

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111722\
 Data File : VW025084.D
 Acq On : 17 Nov 2022 18:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Nov 18 00:02:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	420186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	379635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187892	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94814	20.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
7) Chloroethane-d5	2.892	69	72869	26.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.520%
11) 1,1-Dichloroethene-d2	4.025	63	254550	21.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.680%
21) 2-Butanone-d5	7.080	46	78433	49.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.540%
24) Chloroform-d	7.647	84	318338	24.964	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.305	65	155200	21.743	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.960%
32) Benzene-d6	8.275	84	610224	25.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	9.275	67	188522	26.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.760%
41) Toluene-d8	10.323	98	549371	24.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.579	79	70751	22.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.520%
47) 2-Hexanone-d5	10.921	63	61959	50.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	144865	25.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	178112	24.667	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	23701	16.911	ug/L	91
3) Chloromethane	2.221	50	98039	29.084	ug/L	96
5) Vinyl chloride	2.361	62	137284	29.475	ug/L	96
6) Bromomethane	2.782	94	63672	27.394	ug/L	99
8) Chloroethane	2.922	64	62239	32.034	ug/L	93
9) Trichlorofluoromethane	3.263	101	96976	24.820	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	154934	28.002	ug/L	97
12) 1,1-Dichloroethene	4.044	96	140885	27.030	ug/L	83
13) Acetone	4.123	43	53195	47.043	ug/L	96
14) Carbon disulfide	4.385	76	369145	24.245	ug/L	99
15) Methyl Acetate	4.672	43	56734	25.200	ug/L	98
16) Methylene chloride	4.922	84	169644	22.739	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	152958	27.406	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	236107	25.219	ug/L	98
19) 1,1-Dichloroethane	6.220	63	298054	28.845	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	174450	28.678	ug/L	93
22) 2-Butanone	7.171	43	77468	45.726	ug/L	99
23) Bromochloromethane	7.519	128	70682	26.802	ug/L	97
25) Chloroform	7.677	83	305229	27.989	ug/L	95

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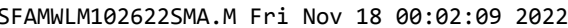
Instrument :
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 VSTD025502

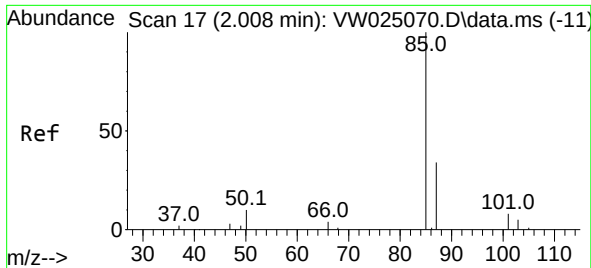
Quant Time: Nov 18 00:02:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	183397	24.793	ug/L	97
29) Cyclohexane	7.958	56	253880	28.322	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	248363	26.734	ug/L	99
31) Carbon tetrachloride	8.074	117	222007	26.743	ug/L	97
33) Benzene	8.323	78	665729	29.120	ug/L	100
34) Trichloroethene	9.092	95	173130	28.608	ug/L	98
35) Methylcyclohexane	9.335	83	288998	28.104	ug/L	99
37) 1,2-Dichloropropane	9.372	63	169539	30.555	ug/L	99
38) Bromodichloromethane	9.646	83	221460	28.597	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	256175	29.204	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	168134	51.636	ug/L	98
42) Toluene	10.390	91	707468	29.149	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	210275	26.964	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	120924	28.864	ug/L	98
46) Tetrachloroethene	10.860	164	125484	28.993	ug/L	92
48) 2-Hexanone	10.969	43	116746	51.844	ug/L	98
49) Dibromochloromethane	11.128	129	141315	27.672	ug/L	98
50) 1,2-Dibromoethane	11.238	107	107850	27.219	ug/L	96
51) Chlorobenzene	11.658	112	447780	28.463	ug/L	98
52) Ethylbenzene	11.731	91	803724	28.688	ug/L	99
53) m,p-Xylene	11.841	106	310172	28.601	ug/L	97
54) o-Xylene	12.164	106	296675	28.998	ug/L	100
55) Styrene	12.176	104	520343	29.282	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	137741	27.407	ug/L	99
59) Bromoform	12.347	173	70460	26.513	ug/L #	96
60) Isopropylbenzene	12.463	105	833121	29.492	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	97748	25.895	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	704465	28.728	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	690019	28.696	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	334669	28.406	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	337275	28.690	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	295442	27.889	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19849	22.754	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	215953	27.674	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	163538	26.963	ug/L	96
71) Naphthalene	15.365	128	322835	25.232	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	138503	26.208	ug/L	98

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

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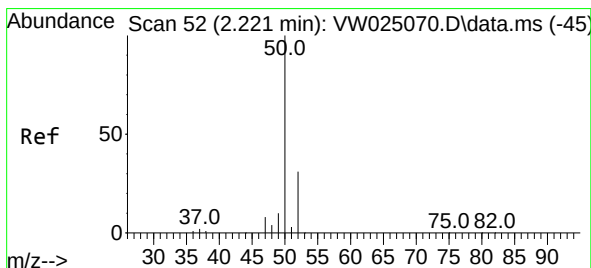
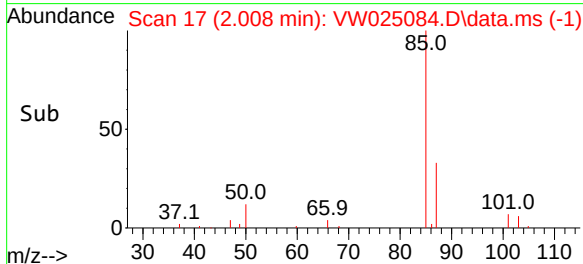
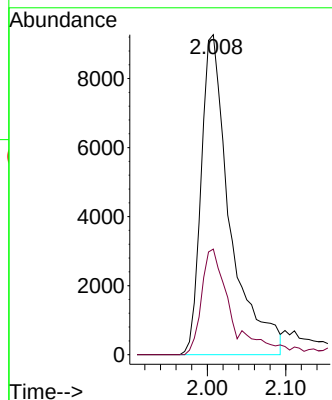
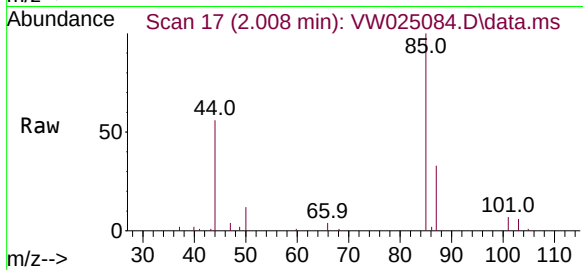




#2
 Dichlorodifluoromethane
 Concen: 16.911 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025084.D
 Acq: 17 Nov 2022 18:17

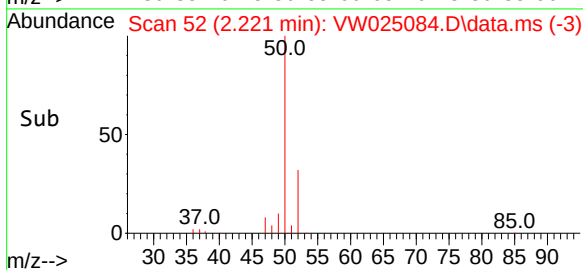
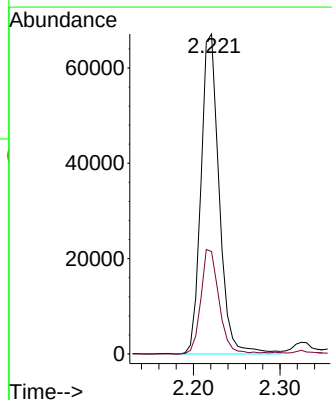
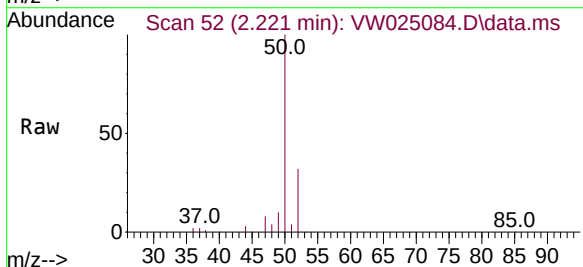
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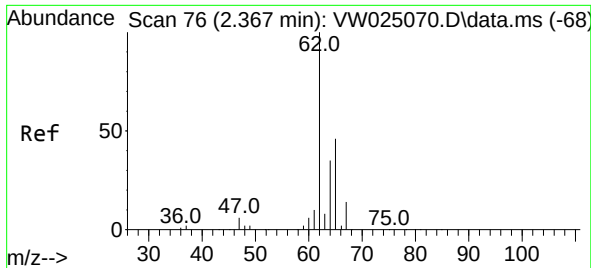
Tgt Ion: 85 Resp: 23701
 Ion Ratio Lower Upper
 85 100
 87 27.3 25.9 38.9



#3
 Chloromethane
 Concen: 29.084 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW025084.D
 Acq: 17 Nov 2022 18:17

Tgt Ion: 50 Resp: 98039
 Ion Ratio Lower Upper
 50 100
 52 32.0 24.1 44.8

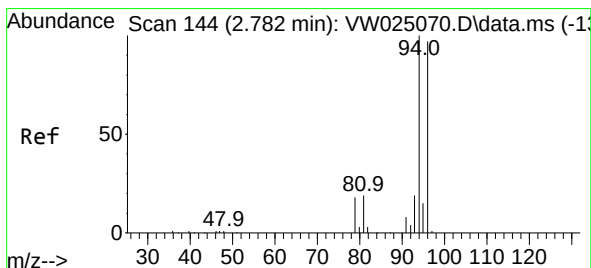
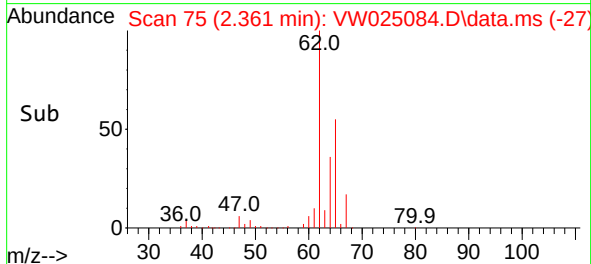
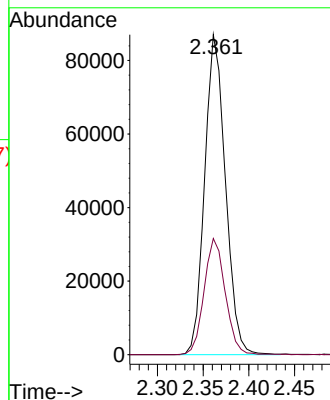
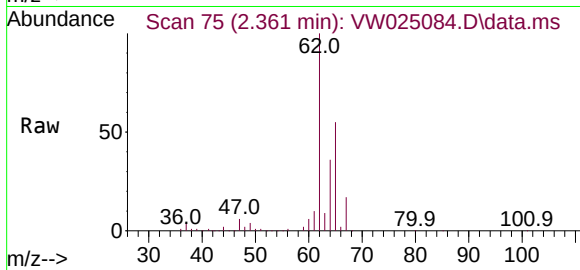




#5
 Vinyl chloride
 Concen: 29.475 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW025084.D
 Acq: 17 Nov 2022 18:17

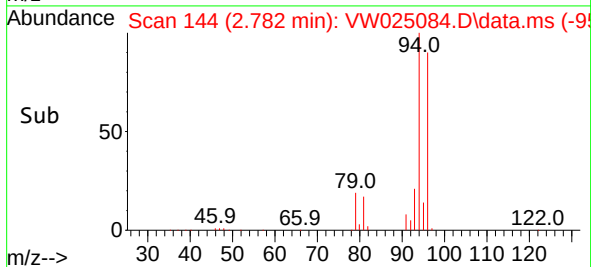
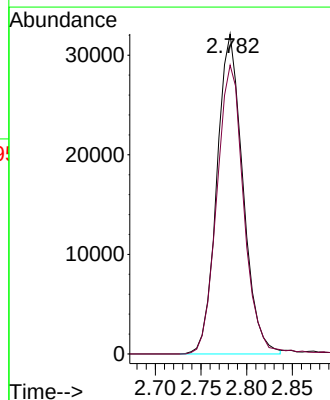
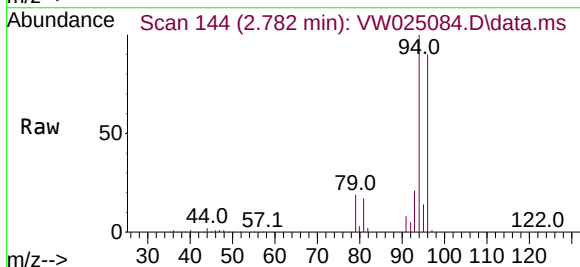
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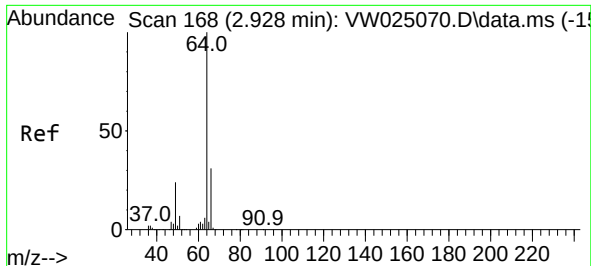
Tgt Ion: 62 Resp: 137284
 Ion Ratio Lower Upper
 62 100
 64 36.3 27.2 50.6



#6
 Bromomethane
 Concen: 27.394 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW025084.D
 Acq: 17 Nov 2022 18:17

Tgt Ion: 94 Resp: 63672
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.8 118.6

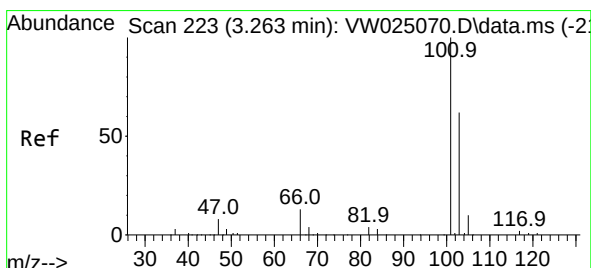
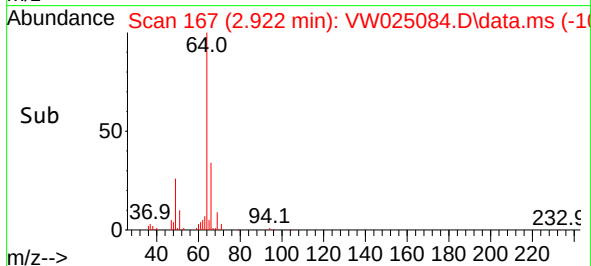
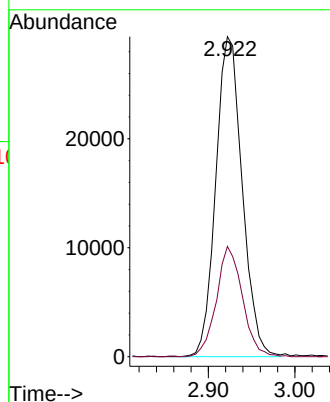
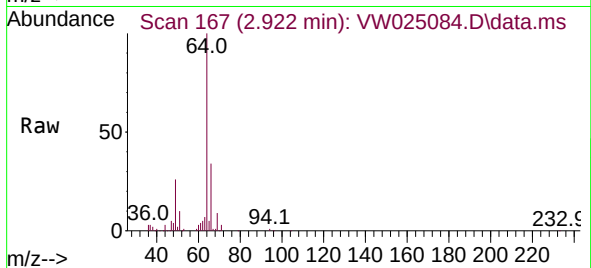




#8
Chloroethane
Concen: 32.034 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

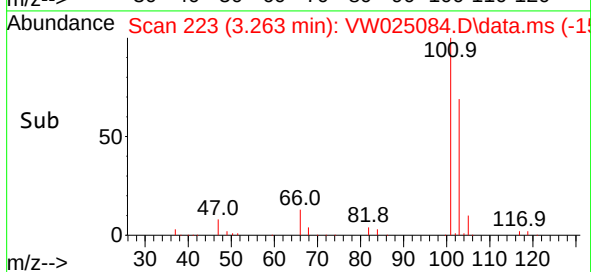
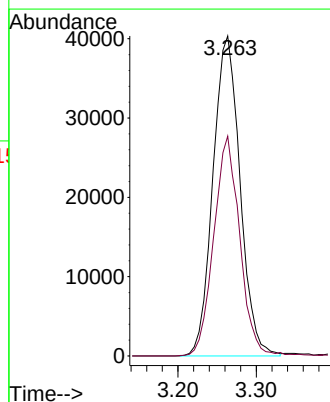
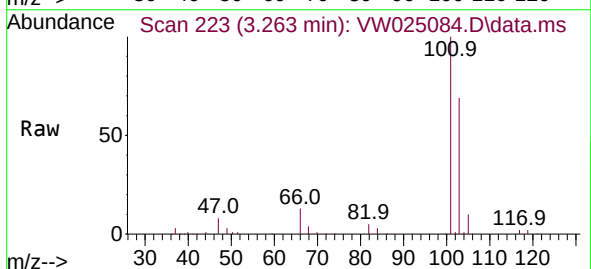
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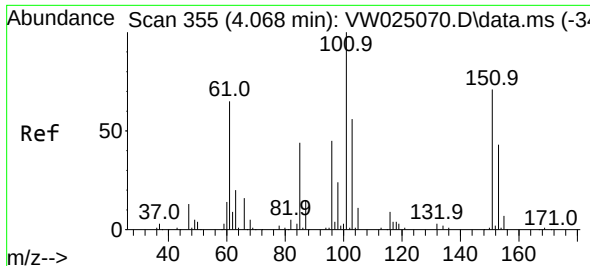
Tgt Ion: 64 Resp: 62239
Ion Ratio Lower Upper
64 100
66 34.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 24.820 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 101 Resp: 96976
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

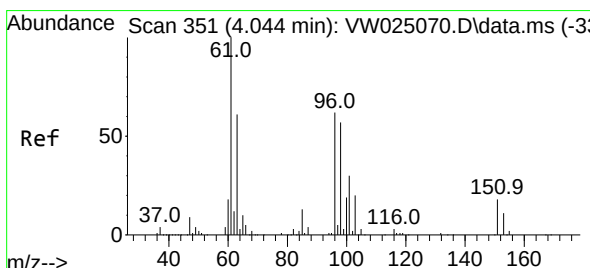
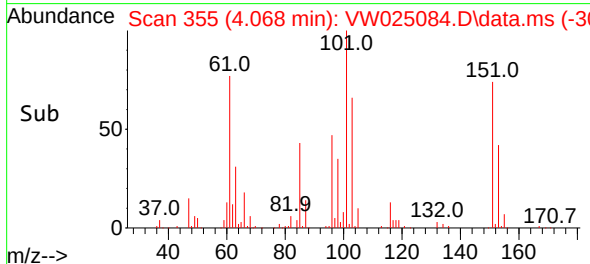
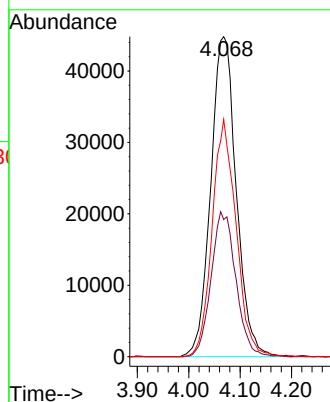
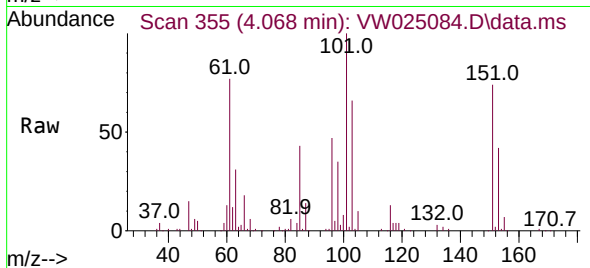




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.002 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW025084.D
 Acq: 17 Nov 2022 18:17

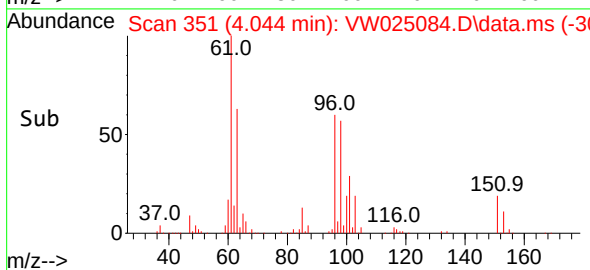
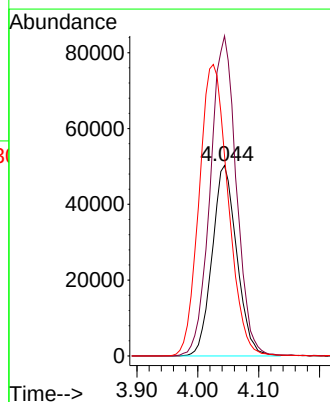
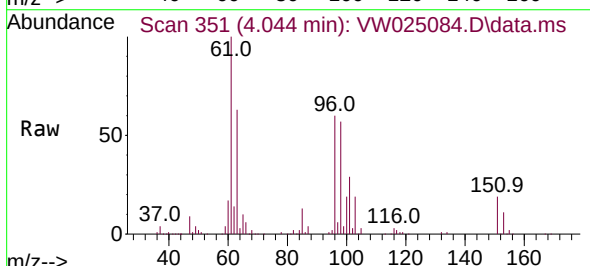
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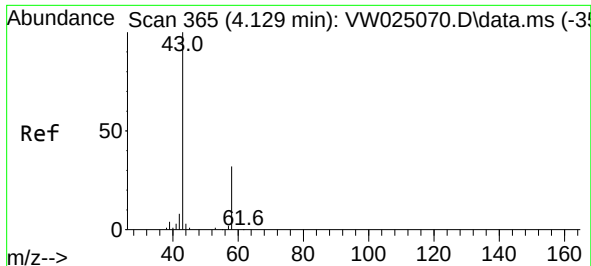
Tgt Ion:101 Resp: 154934
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.5 54.7
 151 69.3 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 27.030 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025084.D
 Acq: 17 Nov 2022 18:17

Tgt Ion: 96 Resp: 140885
 Ion Ratio Lower Upper
 96 100
 61 168.1 126.2 234.4
 63 105.3 98.3 182.7

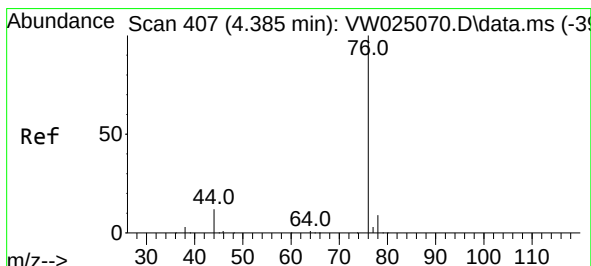
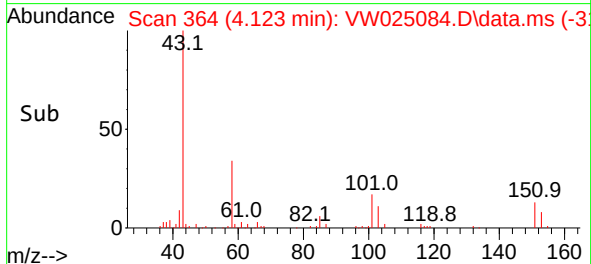
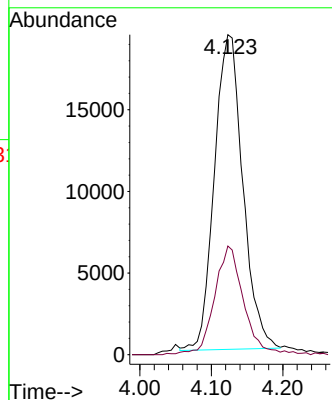
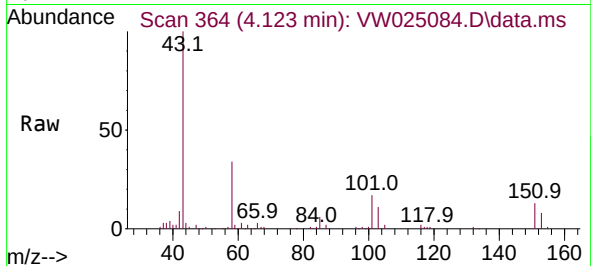




#13
Acetone
Concen: 47.043 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

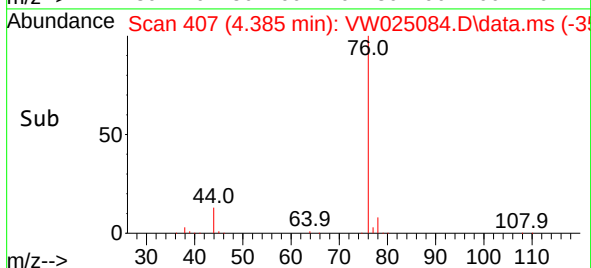
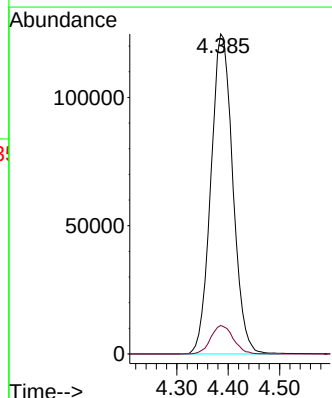
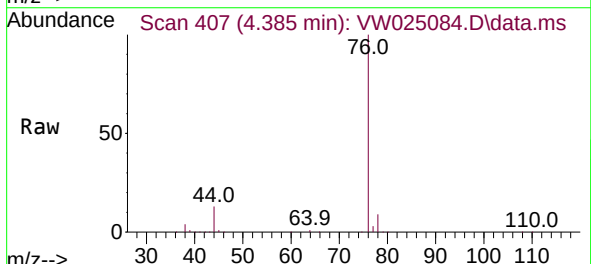
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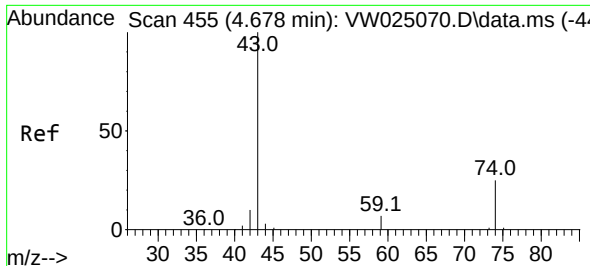
Tgt Ion: 43 Resp: 53195
Ion Ratio Lower Upper
43 100
58 35.2 0.0 65.4



#14
Carbon disulfide
Concen: 24.245 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 76 Resp: 369145
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

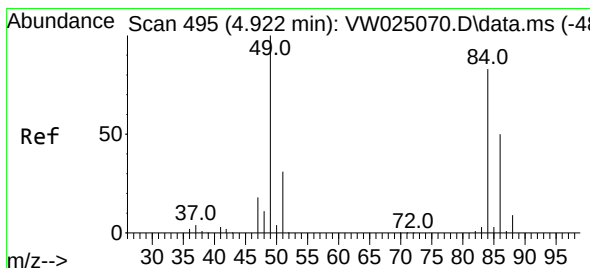
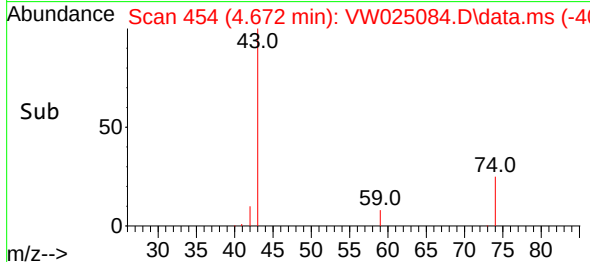
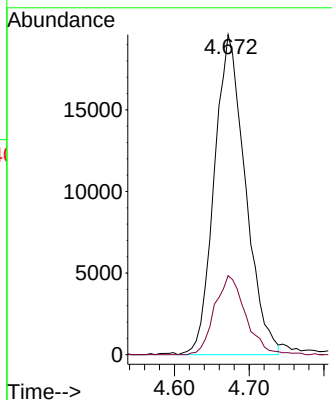
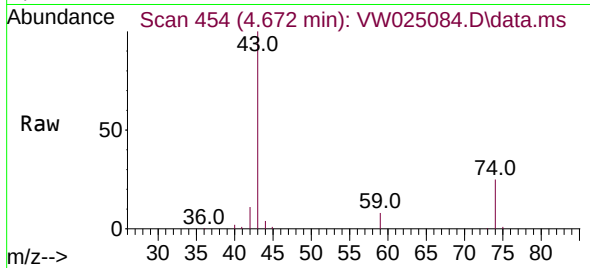




#15
Methyl Acetate
Concen: 25.200 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

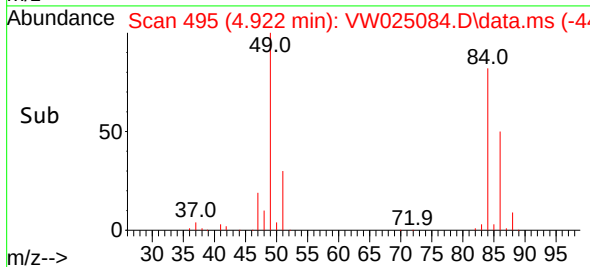
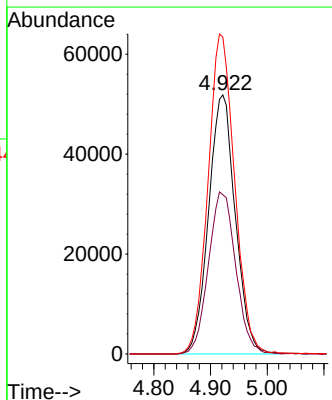
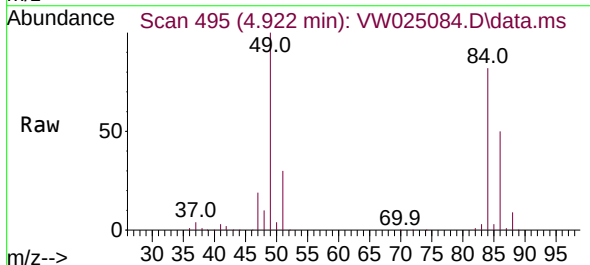
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

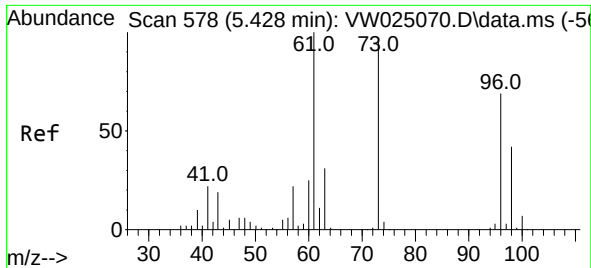
Tgt Ion: 43 Resp: 56734
Ion Ratio Lower Upper
43 100
74 24.5 20.6 30.8



#16
Methylene chloride
Concen: 22.739 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 84 Resp: 169644
Ion Ratio Lower Upper
84 100
86 61.5 42.6 79.0
49 122.4 81.9 152.1

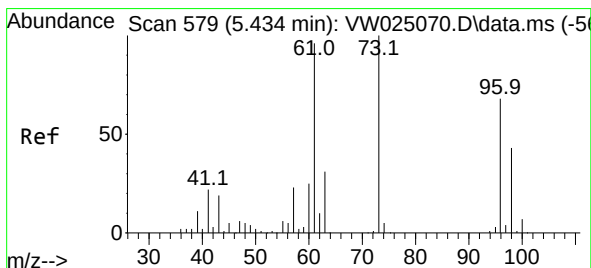
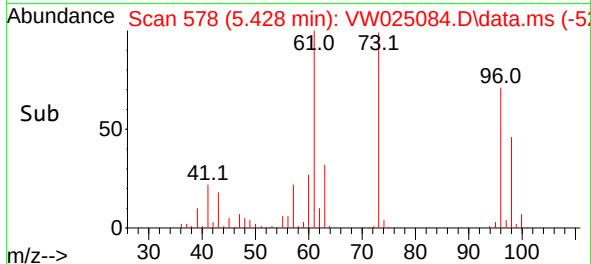
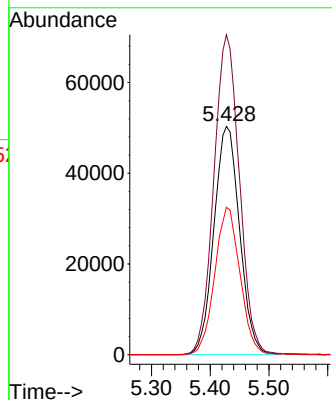
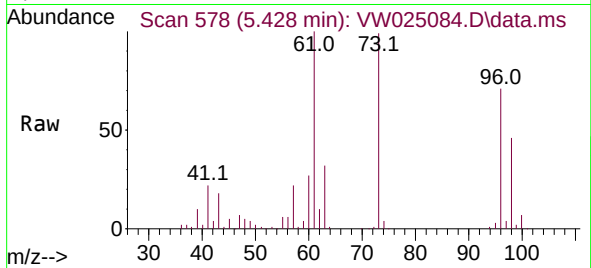




#17
trans-1,2-Dichloroethene
Concen: 27.406 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

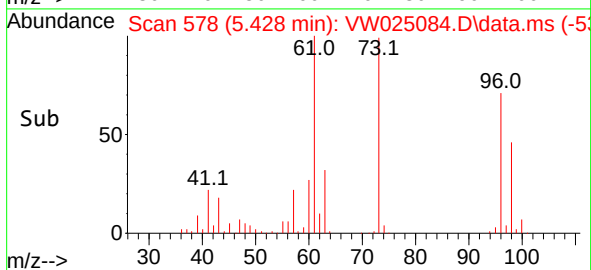
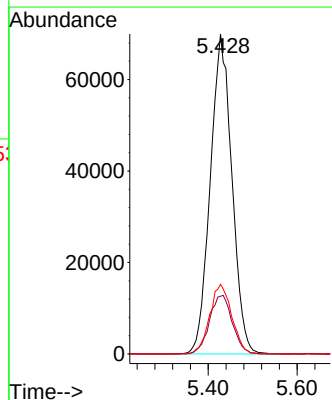
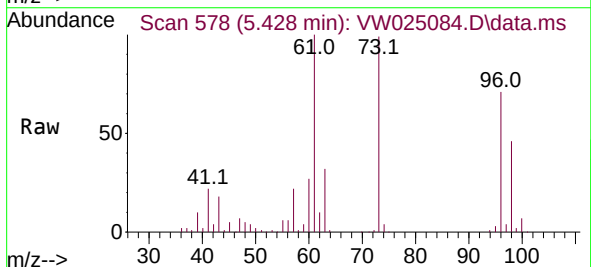
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

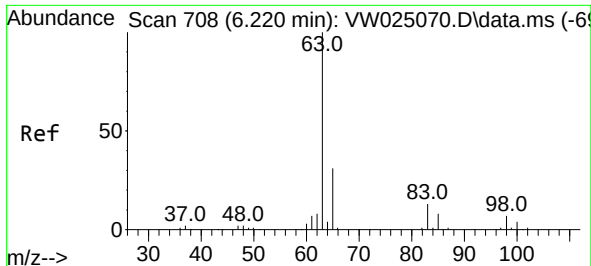
Tgt Ion: 96 Resp: 152958
Ion Ratio Lower Upper
96 100
61 140.1 97.6 181.2
98 64.6 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 25.219 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 73 Resp: 236107
Ion Ratio Lower Upper
73 100
43 19.4 16.6 24.8
57 22.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 28.845 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

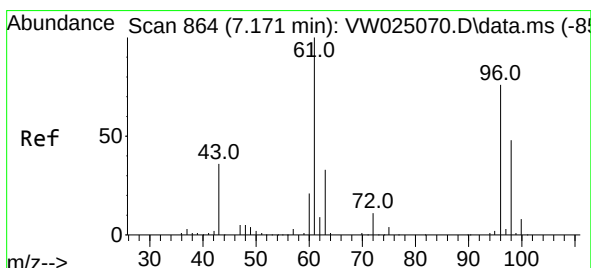
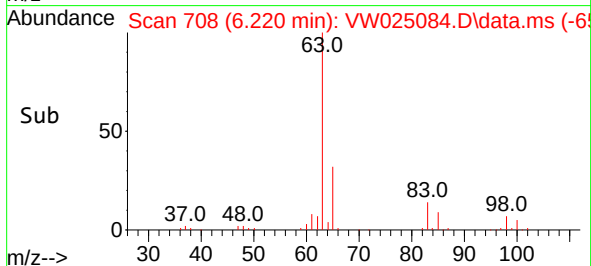
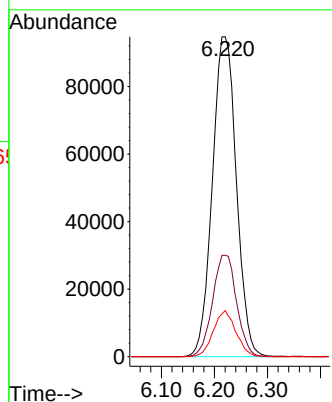
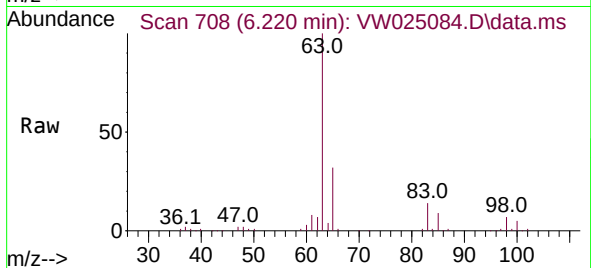
Tgt Ion: 63 Resp: 298054

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 14.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 28.678 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

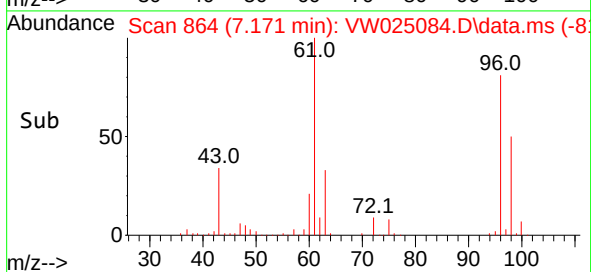
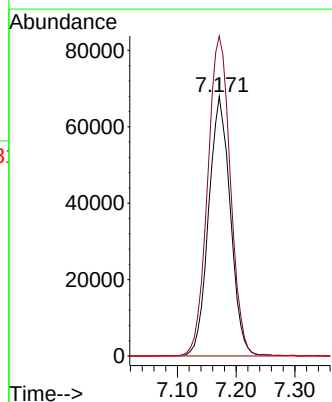
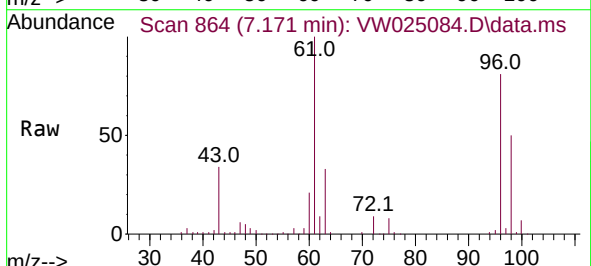
Tgt Ion: 96 Resp: 174450

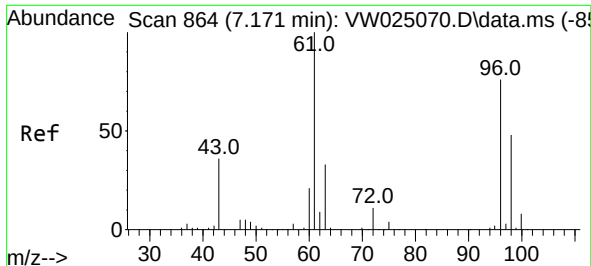
Ion Ratio Lower Upper

96 100

61 123.3 91.8 170.6

68 0.0 0.0 0.0

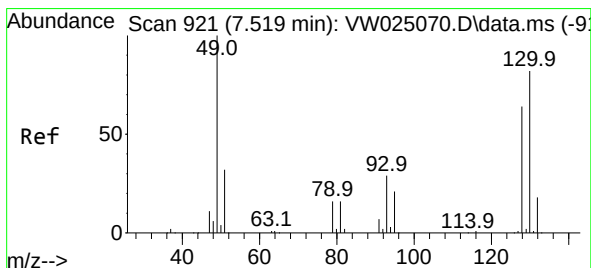
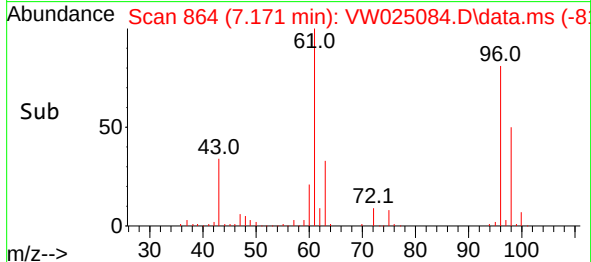
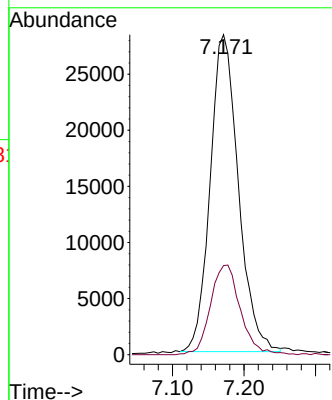
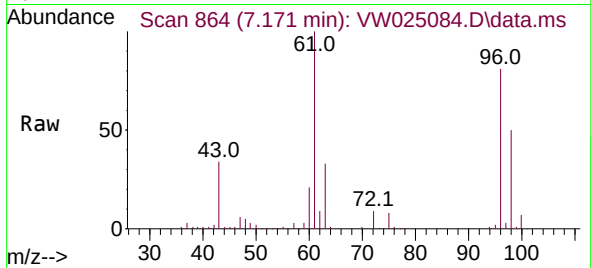




#22
2-Butanone
Concen: 45.726 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

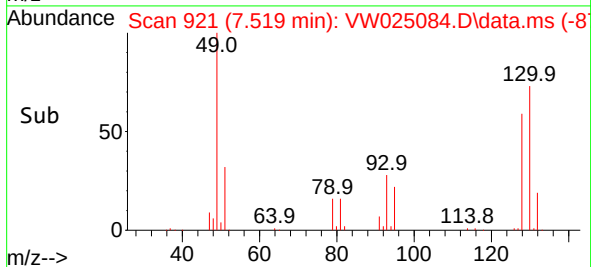
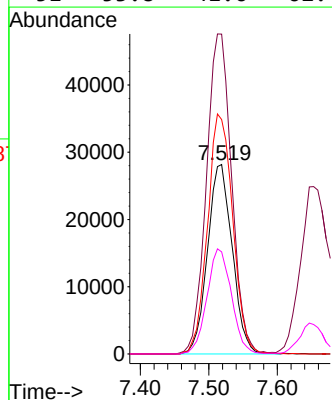
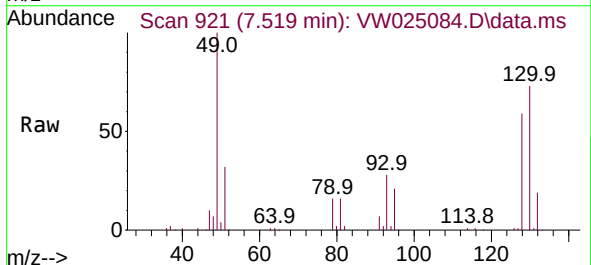
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

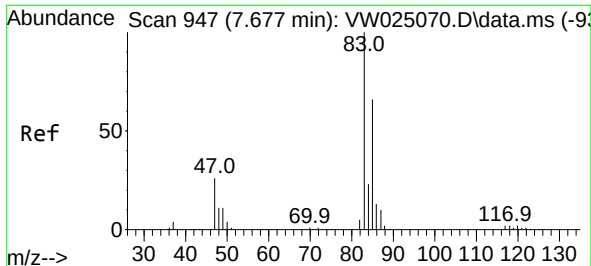
Tgt Ion: 43 Resp: 77468
Ion Ratio Lower Upper
43 100
72 29.9 14.6 44.0



#23
Bromochloromethane
Concen: 26.802 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 128 Resp: 70682
Ion Ratio Lower Upper
128 100
49 168.7 112.8 209.4
130 123.7 86.2 160.2
51 53.8 41.6 62.4

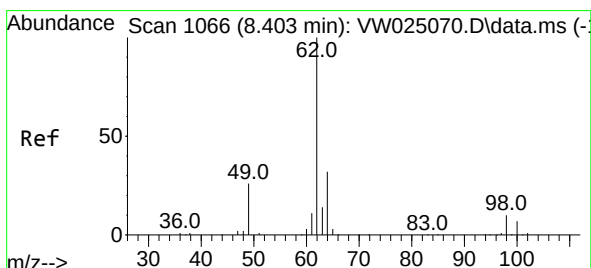
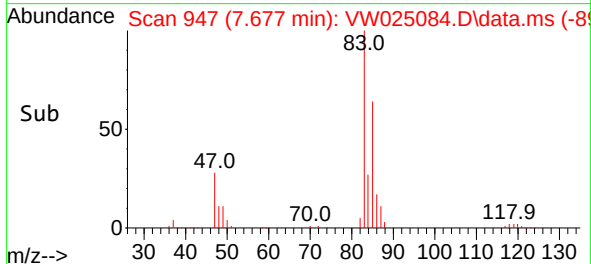
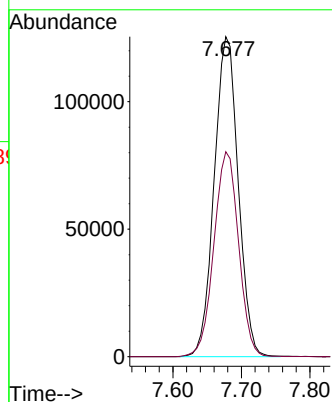
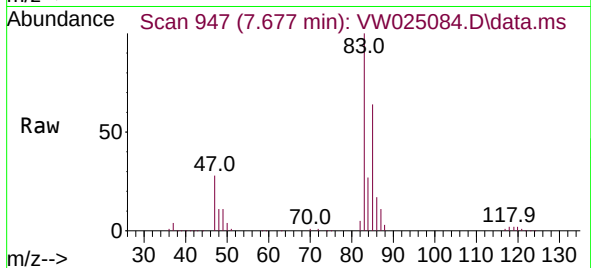




#25
Chloroform
Concen: 27.989 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

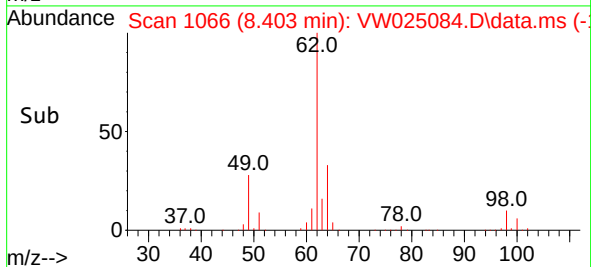
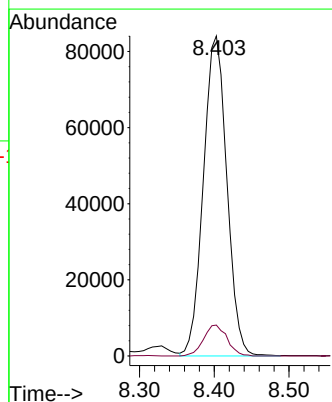
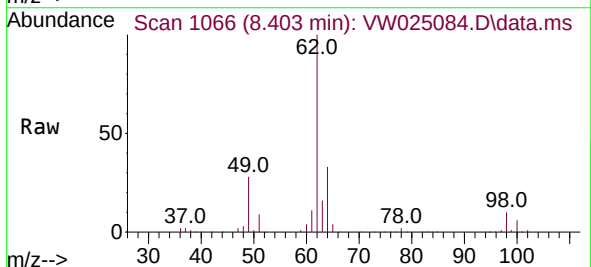
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

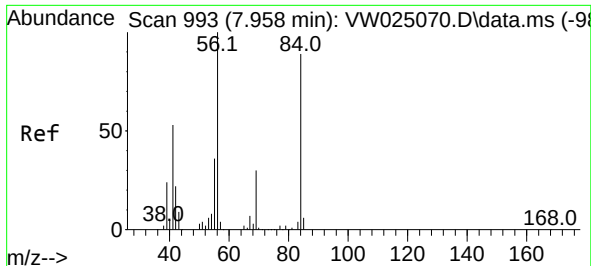
Tgt Ion: 83 Resp: 305229
Ion Ratio Lower Upper
83 100
85 64.0 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.793 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 62 Resp: 183397
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.4





#29

Cyclohexane

Concen: 28.322 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

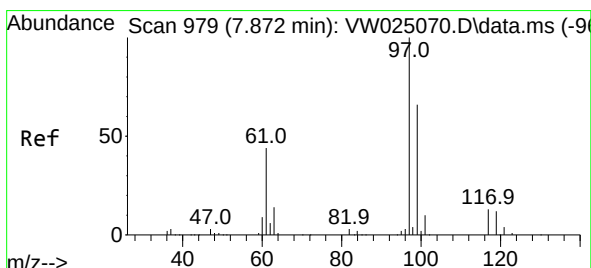
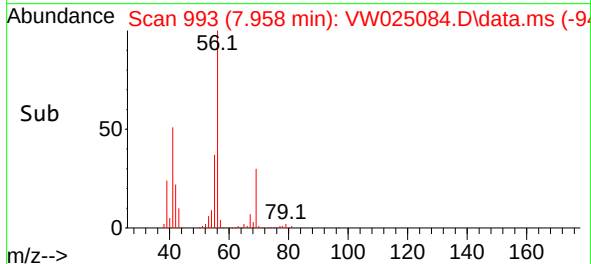
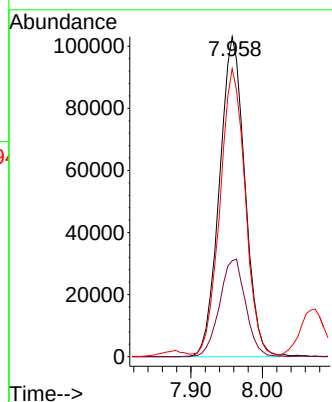
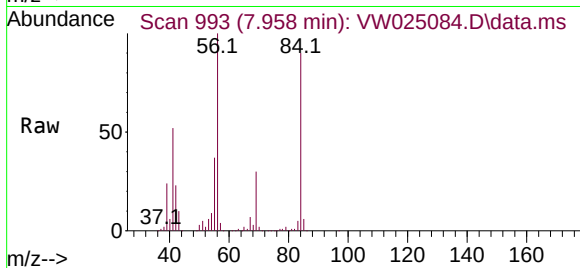
Tgt Ion: 56 Resp: 253880

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 89.9 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 26.734 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

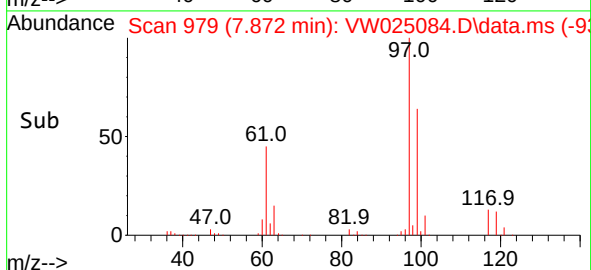
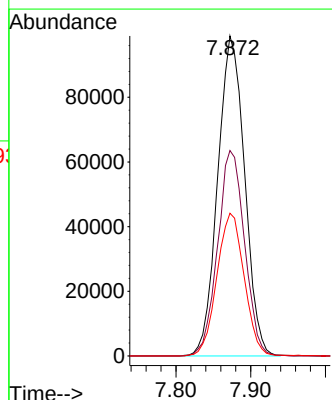
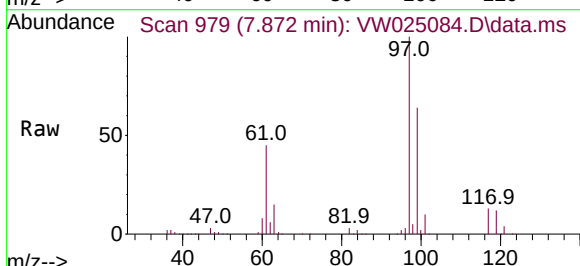
Tgt Ion: 97 Resp: 248363

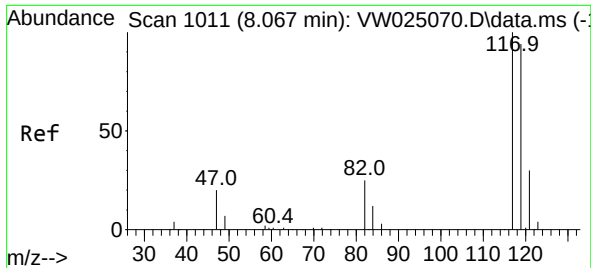
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 45.0 36.6 54.8

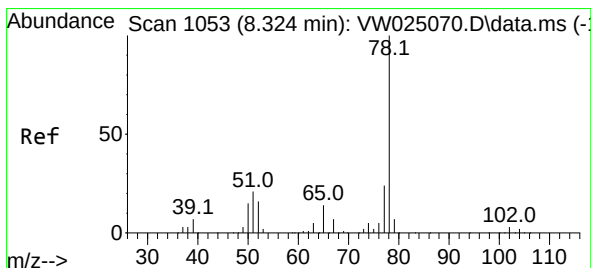
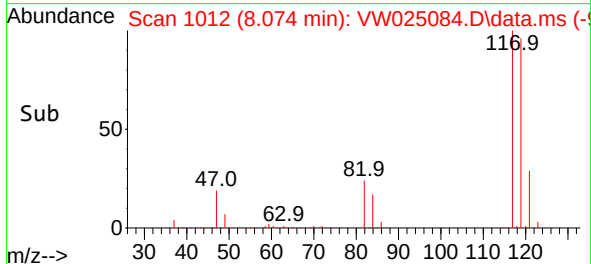
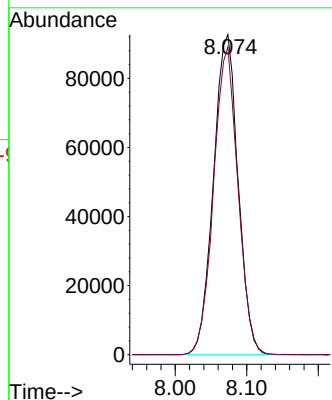
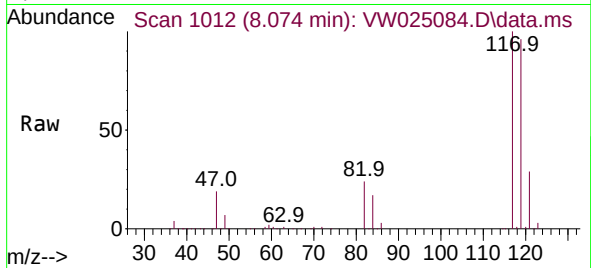




#31
Carbon tetrachloride
Concen: 26.743 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

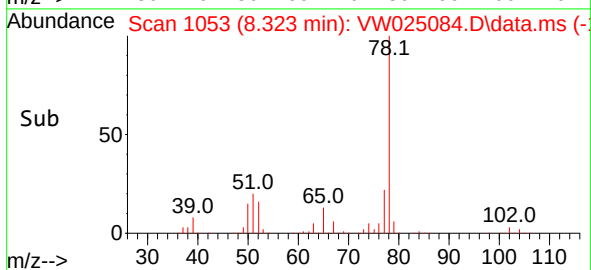
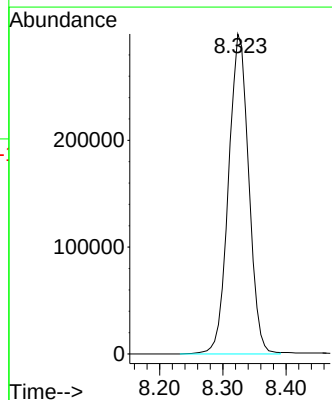
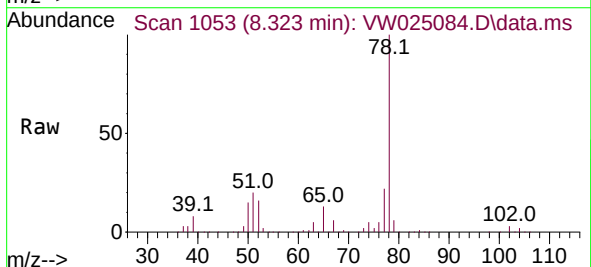
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

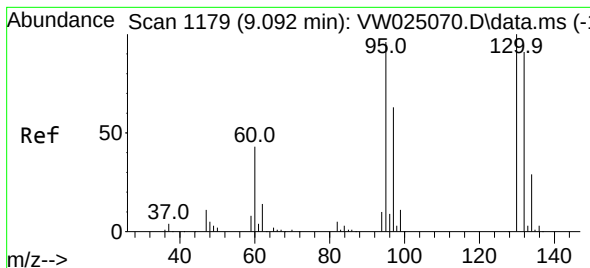
Tgt Ion:117 Resp: 222007
Ion Ratio Lower Upper
117 100
119 94.6 77.7 116.5



#33
Benzene
Concen: 29.120 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 78 Resp: 665729





#34

Trichloroethene

Concen: 28.608 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

Tgt Ion: 95 Resp: 173130

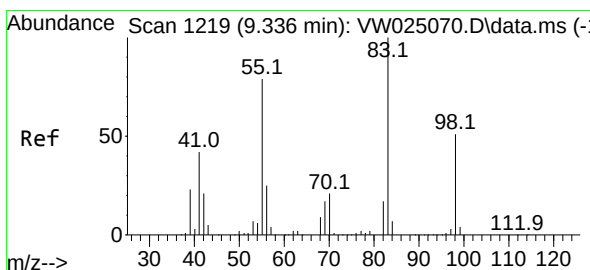
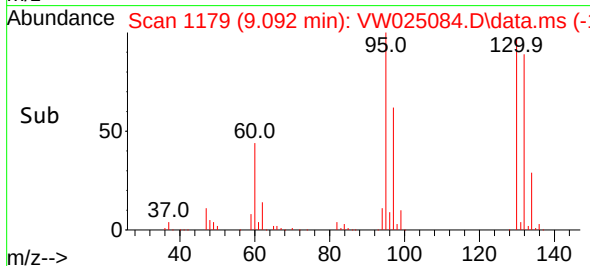
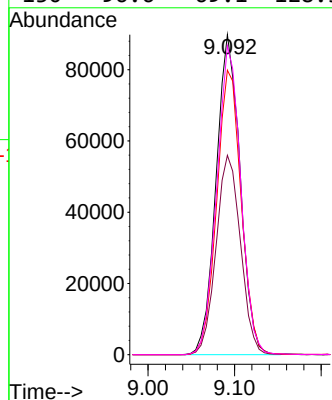
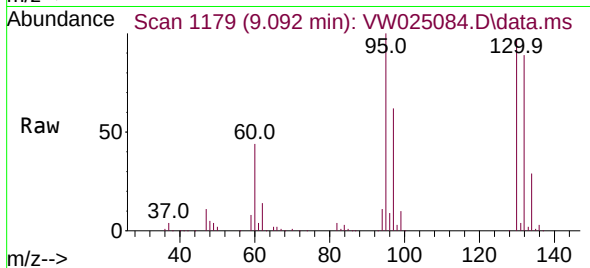
Ion Ratio Lower Upper

95 100

97 62.3 44.7 83.1

132 88.9 62.6 116.2

130 96.6 69.1 128.3



#35

Methylcyclohexane

Concen: 28.104 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

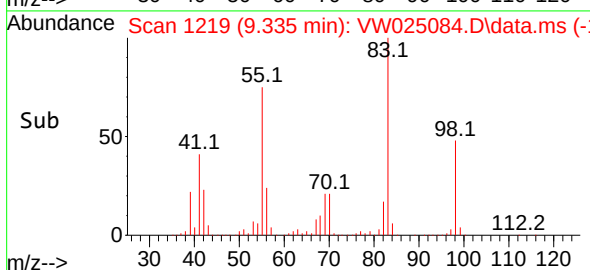
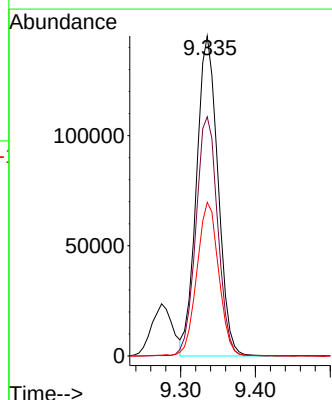
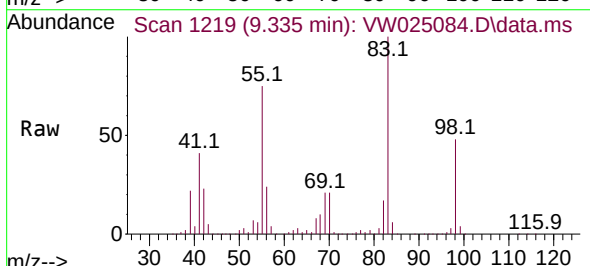
Tgt Ion: 83 Resp: 288998

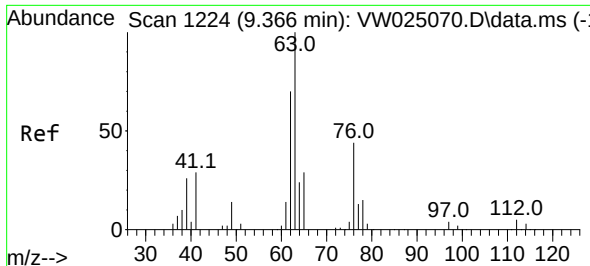
Ion Ratio Lower Upper

83 100

55 76.1 60.4 90.6

98 48.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 30.555 ug/L

RT: 9.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

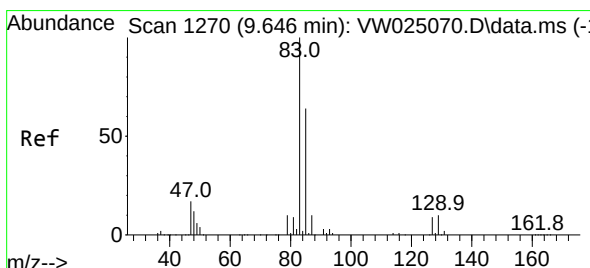
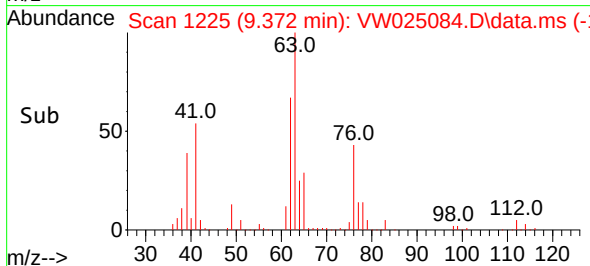
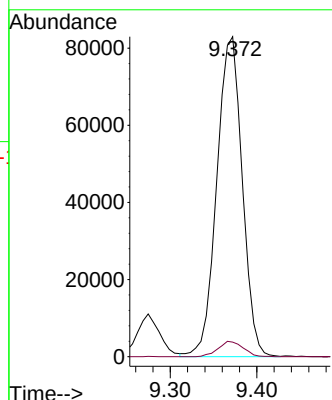
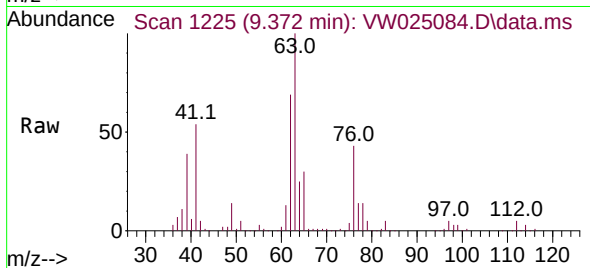
VSTD025502

Tgt Ion: 63 Resp: 169539

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 28.597 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

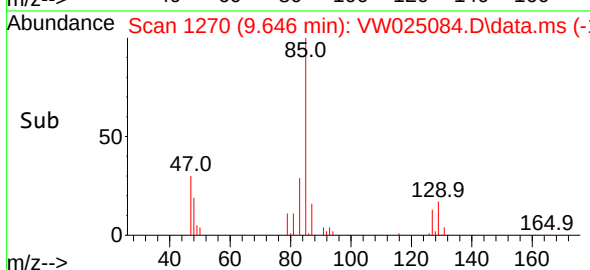
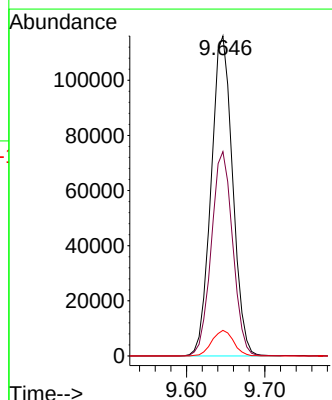
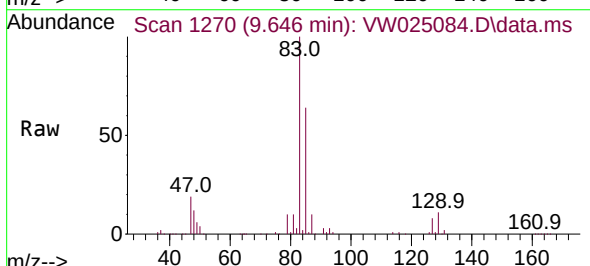
Tgt Ion: 83 Resp: 221460

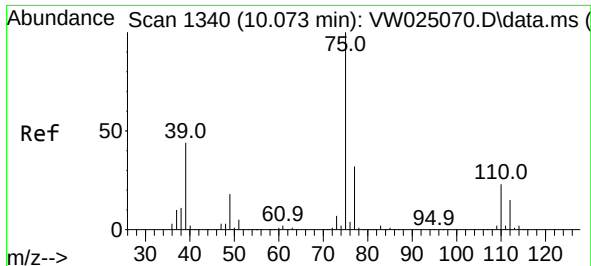
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0

127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 29.204 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

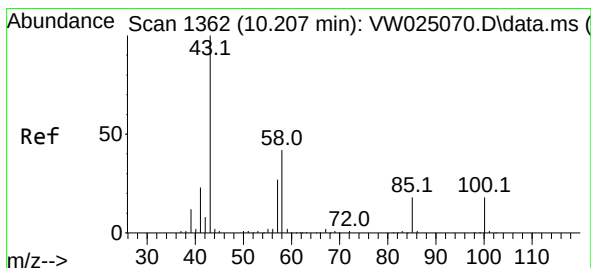
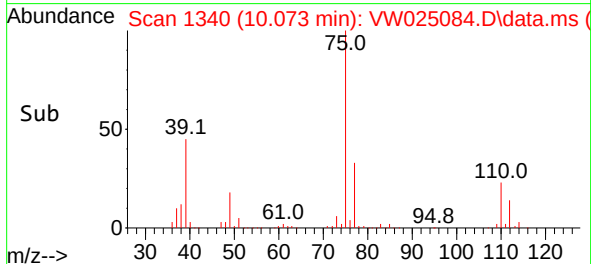
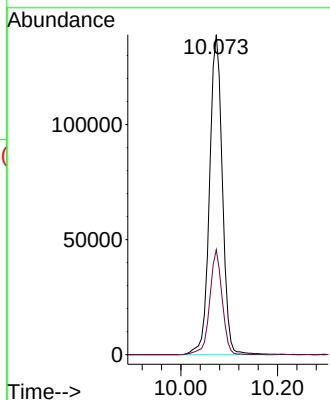
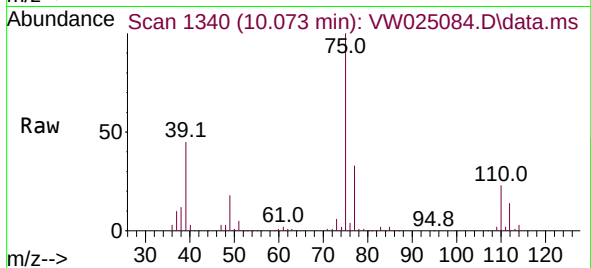
VSTD025502

Tgt Ion: 75 Resp: 256175

Ion Ratio Lower Upper

75 100

77 32.8 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 51.636 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

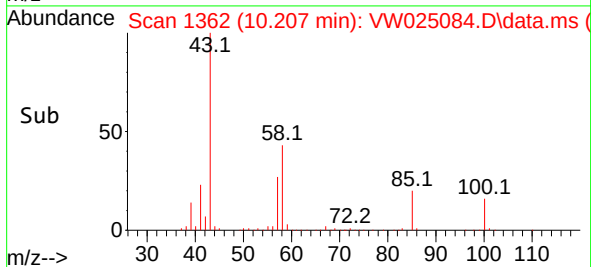
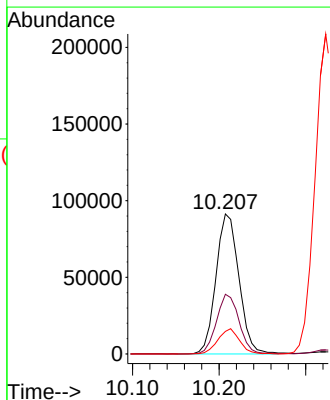
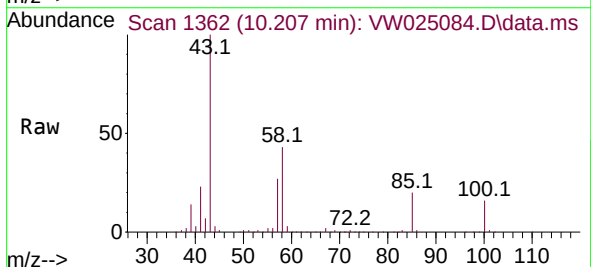
Tgt Ion: 43 Resp: 168134

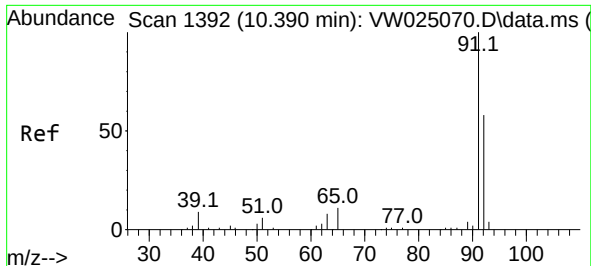
Ion Ratio Lower Upper

43 100

58 41.9 32.6 48.8

100 16.9 14.0 21.0

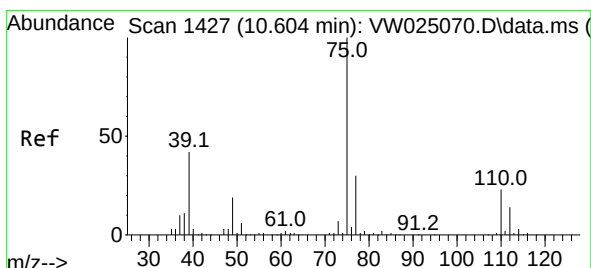
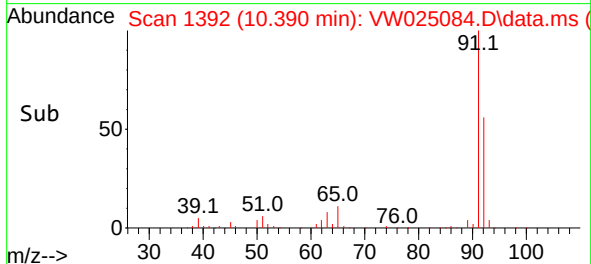
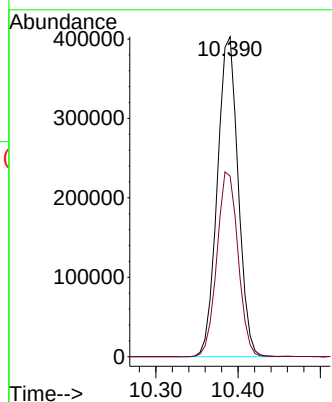
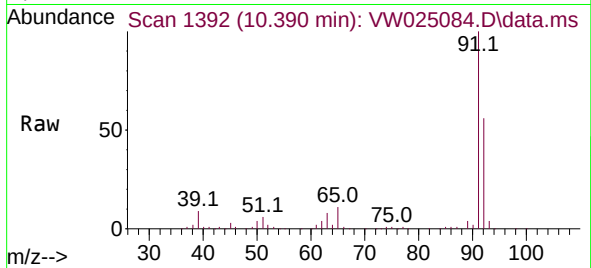




#42
Toluene
Concen: 29.149 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

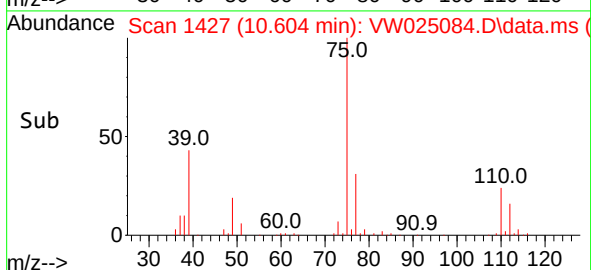
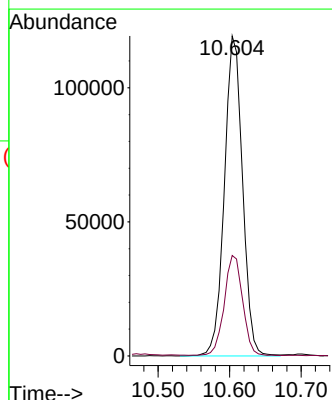
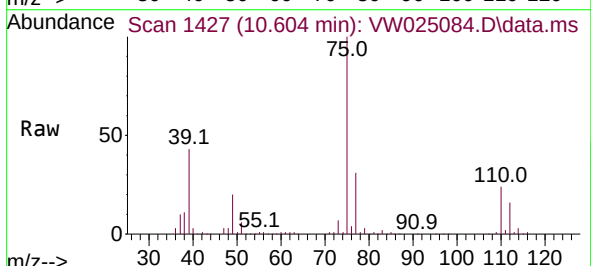
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

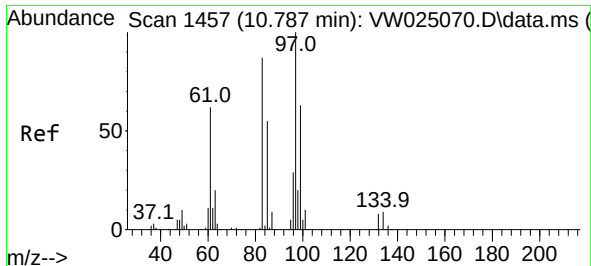
Tgt Ion: 91 Resp: 707468
Ion Ratio Lower Upper
91 100
92 56.4 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 26.964 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 75 Resp: 210275
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.5

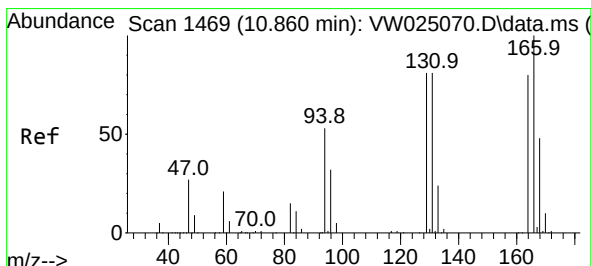
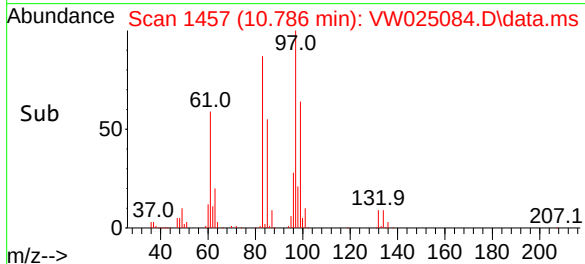
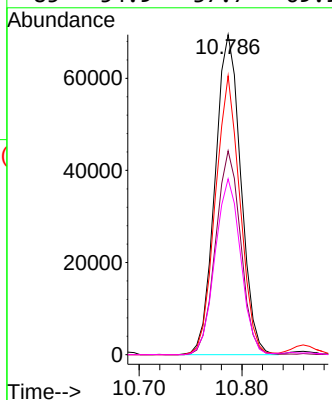
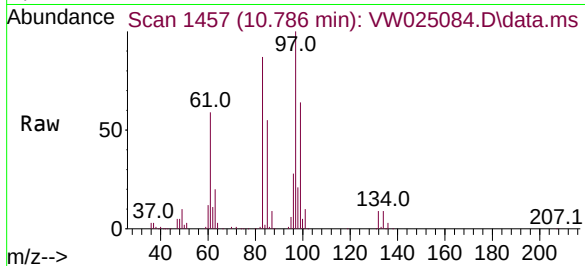




#45
1,1,2-Trichloroethane
Concen: 28.864 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

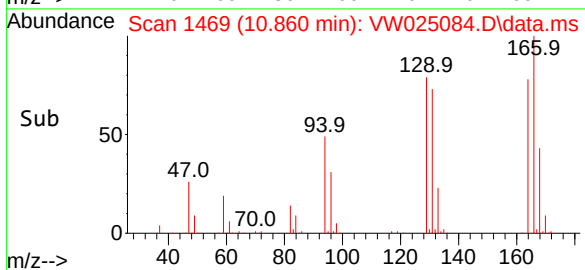
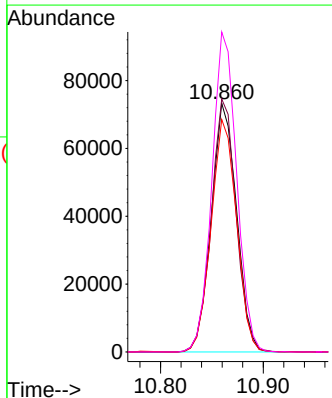
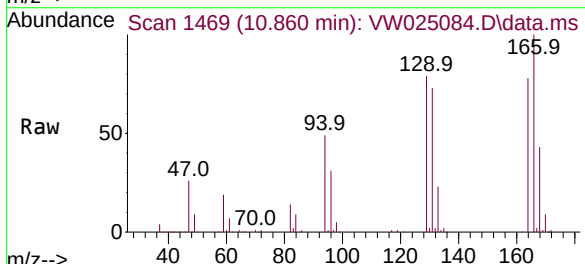
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

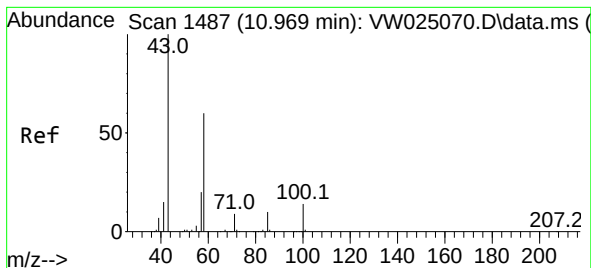
Tgt Ion:	97	Resp:	120924
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.0	81.6
83	87.1	59.9	111.3
85	54.9	37.7	69.9



#46
Tetrachloroethene
Concen: 28.993 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion:	164	Resp:	125484
Ion	Ratio	Lower	Upper
164	100		
129	101.7	72.9	135.5
131	93.5	70.1	130.3
166	128.7	80.2	148.9



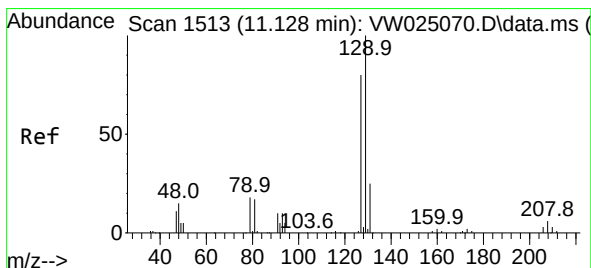
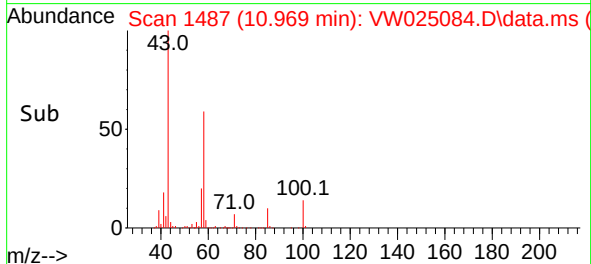
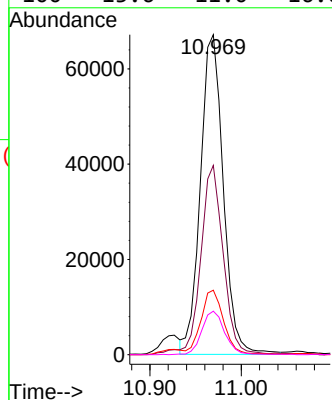
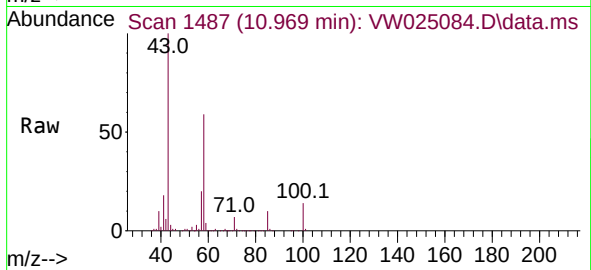


#48
2-Hexanone
Concen: 51.844 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

Tgt Ion: 43 Resp: 116746

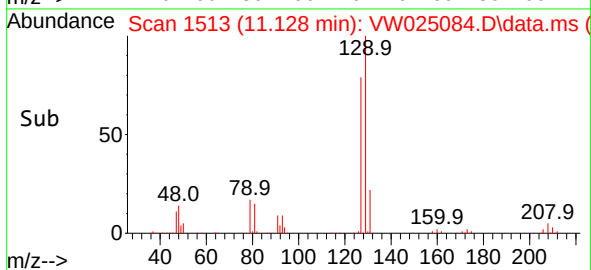
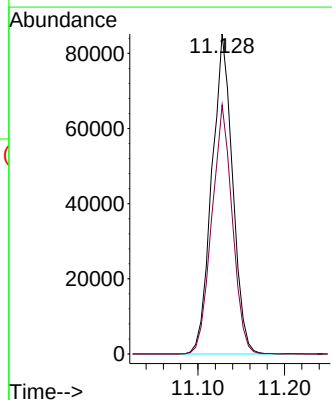
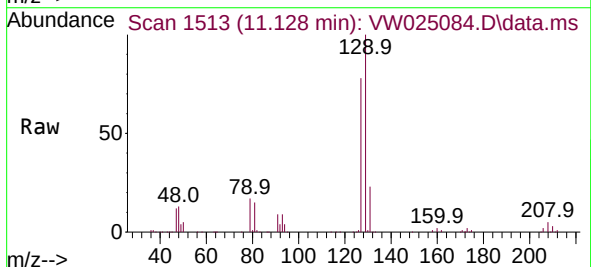
Ion	Ratio	Lower	Upper
43	100		
58	55.9	46.1	69.1
57	20.1	16.2	24.2
100	13.6	11.0	16.6

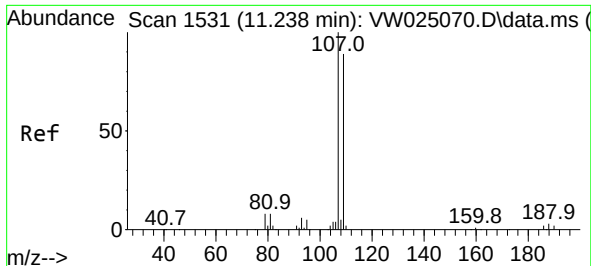


#49
Dibromochloromethane
Concen: 27.672 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 129 Resp: 141315

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.2	98.8





#50

1,2-Dibromoethane

Concen: 27.219 ug/L

RT: 11.238 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

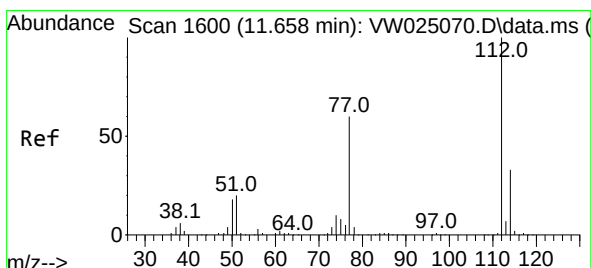
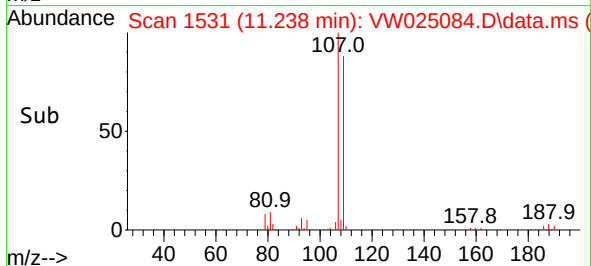
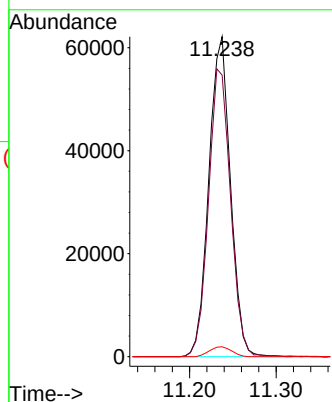
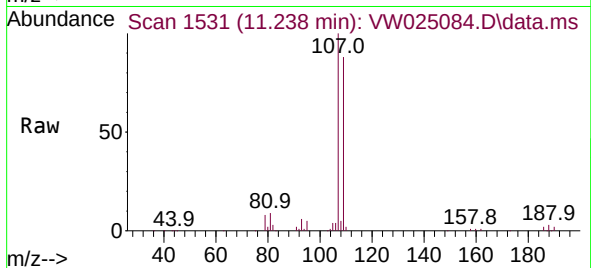
Tgt Ion:107 Resp: 107850

Ion Ratio Lower Upper

107 100

109 88.0 64.5 119.7

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 28.463 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

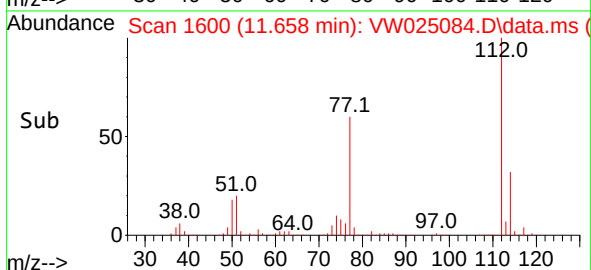
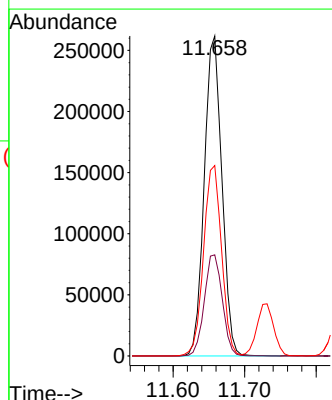
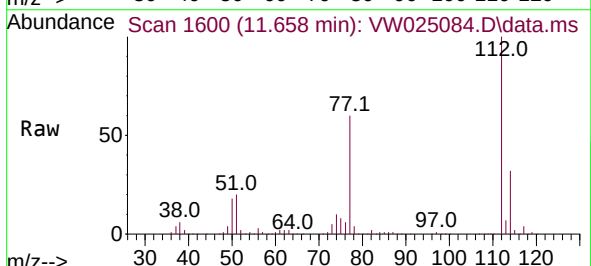
Tgt Ion:112 Resp: 447780

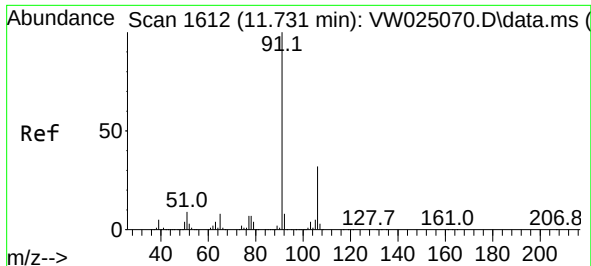
Ion Ratio Lower Upper

112 100

114 31.6 20.8 38.6

77 59.5 48.2 72.2

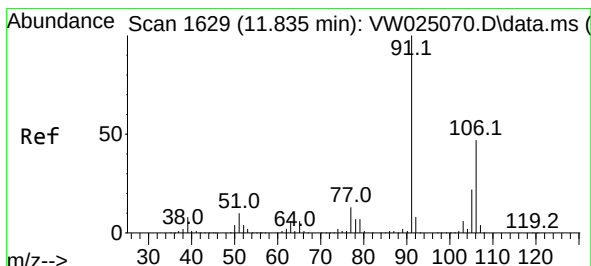
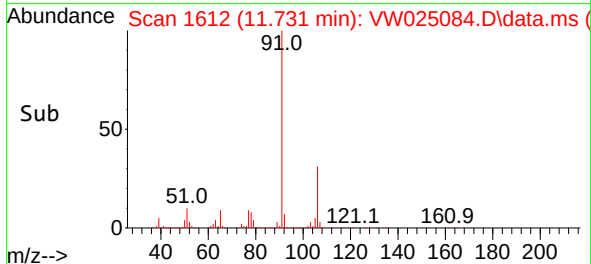
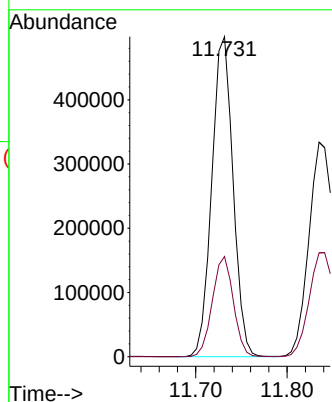
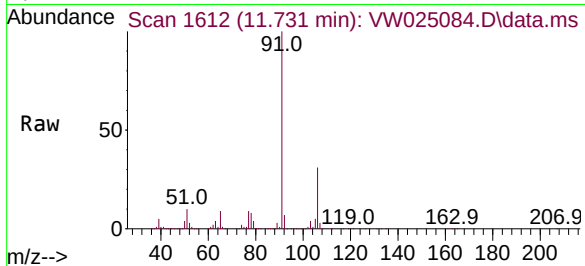




#52
Ethylbenzene
Concen: 28.688 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

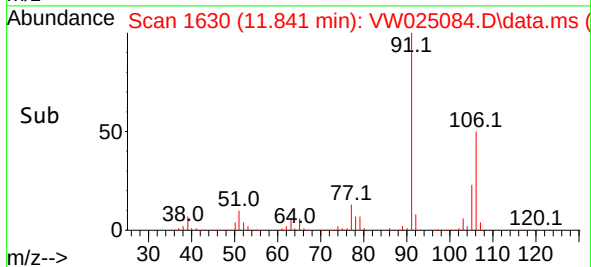
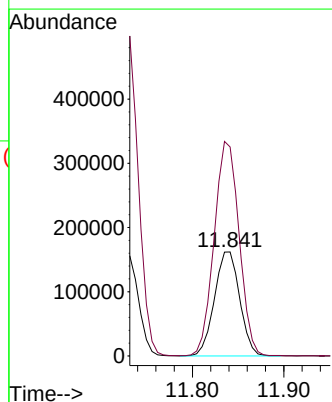
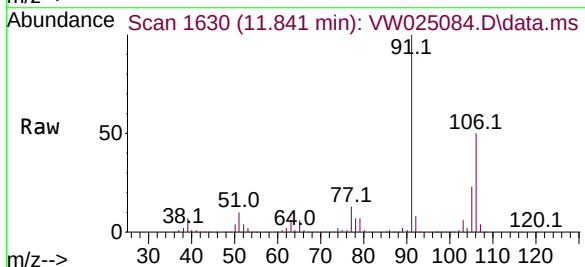
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

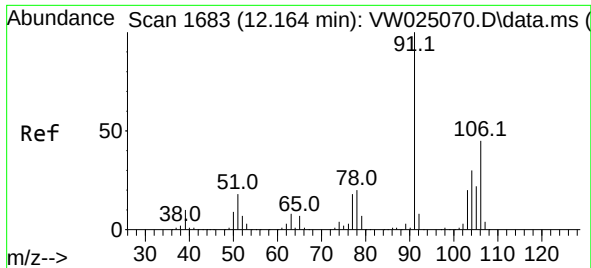
Tgt Ion: 91 Resp: 803724
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5



#53
m,p-Xylene
Concen: 28.601 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion:106 Resp: 310172
Ion Ratio Lower Upper
106 100
91 201.0 143.9 267.2

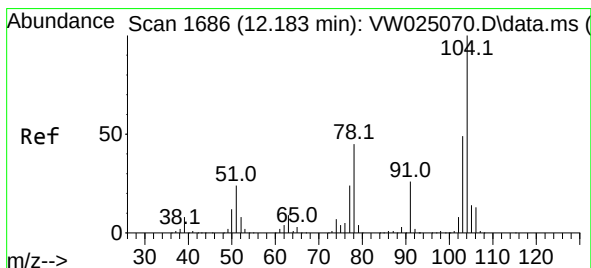
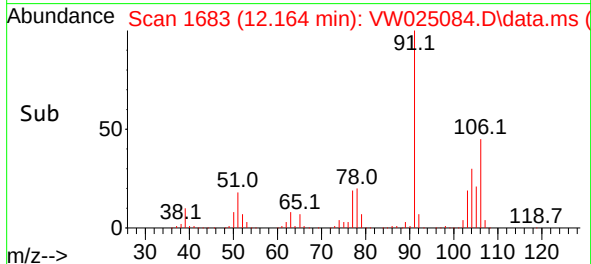
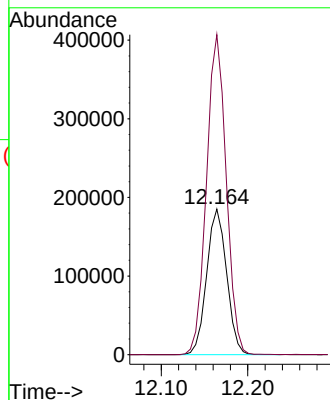
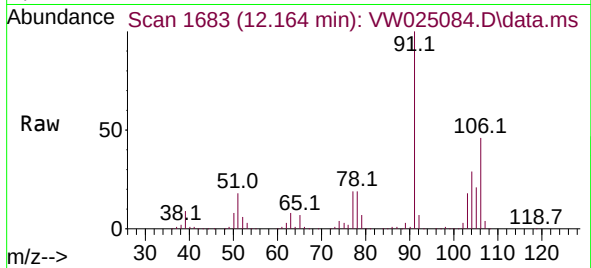




#54
o-Xylene
Concen: 28.998 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

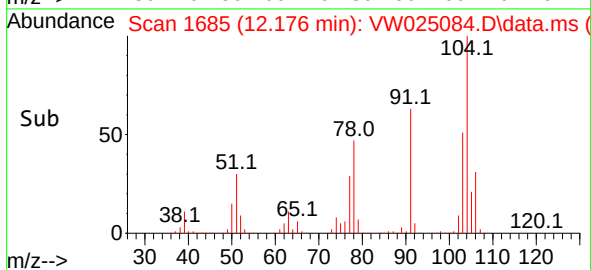
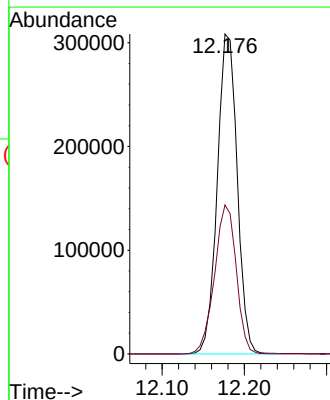
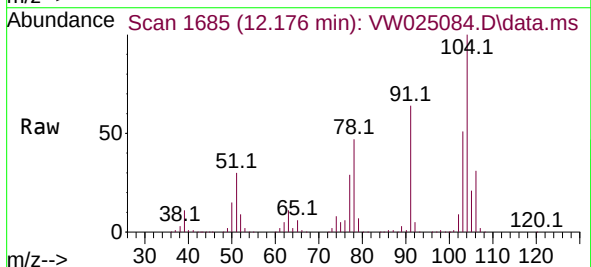
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

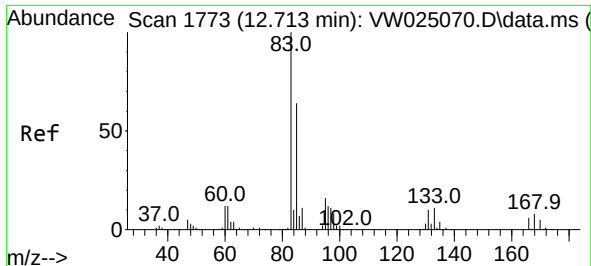
Tgt Ion:106 Resp: 296675
Ion Ratio Lower Upper
106 100
91 219.7 153.5 285.1



#55
Styrene
Concen: 29.282 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion:104 Resp: 520343
Ion Ratio Lower Upper
104 100
78 46.6 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.407 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

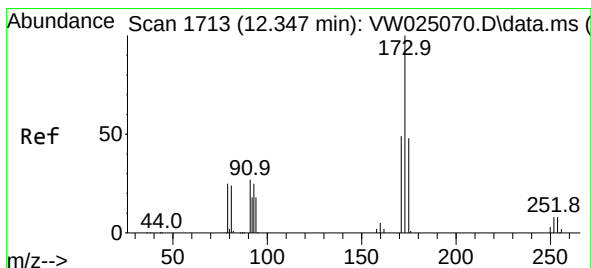
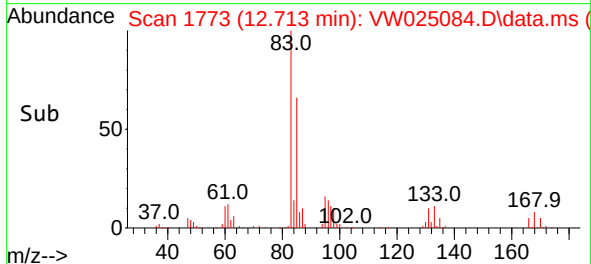
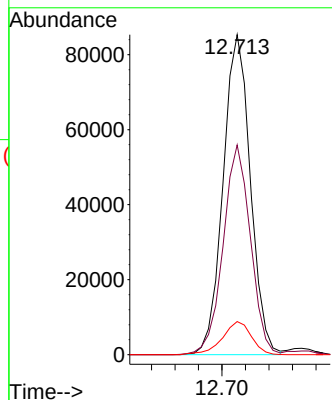
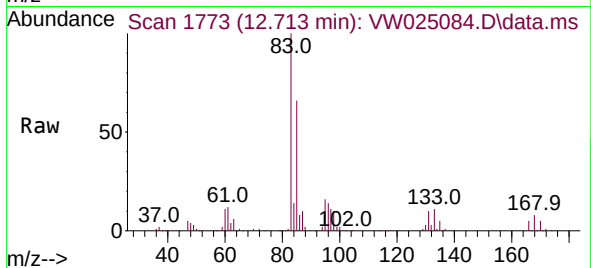
Tgt Ion: 83 Resp: 137741

Ion Ratio Lower Upper

83 100

85 65.6 46.4 86.2

131 10.3 8.2 12.4



#59

Bromoform

Concen: 26.513 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

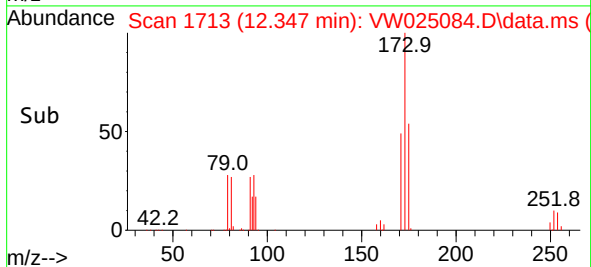
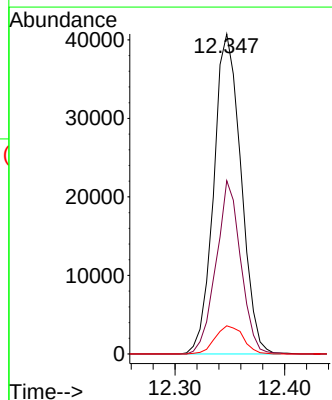
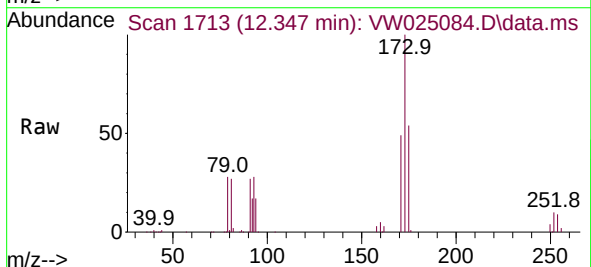
Tgt Ion:173 Resp: 70460

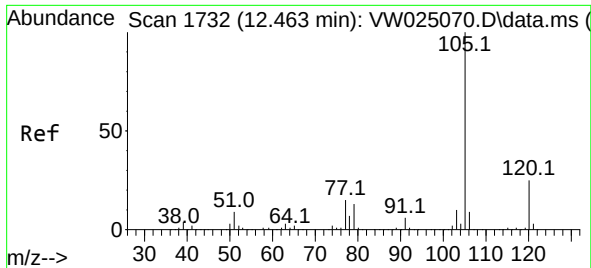
Ion Ratio Lower Upper

173 100

175 49.0 37.4 56.2

254 9.0 5.8 8.8#

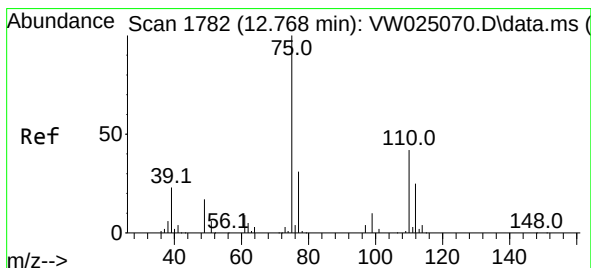
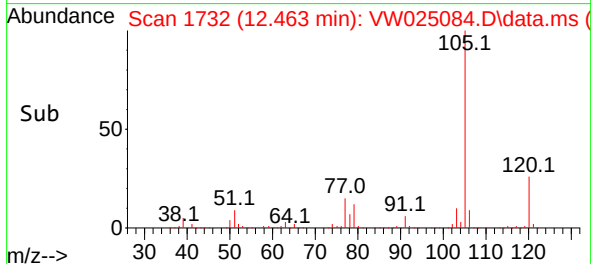
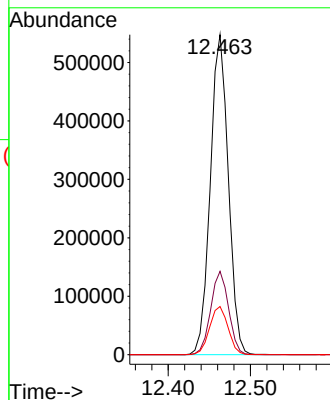
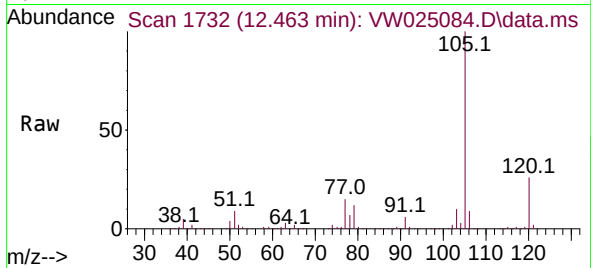




#60
Isopropylbenzene
Concen: 29.492 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

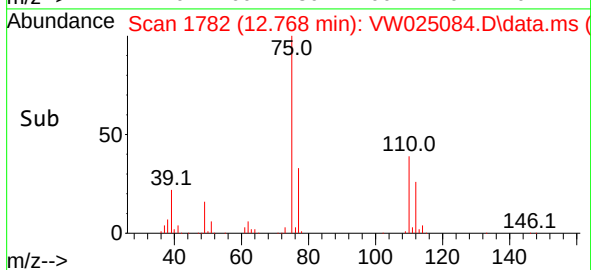
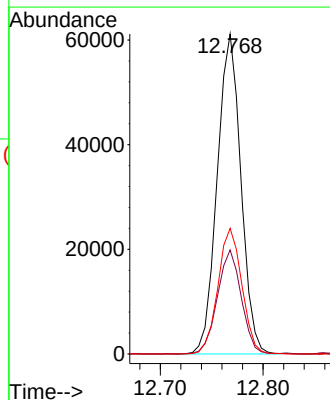
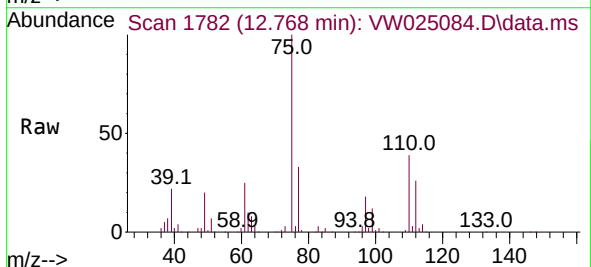
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

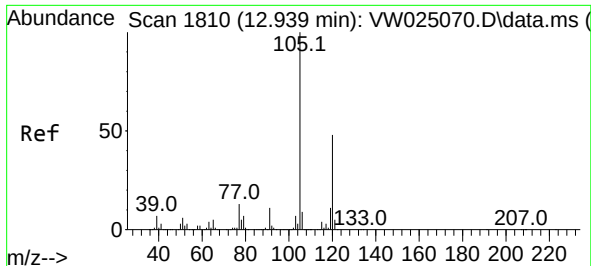
Tgt Ion:105 Resp: 833121
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 25.895 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion: 75 Resp: 97748
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 39.5 31.7 47.5

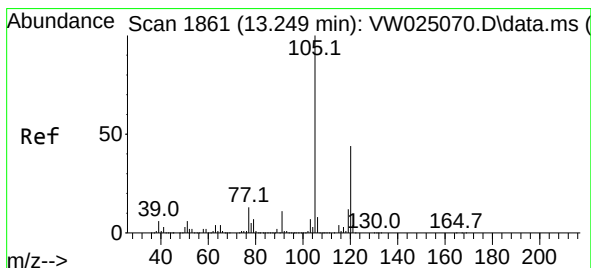
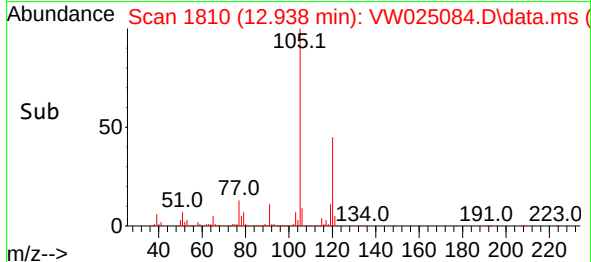
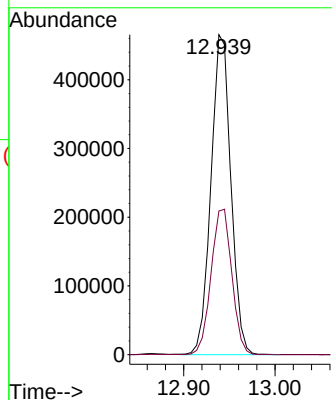
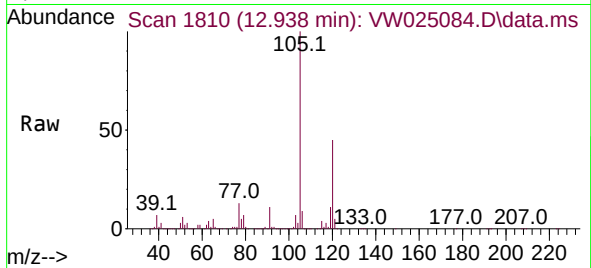




#62
1,3,5-Trimethylbenzene
Concen: 28.728 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

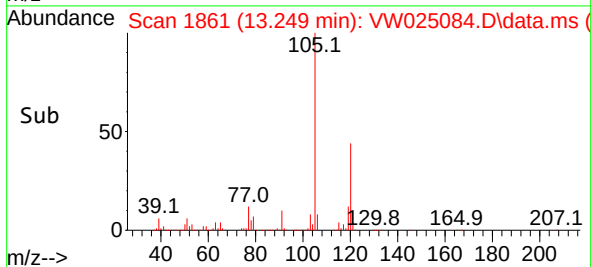
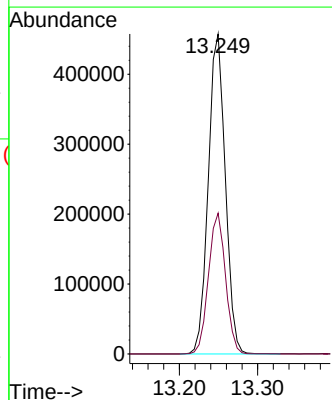
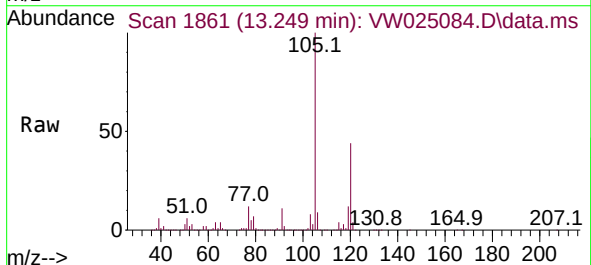
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

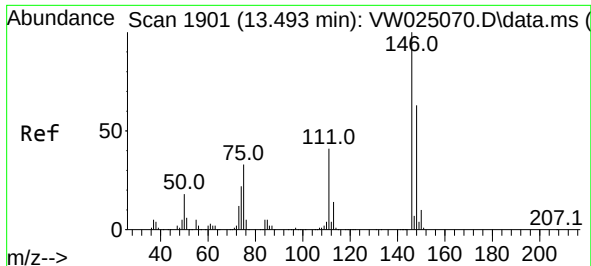
Tgt Ion:105 Resp: 704465
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 28.696 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion:105 Resp: 690019
Ion Ratio Lower Upper
105 100
120 43.9 35.7 53.5

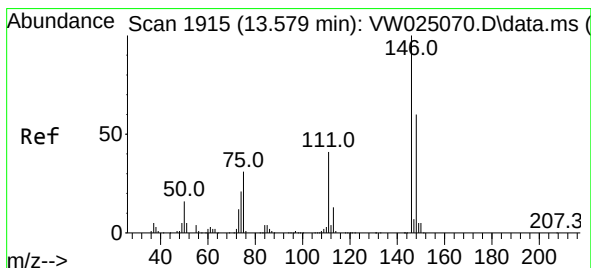
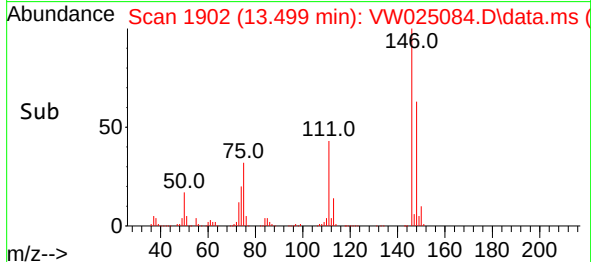
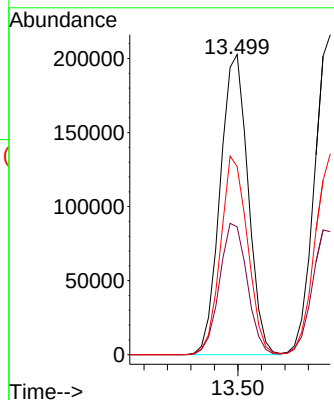
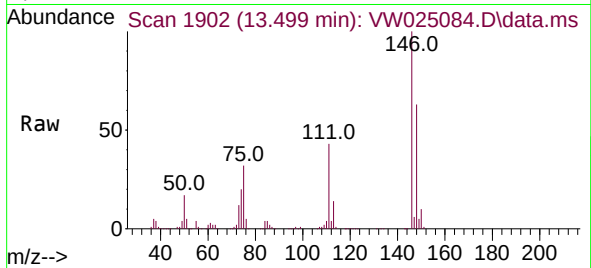




#64
1,3-Dichlorobenzene
Concen: 28.406 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

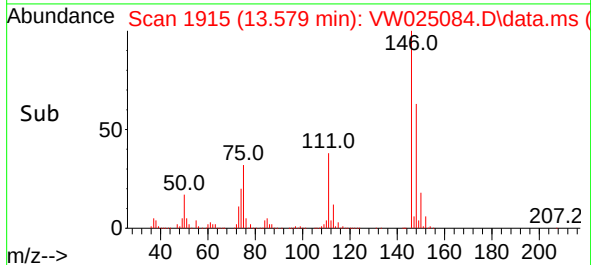
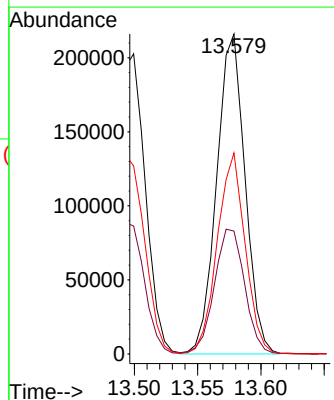
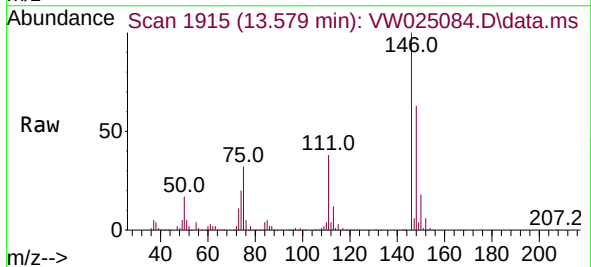
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

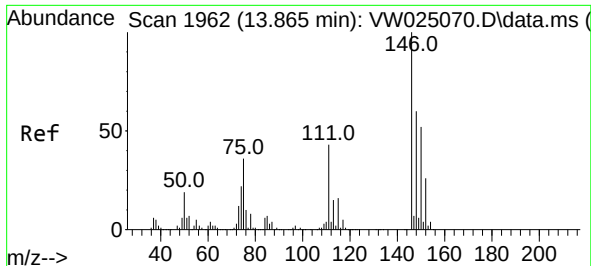
Tgt Ion:146 Resp: 334669
Ion Ratio Lower Upper
146 100
111 42.6 31.1 57.7
148 62.6 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 28.690 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion:146 Resp: 337275
Ion Ratio Lower Upper
146 100
111 38.4 28.8 53.6
148 62.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 27.889 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

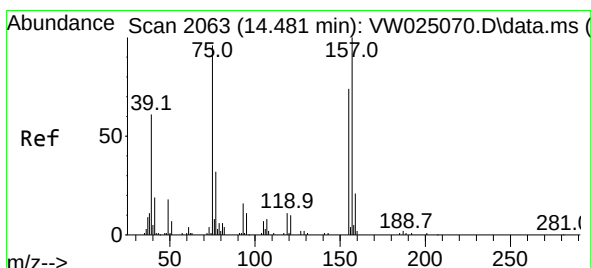
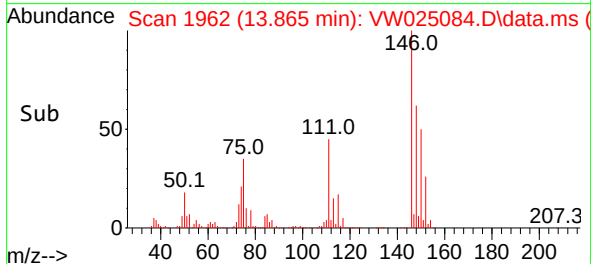
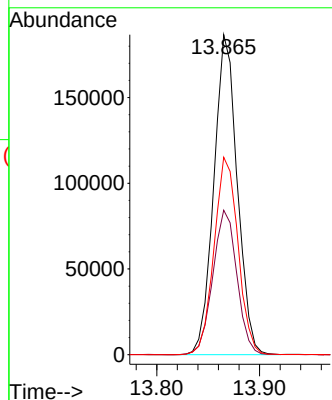
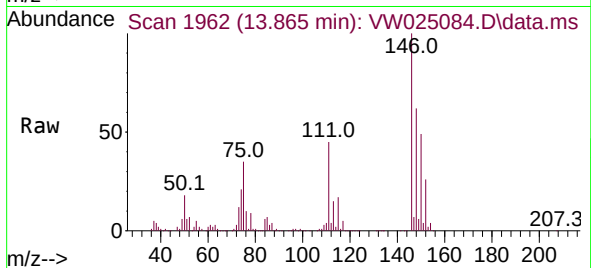
Tgt Ion:146 Resp: 295442

Ion Ratio Lower Upper

146 100

111 45.1 34.2 51.4

148 61.7 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.754 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

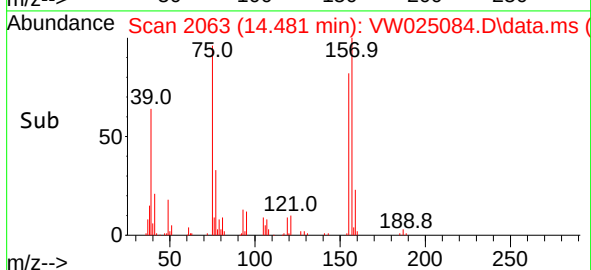
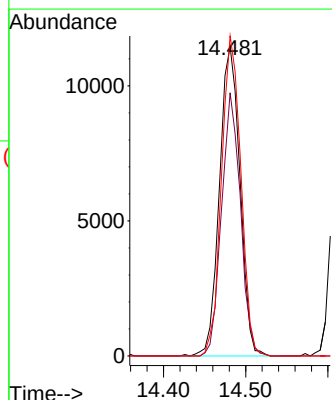
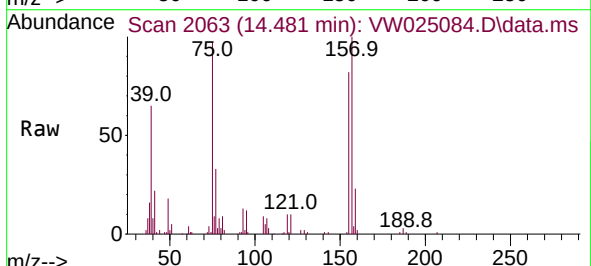
Tgt Ion: 75 Resp: 19849

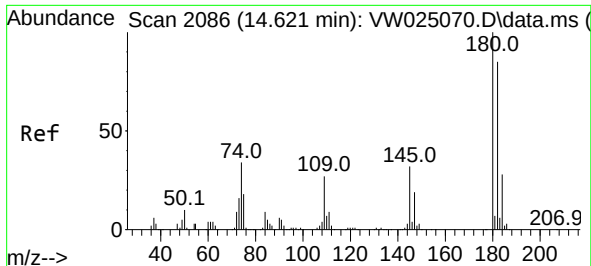
Ion Ratio Lower Upper

75 100

155 85.1 61.2 91.8

157 103.4 72.4 108.6

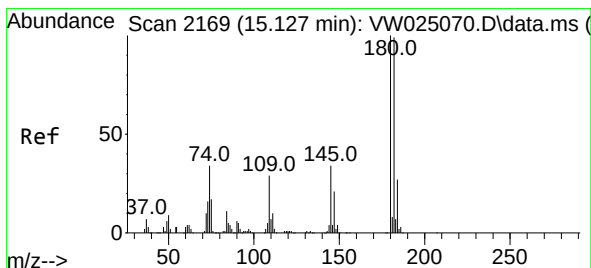
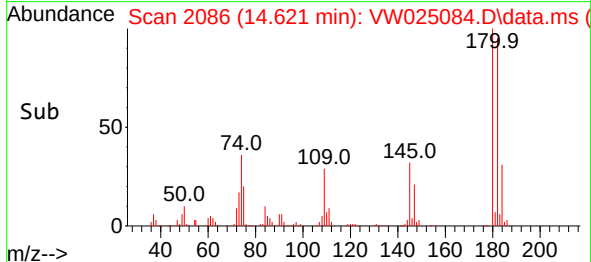
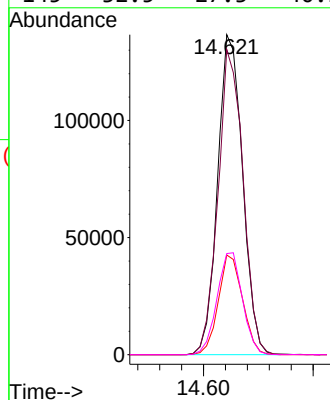
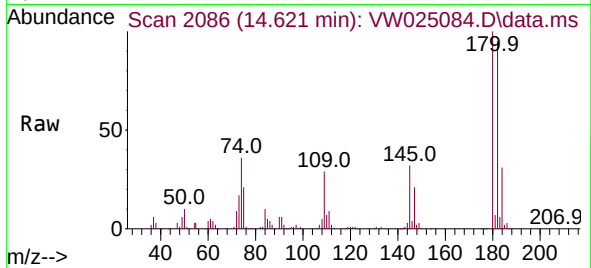




#69
1,3,5-Trichlorobenzene
Concen: 27.674 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

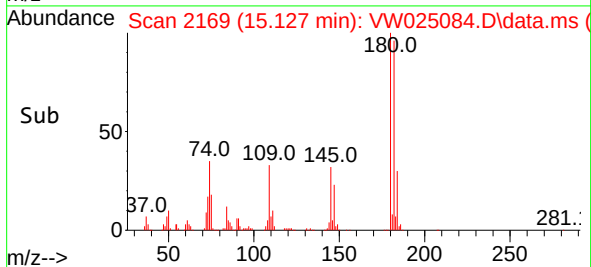
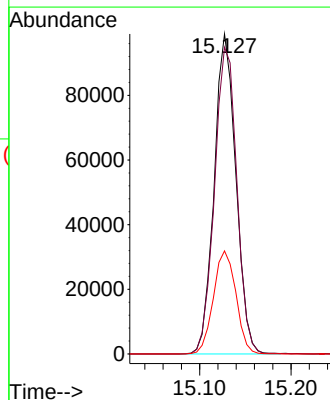
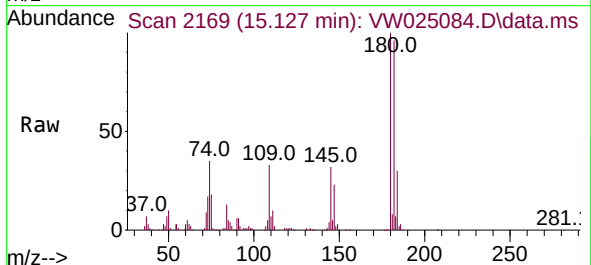
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

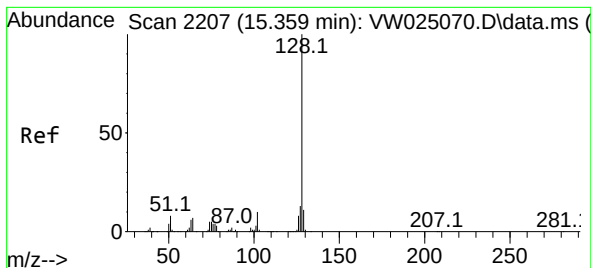
Tgt Ion:180	Resp:	215953
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.7 113.5
184	30.3	23.4 35.2
145	32.5	27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 26.963 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025084.D
Acq: 17 Nov 2022 18:17

Tgt Ion:180	Resp:	163538
Ion Ratio	Lower	Upper
180	100	
182	98.5	74.9 112.3
145	33.4	27.0 40.4





#71

Naphthalene

Concen: 25.232 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

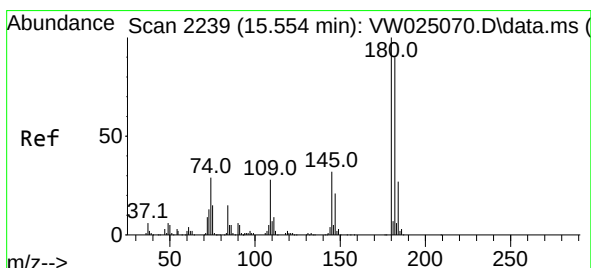
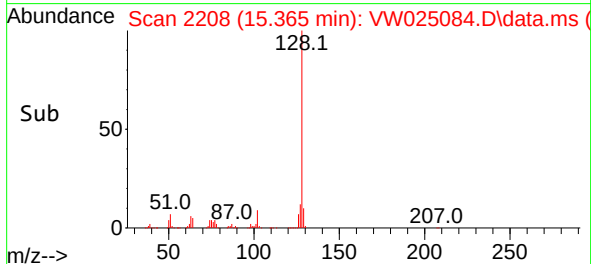
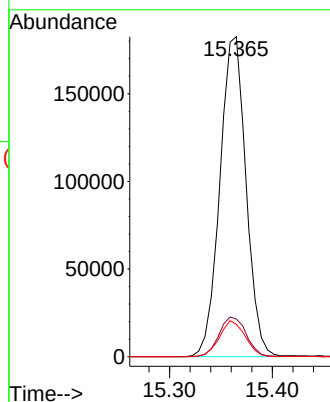
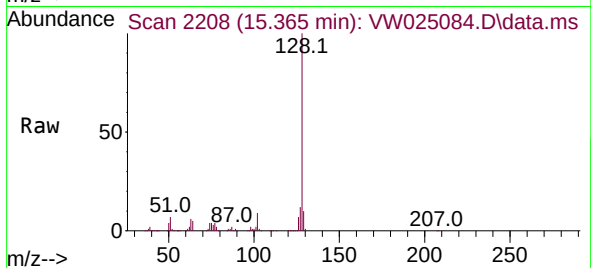
Tgt Ion:128 Resp: 322835

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.208 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW025084.D

Acq: 17 Nov 2022 18:17

Tgt Ion:180 Resp: 138503

Ion Ratio Lower Upper

180 100

182 94.0 74.1 111.1

145 36.4 28.2 42.2

