

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072722\
 Data File : VW024117.D
 Acq On : 27 Jul 2022 13:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Jul 27 15:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 23:39:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	225833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239932	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	128110	26.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.840%
7) Chloroethane-d5	2.873	69	79597	24.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
11) 1,1-Dichloroethene-d2	4.001	63	101094	23.718	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.880%
21) 2-Butanone-d5	7.080	46	33992	39.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.020%
24) Chloroform-d	7.641	84	142220	22.907	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.305	65	80094	22.454	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	8.269	84	261026	23.420	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	9.268	67	78195	22.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.960%
41) Toluene-d8	10.317	98	265323	23.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	10.573	79	35733	22.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.680%
47) 2-Hexanone-d5	10.921	63	29905	40.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.380%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	87761	21.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	103786	21.048	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	38866	23.303	ug/L	97
3) Chloromethane	2.209	50	123271	28.468	ug/L	99
5) Vinyl chloride	2.349	62	183126	27.133	ug/L	99
6) Bromomethane	2.770	94	101292	27.167	ug/L	93
8) Chloroethane	2.910	64	76048	25.614	ug/L	97
9) Trichlorofluoromethane	3.245	101	93536	29.770	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	71728	24.650	ug/L #	76
12) 1,1-Dichloroethene	4.025	96	61204	25.661	ug/L #	78
13) Acetone	4.123	43	28484	46.658	ug/L	97
14) Carbon disulfide	4.367	76	173775	23.721	ug/L	99
15) Methyl Acetate	4.672	43	30611	20.786	ug/L	97
16) Methylene chloride	4.903	84	86289	25.104	ug/L	96
17) trans-1,2-Dichloroethene	5.403	96	35654	12.218	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	104127	24.072	ug/L #	90
19) 1,1-Dichloroethane	6.202	63	137123	24.876	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	80803	25.216	ug/L	99
22) 2-Butanone	7.171	43	43258	44.146	ug/L	99
23) Bromochloromethane	7.507	128	38751	23.498	ug/L	95
25) Chloroform	7.671	83	158040	24.778	ug/L	97

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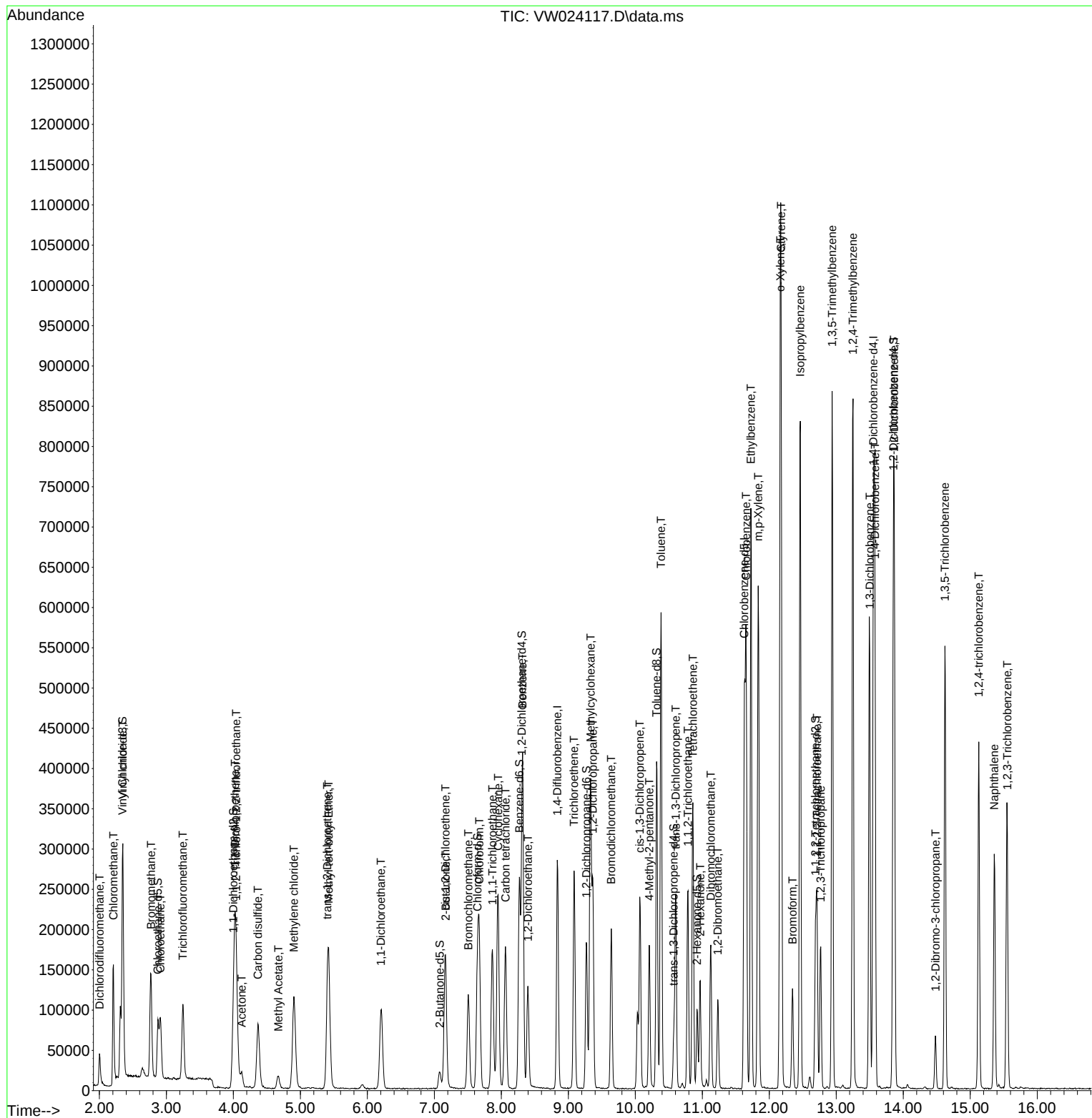
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	108863	23.965	ug/L	99
29) Cyclohexane	7.952	56	116697	26.398	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	133165	24.830	ug/L	99
31) Carbon tetrachloride	8.061	117	122706	24.821	ug/L	98
33) Benzene	8.317	78	349284	25.199	ug/L	100
34) Trichloroethene	9.086	95	87943	23.960	ug/L	97
35) Methylcyclohexane	9.335	83	150056	26.910	ug/L	99
37) 1,2-Dichloropropane	9.366	63	87113	24.859	ug/L	100
38) Bromodichloromethane	9.640	83	122411	24.501	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	130668	25.594	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	107965	44.277	ug/L	100
42) Toluene	10.384	91	418854	26.716	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	125869	26.034	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	71332	23.302	ug/L	98
46) Tetrachloroethene	10.860	164	75549	26.299	ug/L	87
48) 2-Hexanone	10.969	43	84272	47.690	ug/L	99
49) Dibromochloromethane	11.128	129	87872	24.567	ug/L	99
50) 1,2-Dibromoethane	11.232	107	67816	22.627	ug/L #	98
51) Chlorobenzene	11.652	112	273462	25.917	ug/L	95
52) Ethylbenzene	11.725	91	480428	27.806	ug/L	99
53) m,p-Xylene	11.835	106	189964	28.326	ug/L	97
54) o-Xylene	12.164	106	185554	28.932	ug/L	98
55) Styrene	12.176	104	341145	29.692	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	98673	23.257	ug/L	100
59) Bromoform	12.347	173	51129	21.725	ug/L #	98
60) Isopropylbenzene	12.463	105	520210	26.974	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70830	20.697	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	427069	27.525	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	447198	28.477	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	227300	24.643	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	238950	24.404	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	217861	25.251	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15210	19.890	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	153429	26.084	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	118630	26.617	ug/L	98
71) Naphthalene	15.359	128	238724	25.031	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	107483	25.638	ug/L	96

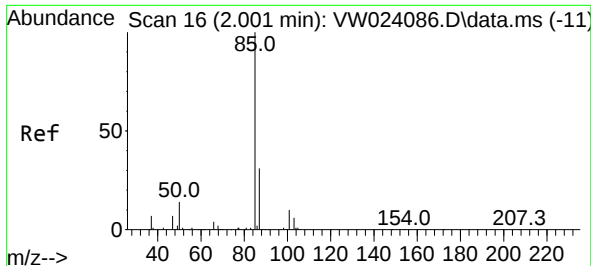
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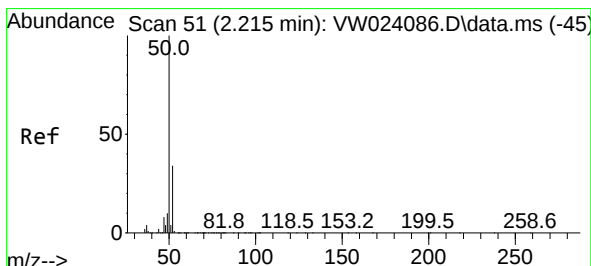
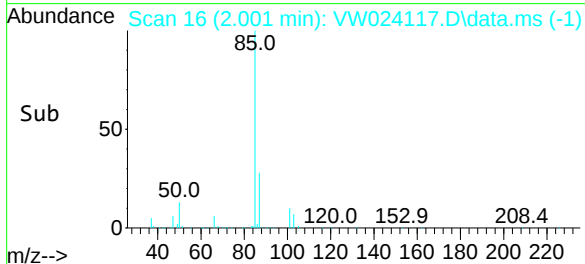
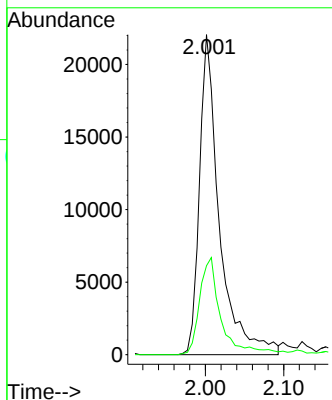
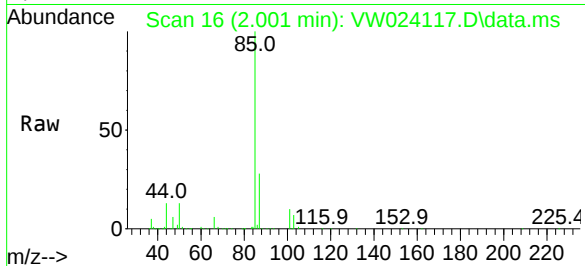




#2
 Dichlorodifluoromethane
 Concen: 23.303 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

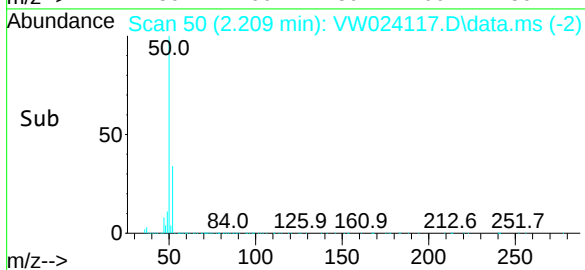
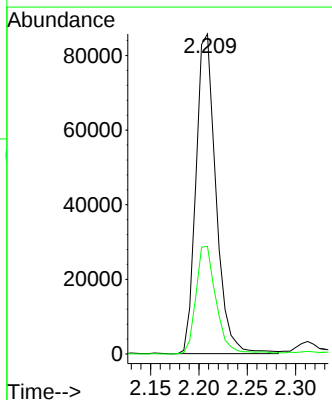
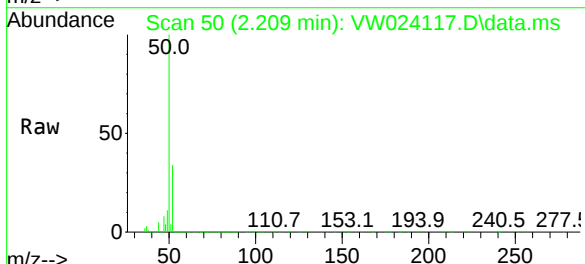
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 ClientSampleId :
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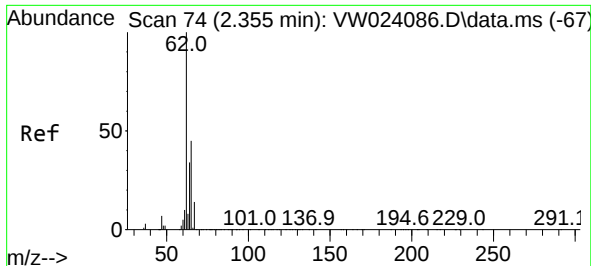
Tgt Ion: 85 Resp: 38866
 Ion Ratio Lower Upper
 85 100
 87 31.6 24.2 36.2



#3
 Chloromethane
 Concen: 28.468 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

Tgt Ion: 50 Resp: 123271
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.9 44.5

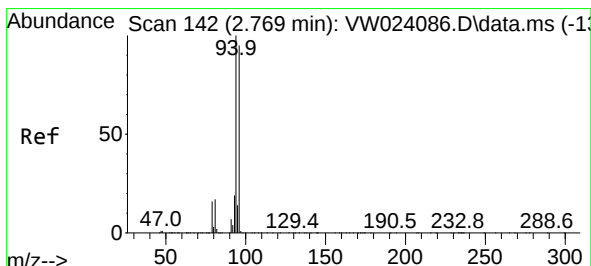
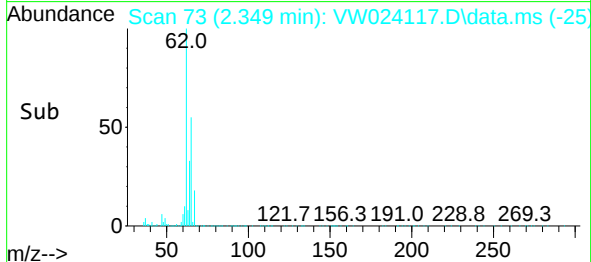
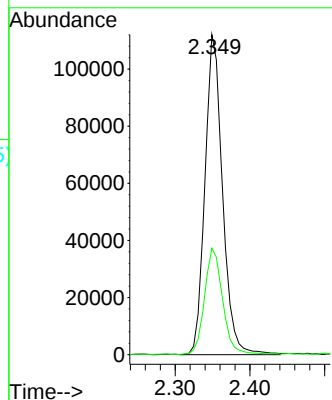
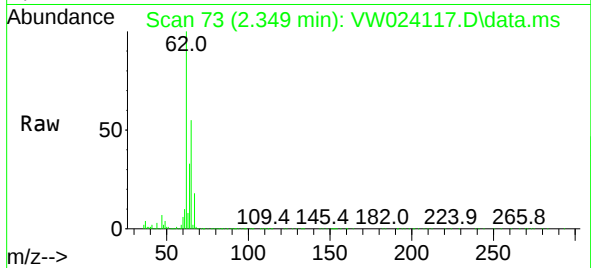




#5
 Vinyl chloride
 Concen: 27.133 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

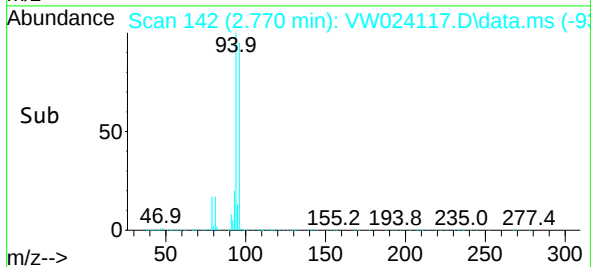
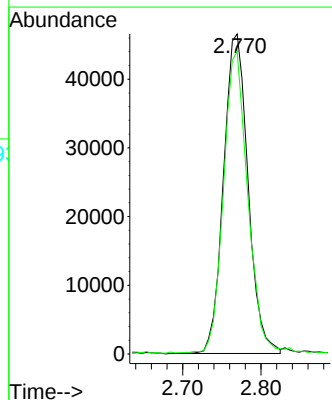
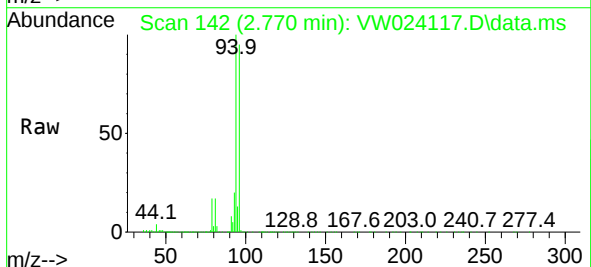
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 ClientSampleId :
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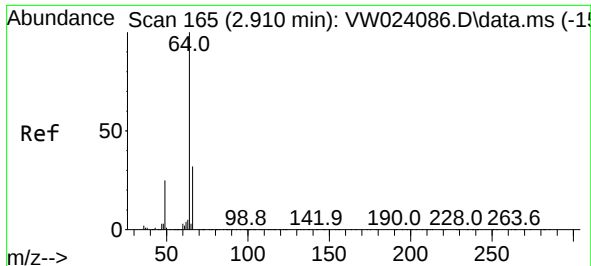
Tgt Ion: 62 Resp: 183126
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.9 44.3



#6
 Bromomethane
 Concen: 27.167 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

Tgt Ion: 94 Resp: 101292
 Ion Ratio Lower Upper
 94 100
 96 94.7 61.9 114.9

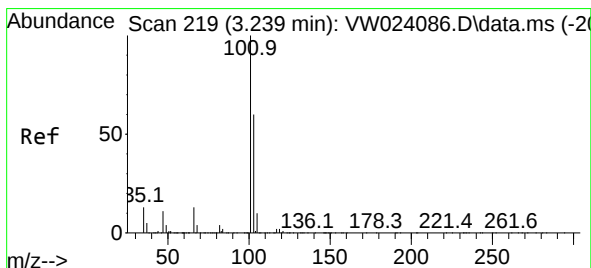
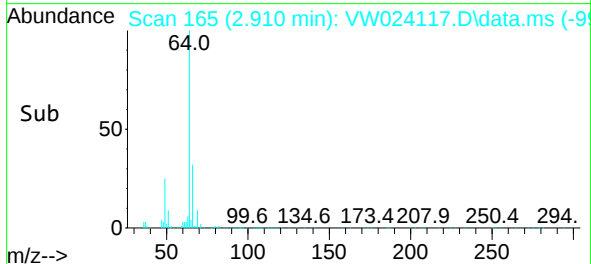
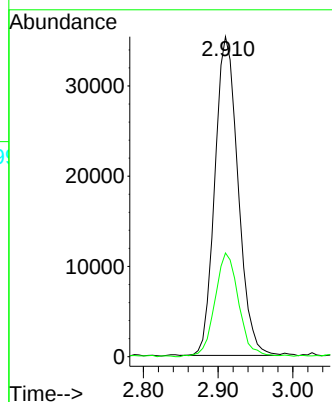
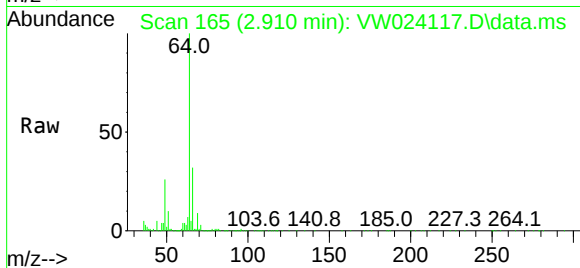




#8
Chloroethane
Concen: 25.614 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

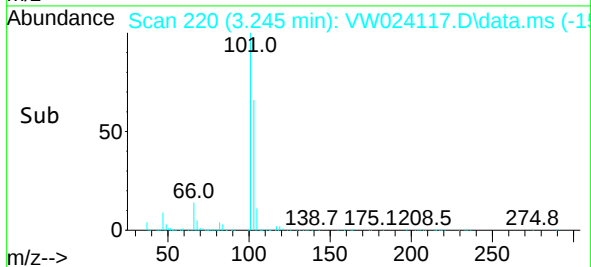
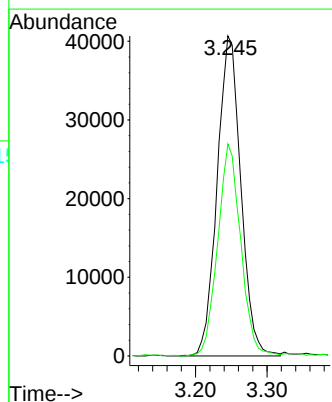
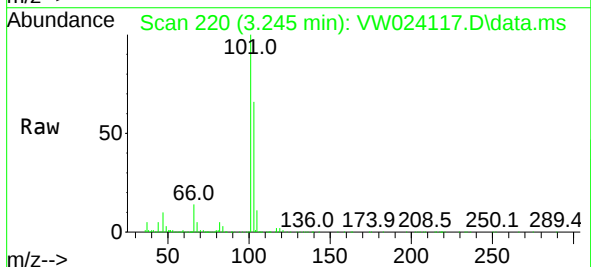
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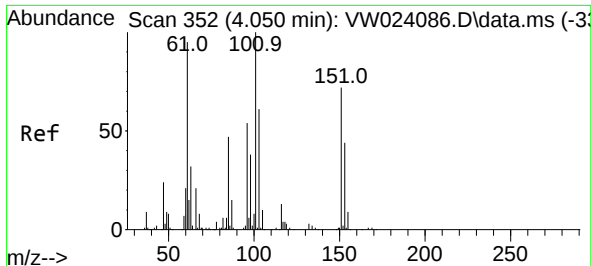
Tgt Ion: 64 Resp: 76048
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.3



#9
Trichlorofluoromethane
Concen: 29.770 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 101 Resp: 93536
Ion Ratio Lower Upper
101 100
103 64.3 52.4 78.6

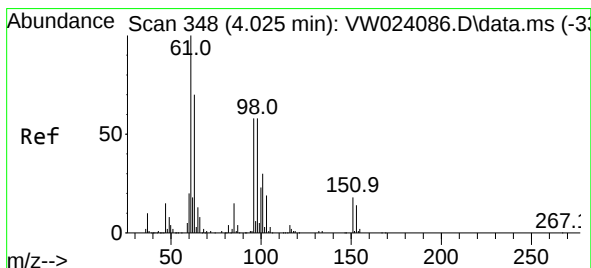
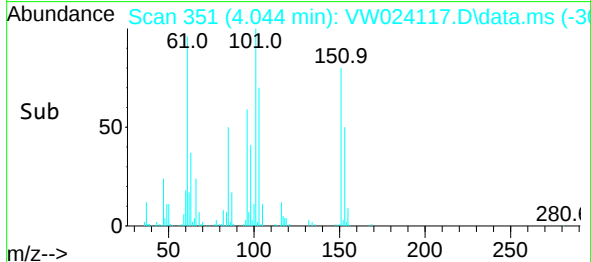
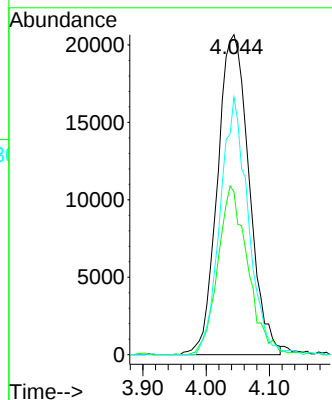
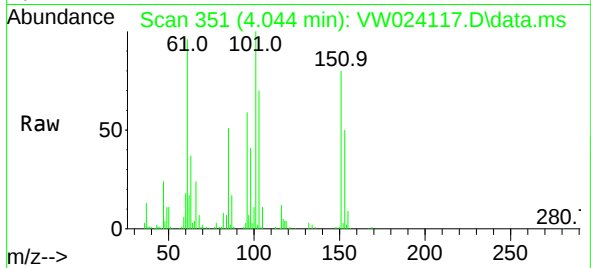




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.650 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

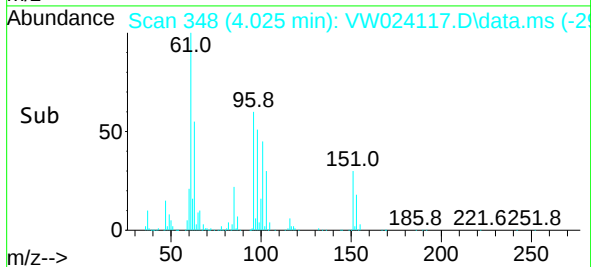
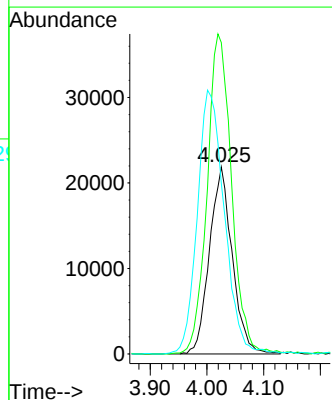
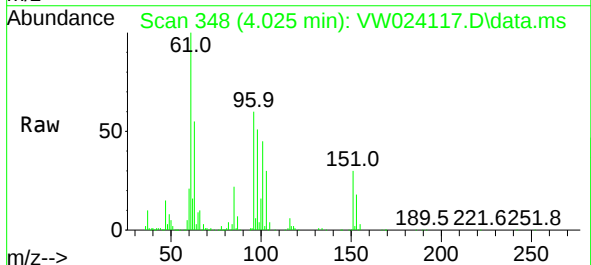
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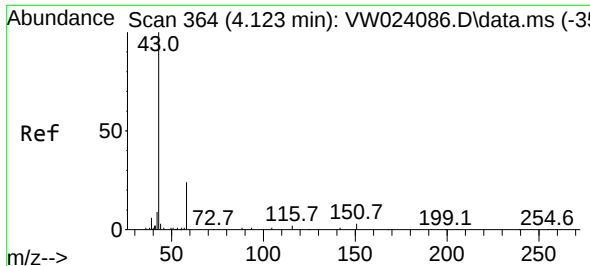
Tgt Ion:101 Resp: 71728
 Ion Ratio Lower Upper
 101 100
 85 48.6 39.8 59.8
 151 70.9 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 25.661 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

Tgt Ion: 96 Resp: 61204
 Ion Ratio Lower Upper
 96 100
 61 166.6 128.4 238.4
 63 91.3 93.1 172.9#

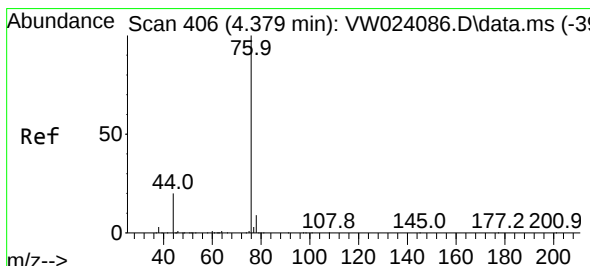
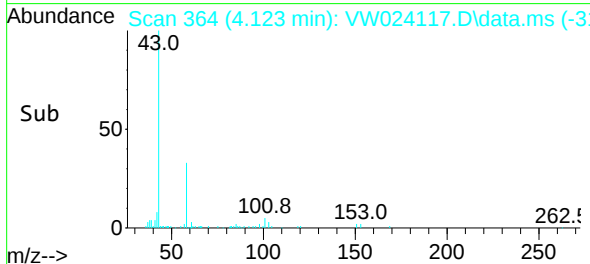
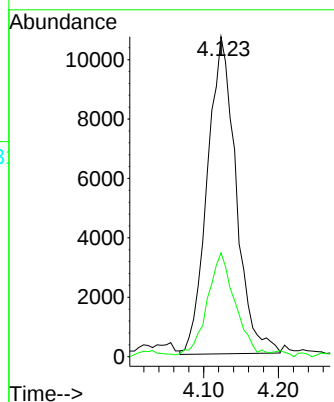
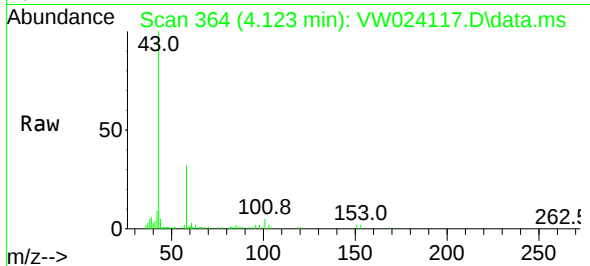




#13
Acetone
Concen: 46.658 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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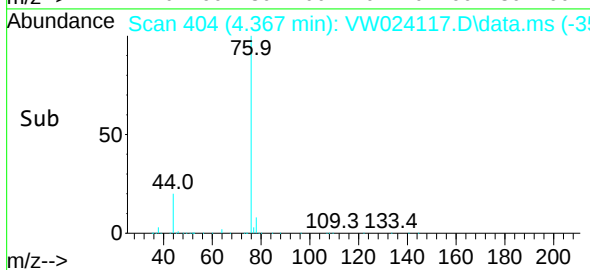
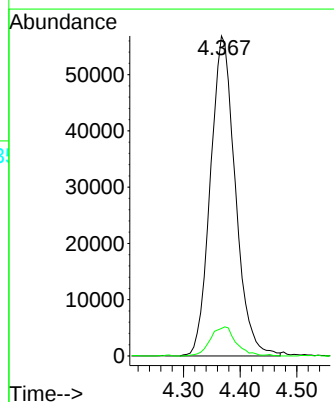
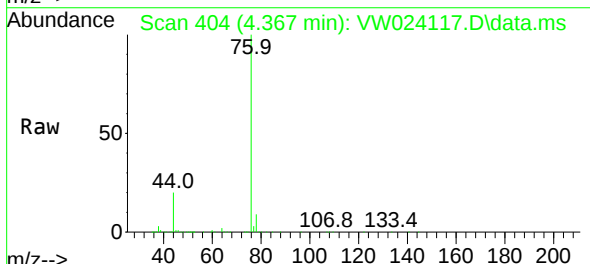
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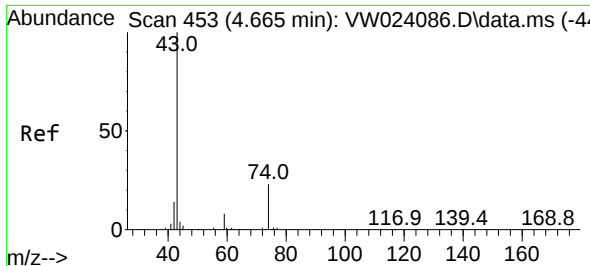
Tgt Ion: 43 Resp: 28484
Ion Ratio Lower Upper
43 100
58 31.6 0.0 60.0



#14
Carbon disulfide
Concen: 23.721 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.012 min
Lab File: VW024117.D
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Tgt Ion: 76 Resp: 173775
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0

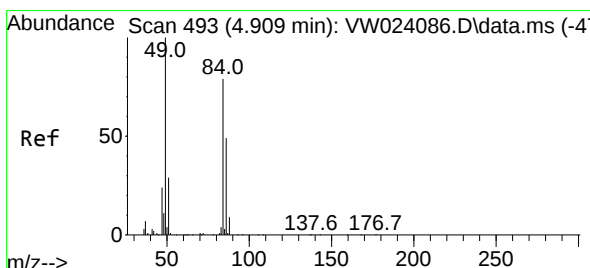
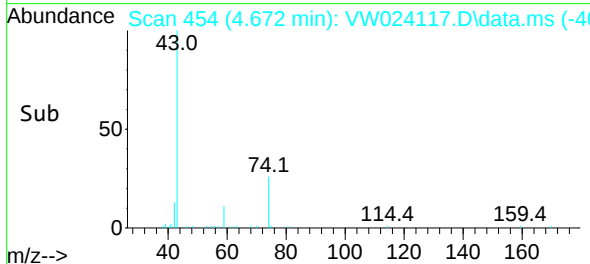
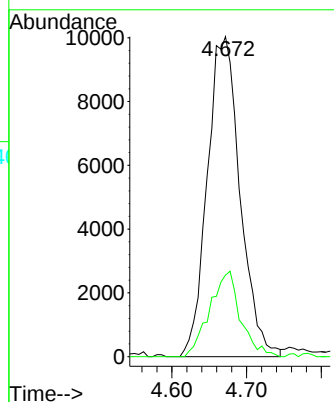
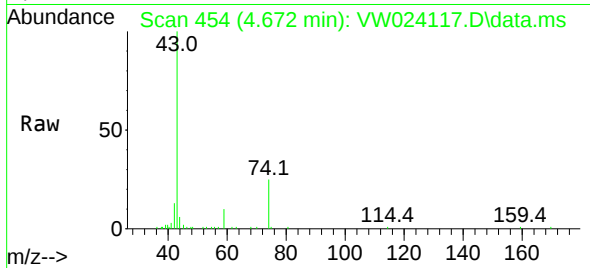




#15
Methyl Acetate
Concen: 20.786 ug/L
RT: 4.672 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

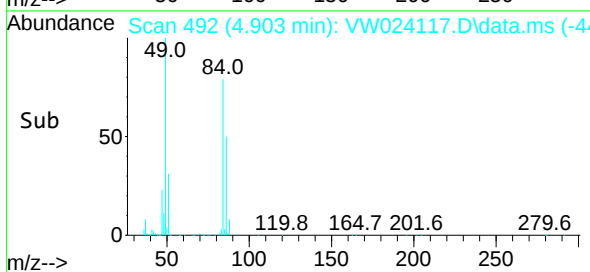
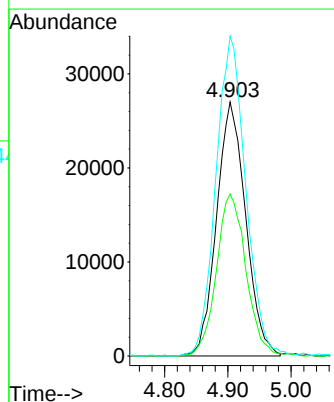
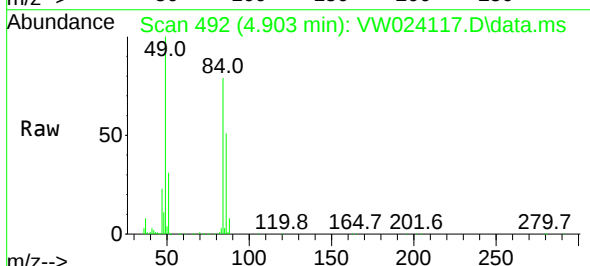
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

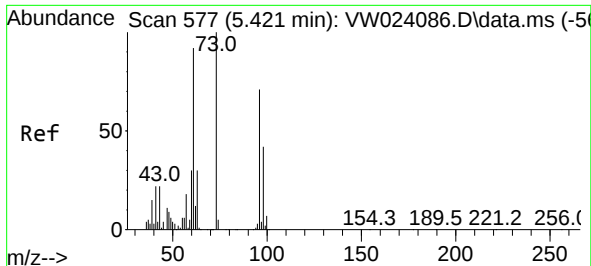
Tgt Ion: 43 Resp: 30611
Ion Ratio Lower Upper
43 100
74 25.0 21.1 31.7



#16
Methylene chloride
Concen: 25.104 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 84 Resp: 86289
Ion Ratio Lower Upper
84 100
86 63.8 44.7 83.1
49 126.0 83.7 155.4

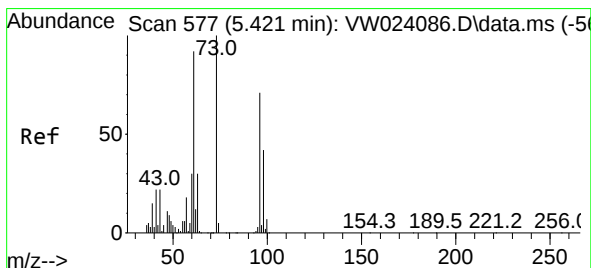
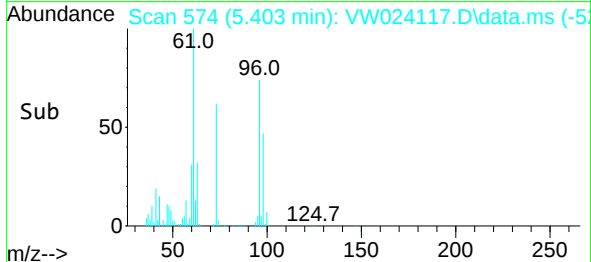
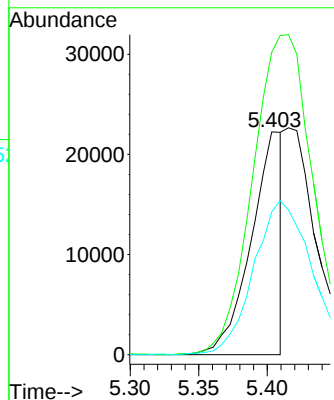
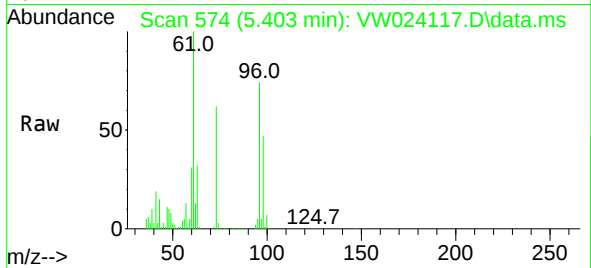




#17
trans-1,2-Dichloroethene
Concen: 12.218 ug/L
RT: 5.403 min Scan# 51
Delta R.T. -0.018 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

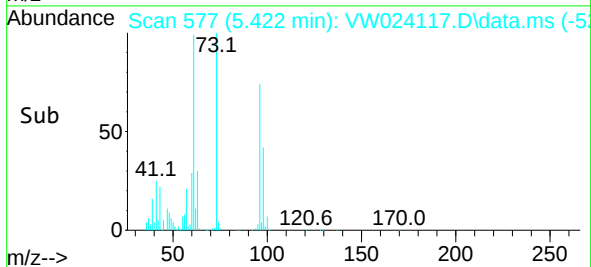
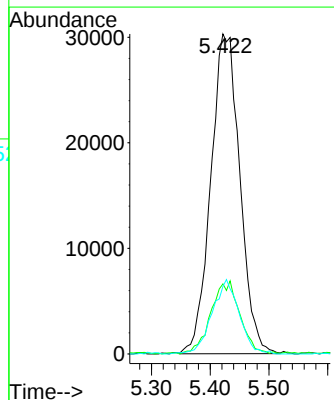
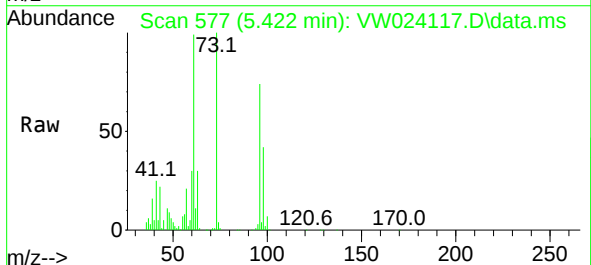
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

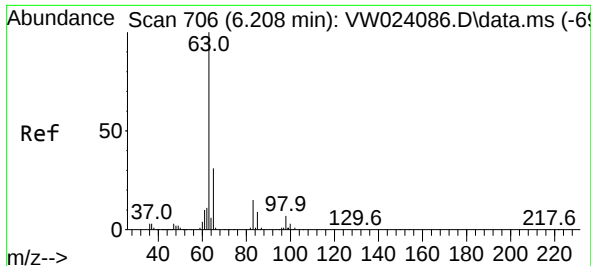
Tgt Ion: 96 Resp: 35654
Ion Ratio Lower Upper
96 100
61 135.8 92.7 172.1
98 64.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 24.072 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 73 Resp: 104127
Ion Ratio Lower Upper
73 100
43 13.1 17.3 25.9#
57 21.6 16.6 25.0





#19

1,1-Dichloroethane

Concen: 24.876 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

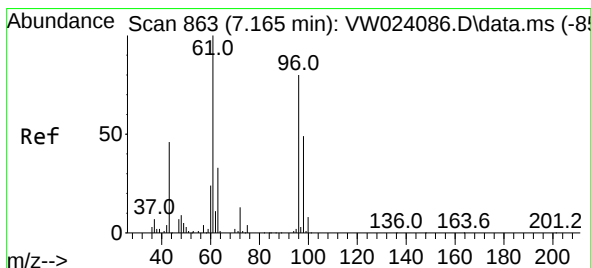
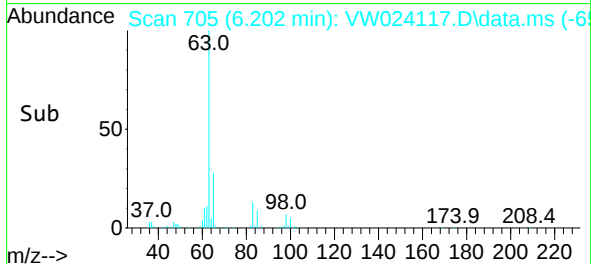
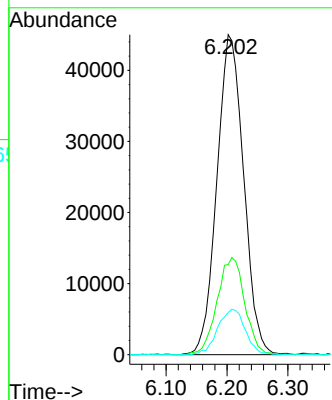
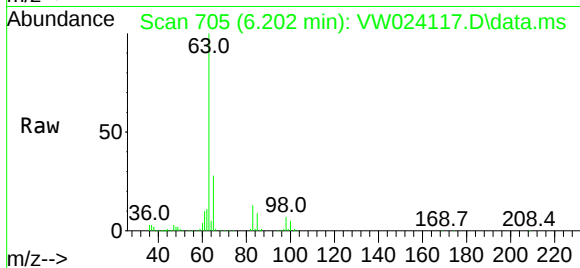
Tgt Ion: 63 Resp: 137123

Ion Ratio Lower Upper

63 100

65 28.2 23.4 43.4

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.216 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

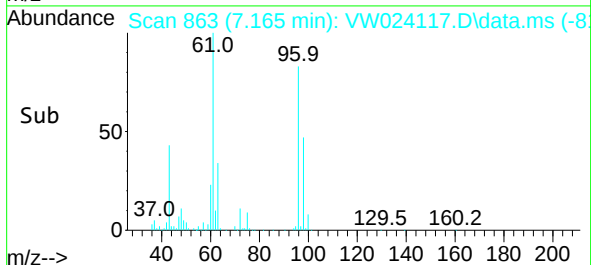
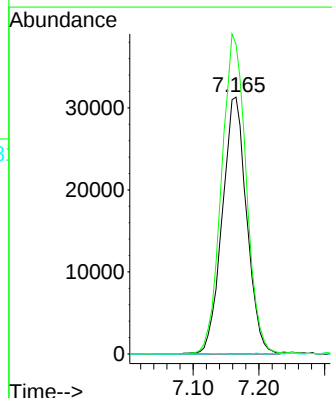
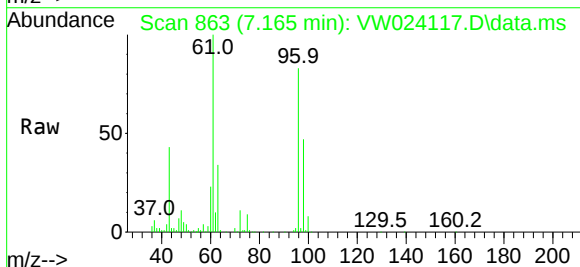
Tgt Ion: 96 Resp: 80803

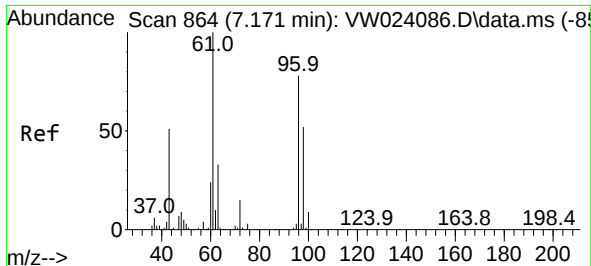
Ion Ratio Lower Upper

96 100

61 120.6 85.3 158.3

68 0.0 0.0 0.0

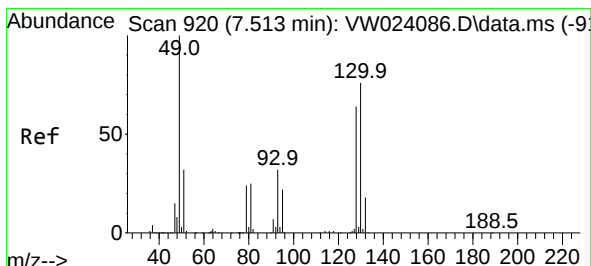
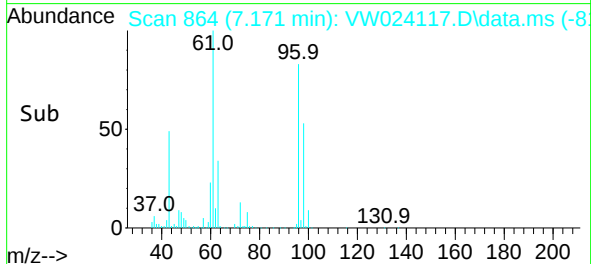
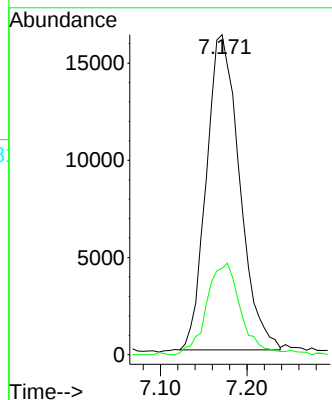
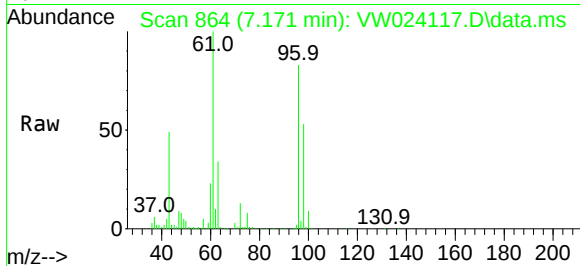




#22
2-Butanone
Concen: 44.146 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

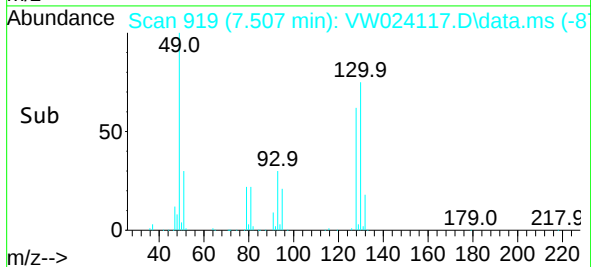
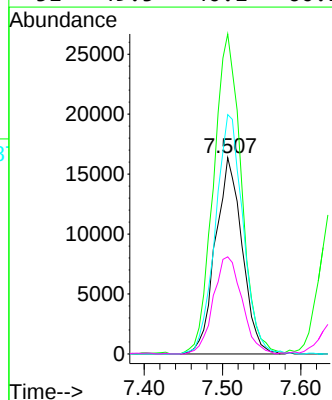
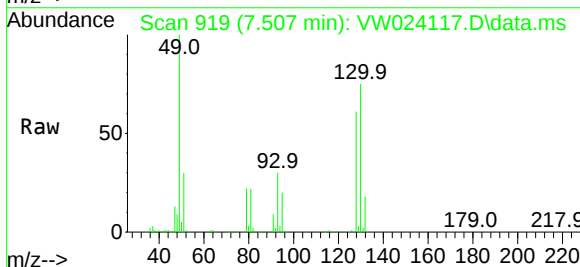
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

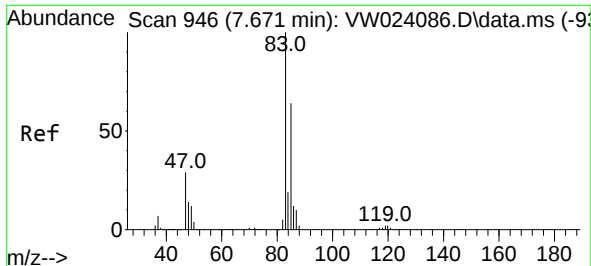
Tgt Ion: 43 Resp: 43258
Ion Ratio Lower Upper
43 100
72 29.5 15.0 45.0



#23
Bromochloromethane
Concen: 23.498 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 128 Resp: 38751
Ion Ratio Lower Upper
128 100
49 163.0 119.8 222.4
130 122.0 90.7 168.5
51 49.5 40.1 60.1

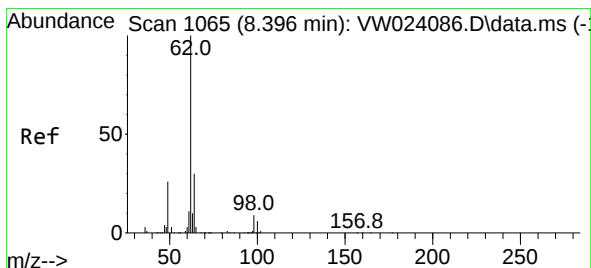
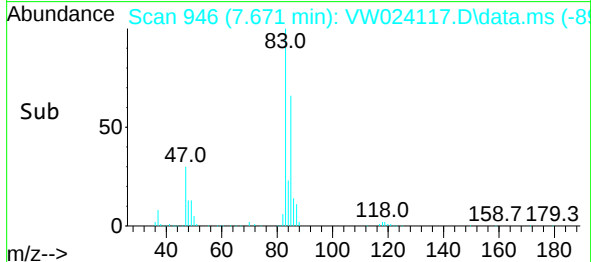
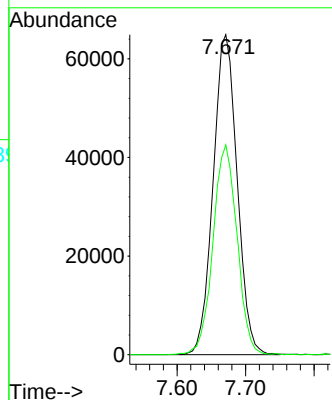
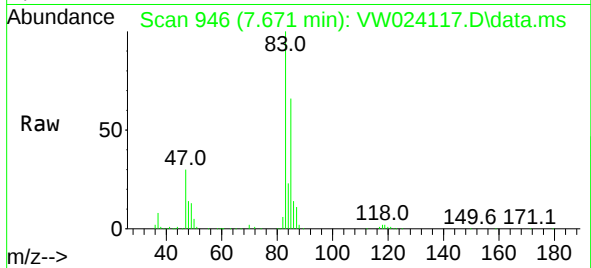




#25
Chloroform
Concen: 24.778 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

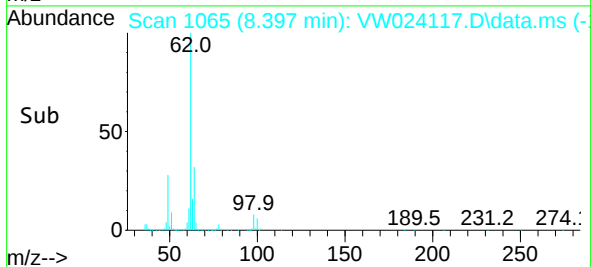
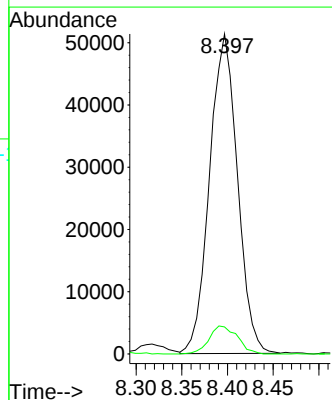
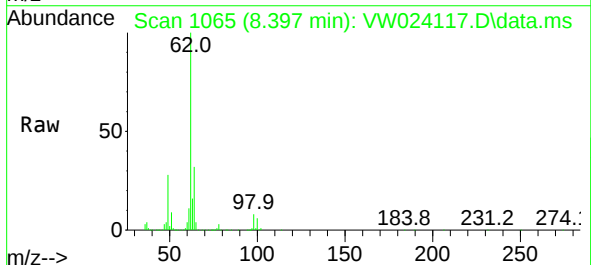
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

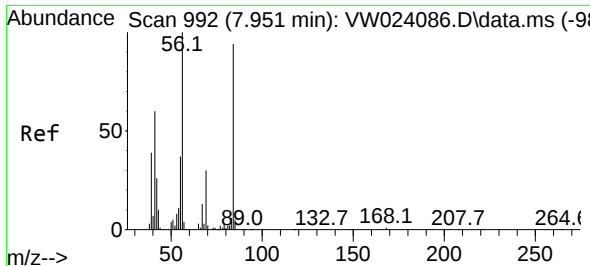
Tgt Ion: 83 Resp: 158040
Ion Ratio Lower Upper
83 100
85 65.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 23.965 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 62 Resp: 108863
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7

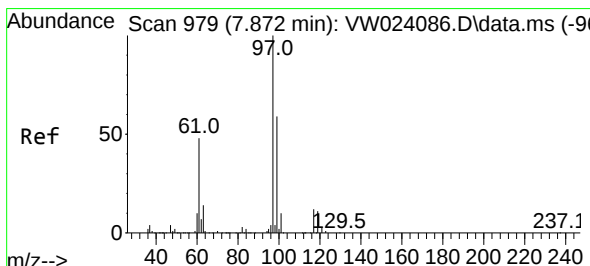
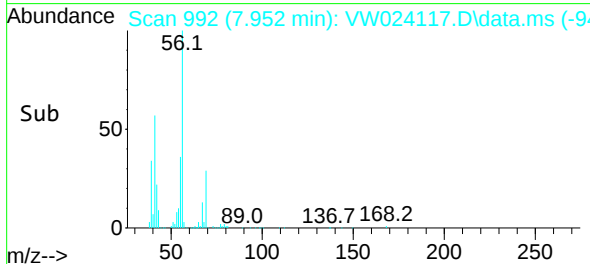
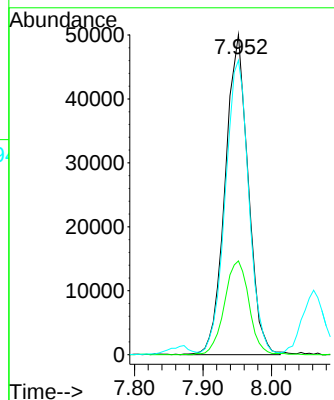
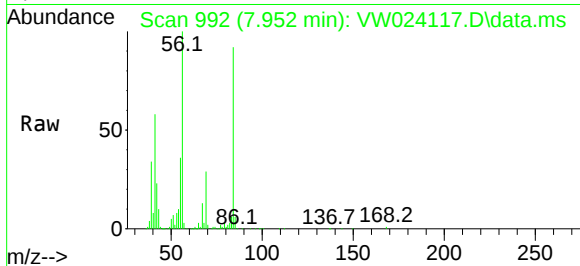




#29
Cyclohexane
Concen: 26.398 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

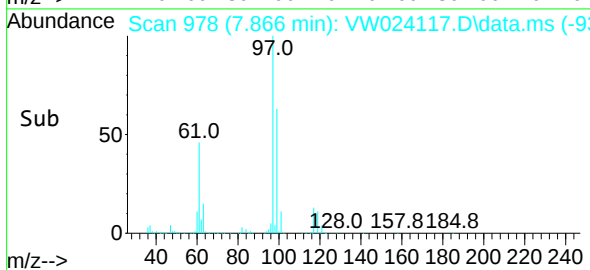
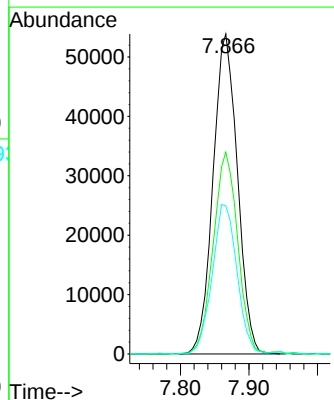
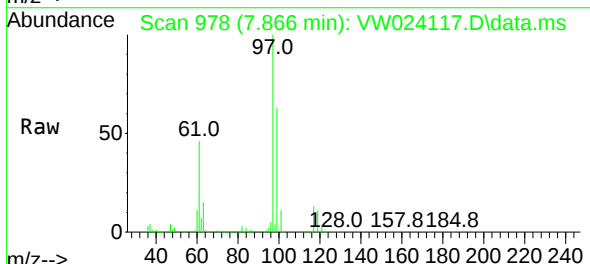
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

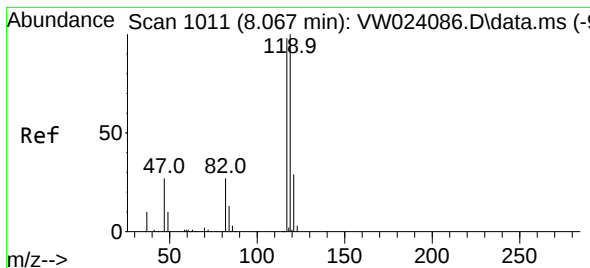
Tgt Ion: 56 Resp: 116697
Ion Ratio Lower Upper
56 100
69 31.1 24.1 36.1
84 94.3 76.2 114.4



#30
1,1,1-Trichloroethane
Concen: 24.830 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 97 Resp: 133165
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 47.3 37.8 56.6





#31

Carbon tetrachloride

Concen: 24.821 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

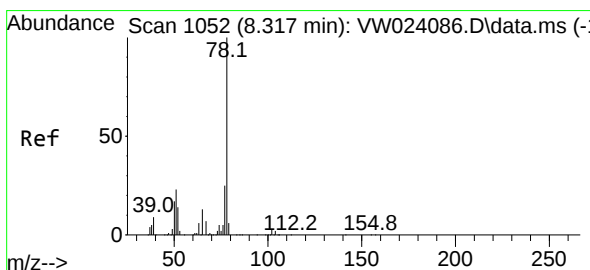
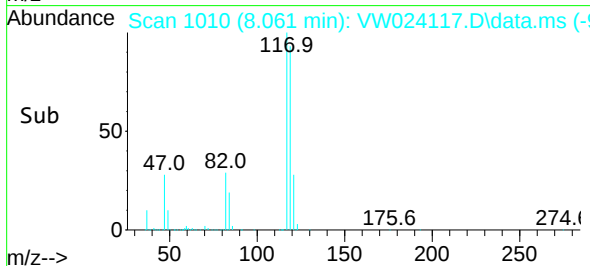
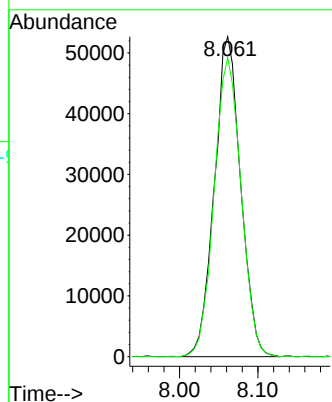
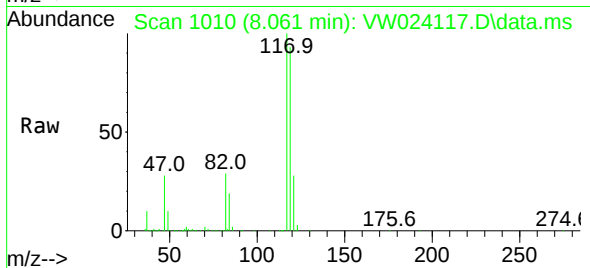
VSTD025511

Tgt Ion:117 Resp: 122706

Ion Ratio Lower Upper

117 100

119 96.0 75.0 112.4



#33

Benzene

Concen: 25.199 ug/L

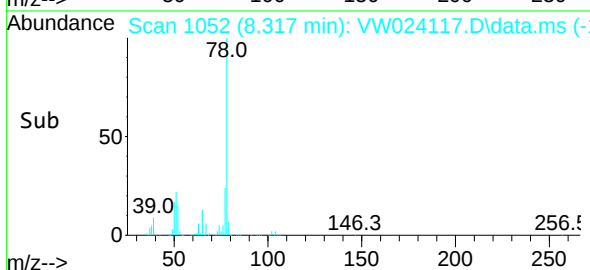
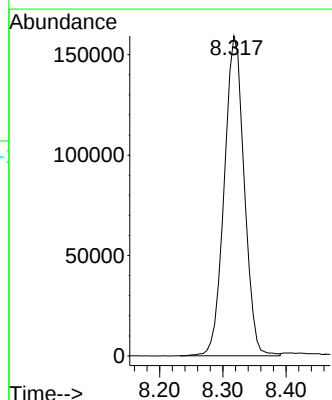
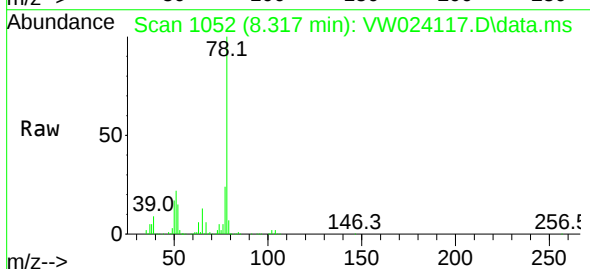
RT: 8.317 min Scan# 1052

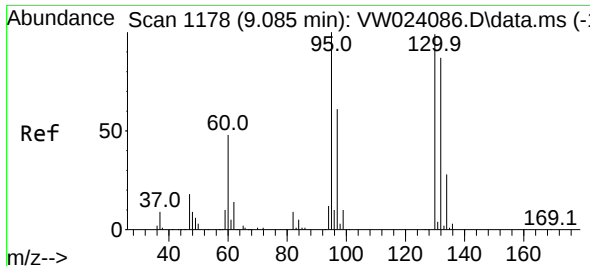
Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Tgt Ion: 78 Resp: 349284

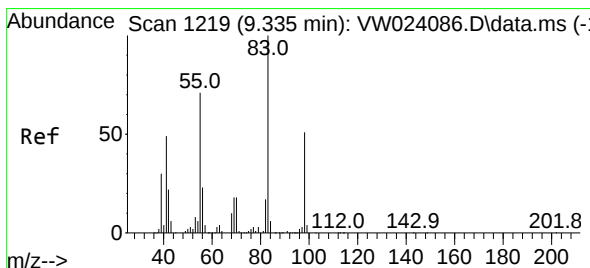
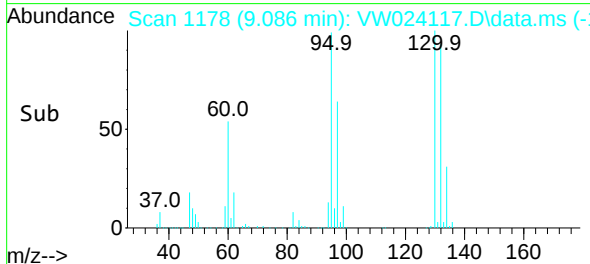
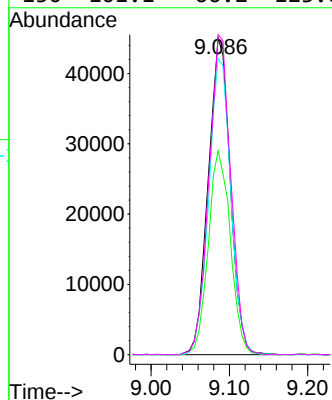
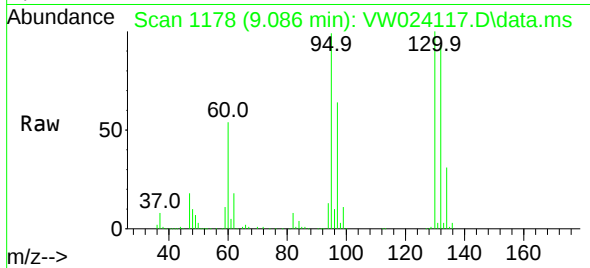




#34
Trichloroethene
Concen: 23.960 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

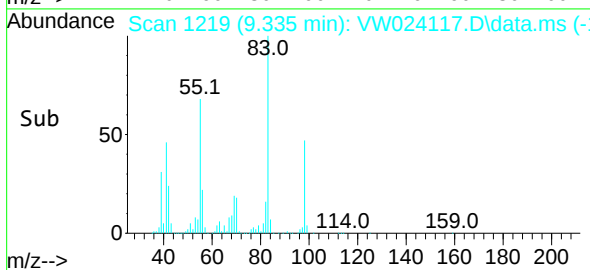
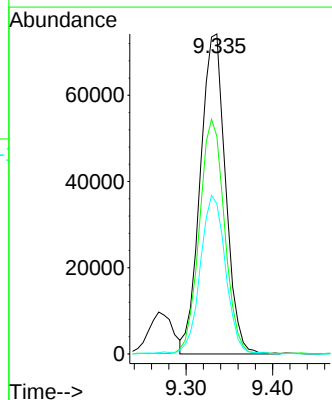
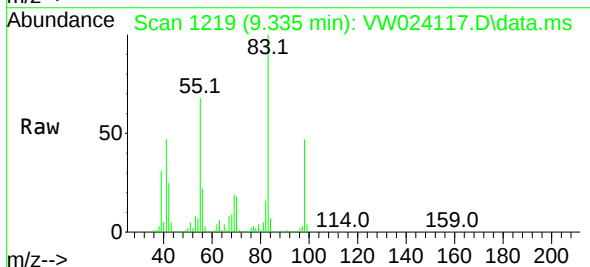
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

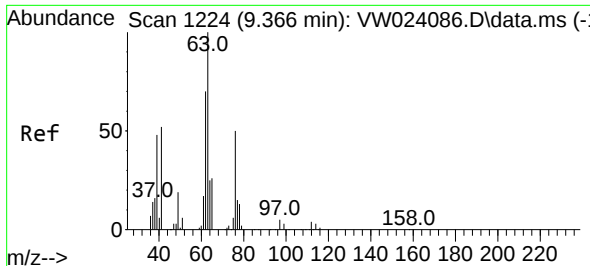
Tgt Ion: 95 Resp: 87943
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.3
132 93.6 65.8 122.2
130 101.1 66.2 123.0



#35
Methylcyclohexane
Concen: 26.910 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 83 Resp: 150056
Ion Ratio Lower Upper
83 100
55 72.4 57.3 85.9
98 49.3 38.9 58.3





#37

1,2-Dichloropropane

Concen: 24.859 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

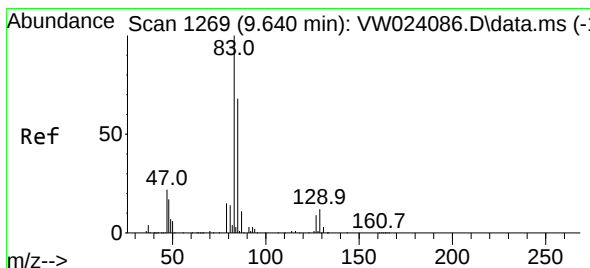
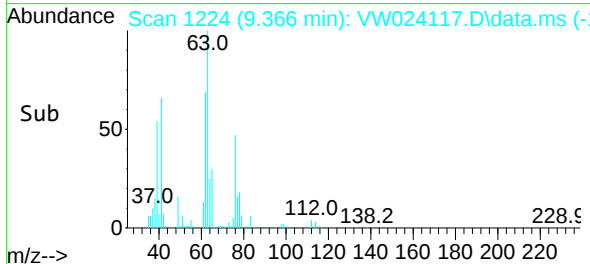
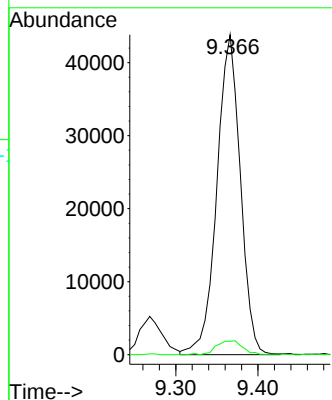
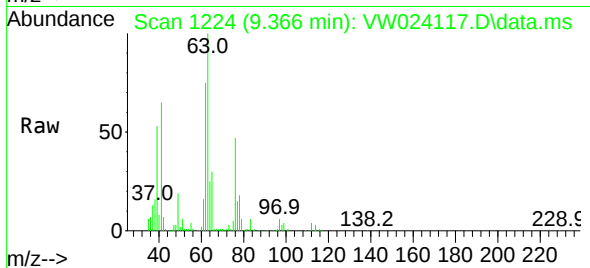
VSTD025511

Tgt Ion: 63 Resp: 87113

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 24.501 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

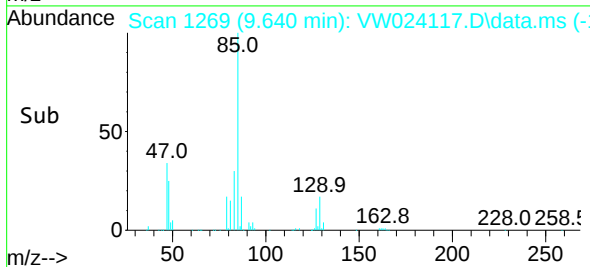
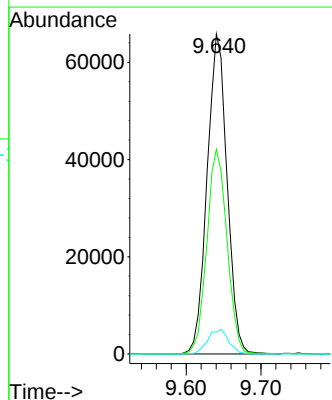
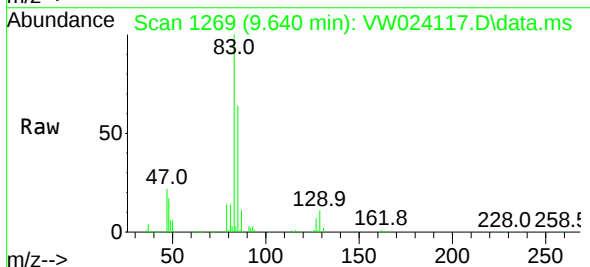
Tgt Ion: 83 Resp: 122411

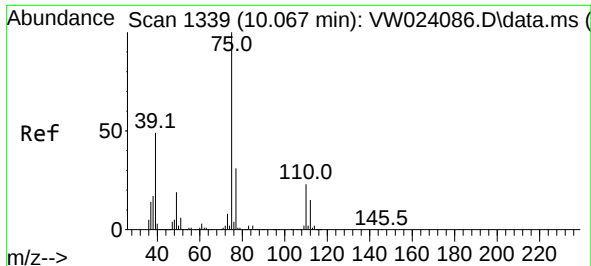
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

127 6.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.594 ug/L

RT: 10.067 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

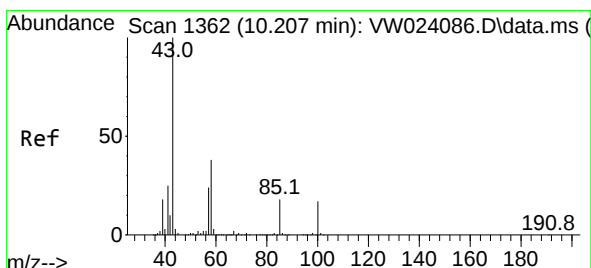
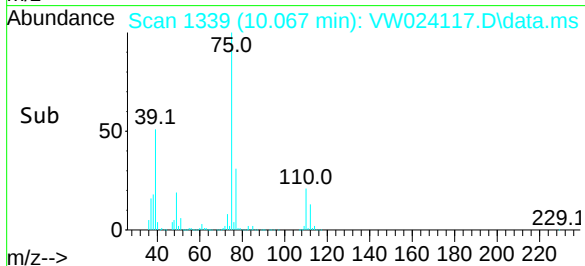
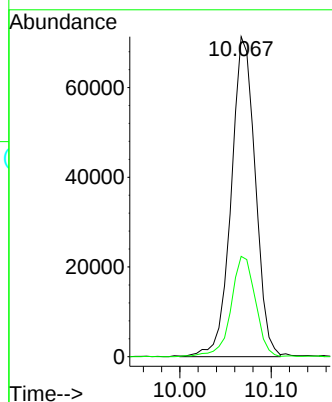
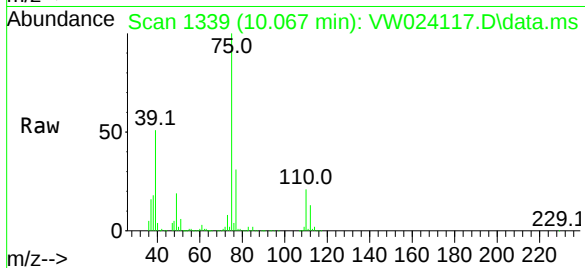
VSTD025511

Tgt Ion: 75 Resp: 130668

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 44.277 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

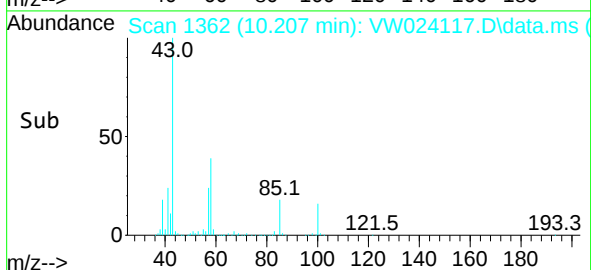
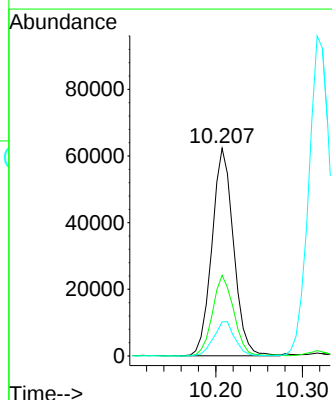
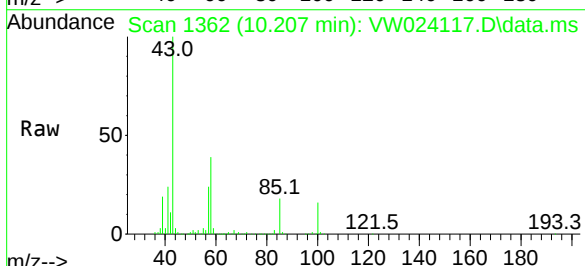
Tgt Ion: 43 Resp: 107965

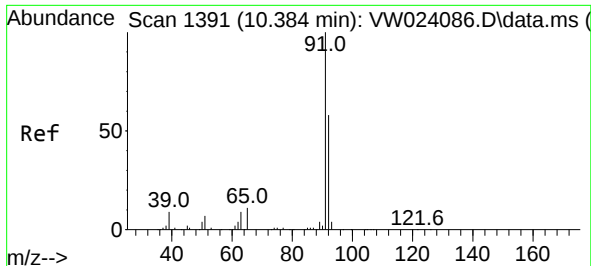
Ion Ratio Lower Upper

43 100

58 38.2 30.8 46.2

100 16.4 13.0 19.6

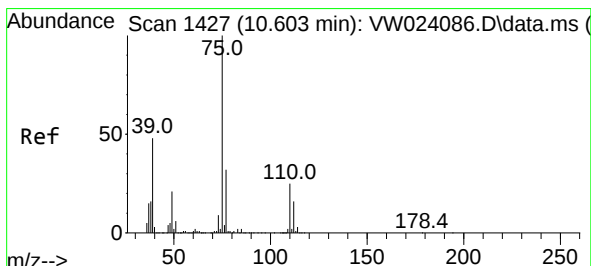
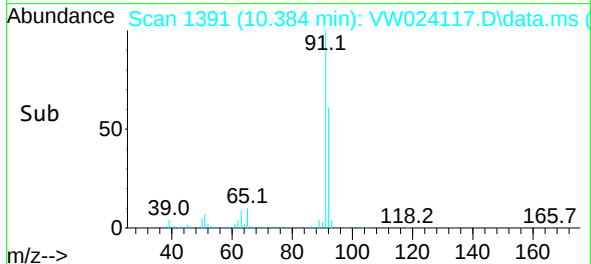
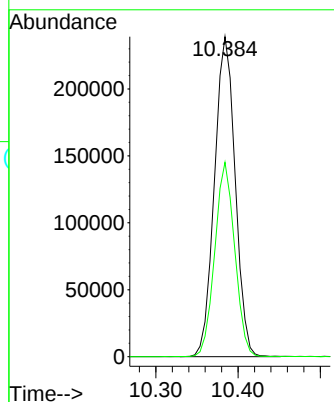
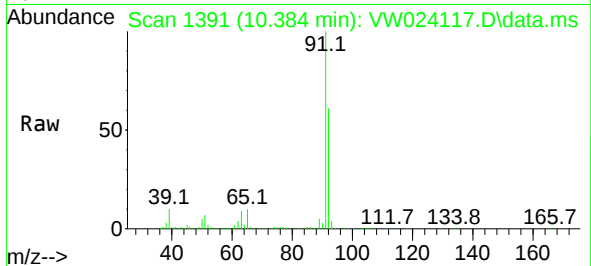




#42
Toluene
Concen: 26.716 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

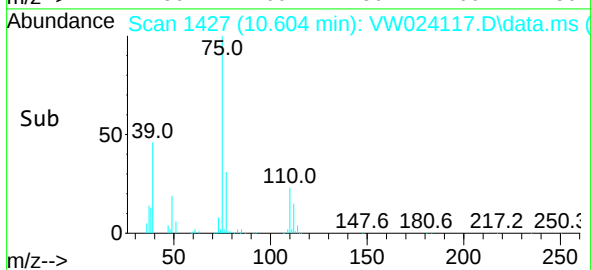
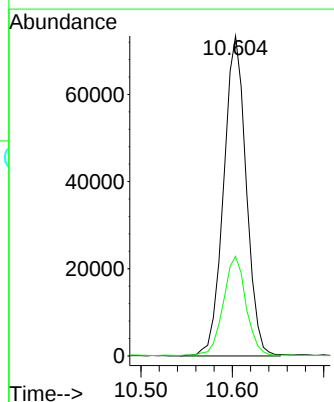
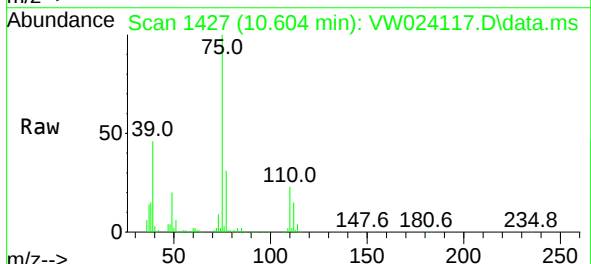
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

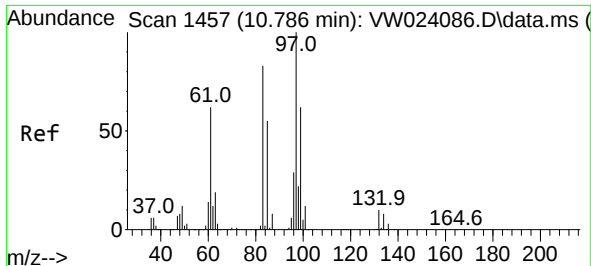
Tgt Ion: 91 Resp: 418854
Ion Ratio Lower Upper
91 100
92 60.7 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 26.034 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 75 Resp: 125869
Ion Ratio Lower Upper
75 100
77 31.1 21.3 39.6

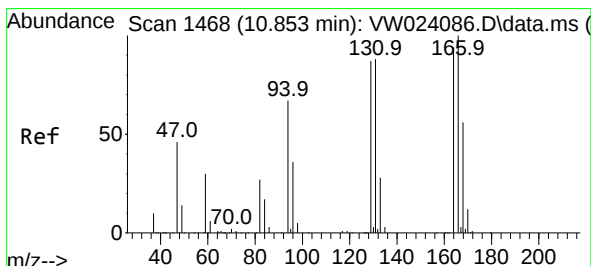
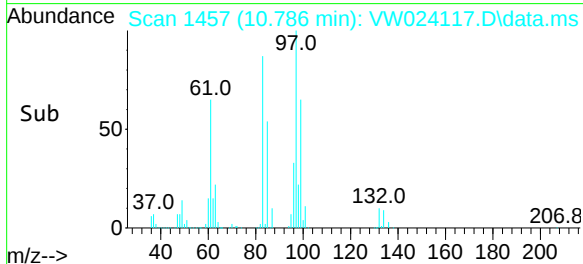
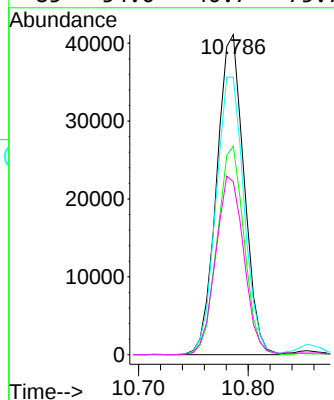
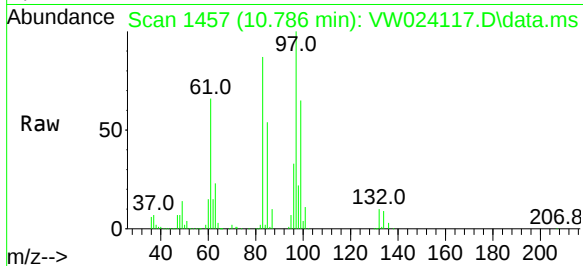




#45
1,1,2-Trichloroethane
Concen: 23.302 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

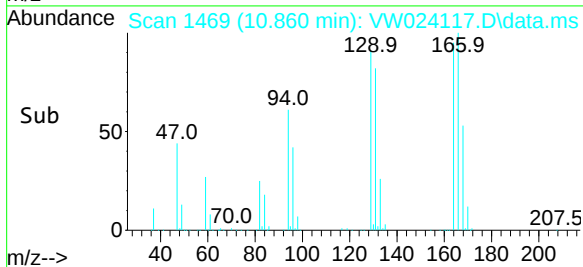
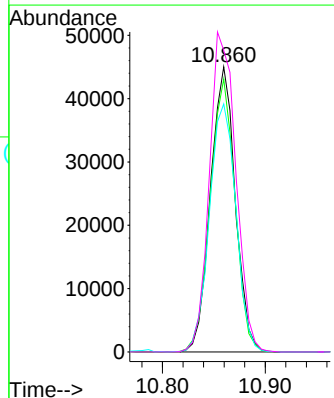
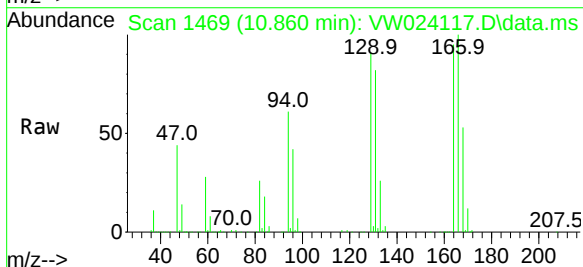
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

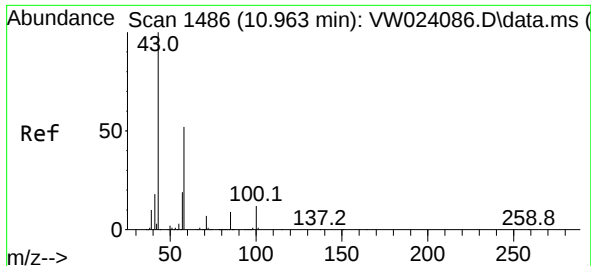
Tgt Ion: 97	Resp: 71332
Ion Ratio	Lower Upper
97 100	
99 65.2	46.2 85.8
83 86.7	61.2 113.6
85 54.0	40.7 75.7



#46
Tetrachloroethene
Concen: 26.299 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt	Ion:164	Resp:	75549
Ion	Ratio	Lower	Upper
164	100		
129	95.7	65.7	122.1
131	87.0	69.2	128.4
166	105.8	92.8	172.4

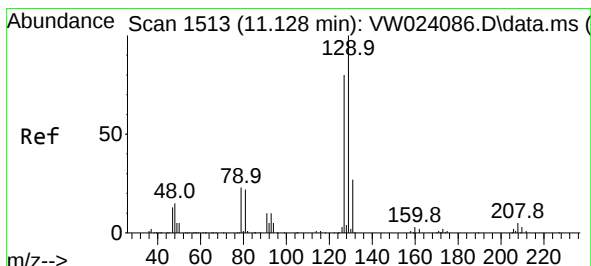
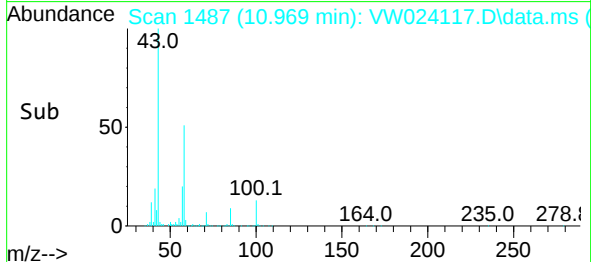
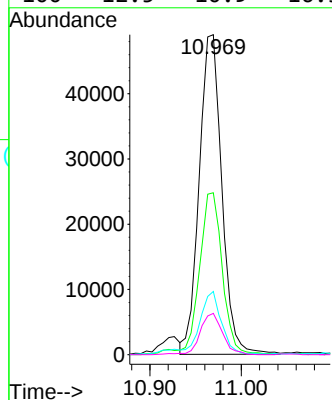
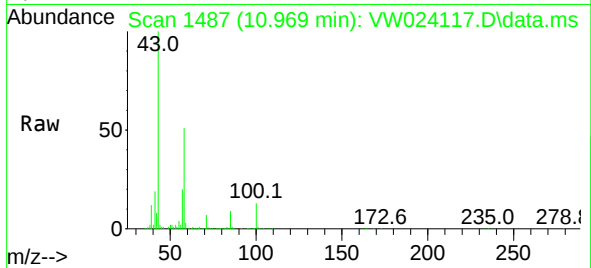




#48
2-Hexanone
Concen: 47.690 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

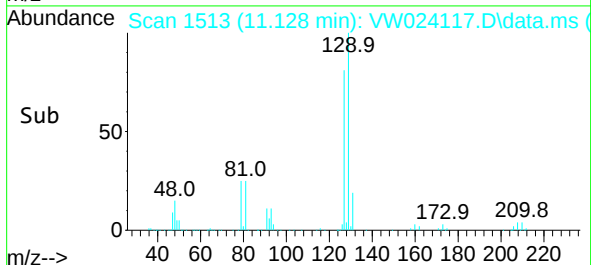
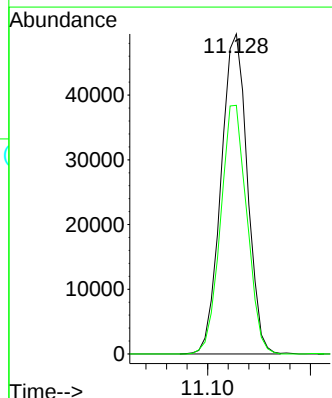
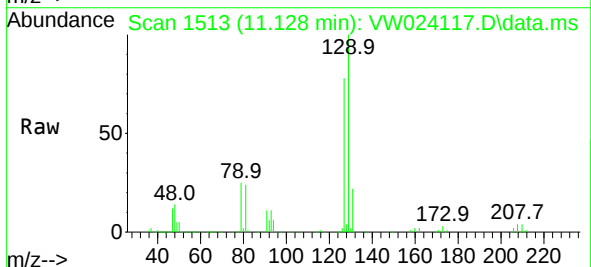
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

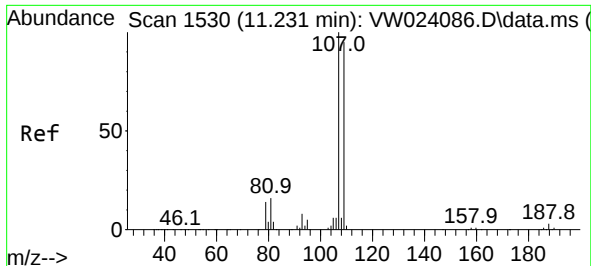
Tgt Ion: 43 Resp: 84272
Ion Ratio Lower Upper
43 100
58 50.8 41.0 61.6
57 18.6 14.5 21.7
100 12.5 10.9 16.3



#49
Dibromochloromethane
Concen: 24.567 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 129 Resp: 87872
Ion Ratio Lower Upper
129 100
127 77.7 55.0 102.2





#50

1,2-Dibromoethane

Concen: 22.627 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

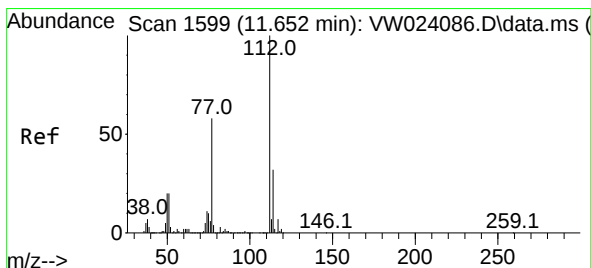
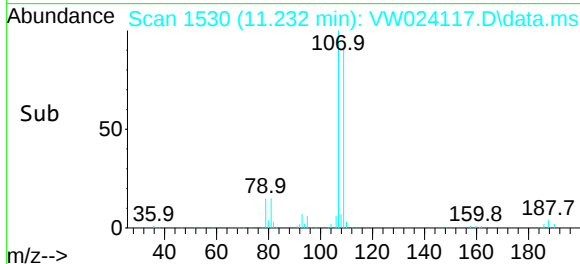
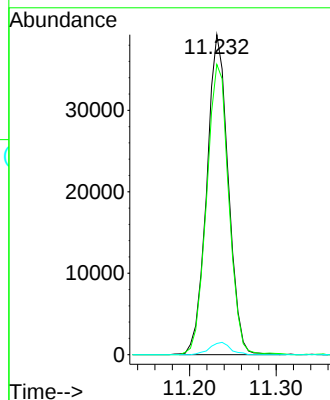
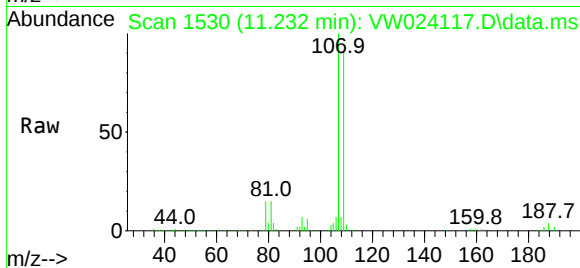
Tgt Ion:107 Resp: 67816

Ion Ratio Lower Upper

107 100

109 90.7 62.2 115.6

188 3.5 2.2 3.2#



#51

Chlorobenzene

Concen: 25.917 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

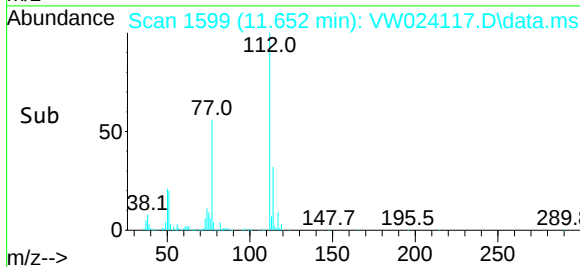
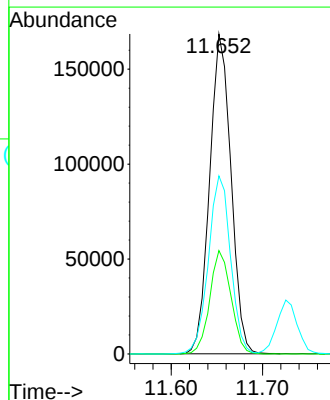
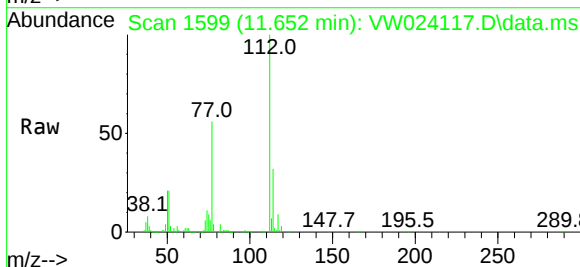
Tgt Ion:112 Resp: 273462

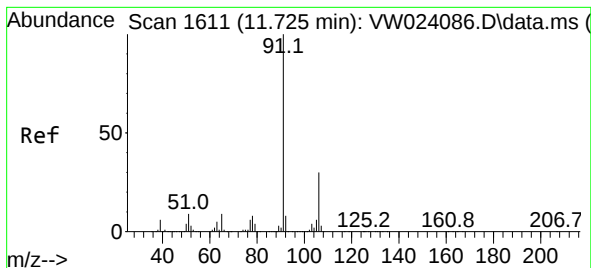
Ion Ratio Lower Upper

112 100

114 32.3 23.7 43.9

77 55.6 48.2 72.2

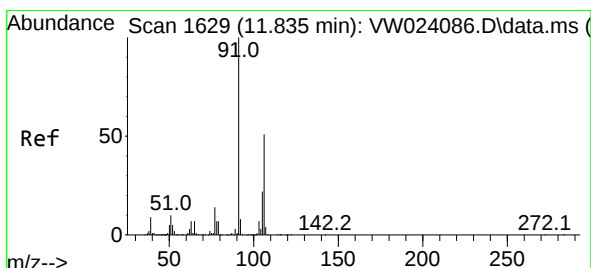
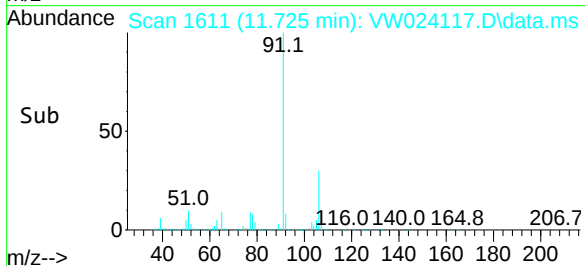
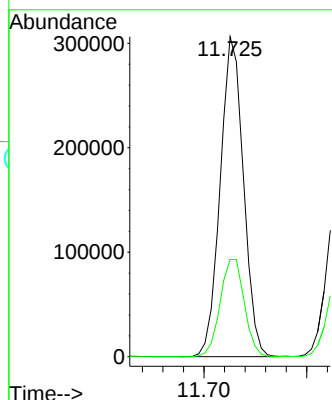
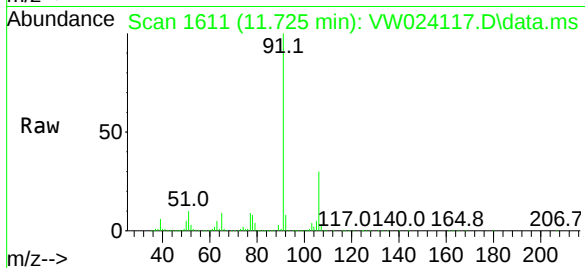




#52
Ethylbenzene
Concen: 27.806 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

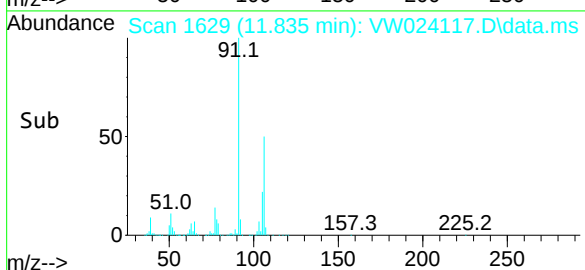
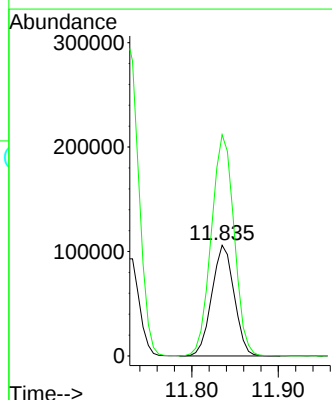
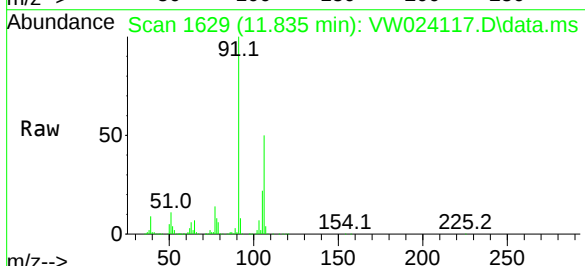
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

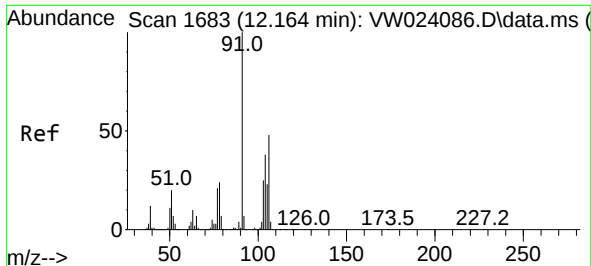
Tgt Ion: 91 Resp: 480428
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 28.326 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 106 Resp: 189964
Ion Ratio Lower Upper
106 100
91 199.7 142.9 265.3

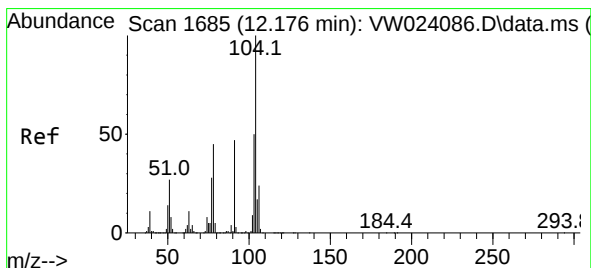
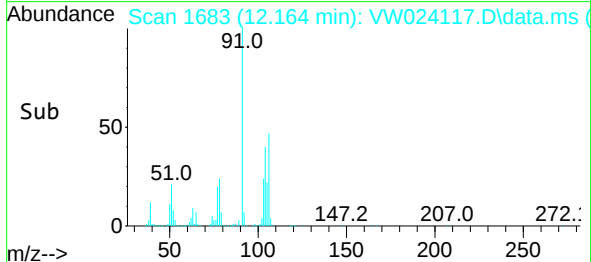
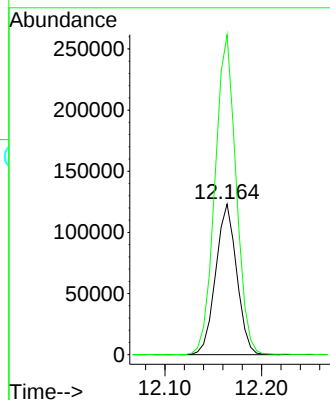
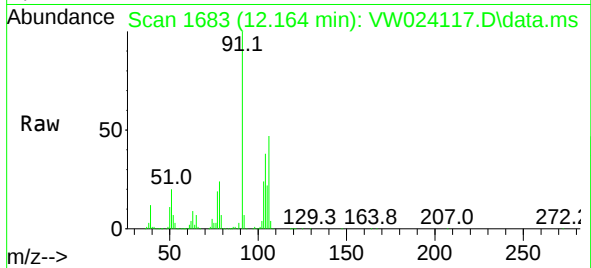




#54
o-Xylene
Concen: 28.932 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

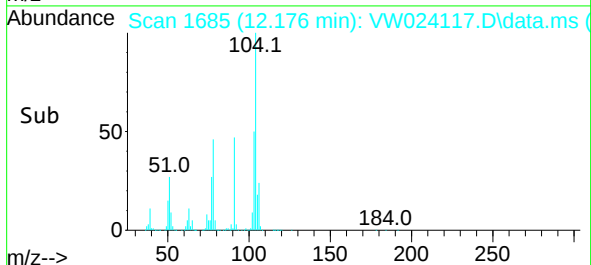
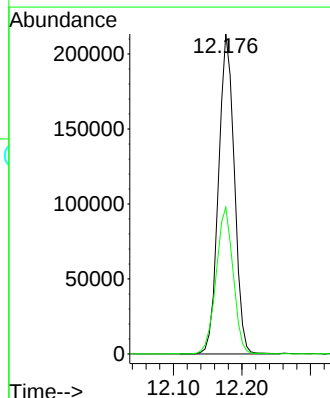
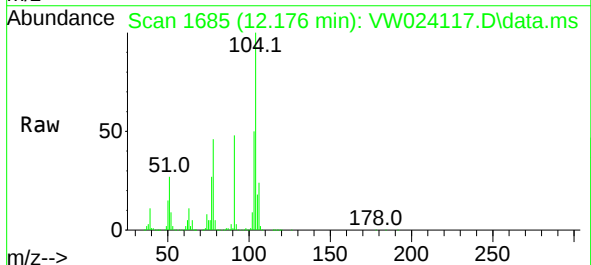
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

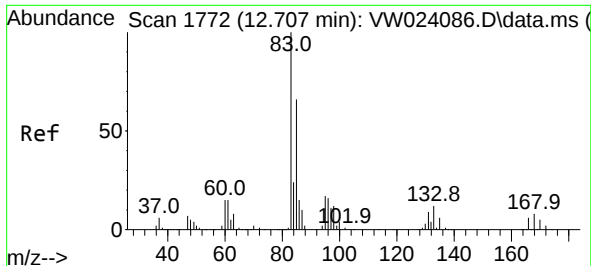
Tgt Ion:106 Resp: 185554
Ion Ratio Lower Upper
106 100
91 212.5 150.6 279.6



#55
Styrene
Concen: 29.692 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion:104 Resp: 341145
Ion Ratio Lower Upper
104 100
78 45.8 30.3 56.3





#57

1,1,2-Tetrachloroethane

Concen: 23.257 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

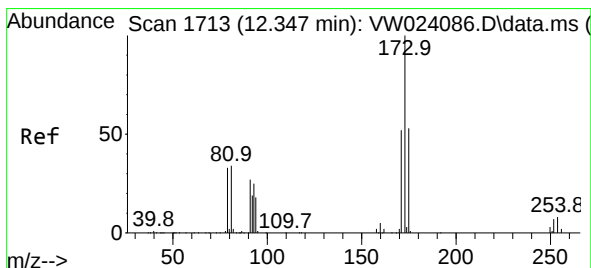
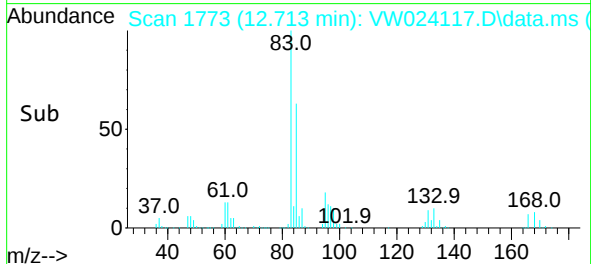
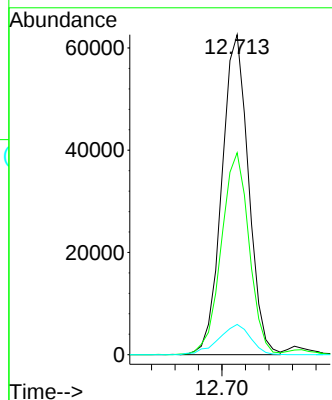
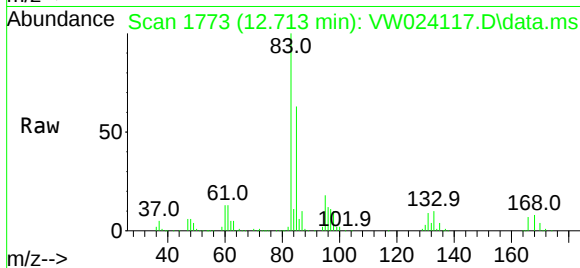
Tgt Ion: 83 Resp: 98673

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.5

131 9.4 7.5 11.3



#59

Bromoform

Concen: 21.725 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

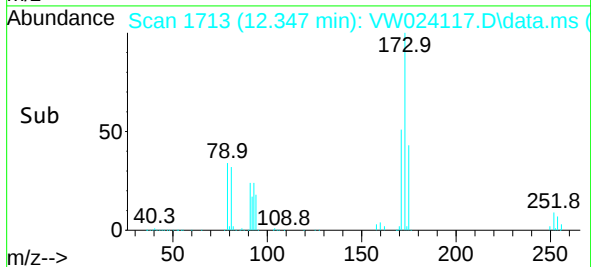
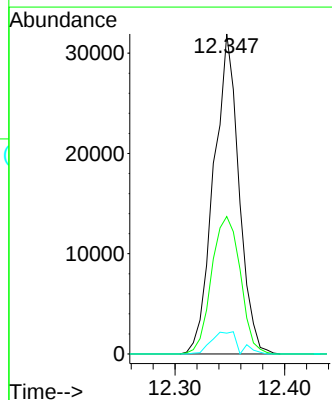
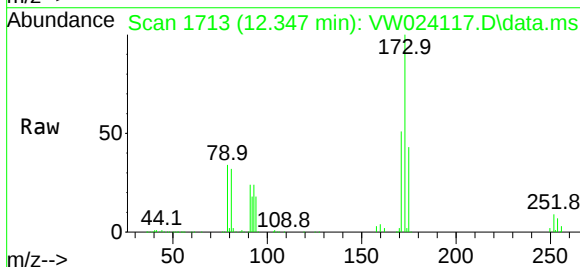
Tgt Ion:173 Resp: 51129

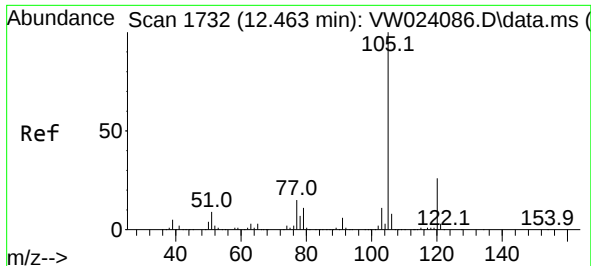
Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 6.5 7.0 10.4#

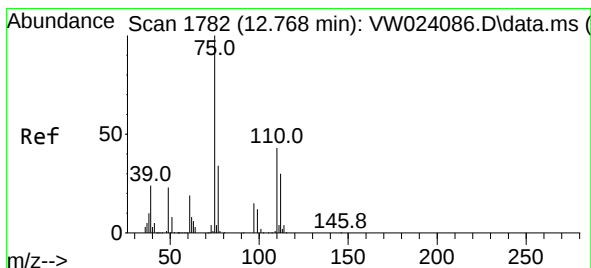
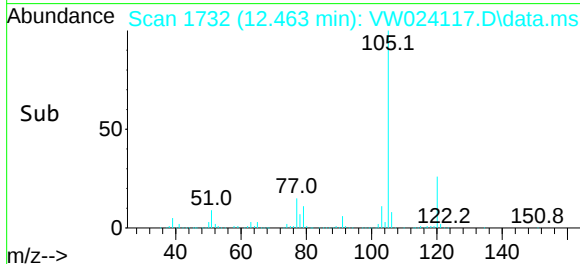
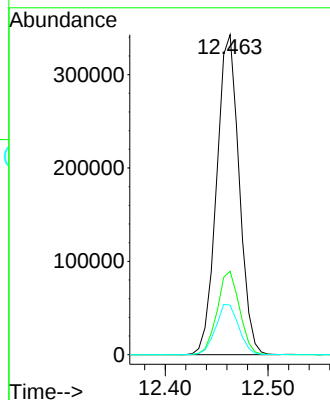
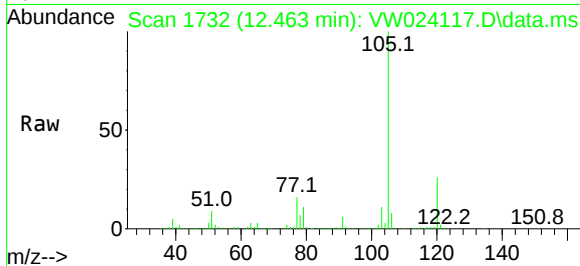




#60
Isopropylbenzene
Concen: 26.974 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

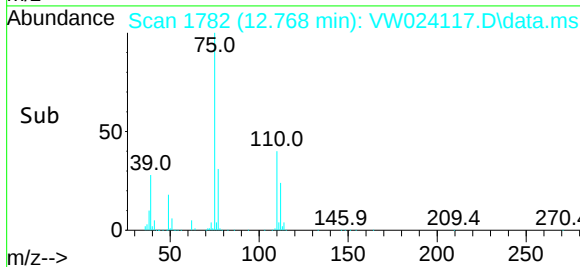
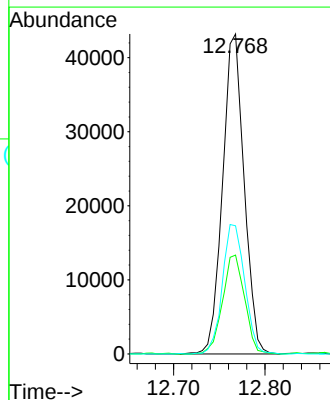
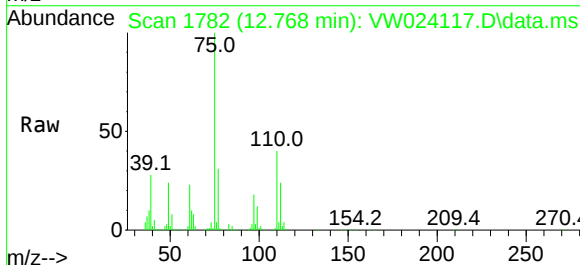
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

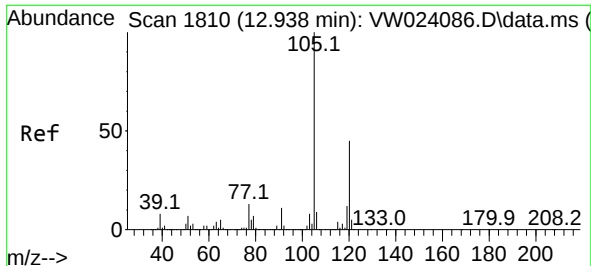
Tgt Ion:105 Resp: 520210
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 16.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 20.697 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion: 75 Resp: 70830
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
110 42.0 33.0 49.4

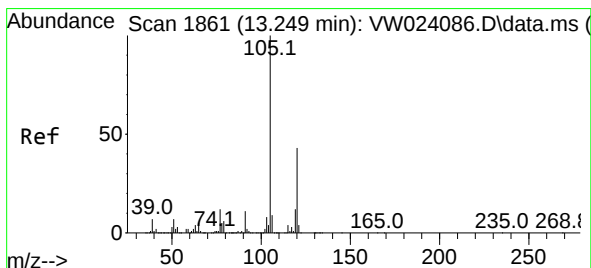
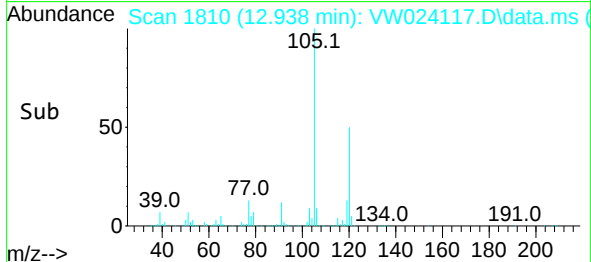
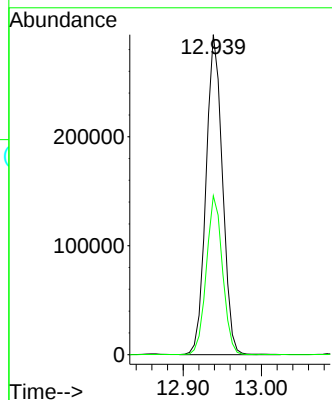
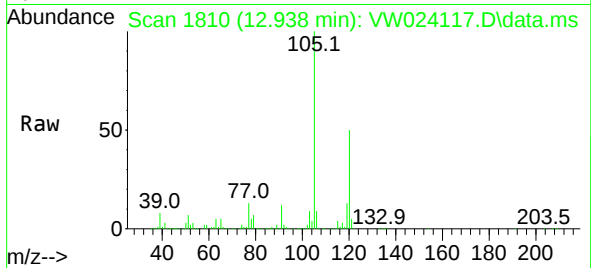




#62
1,3,5-Trimethylbenzene
Concen: 27.525 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

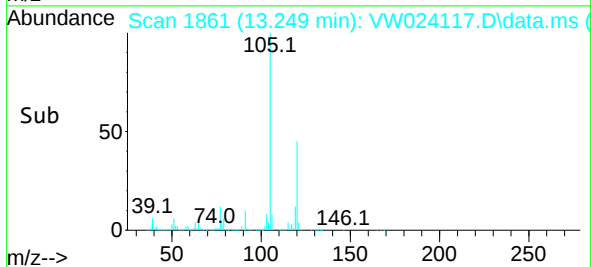
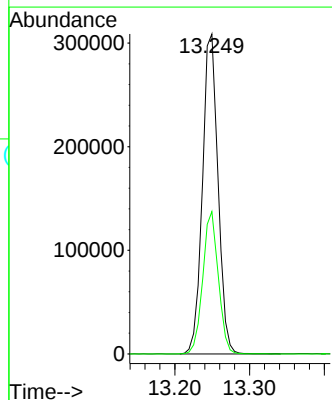
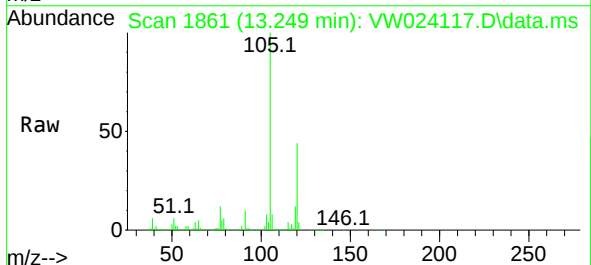
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

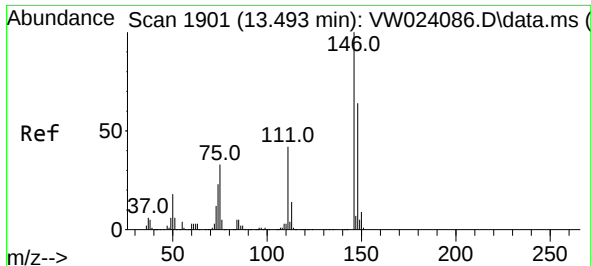
Tgt Ion:105 Resp: 427069
Ion Ratio Lower Upper
105 100
120 48.8 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 28.477 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion:105 Resp: 447198
Ion Ratio Lower Upper
105 100
120 44.3 36.1 54.1

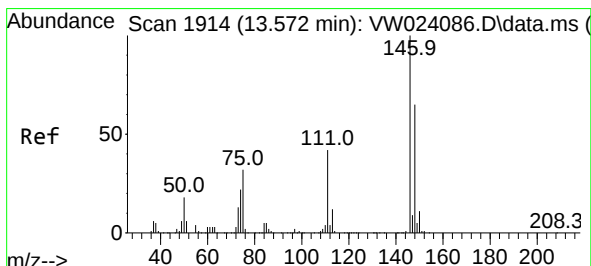
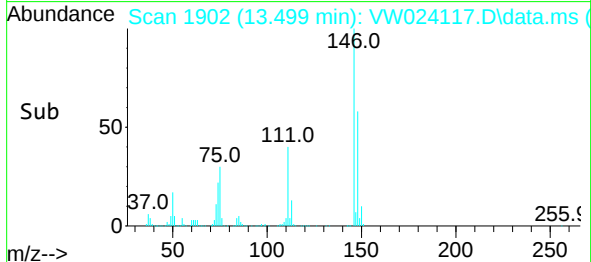
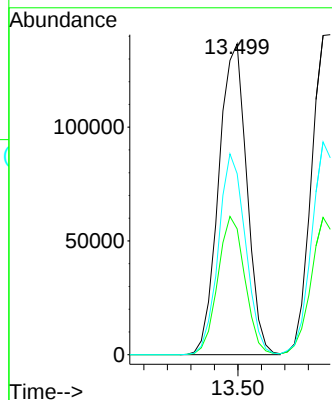
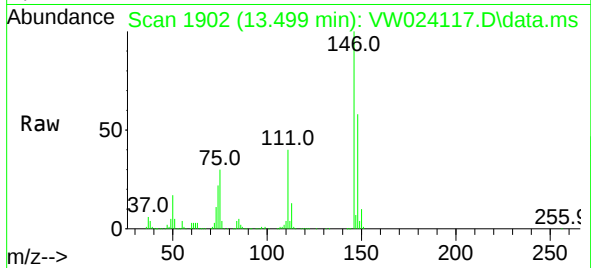




#64
1,3-Dichlorobenzene
Concen: 24.643 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

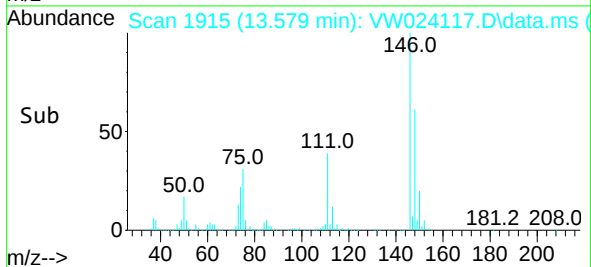
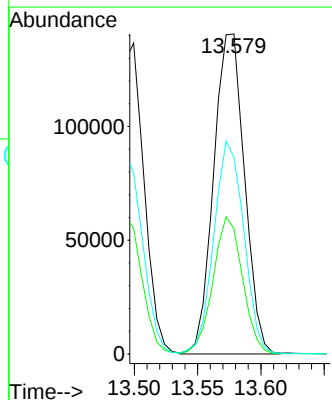
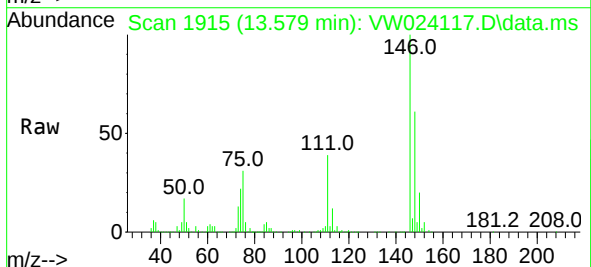
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

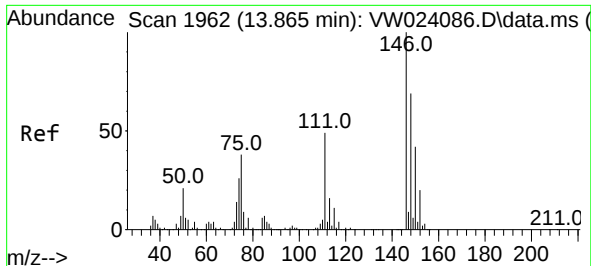
Tgt Ion:146 Resp: 227300
Ion Ratio Lower Upper
146 100
111 40.5 26.4 49.0
148 58.2 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 24.404 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024117.D
Acq: 27 Jul 2022 13:58

Tgt Ion:146 Resp: 238950
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.9
148 61.5 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 25.251 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

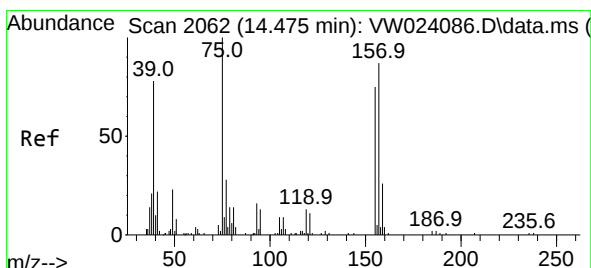
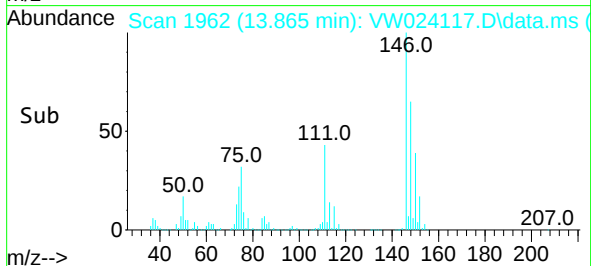
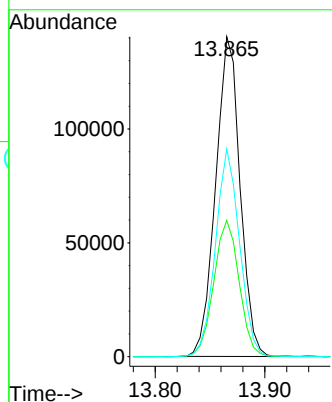
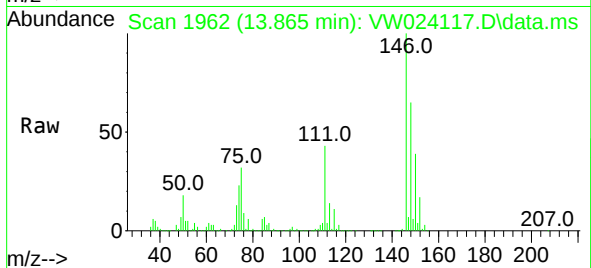
Tgt Ion:146 Resp: 217861

Ion Ratio Lower Upper

146 100

111 42.6 33.9 50.9

148 64.9 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.890 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

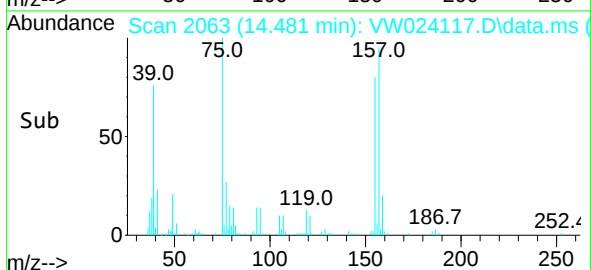
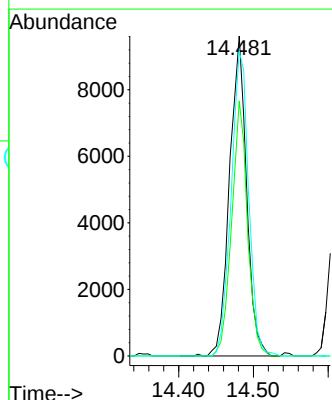
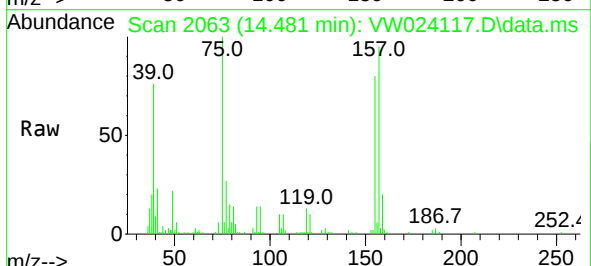
Tgt Ion: 75 Resp: 15210

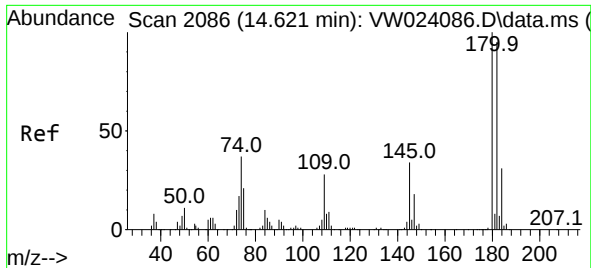
Ion Ratio Lower Upper

75 100

155 79.7 58.6 88.0

157 95.3 64.0 96.0

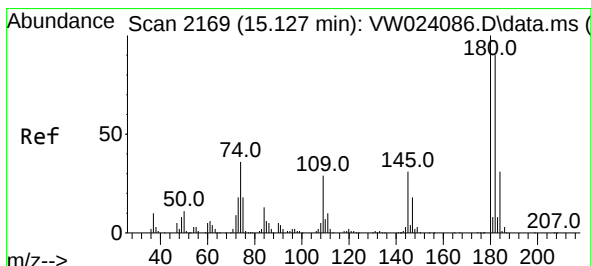
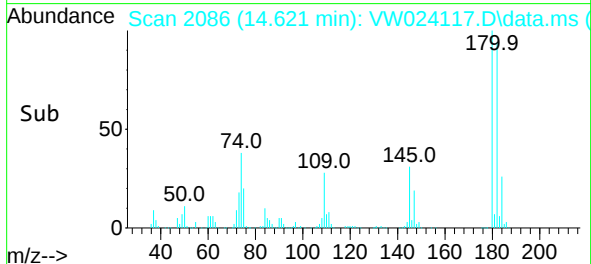
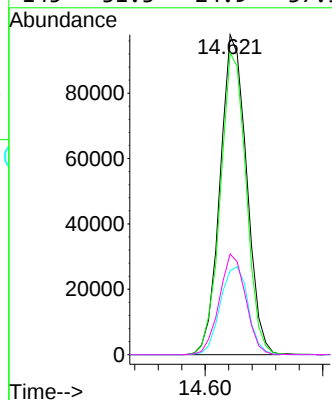
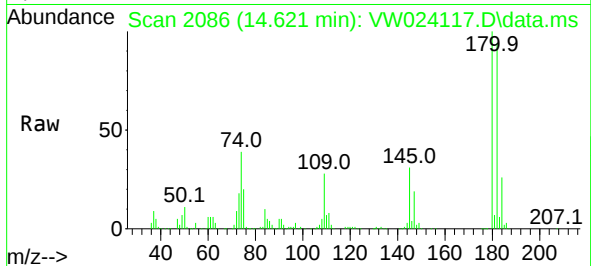




#69
 1,3,5-Trichlorobenzene
 Concen: 26.084 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

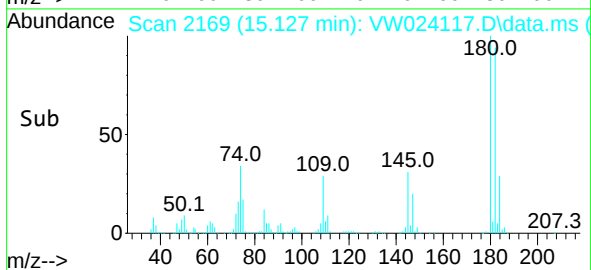
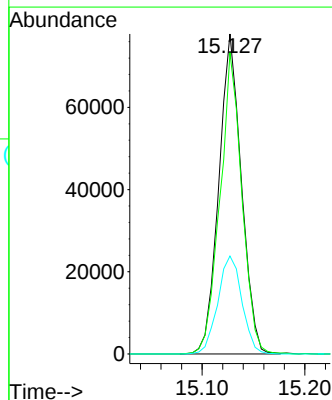
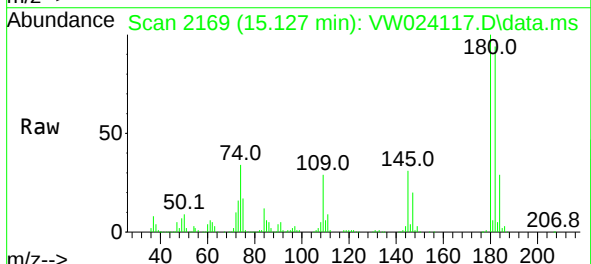
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

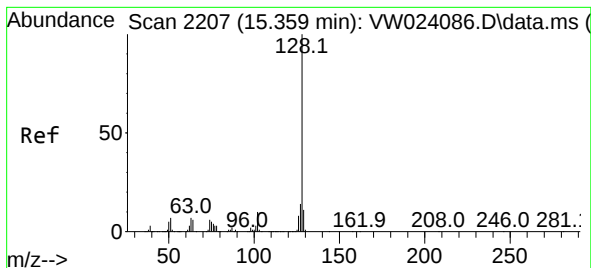
Tgt Ion:180 Resp: 153429
 Ion Ratio Lower Upper
 180 100
 182 91.8 73.9 110.9
 184 28.9 23.5 35.3
 145 31.3 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 26.617 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024117.D
 Acq: 27 Jul 2022 13:58

Tgt Ion:180 Resp: 118630
 Ion Ratio Lower Upper
 180 100
 182 91.4 72.0 108.0
 145 32.6 24.9 37.3





#71

Naphthalene

Concen: 25.031 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

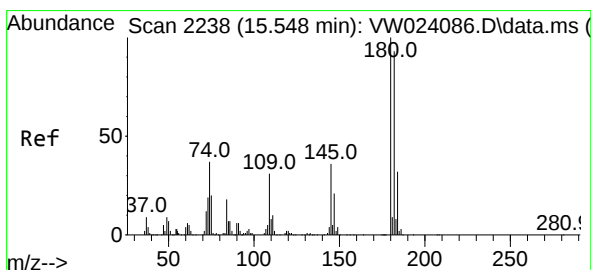
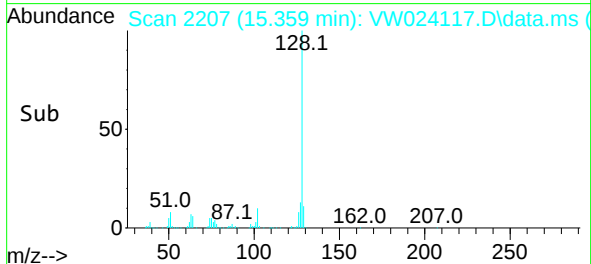
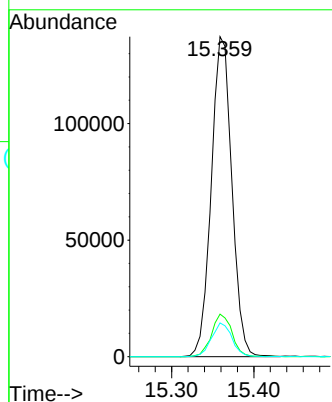
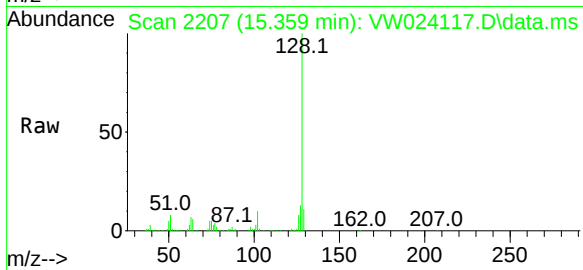
Tgt Ion:128 Resp: 238724

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.5 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 25.638 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024117.D

Acq: 27 Jul 2022 13:58

Tgt Ion:180 Resp: 107483

Ion Ratio Lower Upper

180 100

182 92.4 77.8 116.8

145 33.5 27.6 41.4

