

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025958.D
 Acq On : 11 May 2023 16:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: May 12 05:39:09 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	577113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	518652	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	179528	21.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.800%
7) Chloroethane-d5	2.899	69	108314	17.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
11) 1,1-Dichloroethene-d2	4.027	65	88225	21.544	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.081	46	137864	50.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.980%
24) Chloroform-d	7.648	84	406111	24.404	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.300	65	225398	23.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	8.276	84	801091	23.638	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.276	67	259953	23.974	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.880%
41) Toluene-d8	10.318	98	692295	22.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	10.574	79	99087	22.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.922	63	101742	55.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214768	25.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	215320	22.632	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	149119	23.128	ug/L	96
3) Chloromethane	2.222	50	249504	26.245	ug/L	95
5) Vinyl chloride	2.375	62	238767	24.265	ug/L	99
6) Bromomethane	2.789	94	123566	23.088	ug/L	97
8) Chloroethane	2.930	64	109404	19.553	ug/L	99
9) Trichlorofluoromethane	3.265	101	143071	19.266	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	198476	24.576	ug/L	97
12) 1,1-Dichloroethene	4.045	96	183468	23.770	ug/L	95
13) Acetone	4.137	43	97177	40.537	ug/L	98
14) Carbon disulfide	4.393	76	601110	23.030	ug/L	99
15) Methyl Acetate	4.673	43	124359	26.324	ug/L	100
16) Methylene chloride	4.923	84	231490	19.450	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	207941	24.696	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	330709	25.878	ug/L	100
19) 1,1-Dichloroethane	6.215	63	446137	25.789	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229223	25.375	ug/L	98
22) 2-Butanone	7.173	43	156403	47.249	ug/L	98
23) Bromochloromethane	7.514	128	98388	25.709	ug/L	97
25) Chloroform	7.673	83	414353	26.060	ug/L	99

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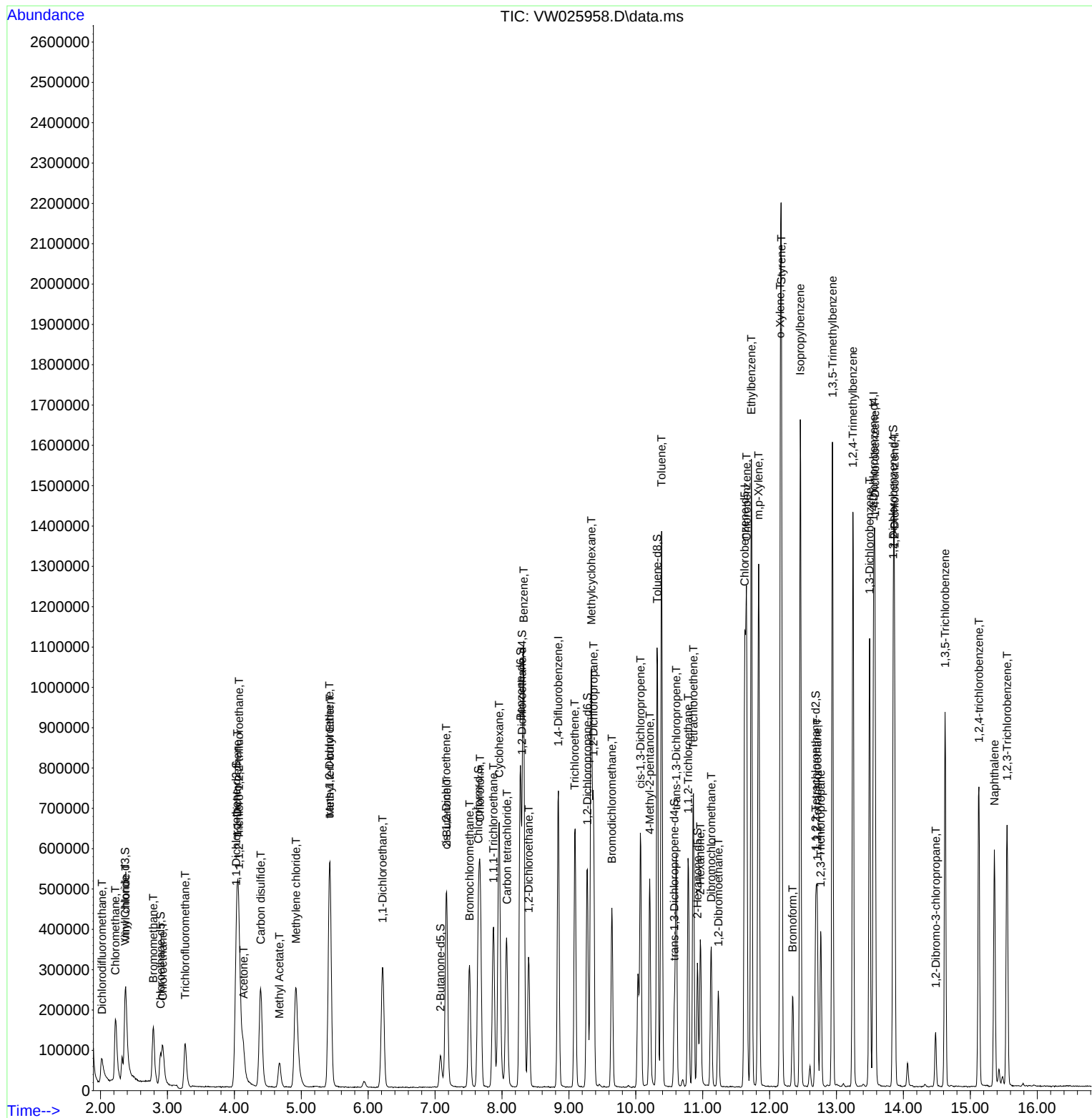
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	294186	26.053	ug/L	100
29) Cyclohexane	7.959	56	392818	24.440	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	318103	25.079	ug/L	99
31) Carbon tetrachloride	8.075	117	283297	24.818	ug/L	98
33) Benzene	8.325	78	918399	25.594	ug/L	100
34) Trichloroethene	9.087	95	229121	24.883	ug/L	95
35) Methylcyclohexane	9.337	83	396252	24.196	ug/L	99
37) 1,2-Dichloropropane	9.367	63	255644	26.004	ug/L	99
38) Bromodichloromethane	9.642	83	289446	25.663	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	359784	24.955	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	357879	55.926	ug/L	99
42) Toluene	10.385	91	949554	25.898	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	304869	25.521	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	170898	25.987	ug/L	97
46) Tetrachloroethene	10.861	164	153721	23.730	ug/L	96
48) 2-Hexanone	10.965	43	246549	53.782	ug/L	99
49) Dibromochloromethane	11.129	129	172017	25.266	ug/L	98
50) 1,2-Dibromoethane	11.233	107	156951	25.889	ug/L	98
51) Chlorobenzene	11.654	112	570825	25.132	ug/L	99
52) Ethylbenzene	11.727	91	1059237	25.683	ug/L	97
53) m,p-Xylene	11.836	106	388156	25.571	ug/L	95
54) o-Xylene	12.160	106	366558	25.620	ug/L	99
55) Styrene	12.178	104	642558	26.239	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	216951	26.439	ug/L	99
59) Bromoform	12.342	173	97738	25.284	ug/L #	97
60) Isopropylbenzene	12.458	105	1003012	25.284	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	160823	26.074	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	815709	25.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	734387	25.328	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	412921	24.179	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	414537	24.027	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	376224	24.703	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	35139	24.568	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	257492	22.715	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	217421	22.894	ug/L	97
71) Naphthalene	15.360	128	468419	26.133	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	200634	23.810	ug/L	99

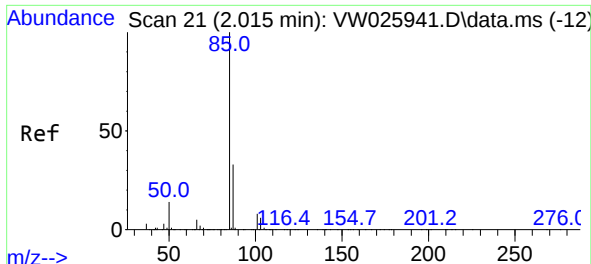
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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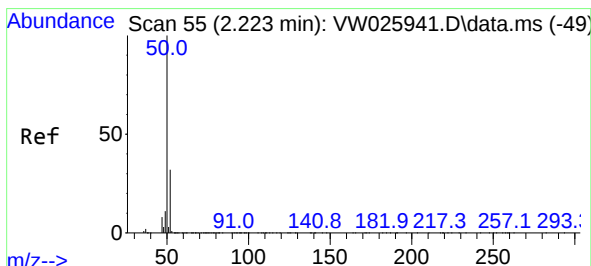
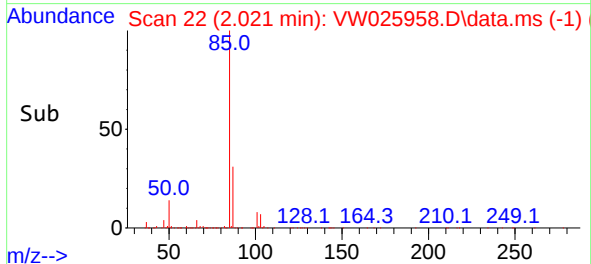
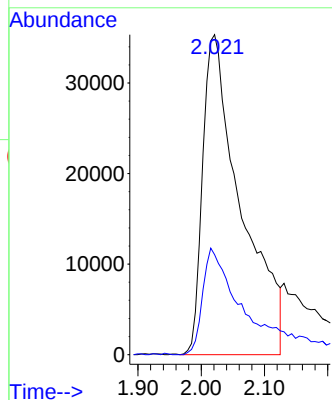
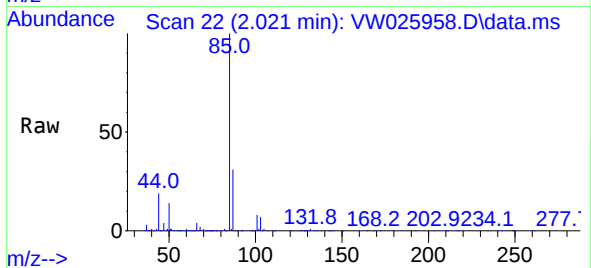




#2
Dichlorodifluoromethane
Concen: 23.128 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

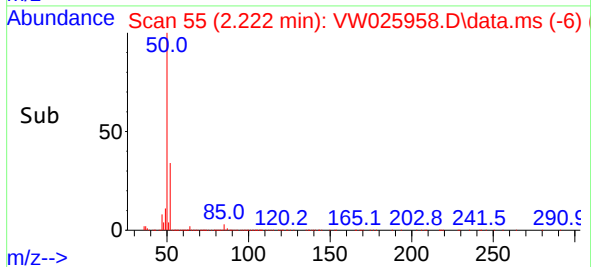
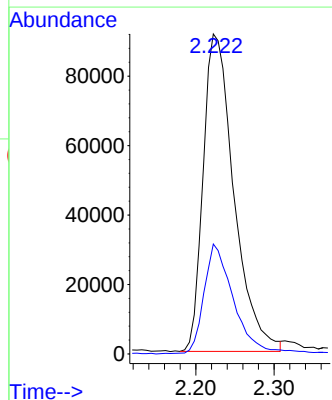
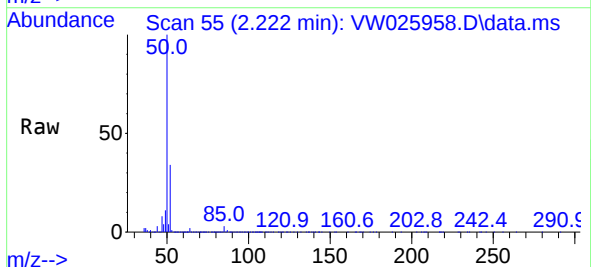
Instrument :
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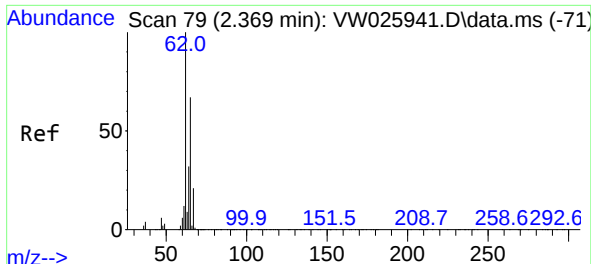
Tgt Ion: 85 Resp: 149119
Ion Ratio Lower Upper
85 100
87 28.7 24.7 37.1



#3
Chloromethane
Concen: 26.245 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 50 Resp: 249504
Ion Ratio Lower Upper
50 100
52 34.4 22.1 41.1

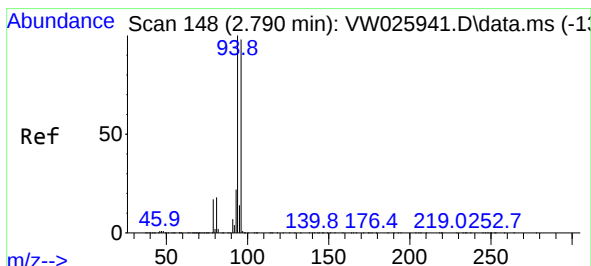
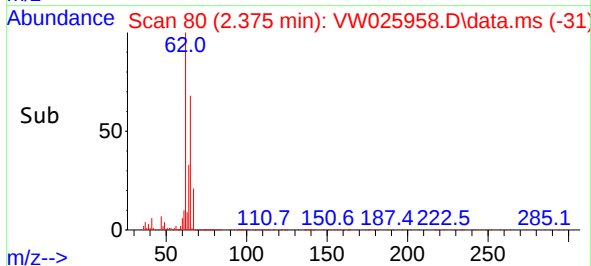
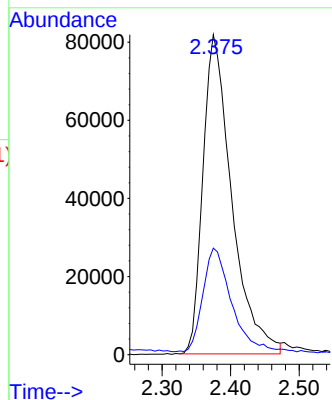
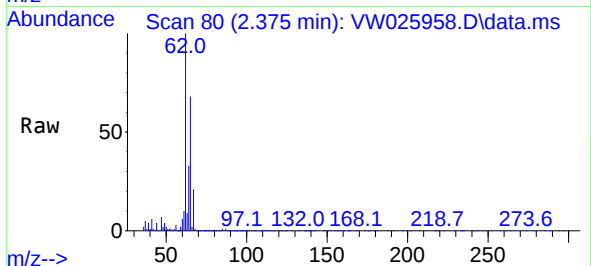




#5
 Vinyl chloride
 Concen: 24.265 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025958.D
 Acq: 11 May 2023 16:11

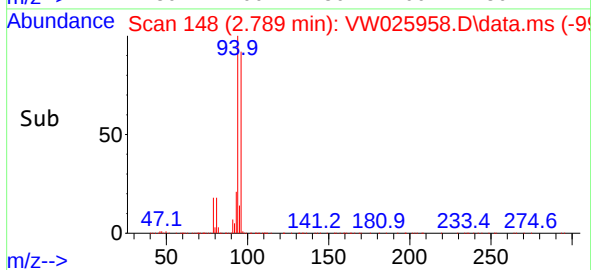
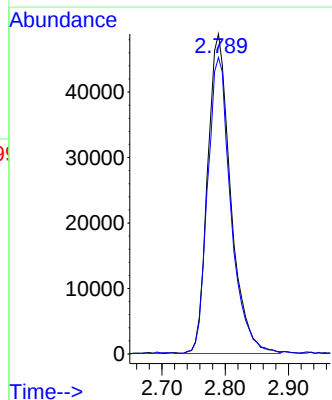
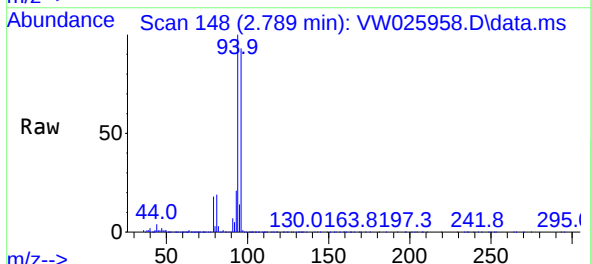
Instrument :
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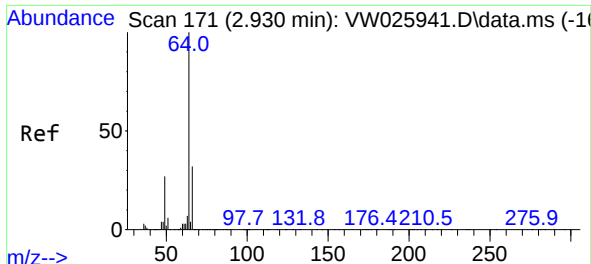
Tgt Ion: 62 Resp: 238767
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.3



#6
 Bromomethane
 Concen: 23.088 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025958.D
 Acq: 11 May 2023 16:11

Tgt Ion: 94 Resp: 123566
 Ion Ratio Lower Upper
 94 100
 96 92.7 63.1 117.1

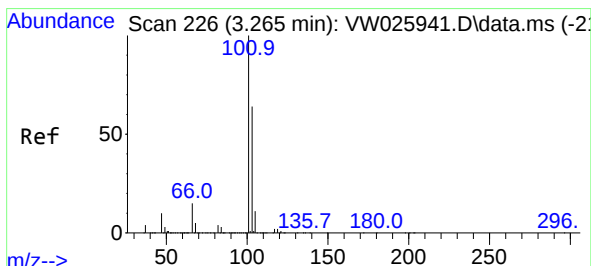
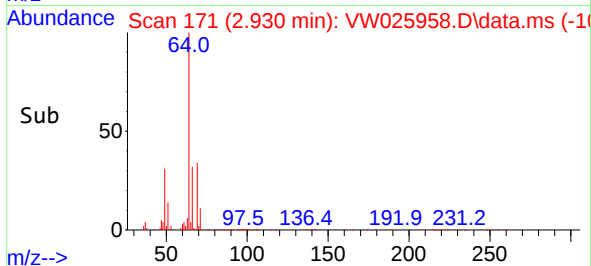
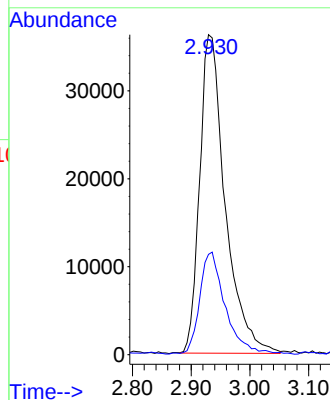
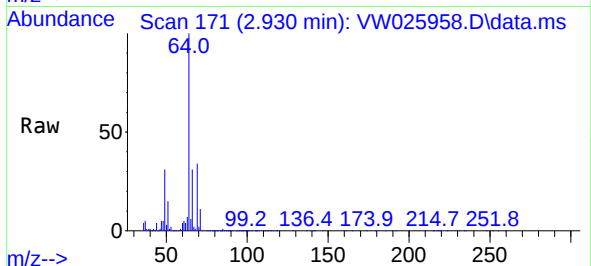




#8
Chloroethane
Concen: 19.553 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

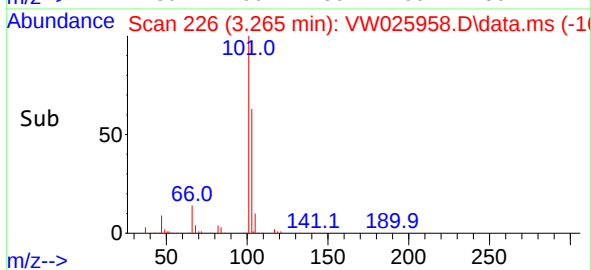
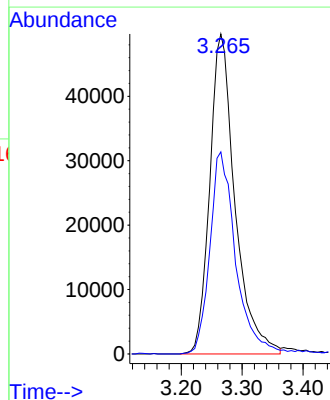
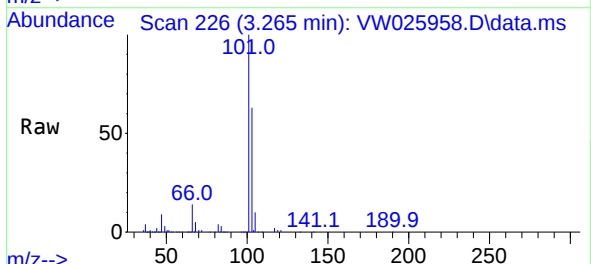
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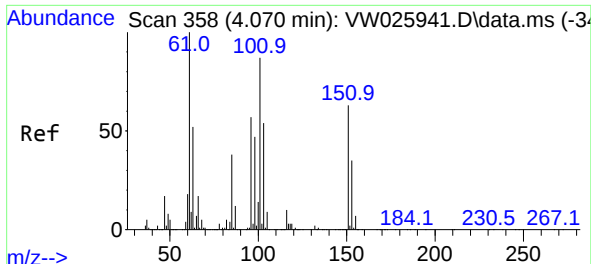
Tgt Ion: 64 Resp: 109404
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.266 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion:101 Resp: 143071
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

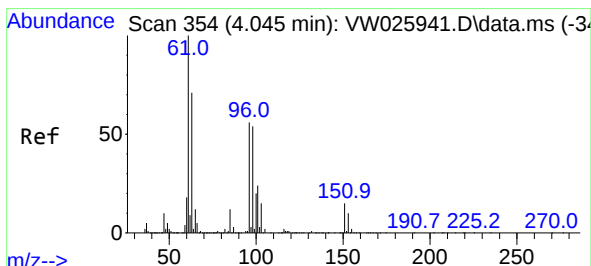
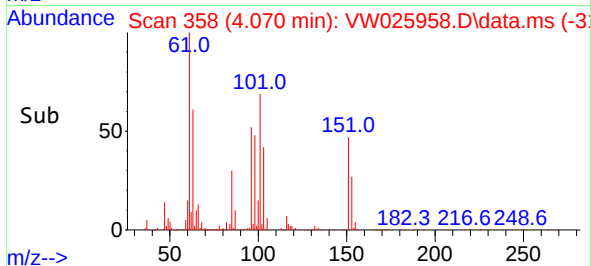
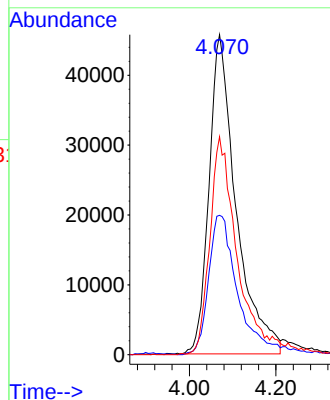
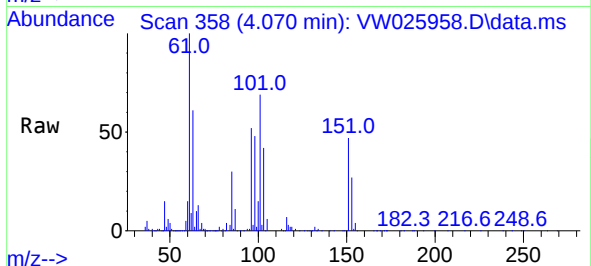




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.576 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

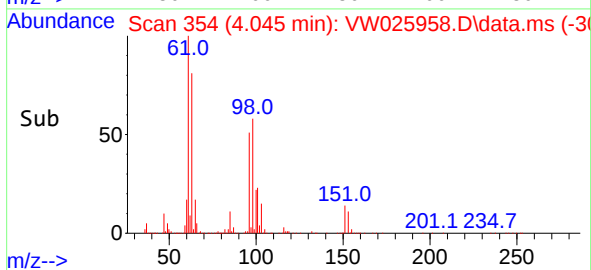
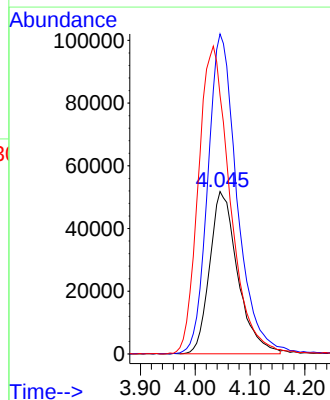
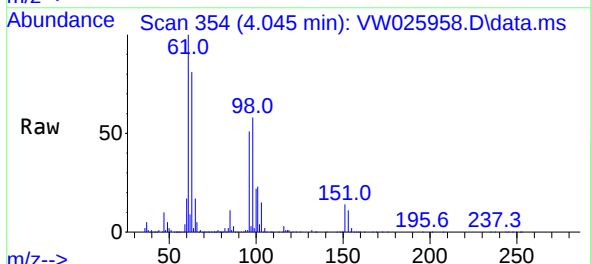
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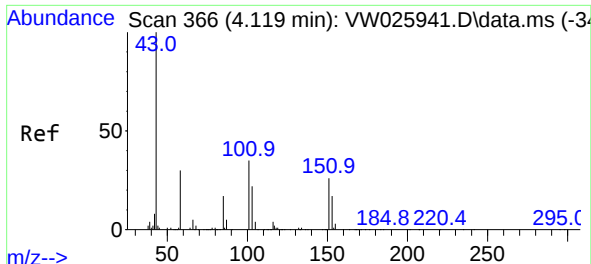
Tgt Ion:101 Resp: 198476
Ion Ratio Lower Upper
101 100
85 46.2 33.9 50.9
151 66.3 54.2 81.2



#12
1,1-Dichloroethene
Concen: 23.770 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 96 Resp: 183468
Ion Ratio Lower Upper
96 100
61 197.0 135.0 250.8
63 159.2 104.9 194.7

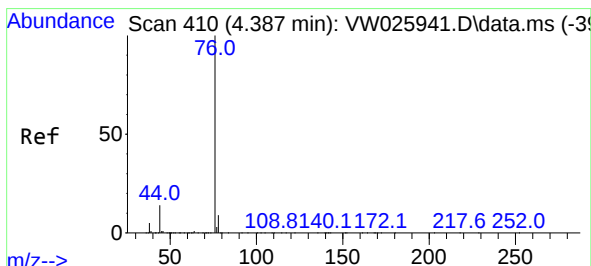
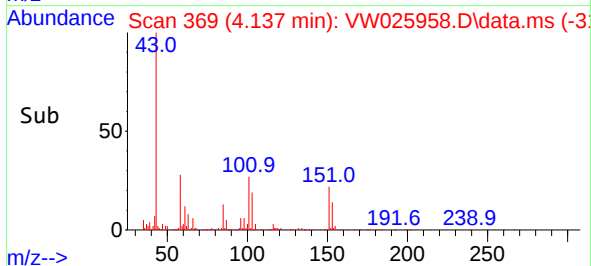
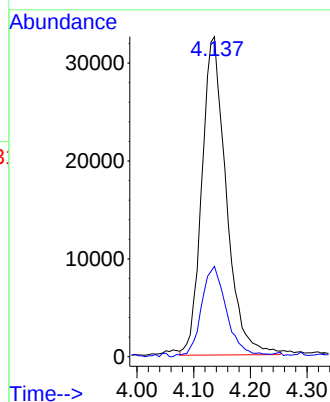
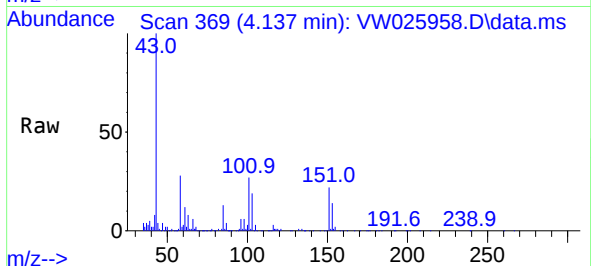




#13
Acetone
Concen: 40.537 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
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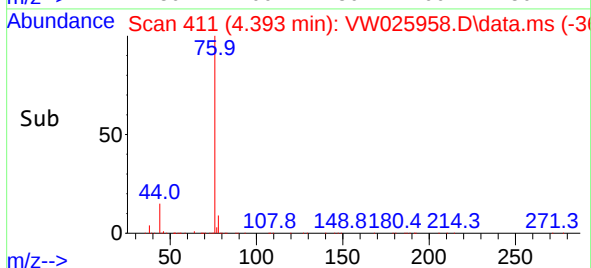
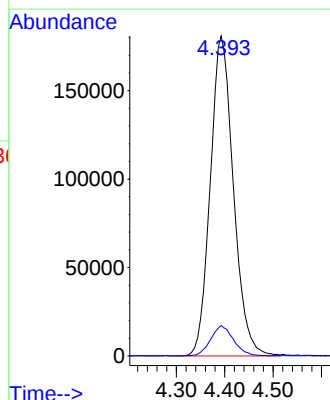
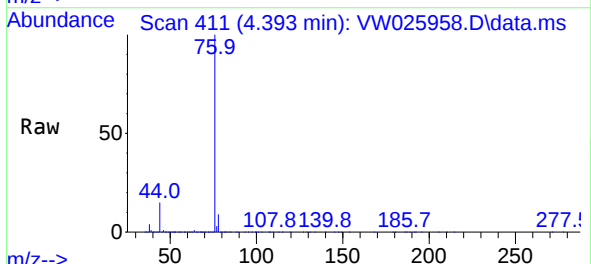
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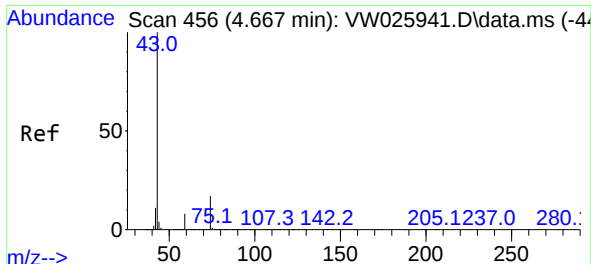
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Ion Ratio Lower Upper
43 100
58 28.2 0.0 58.2



#14
Carbon disulfide
Concen: 23.030 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 76 Resp: 601110
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

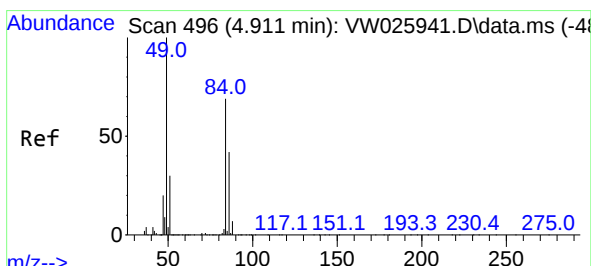
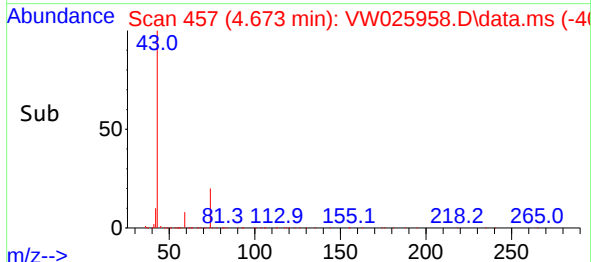
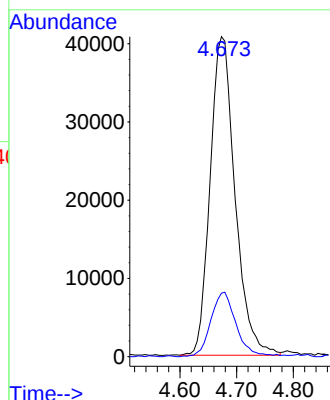
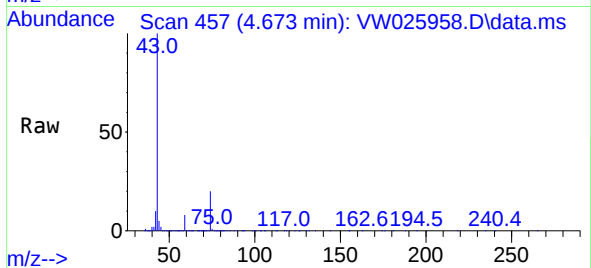




#15
Methyl Acetate
Concen: 26.324 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

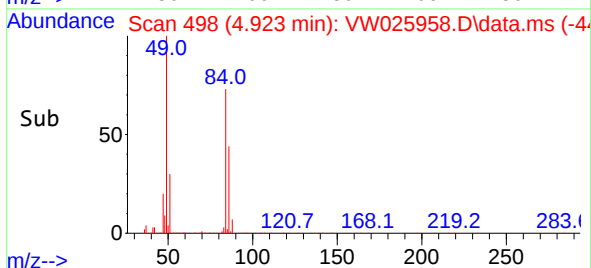
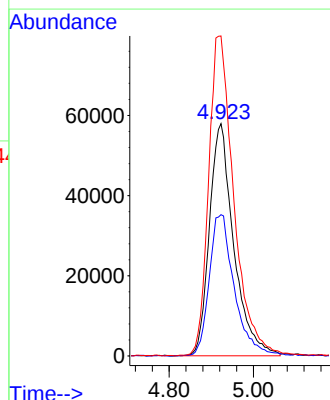
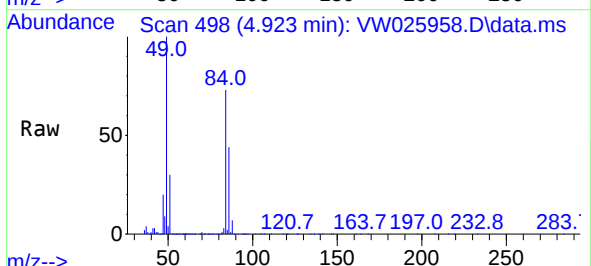
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

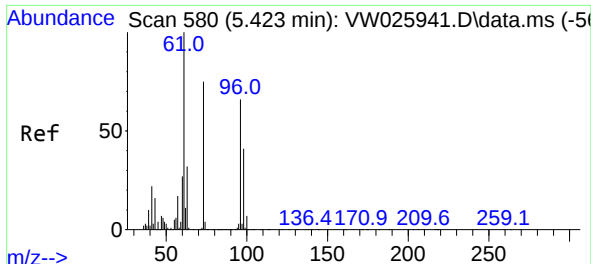
Tgt Ion: 43 Resp: 124359
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7



#16
Methylene chloride
Concen: 19.450 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 84 Resp: 231490
Ion Ratio Lower Upper
84 100
86 60.8 41.7 77.5
49 137.7 95.3 177.1

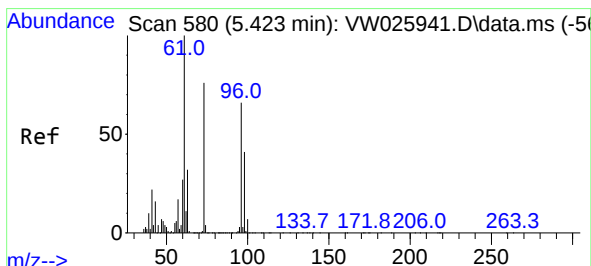
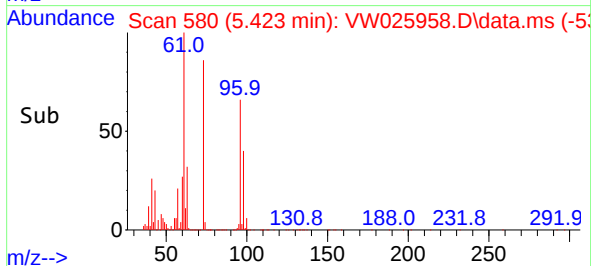
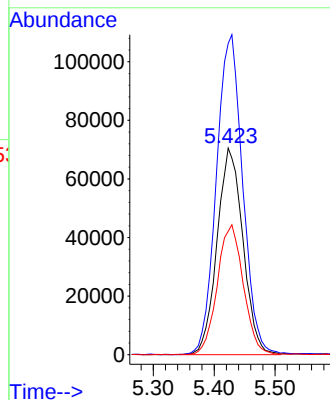
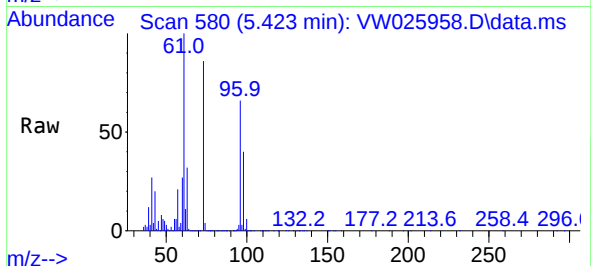




#17
trans-1,2-Dichloroethene
Concen: 24.696 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

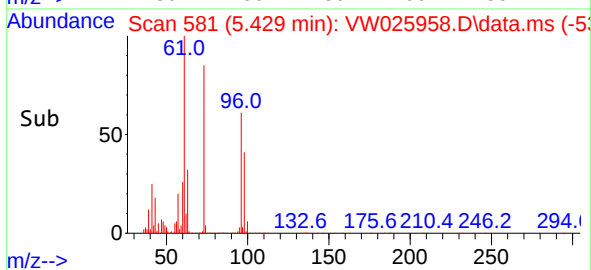
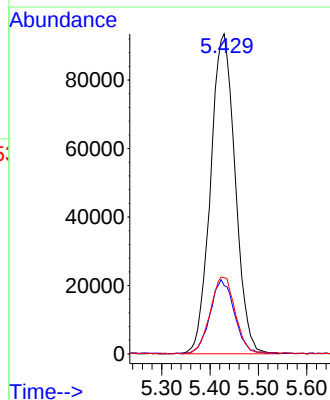
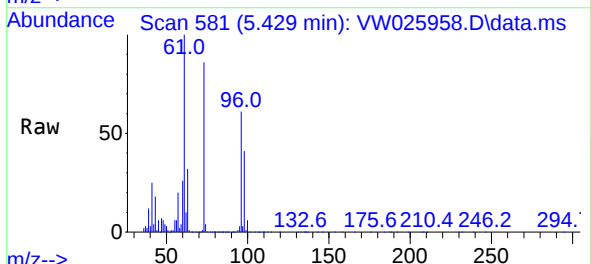
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

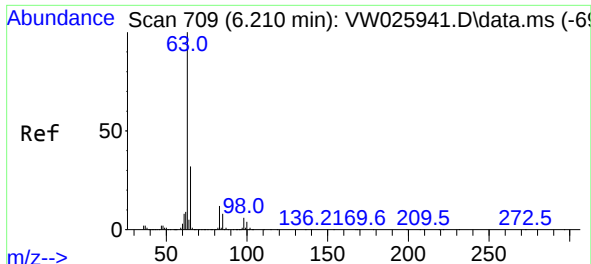
Tgt Ion: 96 Resp: 207941
Ion Ratio Lower Upper
96 100
61 150.6 108.1 200.9
98 59.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.878 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 73 Resp: 330709
Ion Ratio Lower Upper
73 100
43 22.6 18.2 27.4
57 24.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.789 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

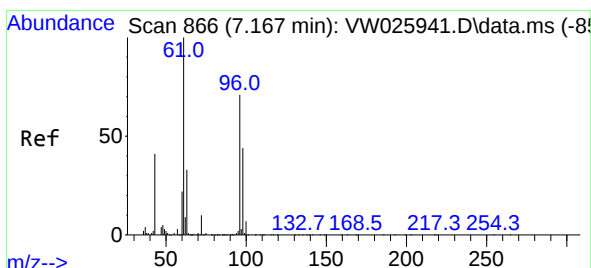
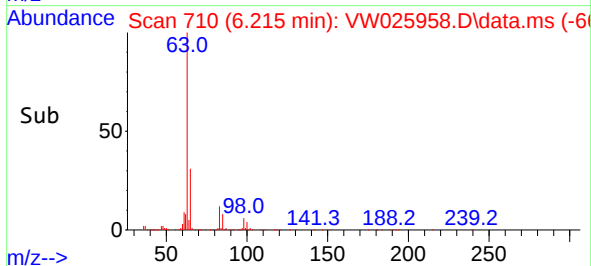
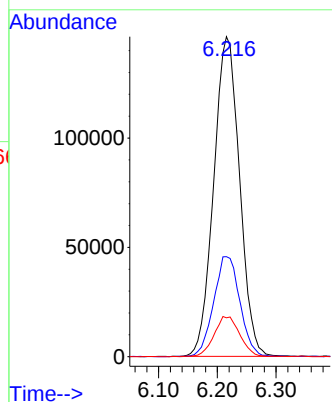
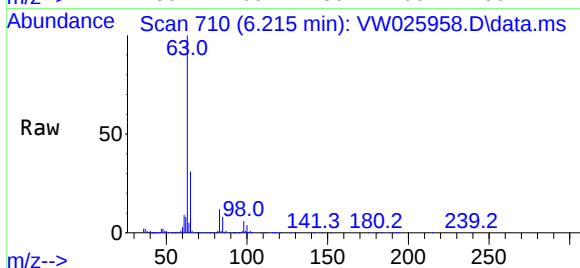
Tgt Ion: 63 Resp: 446137

Ion Ratio Lower Upper

63 100

65 31.3 22.4 41.6

83 12.2 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.375 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

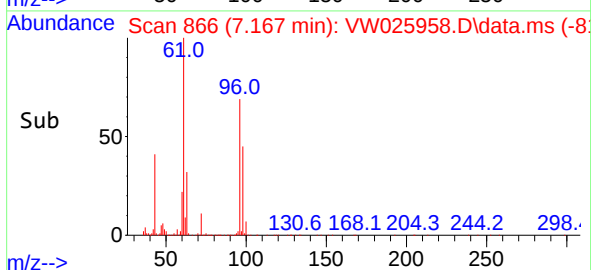
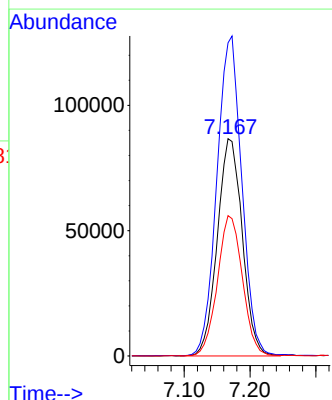
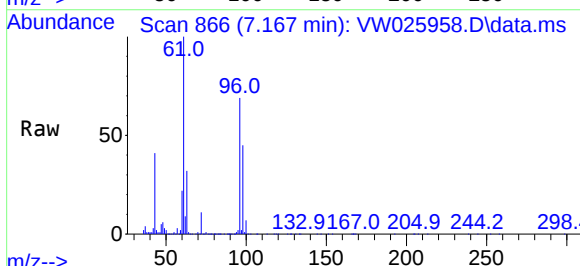
Tgt Ion: 96 Resp: 229223

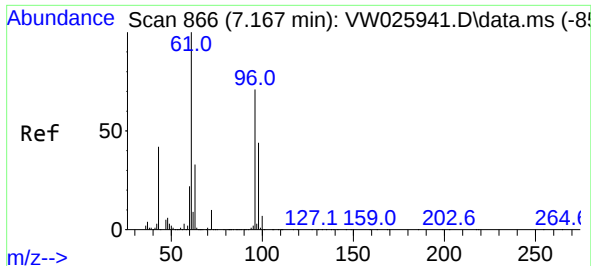
Ion Ratio Lower Upper

96 100

61 144.1 98.6 183.0

98 64.6 45.2 84.0

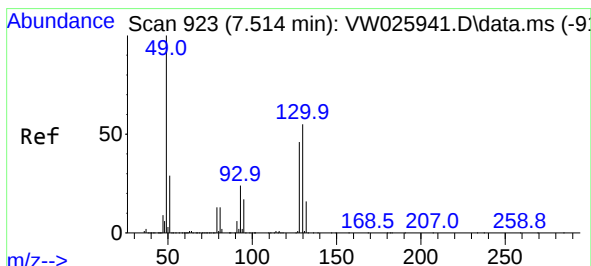
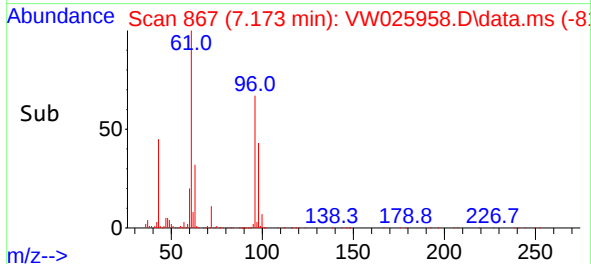
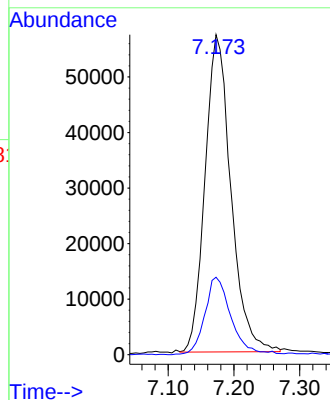
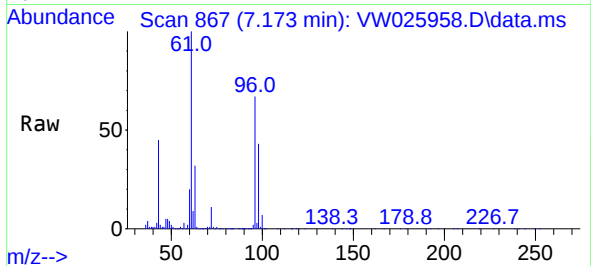




#22
2-Butanone
Concen: 47.249 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

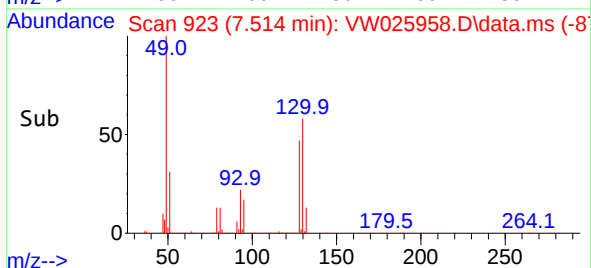
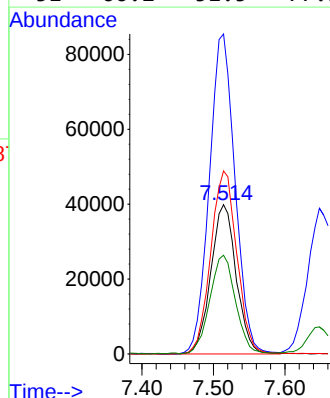
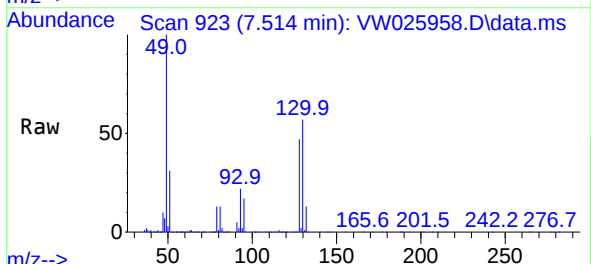
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

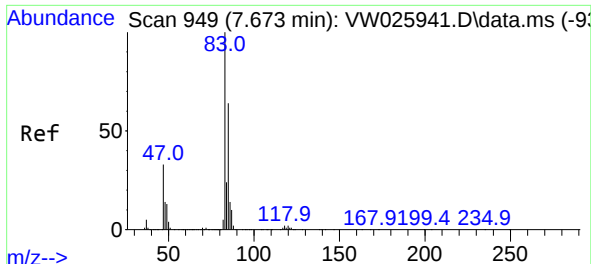
Tgt Ion: 43 Resp: 156403
Ion Ratio Lower Upper
43 100
72 24.4 11.8 35.4



#23
Bromochloromethane
Concen: 25.709 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 128 Resp: 98388
Ion Ratio Lower Upper
128 100
49 214.5 151.5 281.5
130 122.6 91.3 169.6
51 66.2 51.5 77.3





#25

Chloroform

Concen: 26.060 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

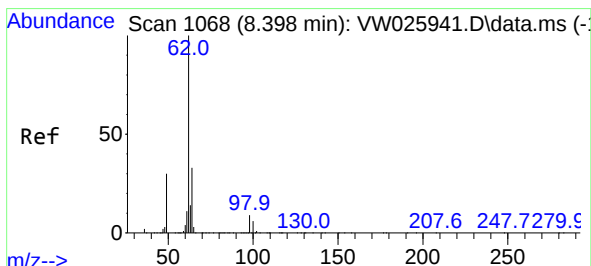
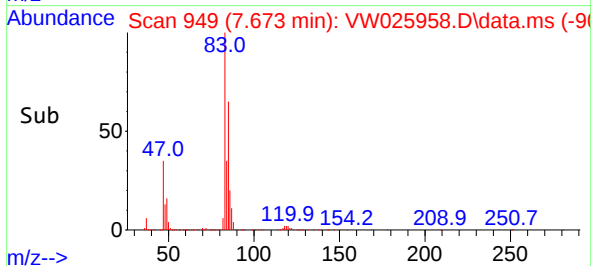
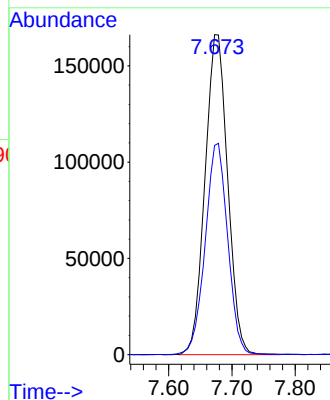
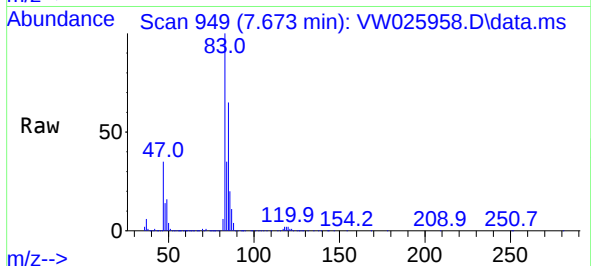
VSTD025486

Tgt Ion: 83 Resp: 414353

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 26.053 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025958.D

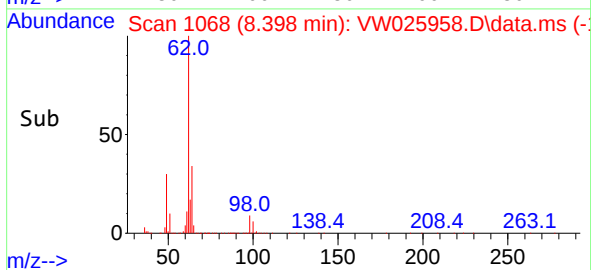
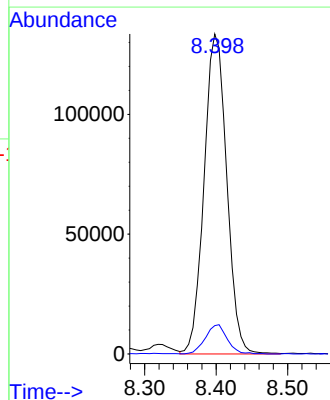
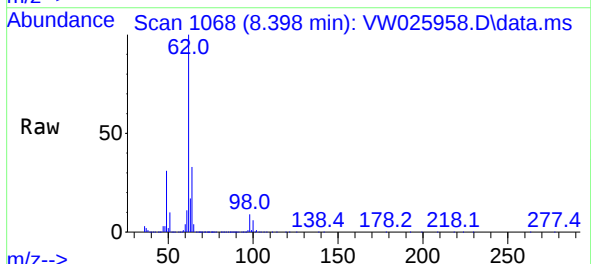
Acq: 11 May 2023 16:11

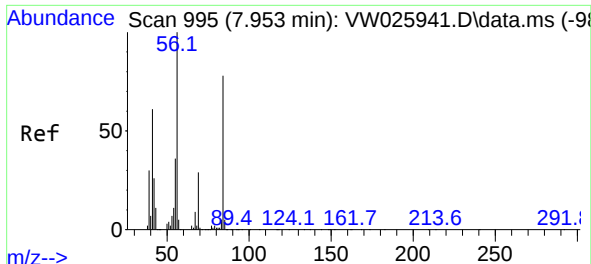
Tgt Ion: 62 Resp: 294186

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 24.440 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

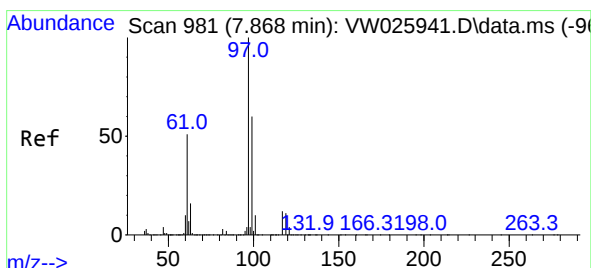
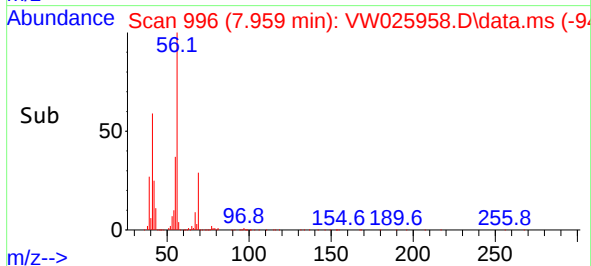
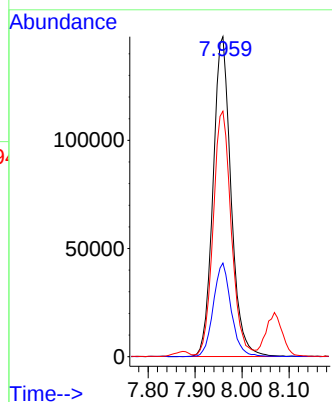
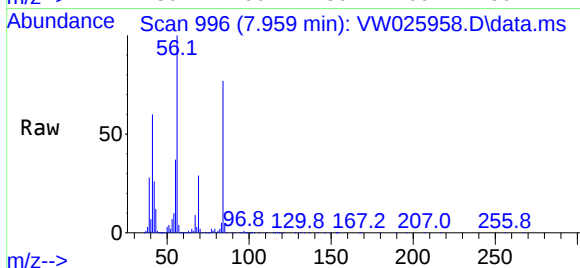
Tgt Ion: 56 Resp: 392818

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 77.5 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 25.079 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

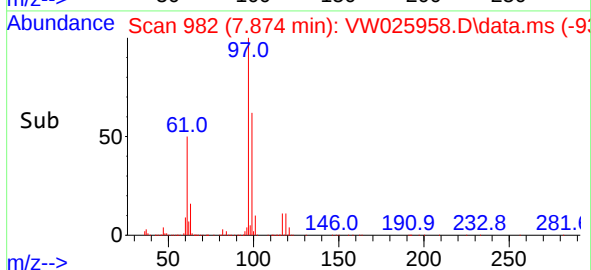
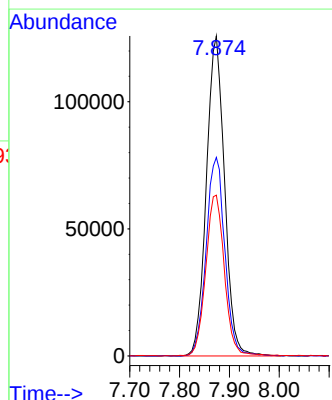
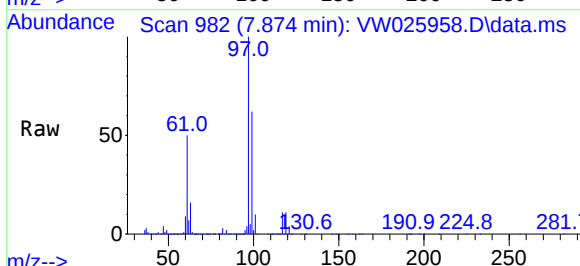
Tgt Ion: 97 Resp: 318103

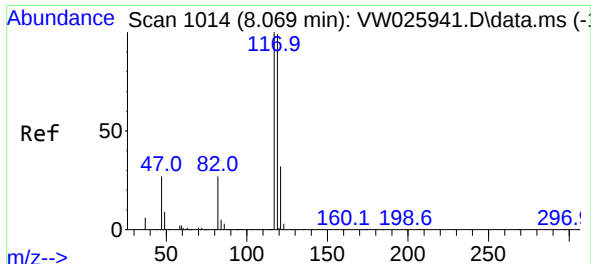
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 51.6 40.4 60.6

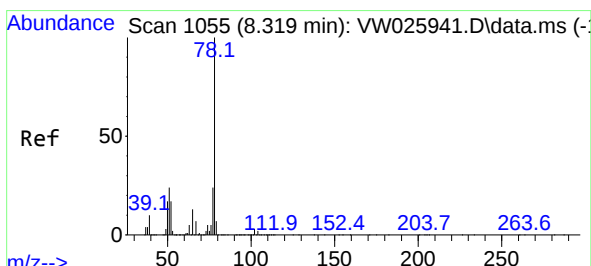
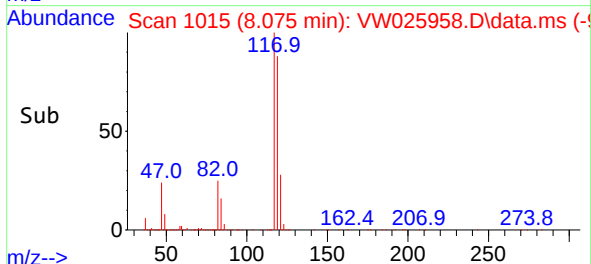
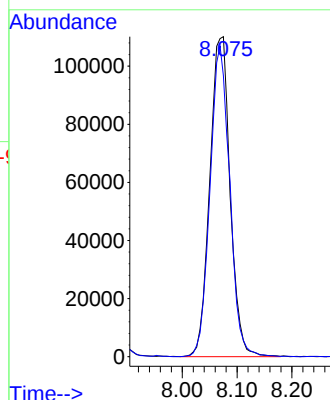
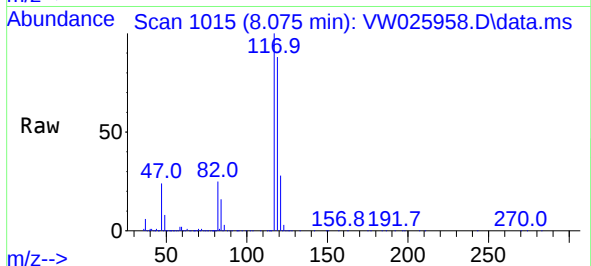




#31
Carbon tetrachloride
Concen: 24.818 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

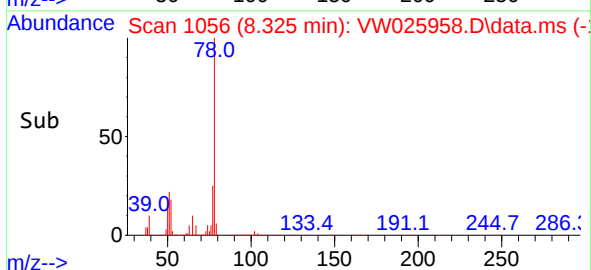
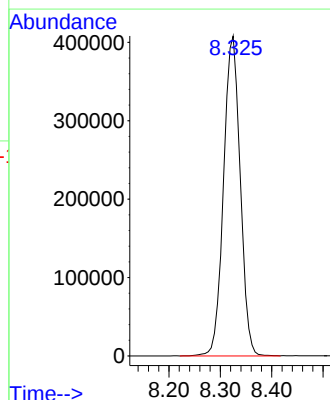
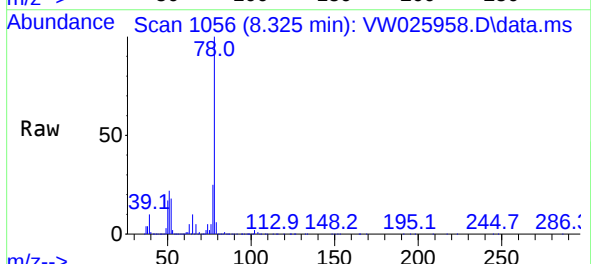
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

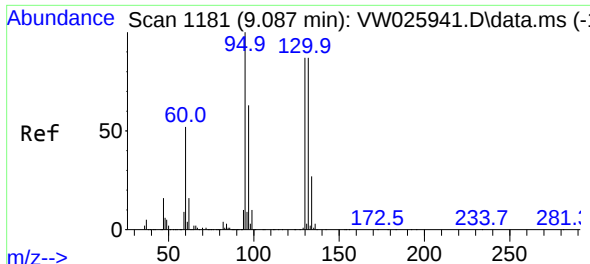
Tgt Ion:117 Resp: 283297
Ion Ratio Lower Upper
117 100
119 93.9 76.9 115.3



#33
Benzene
Concen: 25.594 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 78 Resp: 918399



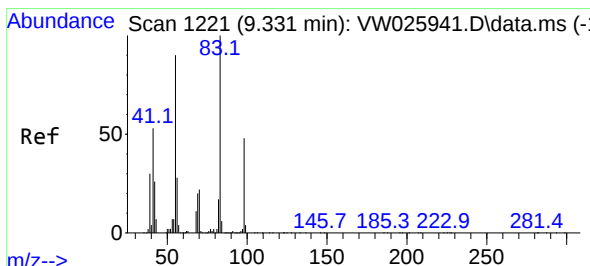
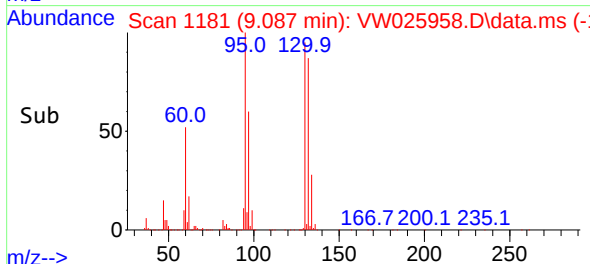
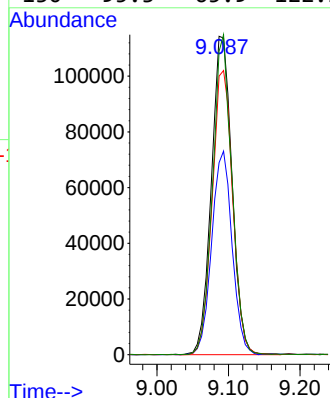
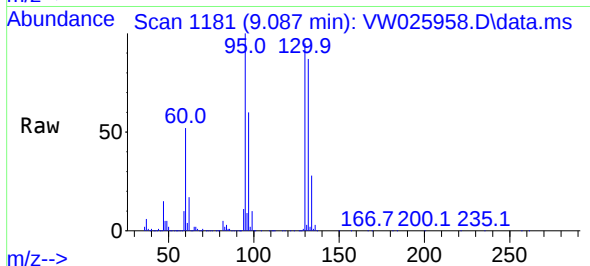


#34
Trichloroethene
Concen: 24.883 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion: 95 Resp: 229121

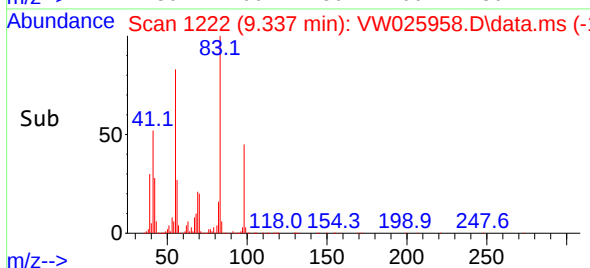
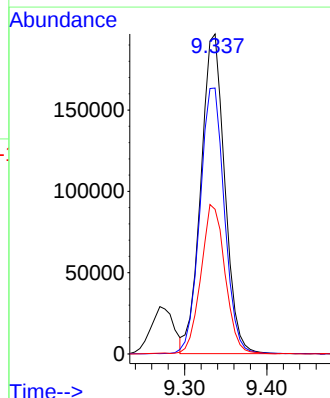
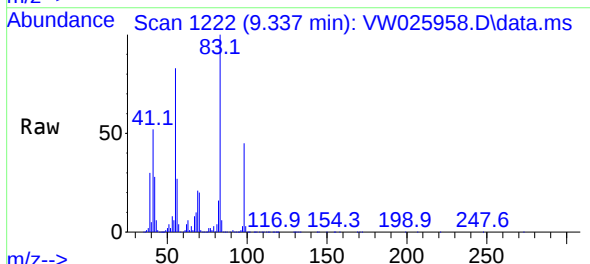
Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.9	85.3
132	87.5	66.0	122.6
130	95.3	65.9	122.3

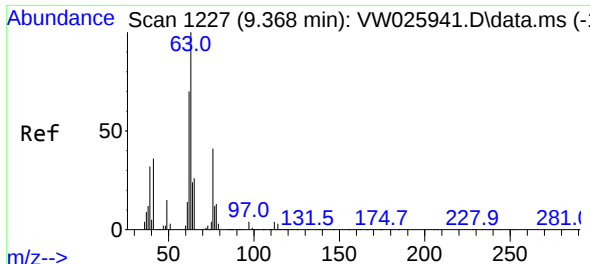


#35
Methylcyclohexane
Concen: 24.196 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 83 Resp: 396252

Ion	Ratio	Lower	Upper
83	100		
55	85.6	69.0	103.4
98	47.3	37.1	55.7





#37

1,2-Dichloropropane

Concen: 26.004 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

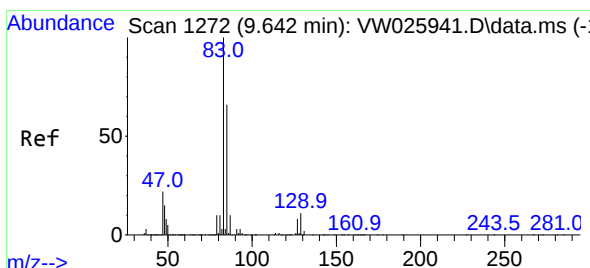
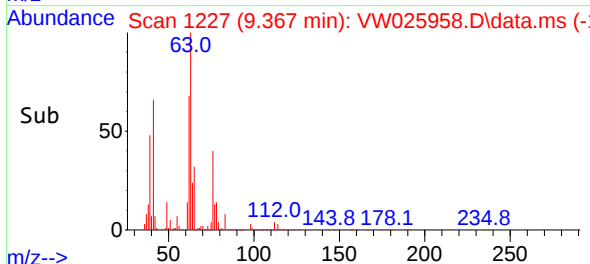
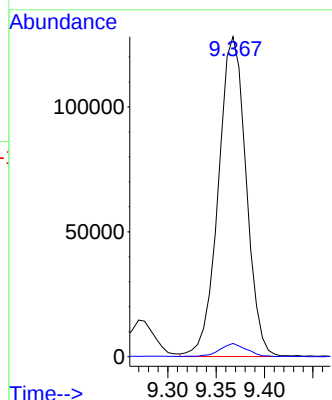
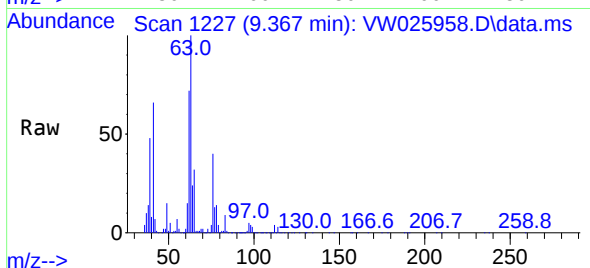
VSTD025486

Tgt Ion: 63 Resp: 255644

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 25.663 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

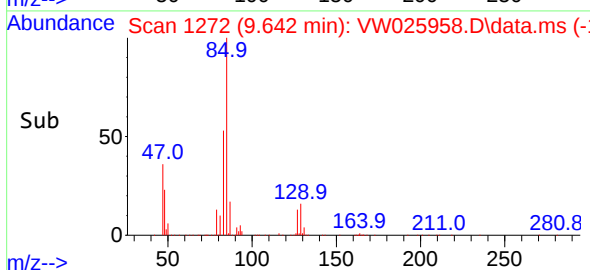
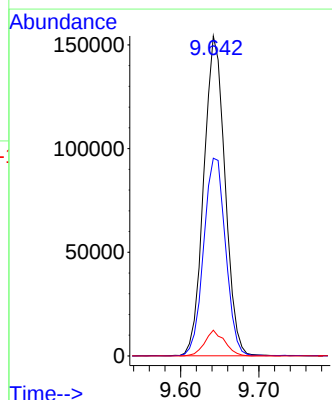
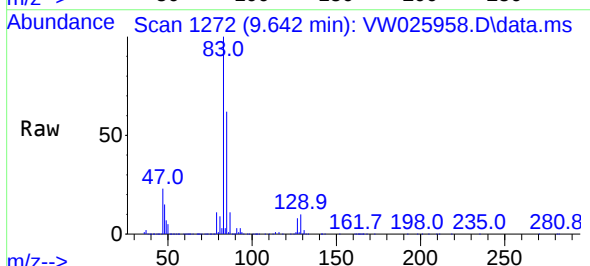
Tgt Ion: 83 Resp: 289446

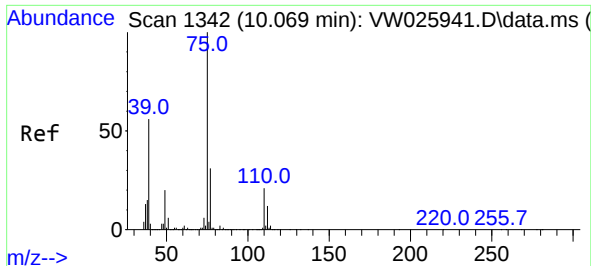
Ion Ratio Lower Upper

83 100

85 61.8 44.4 82.5

127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.955 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

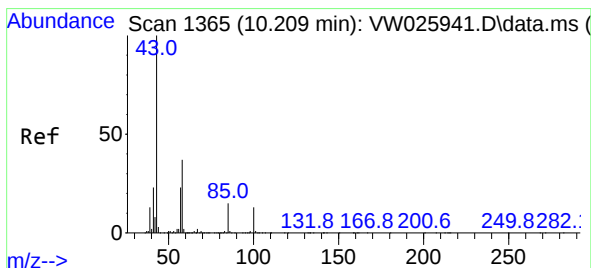
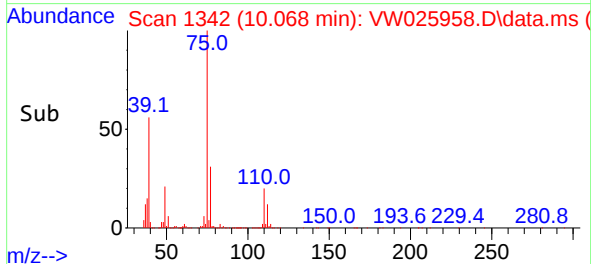
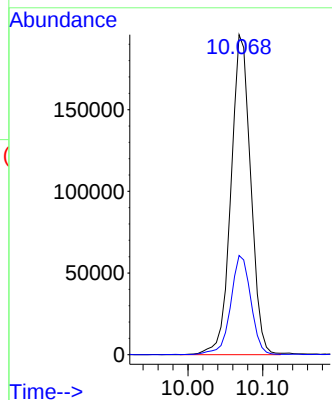
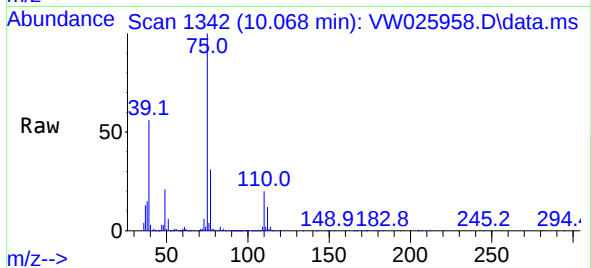
VSTD025486

Tgt Ion: 75 Resp: 359784

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.926 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

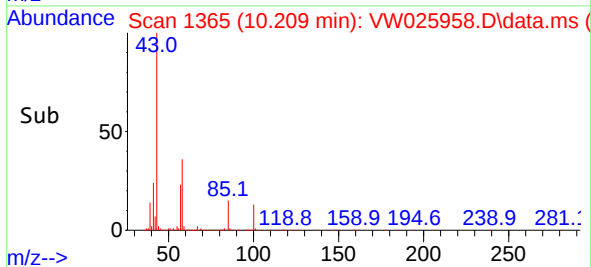
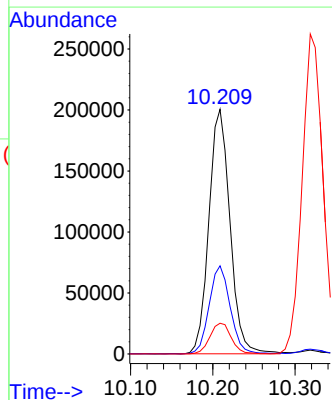
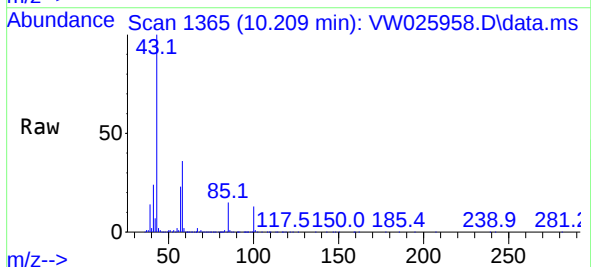
Tgt Ion: 43 Resp: 357879

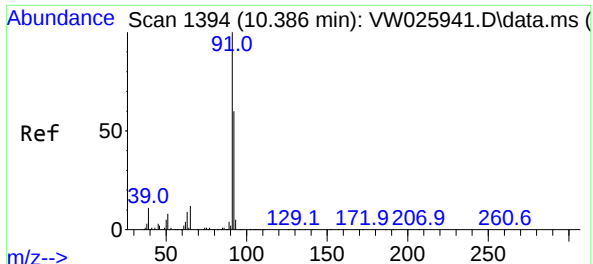
Ion Ratio Lower Upper

43 100

58 35.9 29.4 44.0

100 12.8 10.1 15.1

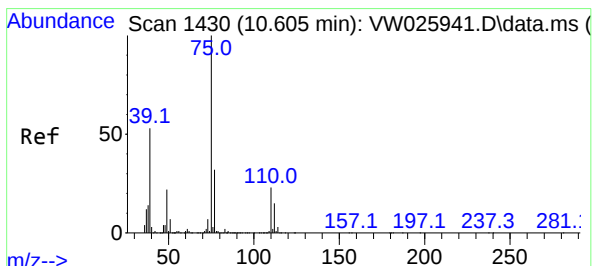
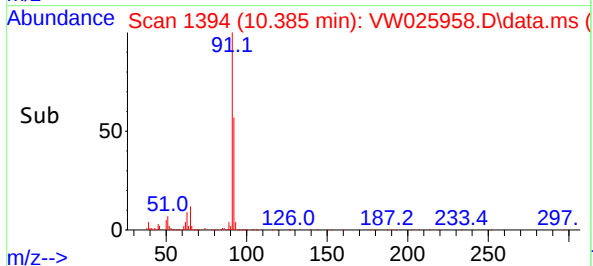
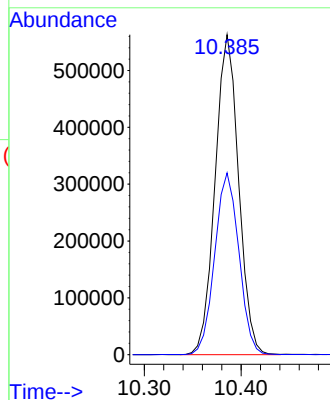
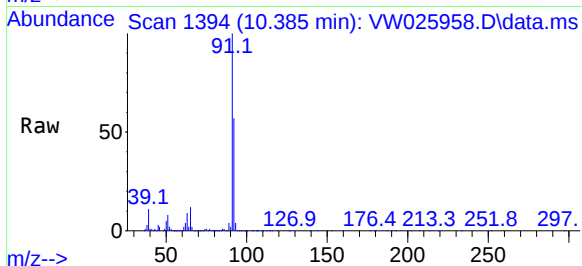




#42
Toluene
Concen: 25.898 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

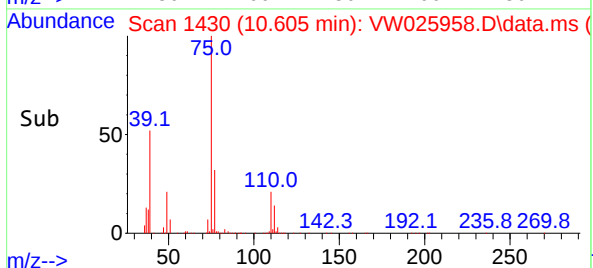
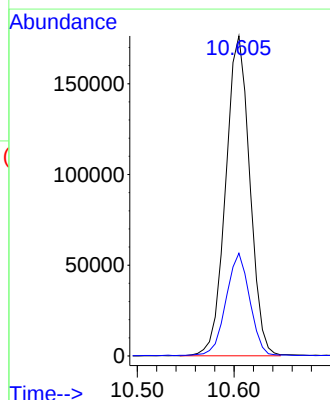
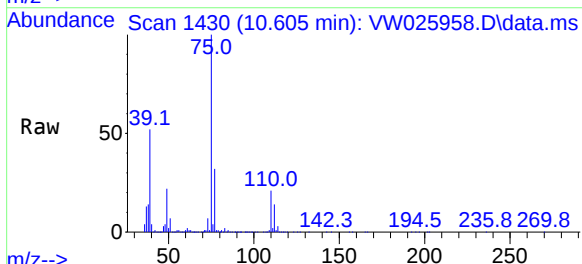
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

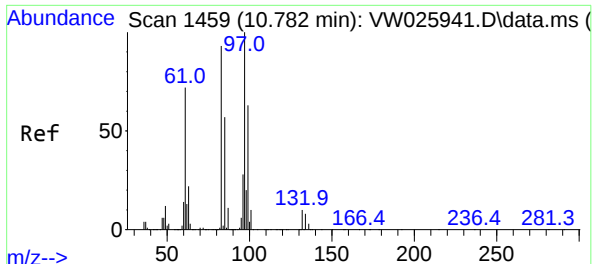
Tgt Ion: 91 Resp: 949554
Ion Ratio Lower Upper
91 100
92 56.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 25.521 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 75 Resp: 304869
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



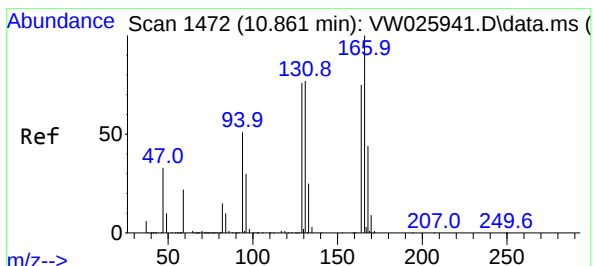
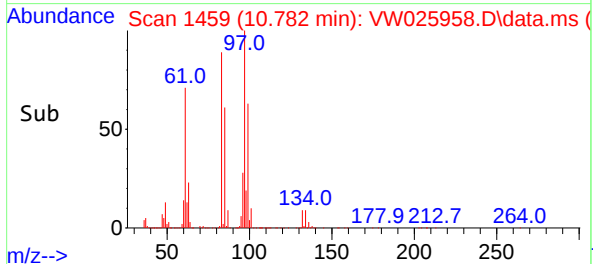
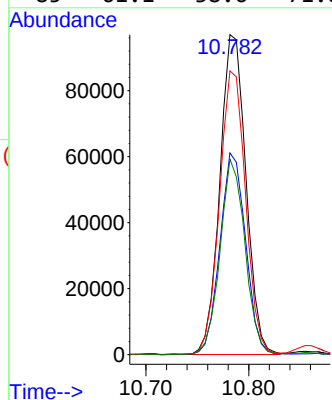
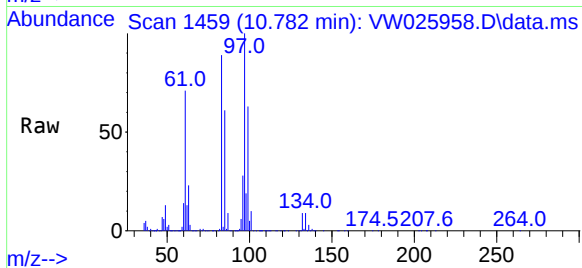


#45
1,1,2-Trichloroethane
Concen: 25.987 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion: 97 Resp: 170898

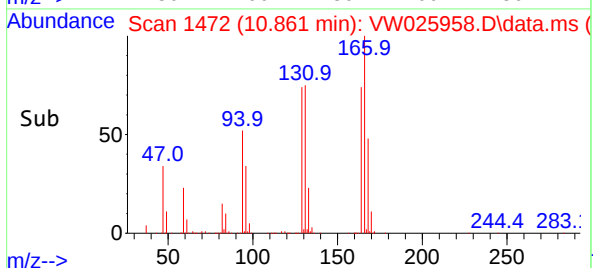
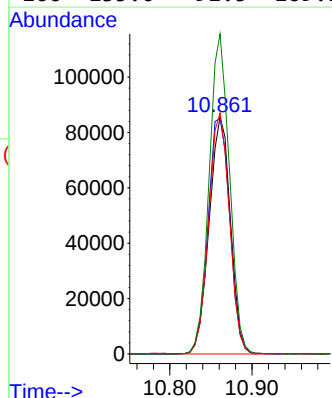
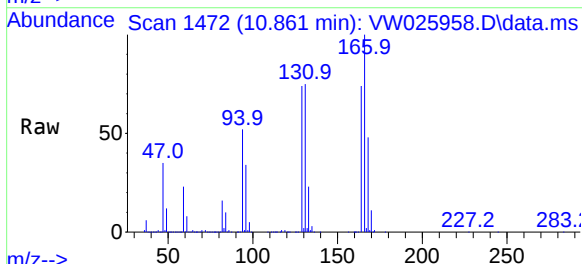
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.5	82.7
83	88.7	63.0	117.0
85	61.1	38.6	71.8

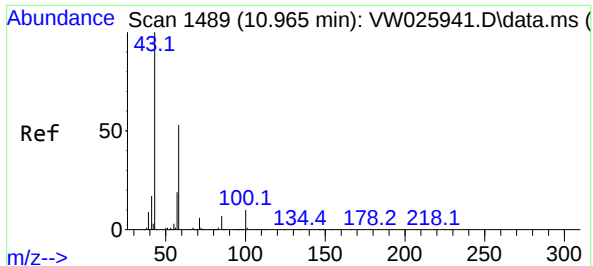


#46
Tetrachloroethene
Concen: 23.730 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 164 Resp: 153721

Ion	Ratio	Lower	Upper
164	100		
129	99.4	74.3	138.1
131	101.7	71.3	132.3
166	135.0	91.5	169.9



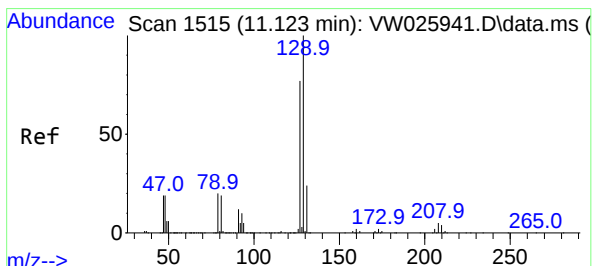
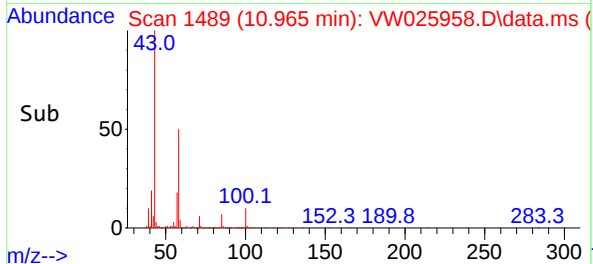
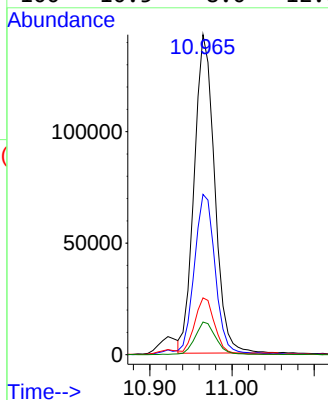
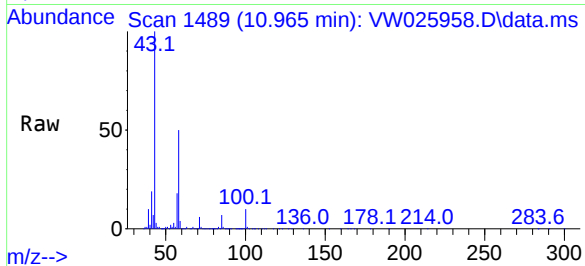


#48
2-Hexanone
Concen: 53.782 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion: 43 Resp: 246549

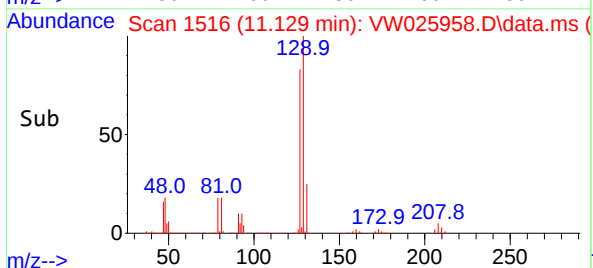
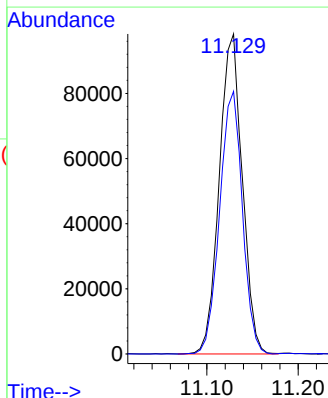
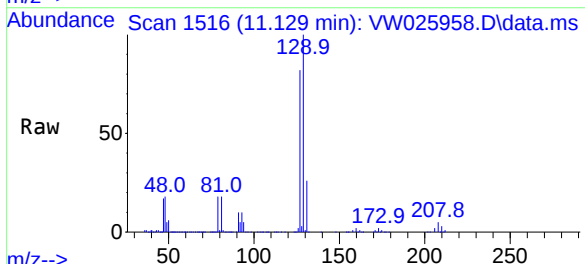
Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.8	61.2
57	17.0	13.6	20.4
100	10.5	8.0	12.0

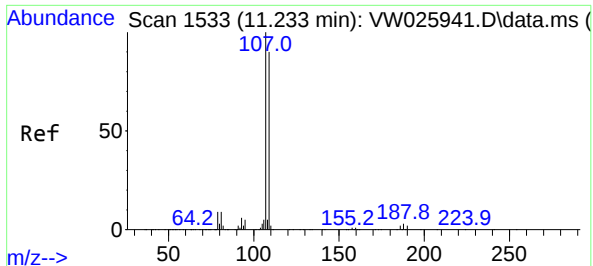


#49
Dibromochloromethane
Concen: 25.266 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 129 Resp: 172017

Ion	Ratio	Lower	Upper
129	100		
127	82.0	56.1	104.3



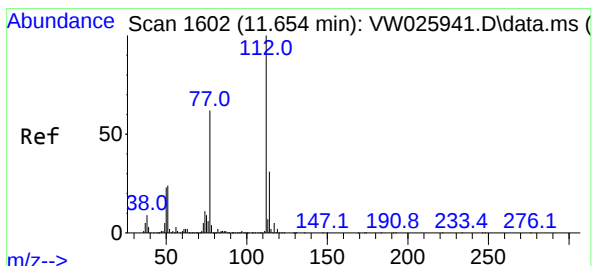
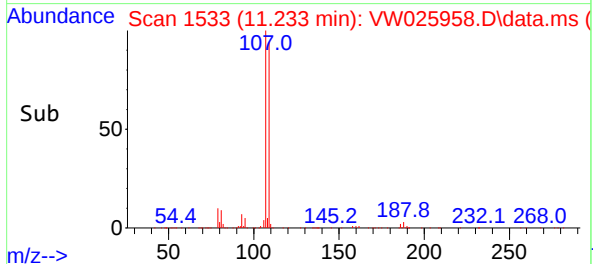
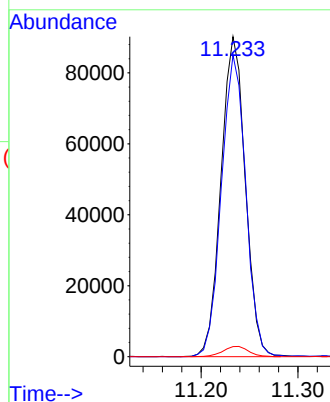
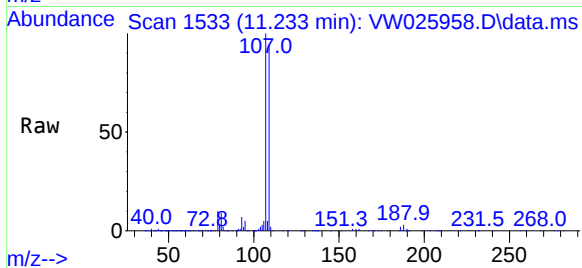


#50
1,2-Dibromoethane
Concen: 25.889 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion:107 Resp: 156951

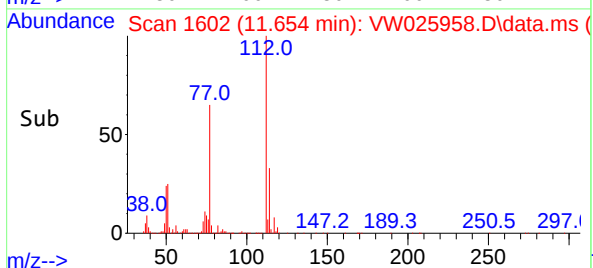
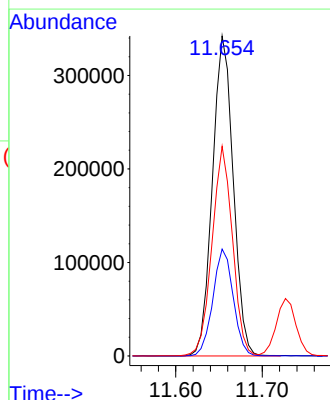
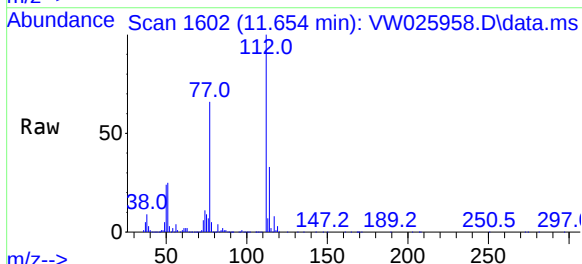
Ion	Ratio	Lower	Upper
107	100		
109	94.2	67.5	125.4
188	3.1	2.6	4.0

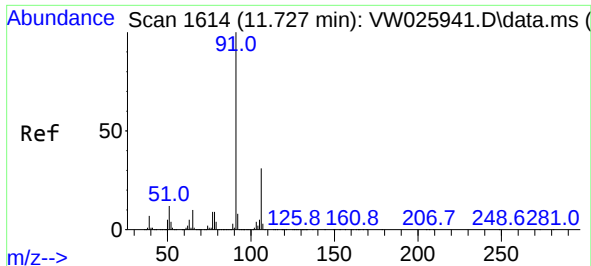


#51
Chlorobenzene
Concen: 25.132 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion:112 Resp: 570825

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.7	42.3
77	65.5	53.0	79.6





#52

Ethylbenzene

Concen: 25.683 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

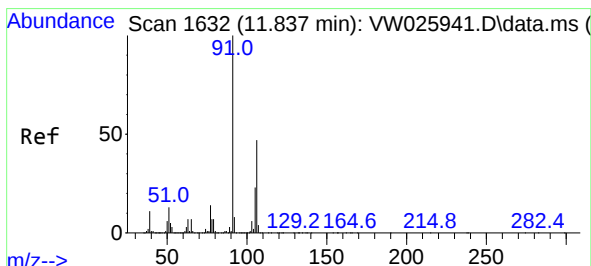
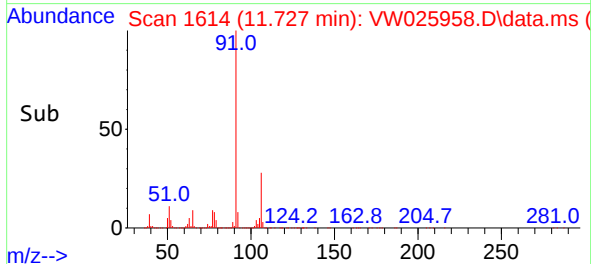
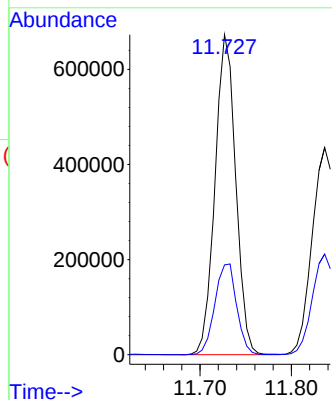
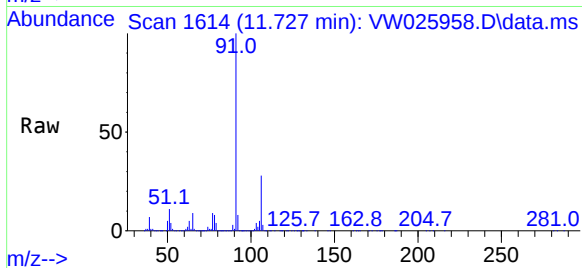
VSTD025486

Tgt Ion: 91 Resp: 1059237

Ion Ratio Lower Upper

91 100

106 28.1 20.8 38.6



#53

m,p-Xylene

Concen: 25.571 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025958.D

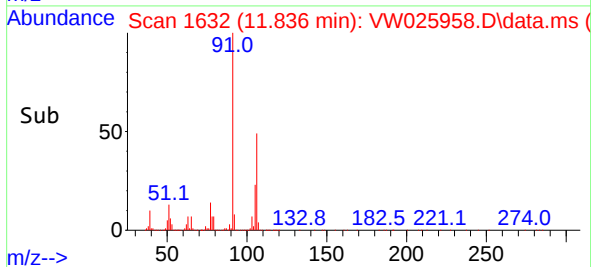
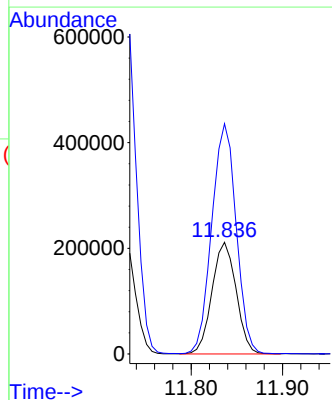
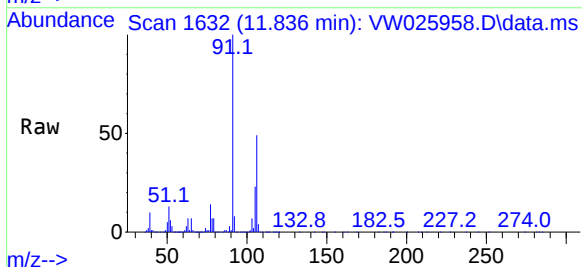
Acq: 11 May 2023 16:11

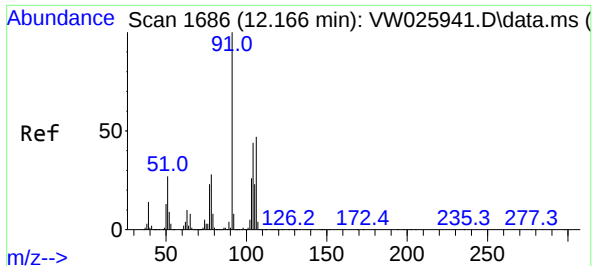
Tgt Ion:106 Resp: 388156

Ion Ratio Lower Upper

106 100

91 206.0 150.1 278.9

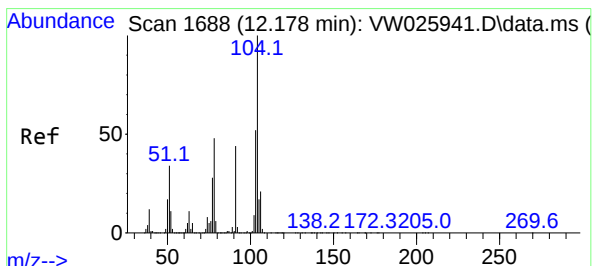
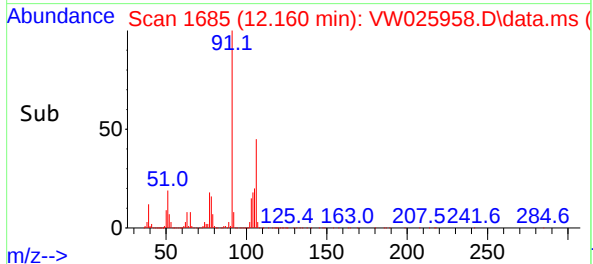
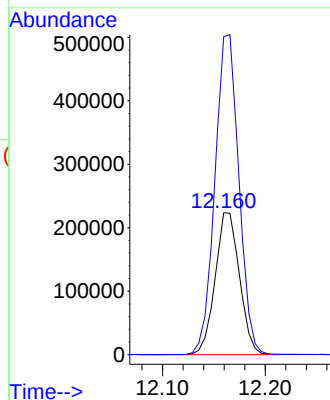
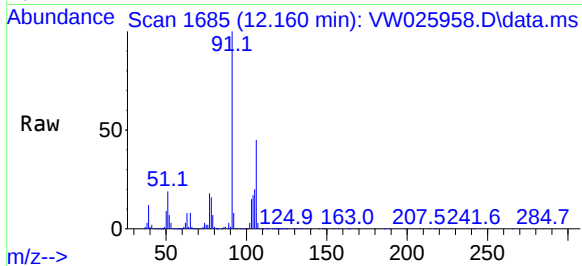




#54
o-Xylene
Concen: 25.620 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

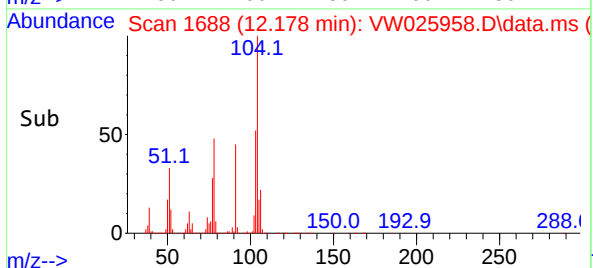
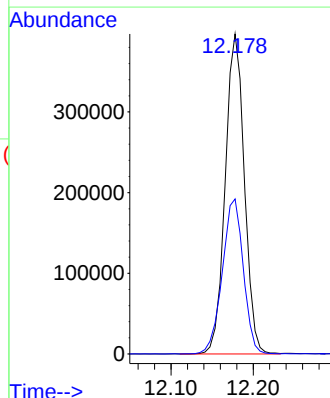
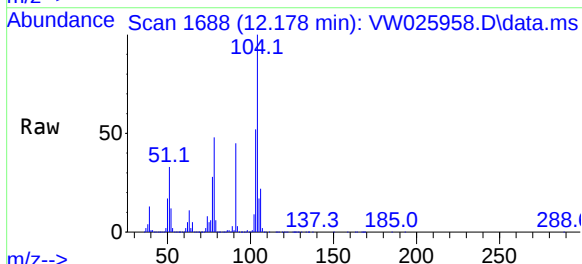
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

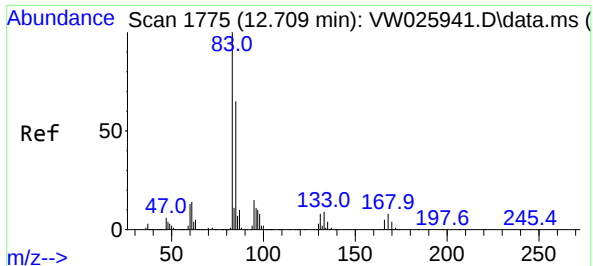
Tgt Ion:106 Resp: 366558
Ion Ratio Lower Upper
106 100
91 224.2 157.8 293.1



#55
Styrene
Concen: 26.239 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion:104 Resp: 642558
Ion Ratio Lower Upper
104 100
78 48.5 33.4 62.0

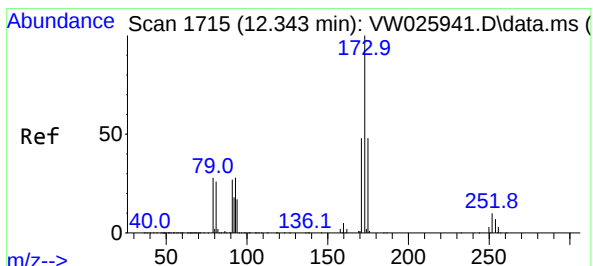
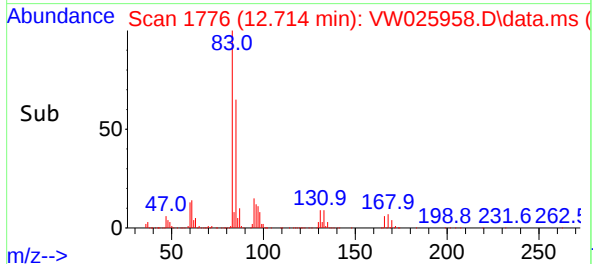
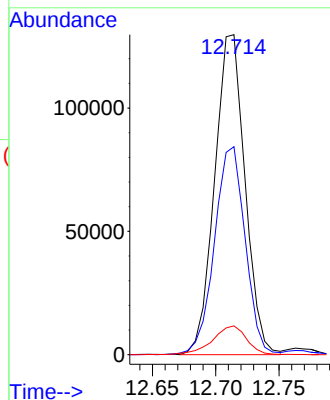
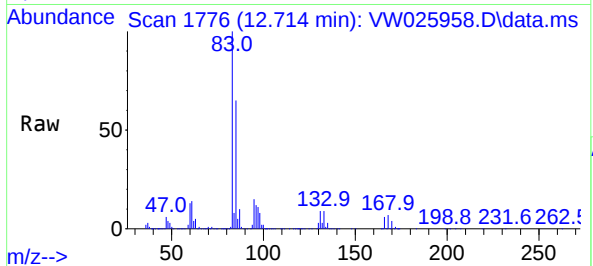




#57
1,1,2,2-Tetrachloroethane
Concen: 26.439 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

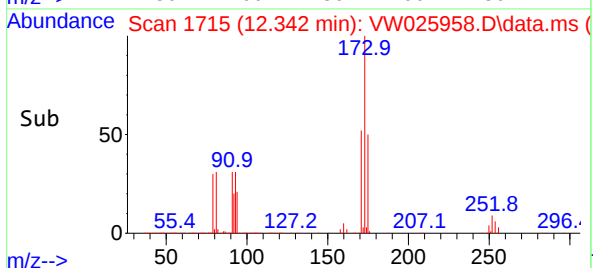
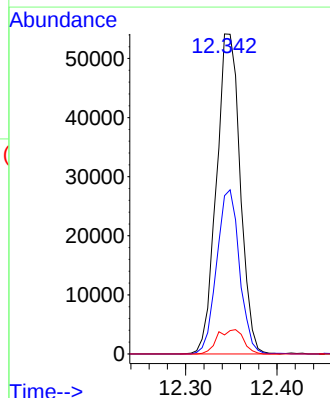
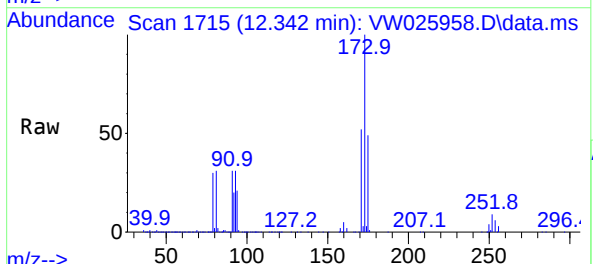
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

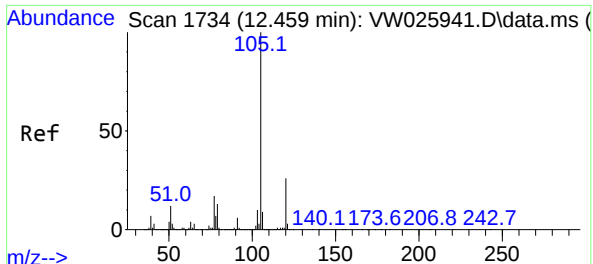
Tgt Ion: 83 Resp: 216951
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.8
131 9.0 8.1 12.1



#59
Bromoform
Concen: 25.284 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 173 Resp: 97738
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 5.0 7.6 11.4

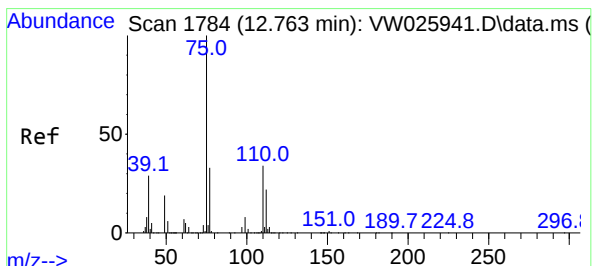
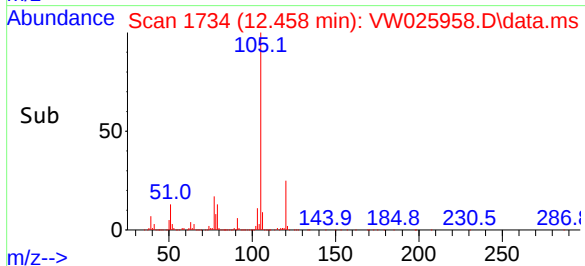
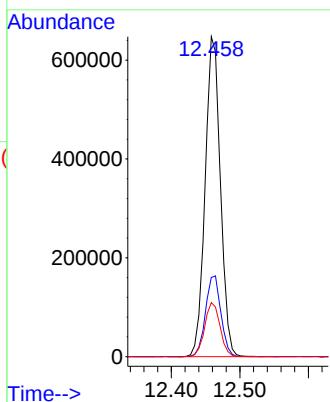
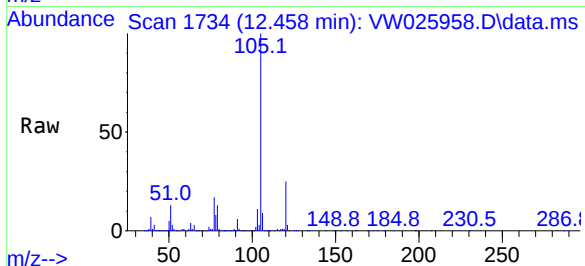




#60
Isopropylbenzene
Concen: 25.284 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

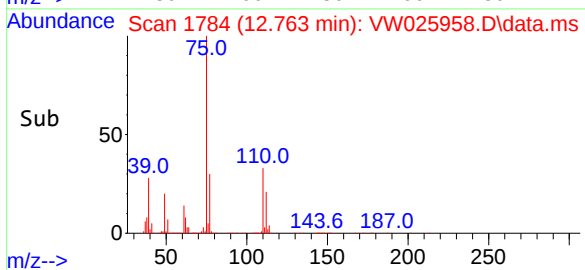
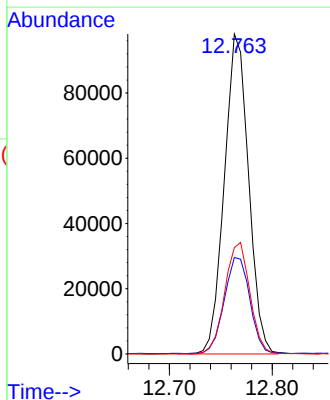
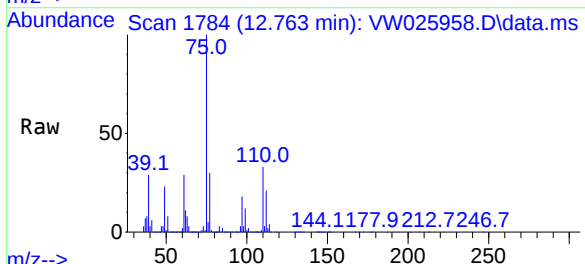
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

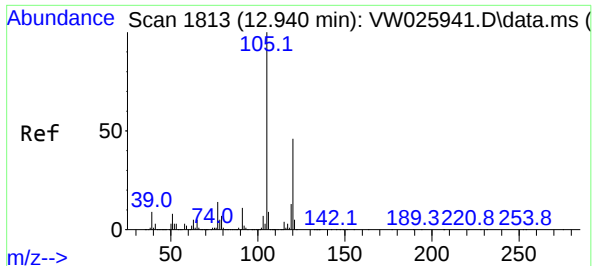
Tgt Ion:105 Resp: 1003012
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 26.074 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion: 75 Resp: 160823
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 36.1 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 25.961 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

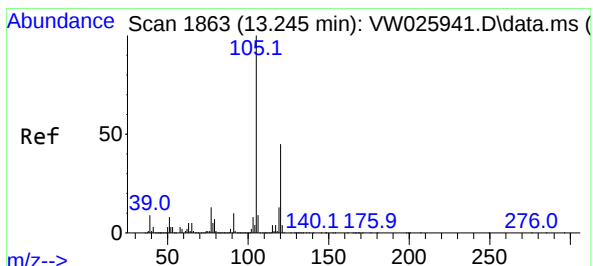
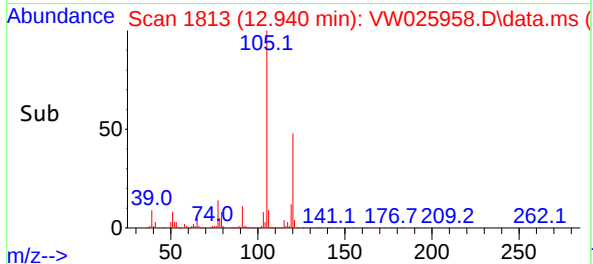
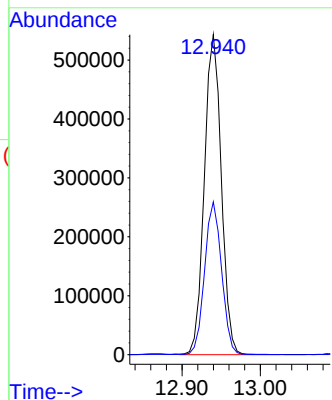
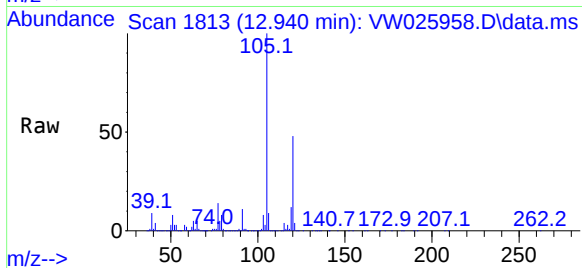
VSTD025486

Tgt Ion:105 Resp: 815709

Ion Ratio Lower Upper

105 100

120 47.8 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 25.328 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025958.D

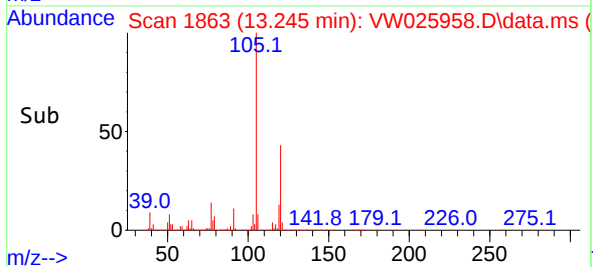
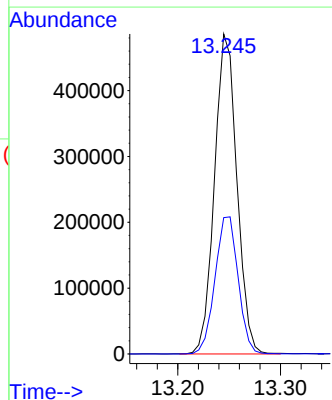
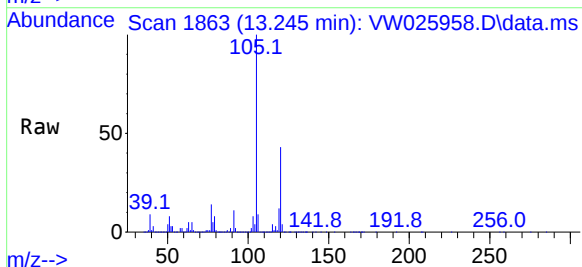
Acq: 11 May 2023 16:11

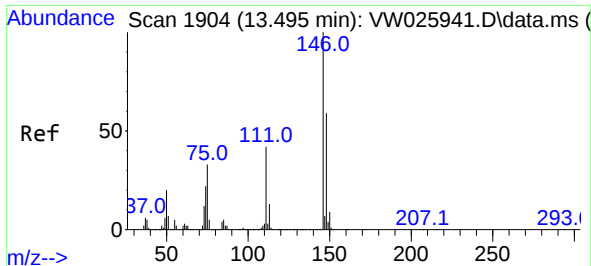
Tgt Ion:105 Resp: 734387

Ion Ratio Lower Upper

105 100

120 44.3 34.7 52.1

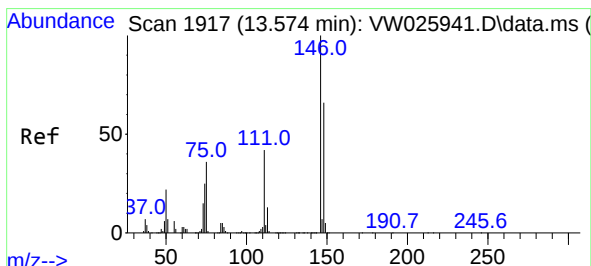
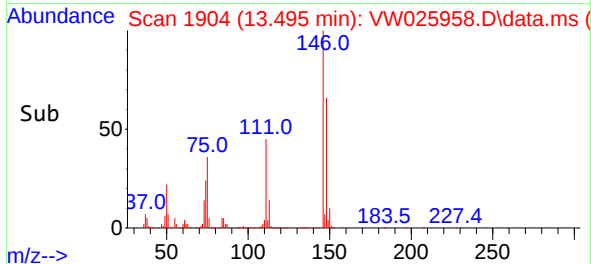
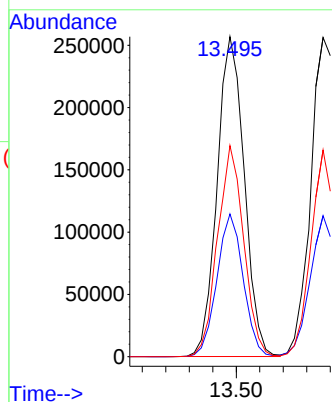
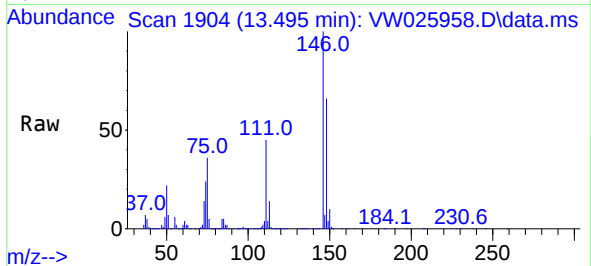




#64
1,3-Dichlorobenzene
Concen: 24.179 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

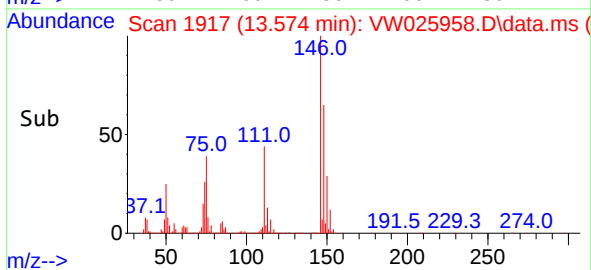
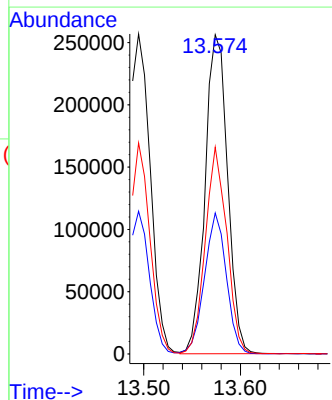
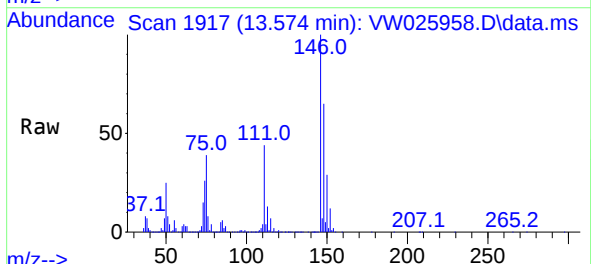
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

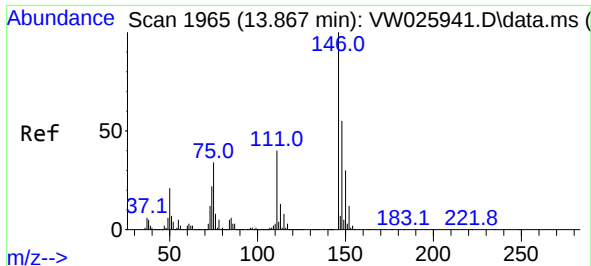
Tgt Ion:146 Resp: 412921
Ion Ratio Lower Upper
146 100
111 44.6 30.4 56.4
148 65.9 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 24.027 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion:146 Resp: 414537
Ion Ratio Lower Upper
146 100
111 44.2 27.9 51.9
148 64.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.703 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

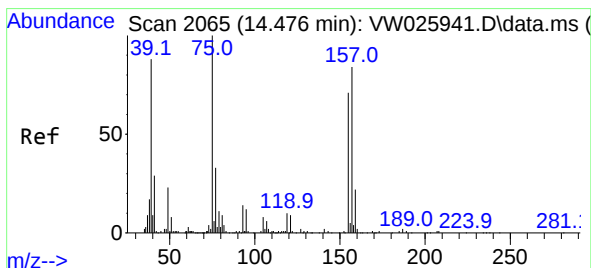
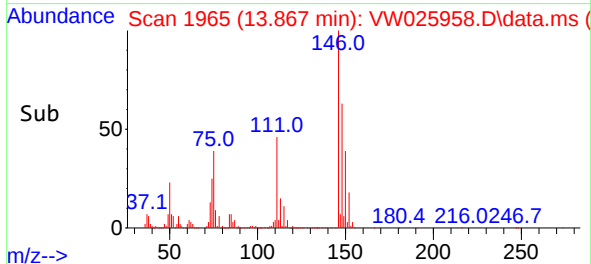
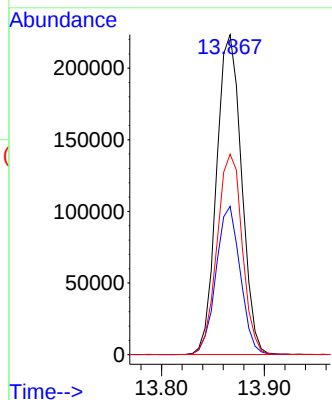
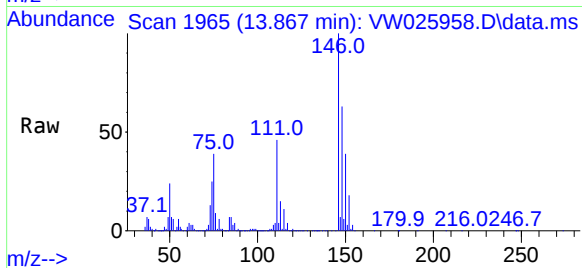
Tgt Ion:146 Resp: 376224

Ion Ratio Lower Upper

146 100

111 46.4 37.7 56.5

148 62.6 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.568 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

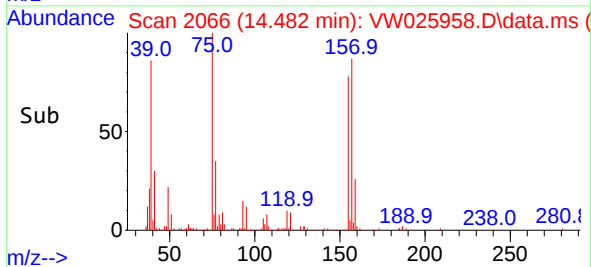
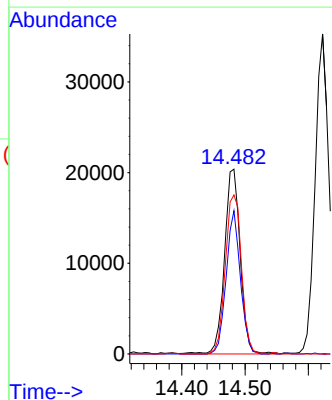
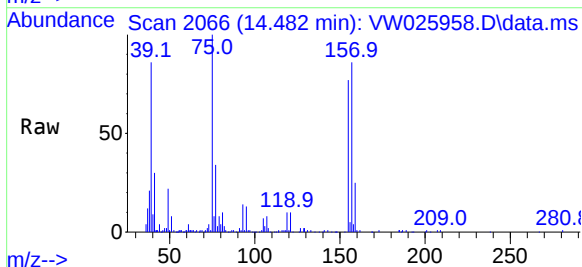
Tgt Ion: 75 Resp: 35139

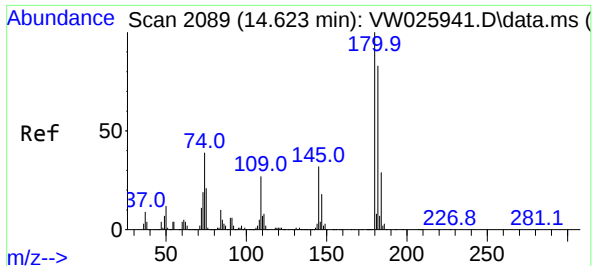
Ion Ratio Lower Upper

75 100

155 77.5 56.3 84.5

157 86.1 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 22.715 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

Tgt Ion:180 Resp: 257492

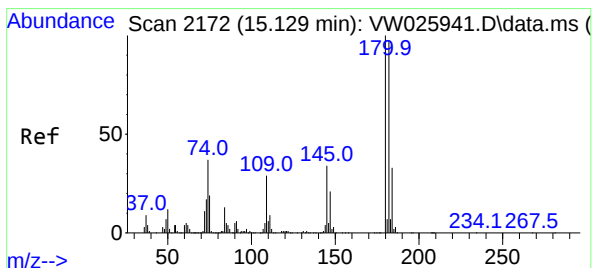
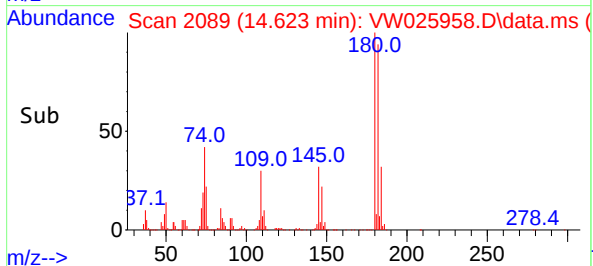
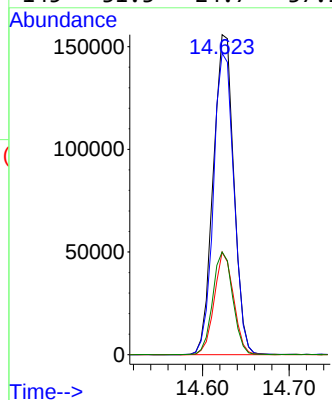
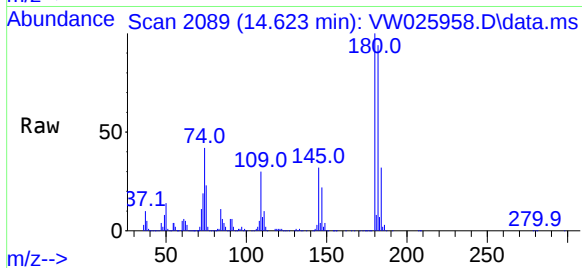
Ion Ratio Lower Upper

180 100

182 93.5 77.4 116.0

184 30.0 24.7 37.1

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.894 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025958.D

Acq: 11 May 2023 16:11

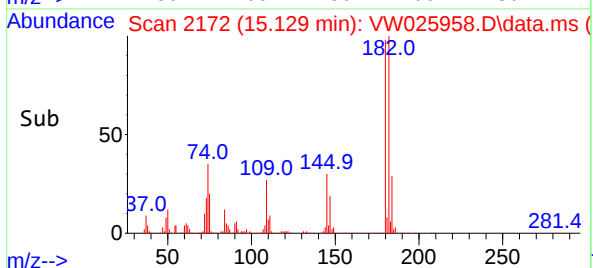
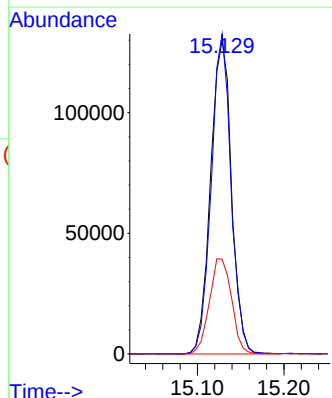
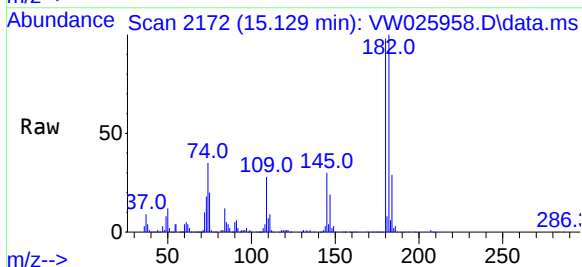
Tgt Ion:180 Resp: 217421

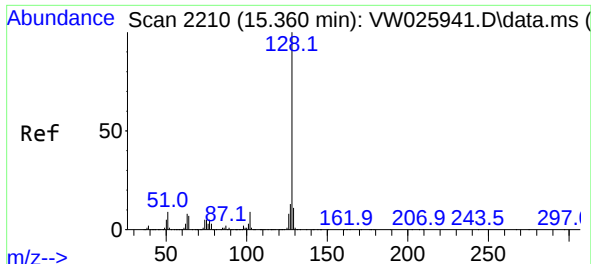
Ion Ratio Lower Upper

180 100

182 96.6 74.3 111.5

145 32.2 25.4 38.0

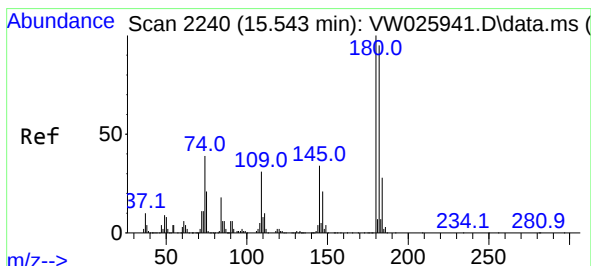
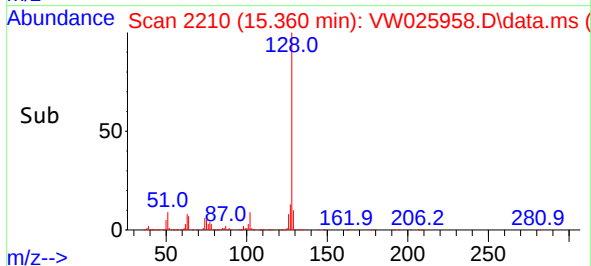
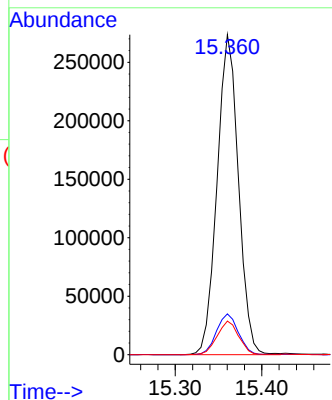
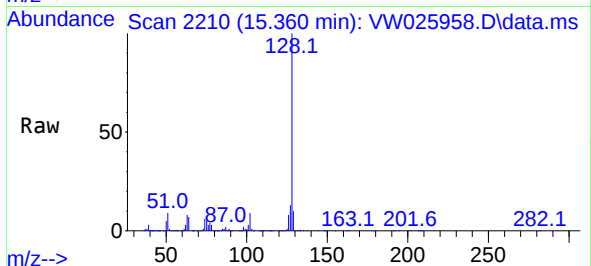




#71
Naphthalene
Concen: 26.133 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion:128 Resp: 468419
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.810 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW025958.D
Acq: 11 May 2023 16:11

Tgt Ion:180 Resp: 200634
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
145 34.7 28.0 42.0

