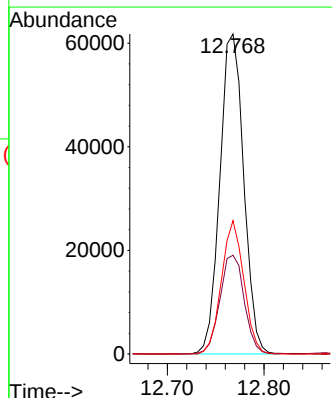
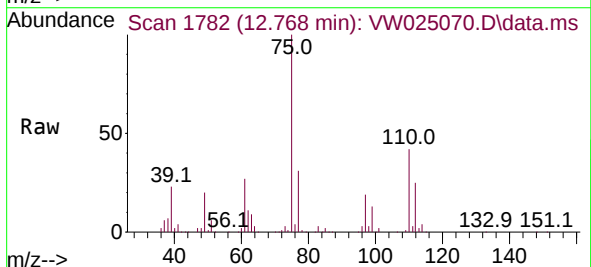
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

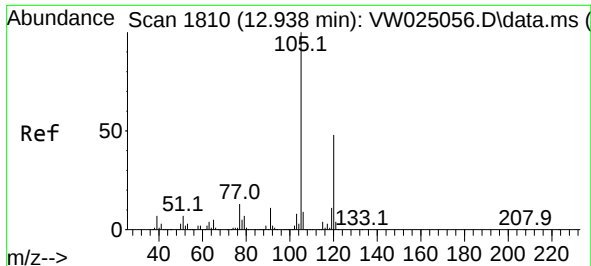
Tgt Ion:105 Resp: 811632
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 15.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 26.397 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025070.D
Acq: 17 Nov 2022 09:36

Tgt Ion: 75 Resp: 105597
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
110 39.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.837 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

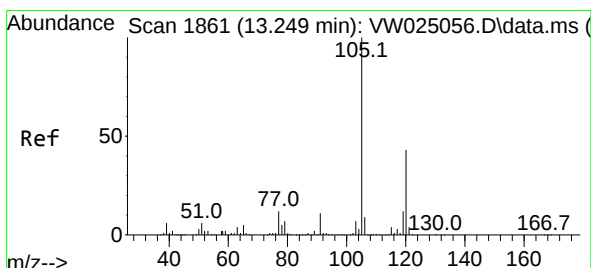
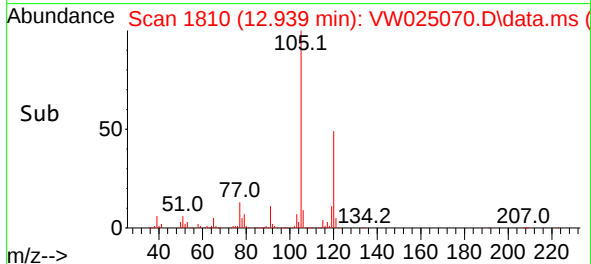
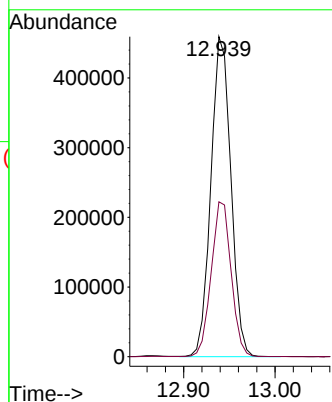
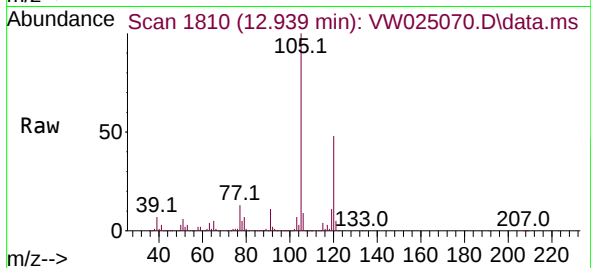
VSTD025501

Tgt Ion:105 Resp: 697401

Ion Ratio Lower Upper

105 100

120 48.2 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 26.492 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025070.D

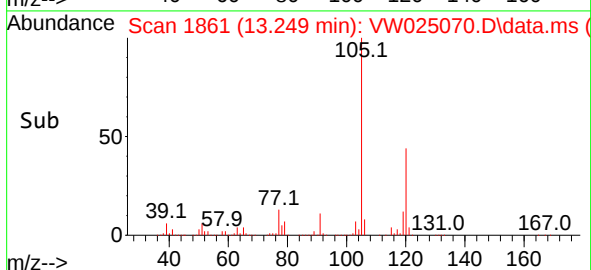
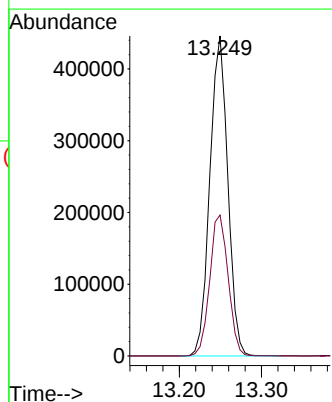
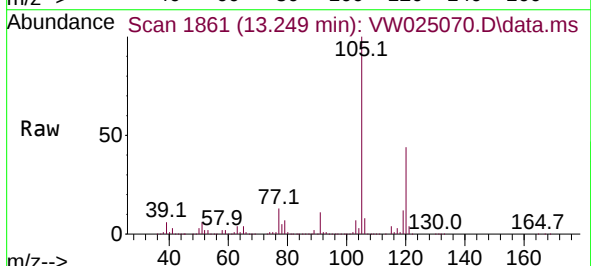
Acq: 17 Nov 2022 09:36

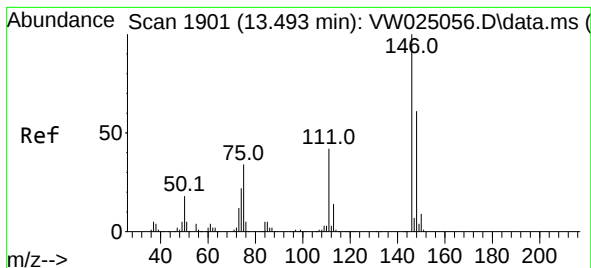
Tgt Ion:105 Resp: 675071

Ion Ratio Lower Upper

105 100

120 45.2 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 26.858 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

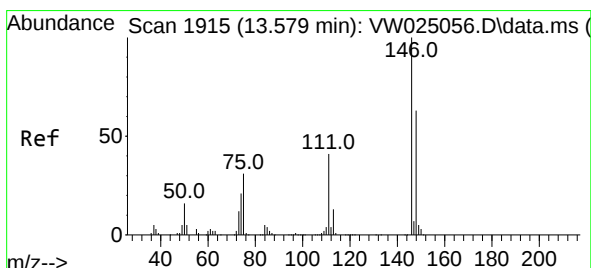
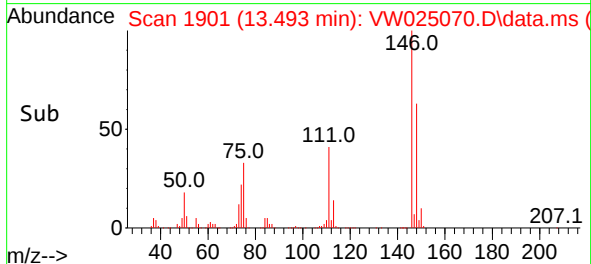
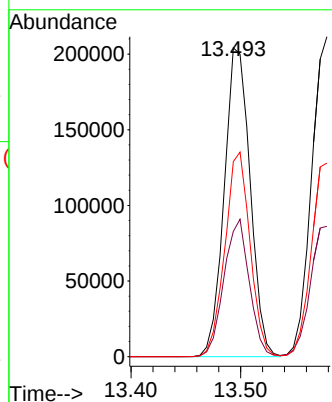
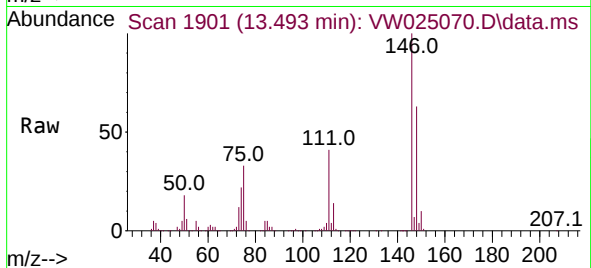
Tgt Ion:146 Resp: 335329

Ion Ratio Lower Upper

146 100

111 40.5 31.1 57.7

148 63.2 47.2 87.6



#65

1,4-Dichlorobenzene

Concen: 27.454 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

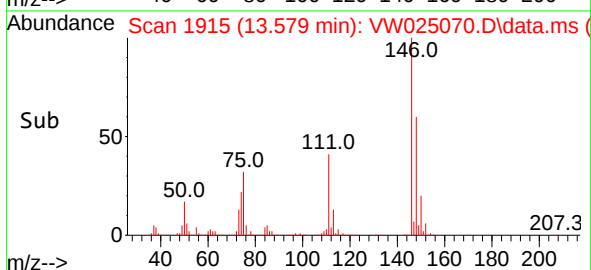
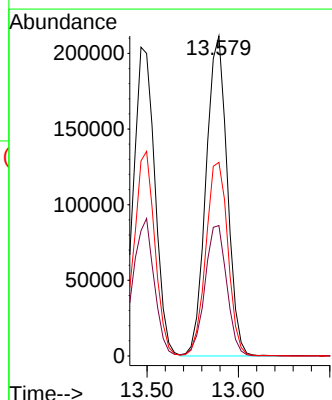
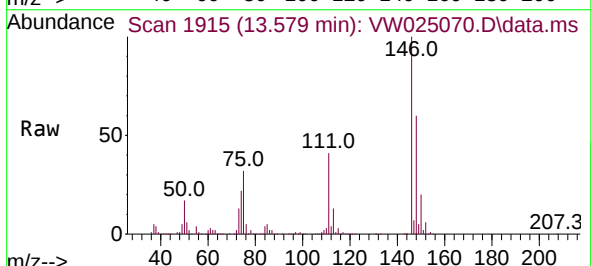
Tgt Ion:146 Resp: 342019

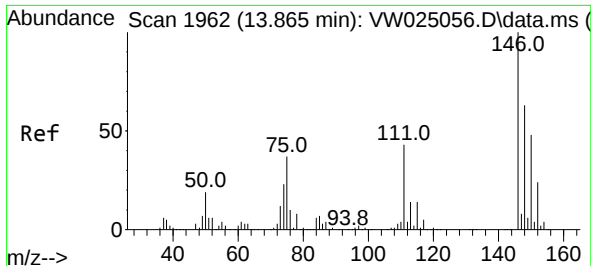
Ion Ratio Lower Upper

146 100

111 40.8 28.8 53.6

148 60.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 27.245 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

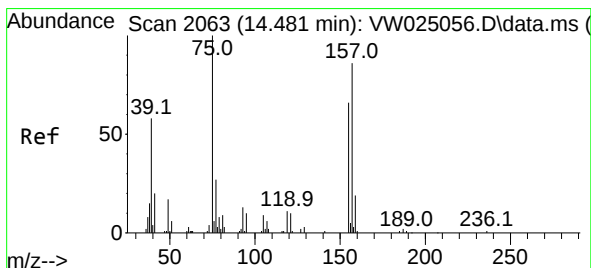
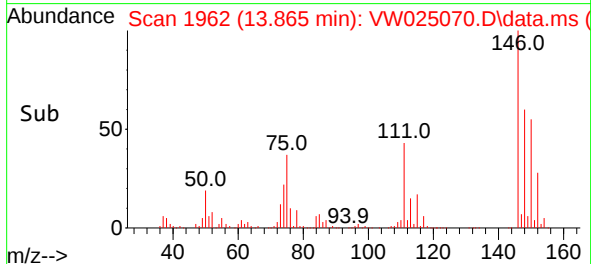
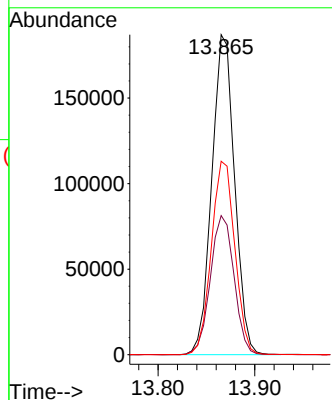
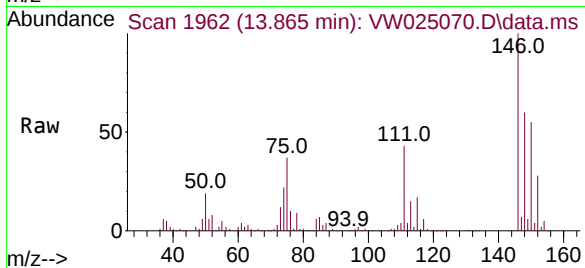
Tgt Ion:146 Resp: 305852

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.4

148 60.5 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 24.000 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

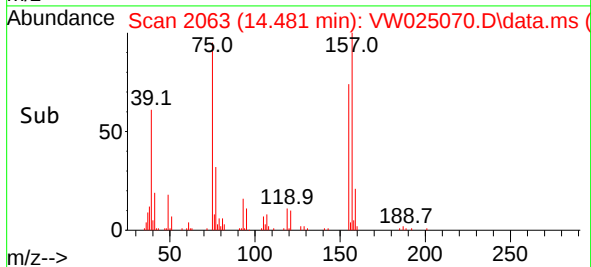
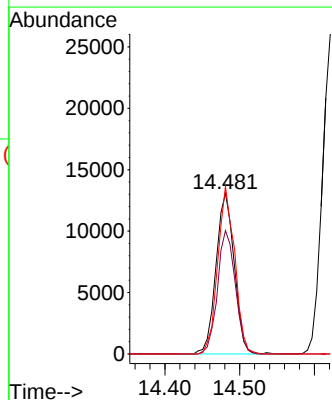
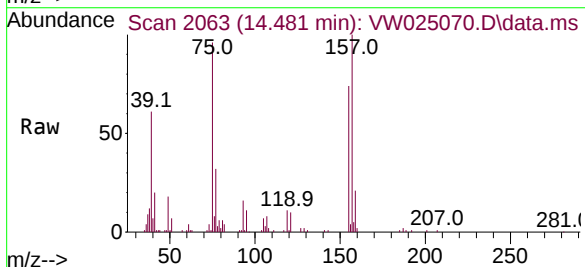
Tgt Ion: 75 Resp: 22186

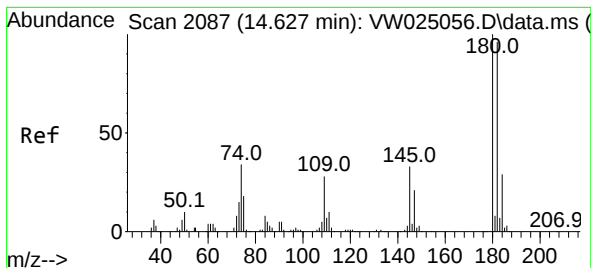
Ion Ratio Lower Upper

75 100

155 76.8 61.2 91.8

157 104.5 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 27.704 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

Tgt Ion:180 Resp: 229097

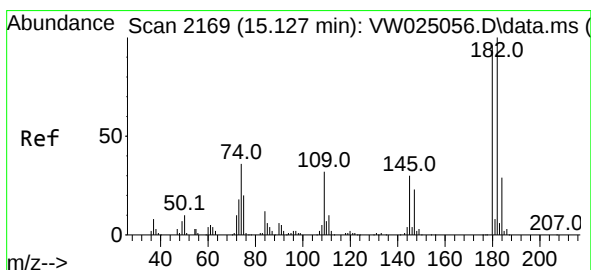
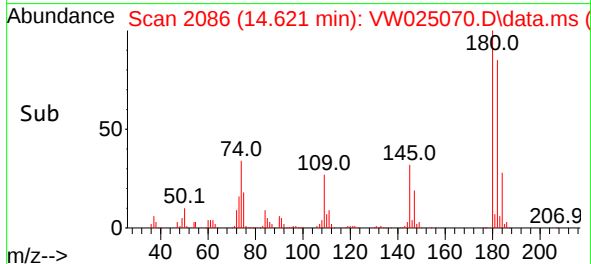
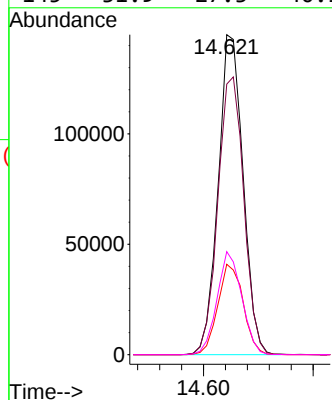
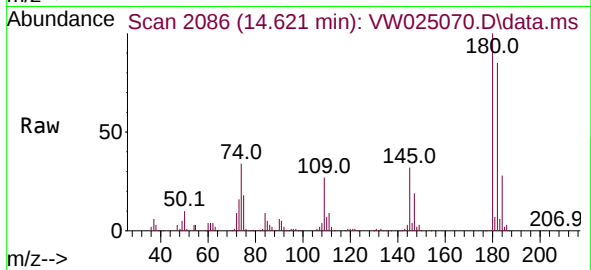
Ion Ratio Lower Upper

180 100

182 90.6 75.7 113.5

184 28.7 23.4 35.2

145 31.9 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 27.428 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

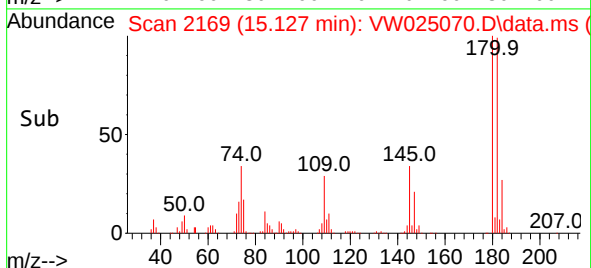
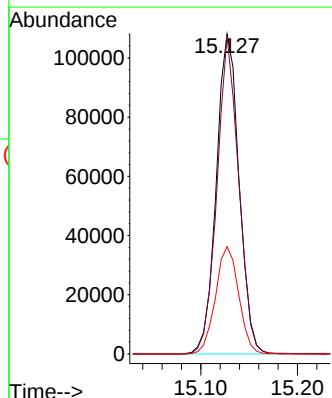
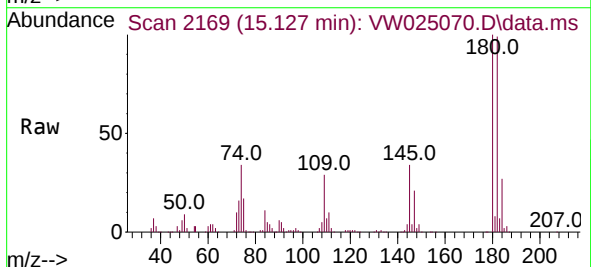
Tgt Ion:180 Resp: 176291

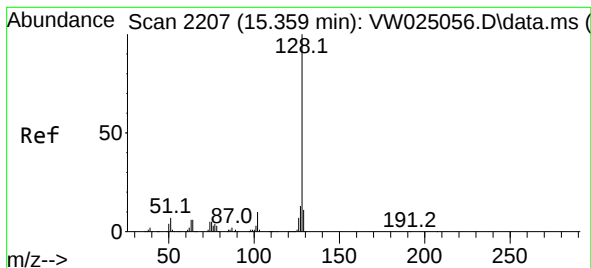
Ion Ratio Lower Upper

180 100

182 94.7 74.9 112.3

145 34.2 27.0 40.4





#71

Naphthalene

Concen: 26.438 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

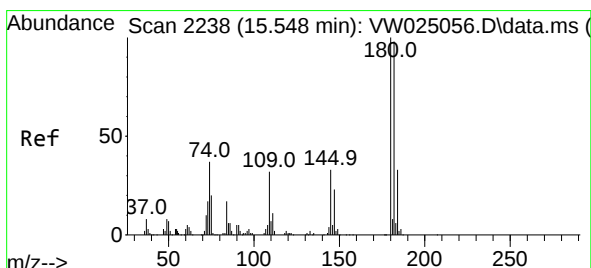
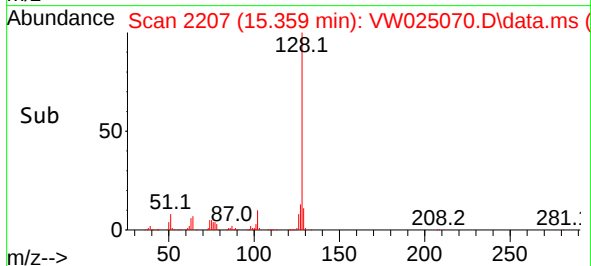
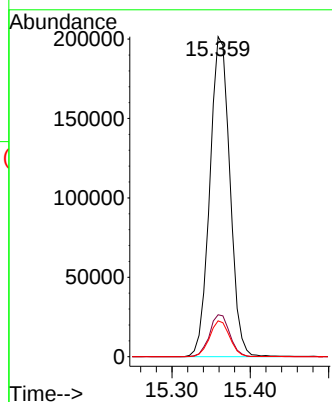
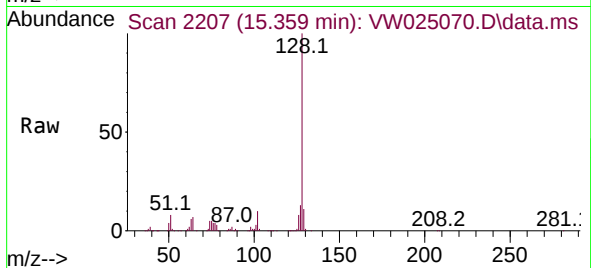
Tgt Ion:128 Resp: 358472

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.774 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025070.D

Acq: 17 Nov 2022 09:36

Tgt Ion:180 Resp: 149948

Ion Ratio Lower Upper

180 100

182 95.4 74.1 111.1

145 35.0 28.2 42.2

