

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026338.D
 Acq On : 26 Jun 2023 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Jun 27 01:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	706964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	625648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	267736	26.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.280%
7) Chloroethane-d5	2.893	69	179184	24.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
11) 1,1-Dichloroethene-d2	4.021	65	116158	24.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.920%
21) 2-Butanone-d5	7.075	46	135332	41.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.860%
24) Chloroform-d	7.648	84	485416	24.231	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.301	65	273784	24.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.270	84	987943	25.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.040%
36) 1,2-Dichloropropane-d6	9.270	67	315007	25.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	10.319	98	873914	25.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.120%
43) trans-1,3-Dichloroprop...	10.575	79	122521	24.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.000%
47) 2-Hexanone-d5	10.922	63	87752	45.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234380	23.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	270983	24.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	204977	24.120	ug/L	91
3) Chloromethane	2.222	50	302559	24.622	ug/L	98
5) Vinyl chloride	2.375	62	298001	23.324	ug/L	98
6) Bromomethane	2.783	94	153187	21.844	ug/L	100
8) Chloroethane	2.930	64	154538	22.557	ug/L	99
9) Trichlorofluoromethane	3.259	101	179110	19.875	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	223902	22.950	ug/L	94
12) 1,1-Dichloroethene	4.051	96	209337	22.901	ug/L	98
13) Acetone	4.125	43	86290	33.399	ug/L	94
14) Carbon disulfide	4.387	76	746042	23.096	ug/L	100
15) Methyl Acetate	4.667	43	126166	21.302	ug/L	99
16) Methylene chloride	4.917	84	252293	21.089	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	235798	23.469	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	356308	22.674	ug/L	99
19) 1,1-Dichloroethane	6.210	63	484104	23.006	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	250723	23.092	ug/L	97
22) 2-Butanone	7.167	43	154208	39.009	ug/L	99
23) Bromochloromethane	7.514	128	106905	22.955	ug/L	96
25) Chloroform	7.673	83	448808	23.014	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026338.D
 Acq On : 26 Jun 2023 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Jun 27 01:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:51:47 2023
 Response via : Initial Calibration

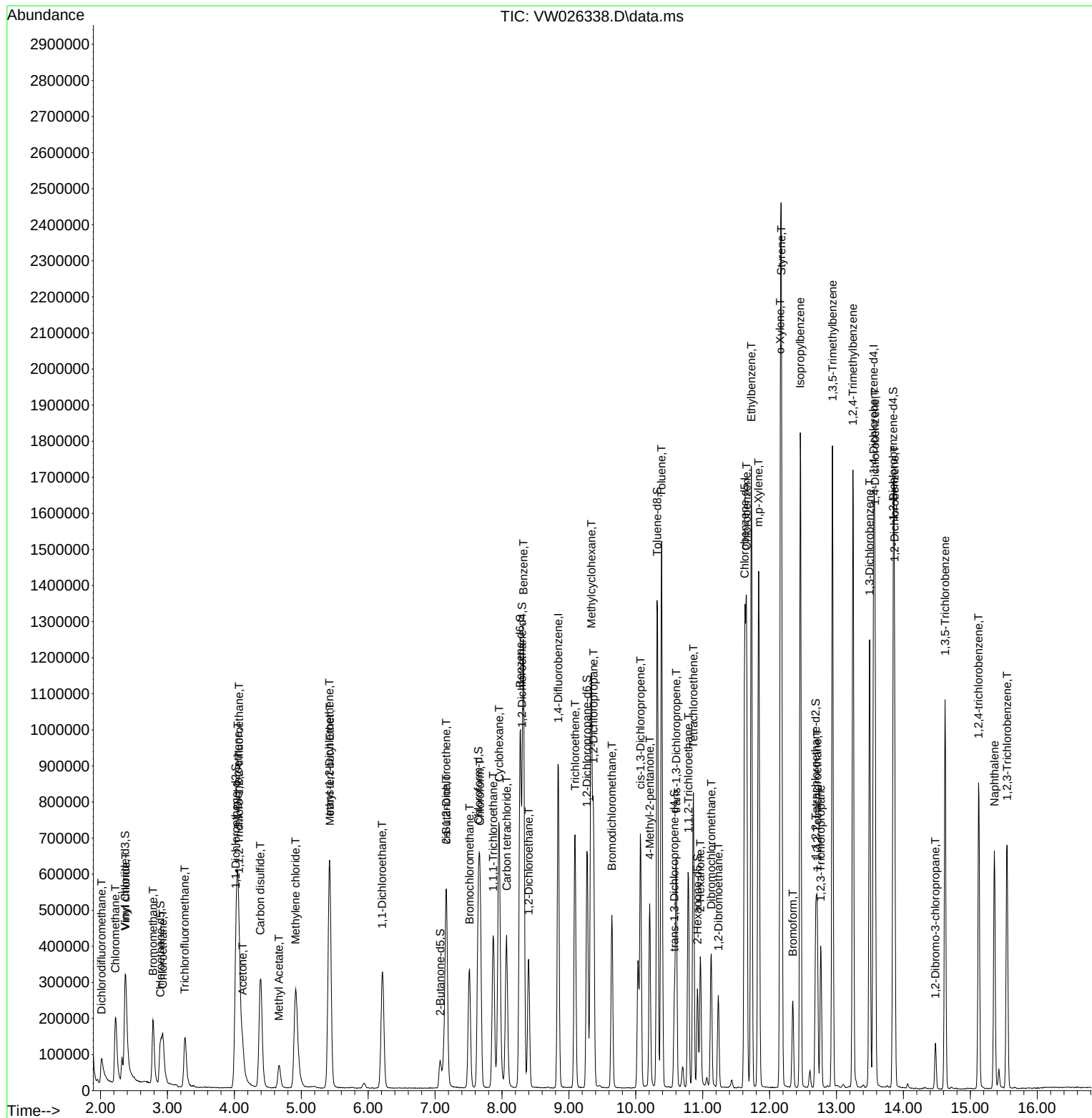
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	323106	23.044	ug/L	99
29) Cyclohexane	7.959	56	434721	24.062	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	342932	22.658	ug/L	100
31) Carbon tetrachloride	8.069	117	315195	23.166	ug/L	97
33) Benzene	8.319	78	1011121	23.926	ug/L	100
34) Trichloroethene	9.093	95	252329	23.320	ug/L	98
35) Methylcyclohexane	9.337	83	442155	23.829	ug/L	100
37) 1,2-Dichloropropane	9.368	63	277567	23.508	ug/L	99
38) Bromodichloromethane	9.642	83	319022	23.528	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	402017	23.765	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	351367	46.104	ug/L	100
42) Toluene	10.386	91	1049242	24.749	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	334537	23.428	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	180894	22.882	ug/L	98
46) Tetrachloroethene	10.861	164	171772	22.533	ug/L	98
48) 2-Hexanone	10.965	43	243670	45.313	ug/L	99
49) Dibromochloromethane	11.129	129	184203	22.755	ug/L	99
50) 1,2-Dibromoethane	11.233	107	168693	23.242	ug/L	98
51) Chlorobenzene	11.654	112	632044	23.373	ug/L	99
52) Ethylbenzene	11.727	91	1164495	24.377	ug/L	96
53) m,p-Xylene	11.837	106	428984	24.623	ug/L	94
54) o-Xylene	12.160	106	399812	24.373	ug/L	95
55) Styrene	12.178	104	713407	24.935	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	224421	22.711	ug/L	100
59) Bromoform	12.349	173	107009	22.650	ug/L	99
60) Isopropylbenzene	12.458	105	1092510	23.276	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164539	21.674	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	880676	24.204	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	889577	25.349	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	456372	22.700	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	460720	22.899	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	413925	23.117	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	34518	19.728	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	306890	23.756	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	250287	23.674	ug/L	98
71) Naphthalene	15.360	128	525324	24.719	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	216326	21.916	ug/L	97

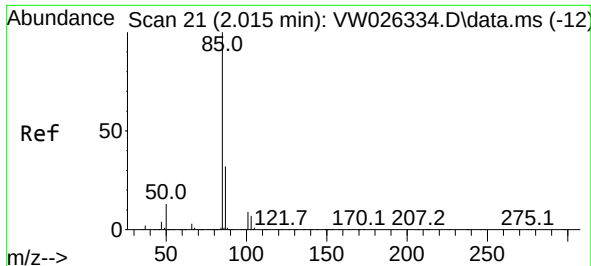
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026338.D
 Acq On : 26 Jun 2023 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Jun 27 01:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:51:47 2023
 Response via : Initial Calibration

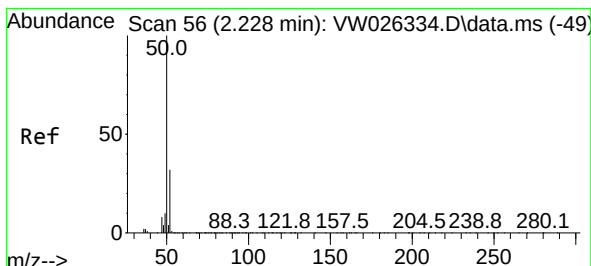
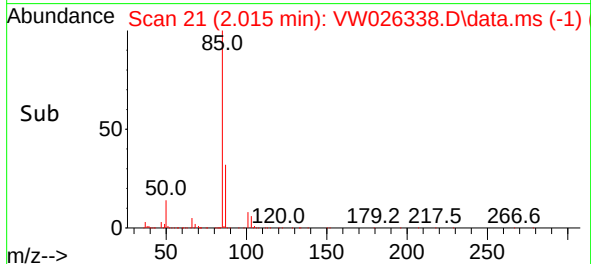
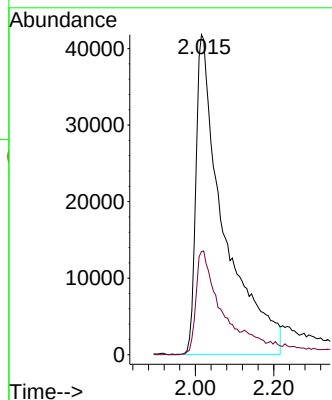
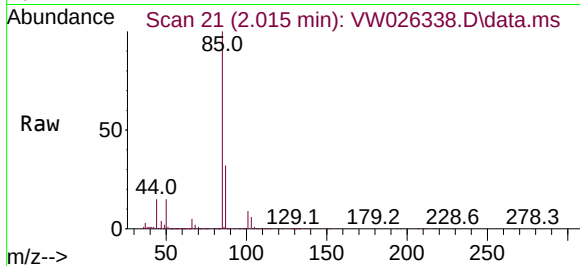




#2
 Dichlorodifluoromethane
 Concen: 24.120 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026338.D
 Acq: 26 Jun 2023 16:32

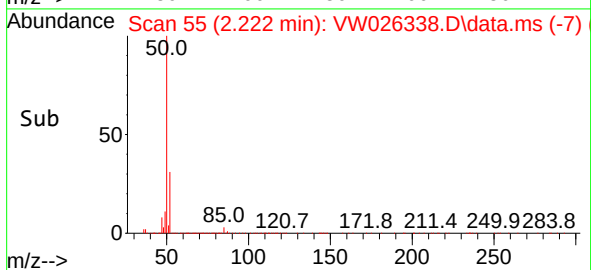
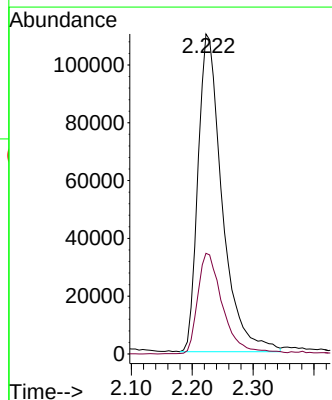
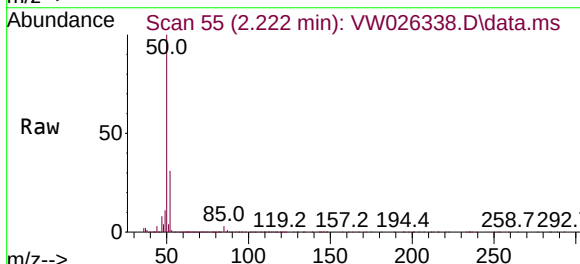
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

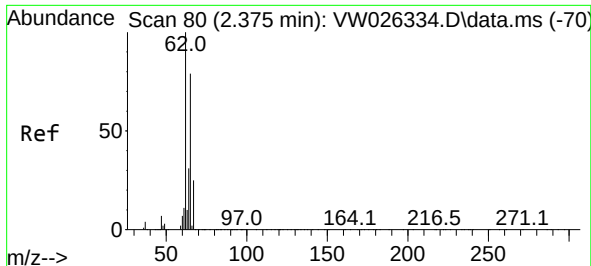
Tgt Ion: 85 Resp: 204977
 Ion Ratio Lower Upper
 85 100
 87 26.7 25.2 37.8



#3
 Chloromethane
 Concen: 24.622 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026338.D
 Acq: 26 Jun 2023 16:32

Tgt Ion: 50 Resp: 302559
 Ion Ratio Lower Upper
 50 100
 52 31.5 21.4 39.8

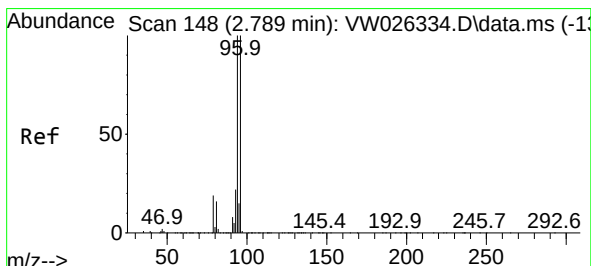
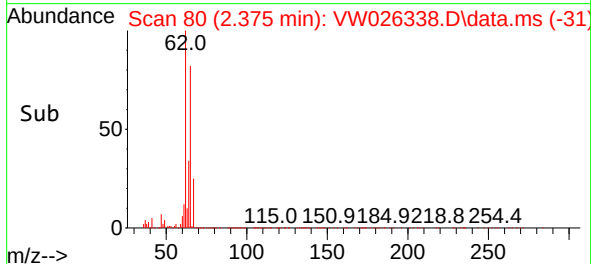
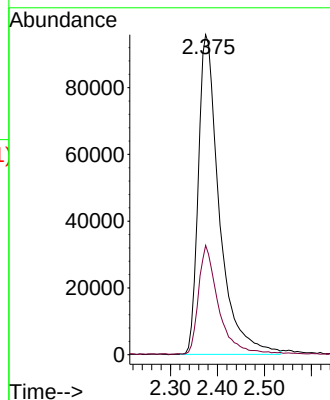
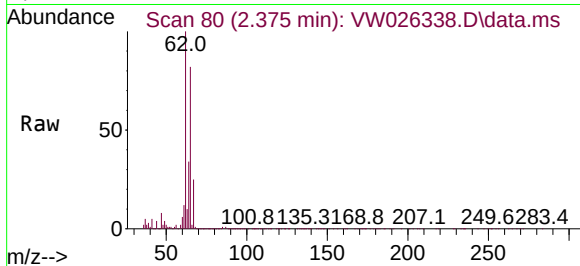




#5
 Vinyl chloride
 Concen: 23.324 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026338.D
 Acq: 26 Jun 2023 16:32

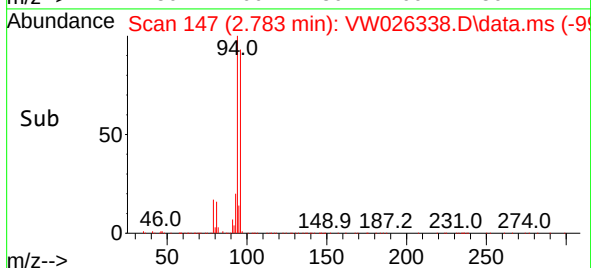
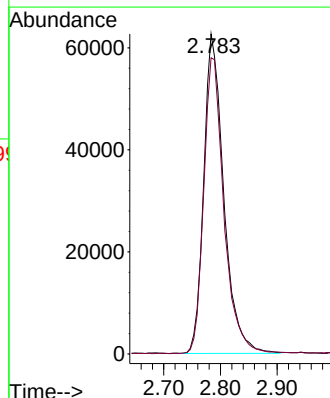
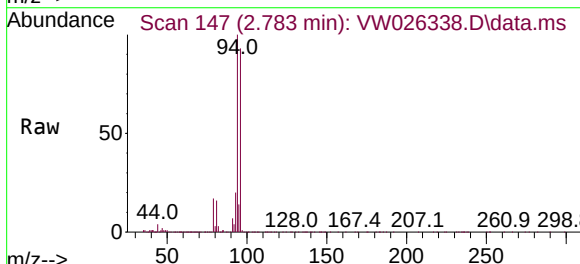
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

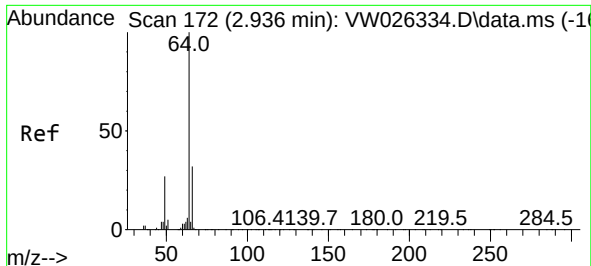
Tgt Ion: 62 Resp: 298001
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.0 42.8



#6
 Bromomethane
 Concen: 21.844 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026338.D
 Acq: 26 Jun 2023 16:32

Tgt Ion: 94 Resp: 153187
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.6 120.0

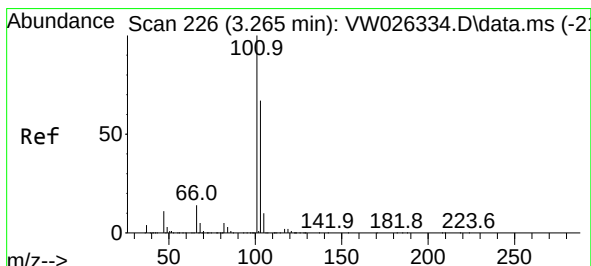
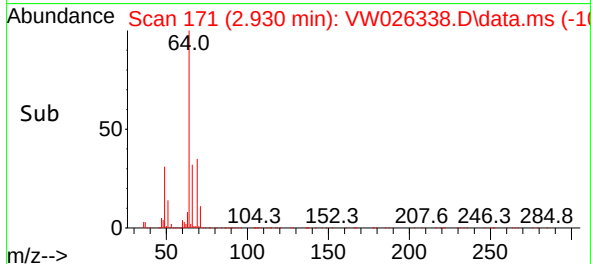
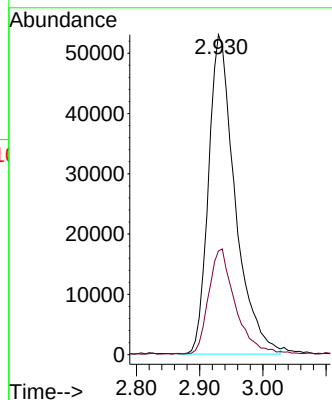
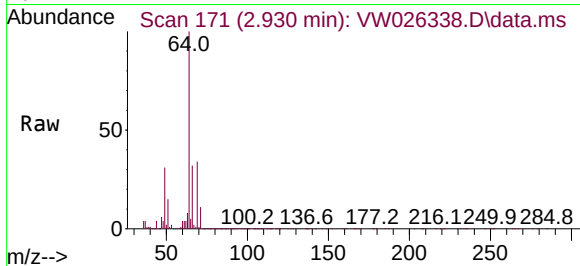




#8
Chloroethane
Concen: 22.557 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

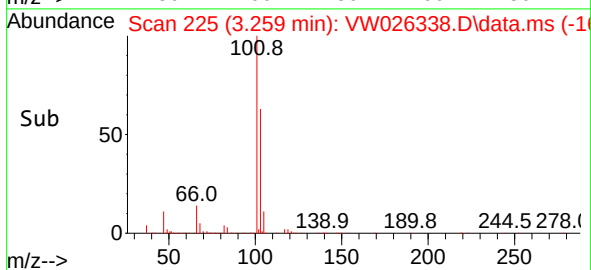
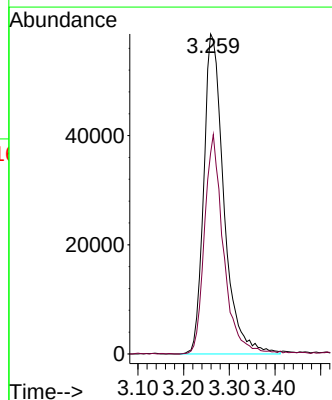
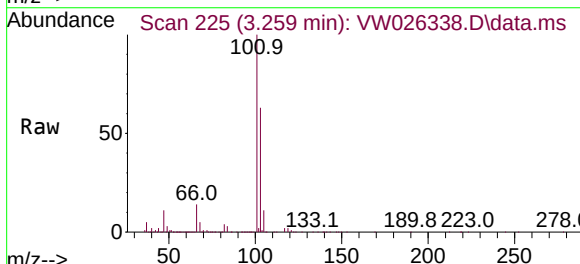
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

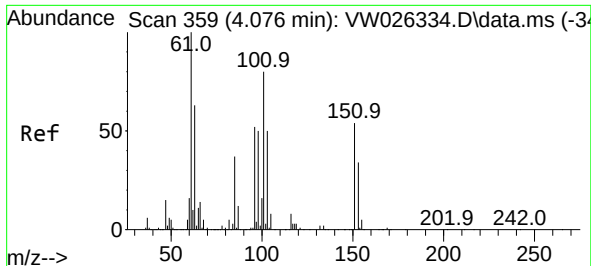
Tgt Ion: 64 Resp: 154538
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.7



#9
Trichlorofluoromethane
Concen: 19.875 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 101 Resp: 179110
Ion Ratio Lower Upper
101 100
103 63.6 52.9 79.3

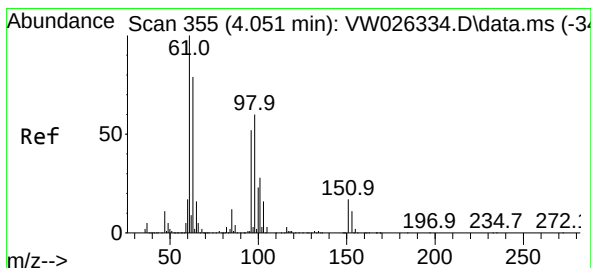
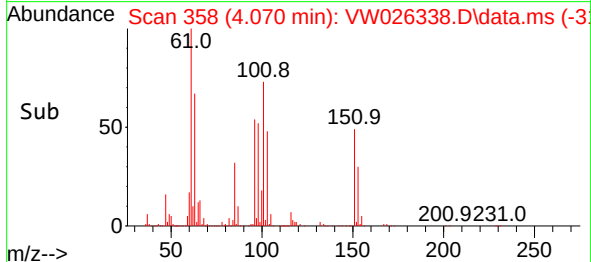
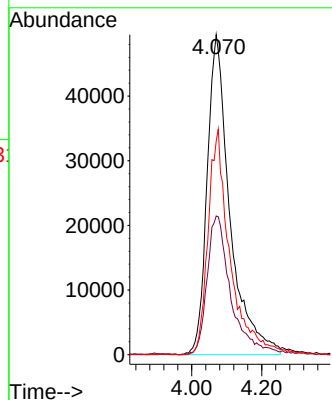
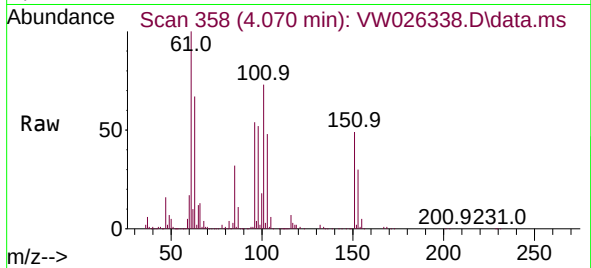




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.950 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026338.D
 Acq: 26 Jun 2023 16:32

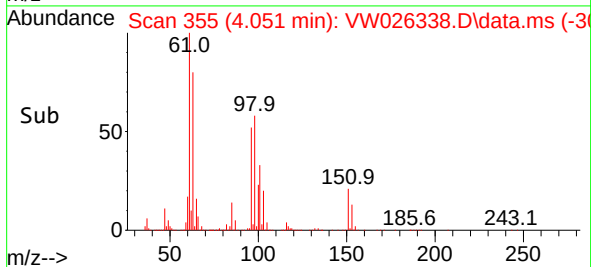
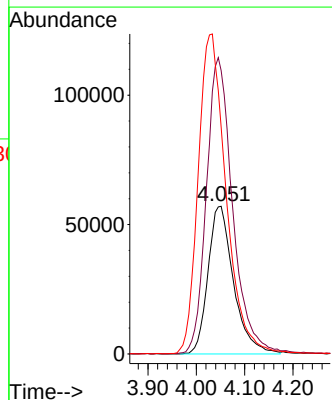
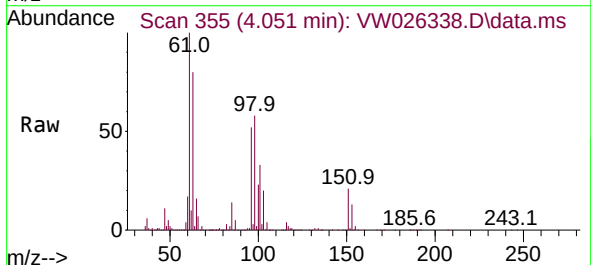
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

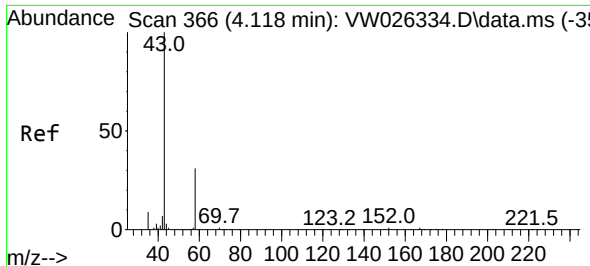
Tgt Ion:101 Resp: 223902
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.4 53.0
 151 63.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 22.901 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026338.D
 Acq: 26 Jun 2023 16:32

Tgt Ion: 96 Resp: 209337
 Ion Ratio Lower Upper
 96 100
 61 191.9 134.3 249.3
 63 153.6 112.3 208.5





#13

Acetone

Concen: 33.399 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

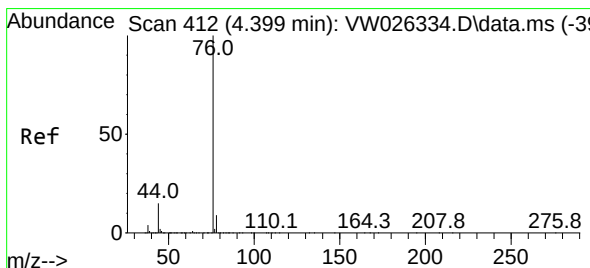
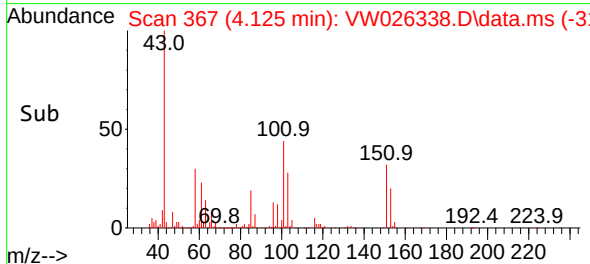
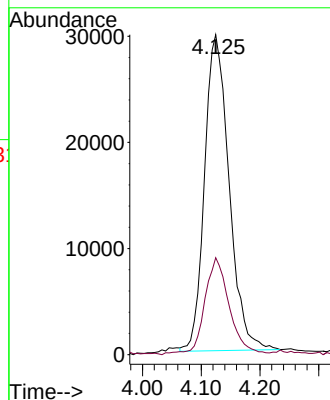
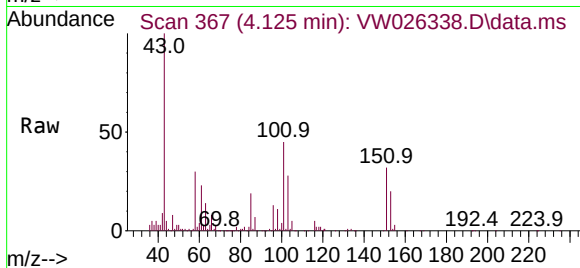
VSTD025535

Tgt Ion: 43 Resp: 86290

Ion Ratio Lower Upper

43 100

58 30.9 0.0 55.8



#14

Carbon disulfide

Concen: 23.096 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.012 min

Lab File: VW026338.D

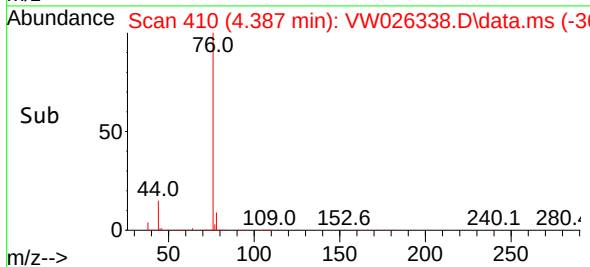
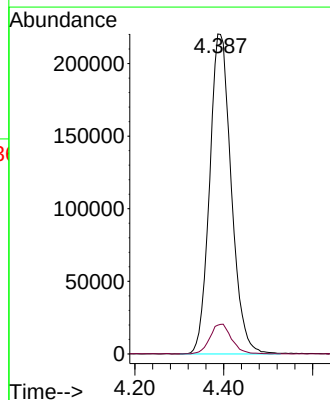
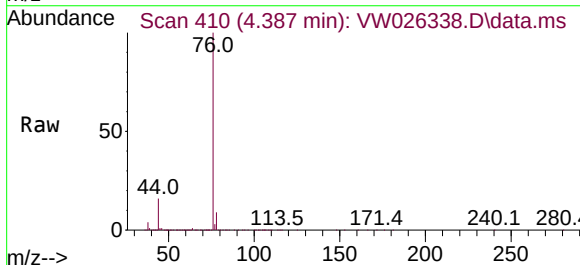
Acq: 26 Jun 2023 16:32

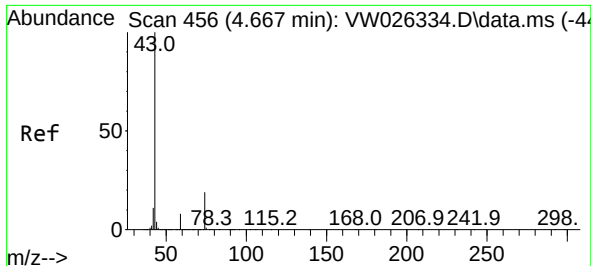
Tgt Ion: 76 Resp: 746042

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

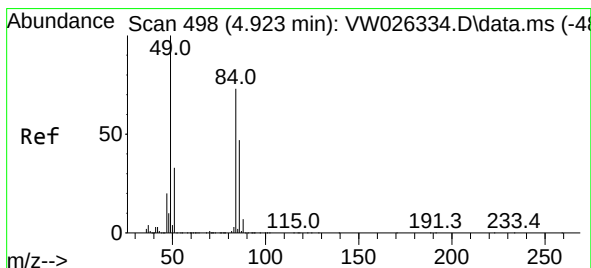
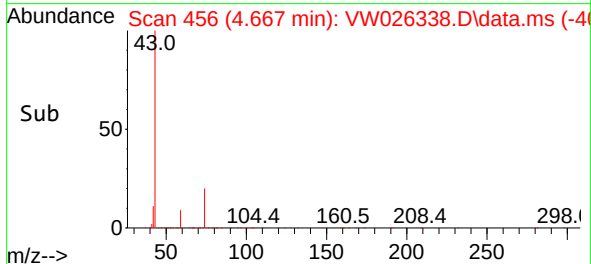
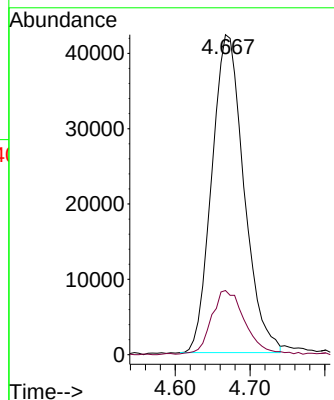
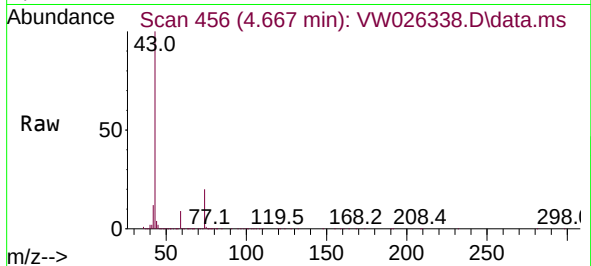




#15
Methyl Acetate
Concen: 21.302 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

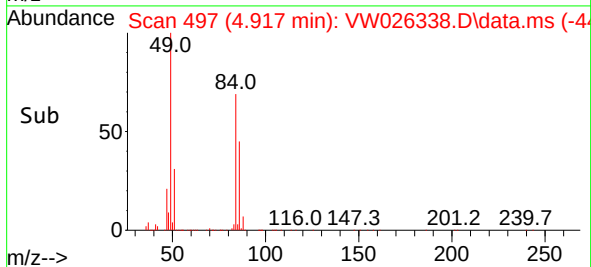
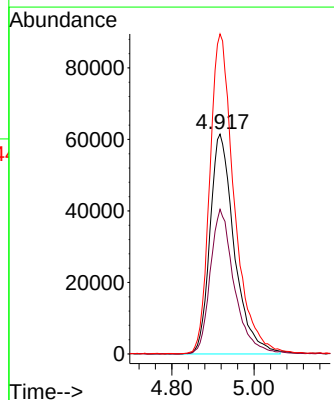
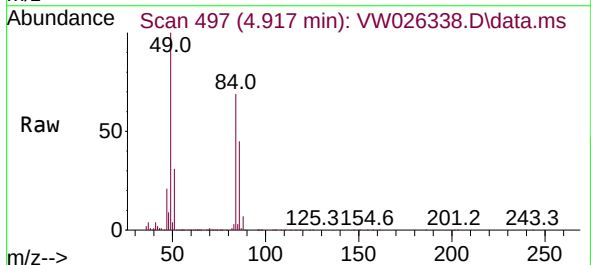
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

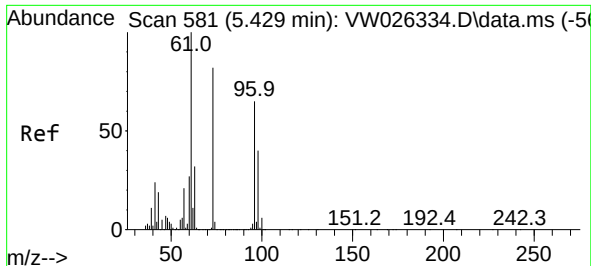
Tgt Ion: 43 Resp: 126166
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5



#16
Methylene chloride
Concen: 21.089 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 84 Resp: 252293
Ion Ratio Lower Upper
84 100
86 65.8 43.9 81.5
49 145.5 100.4 186.4

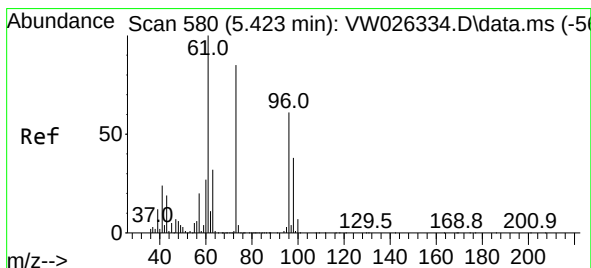
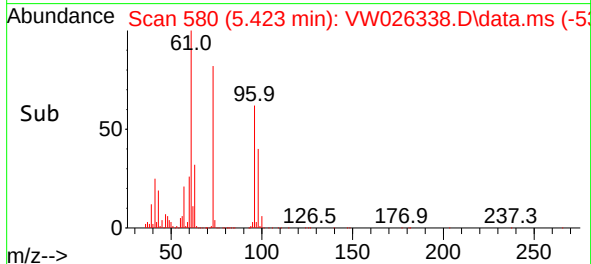
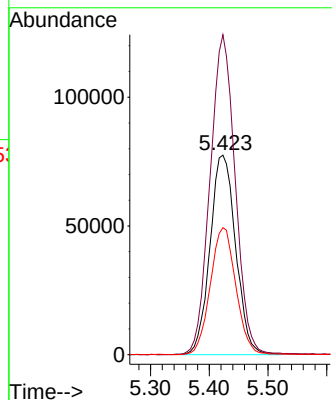
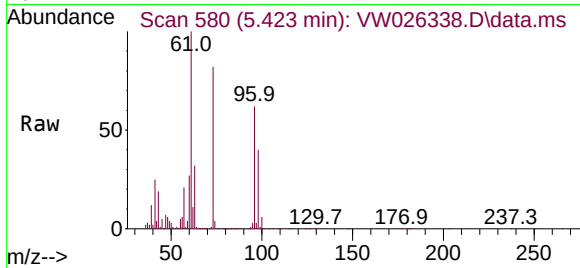




#17
trans-1,2-Dichloroethene
Concen: 23.469 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

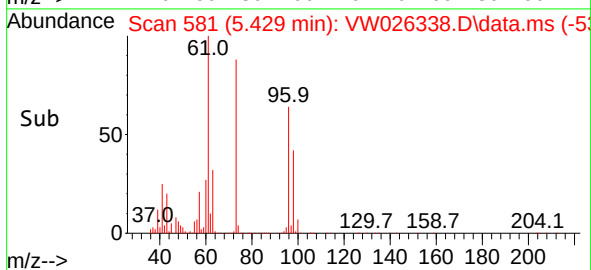
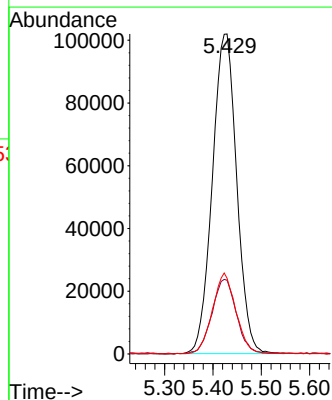
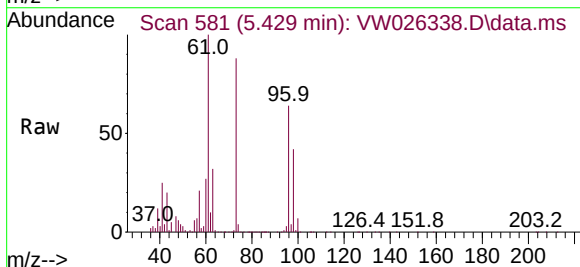
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

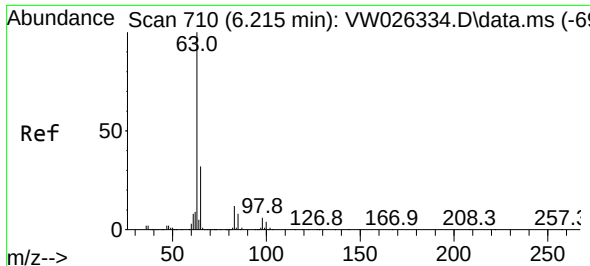
Tgt Ion: 96 Resp: 235798
Ion Ratio Lower Upper
96 100
61 160.4 106.1 197.1
98 63.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 22.674 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 73 Resp: 356308
Ion Ratio Lower Upper
73 100
43 23.3 18.1 27.1
57 24.1 19.5 29.3





#19

1,1-Dichloroethane

Concen: 23.006 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

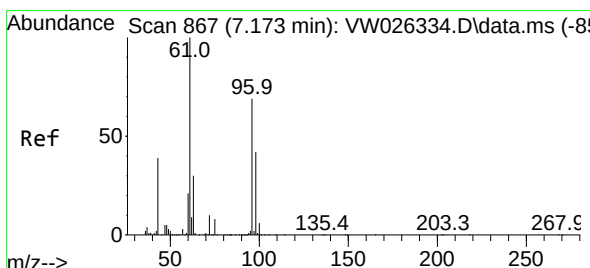
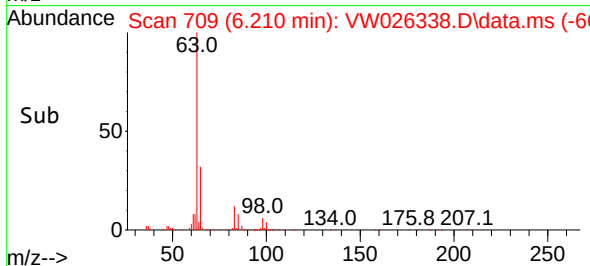
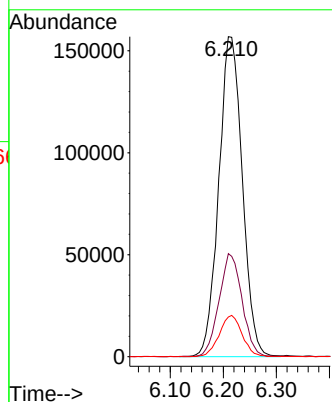
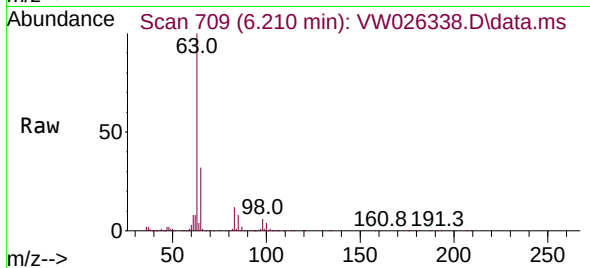
Tgt Ion: 63 Resp: 484104

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 23.092 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

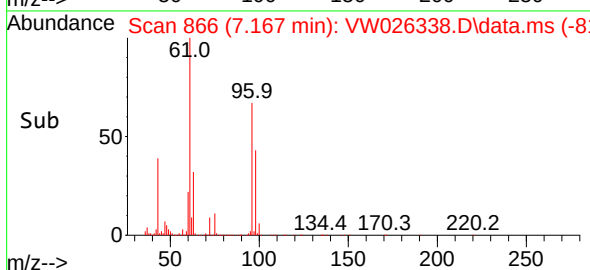
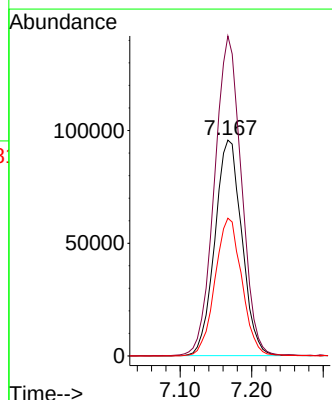
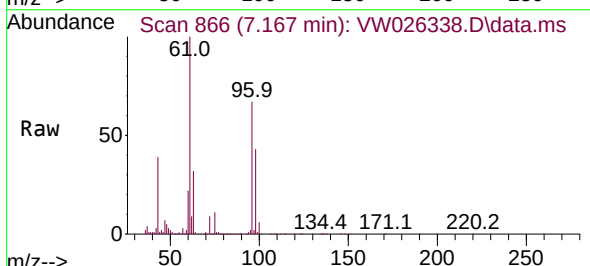
Tgt Ion: 96 Resp: 250723

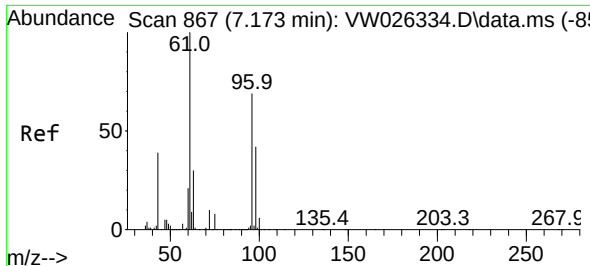
Ion Ratio Lower Upper

96 100

61 148.2 100.8 187.2

98 63.8 45.7 84.9

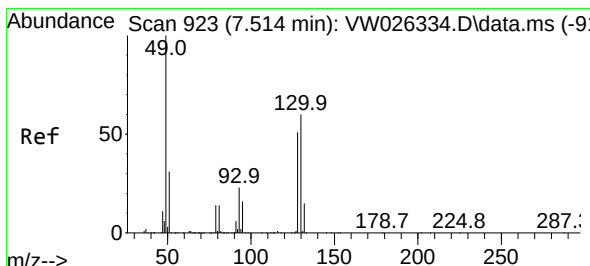
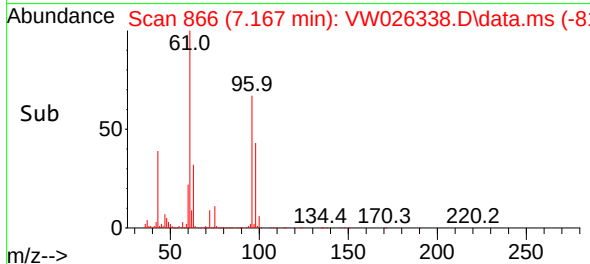
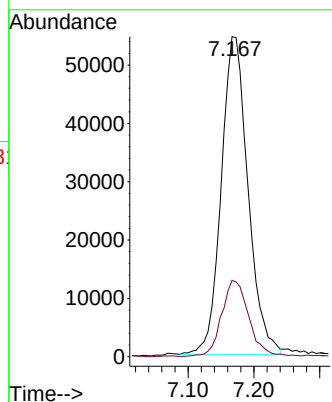
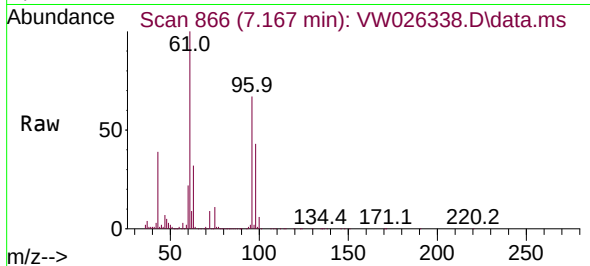




#22
2-Butanone
Concen: 39.009 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

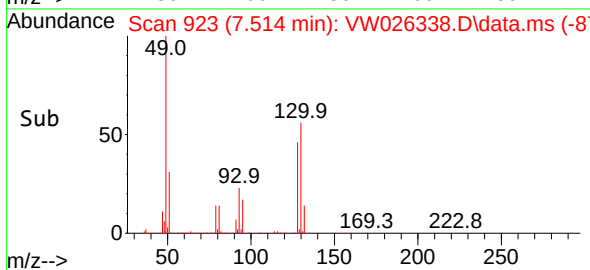
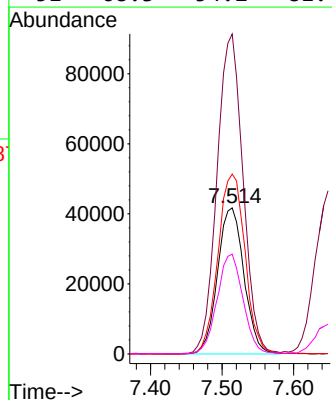
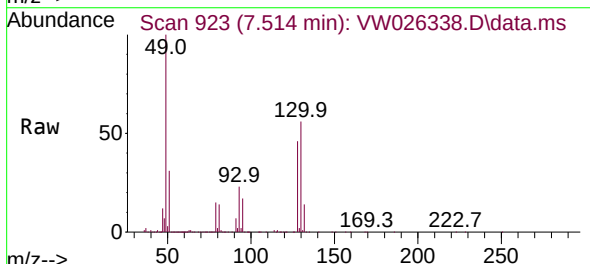
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

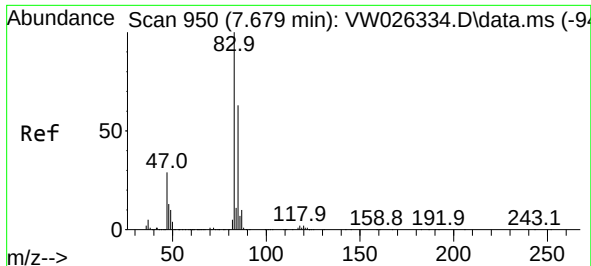
Tgt Ion: 43 Resp: 154208
Ion Ratio Lower Upper
43 100
72 24.0 11.8 35.3



#23
Bromochloromethane
Concen: 22.955 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 128 Resp: 106905
Ion Ratio Lower Upper
128 100
49 219.1 148.5 275.9
130 123.1 82.6 153.4
51 68.3 54.2 81.4

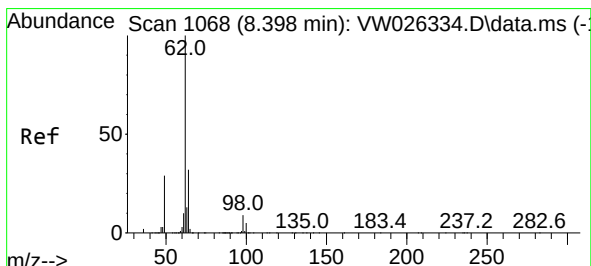
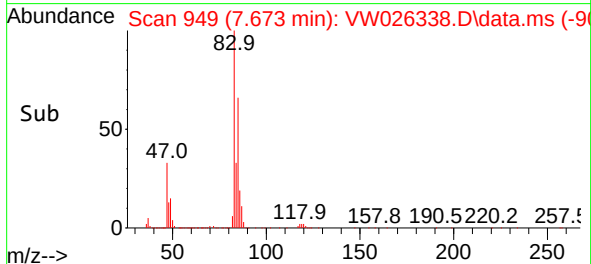
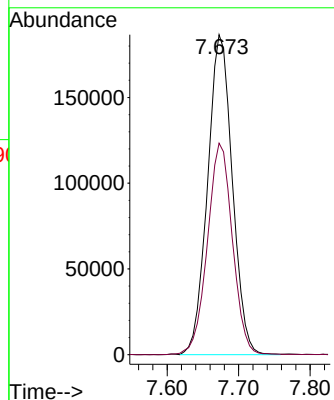
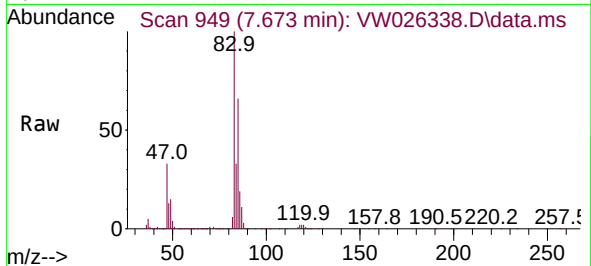




#25
Chloroform
Concen: 23.014 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

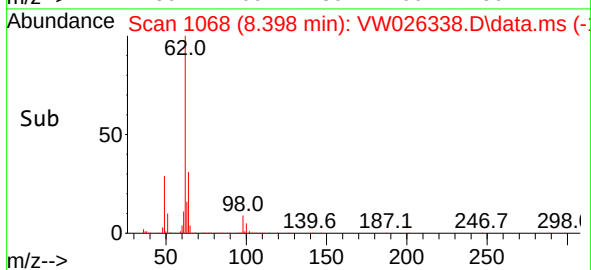
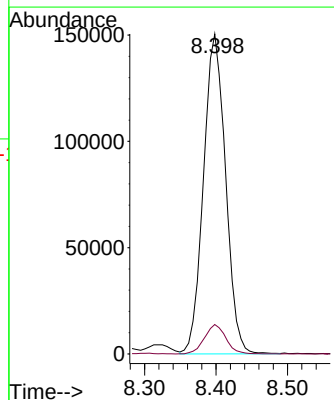
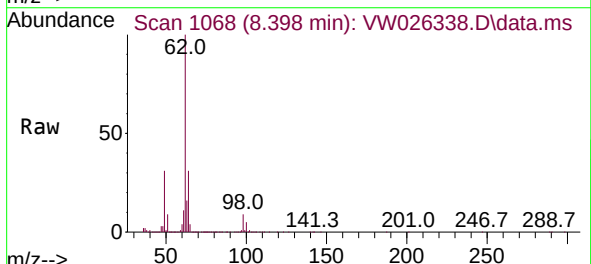
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

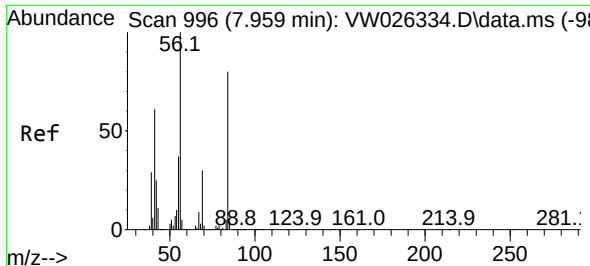
Tgt Ion: 83 Resp: 448808
Ion Ratio Lower Upper
83 100
85 66.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 23.044 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 62 Resp: 323106
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3

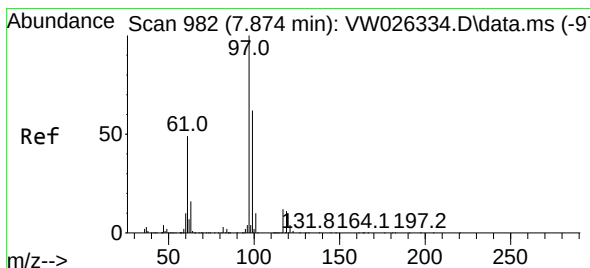
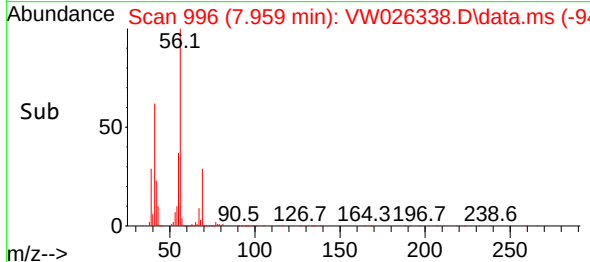
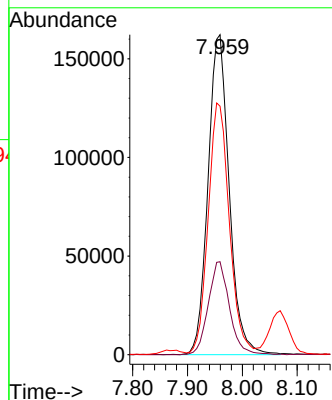
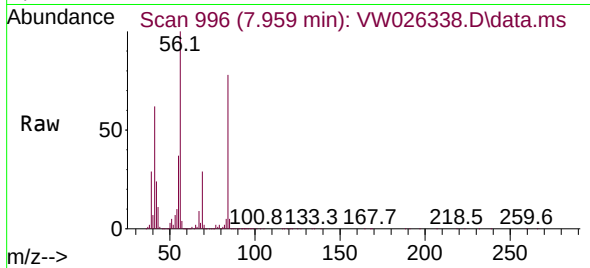




#29
Cyclohexane
Concen: 24.062 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

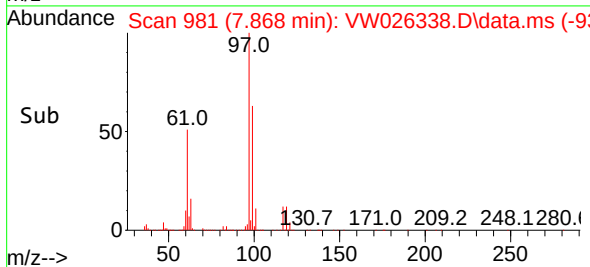
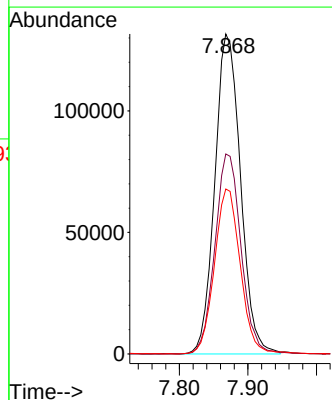
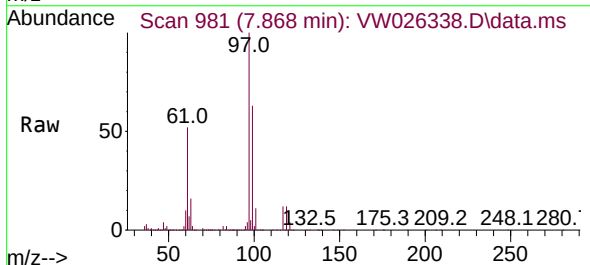
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

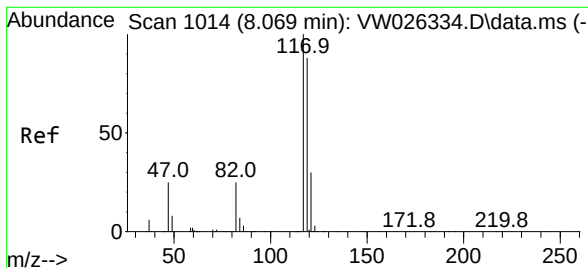
Tgt Ion: 56 Resp: 434721
Ion Ratio Lower Upper
56 100
69 29.0 23.0 34.4
84 78.5 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 22.658 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 97 Resp: 342932
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 51.7 41.4 62.2





#31

Carbon tetrachloride

Concen: 23.166 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

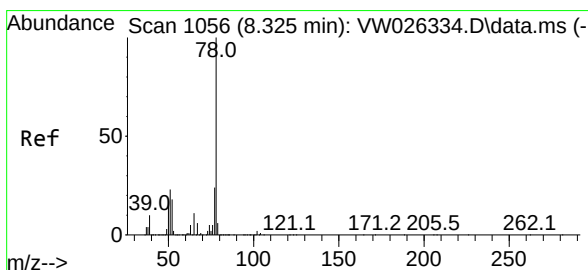
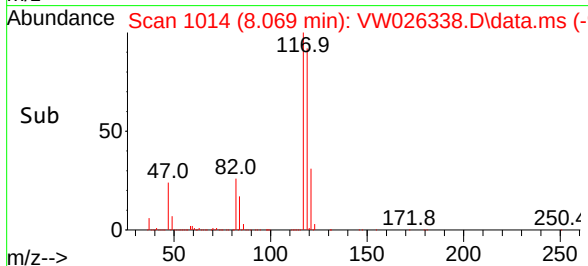
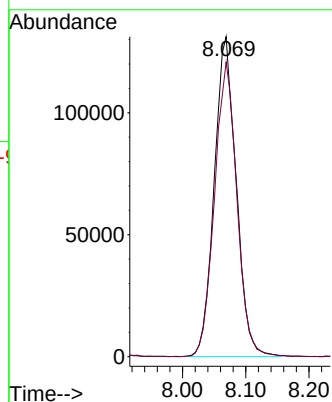
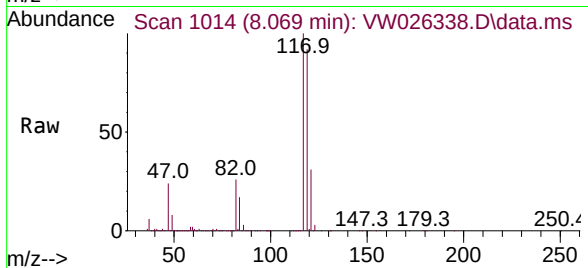
VSTD025535

Tgt Ion:117 Resp: 315195

Ion Ratio Lower Upper

117 100

119 94.2 77.7 116.5



#33

Benzene

Concen: 23.926 ug/L

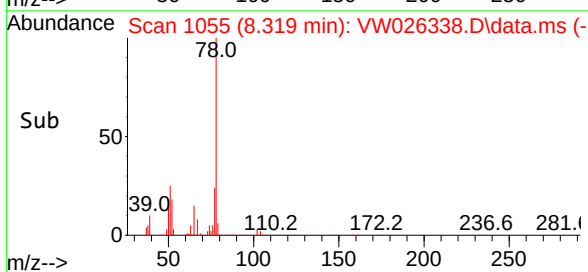
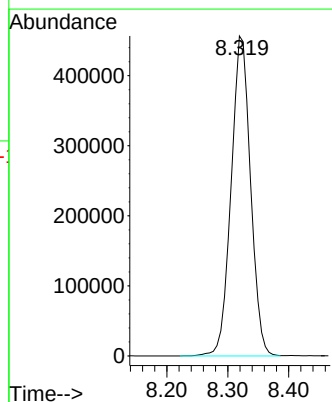
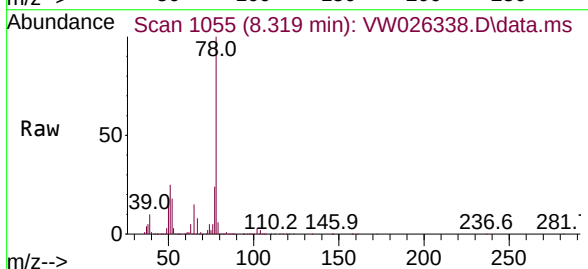
RT: 8.319 min Scan# 1055

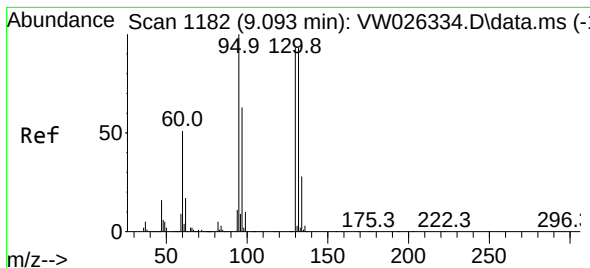
Delta R.T. -0.006 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Tgt Ion: 78 Resp: 1011121





#34

Trichloroethene

Concen: 23.320 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion: 95 Resp: 252329

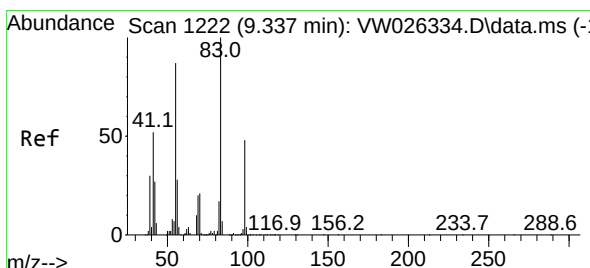
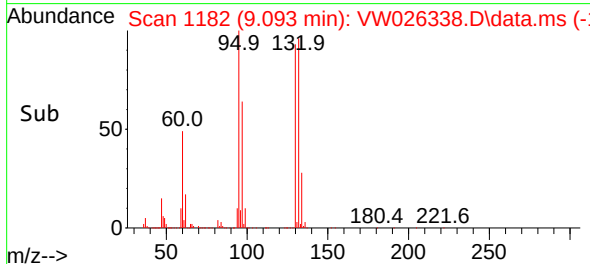
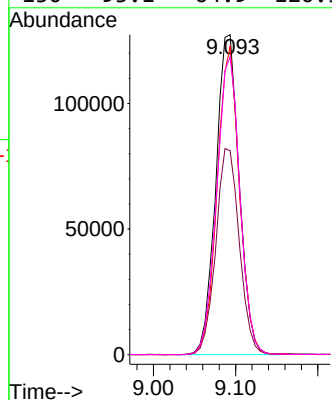
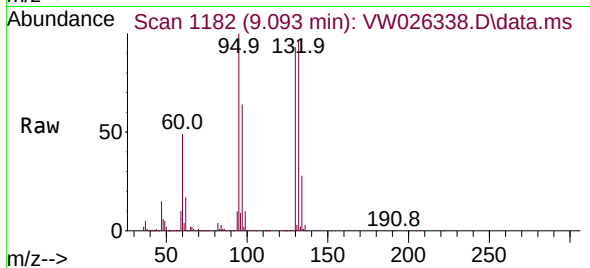
Ion Ratio Lower Upper

95 100

97 63.7 44.5 82.7

132 96.3 63.3 117.5

130 93.1 64.9 120.5



#35

Methylcyclohexane

Concen: 23.829 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

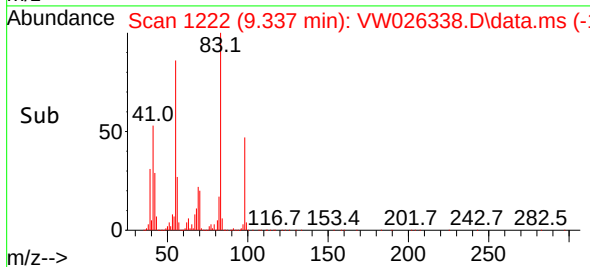
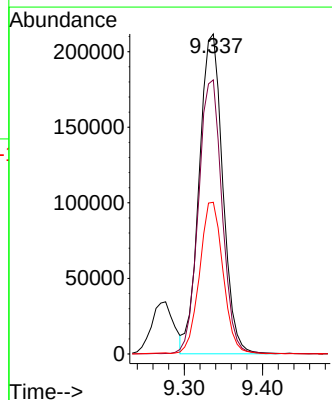
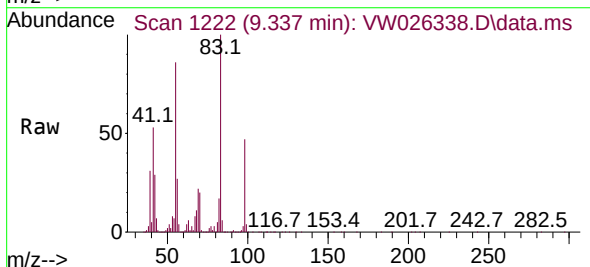
Tgt Ion: 83 Resp: 442155

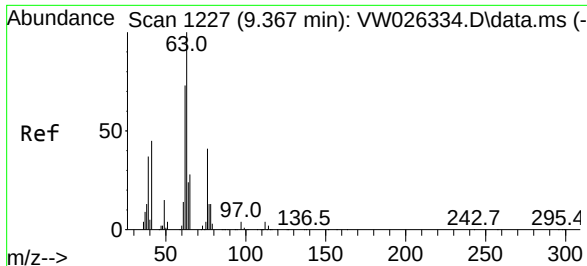
Ion Ratio Lower Upper

83 100

55 85.6 68.8 103.2

98 47.4 37.8 56.6





#37

1,2-Dichloropropane

Concen: 23.508 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

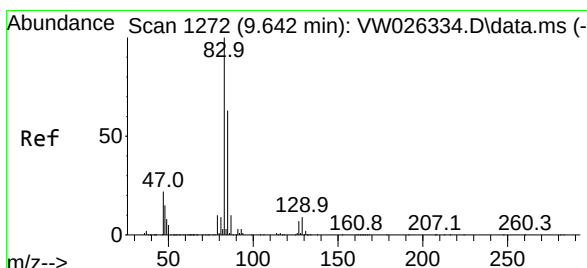
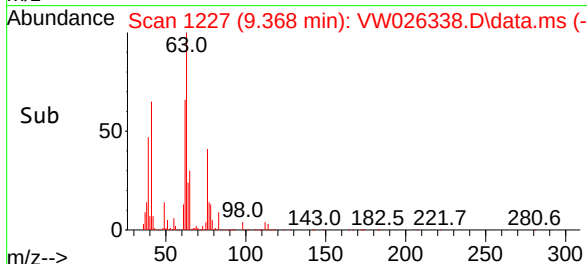
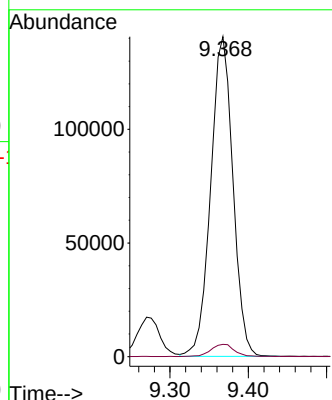
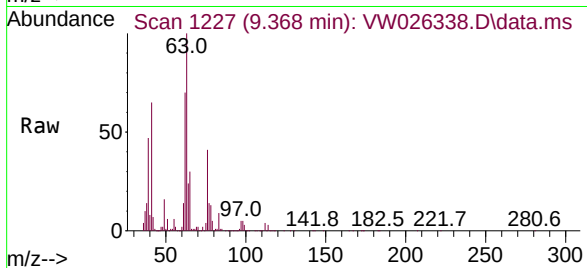
VSTD025535

Tgt Ion: 63 Resp: 277567

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 23.528 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

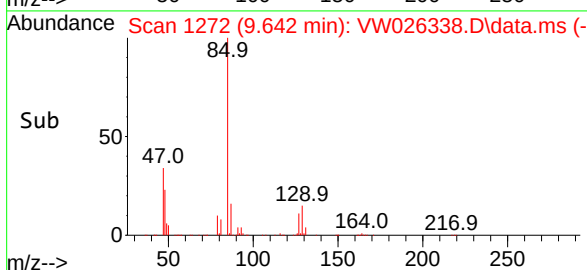
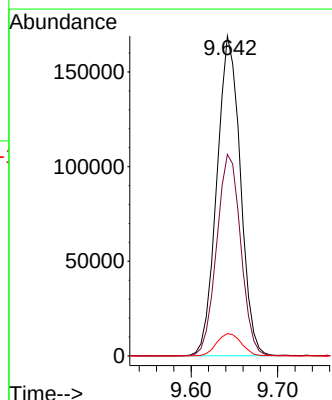
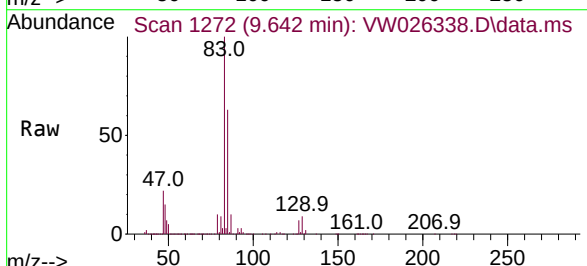
Tgt Ion: 83 Resp: 319022

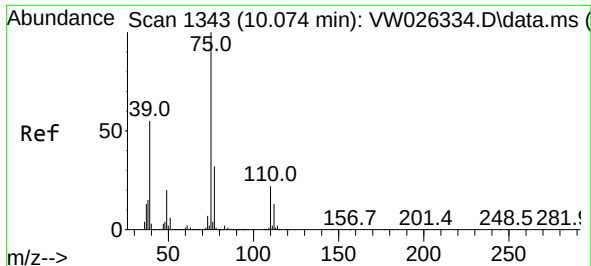
Ion Ratio Lower Upper

83 100

85 63.0 44.9 83.5

127 7.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.765 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

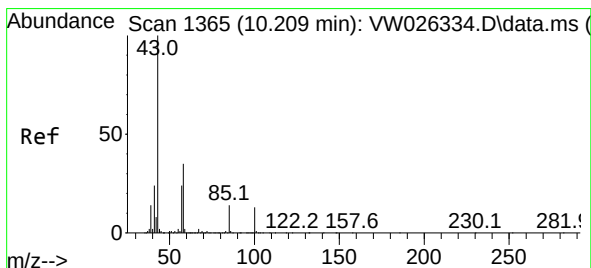
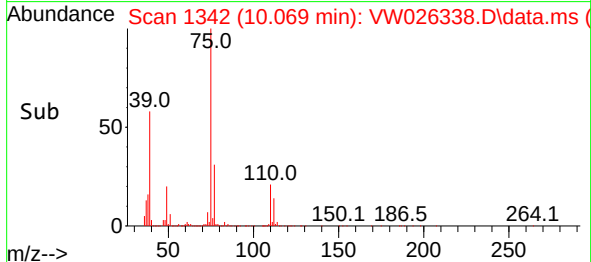
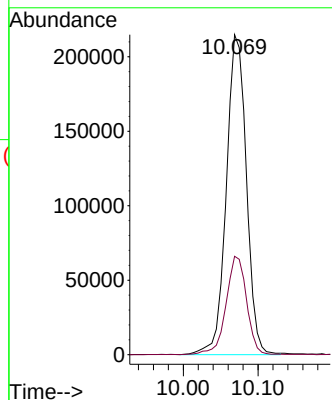
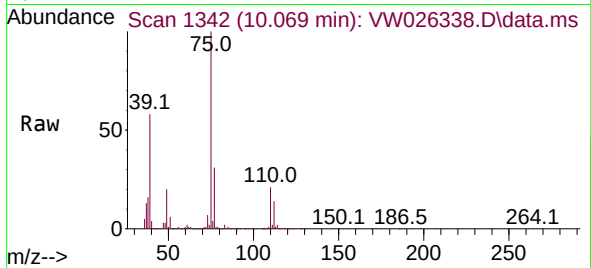
VSTD025535

Tgt Ion: 75 Resp: 402017

Ion Ratio Lower Upper

75 100

77 30.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 46.104 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

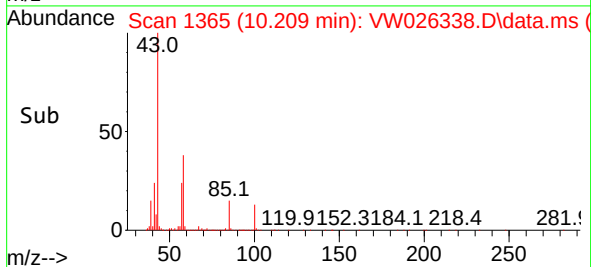
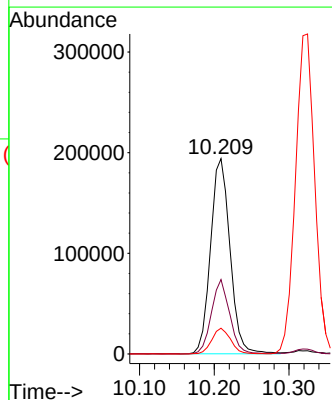
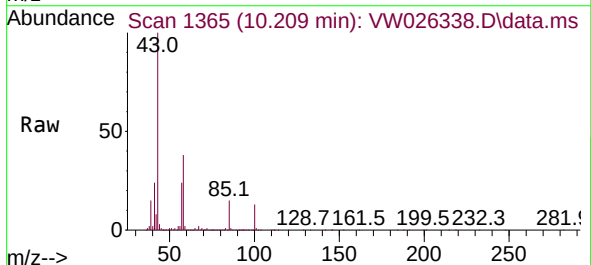
Tgt Ion: 43 Resp: 351367

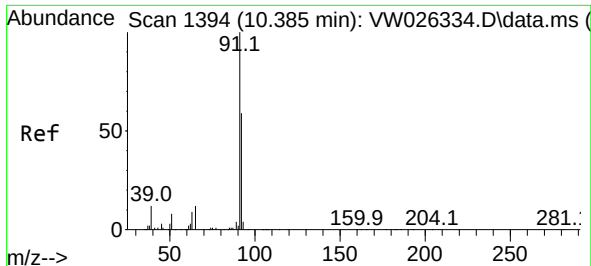
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

100 12.8 9.9 14.9

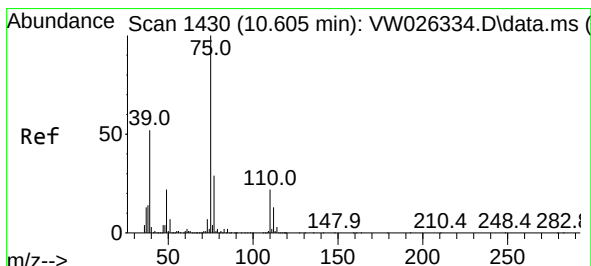
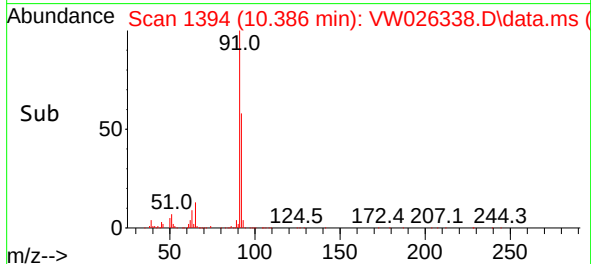
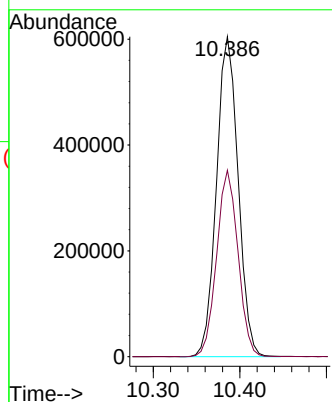
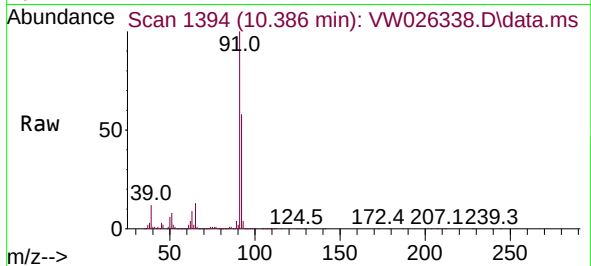




#42
Toluene
Concen: 24.749 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

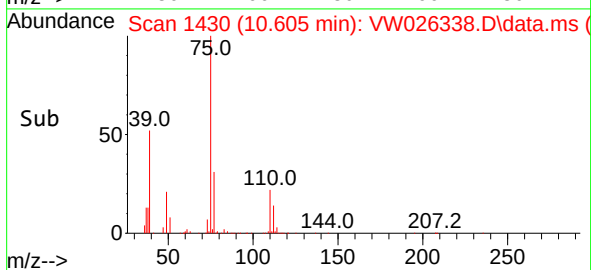
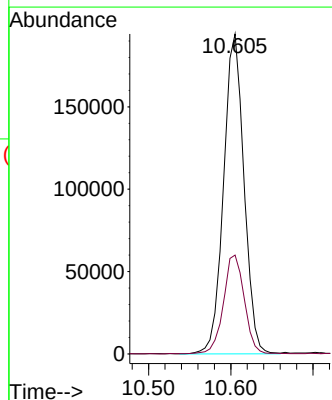
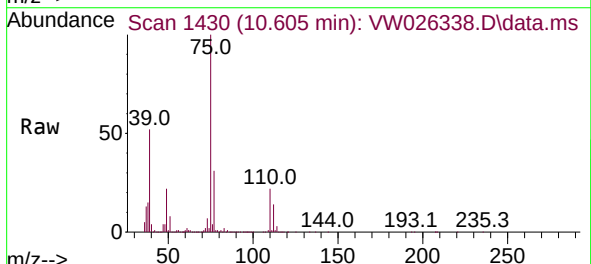
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

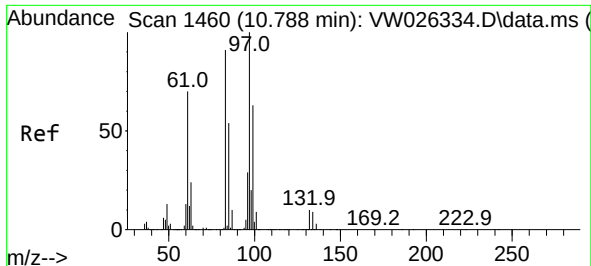
Tgt Ion: 91 Resp: 1049242
Ion Ratio Lower Upper
91 100
92 58.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 23.428 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 75 Resp: 334537
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2

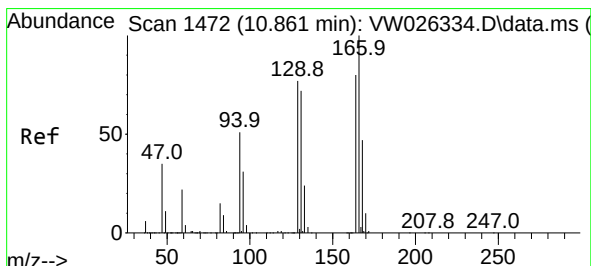
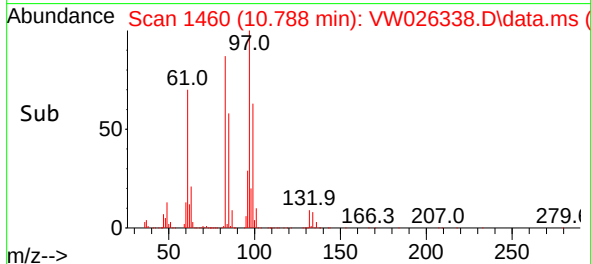
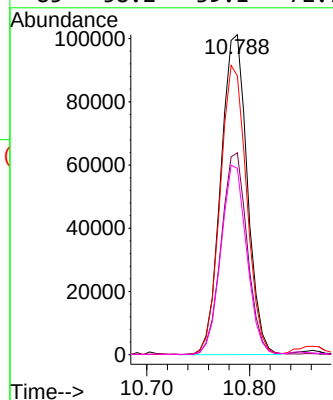
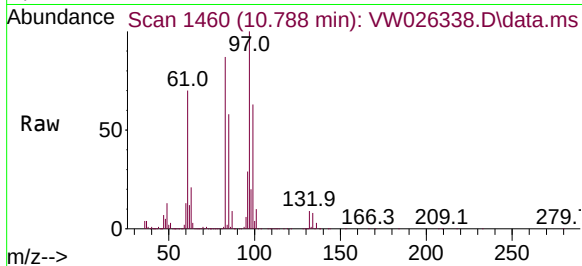




#45
1,1,2-Trichloroethane
Concen: 22.882 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

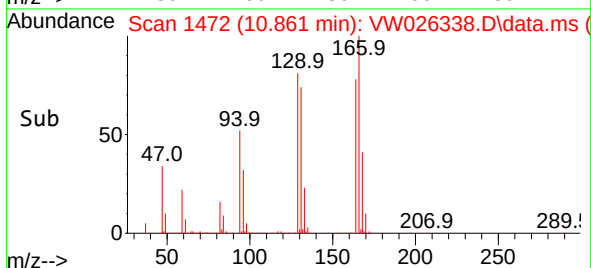
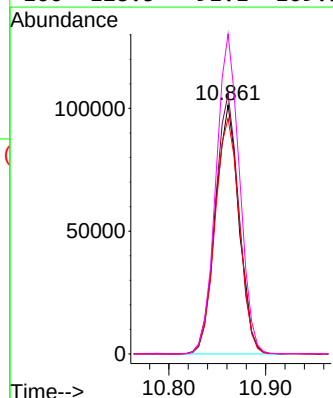
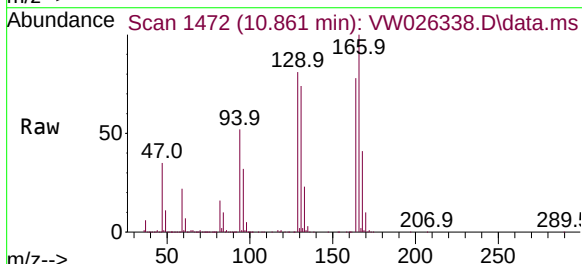
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

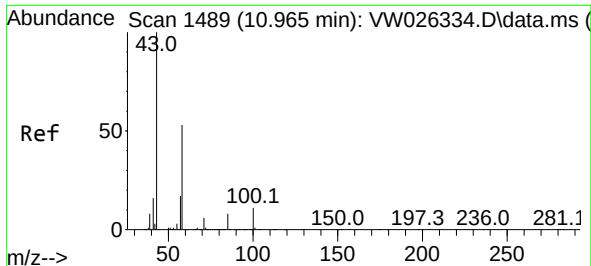
Tgt Ion: 97	Resp: 180894
Ion Ratio	Lower Upper
97 100	
99 63.1	42.4 78.6
83 87.2	60.8 113.0
85 58.2	39.1 72.7



#46
Tetrachloroethene
Concen: 22.533 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt	Ion:164	Resp:	171772
Ion	Ratio	Lower	Upper
164	100		
129	104.4	73.8	137.0
131	94.6	69.0	128.2
166	128.5	91.1	169.3



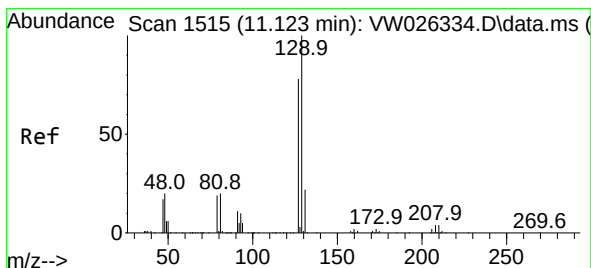
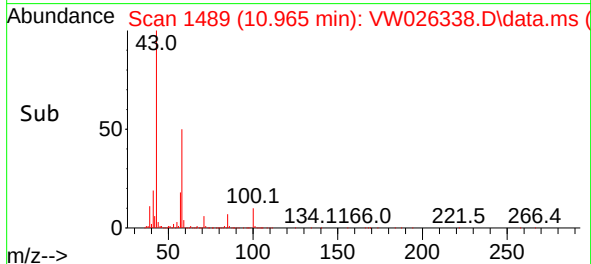
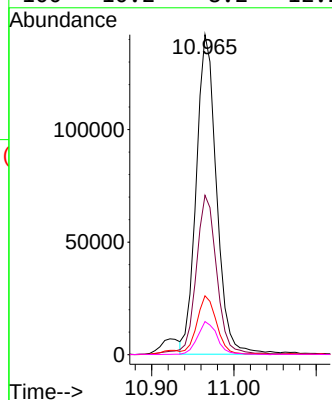
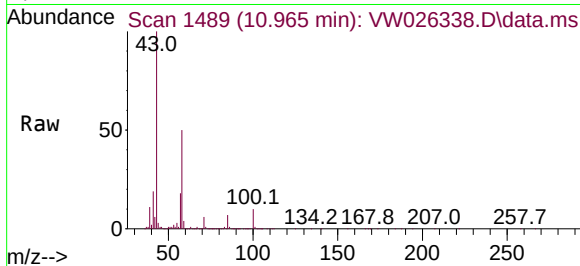


#48
2-Hexanone
Concen: 45.313 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion: 43 Resp: 243670

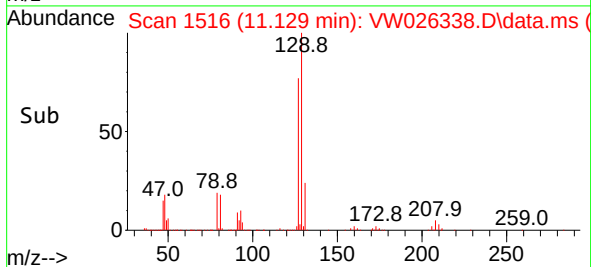
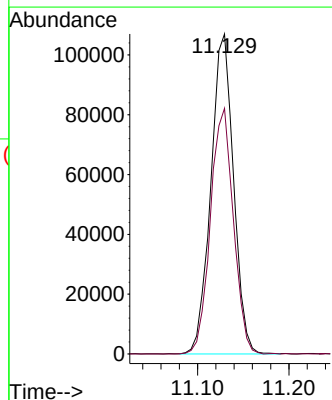
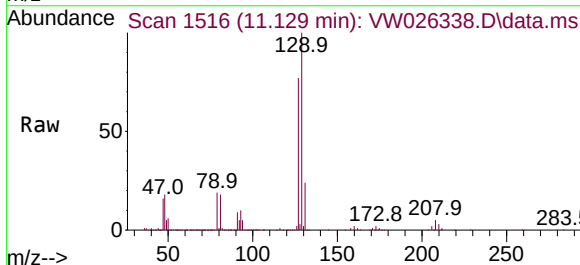
Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.1	60.1
57	17.7	13.4	20.0
100	10.2	8.2	12.2

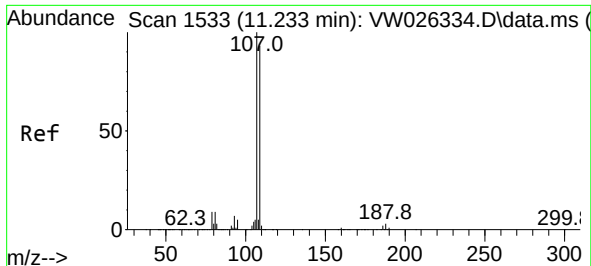


#49
Dibromochloromethane
Concen: 22.755 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 129 Resp: 184203

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.4	101.0

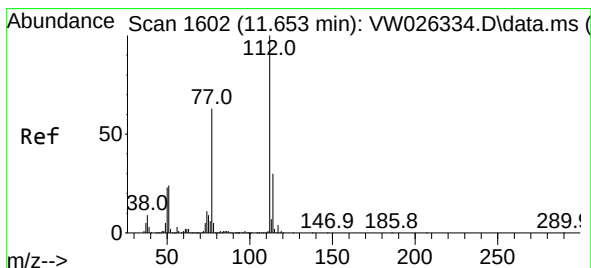
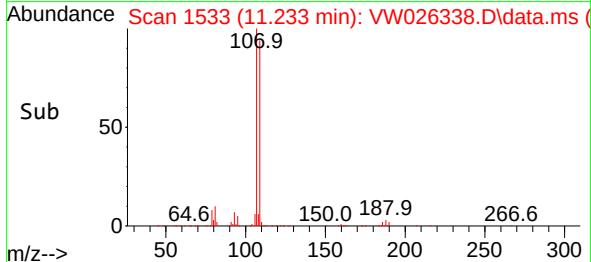
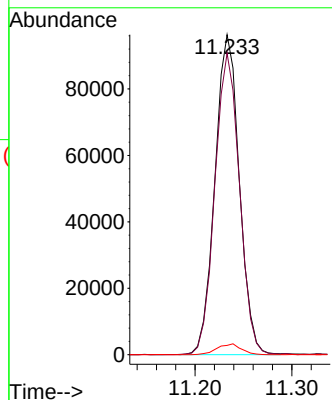
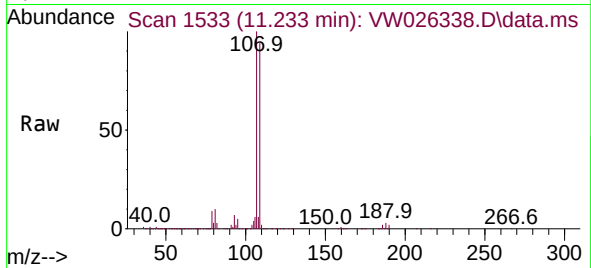




#50
1,2-Dibromoethane
Concen: 23.242 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

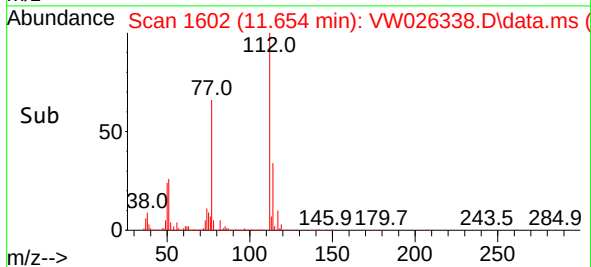
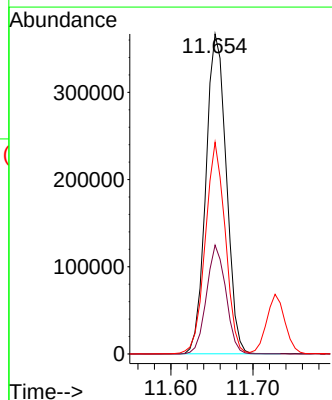
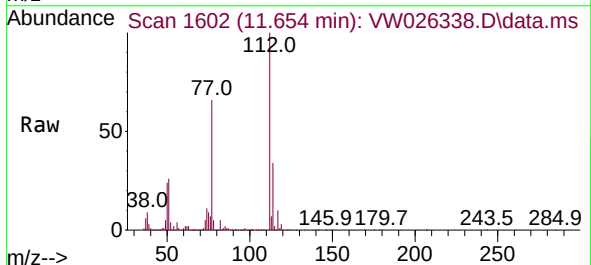
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

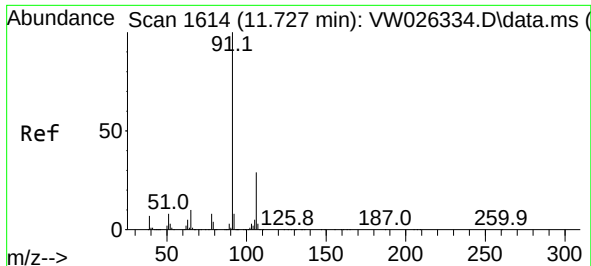
Tgt Ion:107 Resp: 168693
Ion Ratio Lower Upper
107 100
109 94.2 67.1 124.5
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 23.373 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion:112 Resp: 632044
Ion Ratio Lower Upper
112 100
114 34.0 23.0 42.8
77 66.1 53.2 79.8

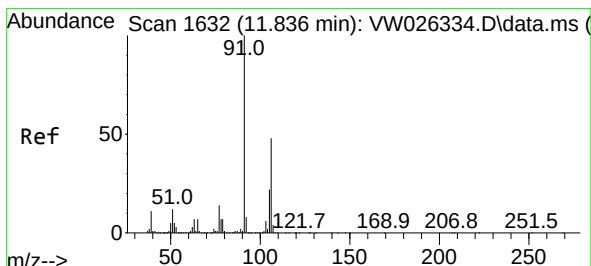
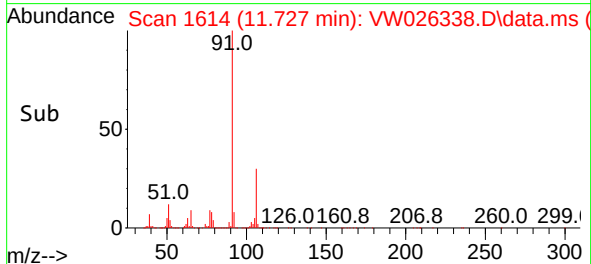
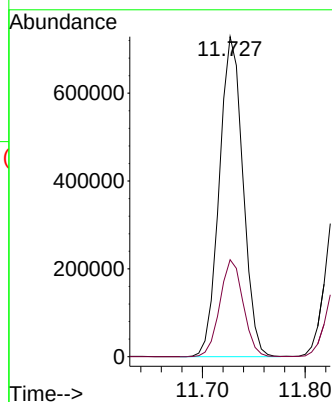
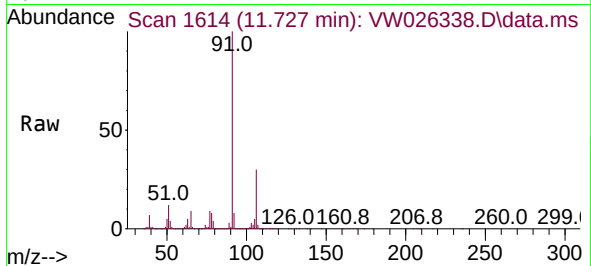




#52
Ethylbenzene
Concen: 24.377 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

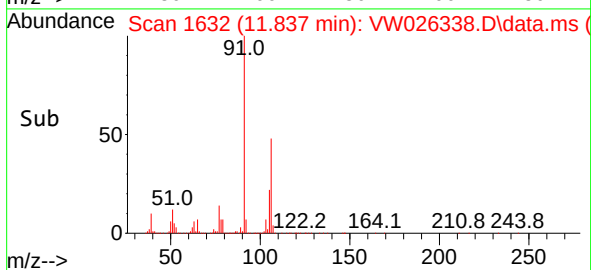
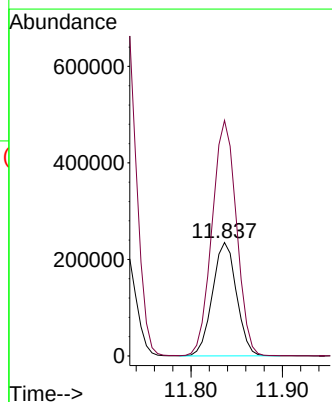
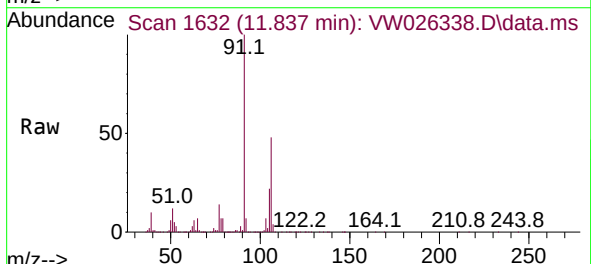
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

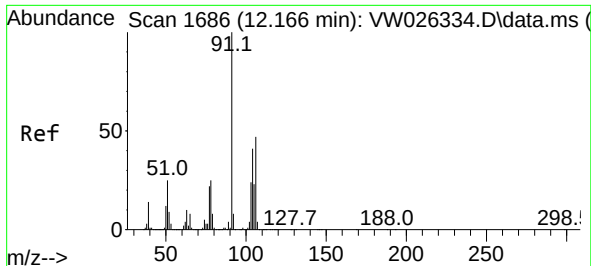
Tgt Ion: 91 Resp: 1164495
Ion Ratio Lower Upper
91 100
106 30.3 19.9 36.9



#53
m,p-Xylene
Concen: 24.623 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 106 Resp: 428984
Ion Ratio Lower Upper
106 100
91 207.7 152.1 282.5

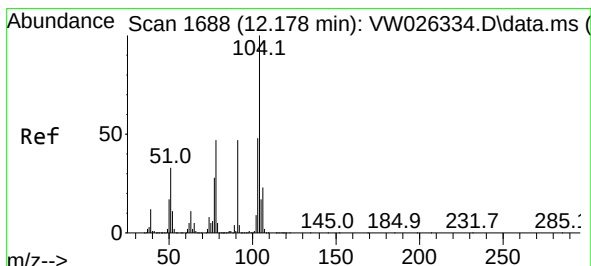
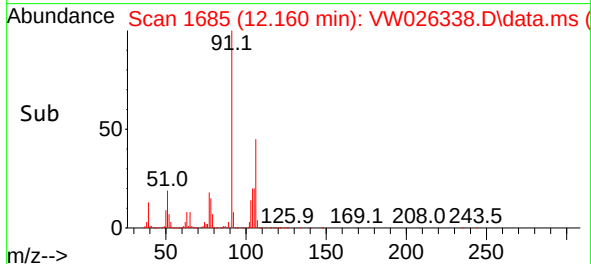
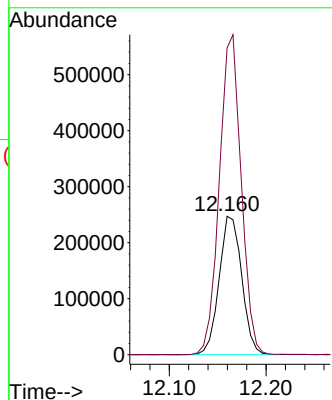
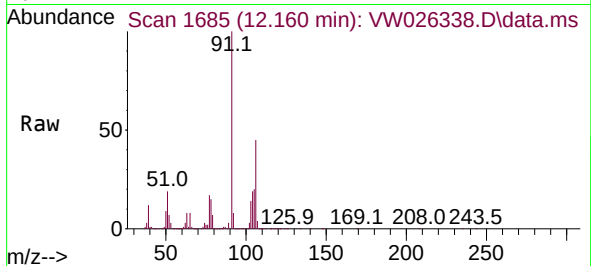




#54
o-Xylene
Concen: 24.373 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

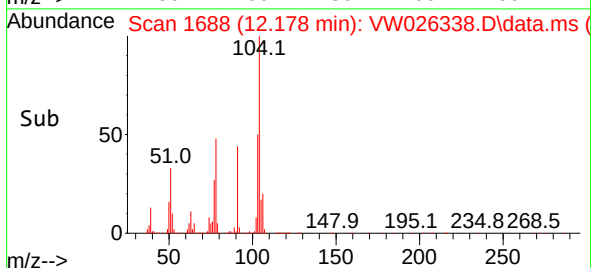
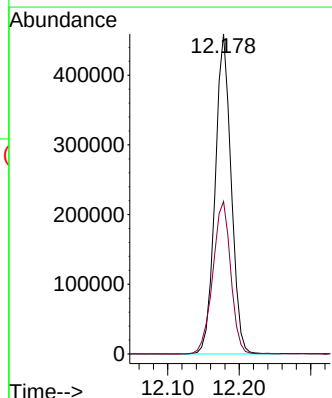
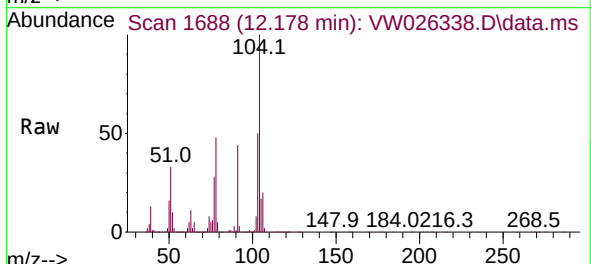
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

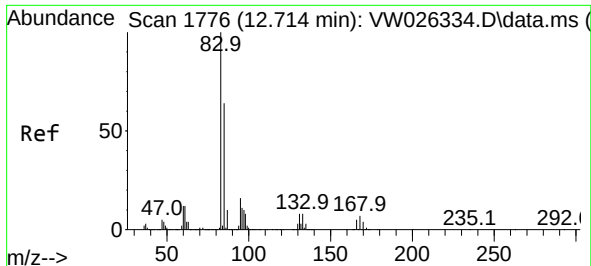
Tgt Ion:106 Resp: 399812
Ion Ratio Lower Upper
106 100
91 221.7 161.5 299.9



#55
Styrene
Concen: 24.935 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion:104 Resp: 713407
Ion Ratio Lower Upper
104 100
78 47.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.711 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

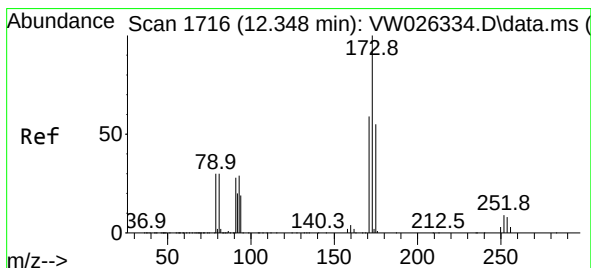
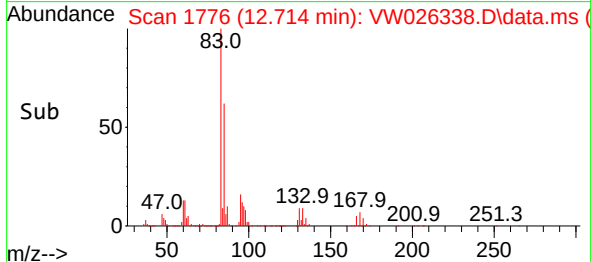
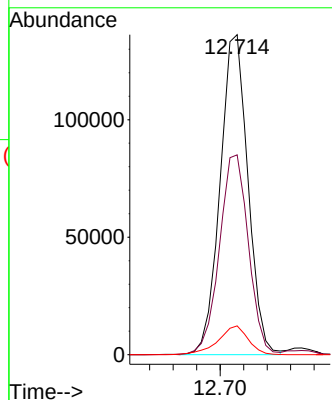
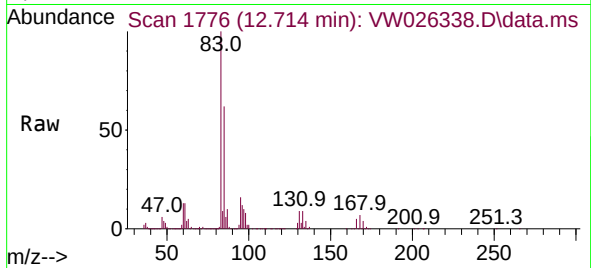
Tgt Ion: 83 Resp: 224421

Ion Ratio Lower Upper

83 100

85 62.5 43.7 81.1

131 9.0 7.4 11.0



#59

Bromoform

Concen: 22.650 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

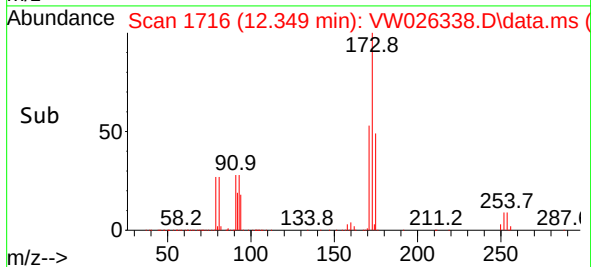
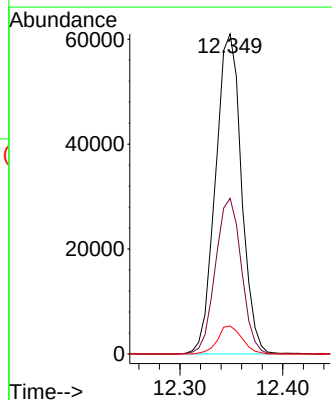
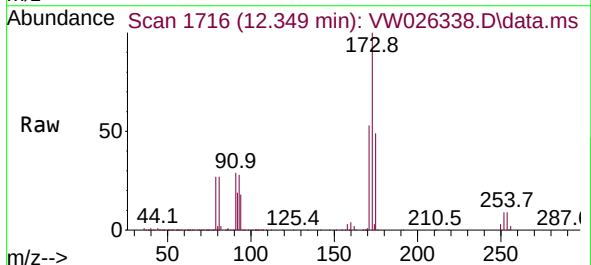
Tgt Ion:173 Resp: 107009

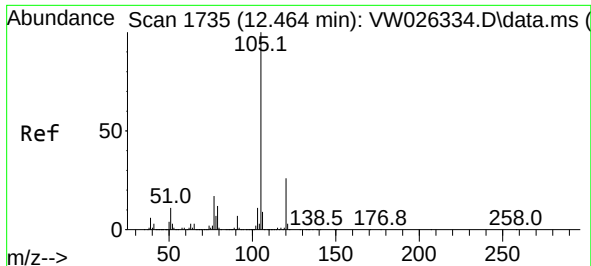
Ion Ratio Lower Upper

173 100

175 48.8 39.7 59.5

254 8.3 7.1 10.7

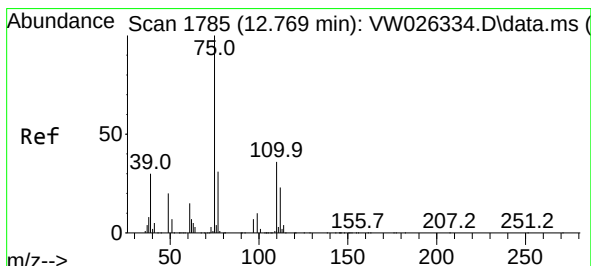
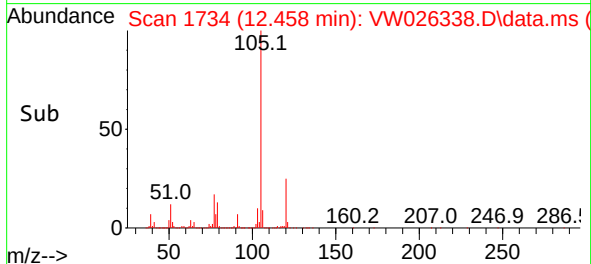
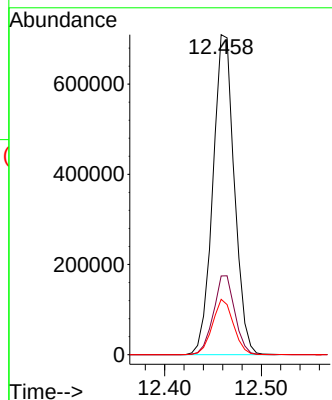
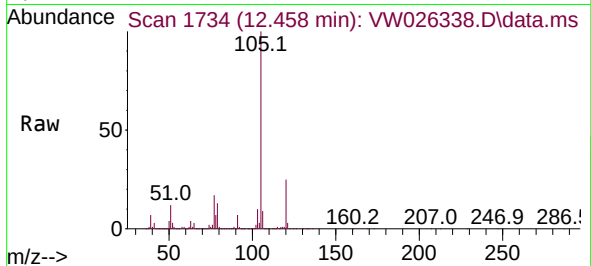




#60
Isopropylbenzene
Concen: 23.276 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

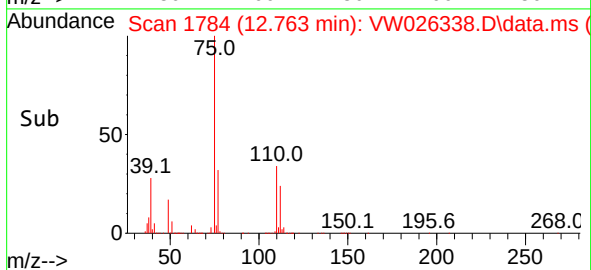
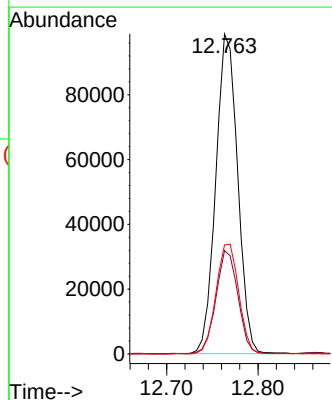
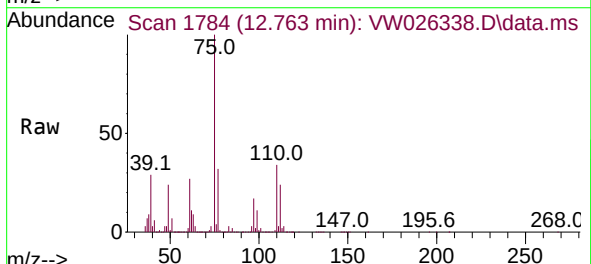
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

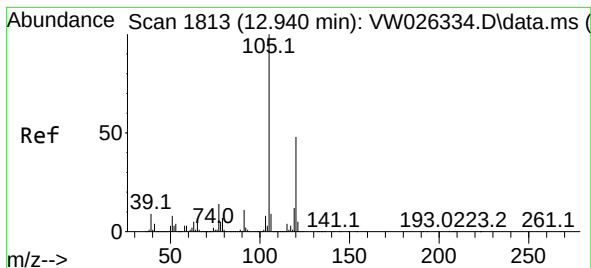
Tgt Ion:105 Resp: 1092510
Ion Ratio Lower Upper
105 100
120 24.6 20.4 30.6
77 16.9 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 21.674 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026338.D
Acq: 26 Jun 2023 16:32

Tgt Ion: 75 Resp: 164539
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9
110 35.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 24.204 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

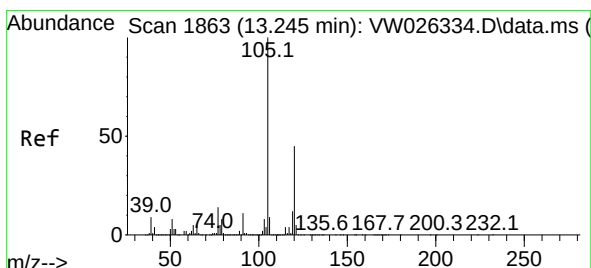
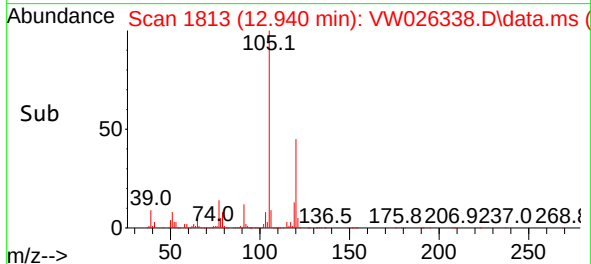
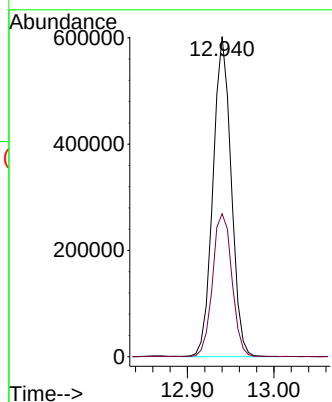
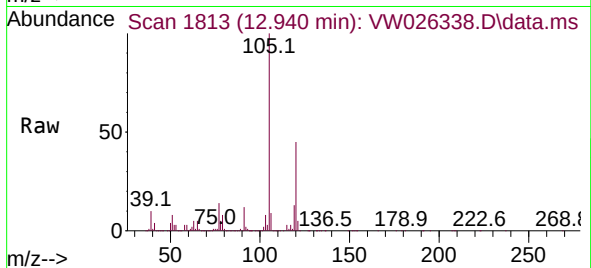
VSTD025535

Tgt Ion:105 Resp: 880676

Ion Ratio Lower Upper

105 100

120 47.3 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 25.349 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026338.D

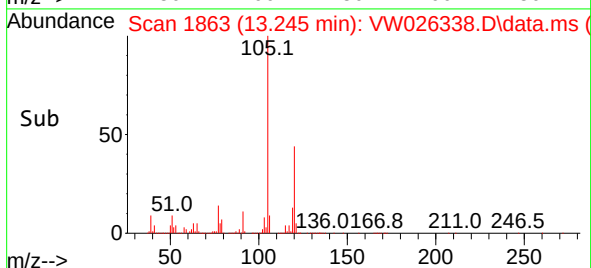
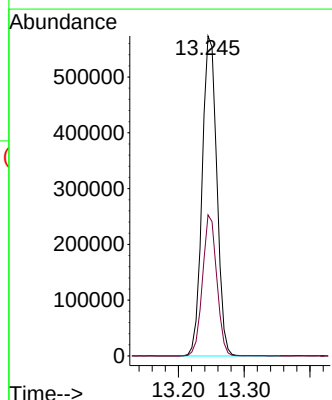
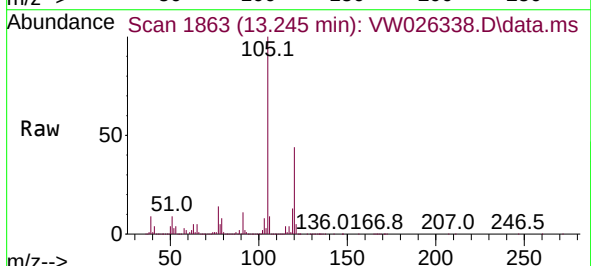
Acq: 26 Jun 2023 16:32

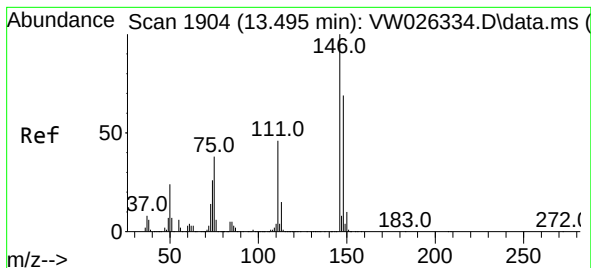
Tgt Ion:105 Resp: 889577

Ion Ratio Lower Upper

105 100

120 42.9 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 22.700 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

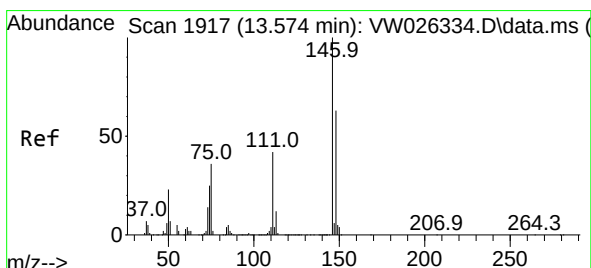
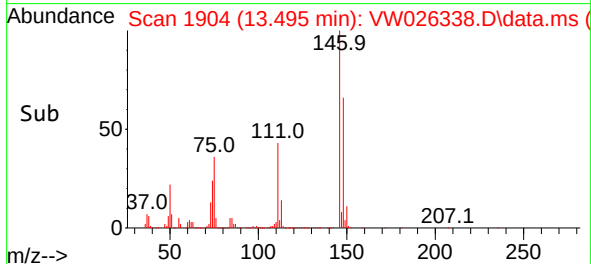
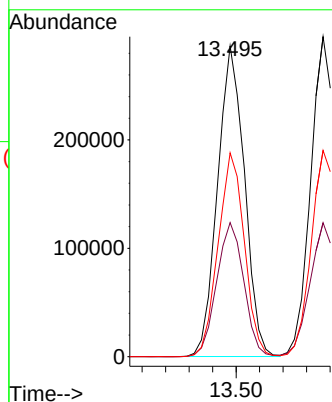
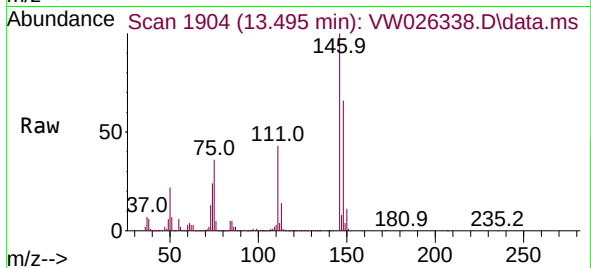
Tgt Ion:146 Resp: 456372

Ion Ratio Lower Upper

146 100

111 43.2 30.8 57.2

148 65.6 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 22.899 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

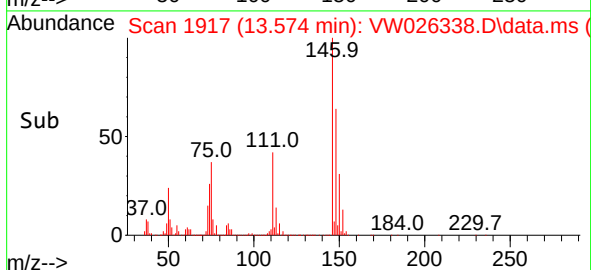
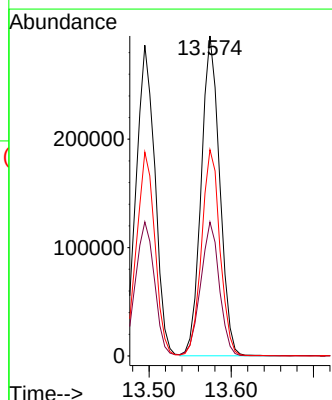
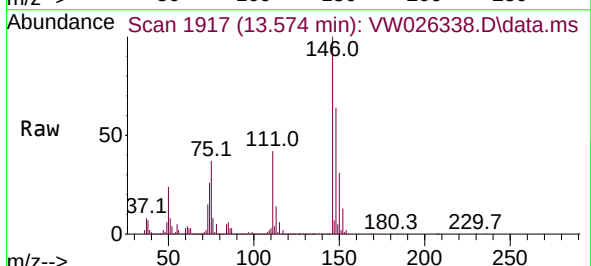
Tgt Ion:146 Resp: 460720

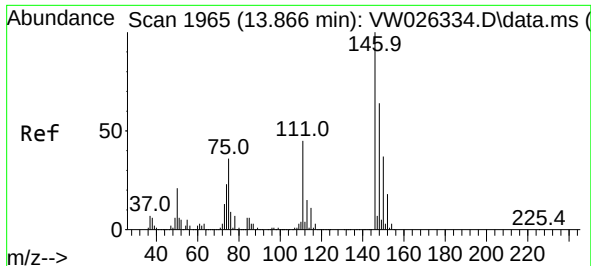
Ion Ratio Lower Upper

146 100

111 41.9 30.0 55.8

148 64.5 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 23.117 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

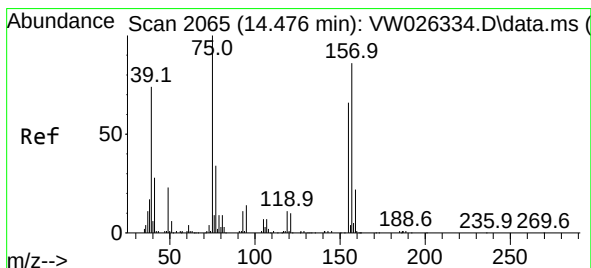
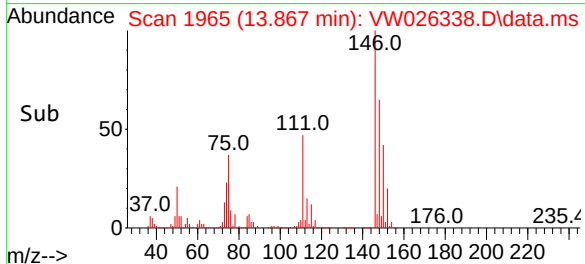
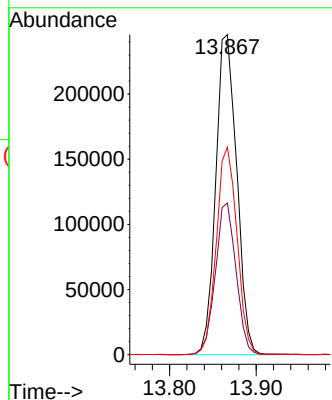
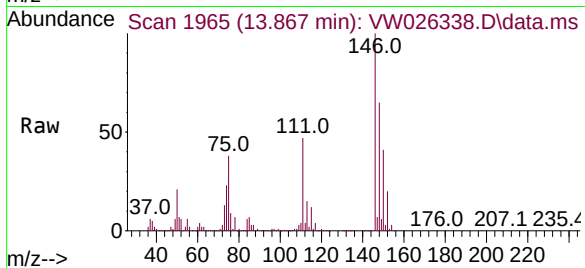
Tgt Ion:146 Resp: 413925

Ion Ratio Lower Upper

146 100

111 47.4 36.0 54.0

148 64.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.728 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

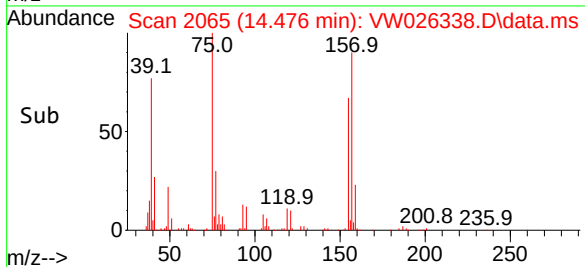
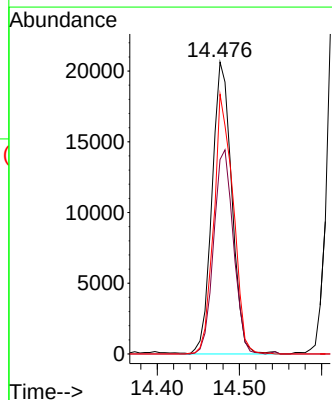
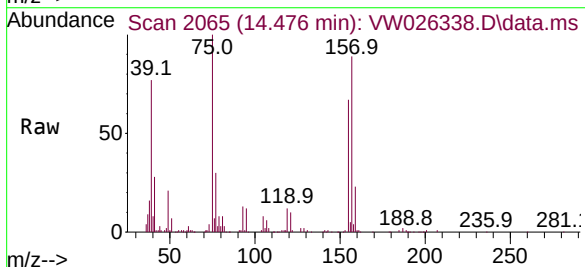
Tgt Ion: 75 Resp: 34518

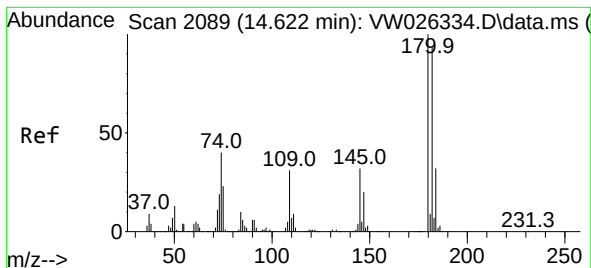
Ion Ratio Lower Upper

75 100

155 66.6 57.5 86.3

157 89.0 73.4 110.0





#69

1,3,5-Trichlorobenzene

Concen: 23.756 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion:180 Resp: 306890

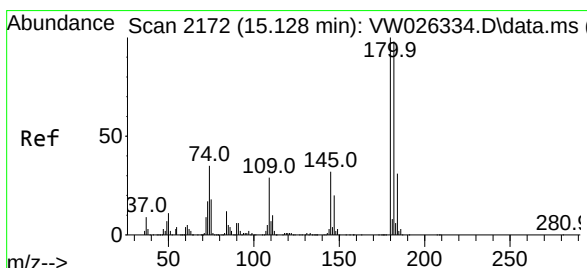
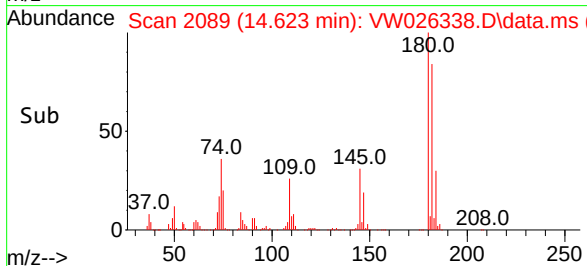
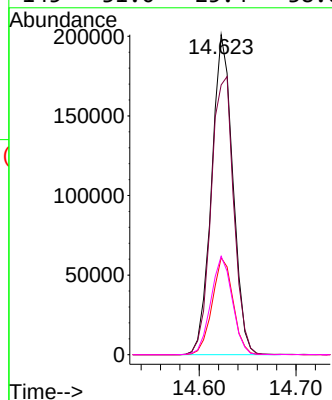
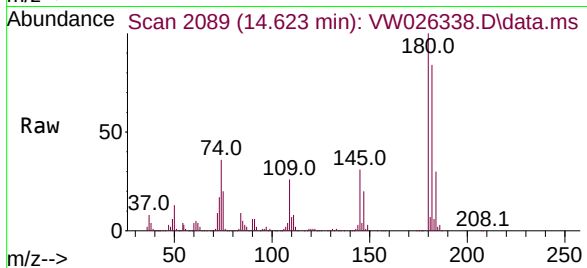
Ion Ratio Lower Upper

180 100

182 92.6 74.2 111.4

184 29.8 23.8 35.6

145 31.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.674 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

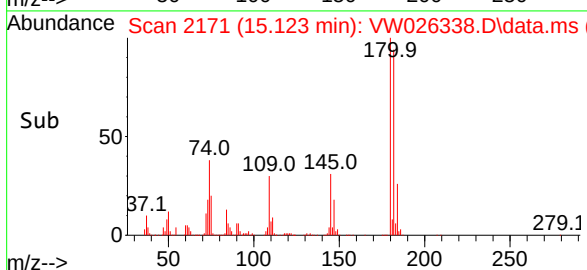
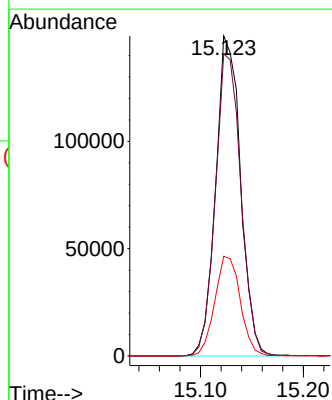
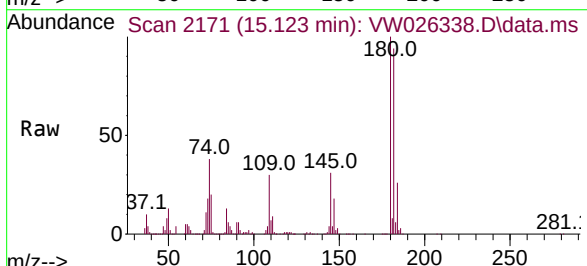
Tgt Ion:180 Resp: 250287

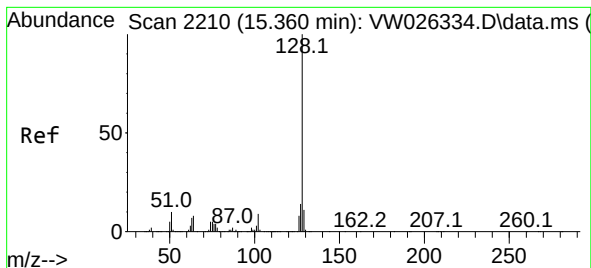
Ion Ratio Lower Upper

180 100

182 96.6 75.6 113.4

145 32.0 24.7 37.1





#71

Naphthalene

Concen: 24.719 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

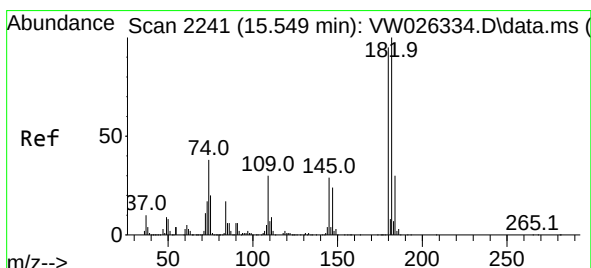
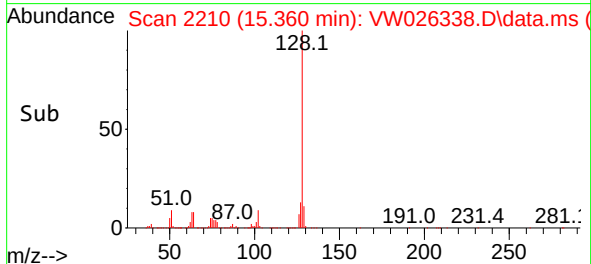
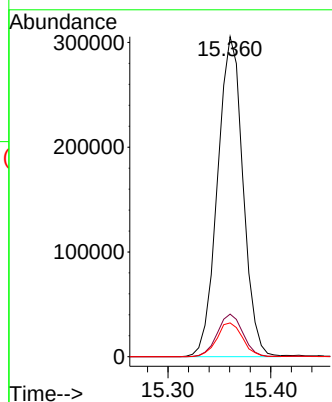
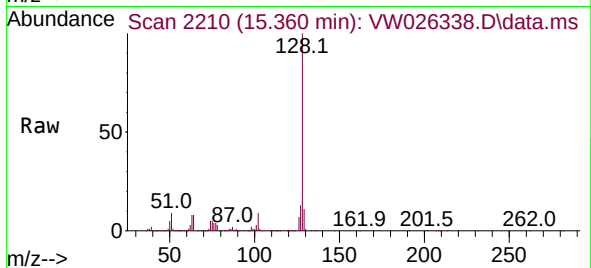
Tgt Ion:128 Resp: 525324

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 21.916 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026338.D

Acq: 26 Jun 2023 16:32

Tgt Ion:180 Resp: 216326

Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

145 33.9 28.5 42.7

