

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025917.D
 Acq On : 10 May 2023 09:15
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: May 11 02:10:56 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	8.837	114	597910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	531808	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	271201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	213000	25.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
7) Chloroethane-d5	2.667	69	333	0.053	ug/L	-0.23
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.021	65	104162	24.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.200%
21) 2-Butanone-d5	7.075	46	105763	37.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.520%
24) Chloroform-d	7.648	84	426352	24.729	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.301	65	218407	22.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	8.270	84	851479	24.503	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	9.270	67	268668	24.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.318	98	755793	24.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.560%
43) trans-1,3-Dichloroprop...	10.575	79	98132	21.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.080%
47) 2-Hexanone-d5	10.922	63	73826	38.940	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184654	21.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	218914	22.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.021	85	163454	24.469	ug/L	96
3) Chloromethane	2.222	50	249945	25.377	ug/L	98
5) Vinyl chloride	2.375	62	268484	26.336	ug/L	98
6) Bromomethane	2.789	94	144814	26.117	ug/L	94
8) Chloroethane	2.930	64	141291	24.374	ug/L	100
9) Trichlorofluoromethane	3.265	101	193035	25.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	216949	25.928	ug/L	98
12) 1,1-Dichloroethene	4.045	96	202896	25.373	ug/L	89
13) Acetone	4.124	43	89955	36.219	ug/L	99
14) Carbon disulfide	4.387	76	658530	24.352	ug/L	99
15) Methyl Acetate	4.667	43	93253	19.053	ug/L	100
16) Methylene chloride	4.917	84	213419	17.308	ug/L	90
17) trans-1,2-Dichloroethene	5.423	96	214272	24.563	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	290476	21.939	ug/L	100
19) 1,1-Dichloroethane	6.216	63	445755	24.871	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	222887	23.815	ug/L	96
22) 2-Butanone	7.167	43	123899	36.128	ug/L	99
23) Bromochloromethane	7.508	128	91137	22.986	ug/L	95
25) Chloroform	7.673	83	408315	24.787	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025917.D
 Acq On : 10 May 2023 09:15
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: May 11 02:10:56 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

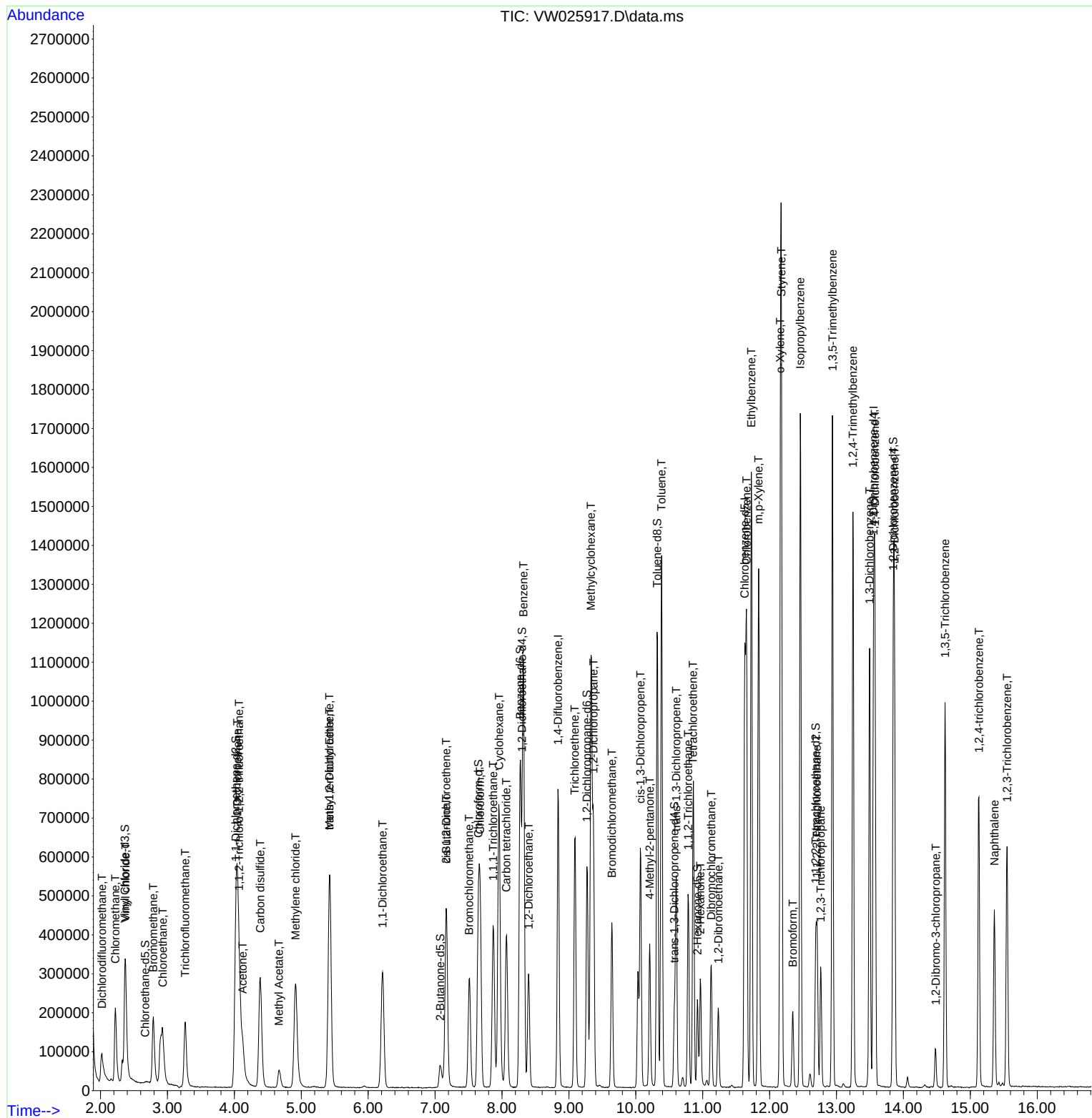
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	267713	22.884	ug/L	99
29) Cyclohexane	7.959	56	421678	25.587	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	329244	25.315	ug/L	98
31) Carbon tetrachloride	8.063	117	297784	25.442	ug/L	99
33) Benzene	8.319	78	932235	25.337	ug/L	100
34) Trichloroethene	9.087	95	235156	24.907	ug/L	97
35) Methylcyclohexane	9.331	83	421107	25.077	ug/L	99
37) 1,2-Dichloropropane	9.367	63	246767	24.480	ug/L	100
38) Bromodichloromethane	9.642	83	279234	24.145	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	353952	23.944	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	254599	38.802	ug/L	100
42) Toluene	10.386	91	952844	25.345	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	286085	23.356	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	152330	22.590	ug/L	98
46) Tetrachloroethene	10.855	164	165820	24.965	ug/L	85
48) 2-Hexanone	10.965	43	185500	39.464	ug/L	99
49) Dibromochloromethane	11.129	129	161065	23.072	ug/L	95
50) 1,2-Dibromoethane	11.233	107	136079	21.891	ug/L	95
51) Chlorobenzene	11.654	112	574487	24.667	ug/L	97
52) Ethylbenzene	11.727	91	1081406	25.572	ug/L	99
53) m,p-Xylene	11.836	106	398419	25.598	ug/L	100
54) o-Xylene	12.160	106	369680	25.199	ug/L	96
55) Styrene	12.178	104	651552	25.948	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	180246	21.423	ug/L	97
59) Bromoform	12.349	173	85153	21.198	ug/L	99
60) Isopropylbenzene	12.458	105	1057920	25.663	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	129364	20.183	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	833116	25.516	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	751157	24.930	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	426548	24.036	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	429207	23.939	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	375926	23.753	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	26595	17.894	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	284514	24.153	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	219778	22.270	ug/L	97
71) Naphthalene	15.360	128	361773	19.423	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	192557	21.990	ug/L	97

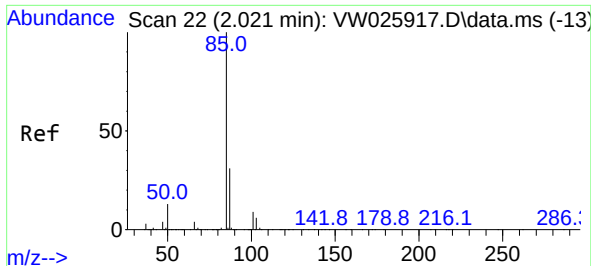
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025917.D
Acq On : 10 May 2023 09:15
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Quant Time: May 11 02:10:56 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

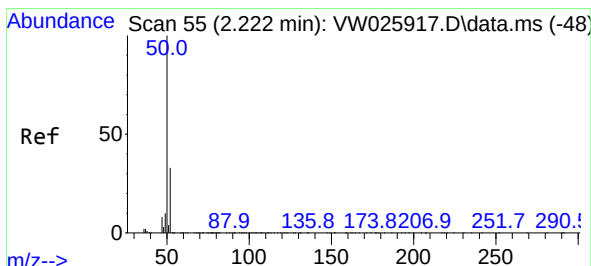
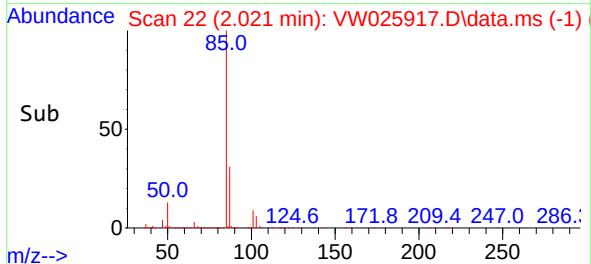
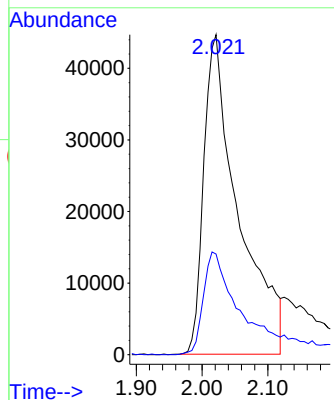
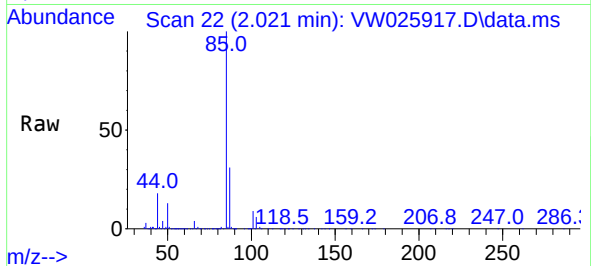




#2
Dichlorodifluoromethane
Concen: 24.469 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

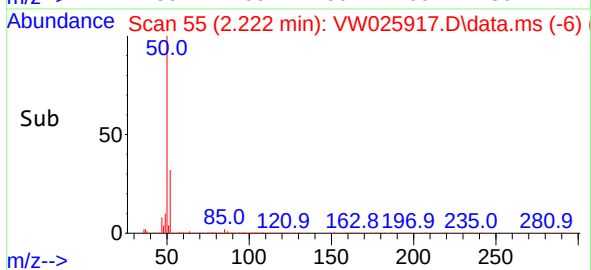
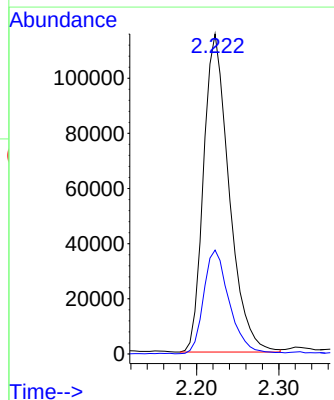
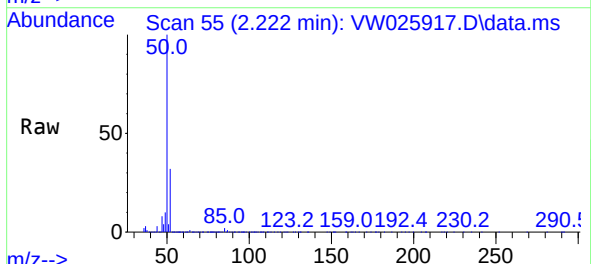
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

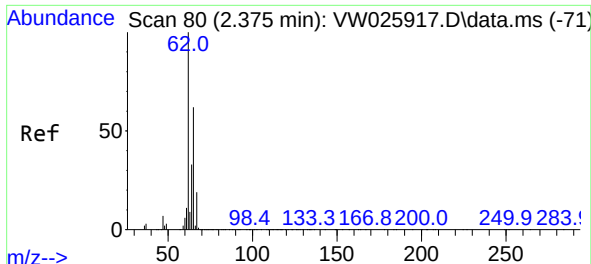
Tgt Ion: 85 Resp: 163454
Ion Ratio Lower Upper
85 100
87 33.0 24.7 37.1



#3
Chloromethane
Concen: 25.377 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 50 Resp: 249945
Ion Ratio Lower Upper
50 100
52 32.5 22.1 41.1

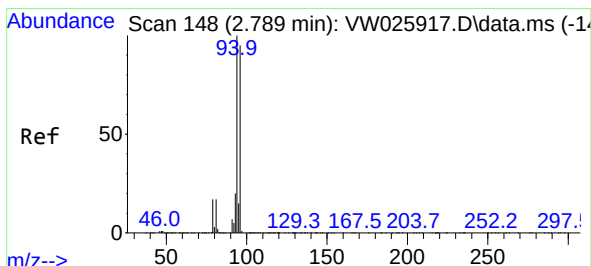
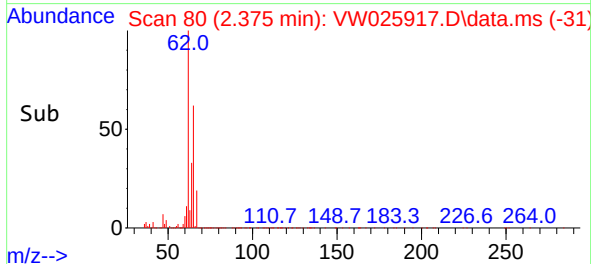
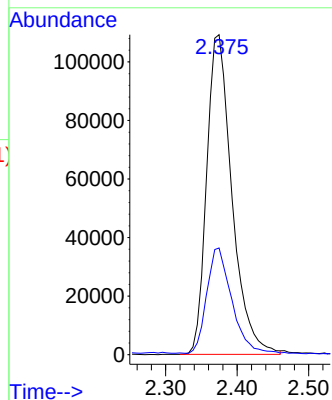
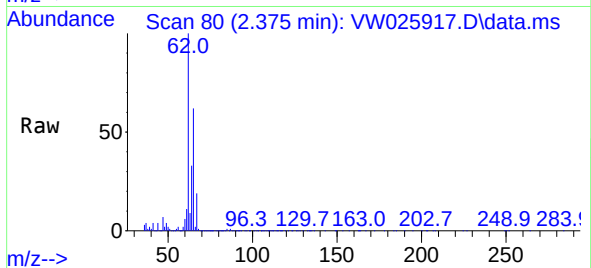




#5
 Vinyl chloride
 Concen: 26.336 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025917.D
 Acq: 10 May 2023 09:15

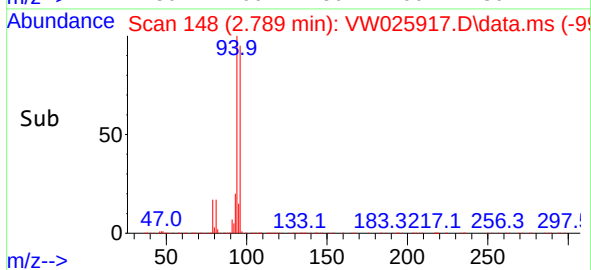
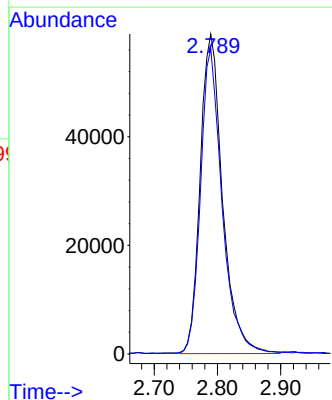
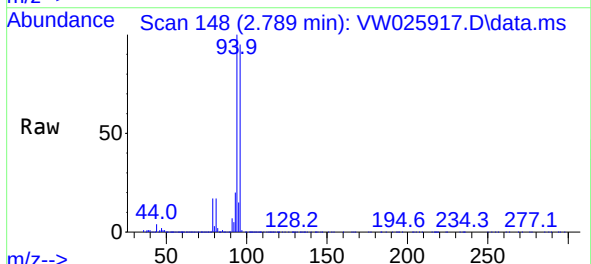
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

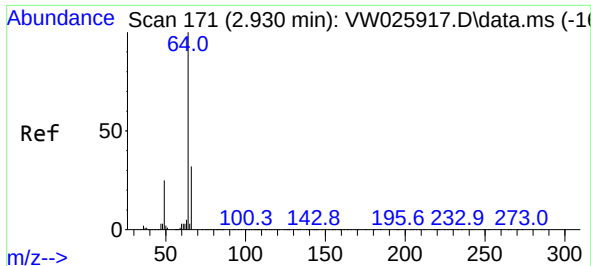
Tgt Ion: 62 Resp: 268484
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.3



#6
 Bromomethane
 Concen: 26.117 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025917.D
 Acq: 10 May 2023 09:15

Tgt Ion: 94 Resp: 144814
 Ion Ratio Lower Upper
 94 100
 96 95.4 63.1 117.1

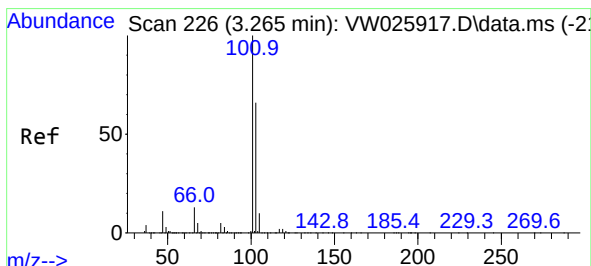
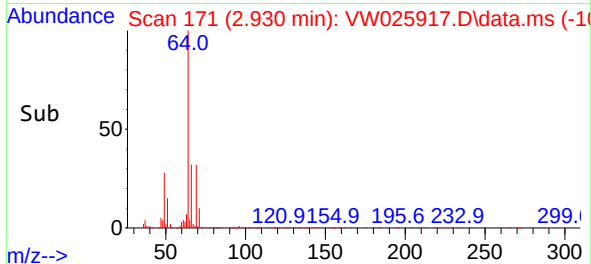
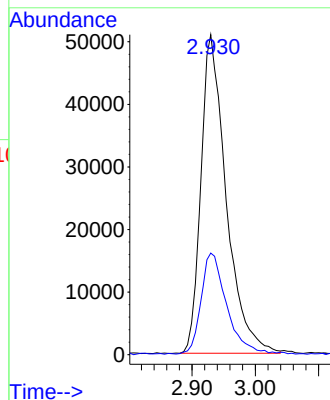
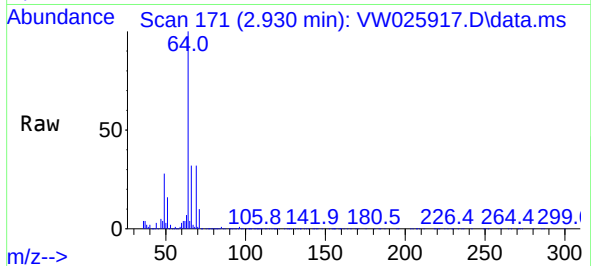




#8
Chloroethane
Concen: 24.374 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

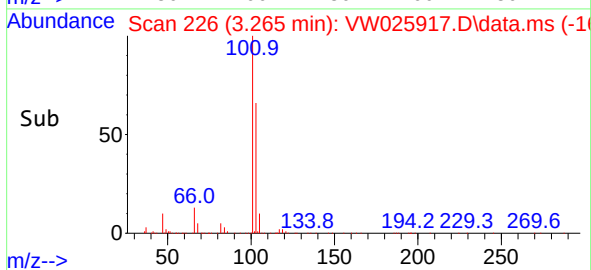
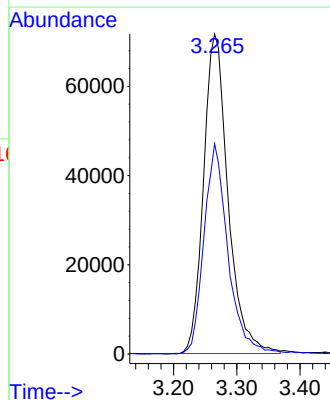
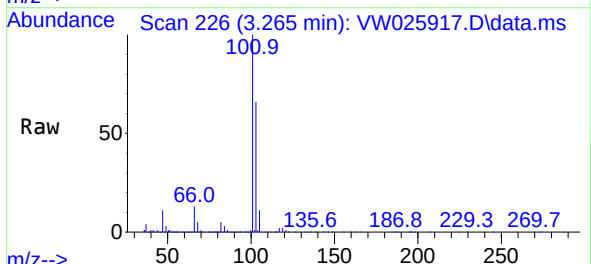
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

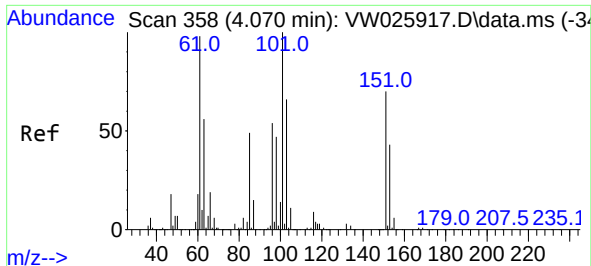
Tgt Ion: 64 Resp: 141291
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 25.090 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 101 Resp: 193035
Ion Ratio Lower Upper
101 100
103 63.7 50.6 76.0

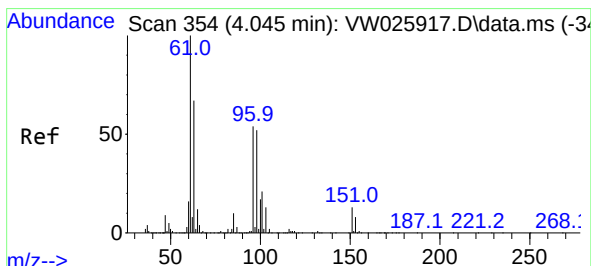
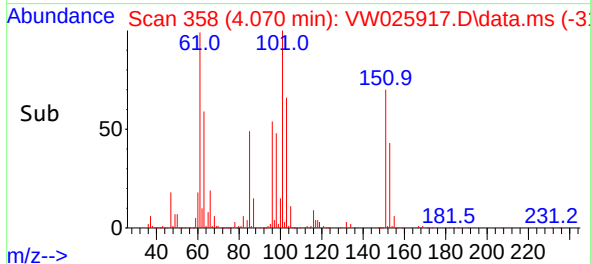
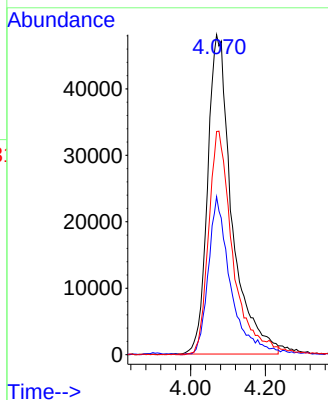
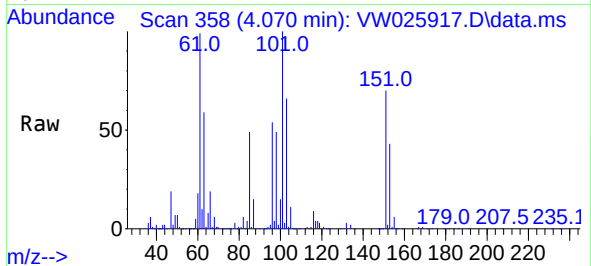




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.928 ug/L
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

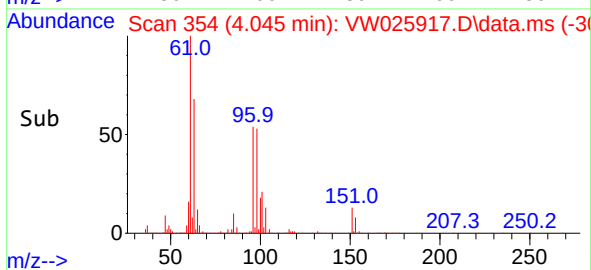
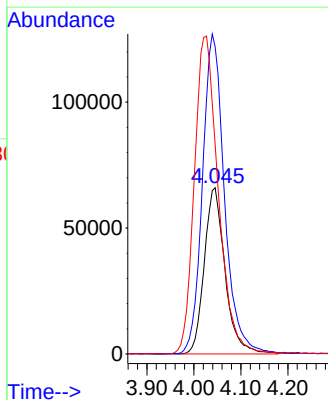
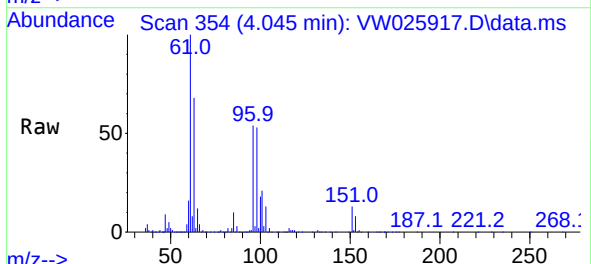
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

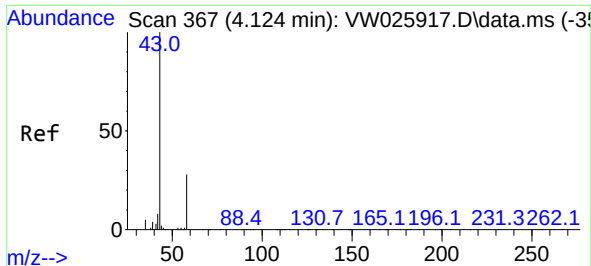
Tgt Ion:101 Resp: 216949
Ion Ratio Lower Upper
101 100
85 44.5 33.9 50.9
151 68.4 54.2 81.2



#12
1,1-Dichloroethene
Concen: 25.373 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 96 Resp: 202896
Ion Ratio Lower Upper
96 100
61 184.7 135.0 250.8
63 126.0 104.9 194.7

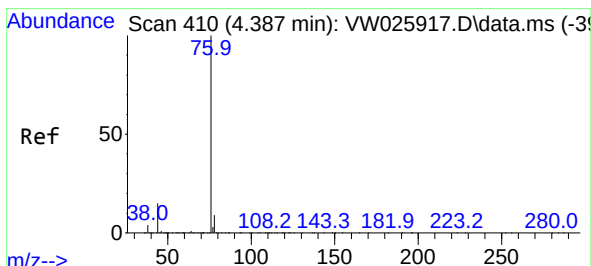
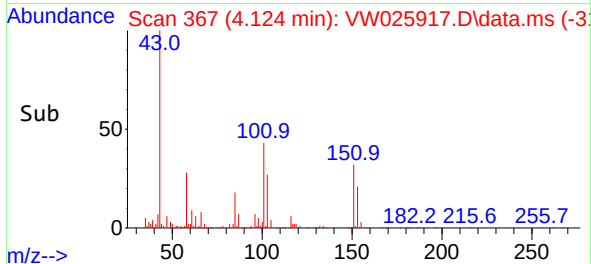
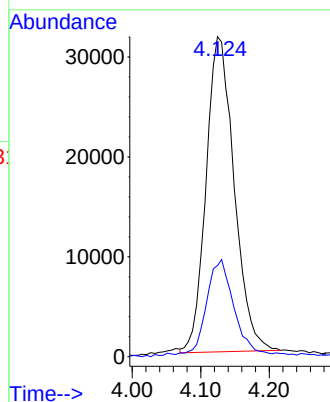
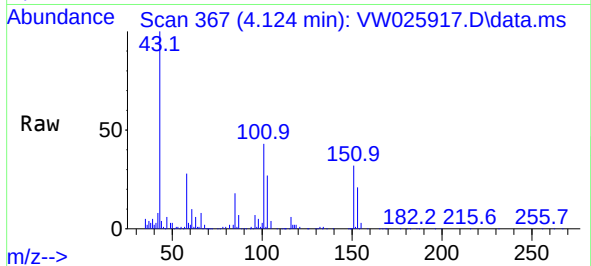




#13
Acetone
Concen: 36.219 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

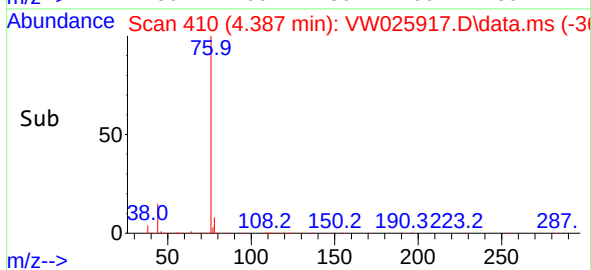
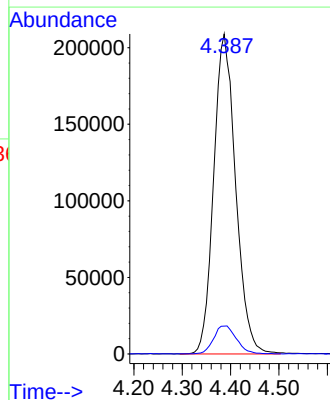
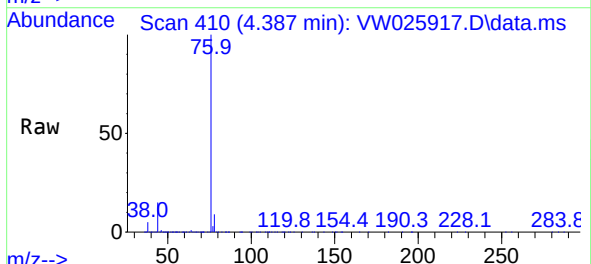
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

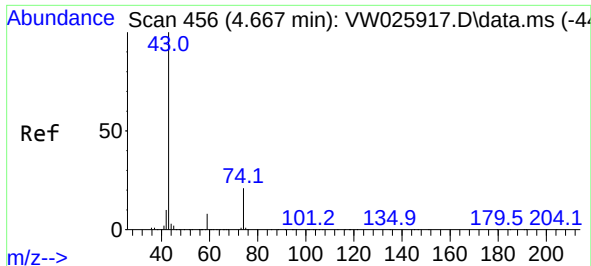
Tgt Ion: 43 Resp: 89955
Ion Ratio Lower Upper
43 100
58 28.6 0.0 58.2



#14
Carbon disulfide
Concen: 24.352 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 76 Resp: 658530
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

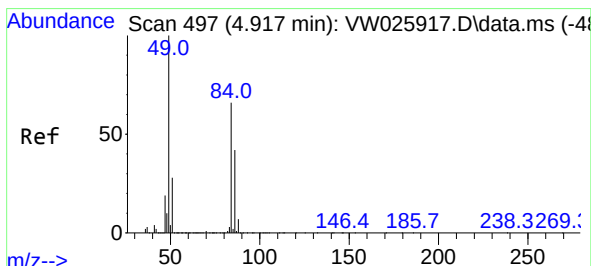
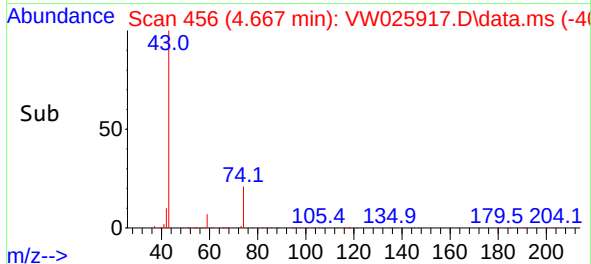
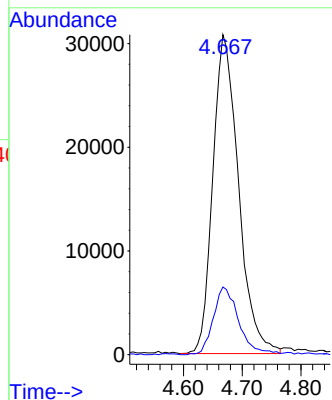
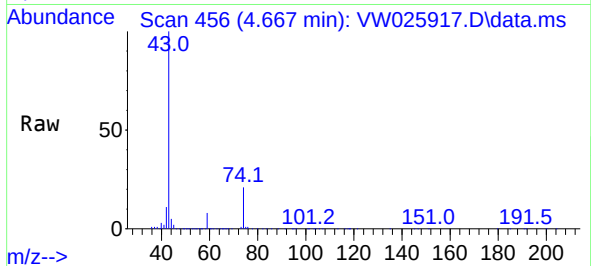




#15
Methyl Acetate
Concen: 19.053 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

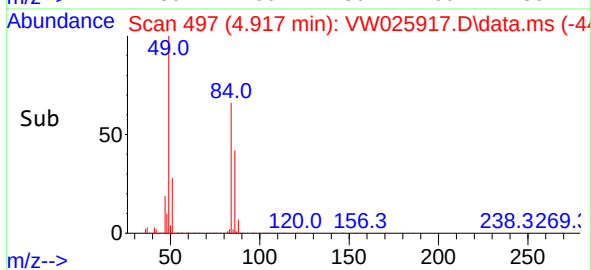
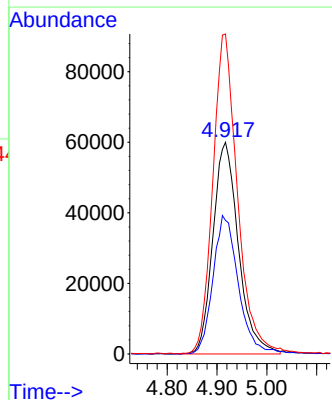
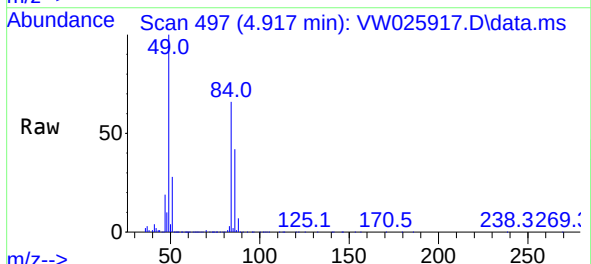
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

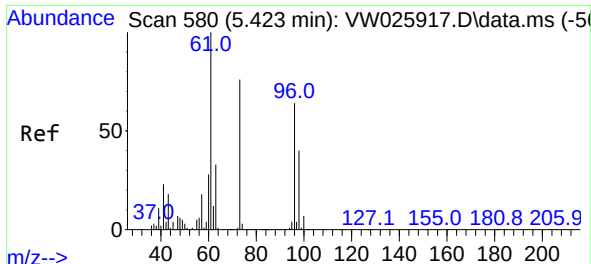
Tgt Ion: 43 Resp: 93253
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7



#16
Methylene chloride
Concen: 17.308 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 84 Resp: 213419
Ion Ratio Lower Upper
84 100
86 63.1 41.7 77.5
49 151.2 95.3 177.1



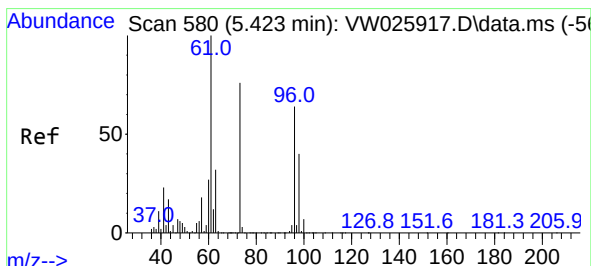
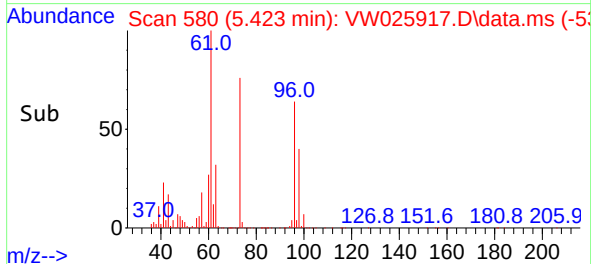
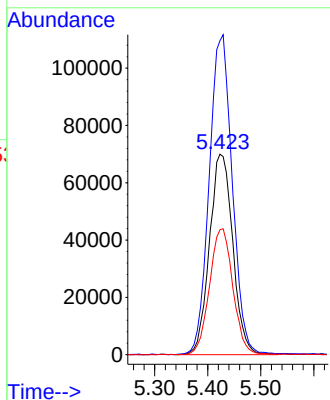
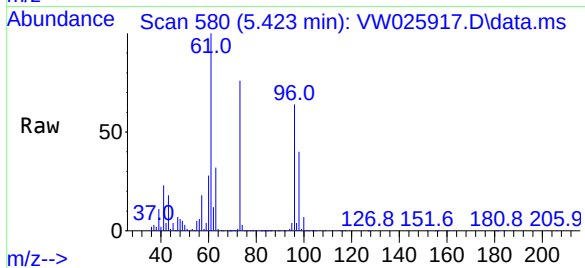


#17
trans-1,2-Dichloroethene
Concen: 24.563 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Tgt Ion: 96 Resp: 214272

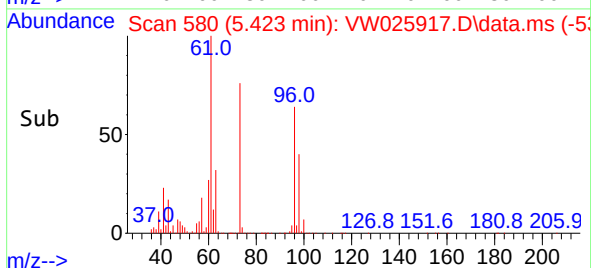
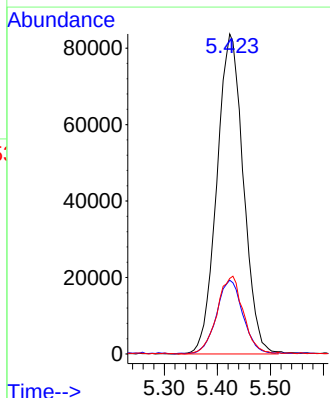
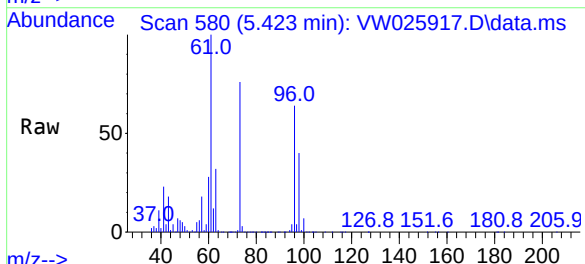
Ion	Ratio	Lower	Upper
96	100		
61	156.6	108.1	200.9
98	62.3	44.0	81.8

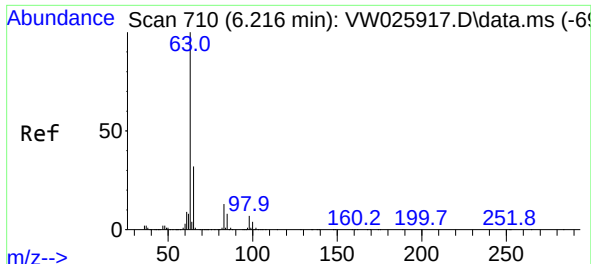


#18
Methyl tert-butyl Ether
Concen: 21.939 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 73 Resp: 290476

Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.2	27.4
57	24.0	19.2	28.8

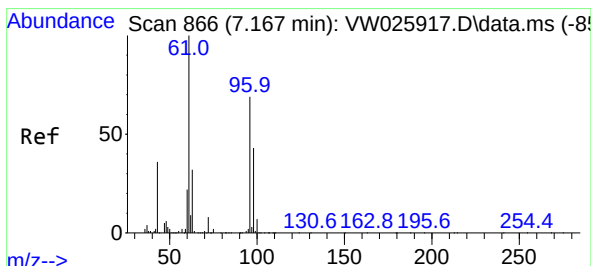
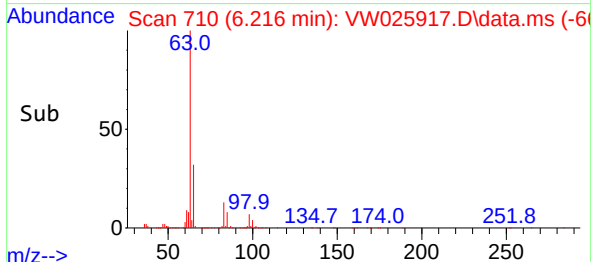
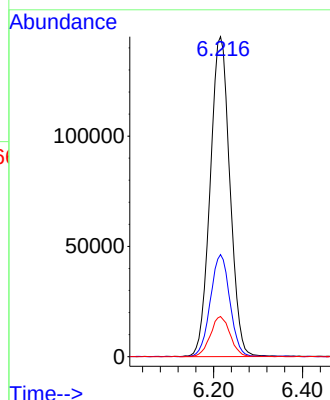
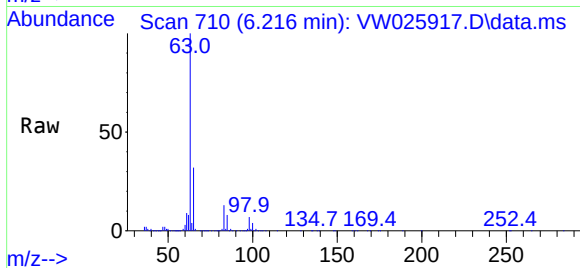




#19
1,1-Dichloroethane
Concen: 24.871 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

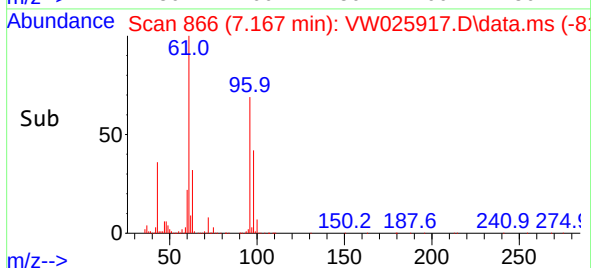
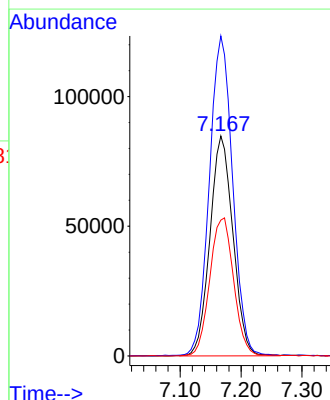
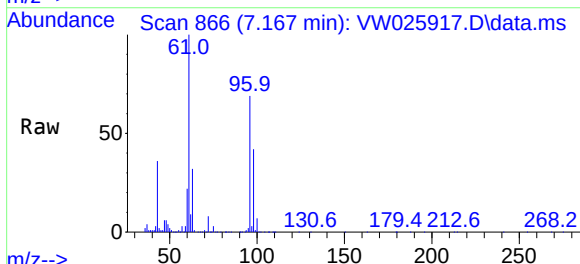
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

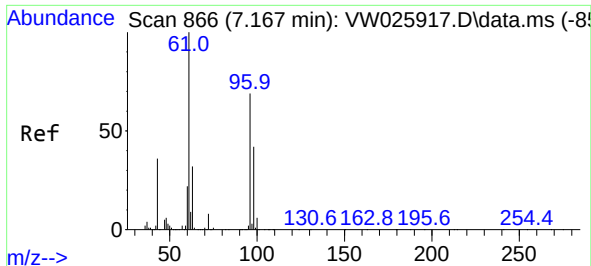
Tgt Ion: 63 Resp: 445755
Ion Ratio Lower Upper
63 100
65 31.9 22.4 41.6
83 12.5 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 23.815 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 96 Resp: 222887
Ion Ratio Lower Upper
96 100
61 145.4 98.6 183.0
98 61.7 45.2 84.0

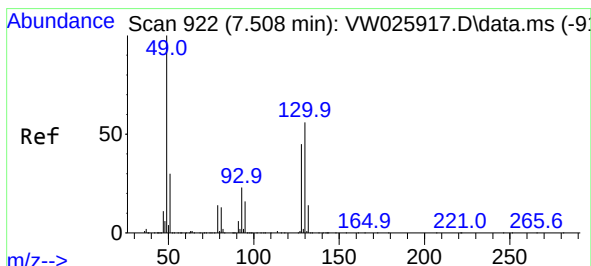
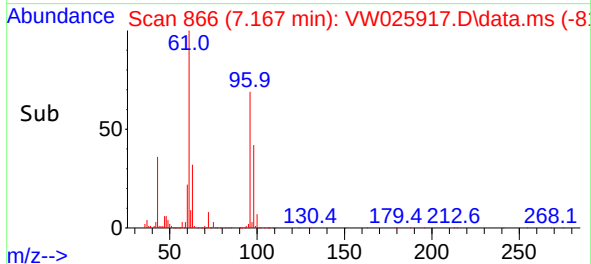
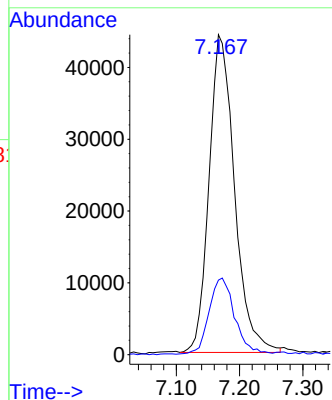
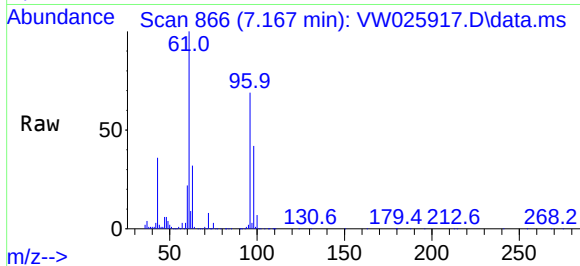




#22
2-Butanone
Concen: 36.128 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

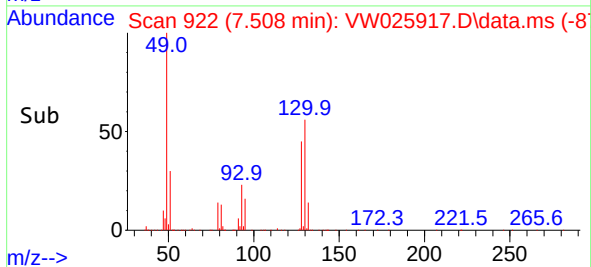
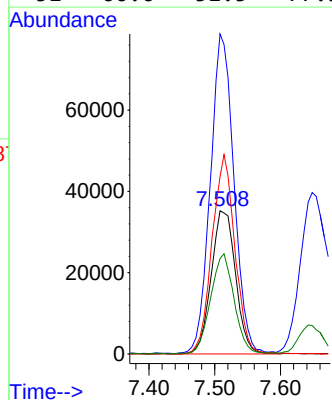
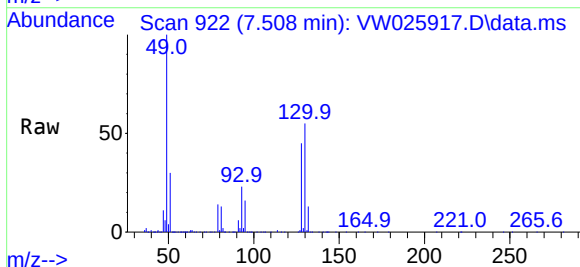
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

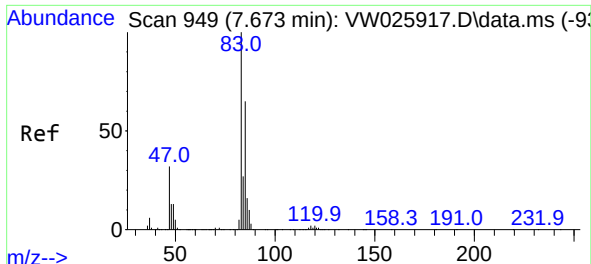
Tgt Ion: 43 Resp: 123899
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#23
Bromochloromethane
Concen: 22.986 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 128 Resp: 91137
Ion Ratio Lower Upper
128 100
49 223.5 151.5 281.5
130 123.8 91.3 169.6
51 66.6 51.5 77.3

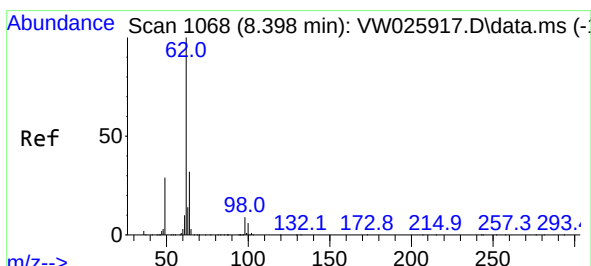
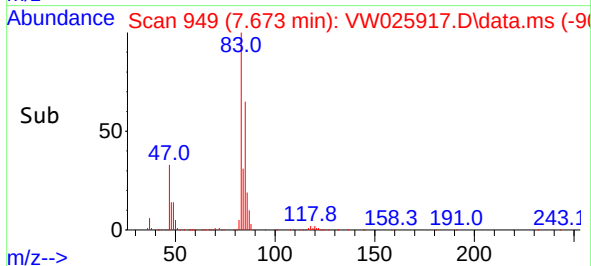
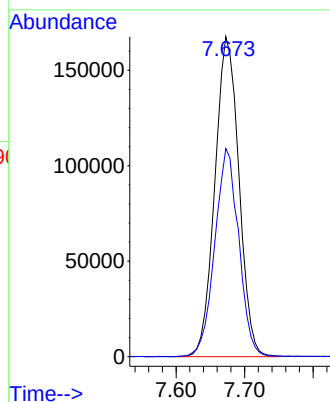
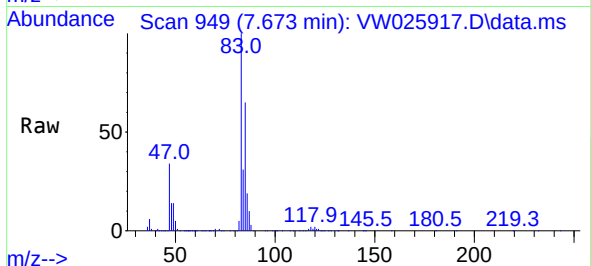




#25
Chloroform
Concen: 24.787 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

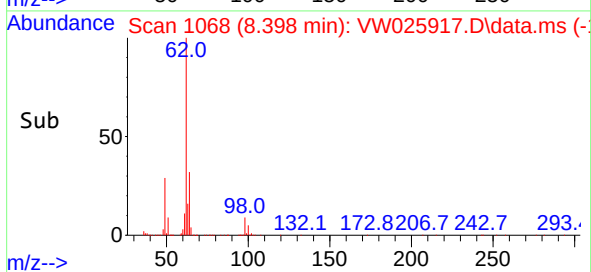
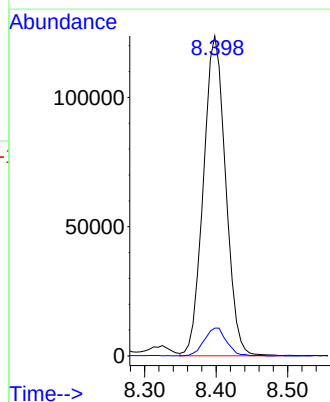
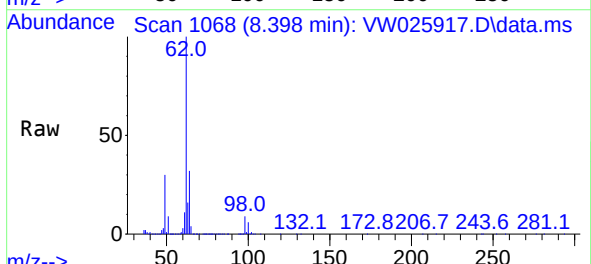
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

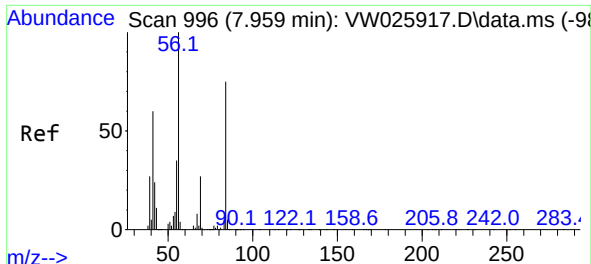
Tgt Ion: 83 Resp: 408315
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 22.884 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 62 Resp: 267713
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#29

Cyclohexane

Concen: 25.587 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

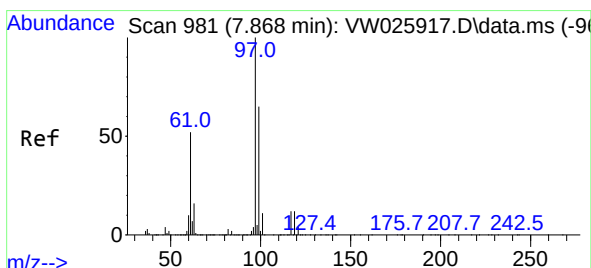
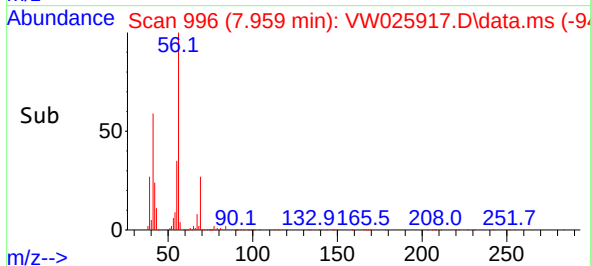
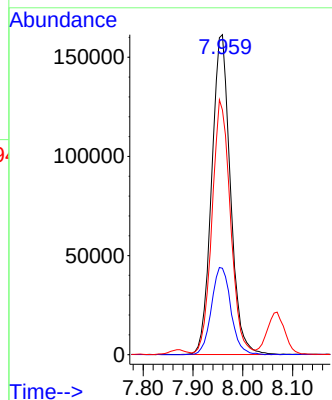
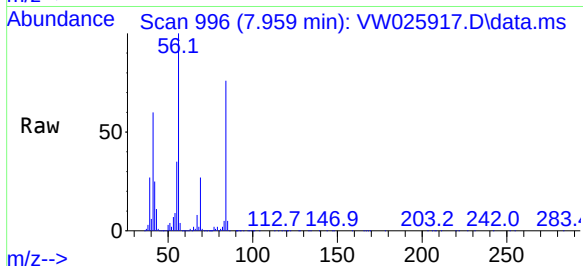
Tgt Ion: 56 Resp: 421678

Ion Ratio Lower Upper

56 100

69 28.3 23.4 35.0

84 78.5 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 25.315 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

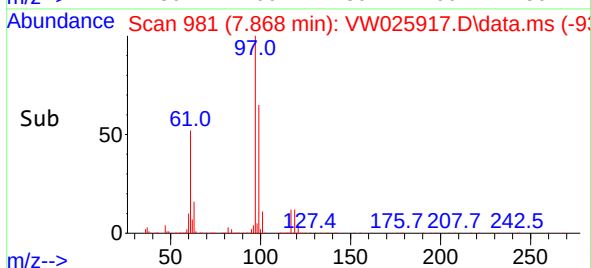
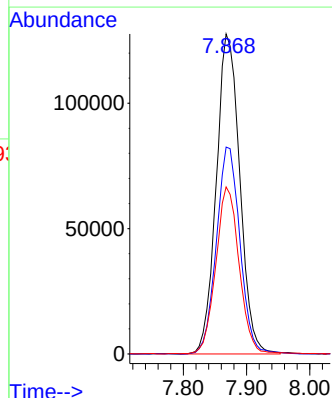
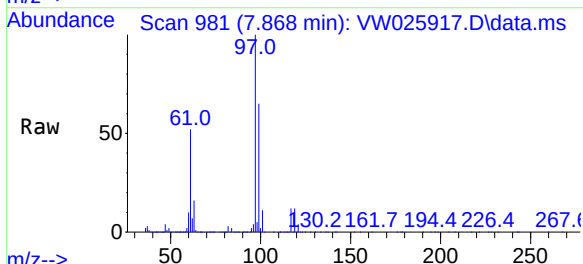
Tgt Ion: 97 Resp: 329244

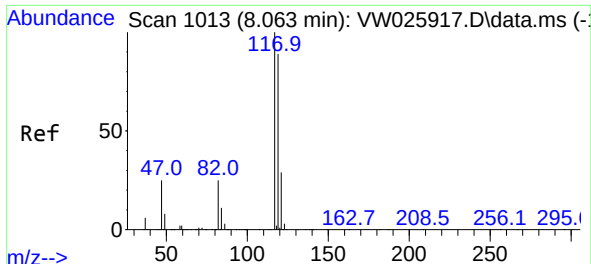
Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

61 51.8 40.4 60.6

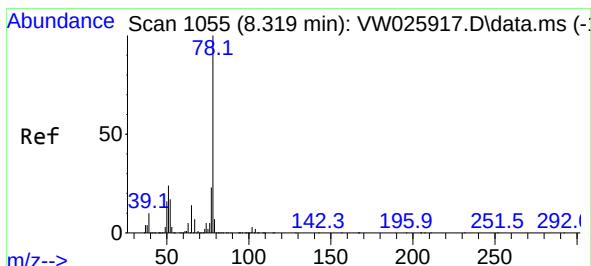
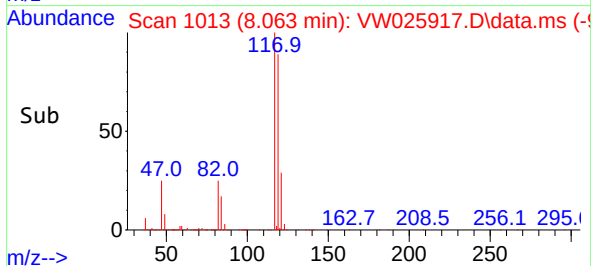
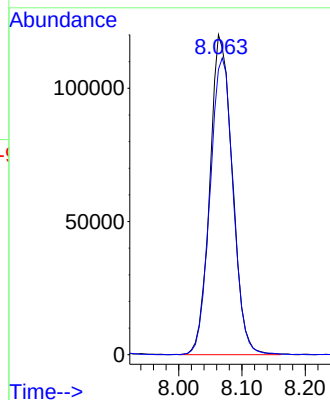
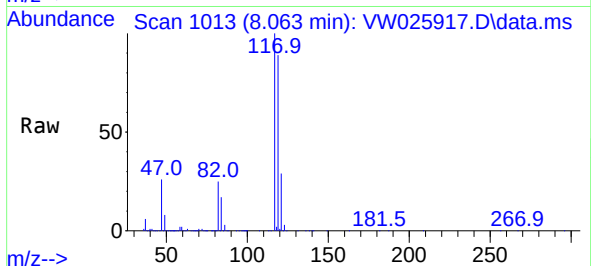




#31
Carbon tetrachloride
Concen: 25.442 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

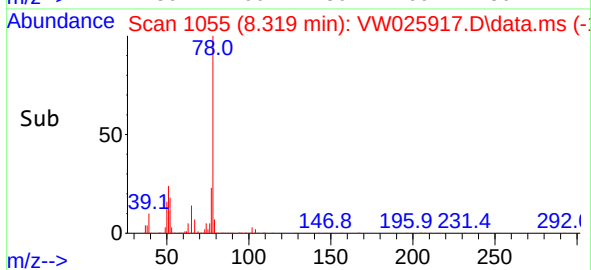
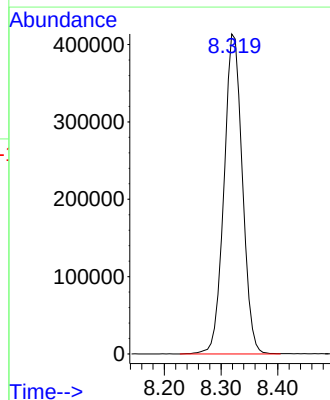
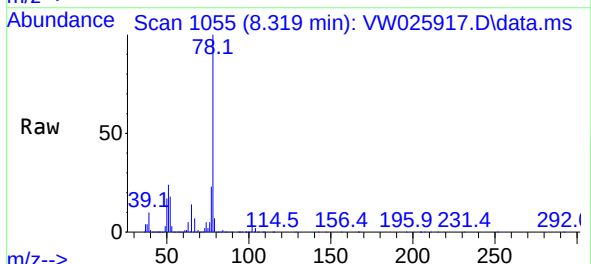
Instrument : MSVOA_W
ClientSampleId : VSTD025483

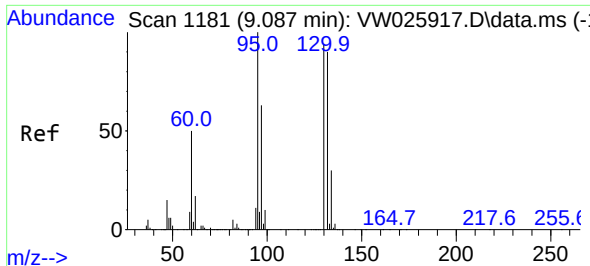
Tgt Ion:117 Resp: 297784
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 25.337 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 78 Resp: 932235



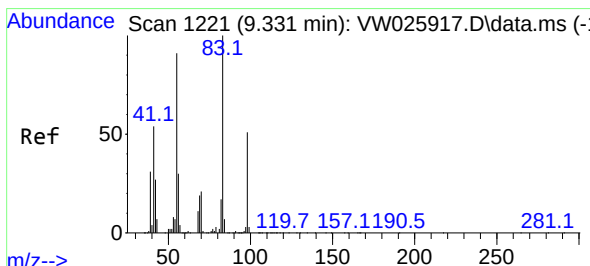
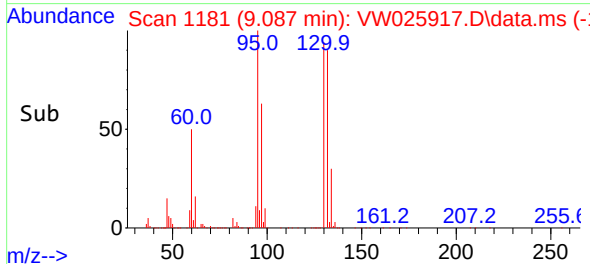
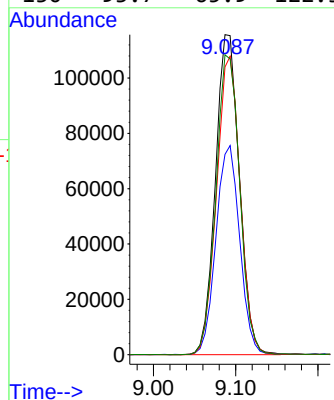
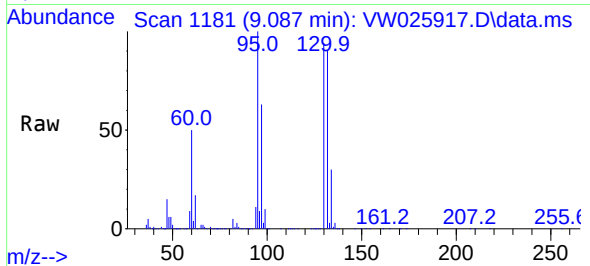


#34
Trichloroethene
Concen: 24.907 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Tgt Ion: 95 Resp: 235156

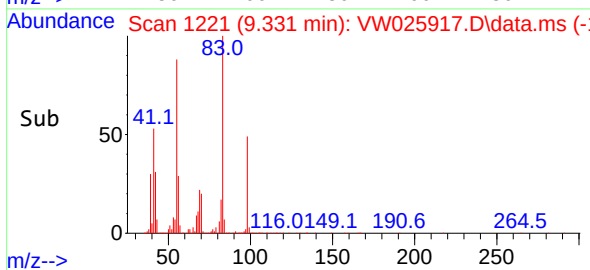
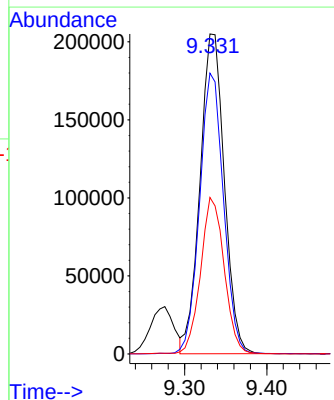
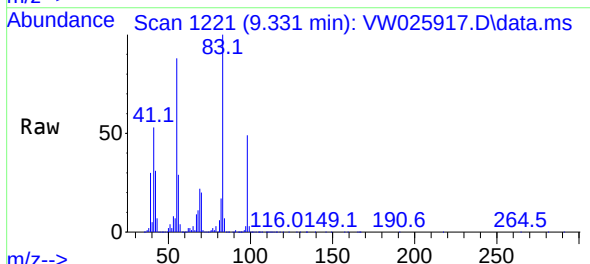
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.9	85.3
132	89.9	66.0	122.6
130	93.7	65.9	122.3

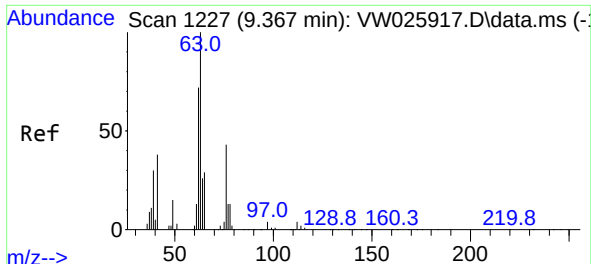


#35
Methylcyclohexane
Concen: 25.077 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 83 Resp: 421107

Ion	Ratio	Lower	Upper
83	100		
55	86.4	69.0	103.4
98	47.6	37.1	55.7





#37

1,2-Dichloropropane

Concen: 24.480 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

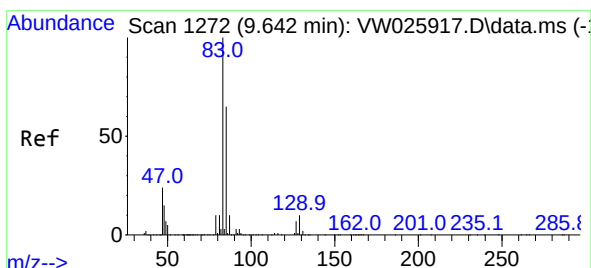
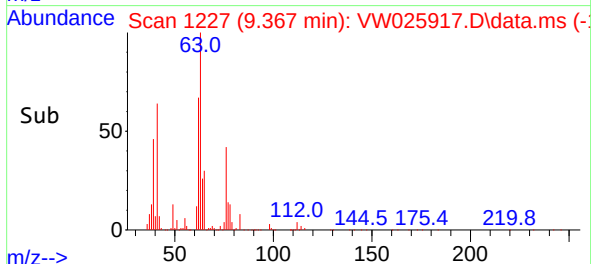
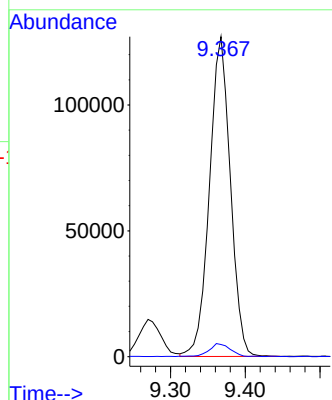
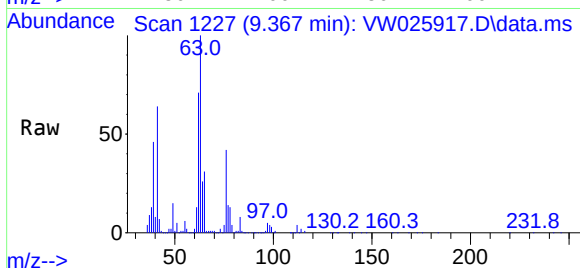
VSTD025483

Tgt Ion: 63 Resp: 246767

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 24.145 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

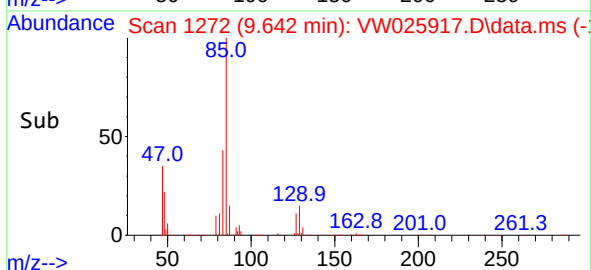
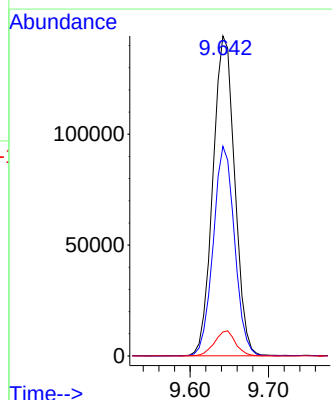
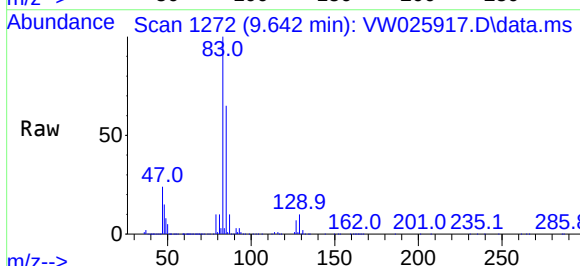
Tgt Ion: 83 Resp: 279234

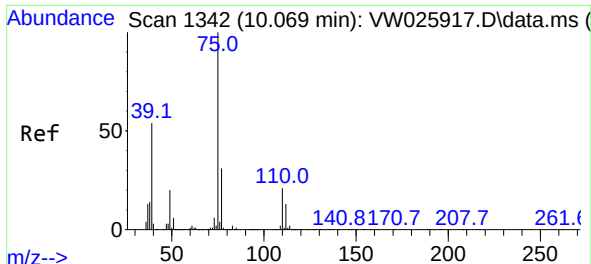
Ion Ratio Lower Upper

83 100

85 65.5 44.4 82.5

127 7.5 6.5 9.7

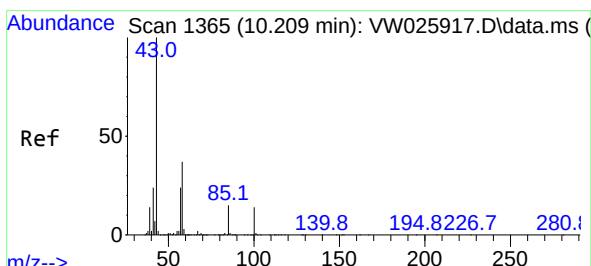
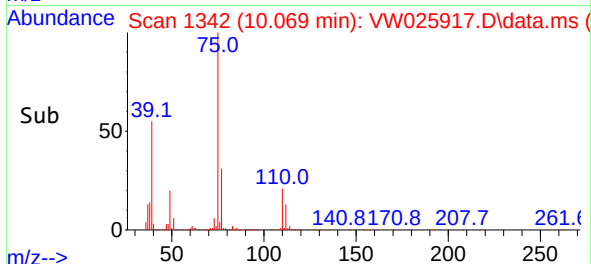
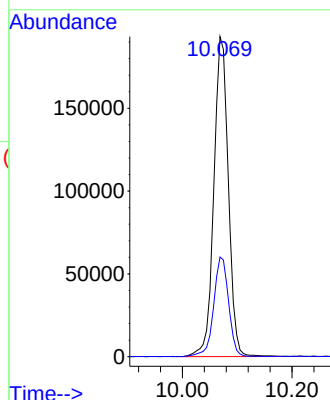
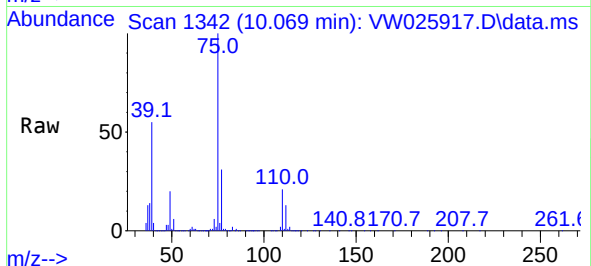




#39
cis-1,3-Dichloropropene
Concen: 23.944 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

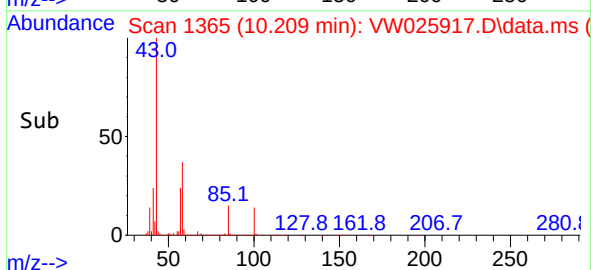
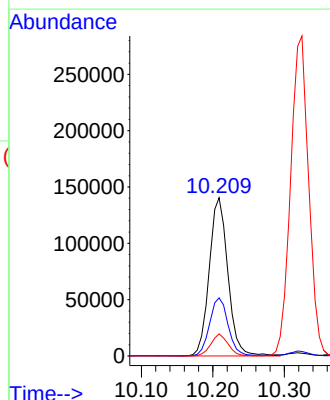
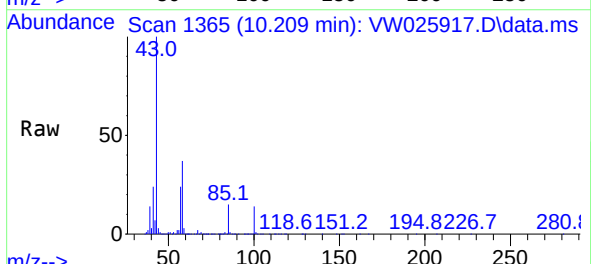
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

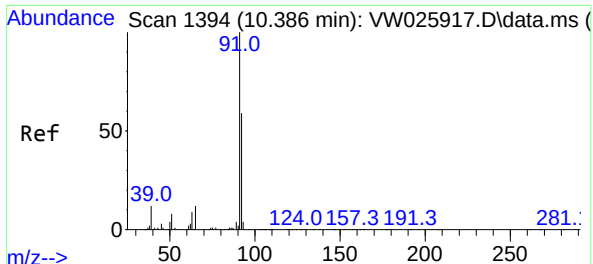
Tgt Ion: 75 Resp: 353952
Ion Ratio Lower Upper
75 100
77 31.1 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 38.802 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 43 Resp: 254599
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
100 12.9 10.1 15.1





#42

Toluene

Concen: 25.345 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

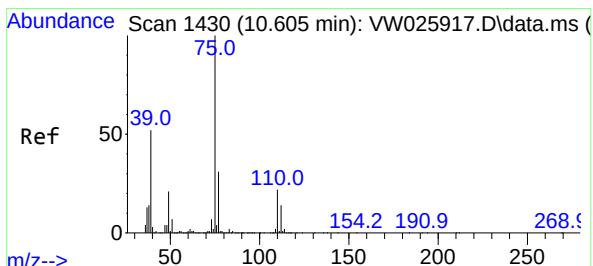
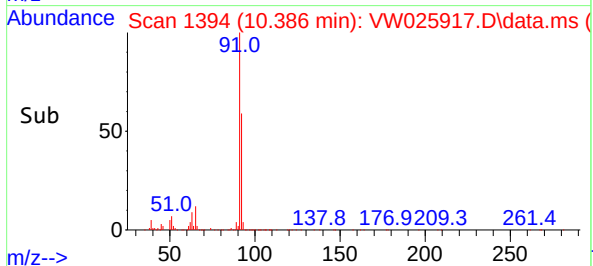
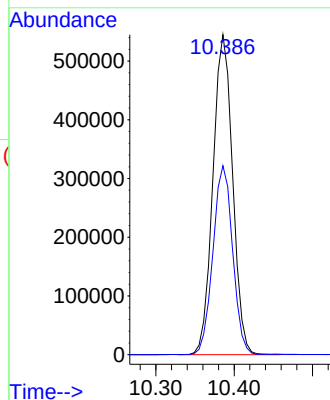
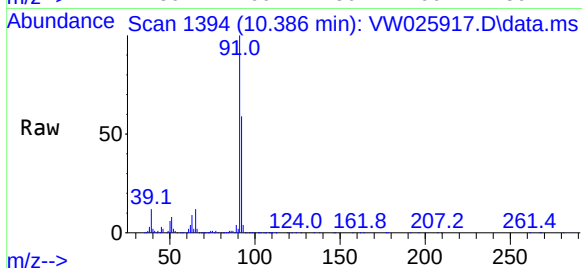
VSTD025483

Tgt Ion: 91 Resp: 952844

Ion Ratio Lower Upper

91 100

92 59.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 23.356 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025917.D

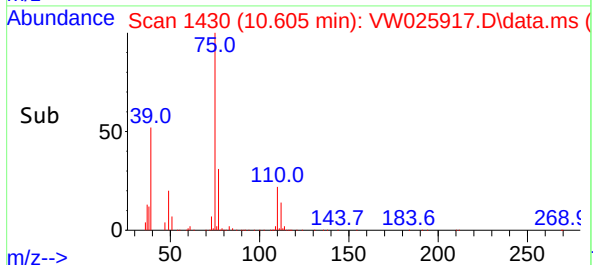
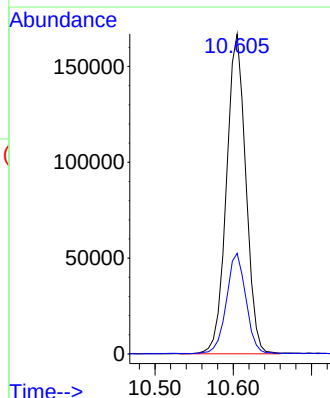
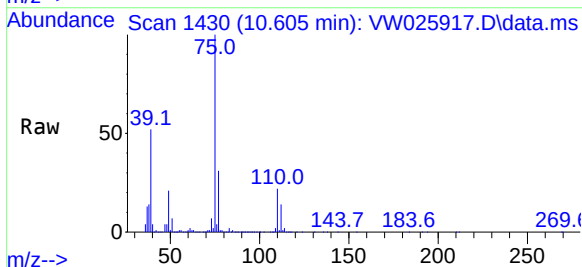
Acq: 10 May 2023 09:15

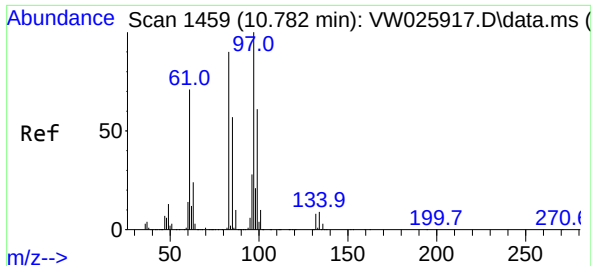
Tgt Ion: 75 Resp: 286085

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



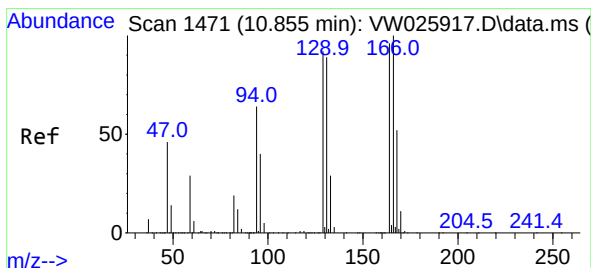
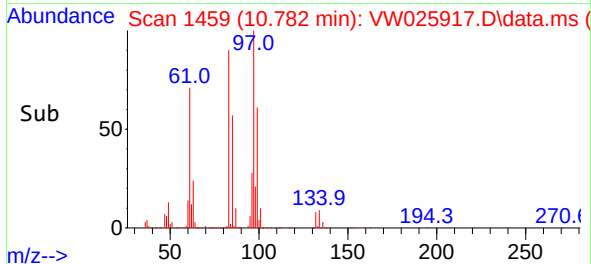
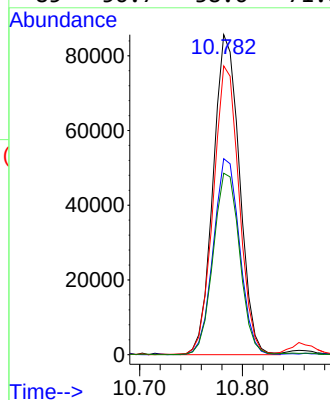
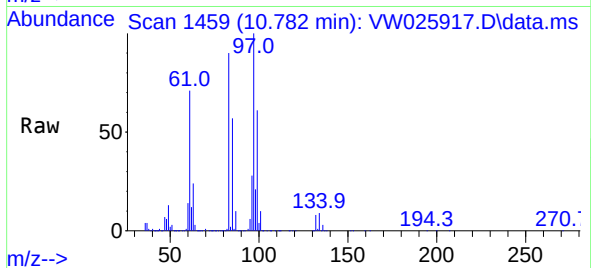


#45
1,1,2-Trichloroethane
Concen: 22.590 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Tgt Ion: 97 Resp: 152330

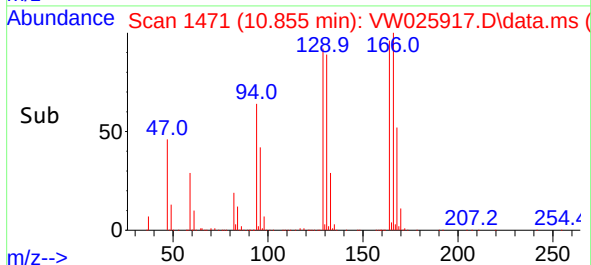
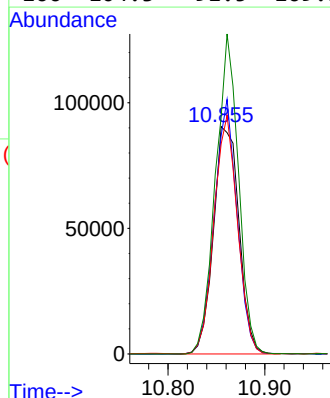
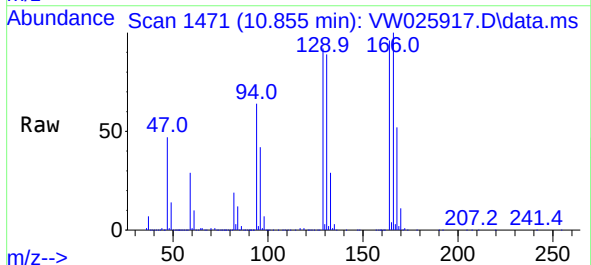
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.5	82.7
83	90.3	63.0	117.0
85	56.7	38.6	71.8

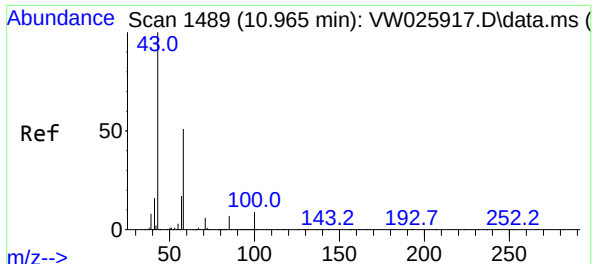


#46
Tetrachloroethene
Concen: 24.965 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 164 Resp: 165820

Ion	Ratio	Lower	Upper
164	100		
129	96.1	74.3	138.1
131	92.5	71.3	132.3
166	104.3	91.5	169.9



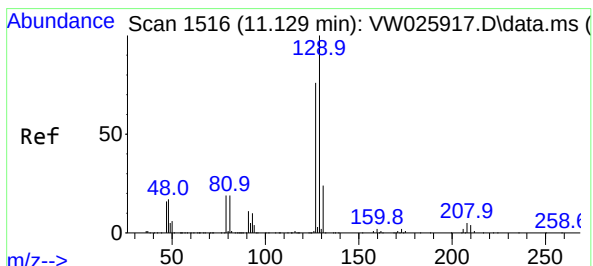
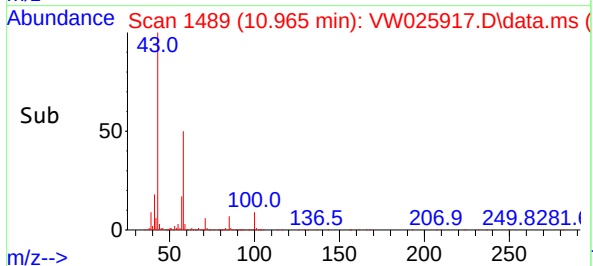
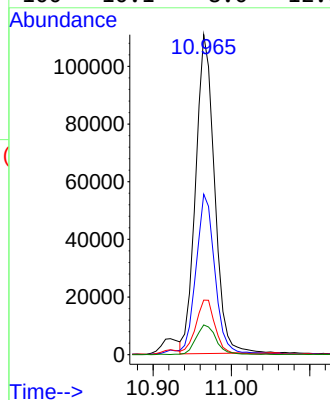
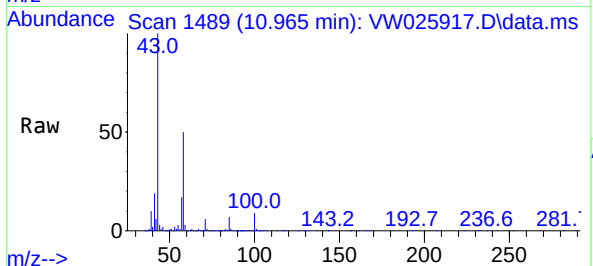


#48
2-Hexanone
Concen: 39.464 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Tgt Ion: 43 Resp: 185500

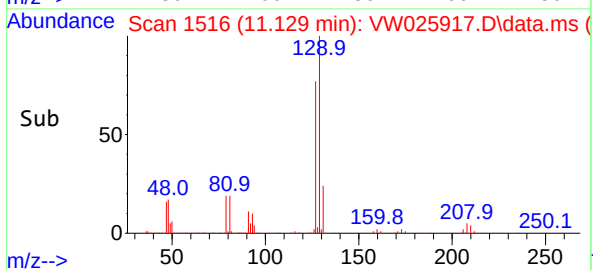
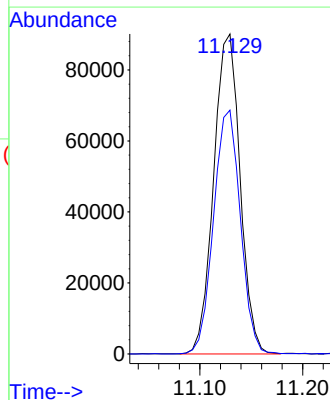
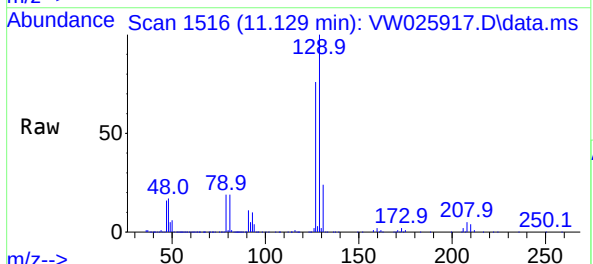
Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.8	61.2
57	17.6	13.6	20.4
100	10.1	8.0	12.0

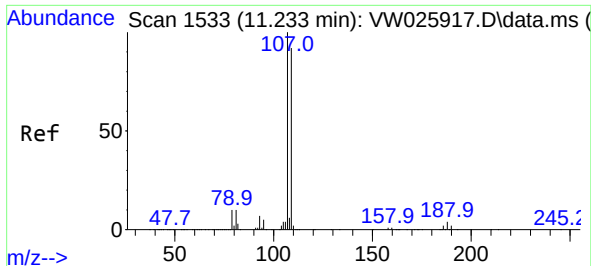


#49
Dibromochloromethane
Concen: 23.072 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 129 Resp: 161065

Ion	Ratio	Lower	Upper
129	100		
127	76.2	56.1	104.3

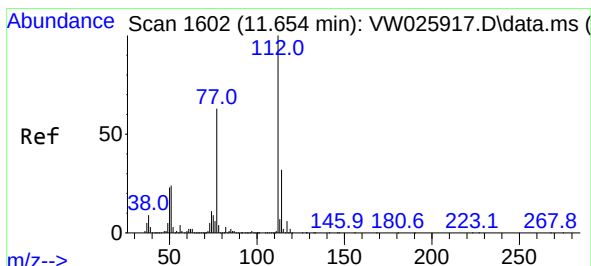
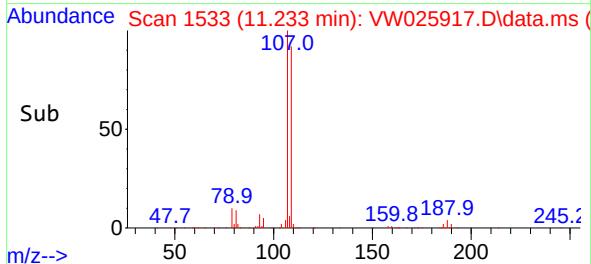
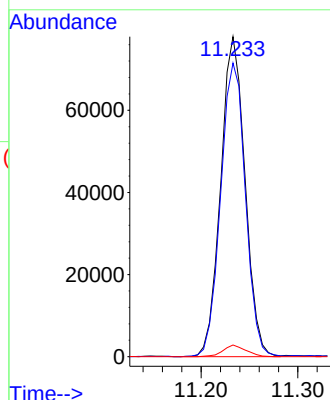
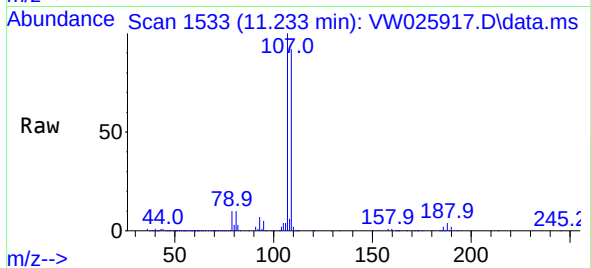




#50
1,2-Dibromoethane
Concen: 21.891 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

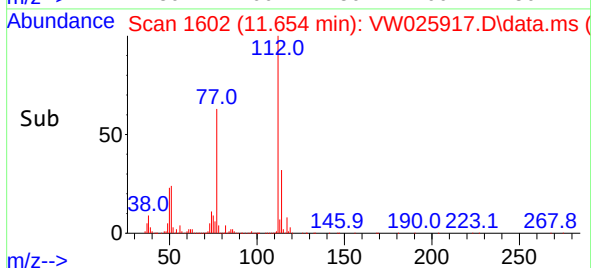
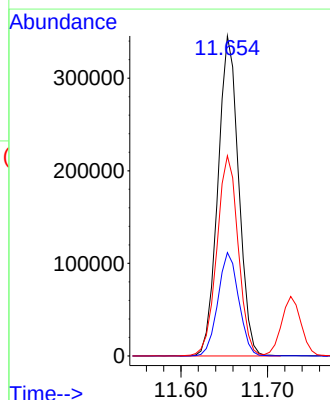
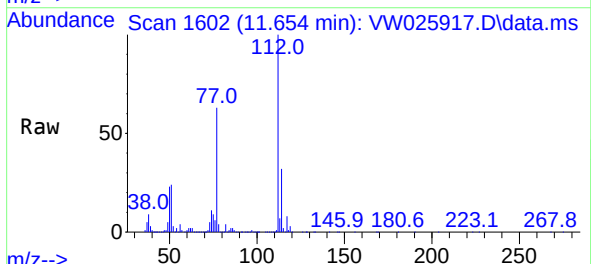
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

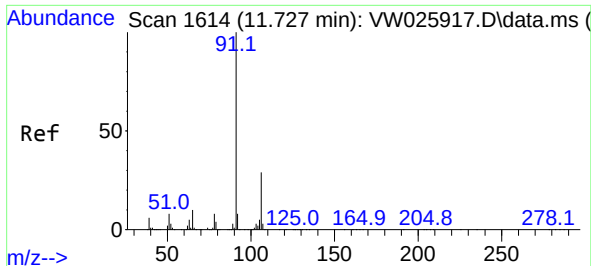
Tgt Ion:107 Resp: 136079
Ion Ratio Lower Upper
107 100
109 91.8 67.5 125.4
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 24.667 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:112 Resp: 574487
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 62.6 53.0 79.6

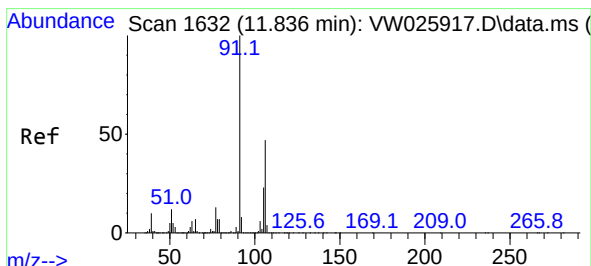
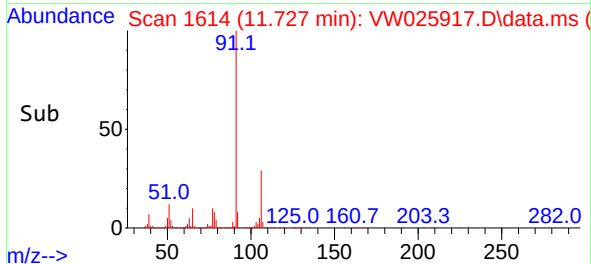
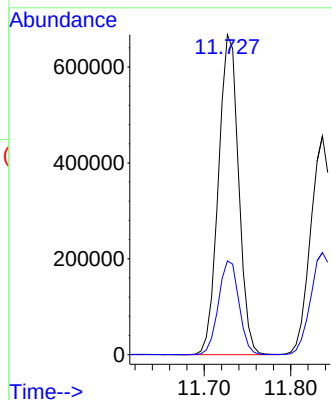
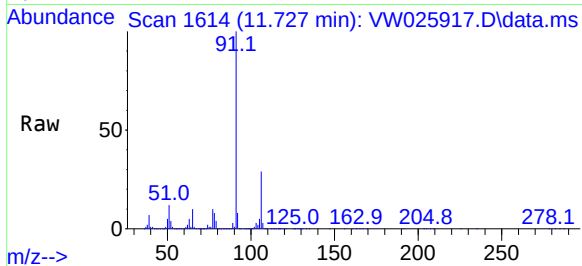




#52
Ethylbenzene
Concen: 25.572 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

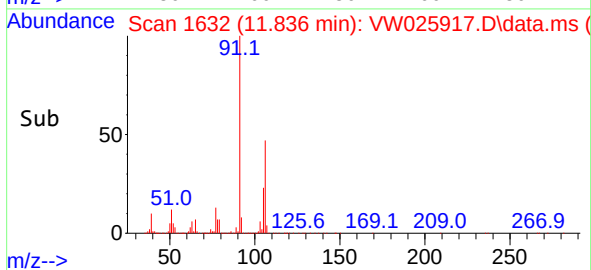
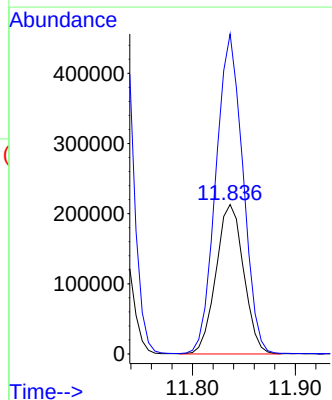
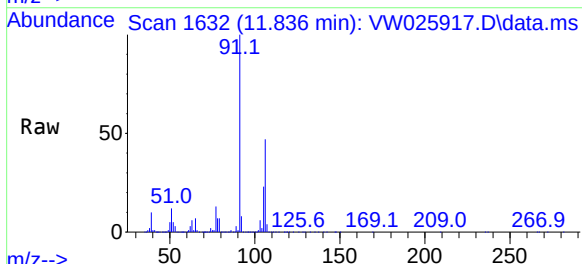
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

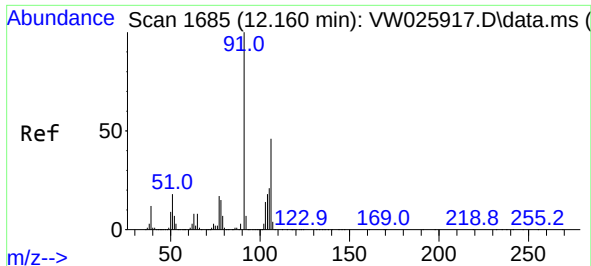
Tgt Ion: 91 Resp: 1081406
Ion Ratio Lower Upper
91 100
106 29.3 20.8 38.6



#53
m,p-Xylene
Concen: 25.598 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:106 Resp: 398419
Ion Ratio Lower Upper
106 100
91 214.0 150.1 278.9

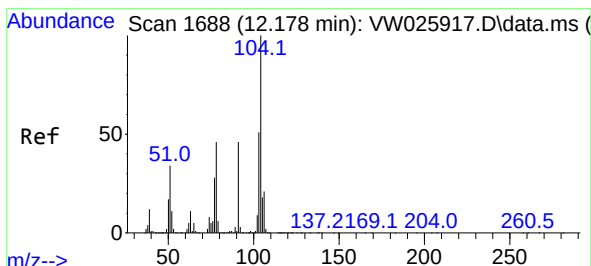
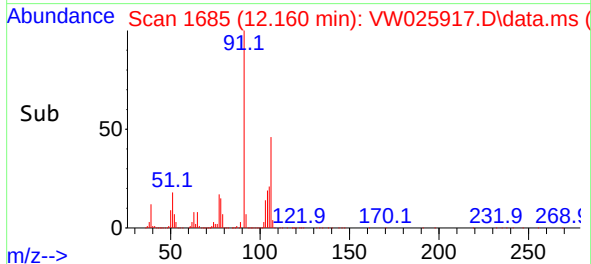
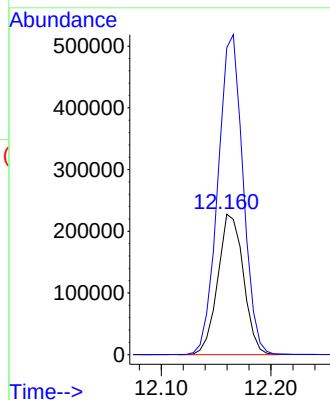
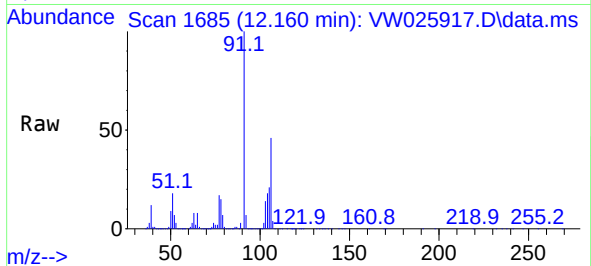




#54
o-Xylene
Concen: 25.199 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

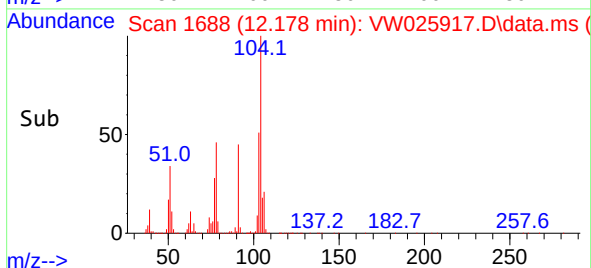
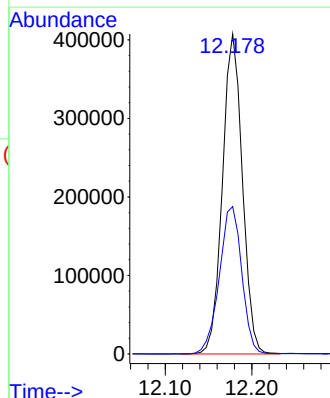
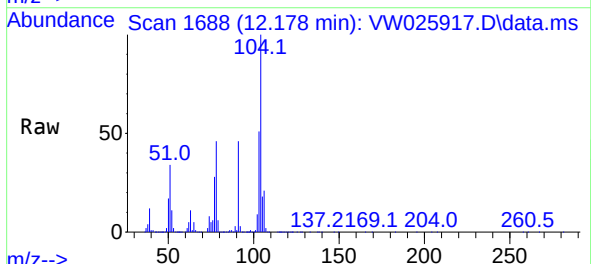
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

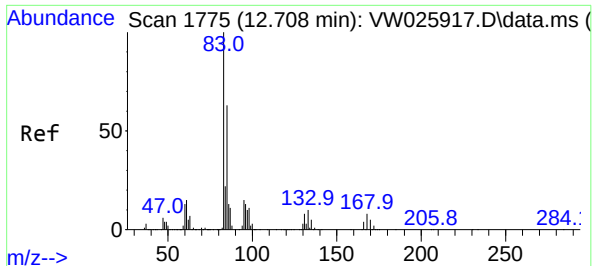
Tgt Ion:106 Resp: 369680
Ion Ratio Lower Upper
106 100
91 218.5 157.8 293.1



#55
Styrene
Concen: 25.948 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:104 Resp: 651552
Ion Ratio Lower Upper
104 100
78 46.1 33.4 62.0

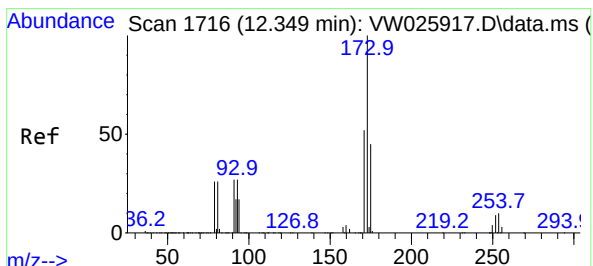
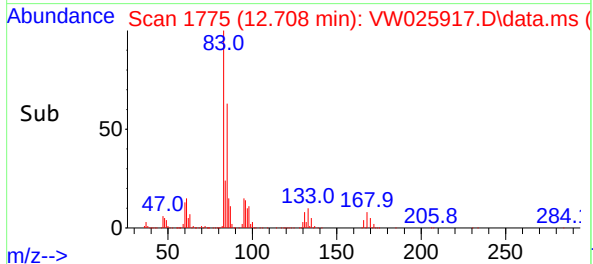
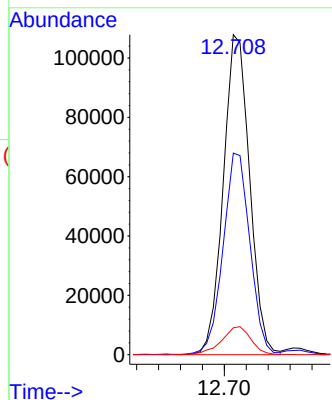
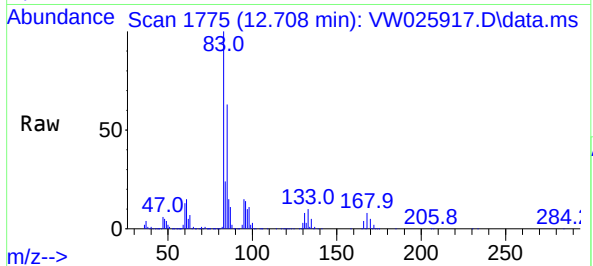




#57
1,1,2-Tetrachloroethane
Concen: 21.423 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

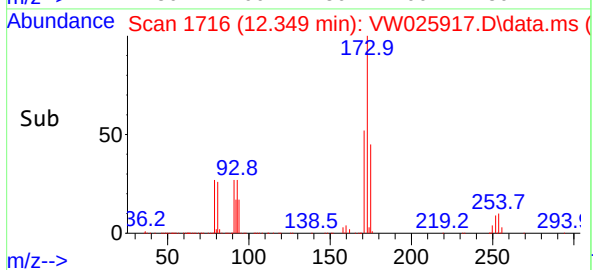
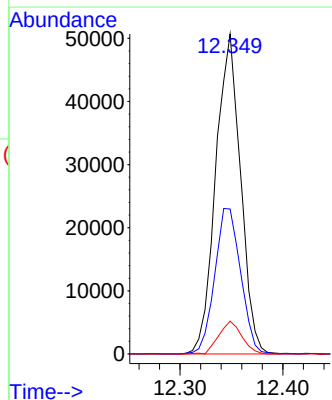
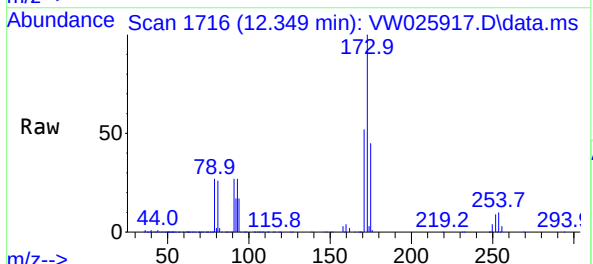
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

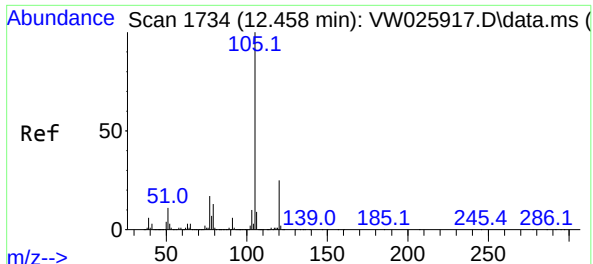
Tgt Ion: 83 Resp: 180246
Ion Ratio Lower Upper
83 100
85 63.0 45.6 84.8
131 8.4 8.1 12.1



#59
Bromoform
Concen: 21.198 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:173 Resp: 85153
Ion Ratio Lower Upper
173 100
175 47.3 38.6 57.8
254 9.4 7.6 11.4

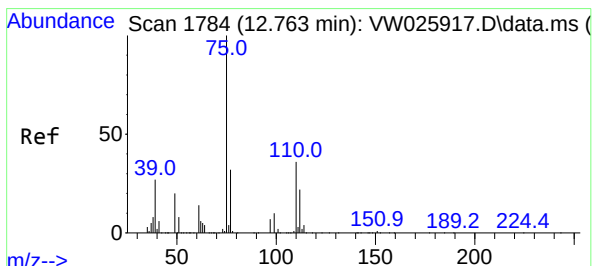
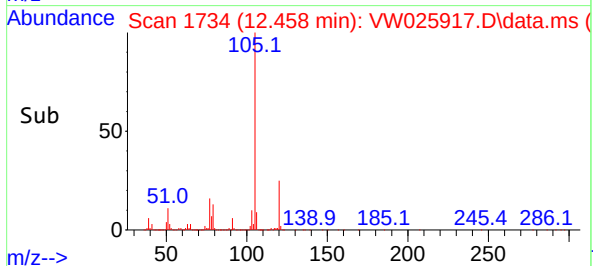
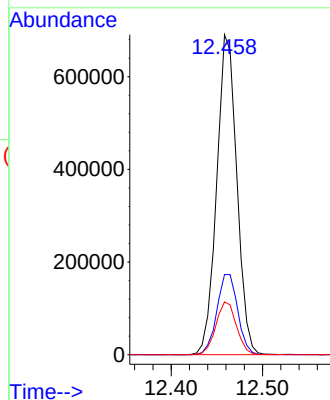
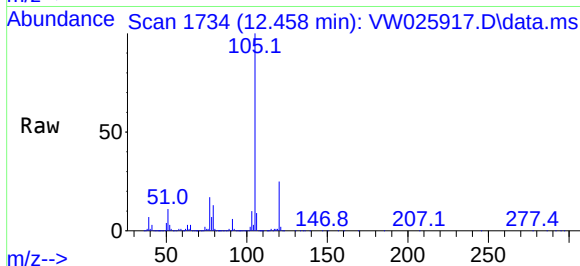




#60
Isopropylbenzene
Concen: 25.663 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

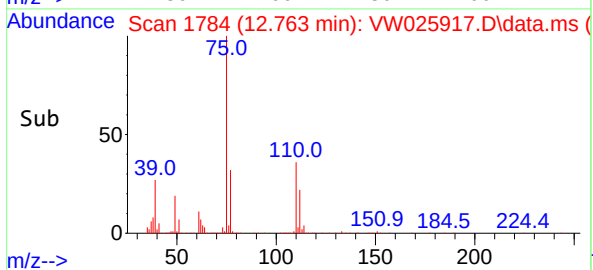
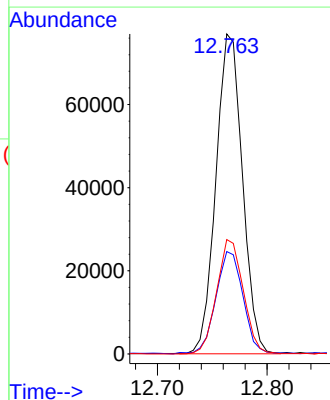
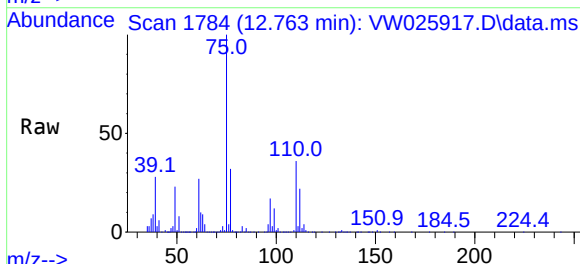
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

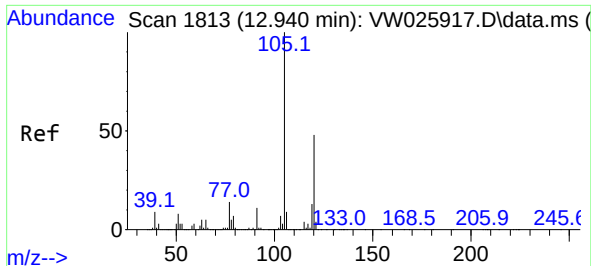
Tgt Ion:105 Resp: 1057920
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 16.8 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 20.183 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 75 Resp: 129364
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
110 35.9 27.6 41.4

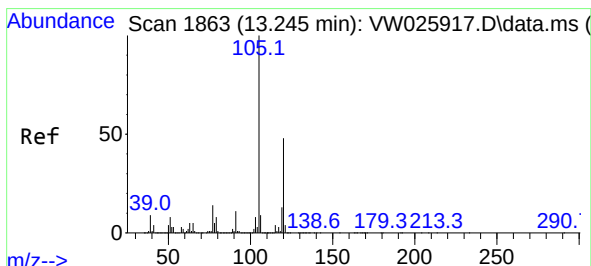
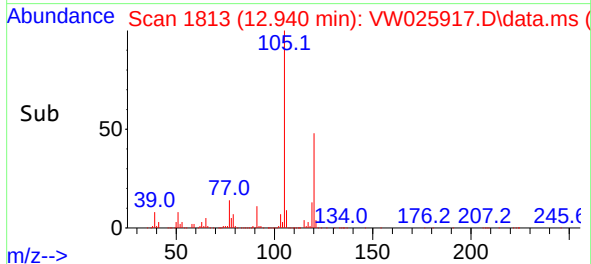
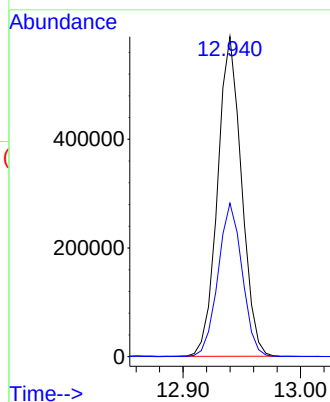
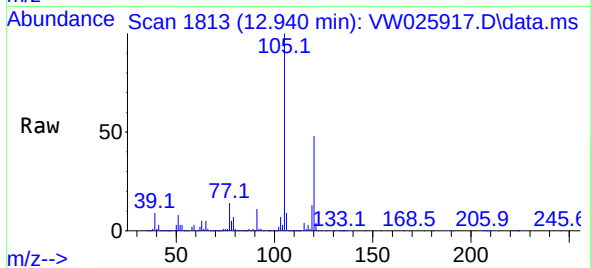




#62
1,3,5-Trimethylbenzene
Concen: 25.516 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

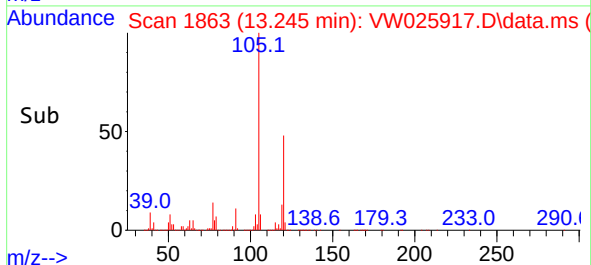
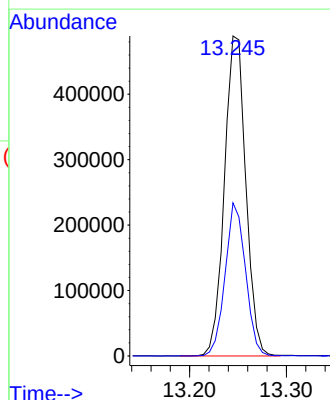
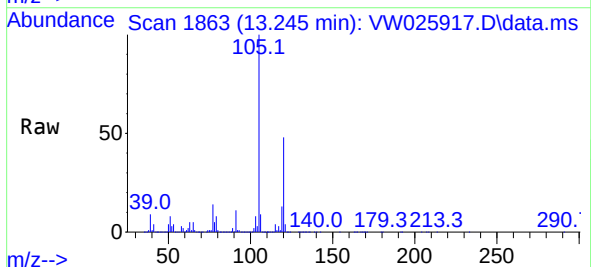
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

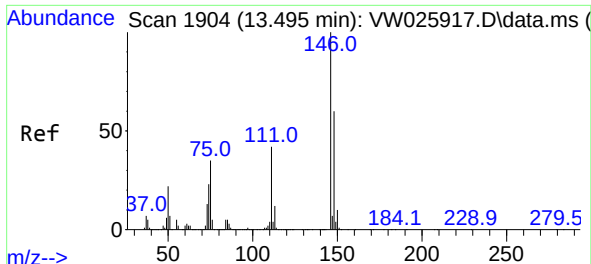
Tgt Ion:105 Resp: 833116
Ion Ratio Lower Upper
105 100
120 48.5 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 24.930 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:105 Resp: 751157
Ion Ratio Lower Upper
105 100
120 45.5 34.7 52.1

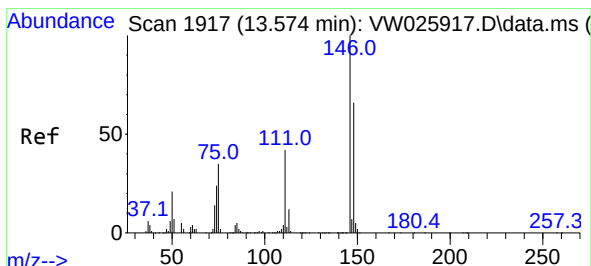
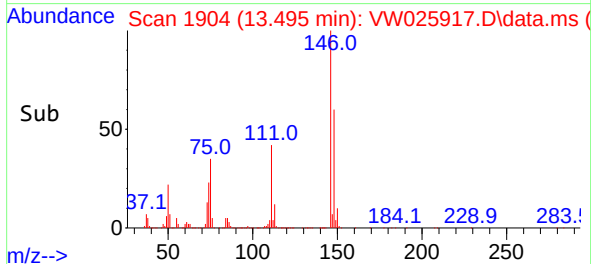
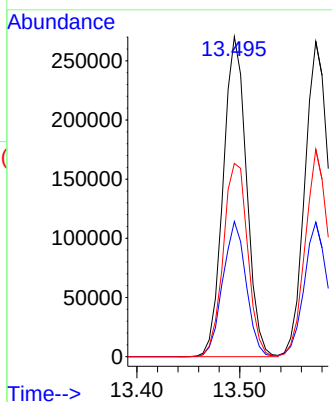
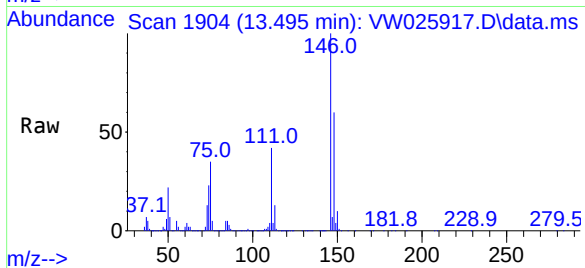




#64
1,3-Dichlorobenzene
Concen: 24.036 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

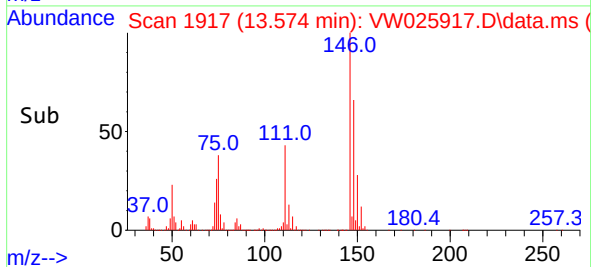
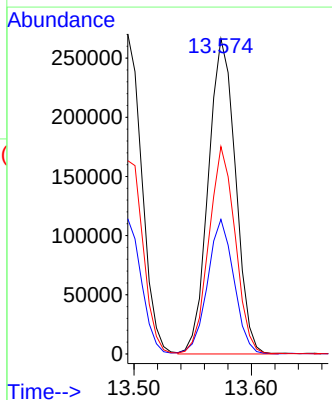
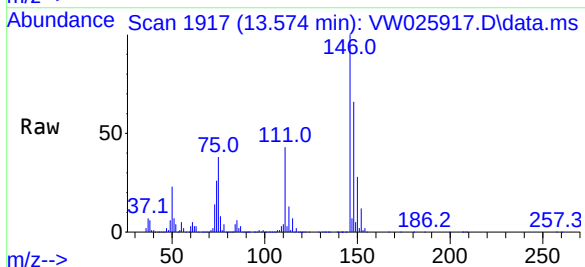
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

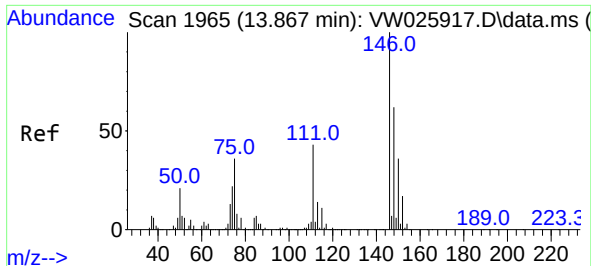
Tgt Ion:146 Resp: 426548
Ion Ratio Lower Upper
146 100
111 42.2 30.4 56.4
148 60.4 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 23.939 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:146 Resp: 429207
Ion Ratio Lower Upper
146 100
111 42.7 27.9 51.9
148 65.8 44.7 82.9

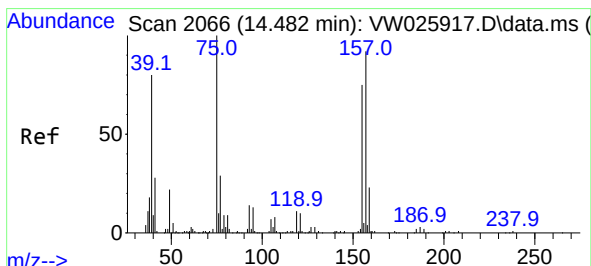
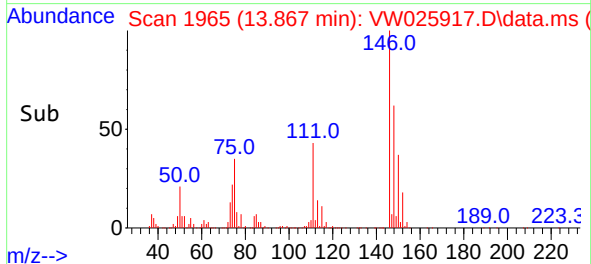
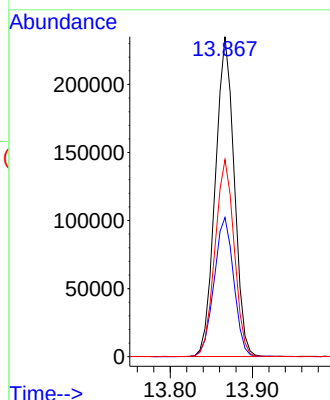
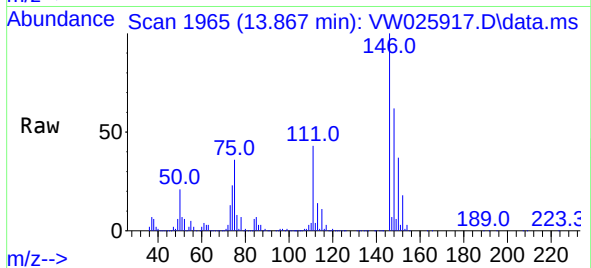




#67
1,2-Dichlorobenzene
Concen: 23.753 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

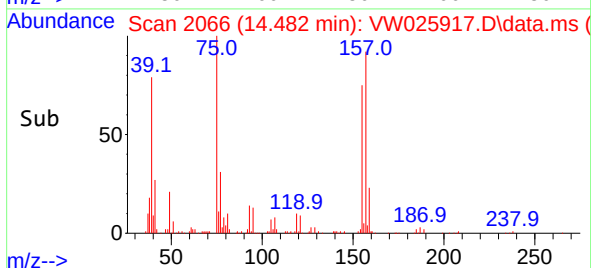
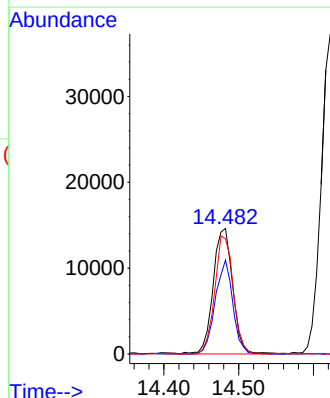
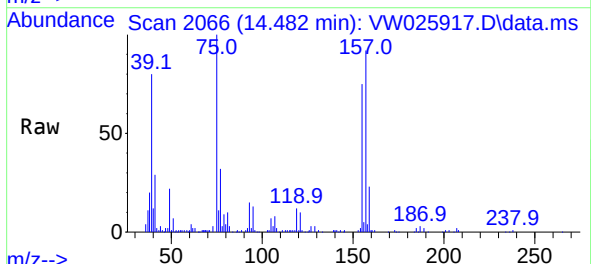
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

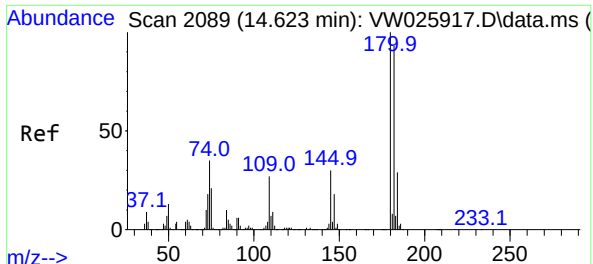
Tgt Ion:146 Resp: 375926
Ion Ratio Lower Upper
146 100
111 43.5 37.7 56.5
148 61.6 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 17.894 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion: 75 Resp: 26595
Ion Ratio Lower Upper
75 100
155 74.9 56.3 84.5
157 91.8 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.153 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

Tgt Ion:180 Resp: 284514

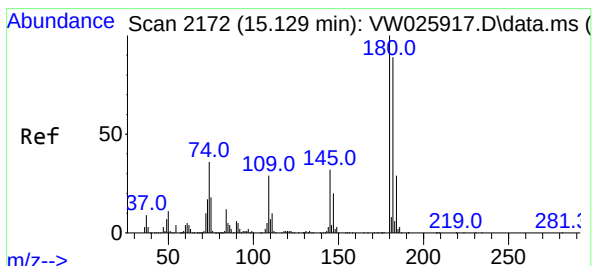
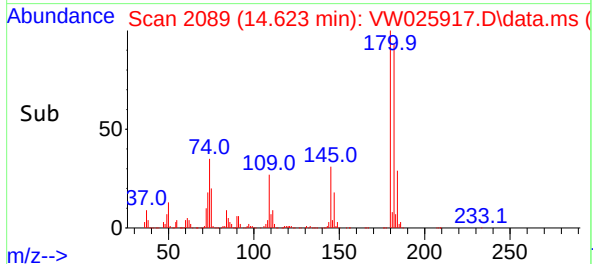
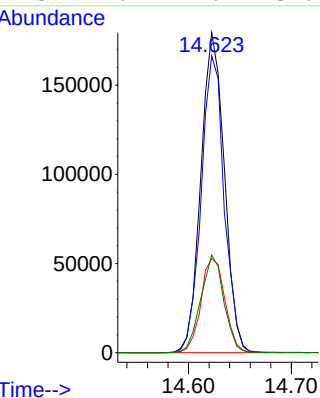
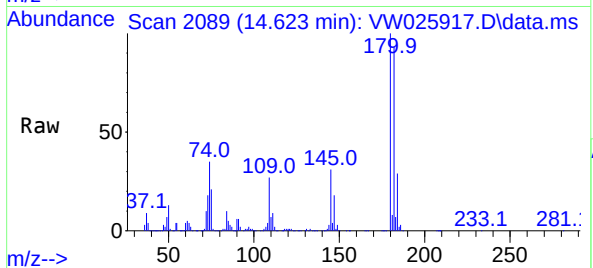
Ion Ratio Lower Upper

180 100

182 91.2 77.4 116.0

184 30.1 24.7 37.1

145 29.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.270 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025917.D

Acq: 10 May 2023 09:15

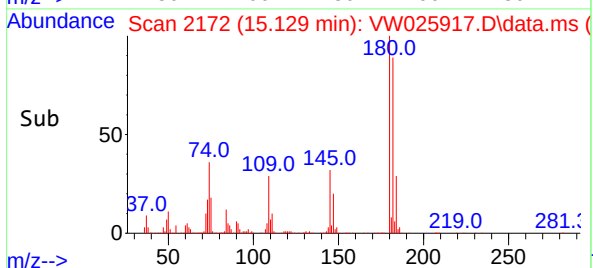
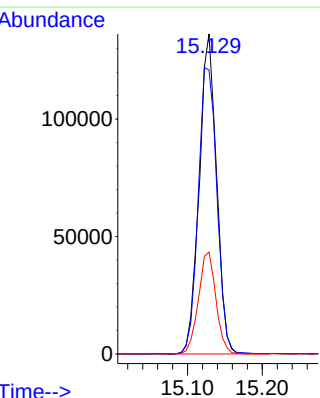
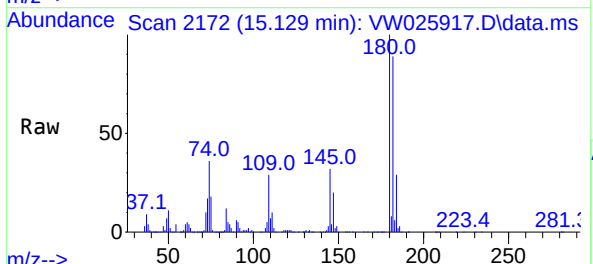
Tgt Ion:180 Resp: 219778

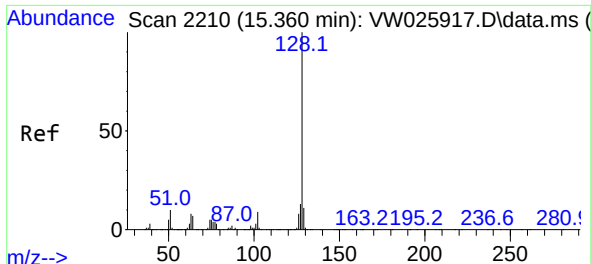
Ion Ratio Lower Upper

180 100

182 96.5 74.3 111.5

145 32.2 25.4 38.0

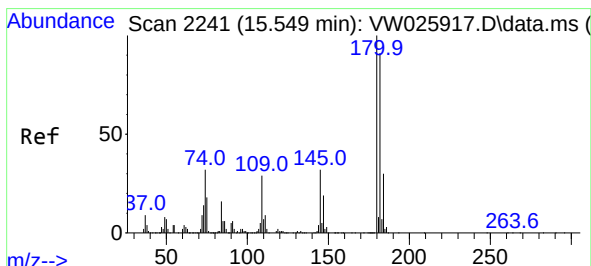
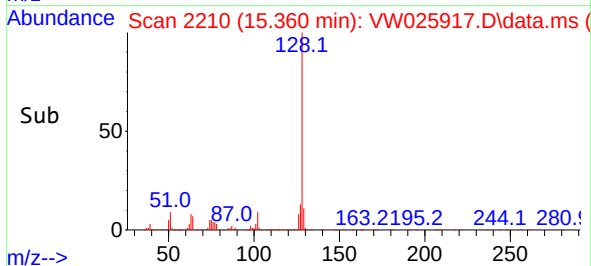
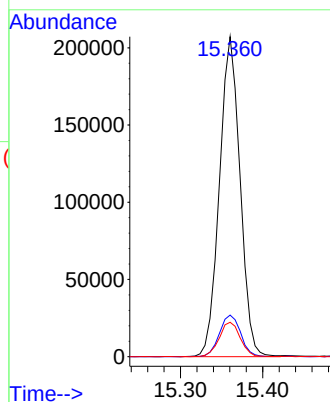
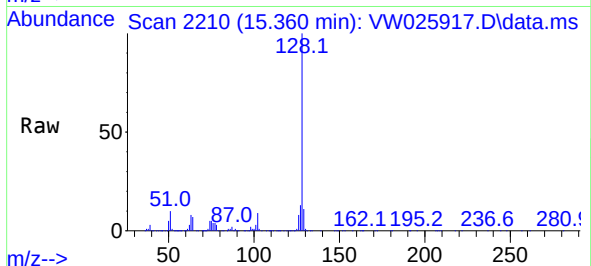




#71
Naphthalene
Concen: 19.423 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Tgt Ion:128 Resp: 361773
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 21.990 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW025917.D
Acq: 10 May 2023 09:15

Tgt Ion:180 Resp: 192557
Ion Ratio Lower Upper
180 100
182 92.0 76.1 114.1
145 33.9 28.0 42.0

