

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025939.D
 Acq On : 10 May 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 2.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: May 11 02:13:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	570014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	514811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	253824	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	182361	22.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
7) Chloroethane-d5	2.899	69	134774	22.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.021	65	93421	23.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.400%
21) 2-Butanone-d5	7.075	46	124955	46.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.580%
24) Chloroform-d	7.648	84	426550	25.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	8.301	65	224762	24.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.720%
32) Benzene-d6	8.270	84	832655	24.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	9.270	67	273569	25.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.319	98	728760	24.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.160%
43) trans-1,3-Dichloroprop...	10.575	79	102110	23.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.922	63	89065	48.529	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	203291	24.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	13.854	152	223770	24.184	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	144918	22.756	ug/L	97
3) Chloromethane	2.222	50	252769	26.920	ug/L	99
5) Vinyl chloride	2.375	62	232913	23.965	ug/L	95
6) Bromomethane	2.783	94	125422	23.727	ug/L	97
8) Chloroethane	2.930	64	127553	23.081	ug/L	97
9) Trichlorofluoromethane	3.265	101	178135	24.287	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	209323	26.241	ug/L	97
12) 1,1-Dichloroethene	4.045	96	192299	25.225	ug/L	97
13) Acetone	4.118	43	97244	41.070	ug/L	97
14) Carbon disulfide	4.393	76	610920	23.697	ug/L	99
15) Methyl Acetate	4.667	43	105980	22.713	ug/L	98
16) Methylene chloride	4.917	84	264895	22.534	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	206535	24.834	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	306576	24.288	ug/L	99
19) 1,1-Dichloroethane	6.216	63	437186	25.586	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	228196	25.576	ug/L	99
22) 2-Butanone	7.167	43	140147	42.866	ug/L	98
23) Bromochloromethane	7.508	128	94495	24.999	ug/L	95
25) Chloroform	7.673	83	409745	26.091	ug/L	98

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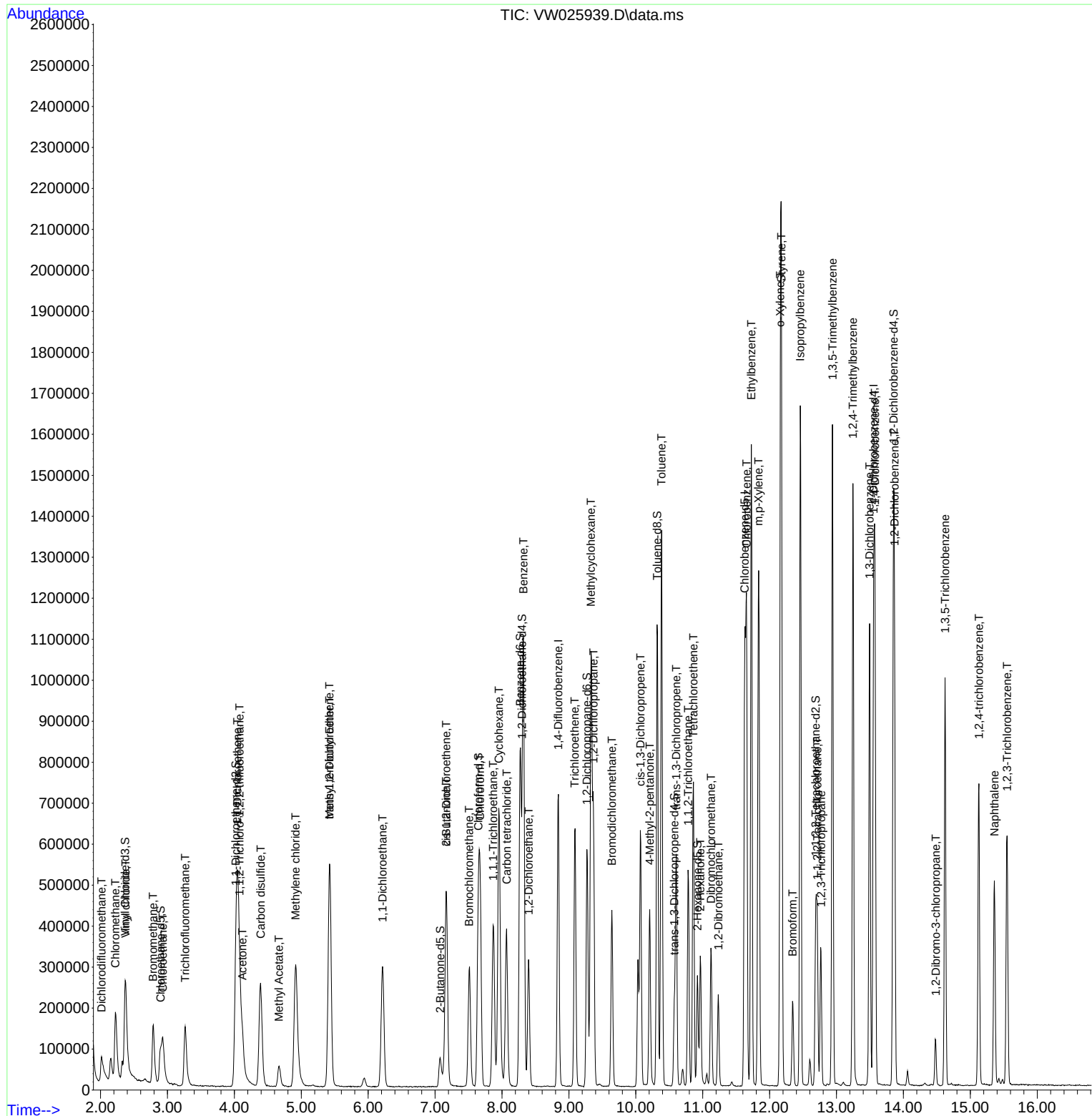
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	279321	25.044	ug/L	99
29) Cyclohexane	7.953	56	401704	25.179	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	320787	25.479	ug/L	100
31) Carbon tetrachloride	8.069	117	284929	25.147	ug/L	99
33) Benzene	8.319	78	915570	25.706	ug/L	100
34) Trichloroethene	9.087	95	229705	25.133	ug/L	94
35) Methylcyclohexane	9.331	83	403720	24.836	ug/L	99
37) 1,2-Dichloropropane	9.367	63	249953	25.615	ug/L	99
38) Bromodichloromethane	9.642	83	286718	25.610	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	354651	24.783	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	300904	47.374	ug/L	99
42) Toluene	10.386	91	944935	25.965	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	294437	24.831	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	160312	24.559	ug/L	97
46) Tetrachloroethene	10.861	164	157498	24.495	ug/L	95
48) 2-Hexanone	10.965	43	212611	46.725	ug/L	99
49) Dibromochloromethane	11.123	129	170232	25.190	ug/L	91
50) 1,2-Dibromoethane	11.233	107	145888	24.243	ug/L	100
51) Chlorobenzene	11.654	112	562549	24.952	ug/L	99
52) Ethylbenzene	11.727	91	1061431	25.928	ug/L	99
53) m,p-Xylene	11.837	106	380903	25.281	ug/L	99
54) o-Xylene	12.160	106	364712	25.681	ug/L	100
55) Styrene	12.178	104	643967	26.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	196970	24.183	ug/L	97
59) Bromoform	12.343	173	91518	24.342	ug/L	98
60) Isopropylbenzene	12.458	105	1027688	26.636	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	139906	23.323	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	808746	26.465	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	742522	26.331	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	412032	24.808	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	415982	24.790	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	370551	25.016	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	30590	21.991	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	272898	24.753	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	218874	23.697	ug/L	99
71) Naphthalene	15.360	128	409494	23.490	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	191962	23.423	ug/L	99

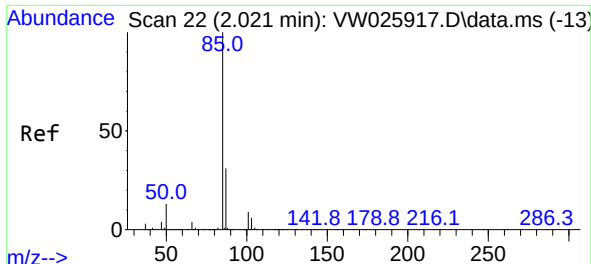
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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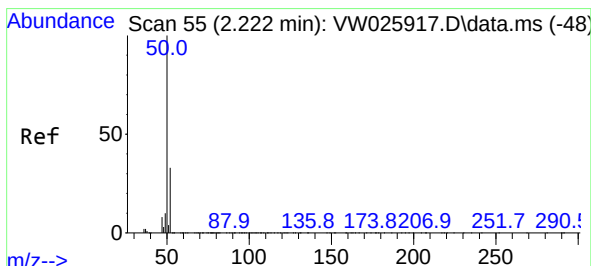
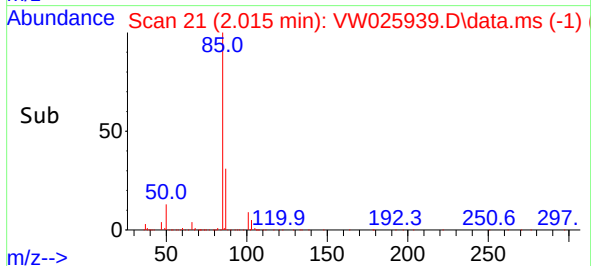
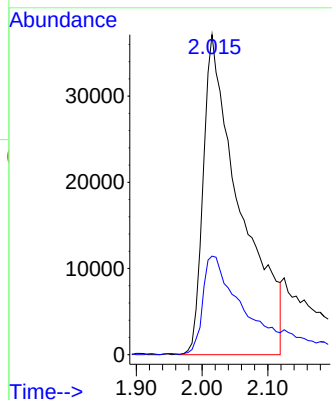
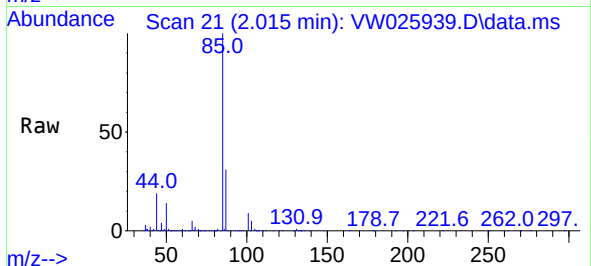




#2
Dichlorodifluoromethane
Concen: 22.756 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

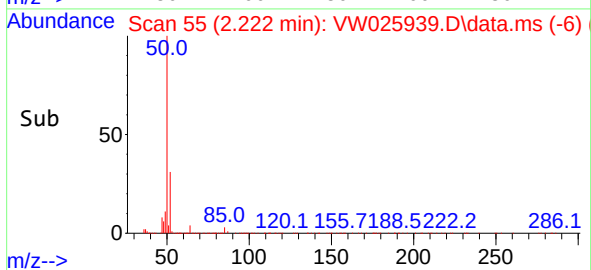
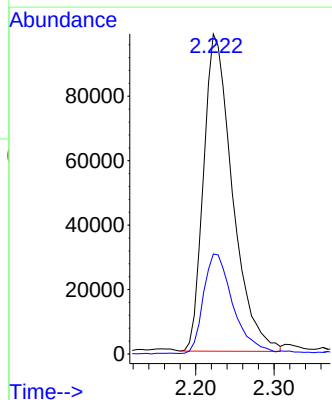
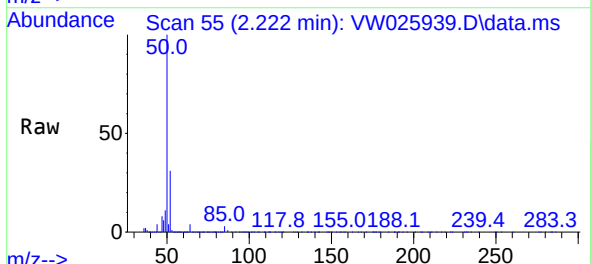
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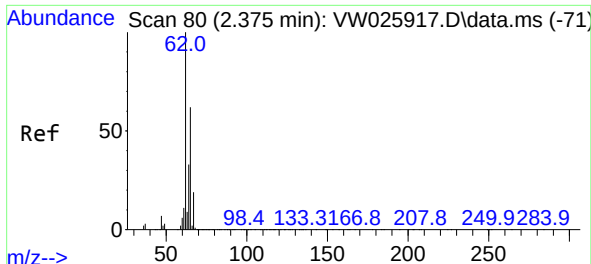
Tgt Ion: 85 Resp: 144918
Ion Ratio Lower Upper
85 100
87 32.4 24.7 37.1



#3
Chloromethane
Concen: 26.920 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 50 Resp: 252769
Ion Ratio Lower Upper
50 100
52 31.3 22.1 41.1

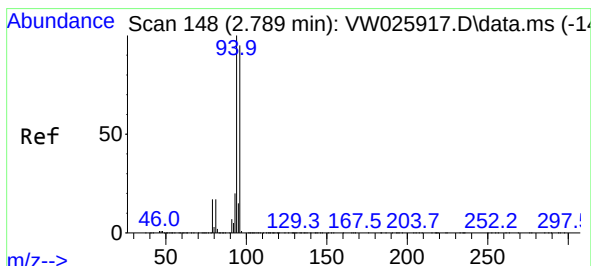
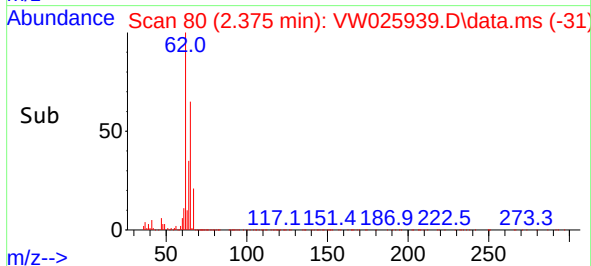
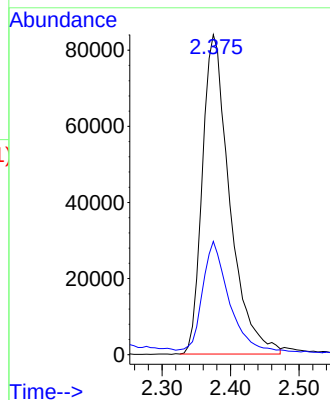
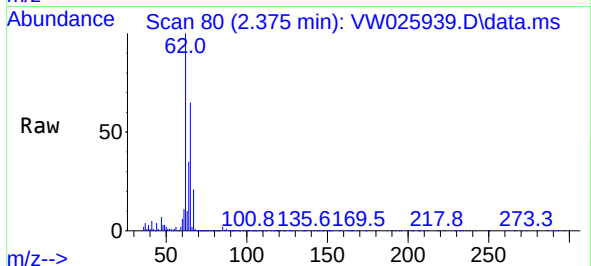




#5
 Vinyl chloride
 Concen: 23.965 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025939.D
 Acq: 10 May 2023 19:02

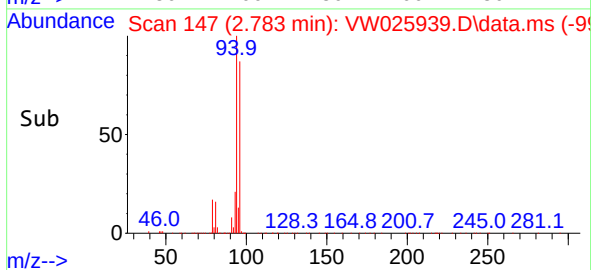
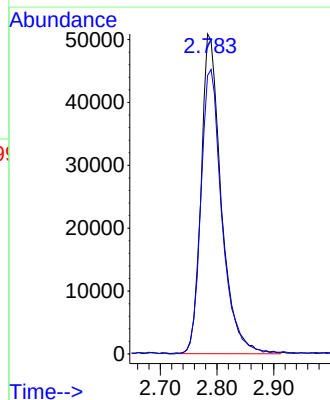
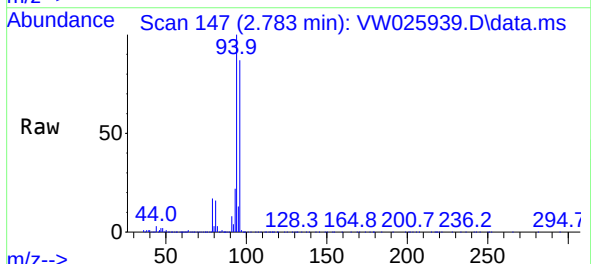
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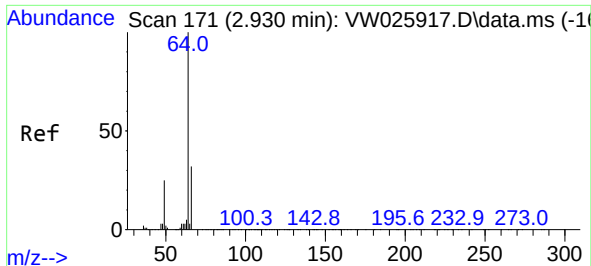
Tgt Ion: 62 Resp: 232913
 Ion Ratio Lower Upper
 62 100
 64 35.4 22.7 42.3



#6
 Bromomethane
 Concen: 23.727 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025939.D
 Acq: 10 May 2023 19:02

Tgt Ion: 94 Resp: 125422
 Ion Ratio Lower Upper
 94 100
 96 87.0 63.1 117.1

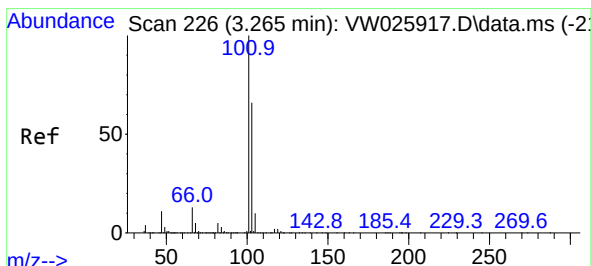
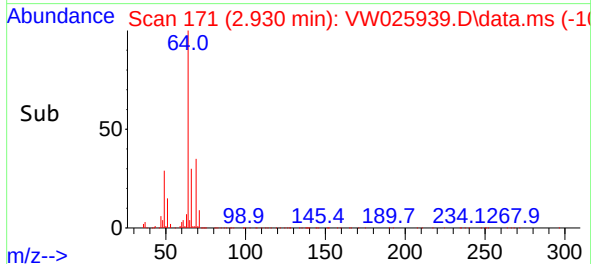
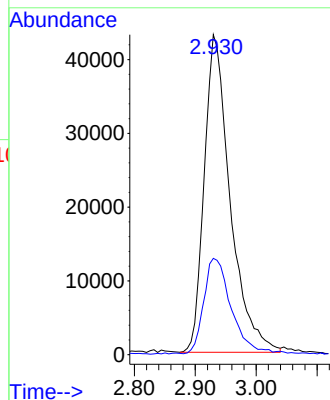
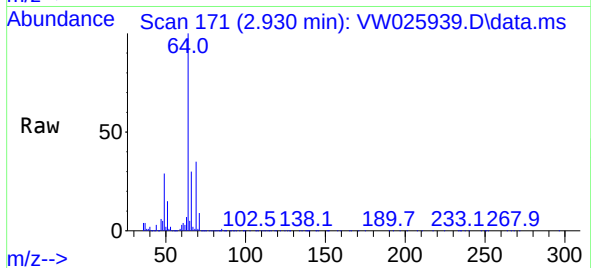




#8
Chloroethane
Concen: 23.081 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

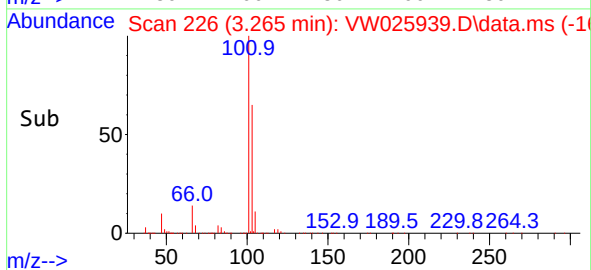
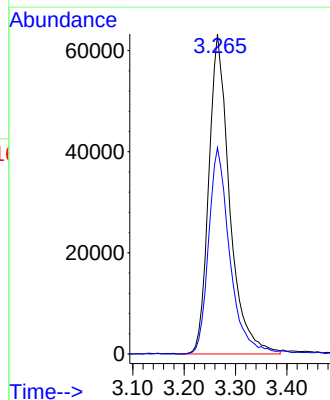
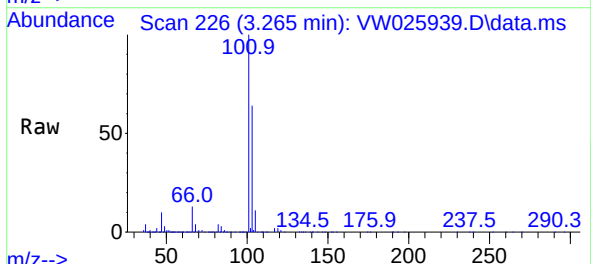
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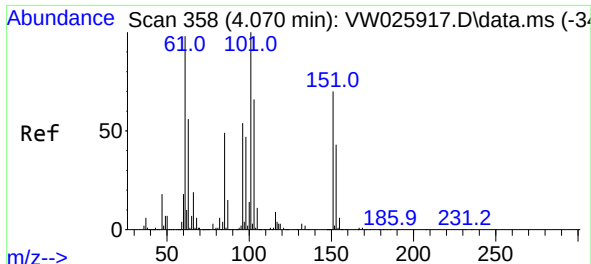
Tgt Ion: 64 Resp: 127553
Ion Ratio Lower Upper
64 100
66 30.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.287 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 101 Resp: 178135
Ion Ratio Lower Upper
101 100
103 65.2 50.6 76.0

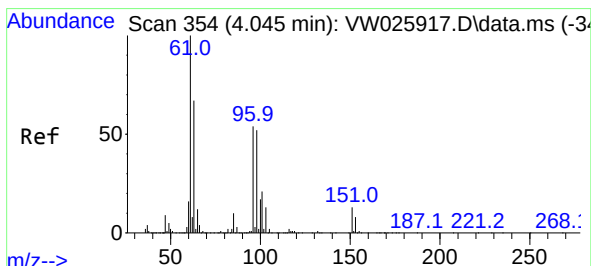
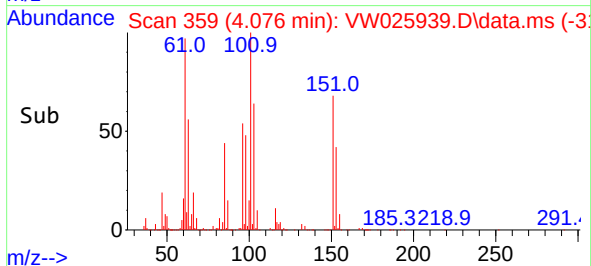
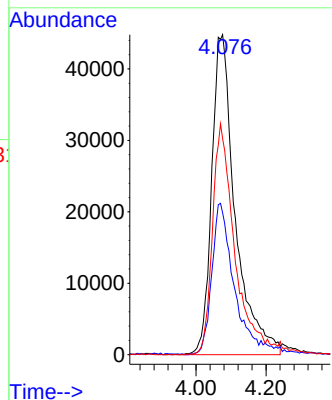
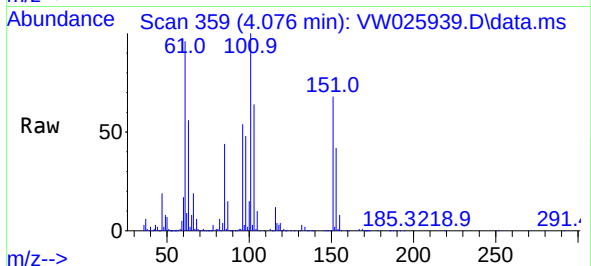




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.241 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW025939.D
 Acq: 10 May 2023 19:02

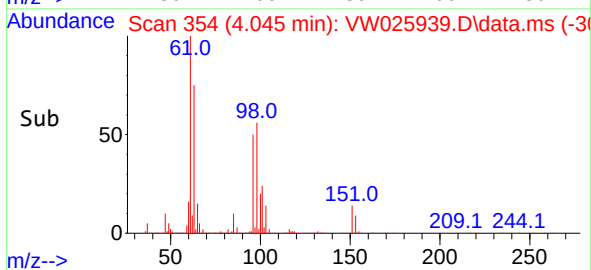
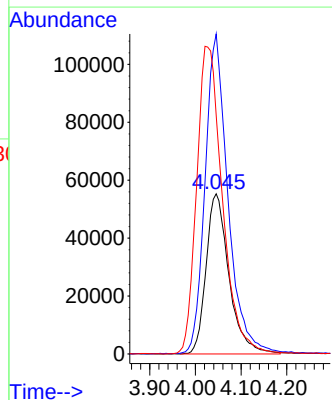
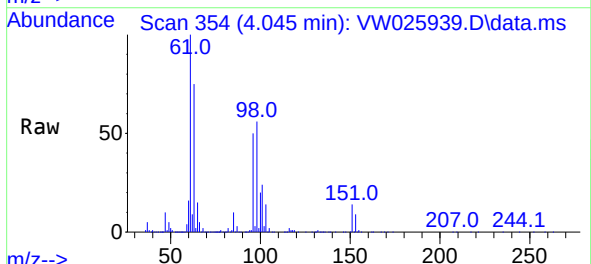
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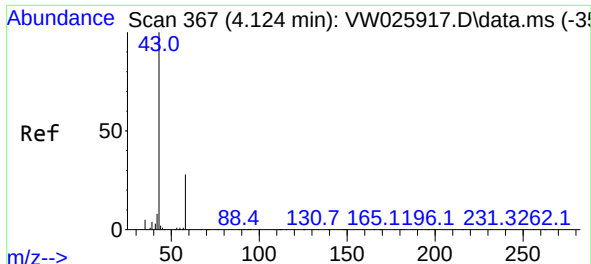
Tgt Ion:101 Resp: 209323
 Ion Ratio Lower Upper
 101 100
 85 39.3 33.9 50.9
 151 66.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.225 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025939.D
 Acq: 10 May 2023 19:02

Tgt Ion: 96 Resp: 192299
 Ion Ratio Lower Upper
 96 100
 61 199.8 135.0 250.8
 63 149.0 104.9 194.7

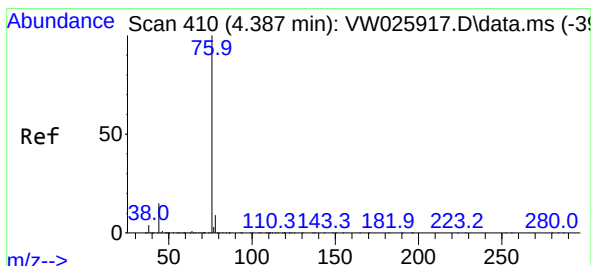
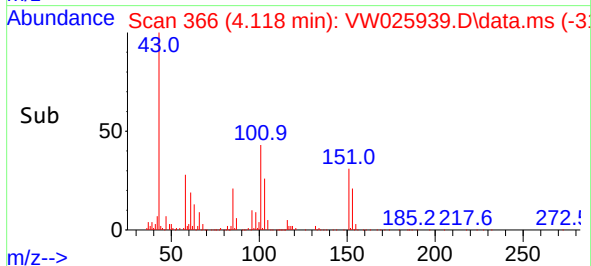
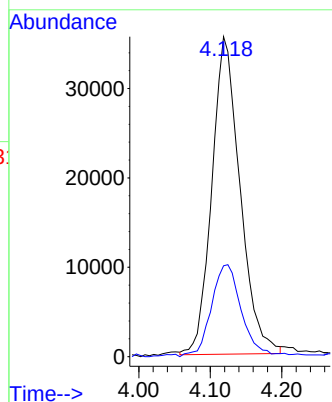
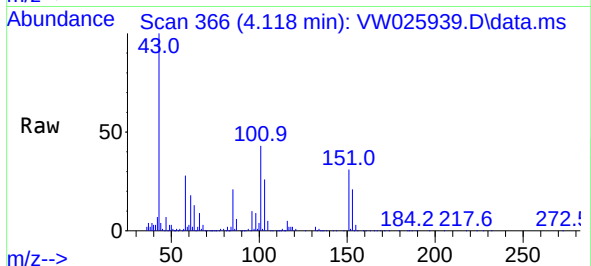




#13
Acetone
Concen: 41.070 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

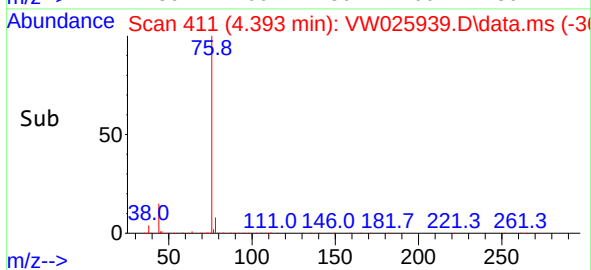
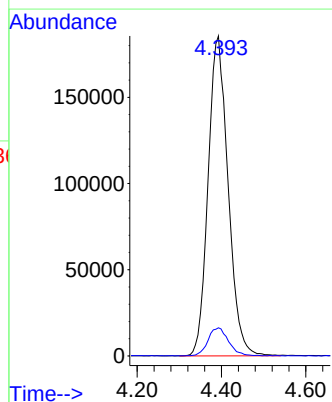
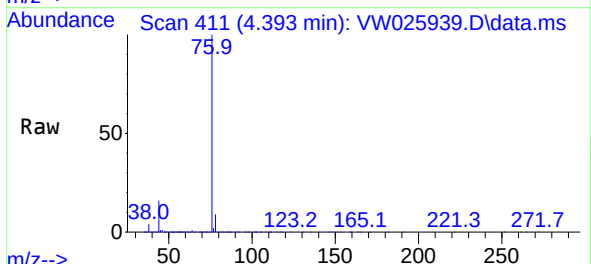
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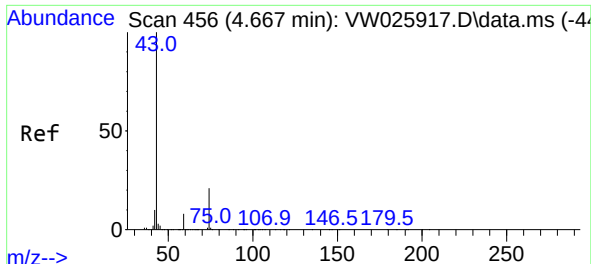
Tgt Ion: 43 Resp: 97244
Ion Ratio Lower Upper
43 100
58 30.6 0.0 58.2



#14
Carbon disulfide
Concen: 23.697 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 610920
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

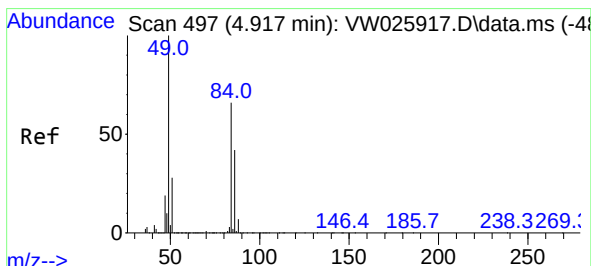
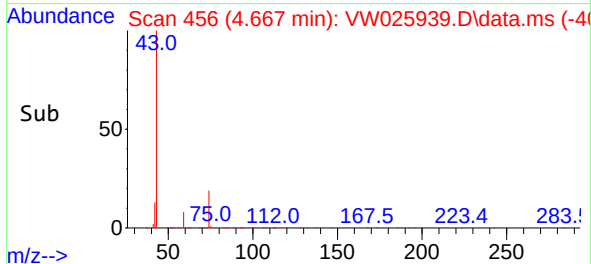
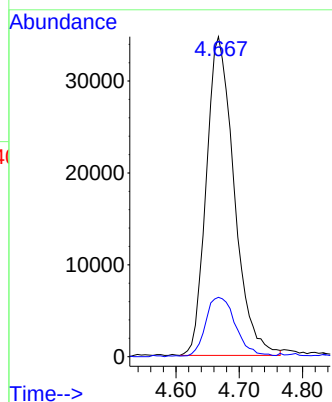
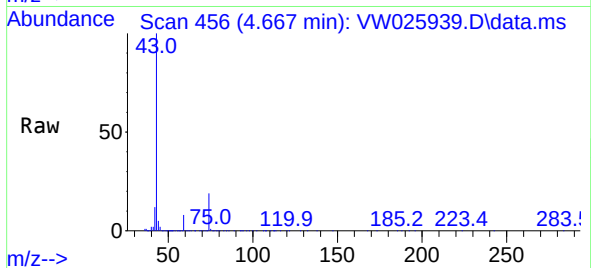




#15
Methyl Acetate
Concen: 22.713 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

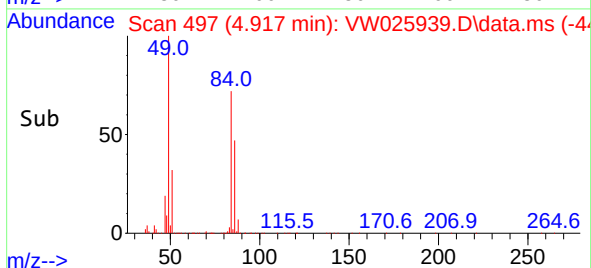
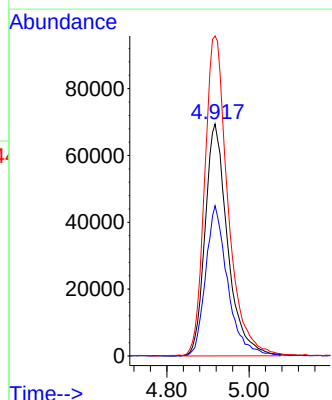
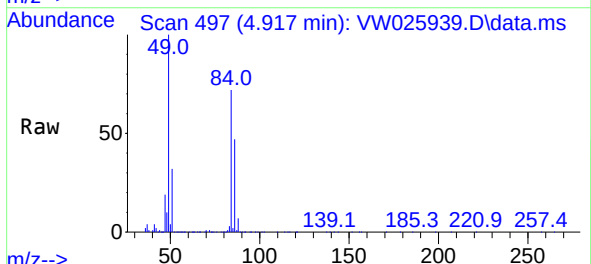
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

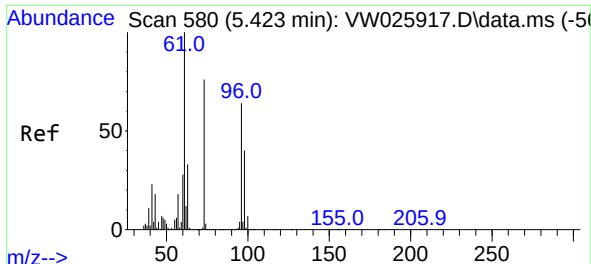
Tgt Ion: 43 Resp: 105980
Ion Ratio Lower Upper
43 100
74 19.8 16.5 24.7



#16
Methylene chloride
Concen: 22.534 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 84 Resp: 264895
Ion Ratio Lower Upper
84 100
86 64.8 41.7 77.5
49 138.0 95.3 177.1

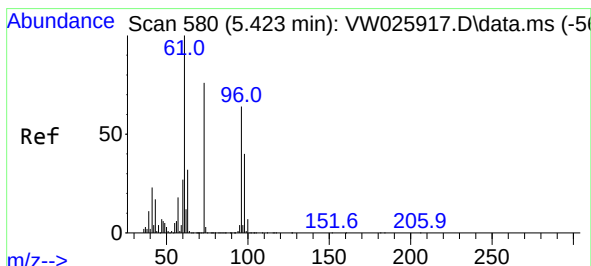
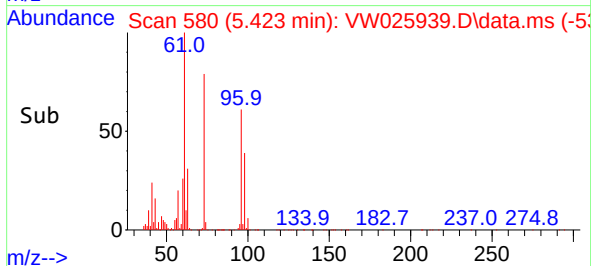
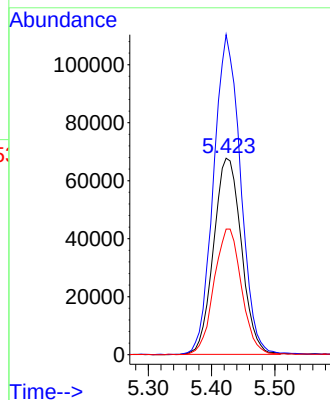
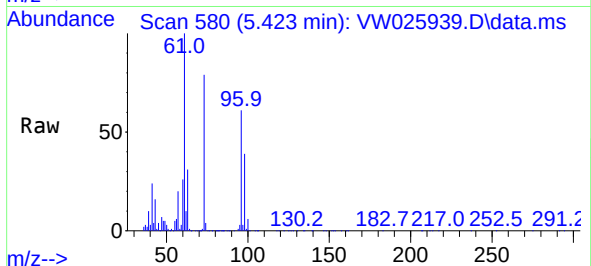




#17
trans-1,2-Dichloroethene
Concen: 24.834 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

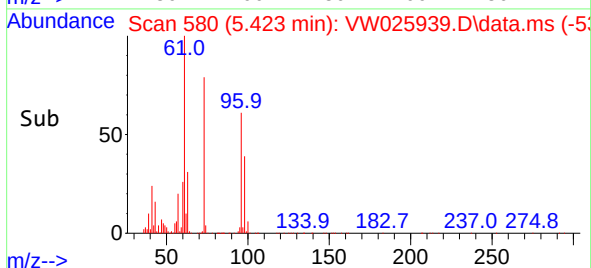
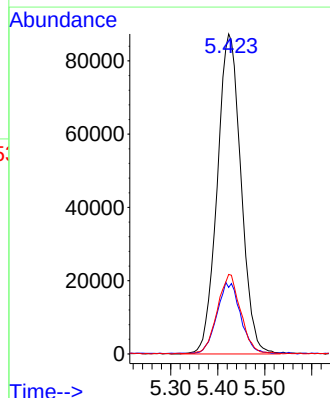
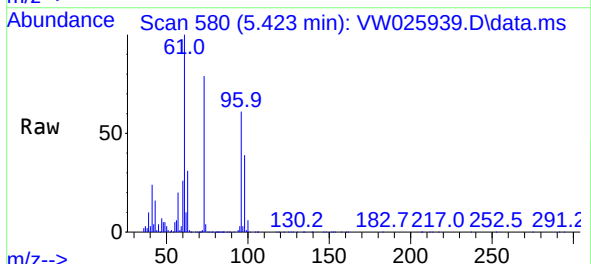
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

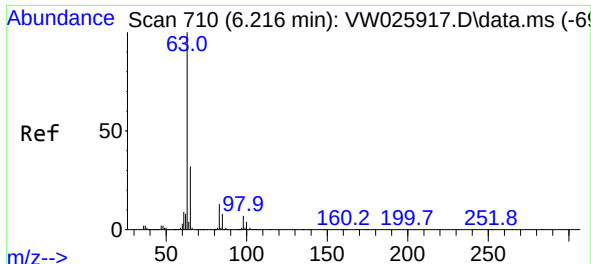
Tgt Ion: 96 Resp: 206535
Ion Ratio Lower Upper
96 100
61 162.9 108.1 200.9
98 64.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.288 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 73 Resp: 306576
Ion Ratio Lower Upper
73 100
43 22.0 18.2 27.4
57 24.0 19.2 28.8

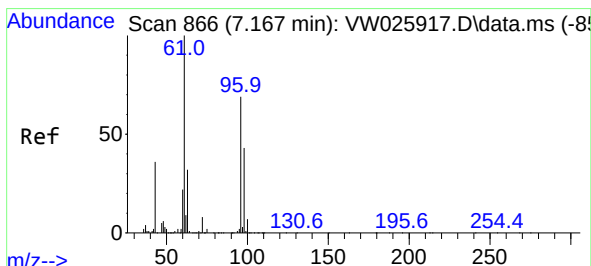
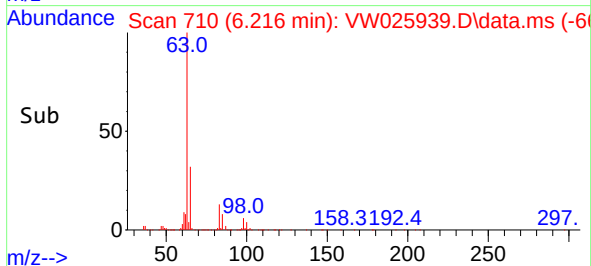
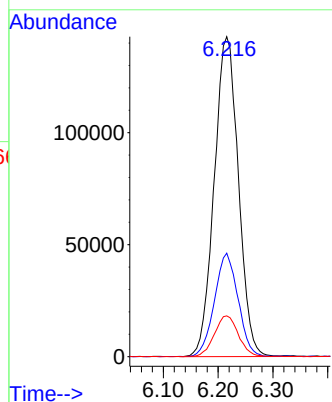
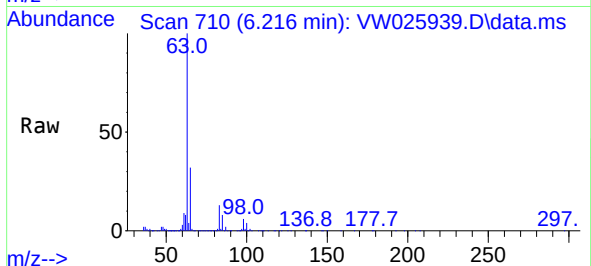




#19
1,1-Dichloroethane
Concen: 25.586 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

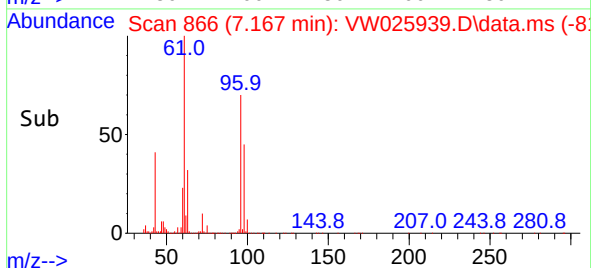
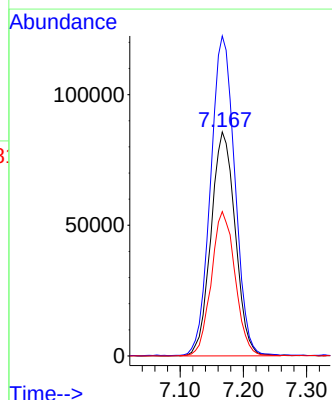
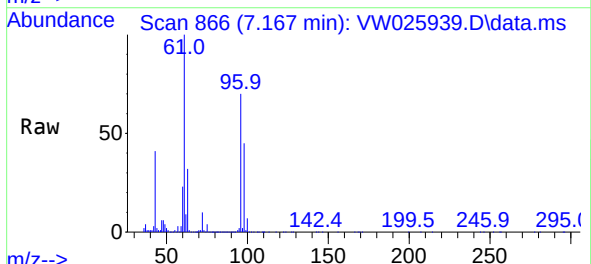
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

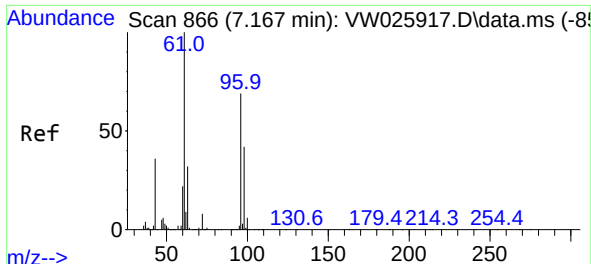
Tgt Ion: 63 Resp: 437186
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 12.7 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 25.576 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 96 Resp: 228196
Ion Ratio Lower Upper
96 100
61 142.8 98.6 183.0
98 64.4 45.2 84.0

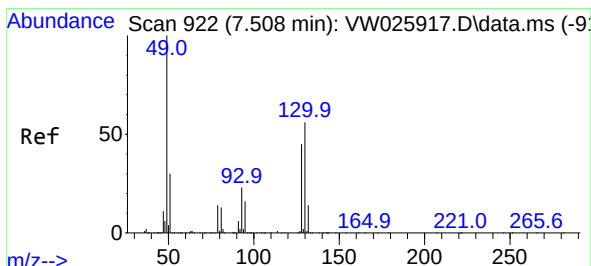
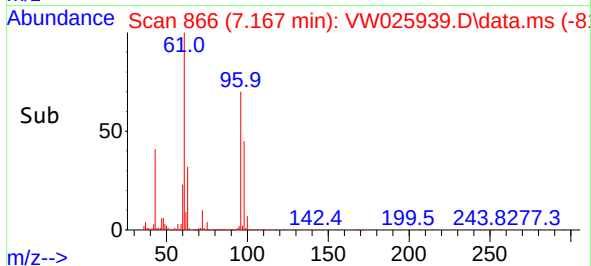
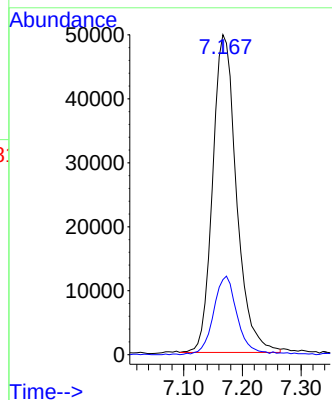
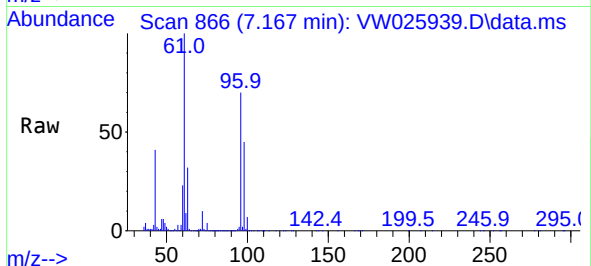




#22
2-Butanone
Concen: 42.866 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

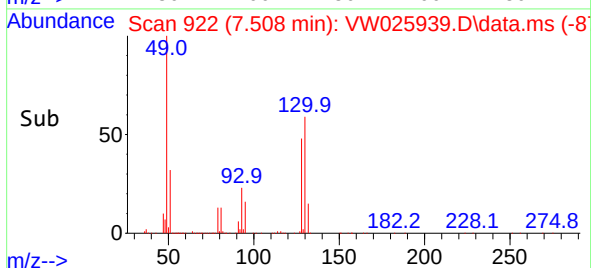
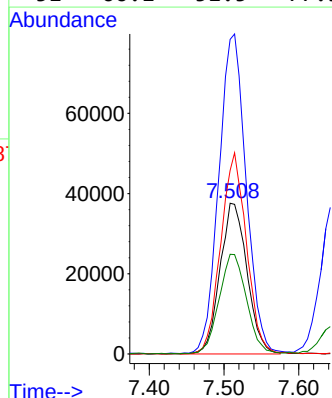
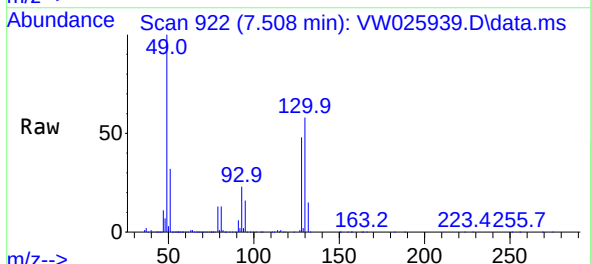
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

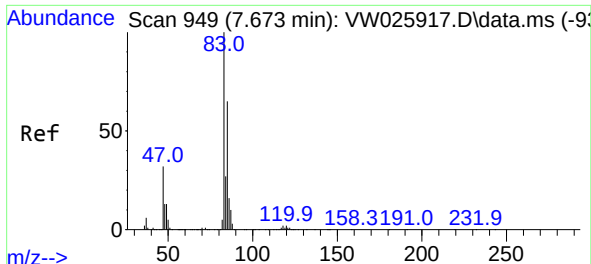
Tgt Ion: 43 Resp: 140147
Ion Ratio Lower Upper
43 100
72 24.5 11.8 35.4



#23
Bromochloromethane
Concen: 24.999 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 128 Resp: 94495
Ion Ratio Lower Upper
128 100
49 208.6 151.5 281.5
130 121.7 91.3 169.6
51 66.1 51.5 77.3

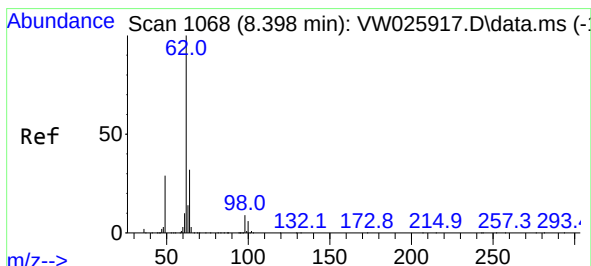
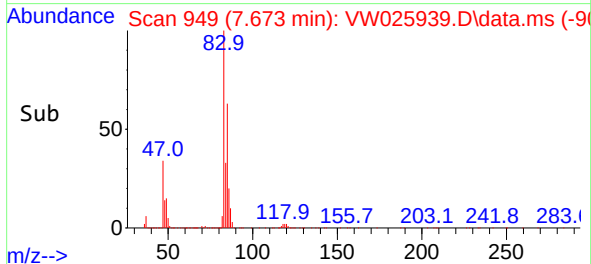
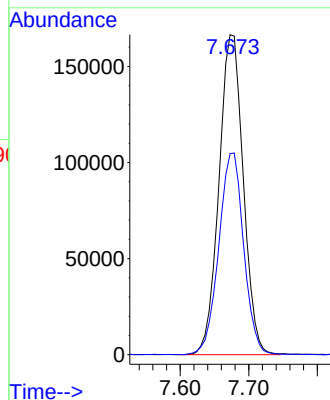
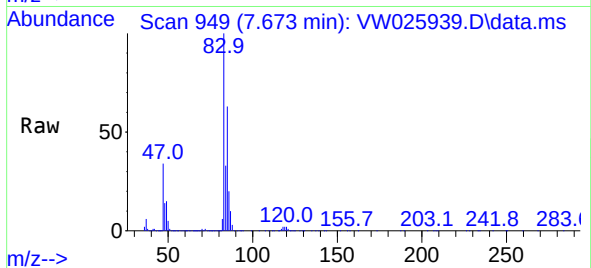




#25
Chloroform
Concen: 26.091 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

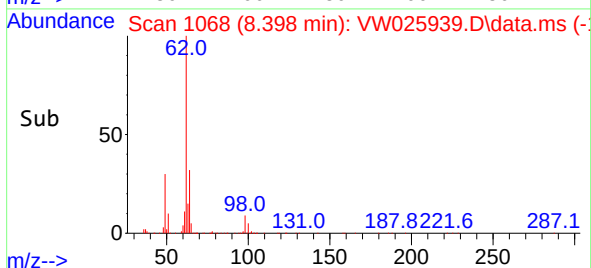
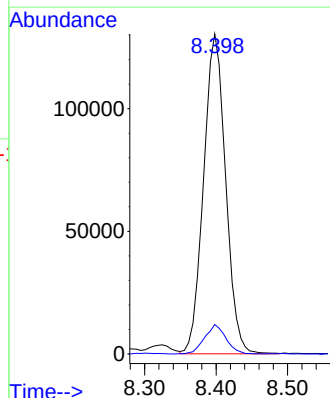
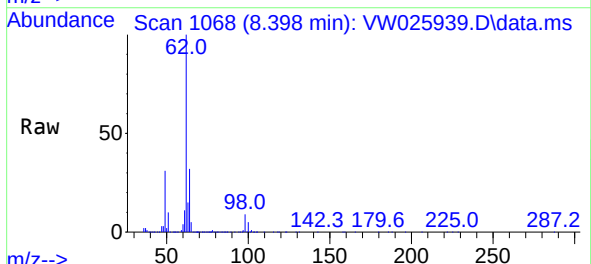
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

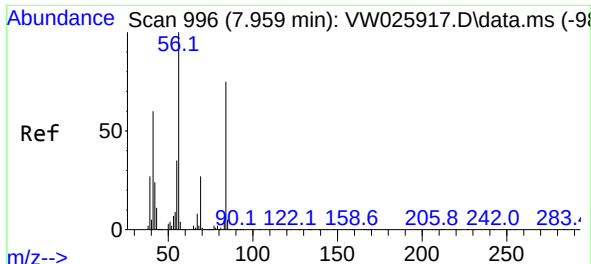
Tgt Ion: 83 Resp: 409745
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.044 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 62 Resp: 279321
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 25.179 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

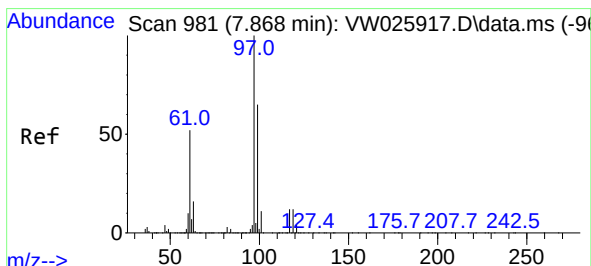
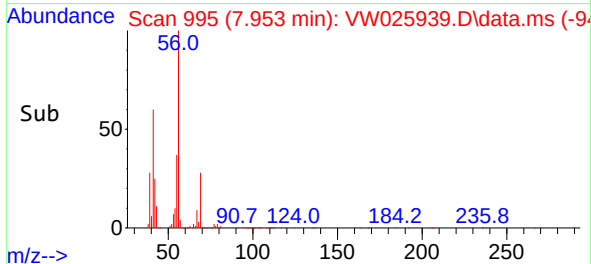
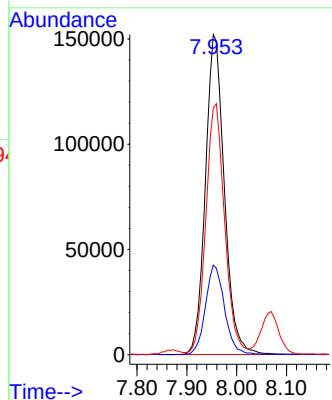
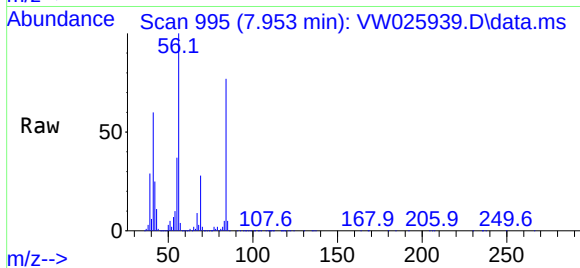
Tgt Ion: 56 Resp: 401704

Ion Ratio Lower Upper

56 100

69 28.2 23.4 35.0

84 78.1 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 25.479 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

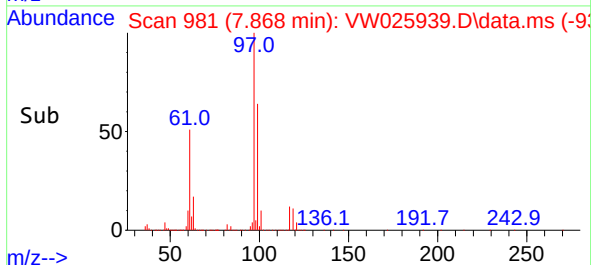
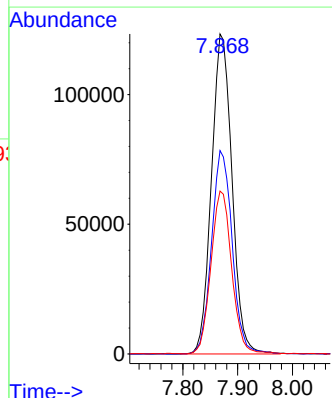
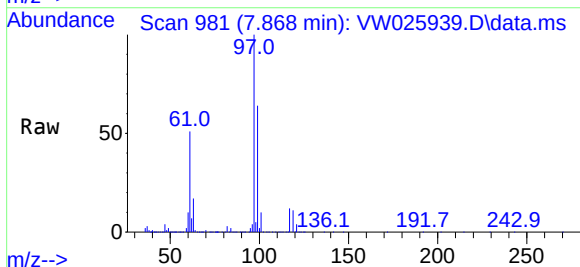
Tgt Ion: 97 Resp: 320787

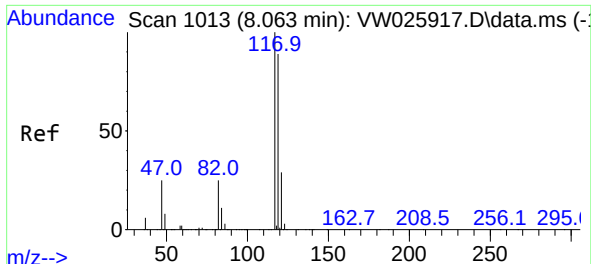
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 51.0 40.4 60.6

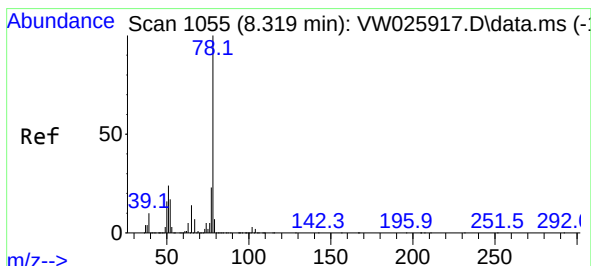
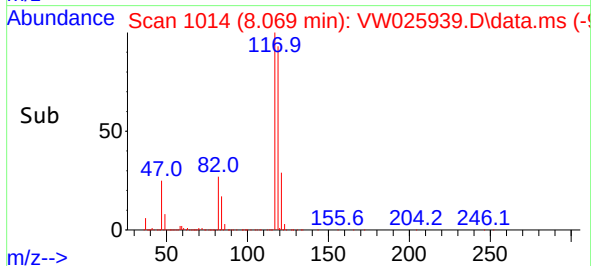
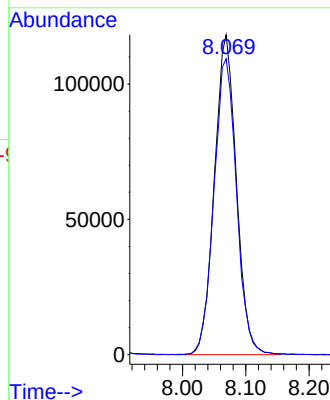
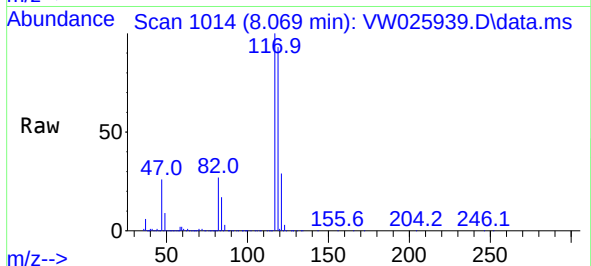




#31
Carbon tetrachloride
Concen: 25.147 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

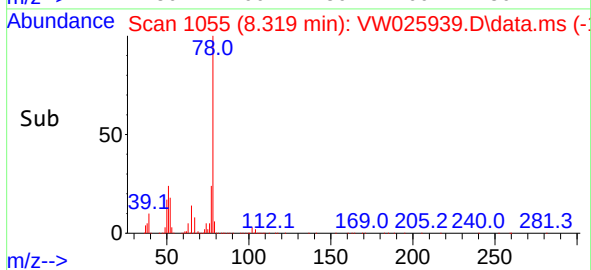
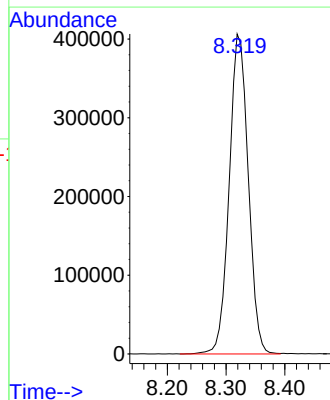
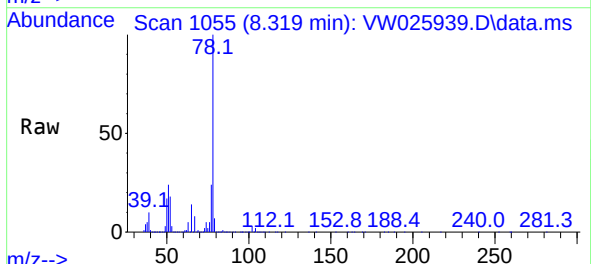
Instrument : MSVOA_W
ClientSampleId : VSTD025484

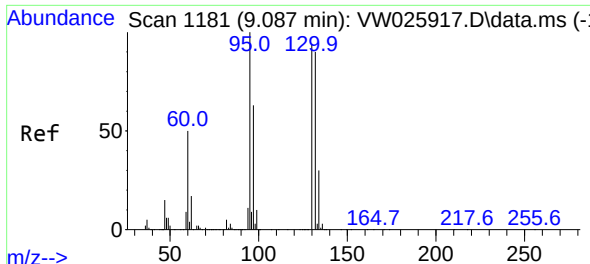
Tgt Ion:117 Resp: 284929
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3



#33
Benzene
Concen: 25.706 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 78 Resp: 915570



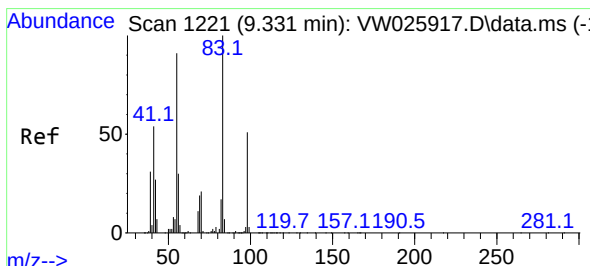
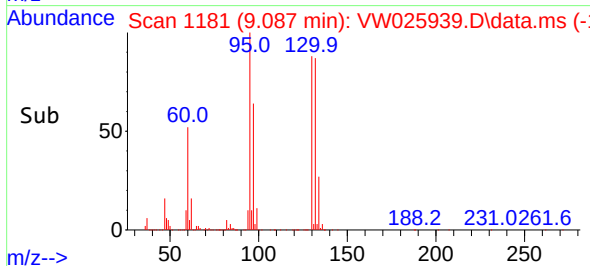
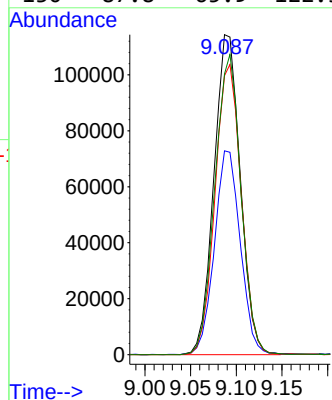
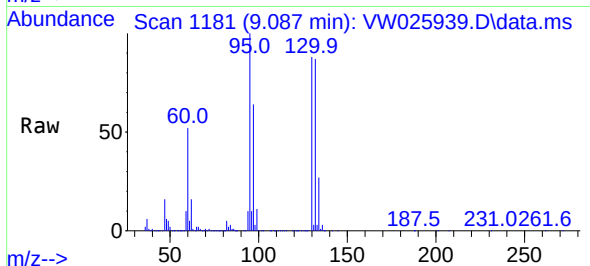


#34
Trichloroethene
Concen: 25.133 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Tgt Ion: 95 Resp: 229705

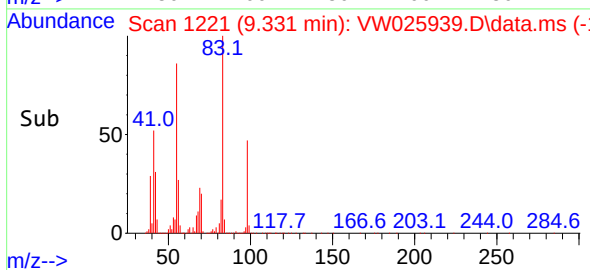
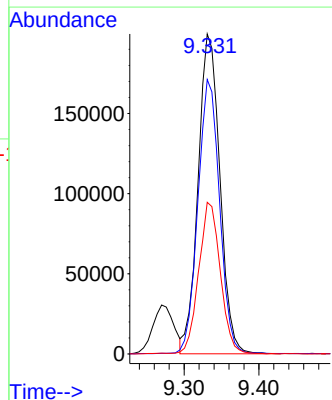
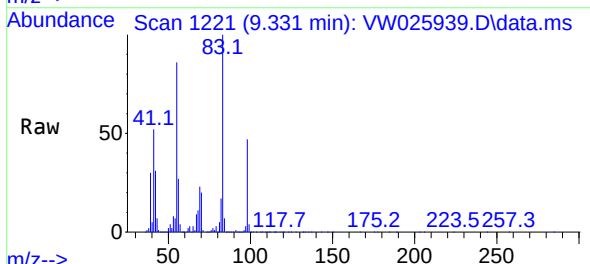
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.9	85.3
132	87.2	66.0	122.6
130	87.8	65.9	122.3

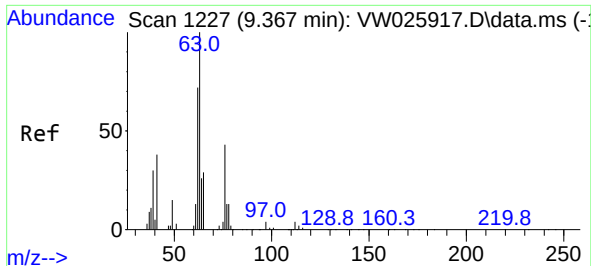


#35
Methylcyclohexane
Concen: 24.836 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 83 Resp: 403720

Ion	Ratio	Lower	Upper
83	100		
55	85.6	69.0	103.4
98	47.0	37.1	55.7





#37

1,2-Dichloropropane

Concen: 25.615 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

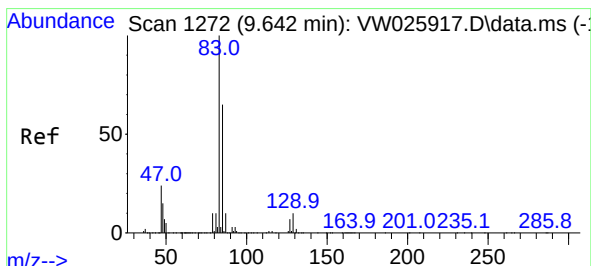
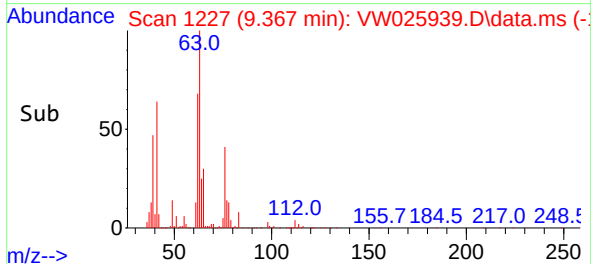
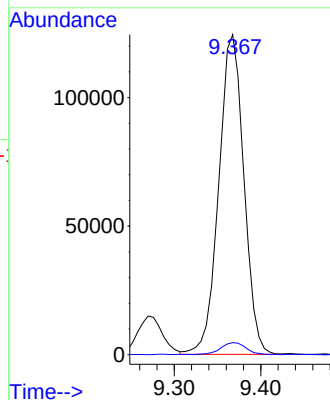
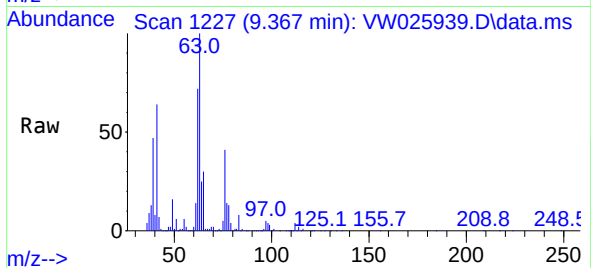
VSTD025484

Tgt Ion: 63 Resp: 249953

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 25.610 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

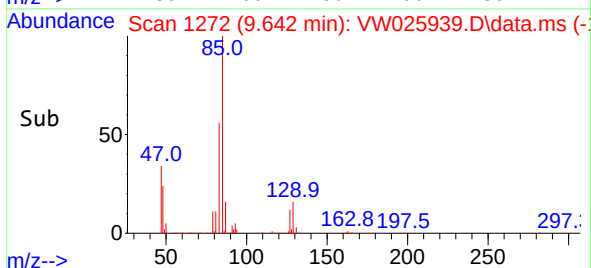
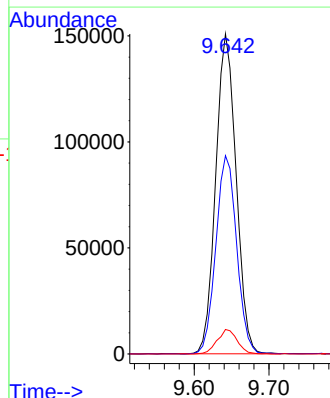
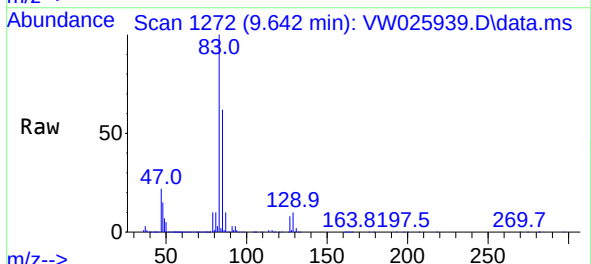
Tgt Ion: 83 Resp: 286718

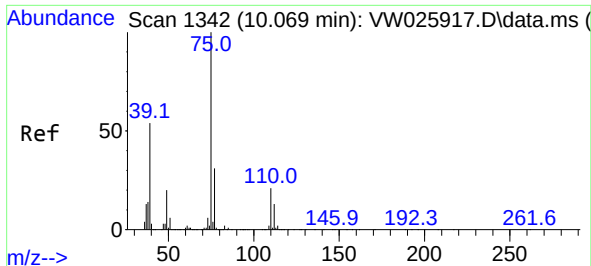
Ion Ratio Lower Upper

83 100

85 62.0 44.4 82.5

127 7.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.783 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

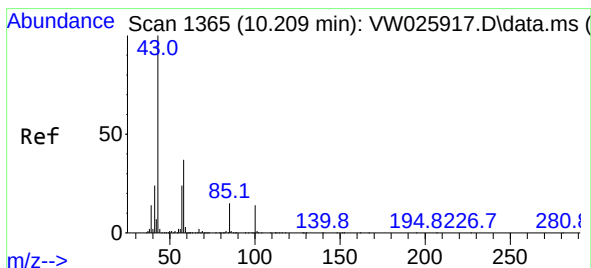
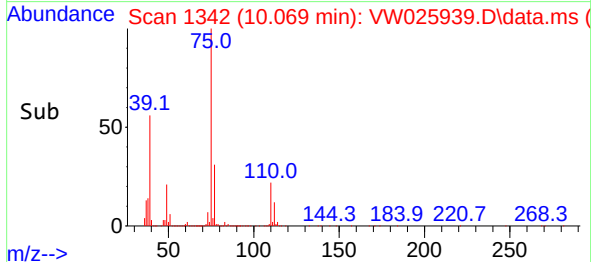
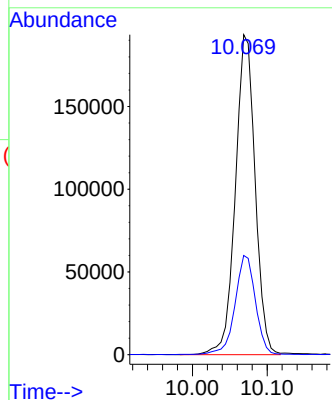
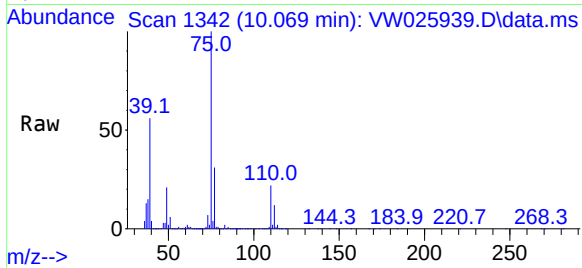
VSTD025484

Tgt Ion: 75 Resp: 354651

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 47.374 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

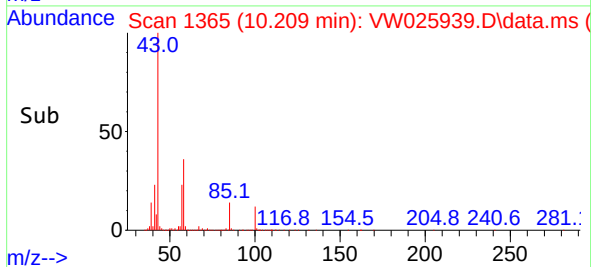
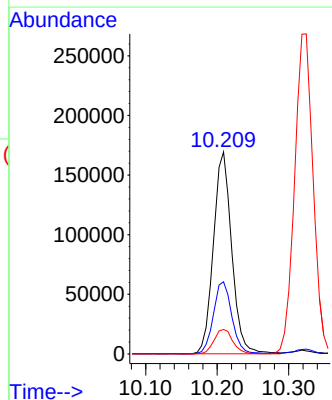
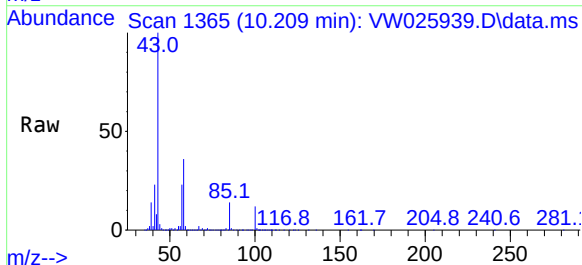
Tgt Ion: 43 Resp: 300904

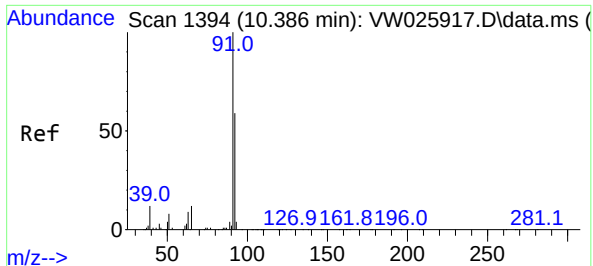
Ion Ratio Lower Upper

43 100

58 36.0 29.4 44.0

100 12.6 10.1 15.1

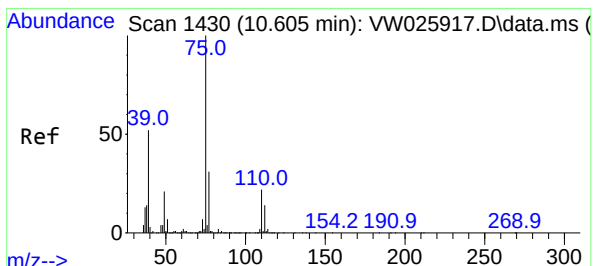
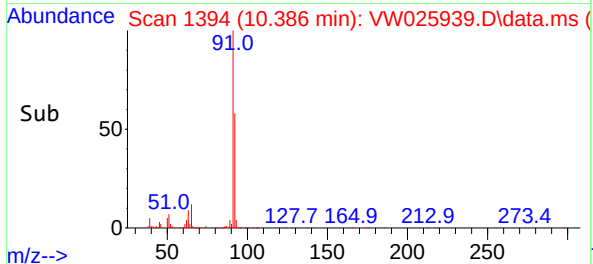
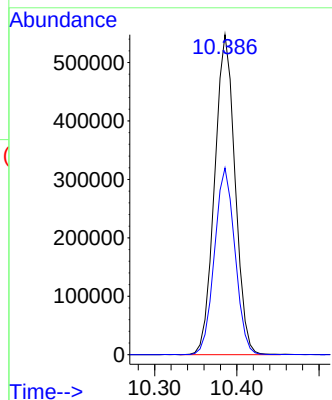
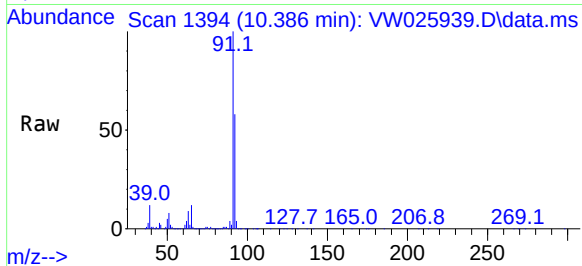




#42
Toluene
Concen: 25.965 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

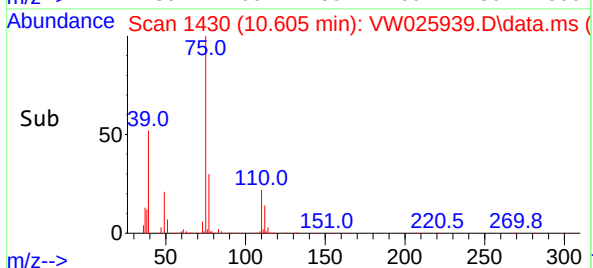
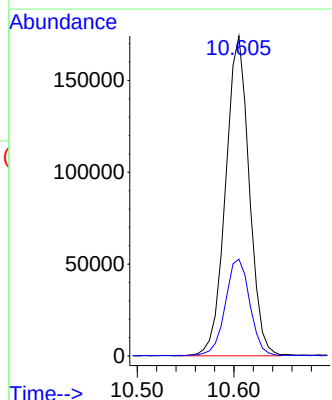
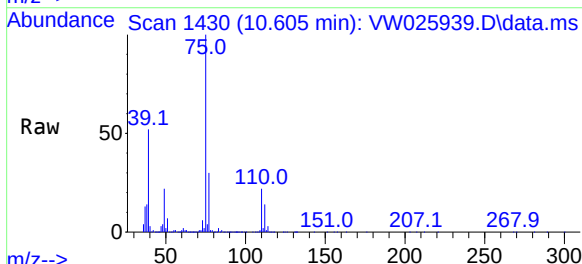
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

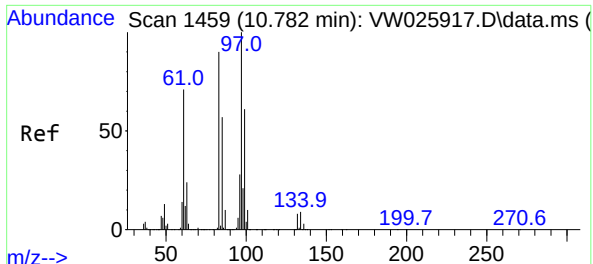
Tgt Ion: 91 Resp: 944935
Ion Ratio Lower Upper
91 100
92 58.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.831 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 75 Resp: 294437
Ion Ratio Lower Upper
75 100
77 30.3 21.8 40.4



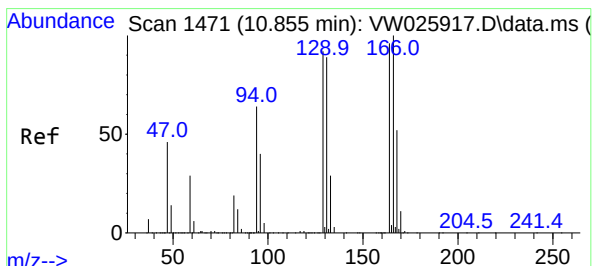
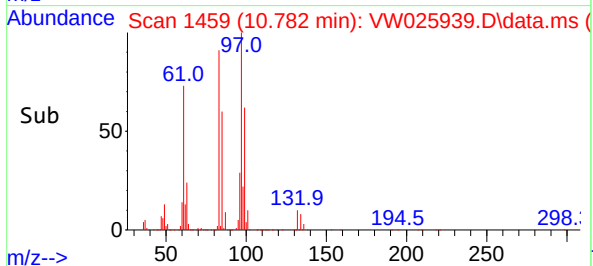
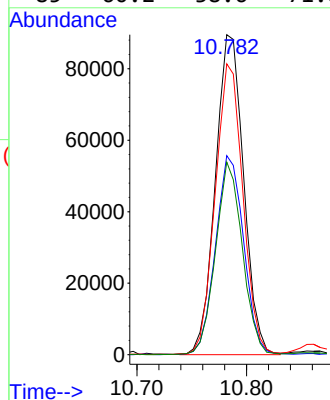
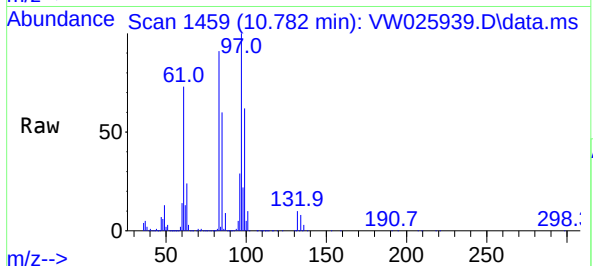


#45
1,1,2-Trichloroethane
Concen: 24.559 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Tgt Ion: 97 Resp: 160312

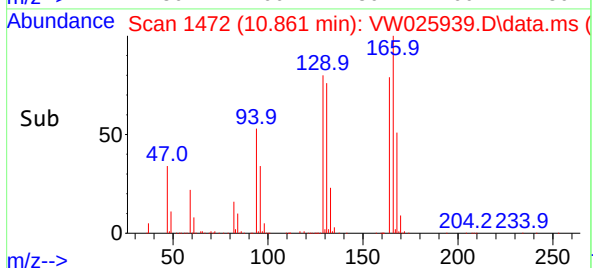
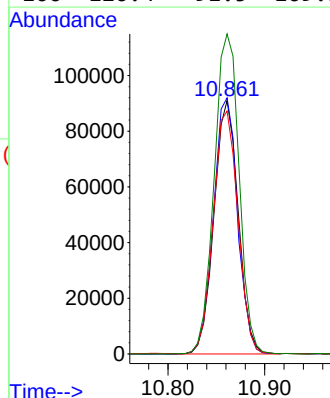
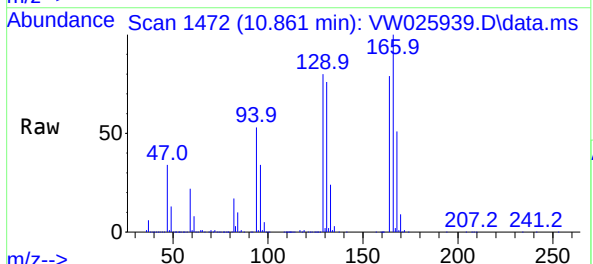
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.5	82.7
83	90.9	63.0	117.0
85	60.2	38.6	71.8

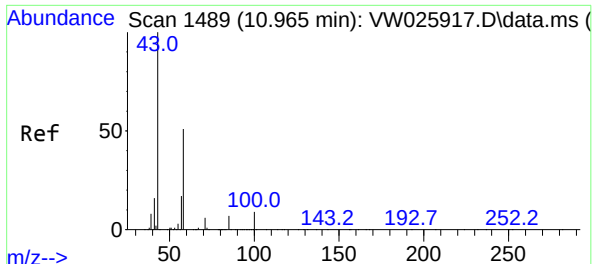


#46
Tetrachloroethene
Concen: 24.495 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 164 Resp: 157498

Ion	Ratio	Lower	Upper
164	100		
129	101.2	74.3	138.1
131	95.9	71.3	132.3
166	126.4	91.5	169.9



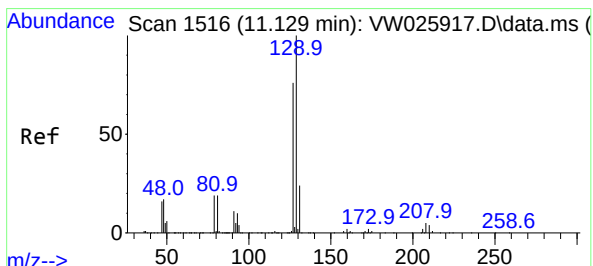
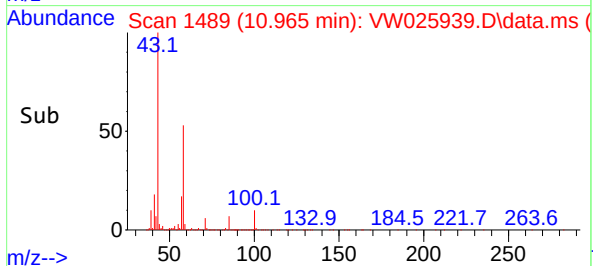
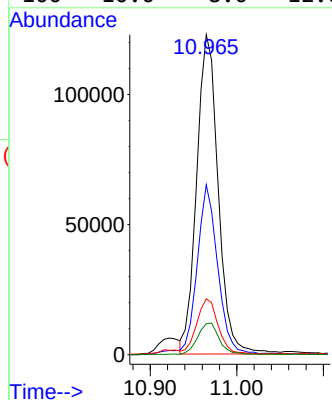
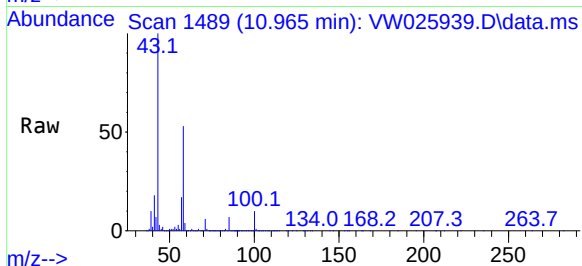


#48
2-Hexanone
Concen: 46.725 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Tgt Ion: 43 Resp: 212611

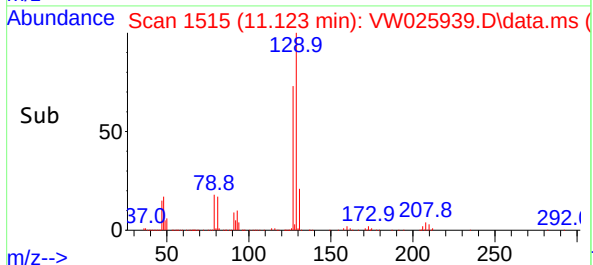
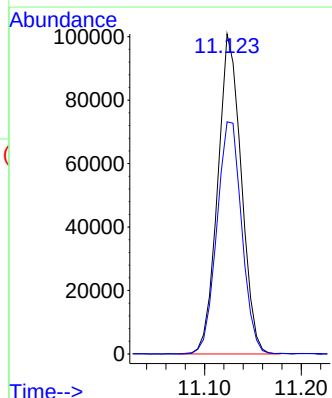
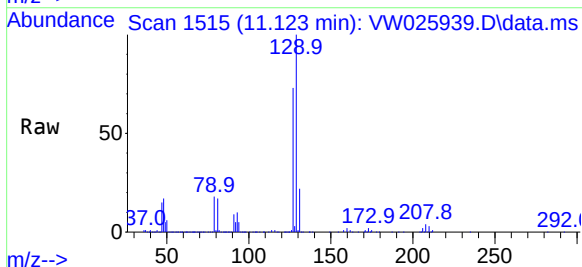
Ion	Ratio	Lower	Upper
43	100		
58	49.8	40.8	61.2
57	17.6	13.6	20.4
100	10.0	8.0	12.0

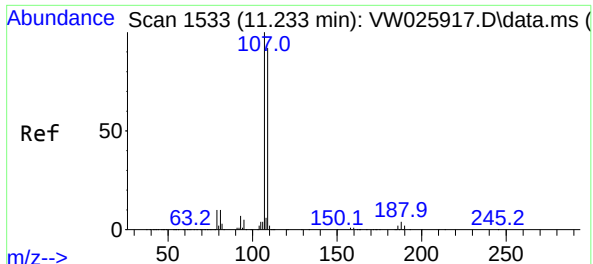


#49
Dibromochloromethane
Concen: 25.190 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 129 Resp: 170232

Ion	Ratio	Lower	Upper
129	100		
127	72.5	56.1	104.3

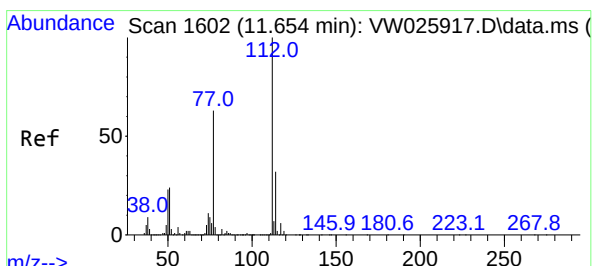
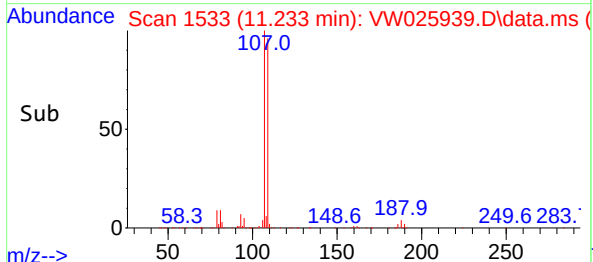
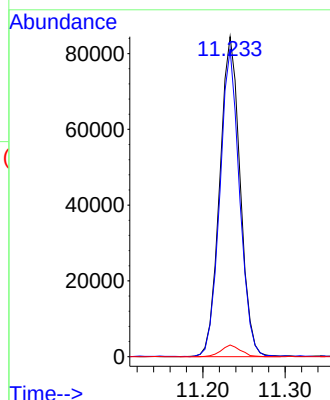
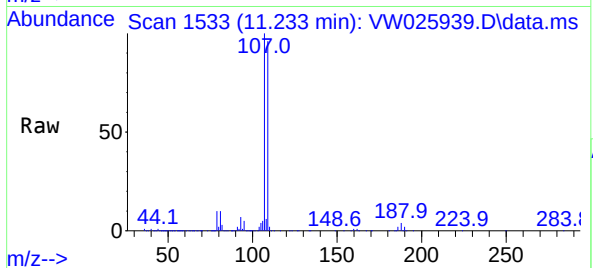




#50
1,2-Dibromoethane
Concen: 24.243 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

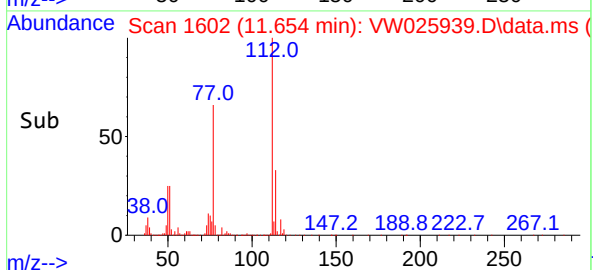
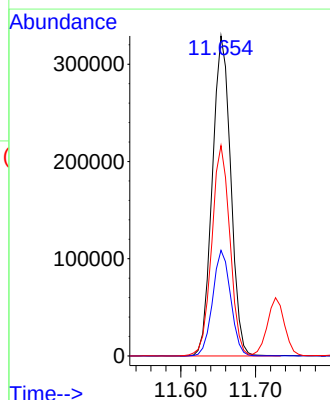
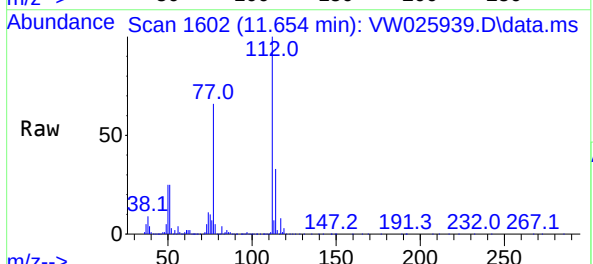
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

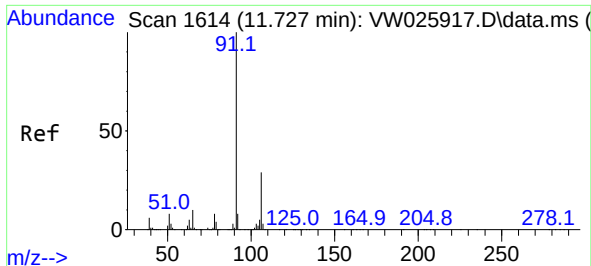
Tgt Ion:	107	Resp:	145888
Ion	Ratio	Lower	Upper
107	100		
109	96.1	67.5	125.4
188	3.6	2.6	4.0



#51
Chlorobenzene
Concen: 24.952 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion:	112	Resp:	562549
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.7	42.3
77	65.8	53.0	79.6

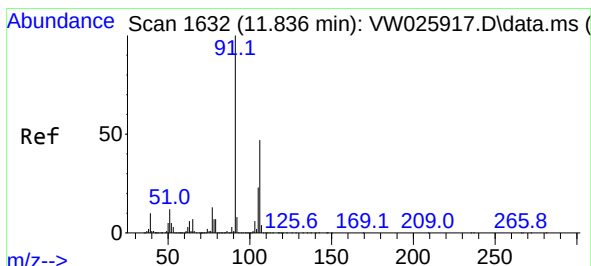
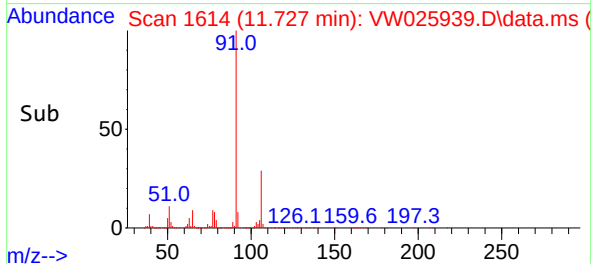
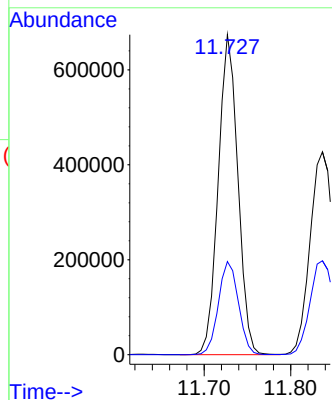
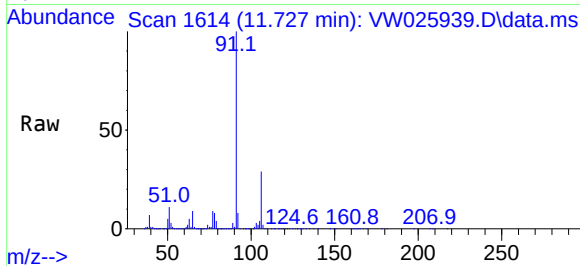




#52
Ethylbenzene
Concen: 25.928 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

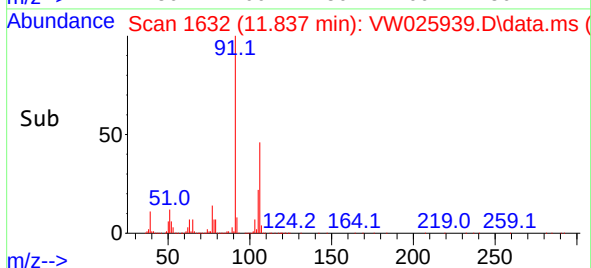
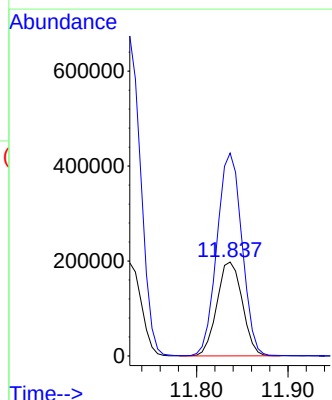
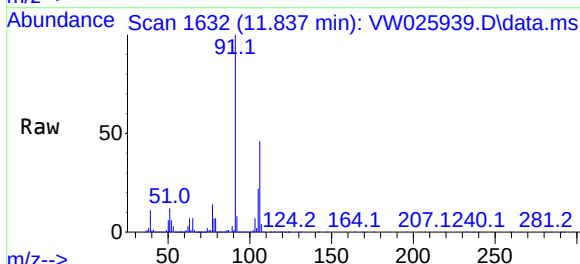
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

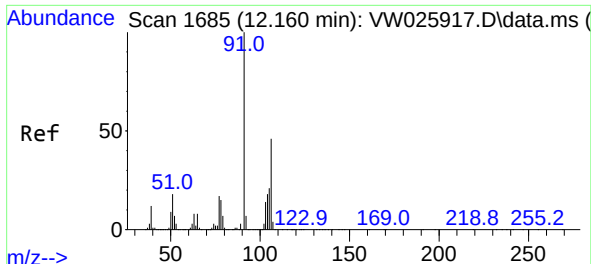
Tgt Ion: 91 Resp: 1061431
Ion Ratio Lower Upper
91 100
106 29.1 20.8 38.6



#53
m,p-Xylene
Concen: 25.281 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion:106 Resp: 380903
Ion Ratio Lower Upper
106 100
91 216.1 150.1 278.9

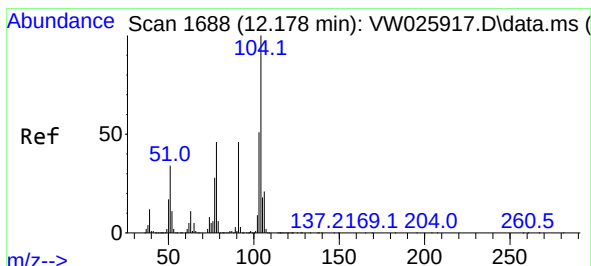
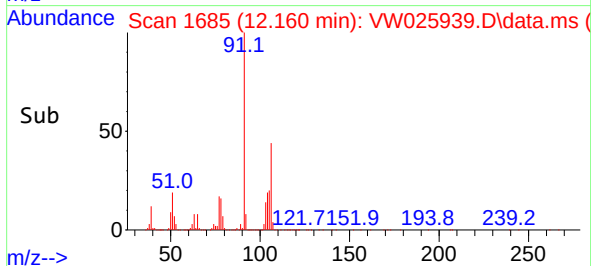
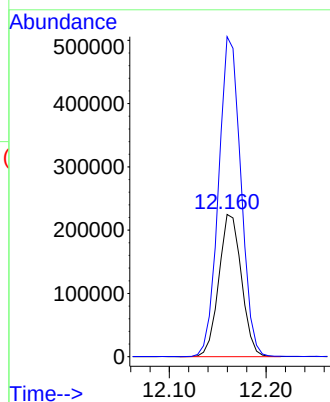
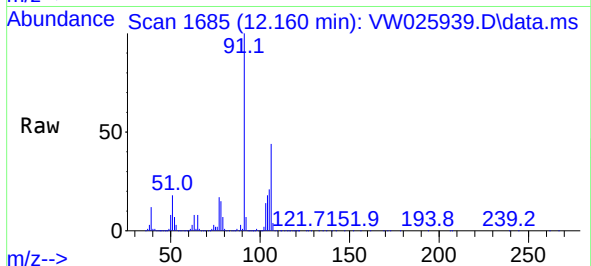




#54
o-Xylene
Concen: 25.681 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

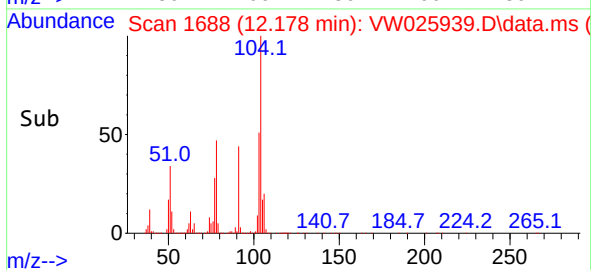
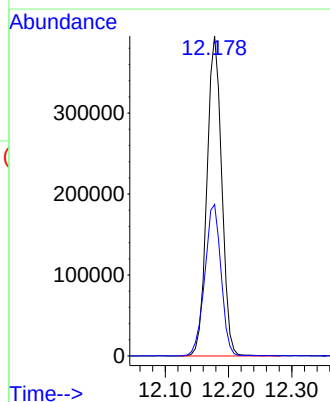
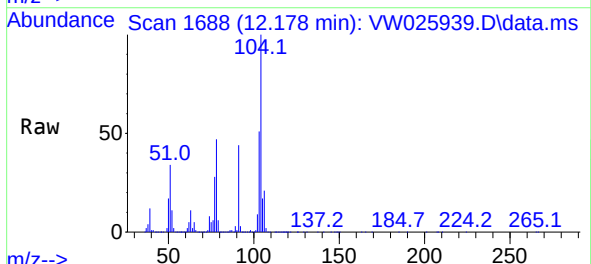
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

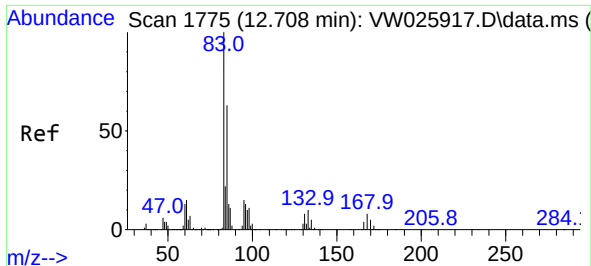
Tgt Ion:106 Resp: 364712
Ion Ratio Lower Upper
106 100
91 225.0 157.8 293.1



#55
Styrene
Concen: 26.493 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion:104 Resp: 643967
Ion Ratio Lower Upper
104 100
78 47.4 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.183 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

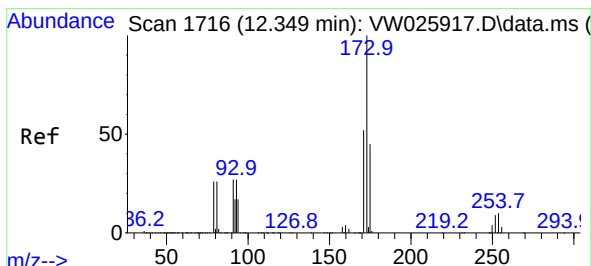
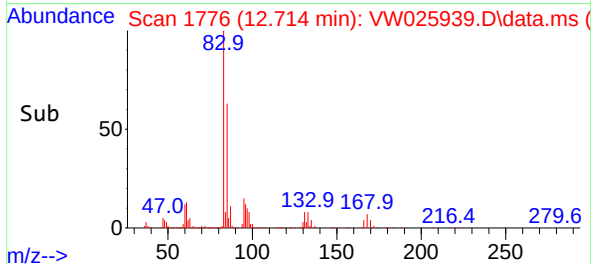
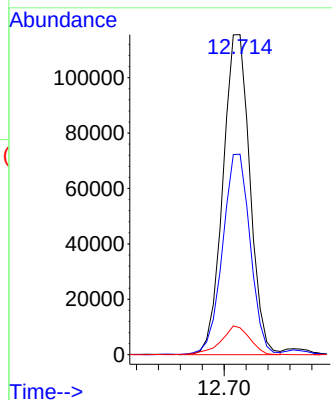
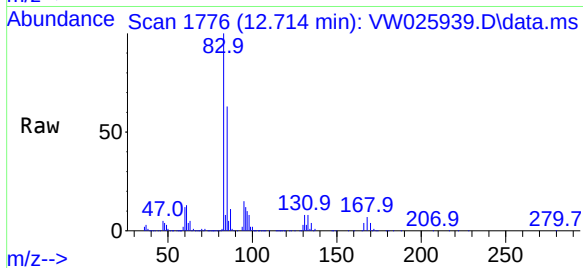
Tgt Ion: 83 Resp: 196970

Ion Ratio Lower Upper

83 100

85 62.6 45.6 84.8

131 8.4 8.1 12.1



#59

Bromoform

Concen: 24.342 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

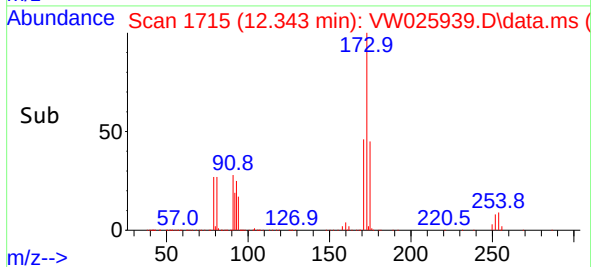
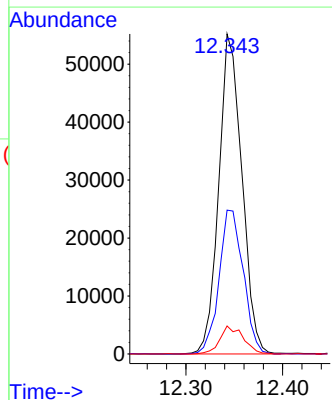
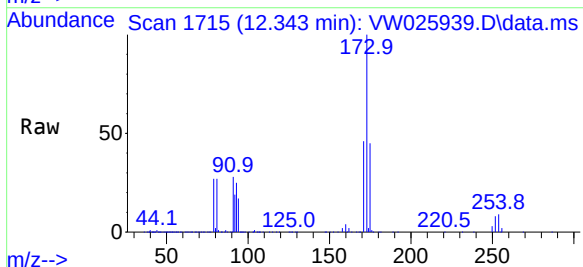
Tgt Ion:173 Resp: 91518

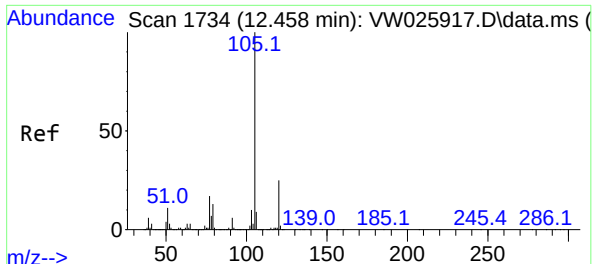
Ion Ratio Lower Upper

173 100

175 47.1 38.6 57.8

254 8.8 7.6 11.4

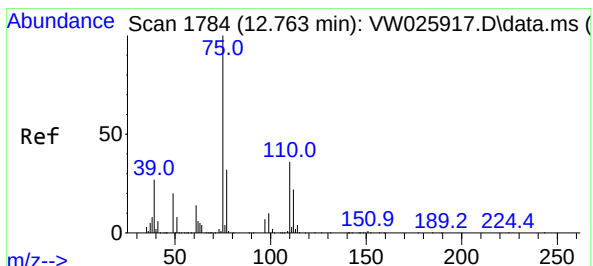
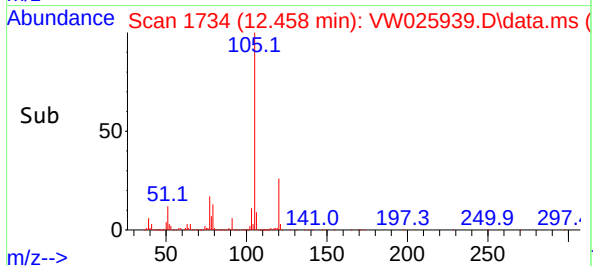
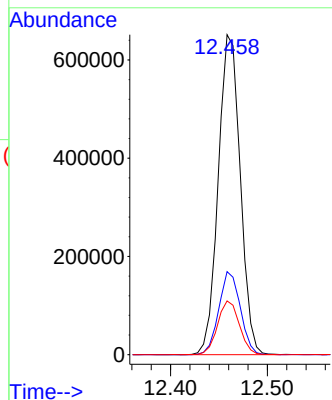
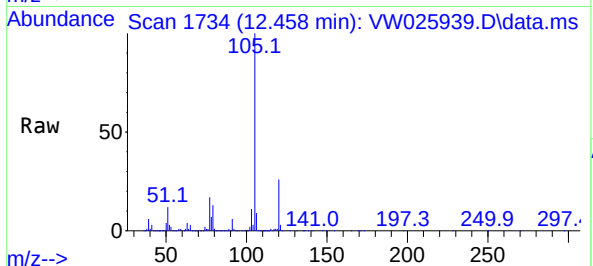




#60
Isopropylbenzene
Concen: 26.636 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

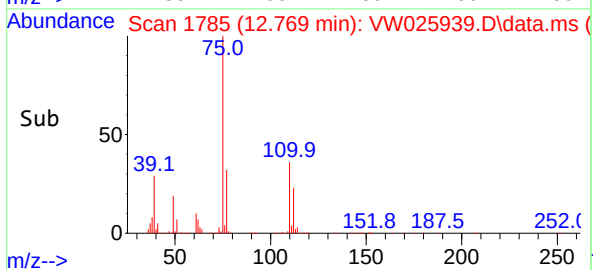
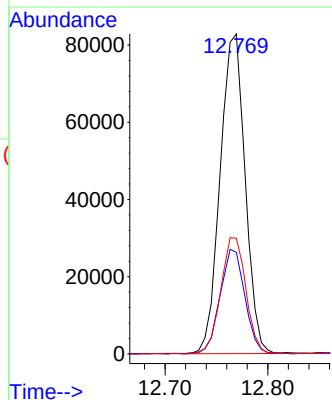
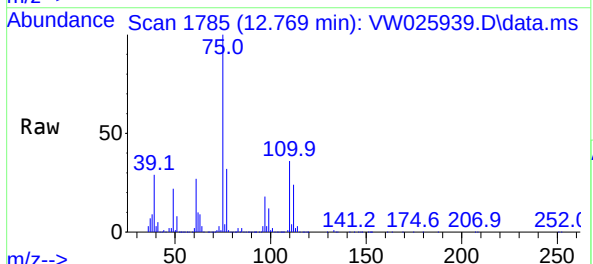
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

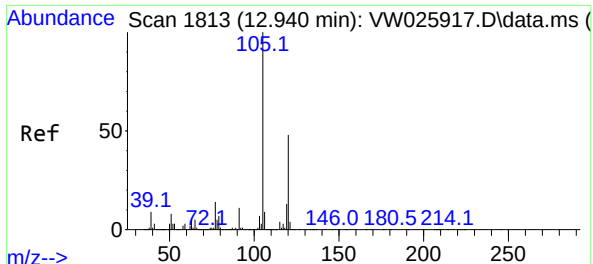
Tgt Ion:105 Resp: 1027688
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 23.323 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 75 Resp: 139906
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 36.7 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 26.465 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

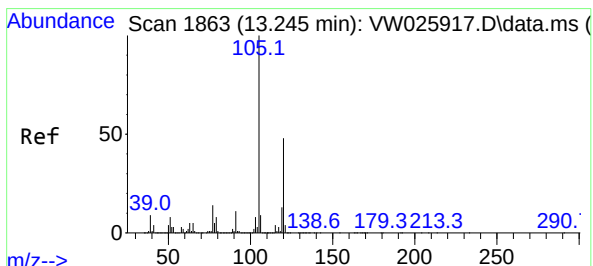
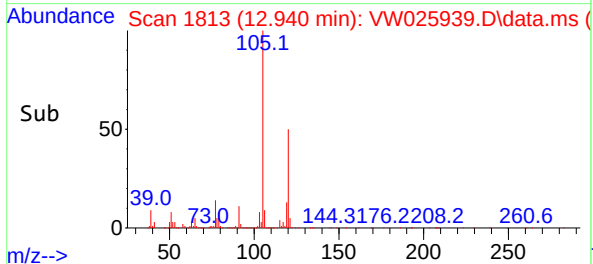
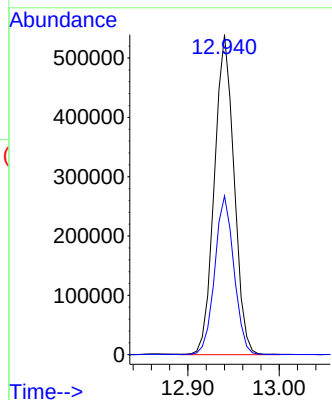
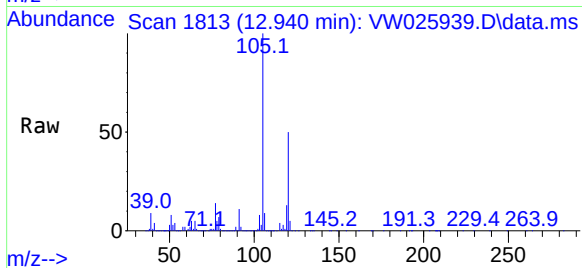
VSTD025484

Tgt Ion:105 Resp: 808746

Ion Ratio Lower Upper

105 100

120 48.3 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 26.331 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025939.D

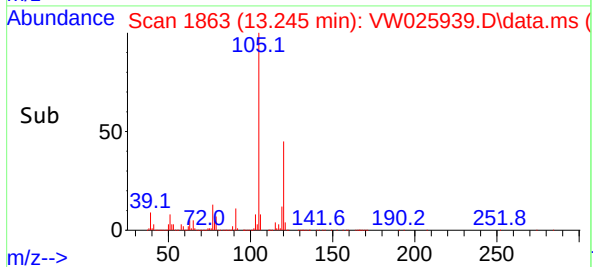
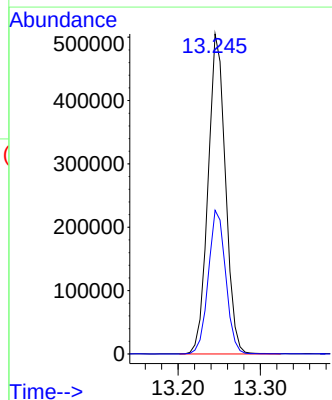
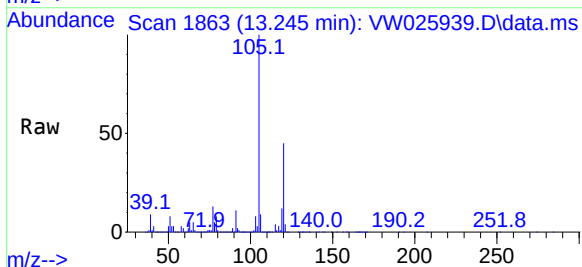
Acq: 10 May 2023 19:02

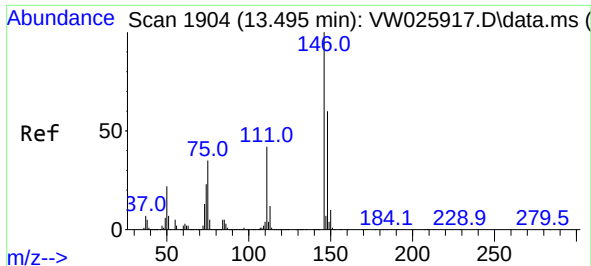
Tgt Ion:105 Resp: 742522

Ion Ratio Lower Upper

105 100

120 44.9 34.7 52.1



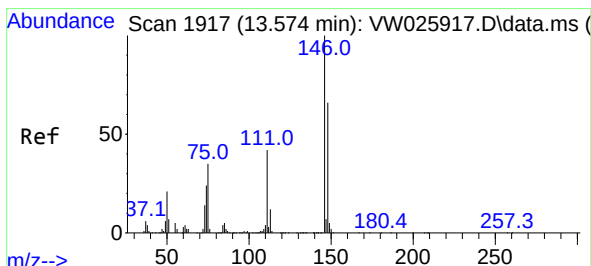
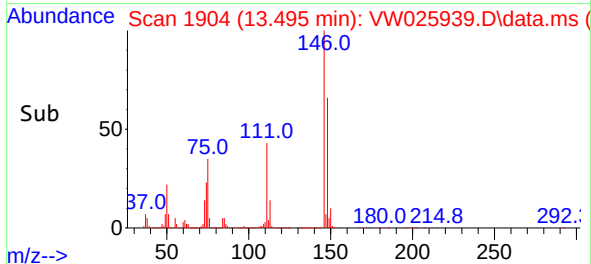
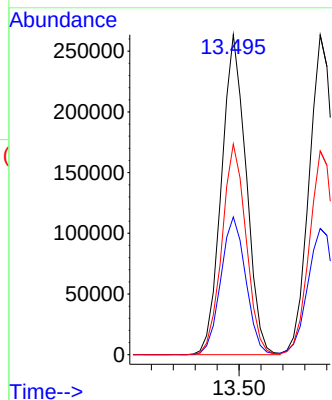
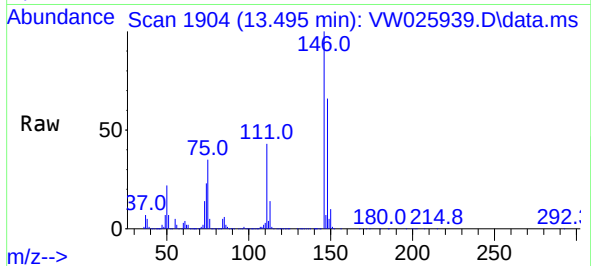


#64
1,3-Dichlorobenzene
Concen: 24.808 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Instrument : MSVOA_W
ClientSampleId : VSTD025484

Tgt Ion:146 Resp: 412032

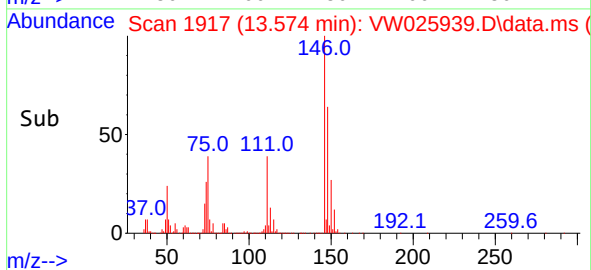
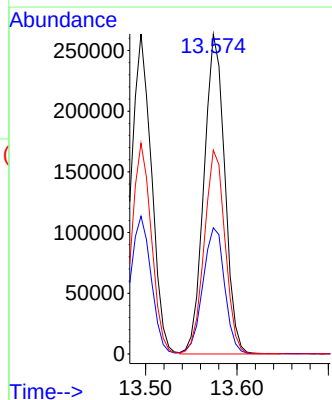
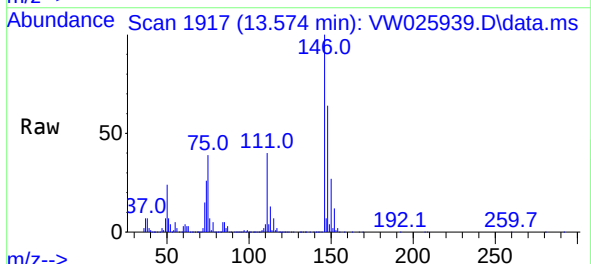
Ion	Ratio	Lower	Upper
146	100		
111	43.0	30.4	56.4
148	65.8	40.8	75.8

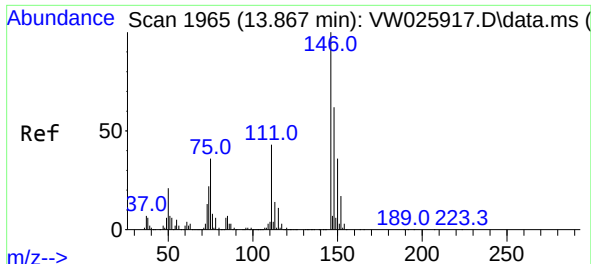


#65
1,4-Dichlorobenzene
Concen: 24.790 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion:146 Resp: 415982

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.9	51.9
148	63.8	44.7	82.9

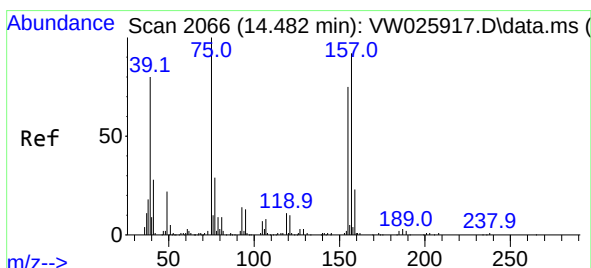
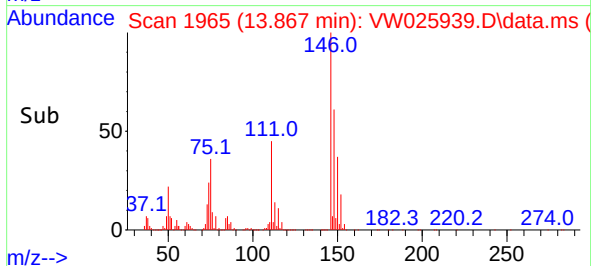
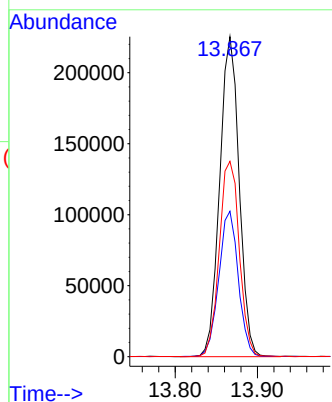
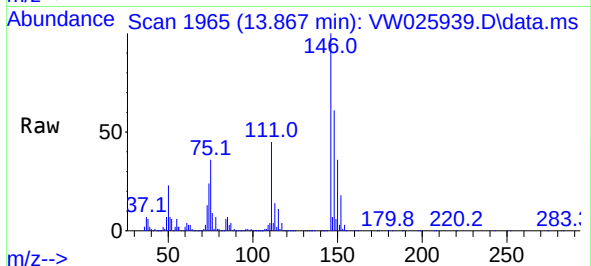




#67
1,2-Dichlorobenzene
Concen: 25.016 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

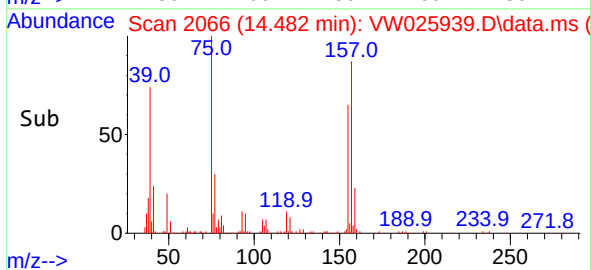
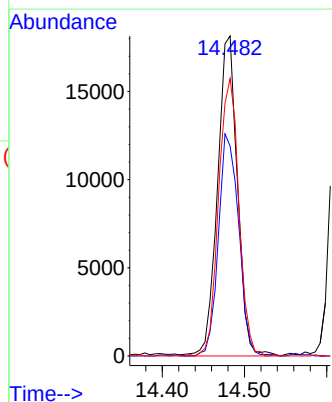
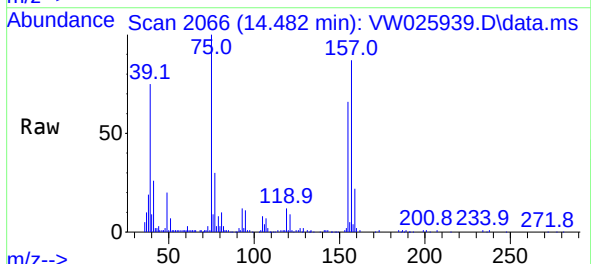
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

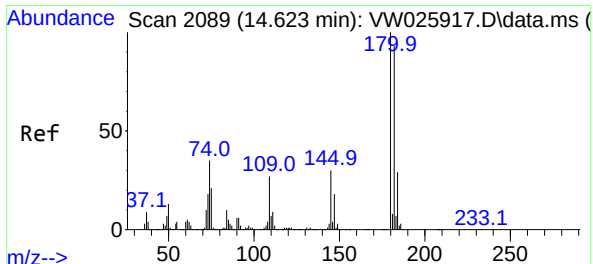
Tgt Ion:146 Resp: 370551
Ion Ratio Lower Upper
146 100
111 45.4 37.7 56.5
148 61.0 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.991 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion: 75 Resp: 30590
Ion Ratio Lower Upper
75 100
155 65.6 56.3 84.5
157 86.7 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.753 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

Tgt Ion:180 Resp: 272898

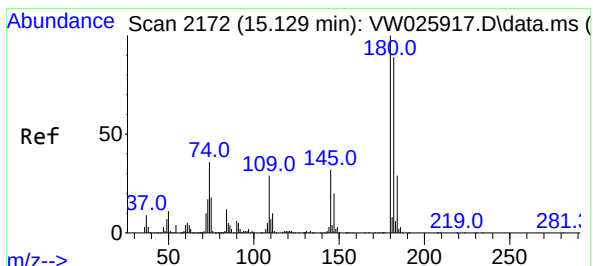
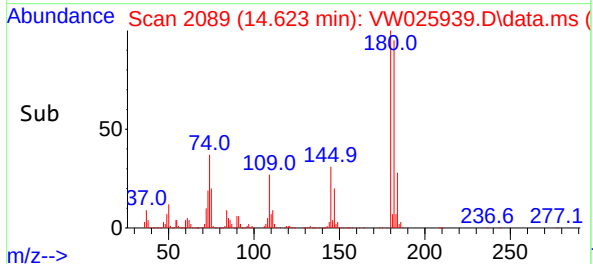
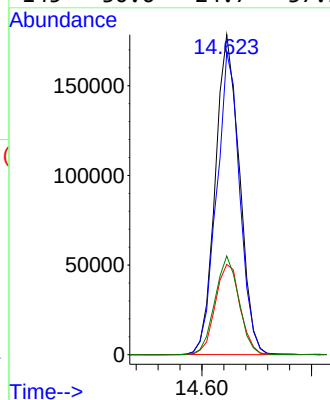
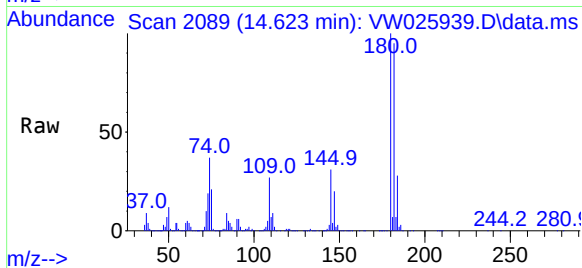
Ion Ratio Lower Upper

180 100

182 91.1 77.4 116.0

184 29.1 24.7 37.1

145 30.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.697 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025939.D

Acq: 10 May 2023 19:02

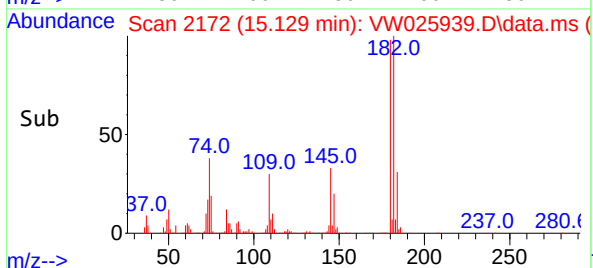
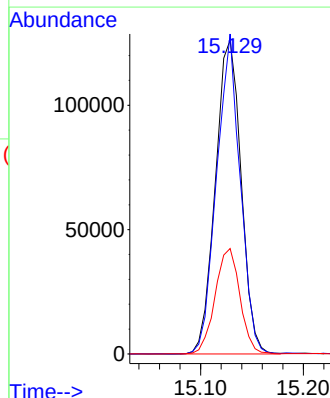
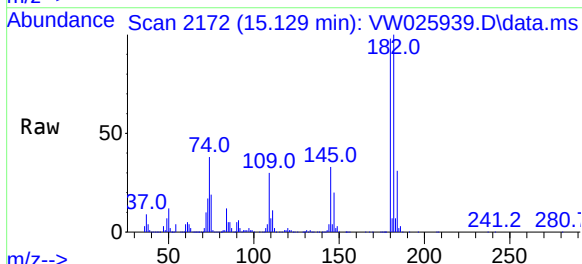
Tgt Ion:180 Resp: 218874

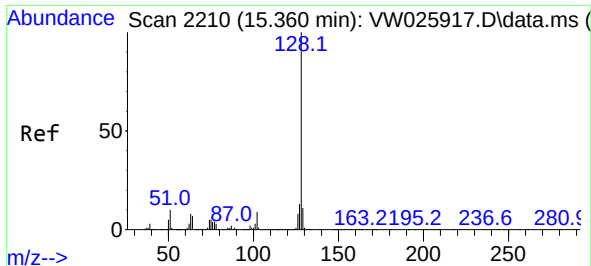
Ion Ratio Lower Upper

180 100

182 93.4 74.3 111.5

145 32.4 25.4 38.0



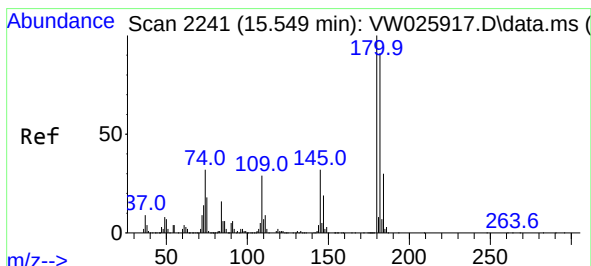
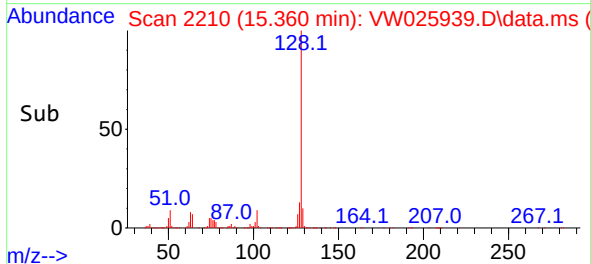
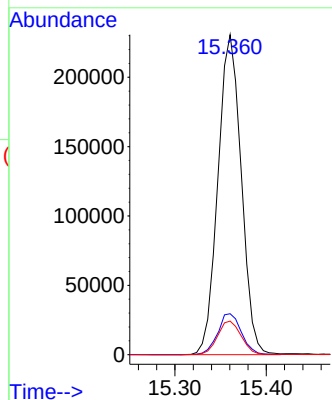
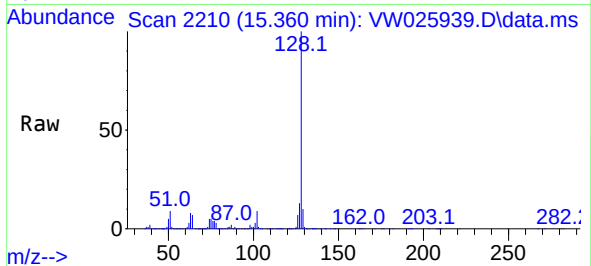


#71
Naphthalene
Concen: 23.490 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Tgt Ion:128 Resp: 409494

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.423 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW025939.D
Acq: 10 May 2023 19:02

Tgt Ion:180 Resp: 191962

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.1	114.1
145	34.0	28.0	42.0

