

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060723\
 Data File : VW026120.D
 Acq On : 07 Jun 2023 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Jun 08 00:18:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	695242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	623755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307147	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	253195	25.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.560%
7) Chloroethane-d5	2.899	69	209983	28.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.720%
11) 1,1-Dichloroethene-d2	4.021	65	125995	26.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.520%
21) 2-Butanone-d5	7.075	46	142573	50.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.140%
24) Chloroform-d	7.648	84	513751	25.234	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.307	65	272702	24.495	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	8.270	84	1057412	25.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.760%
36) 1,2-Dichloropropane-d6	9.270	67	329643	24.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.319	98	911277	24.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	10.575	79	122303	23.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.840%
47) 2-Hexanone-d5	10.922	63	99708	47.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238347	24.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	268620	22.849	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	220358	25.855	ug/L	99
3) Chloromethane	2.223	50	305497	27.955	ug/L	98
5) Vinyl chloride	2.375	62	337429	28.886	ug/L	99
6) Bromomethane	2.790	94	176502	27.717	ug/L	97
8) Chloroethane	2.930	64	192937	30.565	ug/L	95
9) Trichlorofluoromethane	3.259	101	212531	28.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	265206	27.967	ug/L	97
12) 1,1-Dichloroethene	4.045	96	246276	27.822	ug/L	84
13) Acetone	4.119	43	138239	62.742	ug/L	100
14) Carbon disulfide	4.387	76	843050	26.979	ug/L	99
15) Methyl Acetate	4.667	43	131001	26.492	ug/L	98
16) Methylene chloride	4.911	84	255369	23.013	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	261281	26.308	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	366542	23.417	ug/L	99
19) 1,1-Dichloroethane	6.216	63	534340	26.427	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	275771	26.214	ug/L	98
22) 2-Butanone	7.167	43	186176	59.236	ug/L	98
23) Bromochloromethane	7.514	128	113381	25.271	ug/L	94
25) Chloroform	7.673	83	486661	25.842	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060723\
 Data File : VW026120.D
 Acq On : 07 Jun 2023 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Jun 08 00:18:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

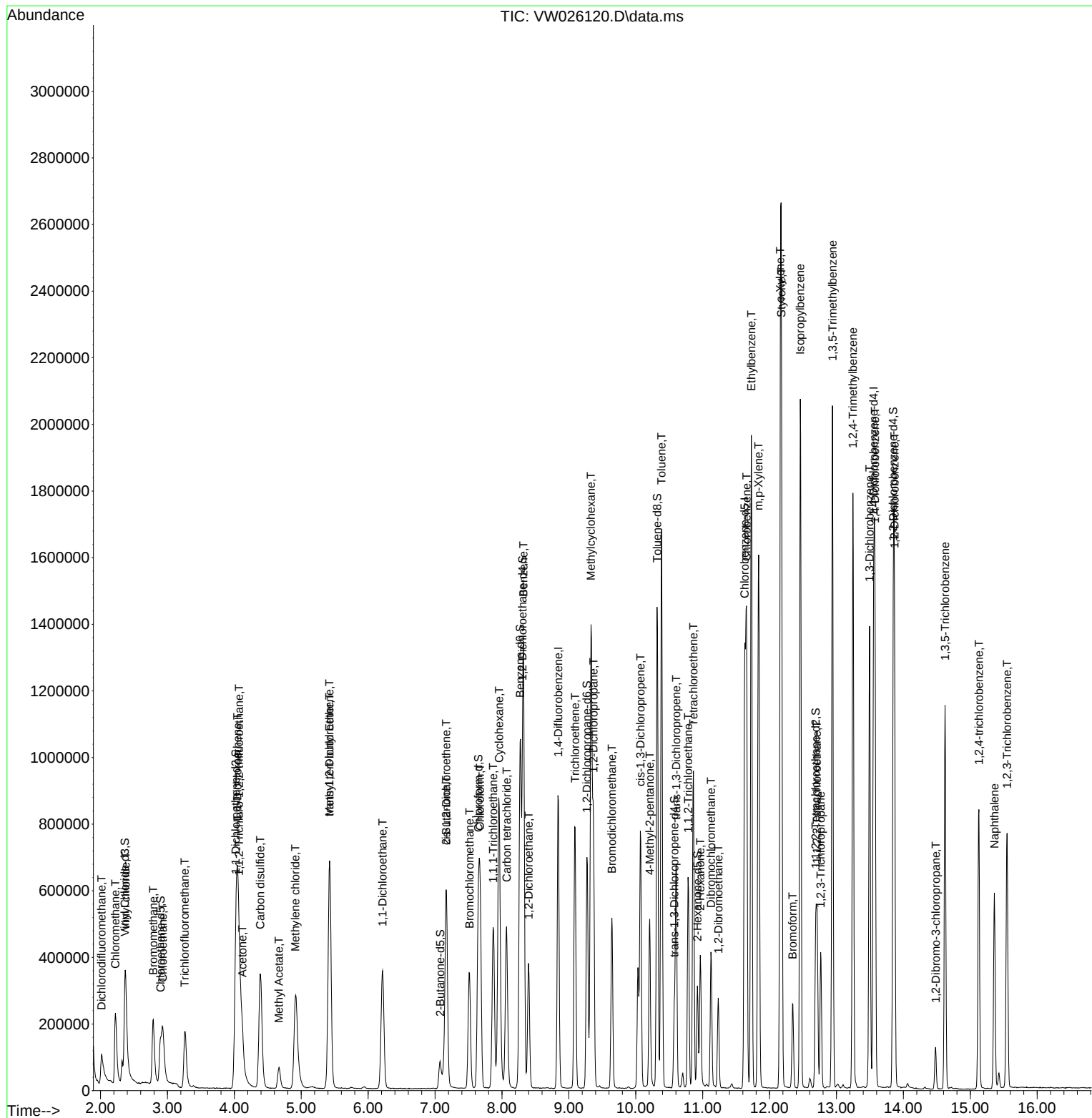
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	331873	25.552	ug/L	99
29) Cyclohexane	7.959	56	515588	26.774	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	394592	26.068	ug/L	99
31) Carbon tetrachloride	8.069	117	366564	26.538	ug/L	97
33) Benzene	8.319	78	1123097	26.284	ug/L	100
34) Trichloroethene	9.093	95	277537	25.366	ug/L	98
35) Methylcyclohexane	9.331	83	523143	27.021	ug/L	100
37) 1,2-Dichloropropane	9.368	63	298911	25.827	ug/L	100
38) Bromodichloromethane	9.642	83	343271	25.530	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	441523	25.960	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	353404	51.794	ug/L	100
42) Toluene	10.386	91	1169021	26.748	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	363771	25.674	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	194081	25.445	ug/L	99
46) Tetrachloroethene	10.861	164	205948	26.612	ug/L	96
48) 2-Hexanone	10.965	43	261583	54.371	ug/L	99
49) Dibromochloromethane	11.123	129	203408	25.435	ug/L	88
50) 1,2-Dibromoethane	11.233	107	177328	25.108	ug/L	93
51) Chlorobenzene	11.654	112	699167	25.529	ug/L	99
52) Ethylbenzene	11.727	91	1301886	26.407	ug/L	99
53) m,p-Xylene	11.837	106	488360	26.627	ug/L	91
54) o-Xylene	12.160	106	453442	26.194	ug/L	94
55) Styrene	12.178	104	802508	27.022	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	233364	25.280	ug/L	98
59) Bromoform	12.343	173	111270	24.120	ug/L	98
60) Isopropylbenzene	12.459	105	1264501	26.207	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168587	24.504	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1003294	26.157	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	923775	26.295	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	514814	25.376	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	513833	25.157	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	444664	24.408	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	34131	21.412	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	321621	23.078	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	248729	21.630	ug/L	95
71) Naphthalene	15.360	128	466858	22.779	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	243153	24.194	ug/L	97

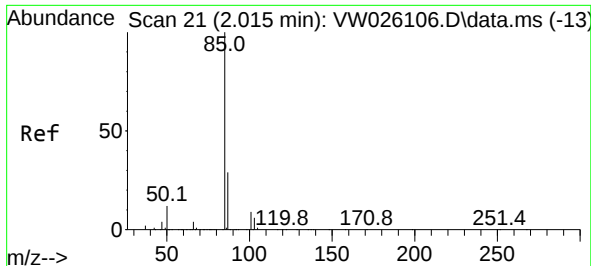
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060723\
 Data File : VW026120.D
 Acq On : 07 Jun 2023 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Jun 08 00:18:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

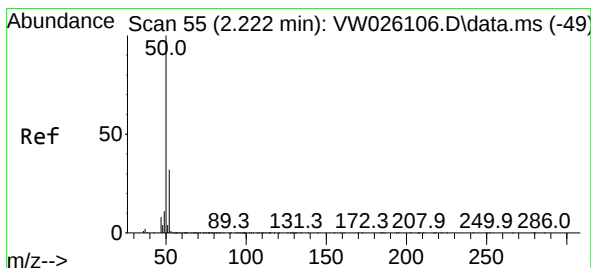
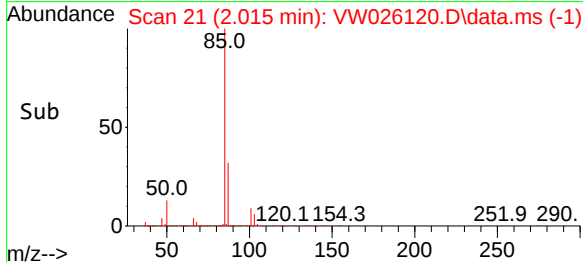
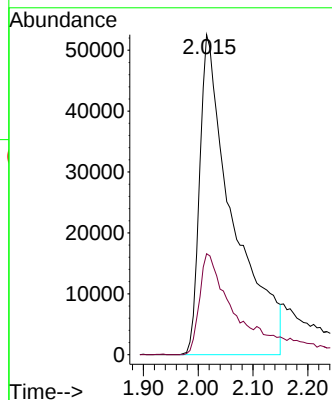
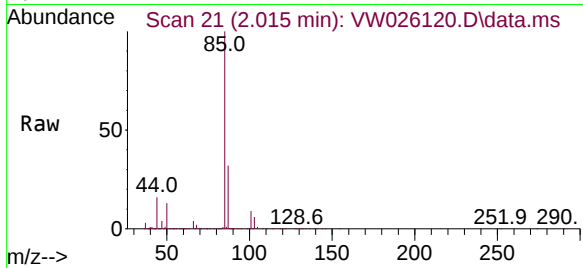




#2
 Dichlorodifluoromethane
 Concen: 25.855 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026120.D
 Acq: 07 Jun 2023 08:44

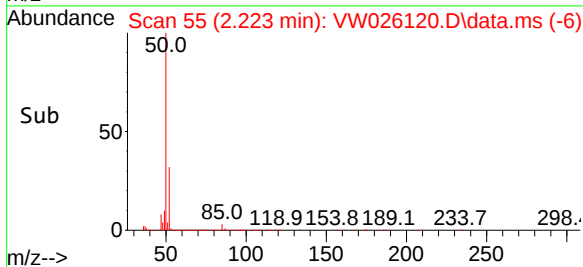
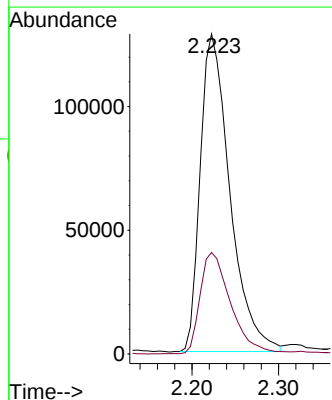
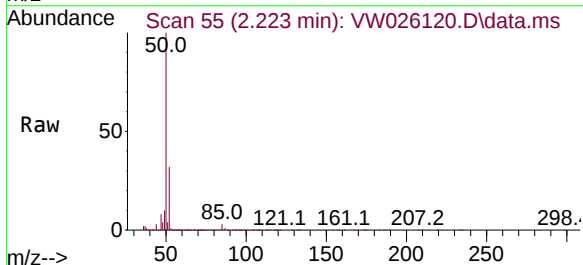
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

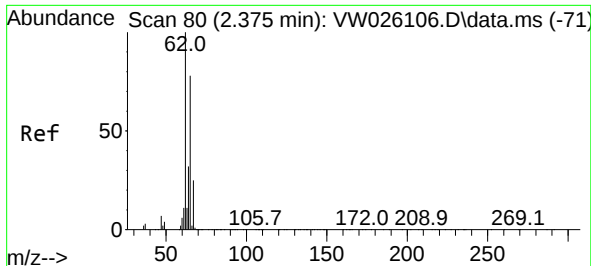
Tgt Ion: 85 Resp: 220358
 Ion Ratio Lower Upper
 85 100
 87 28.1 22.2 33.2



#3
 Chloromethane
 Concen: 27.955 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026120.D
 Acq: 07 Jun 2023 08:44

Tgt Ion: 50 Resp: 305497
 Ion Ratio Lower Upper
 50 100
 52 31.7 21.3 39.6

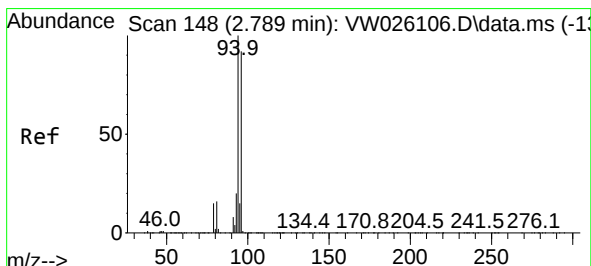
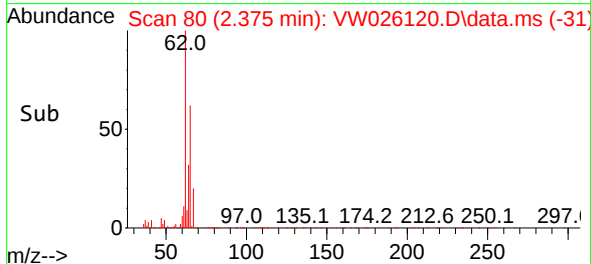
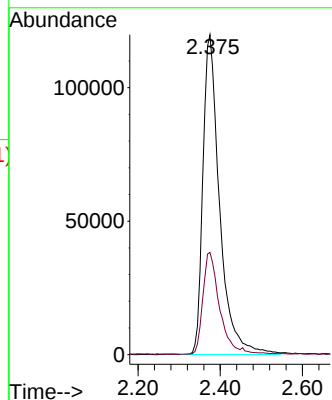
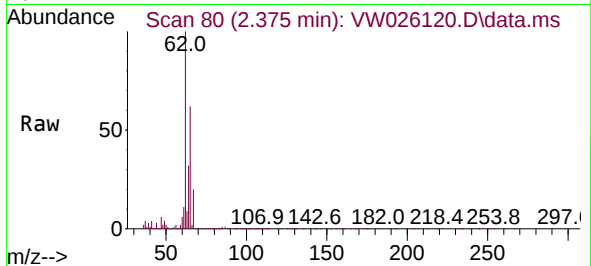




#5
 Vinyl chloride
 Concen: 28.886 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026120.D
 Acq: 07 Jun 2023 08:44

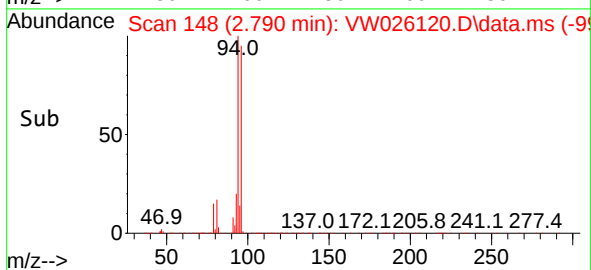
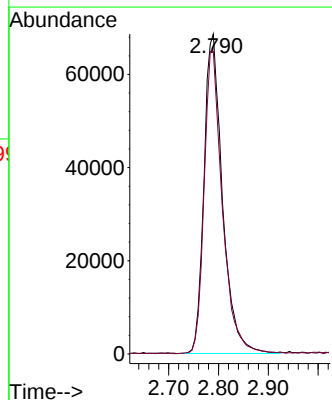
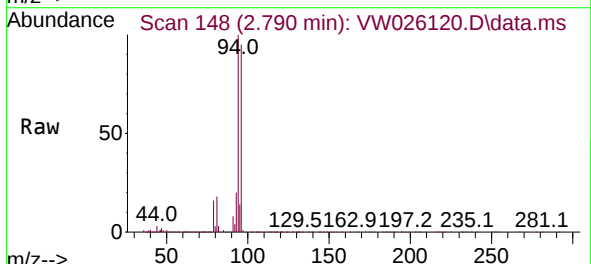
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

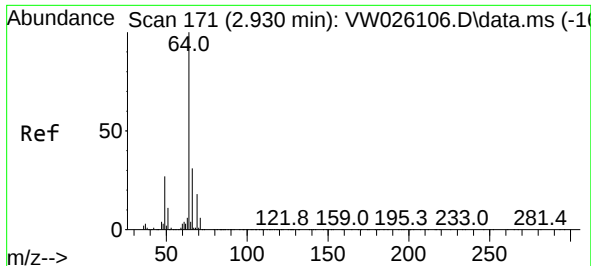
Tgt Ion: 62 Resp: 337429
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.1



#6
 Bromomethane
 Concen: 27.717 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026120.D
 Acq: 07 Jun 2023 08:44

Tgt Ion: 94 Resp: 176502
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.2 119.2

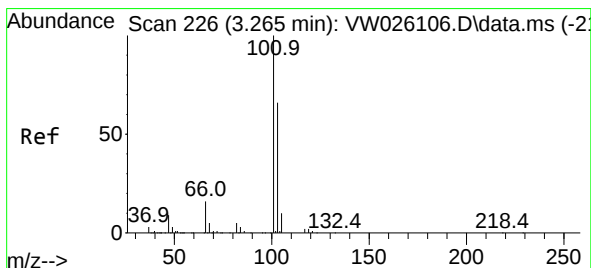
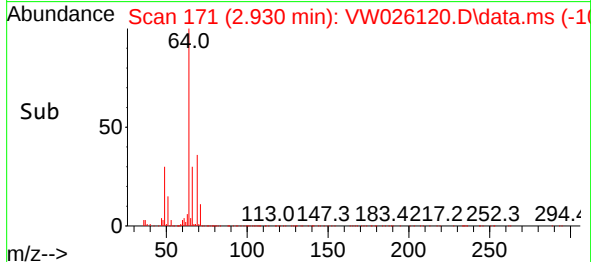
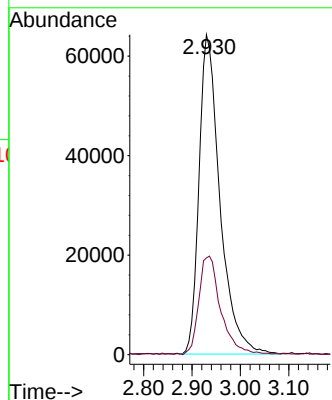
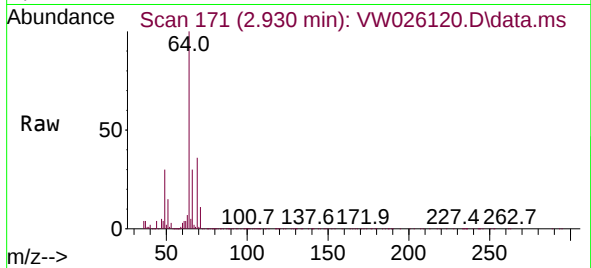




#8
Chloroethane
Concen: 30.565 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

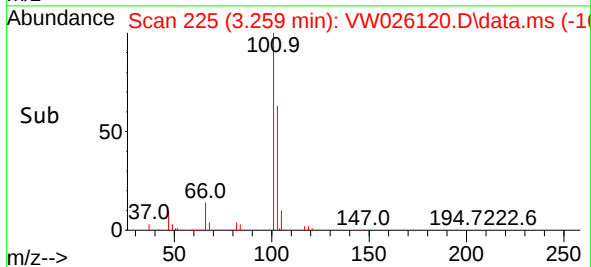
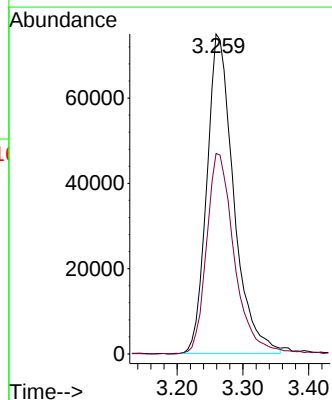
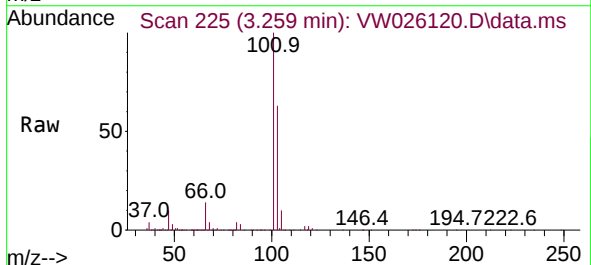
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

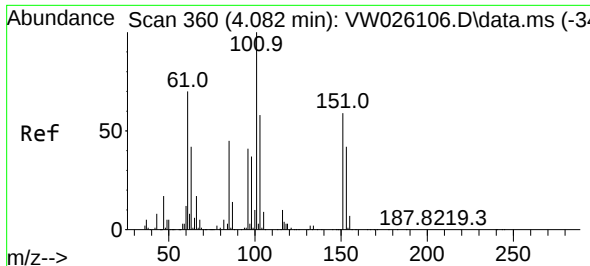
Tgt Ion: 64 Resp: 192937
Ion Ratio Lower Upper
64 100
66 30.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 28.281 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 101 Resp: 212531
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

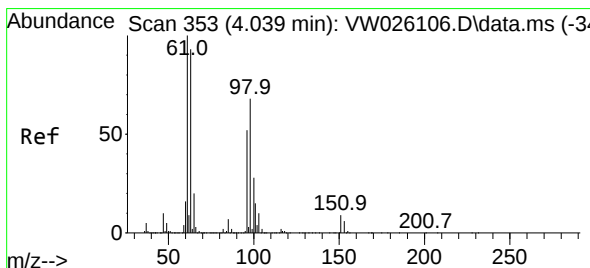
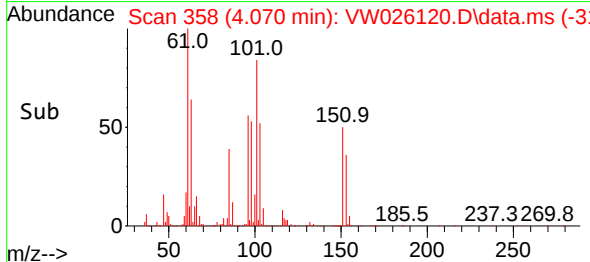
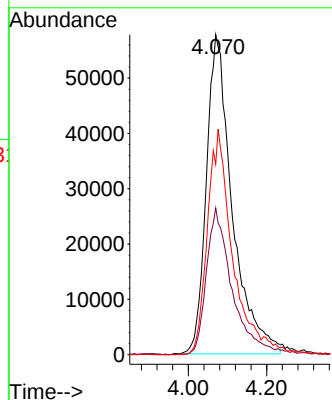
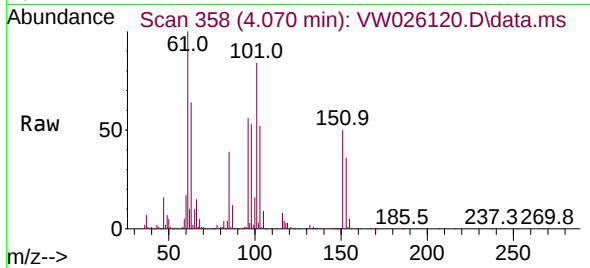




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.967 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW026120.D
 Acq: 07 Jun 2023 08:44

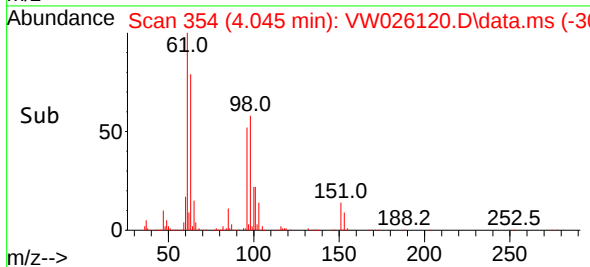
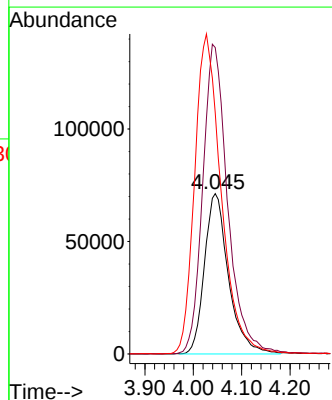
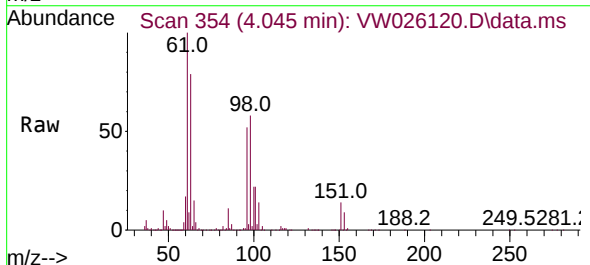
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

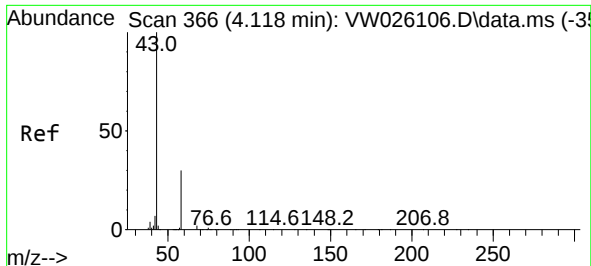
Tgt Ion:101 Resp: 265206
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.1 54.1
 151 65.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 27.822 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026120.D
 Acq: 07 Jun 2023 08:44

Tgt Ion: 96 Resp: 246276
 Ion Ratio Lower Upper
 96 100
 61 191.1 140.6 261.0
 63 150.3 131.7 244.5





#13

Acetone

Concen: 62.742 ug/L

RT: 4.119 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

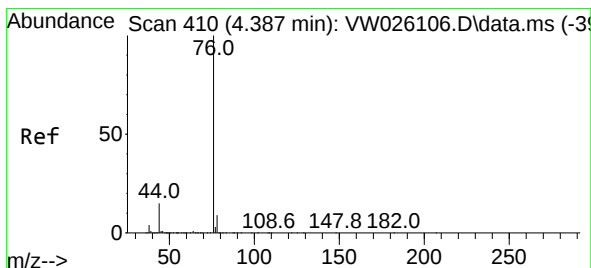
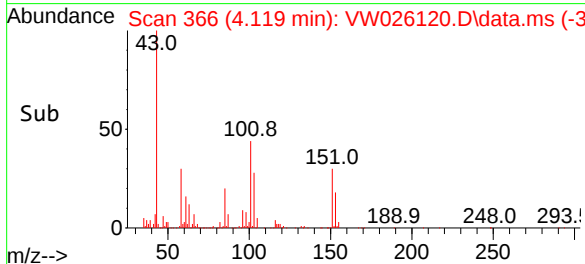
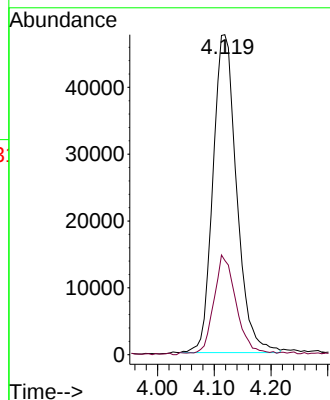
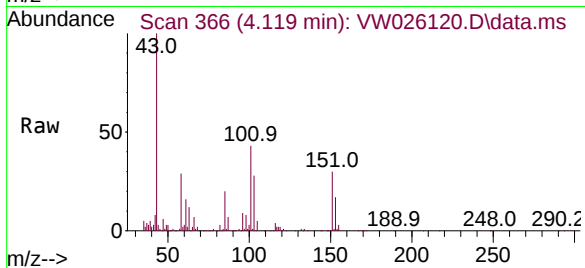
VSTD025508

Tgt Ion: 43 Resp: 138239

Ion Ratio Lower Upper

43 100

58 28.9 0.0 58.2



#14

Carbon disulfide

Concen: 26.979 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW026120.D

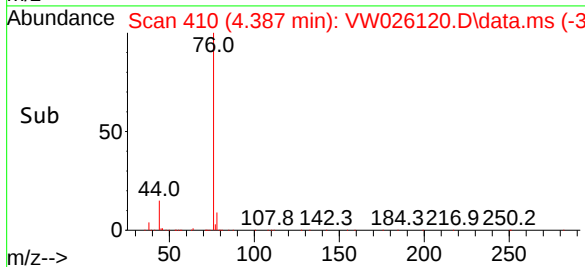
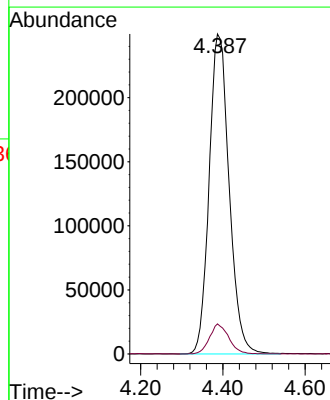
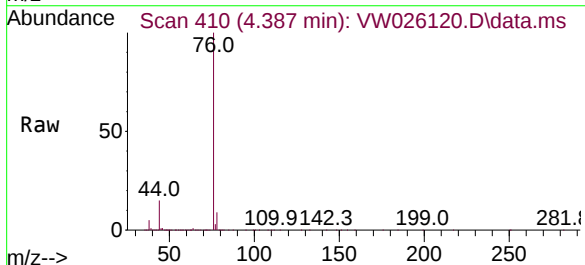
Acq: 07 Jun 2023 08:44

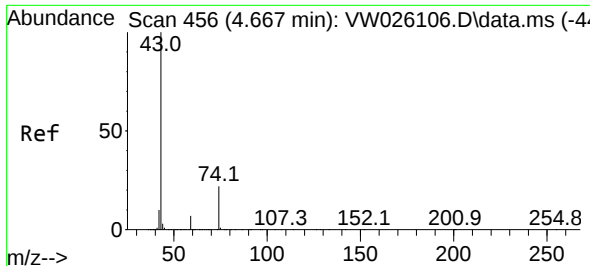
Tgt Ion: 76 Resp: 843050

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

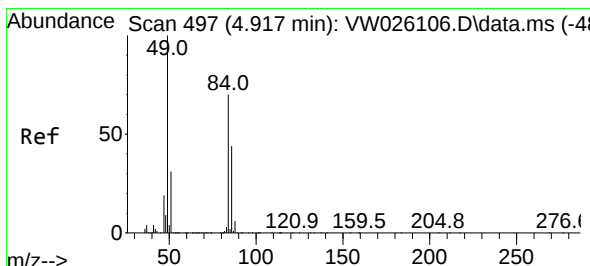
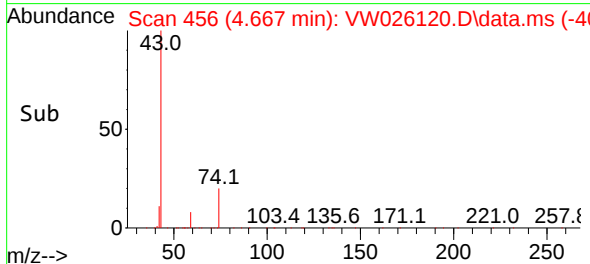
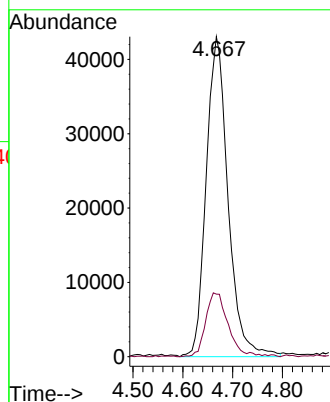
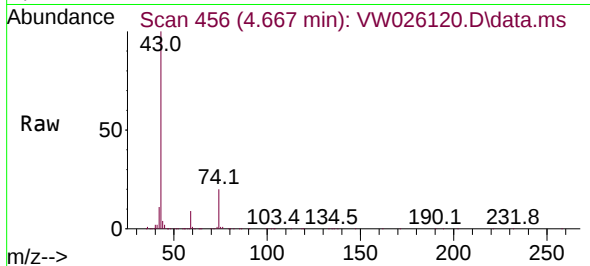




#15
Methyl Acetate
Concen: 26.492 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

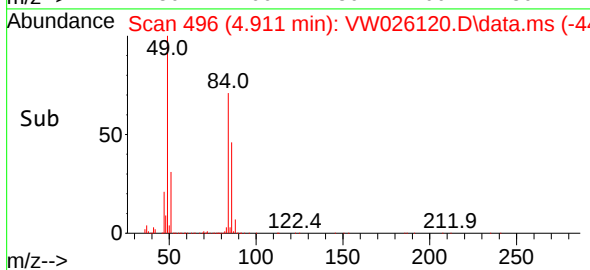
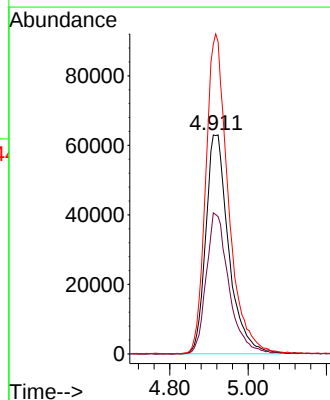
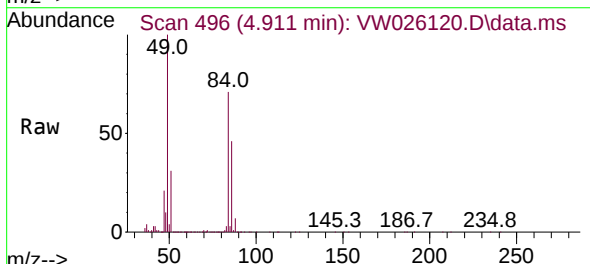
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

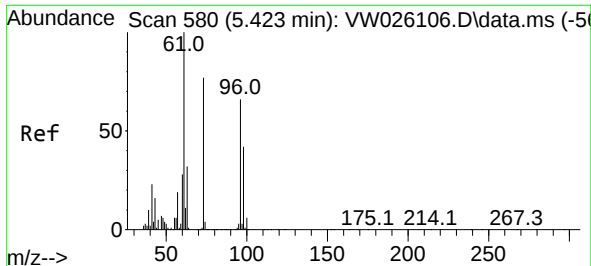
Tgt Ion: 43 Resp: 131001
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0



#16
Methylene chloride
Concen: 23.013 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 84 Resp: 255369
Ion Ratio Lower Upper
84 100
86 64.4 44.2 82.0
49 141.4 98.8 183.6

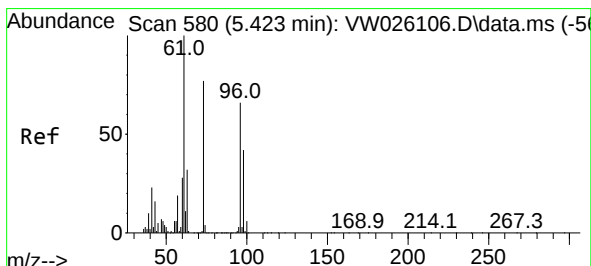
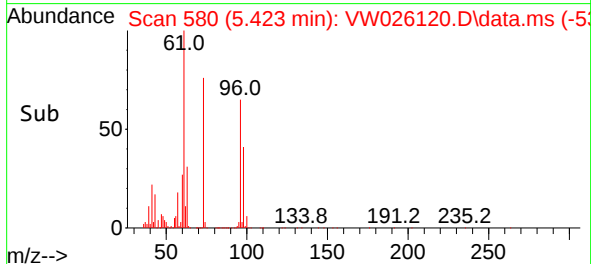
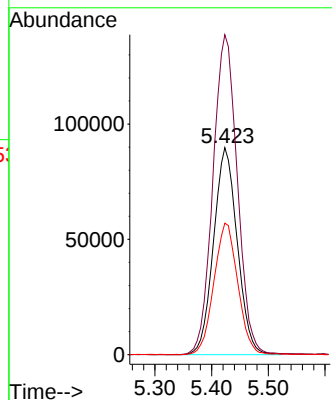
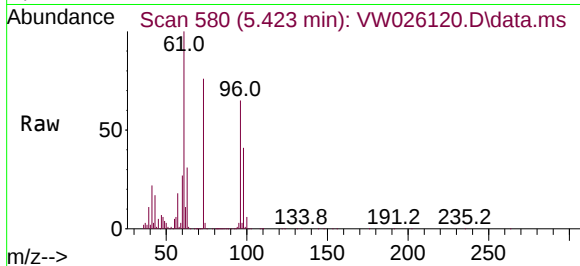




#17
trans-1,2-Dichloroethene
Concen: 26.308 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

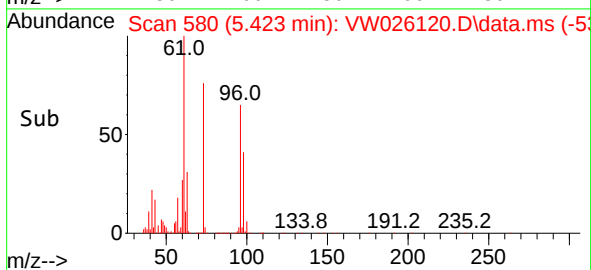
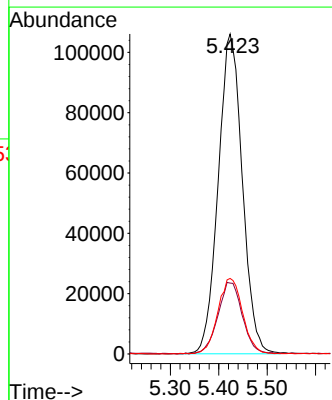
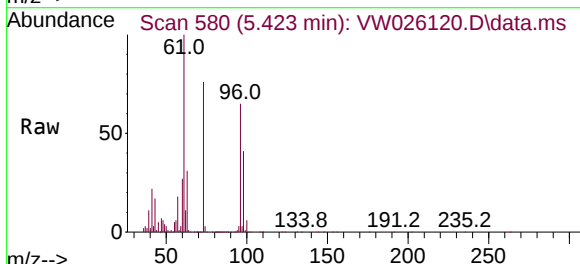
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

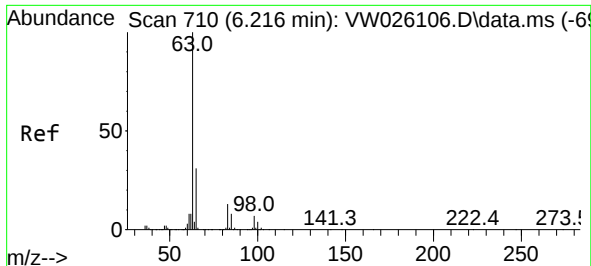
Tgt Ion: 96 Resp: 261281
Ion Ratio Lower Upper
96 100
61 154.6 113.0 209.8
98 63.5 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 23.417 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 73 Resp: 366542
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 23.9 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.427 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

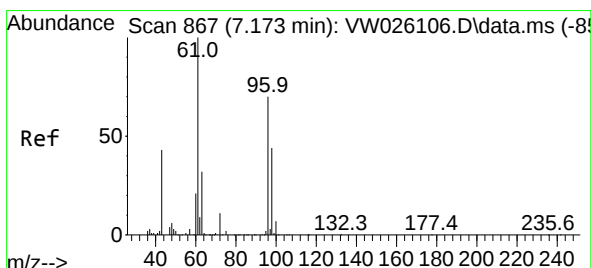
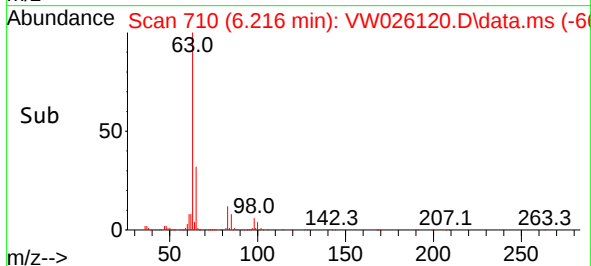
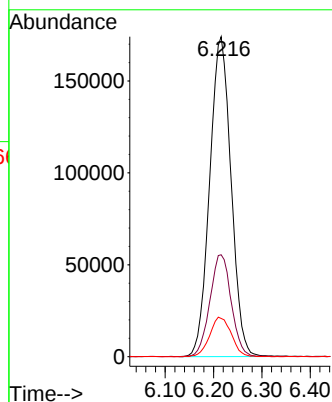
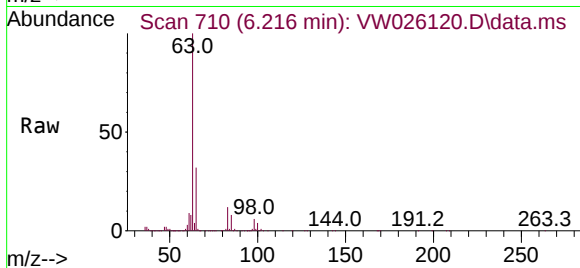
Tgt Ion: 63 Resp: 534340

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 12.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 26.214 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

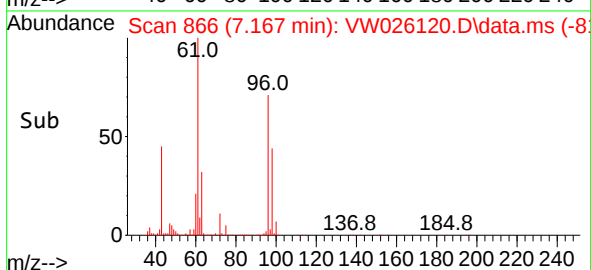
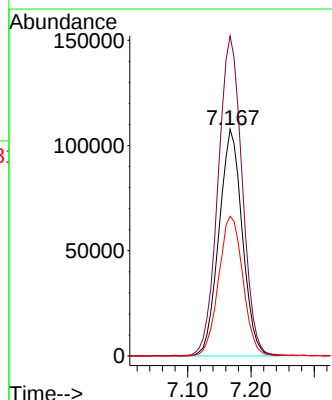
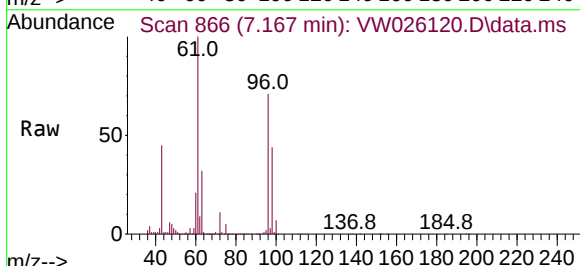
Tgt Ion: 96 Resp: 275771

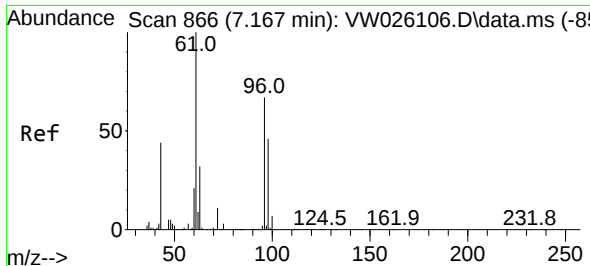
Ion Ratio Lower Upper

96 100

61 141.3 98.4 182.8

98 61.6 45.2 84.0

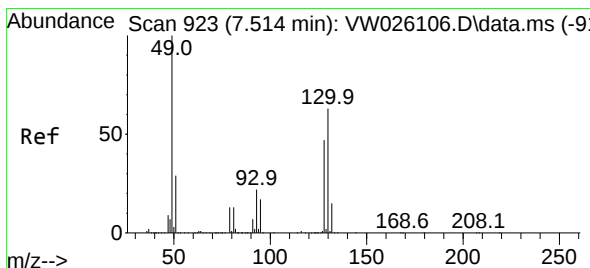
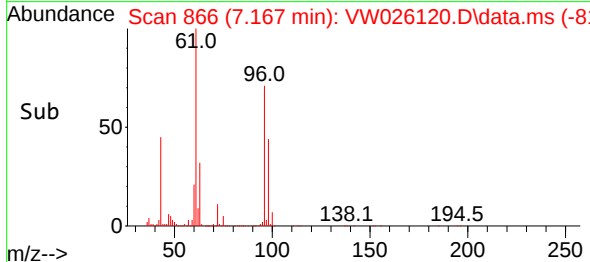
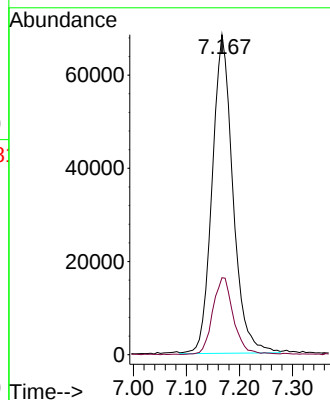
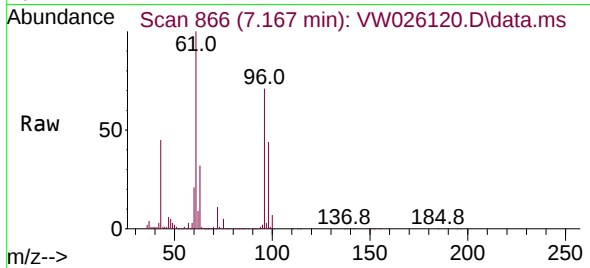




#22
2-Butanone
Concen: 59.236 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

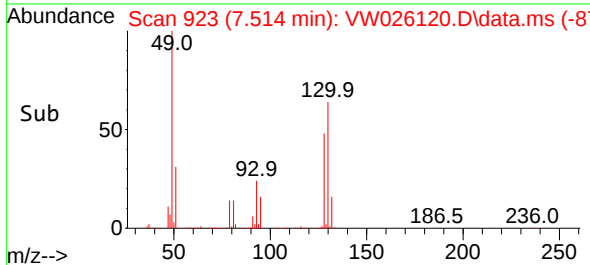
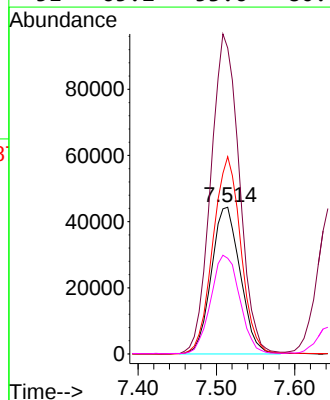
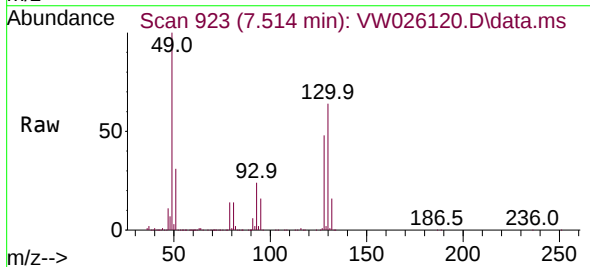
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

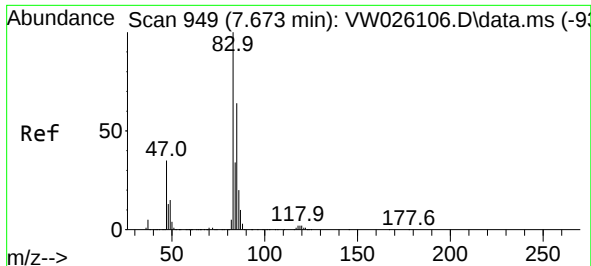
Tgt Ion: 43 Resp: 186176
Ion Ratio Lower Upper
43 100
72 23.7 12.4 37.4



#23
Bromochloromethane
Concen: 25.271 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 128 Resp: 113381
Ion Ratio Lower Upper
128 100
49 208.5 140.6 261.0
130 134.4 86.0 159.6
51 65.2 53.6 80.4

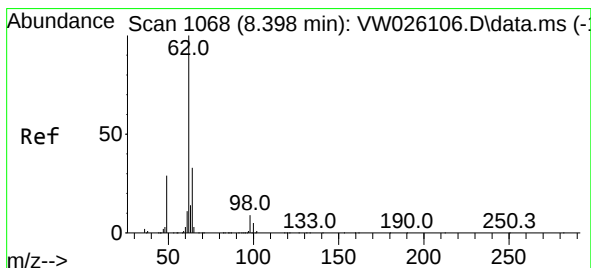
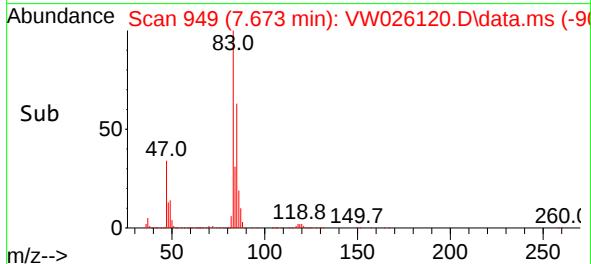
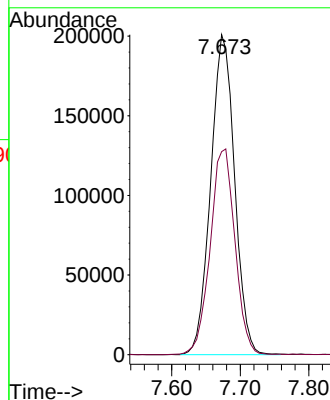
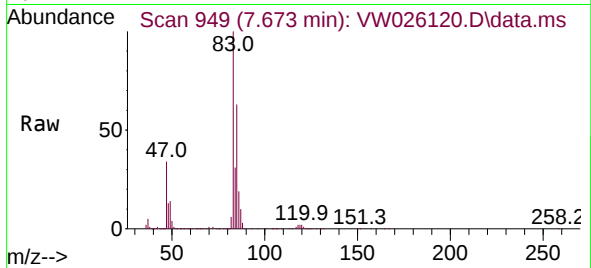




#25
Chloroform
Concen: 25.842 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

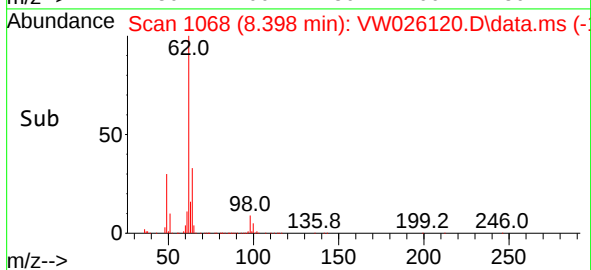
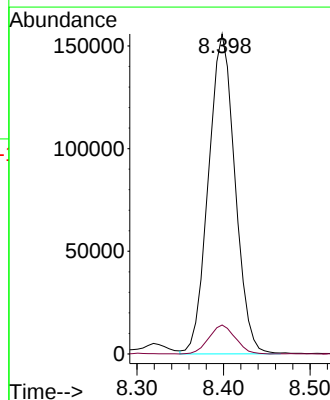
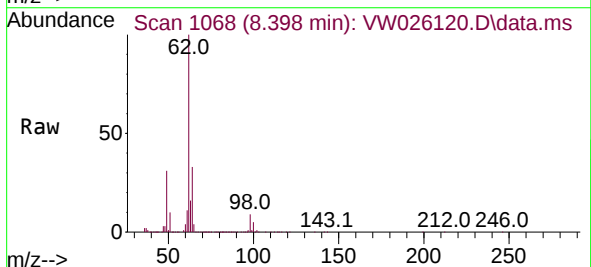
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

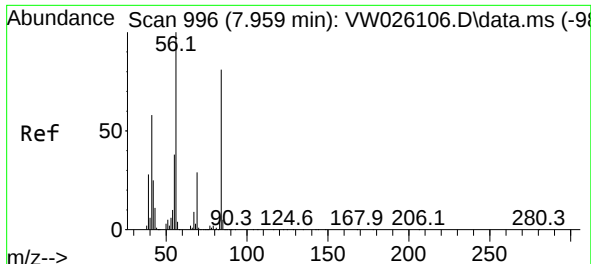
Tgt Ion: 83 Resp: 486661
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.552 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 62 Resp: 331873
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2





#29

Cyclohexane

Concen: 26.774 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

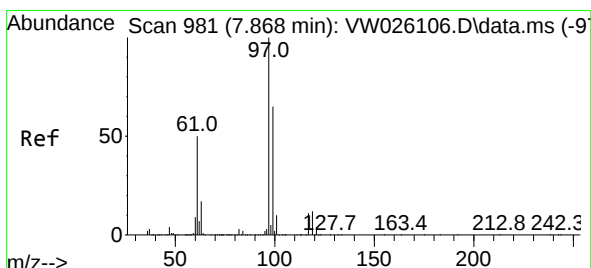
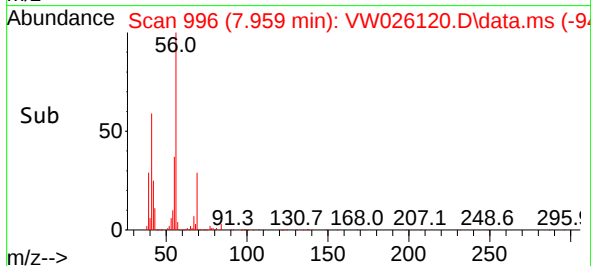
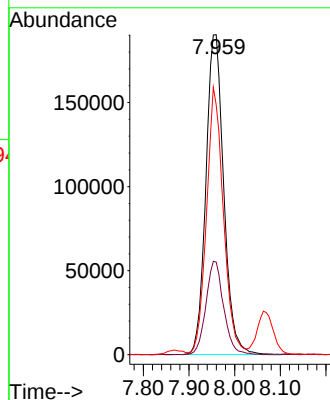
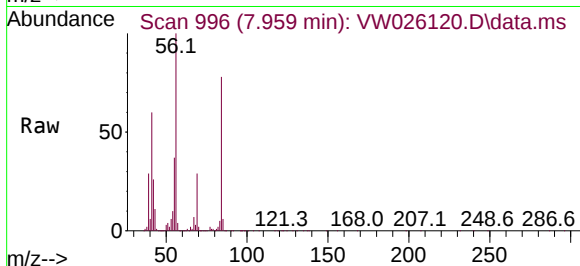
Tgt Ion: 56 Resp: 515588

Ion Ratio Lower Upper

56 100

69 28.9 23.3 34.9

84 79.2 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 26.068 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

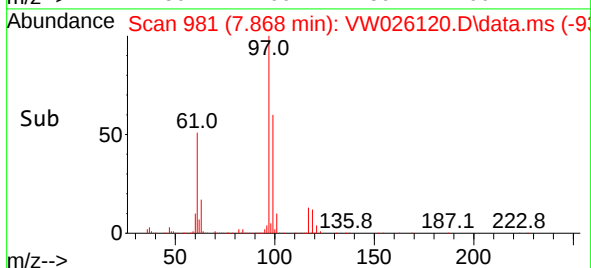
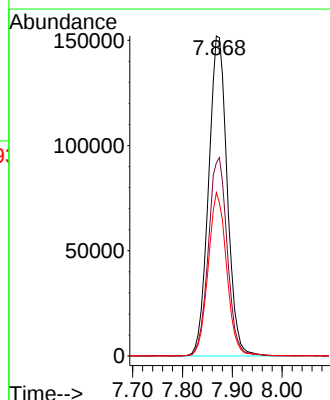
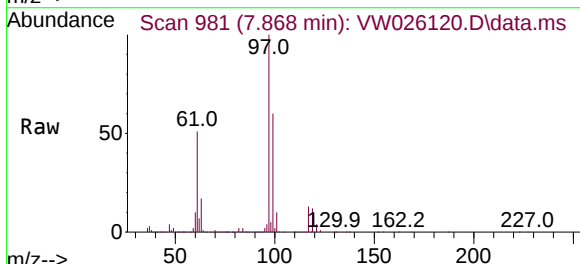
Tgt Ion: 97 Resp: 394592

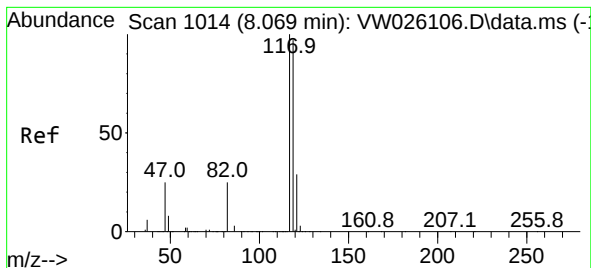
Ion Ratio Lower Upper

97 100

99 62.8 50.6 76.0

61 50.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.538 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

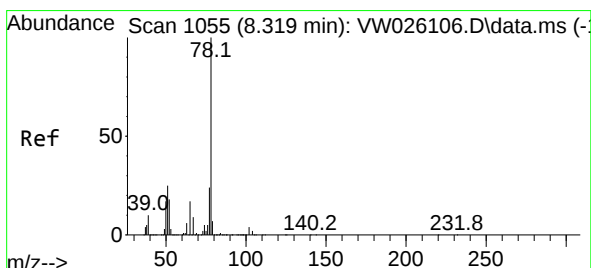
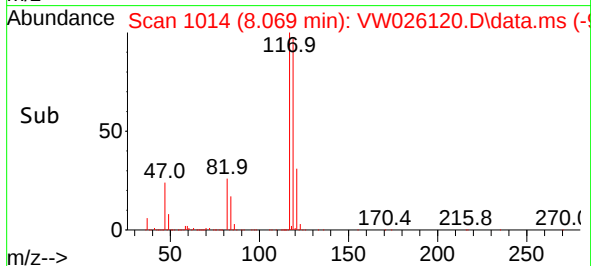
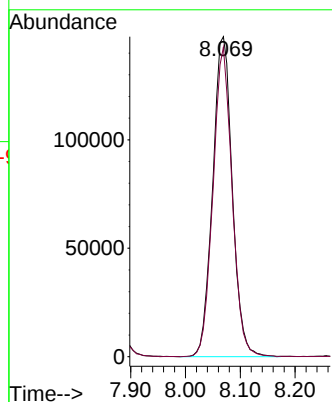
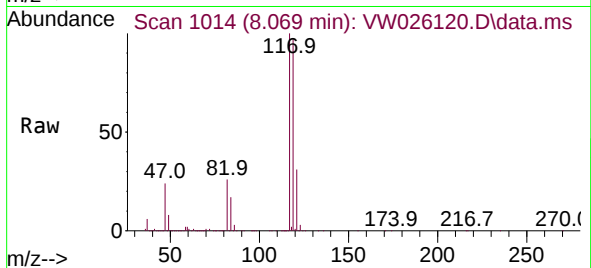
VSTD025508

Tgt Ion:117 Resp: 366564

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.2



#33

Benzene

Concen: 26.284 ug/L

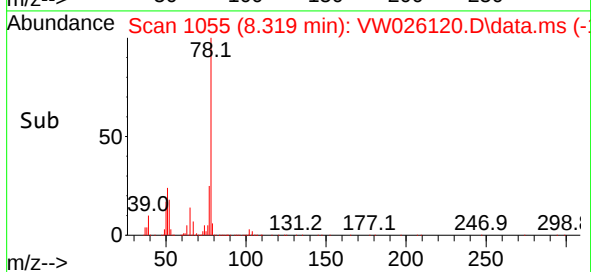
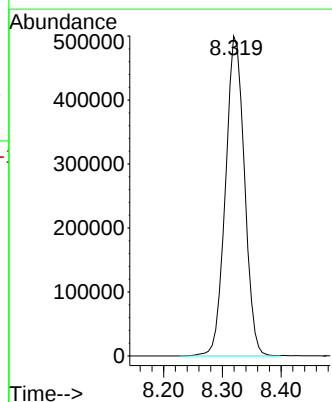
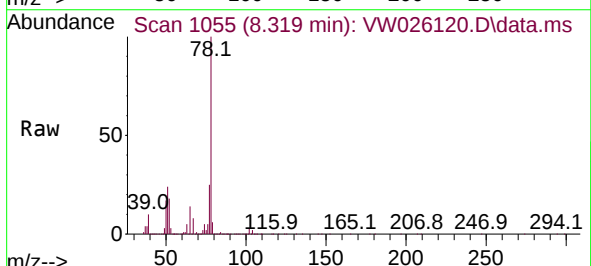
RT: 8.319 min Scan# 1055

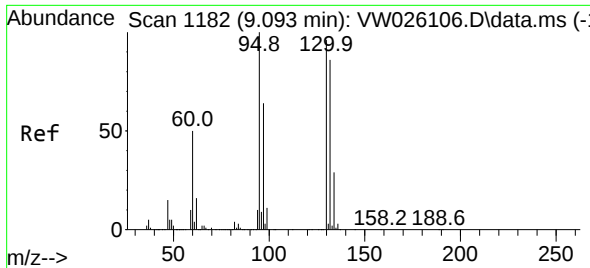
Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Tgt Ion: 78 Resp: 1123097

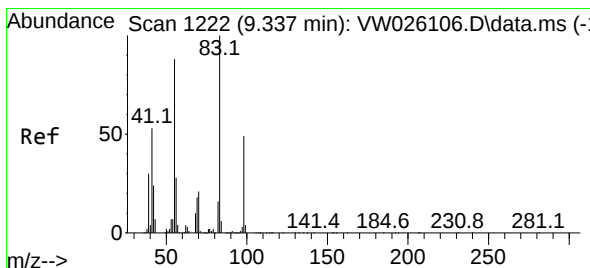
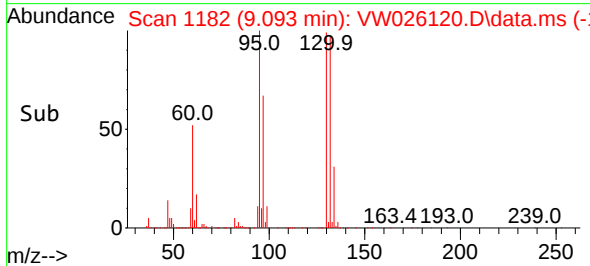
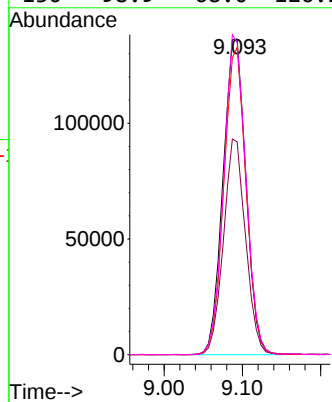
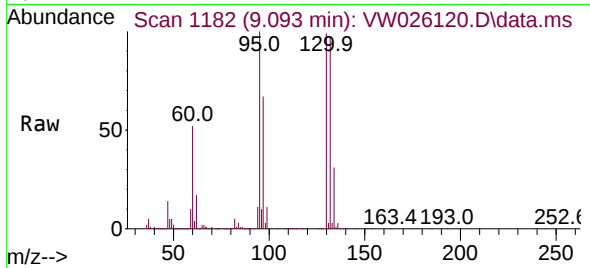




#34
Trichloroethene
Concen: 25.366 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

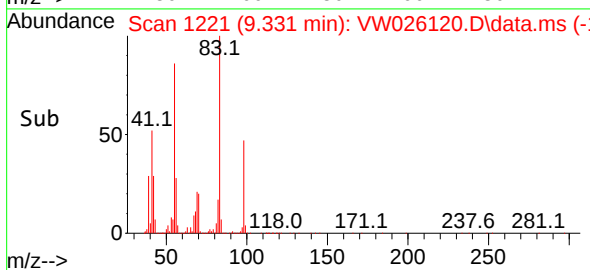
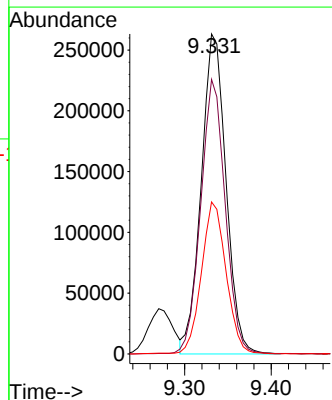
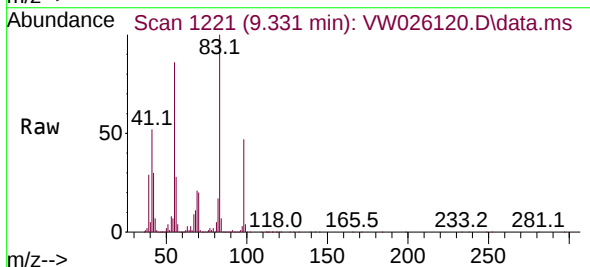
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

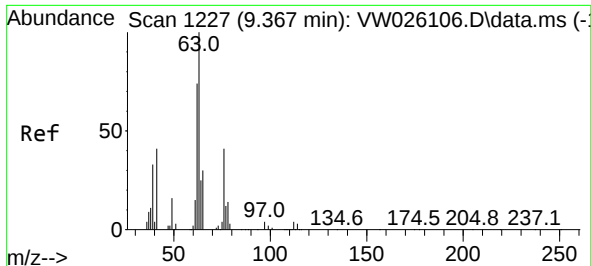
Tgt Ion: 95 Resp: 277537
Ion Ratio Lower Upper
95 100
97 67.5 45.9 85.3
132 97.4 67.1 124.7
130 98.9 68.0 126.2



#35
Methylcyclohexane
Concen: 27.021 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 83 Resp: 523143
Ion Ratio Lower Upper
83 100
55 84.9 68.2 102.4
98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 25.827 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

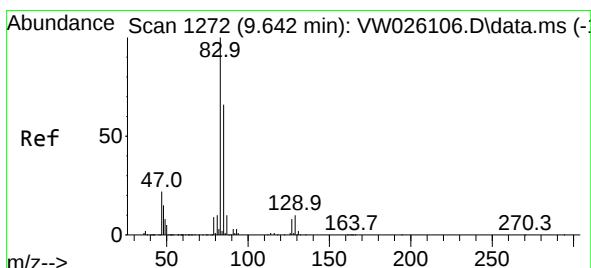
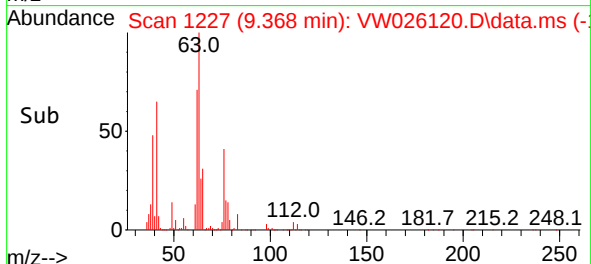
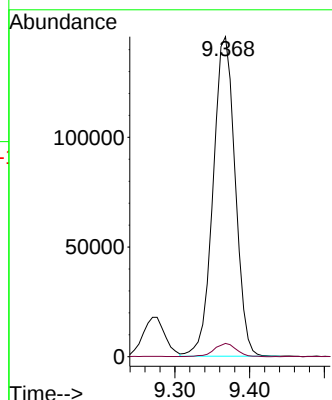
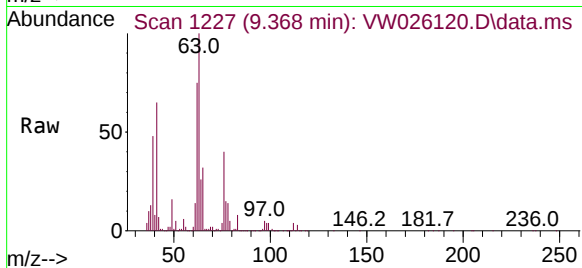
VSTD025508

Tgt Ion: 63 Resp: 298911

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 25.530 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

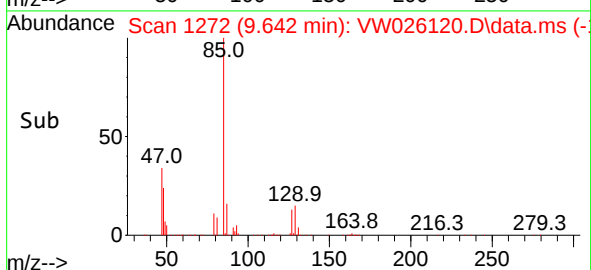
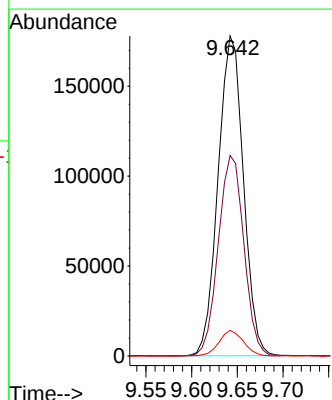
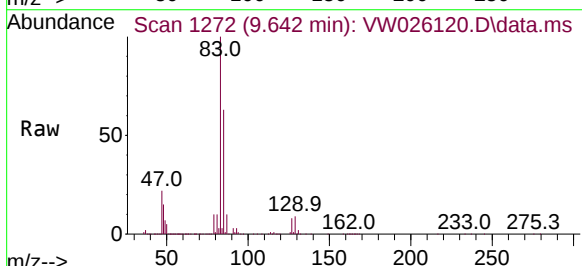
Tgt Ion: 83 Resp: 343271

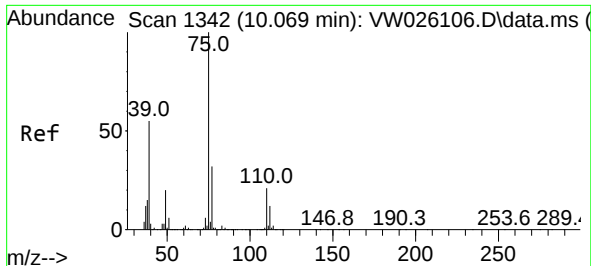
Ion Ratio Lower Upper

83 100

85 62.7 44.2 82.0

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.960 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

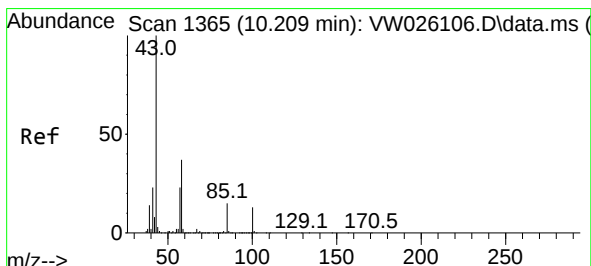
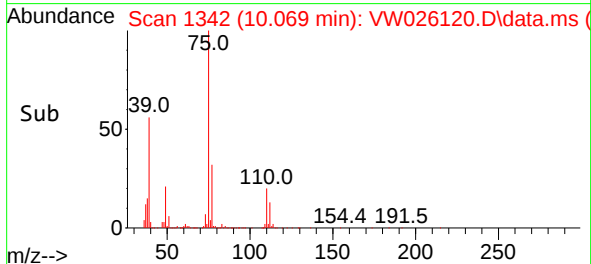
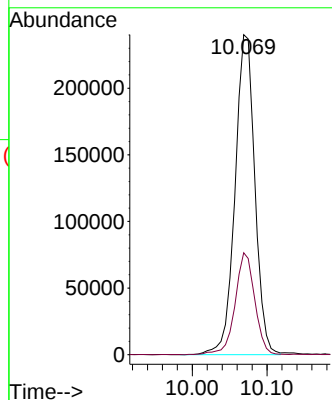
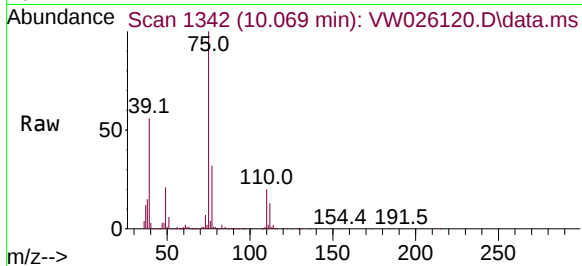
VSTD025508

Tgt Ion: 75 Resp: 441523

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 51.794 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

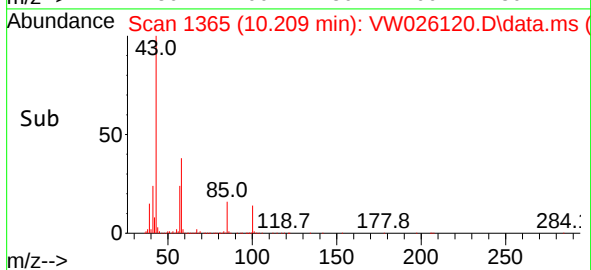
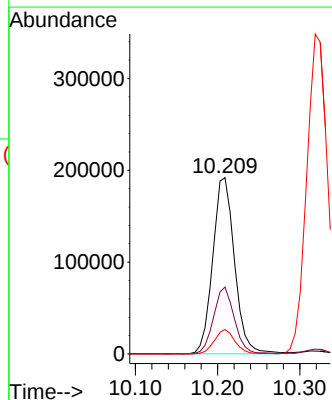
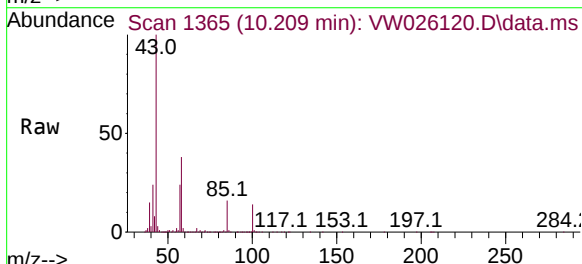
Tgt Ion: 43 Resp: 353404

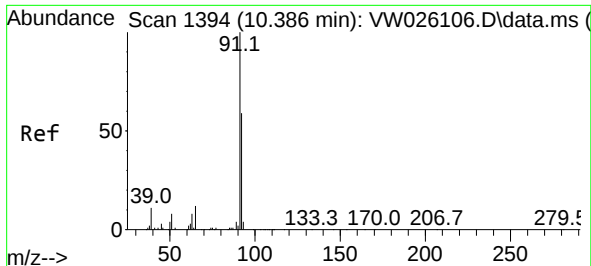
Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4

100 13.2 10.5 15.7

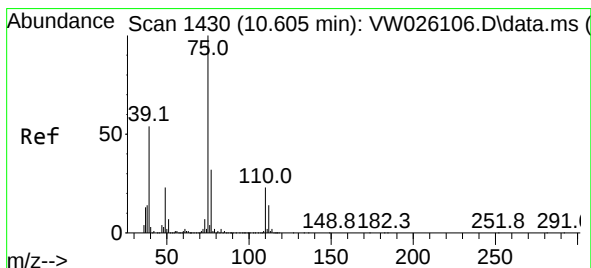
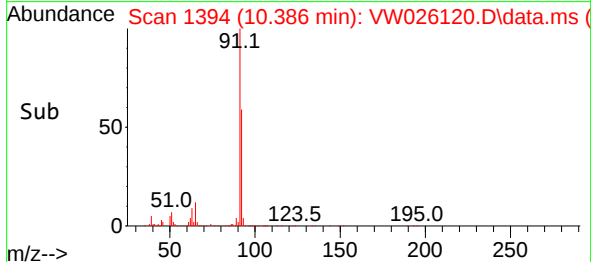
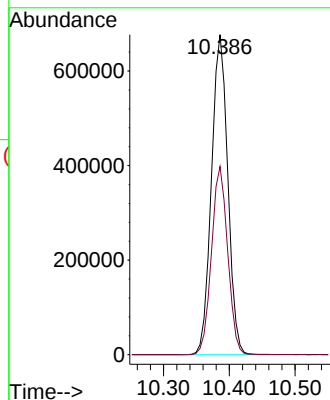
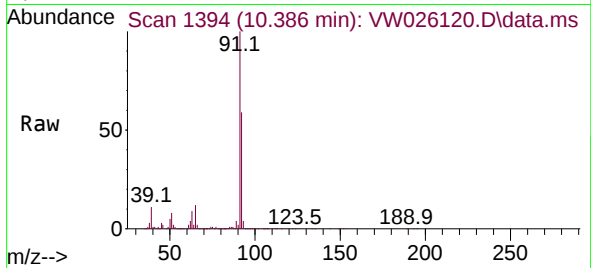




#42
Toluene
Concen: 26.748 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

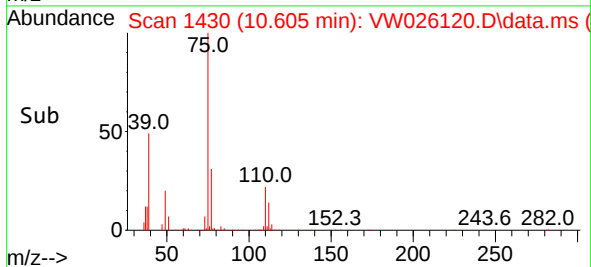
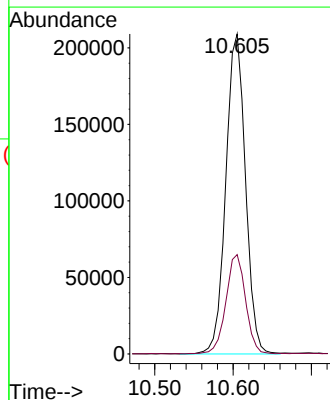
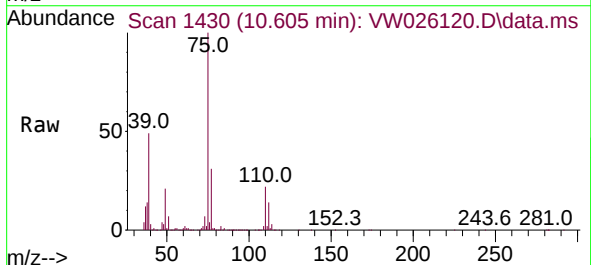
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

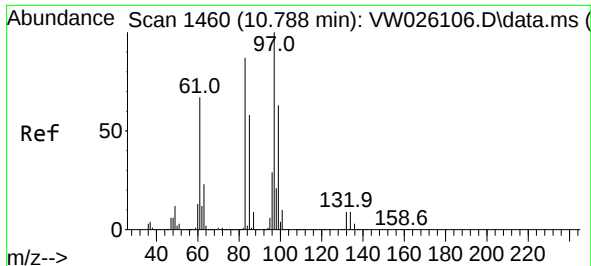
Tgt Ion: 91 Resp: 1169021
Ion Ratio Lower Upper
91 100
92 58.8 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 25.674 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 75 Resp: 363771
Ion Ratio Lower Upper
75 100
77 31.0 21.1 39.3

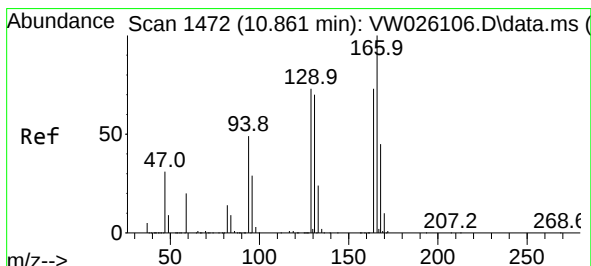
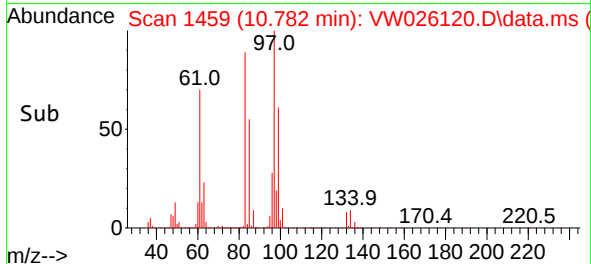
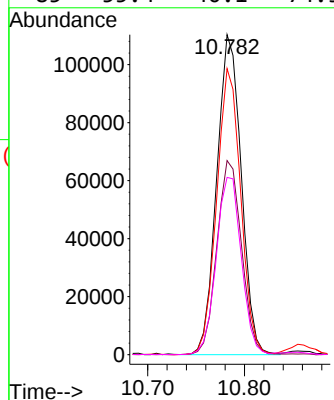
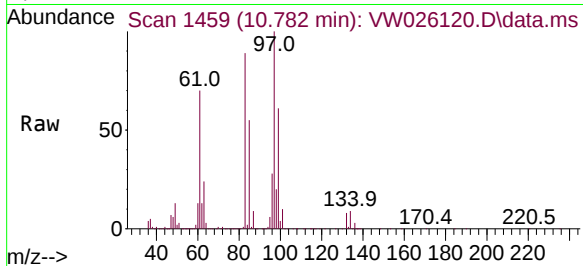




#45
1,1,2-Trichloroethane
Concen: 25.445 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

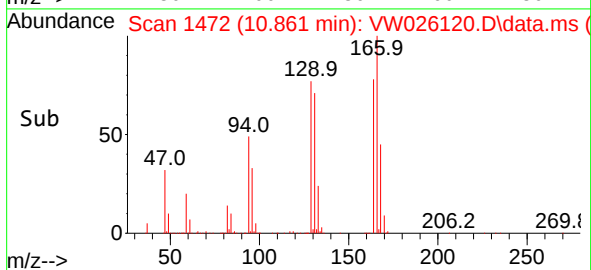
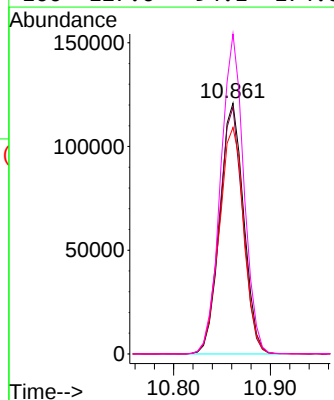
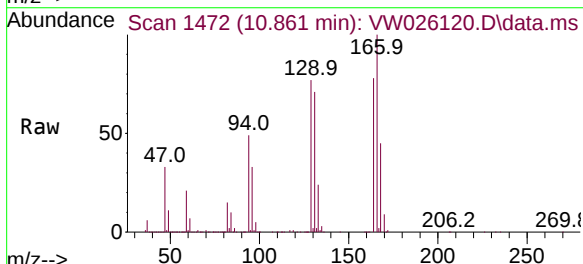
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

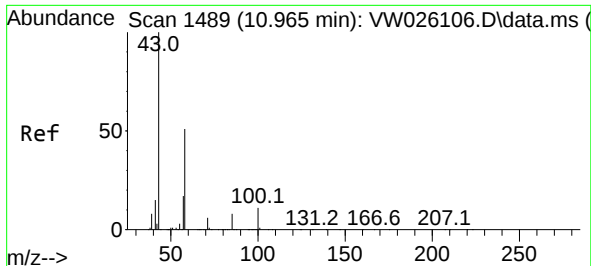
Tgt Ion: 97 Resp: 194081
Ion Ratio Lower Upper
97 100
99 60.6 43.3 80.5
83 89.4 62.9 116.9
85 55.4 40.1 74.5



#46
Tetrachloroethene
Concen: 26.612 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion:164 Resp: 205948
Ion Ratio Lower Upper
164 100
129 98.4 68.5 127.1
131 90.4 67.1 124.7
166 127.6 94.1 174.8

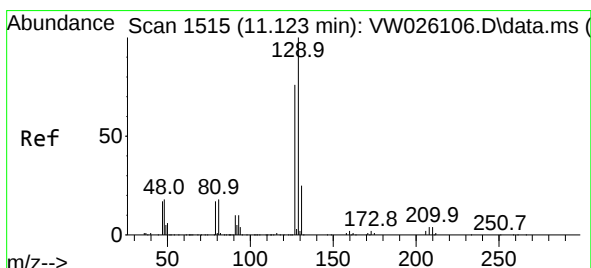
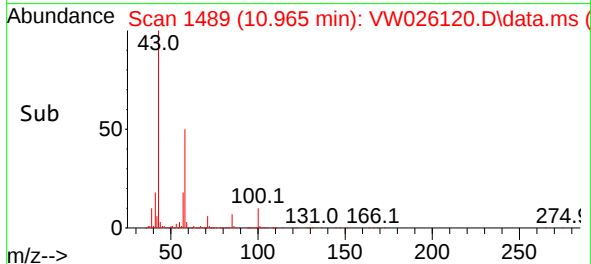
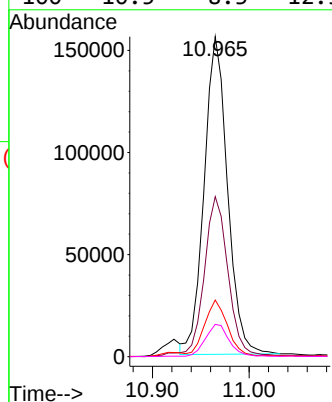
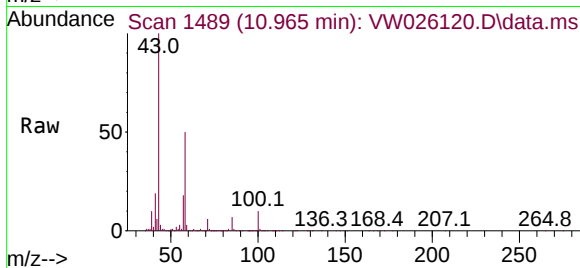




#48
2-Hexanone
Concen: 54.371 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

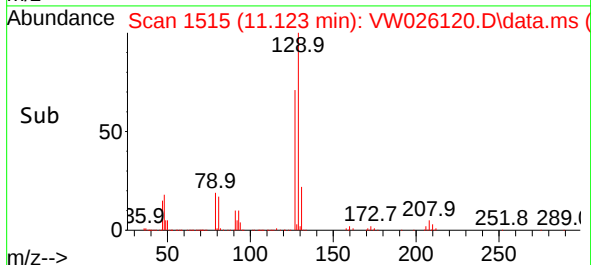
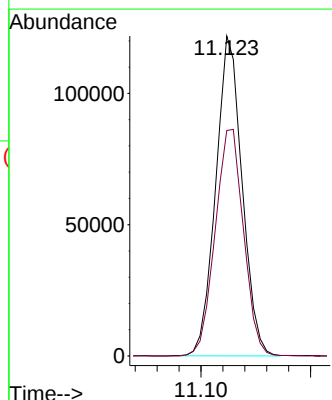
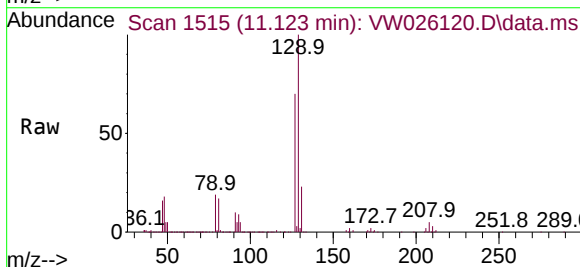
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

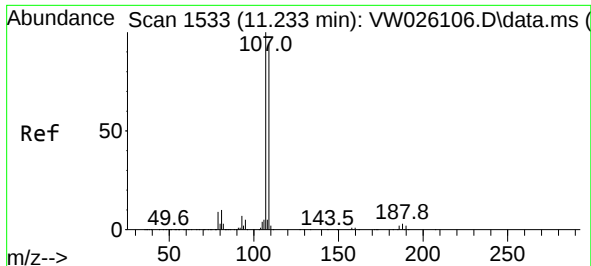
Tgt Ion: 43 Resp: 261583
Ion Ratio Lower Upper
43 100
58 52.1 42.2 63.2
57 16.9 14.2 21.2
100 10.5 8.3 12.5



#49
Dibromochloromethane
Concen: 25.435 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 129 Resp: 203408
Ion Ratio Lower Upper
129 100
127 70.5 56.9 105.7





#50

1,2-Dibromoethane

Concen: 25.108 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

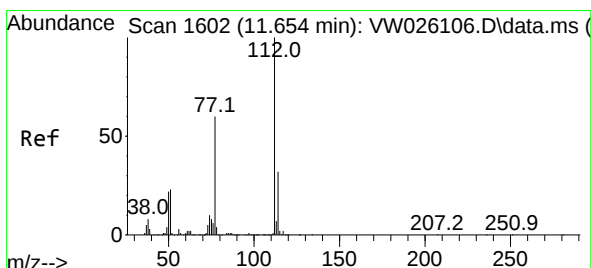
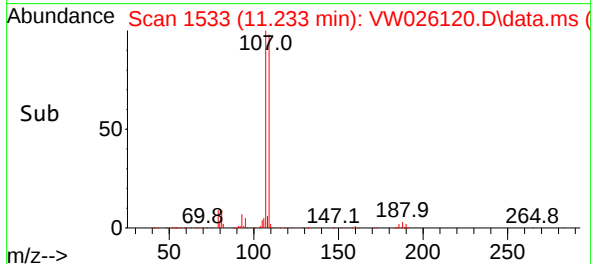
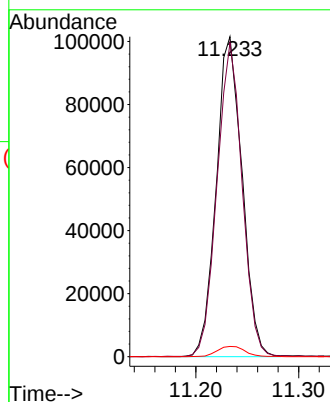
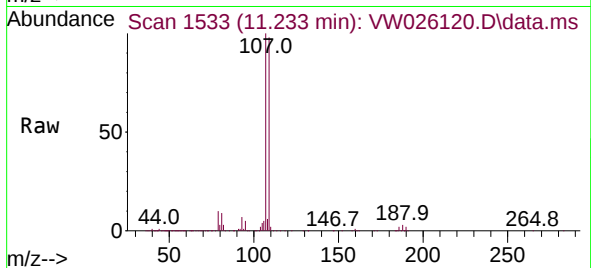
Tgt Ion:107 Resp: 177328

Ion Ratio Lower Upper

107 100

109 98.0 64.0 119.0

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 25.529 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

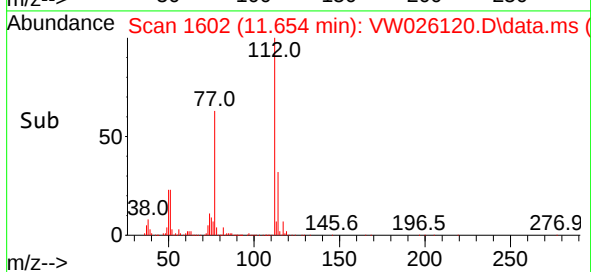
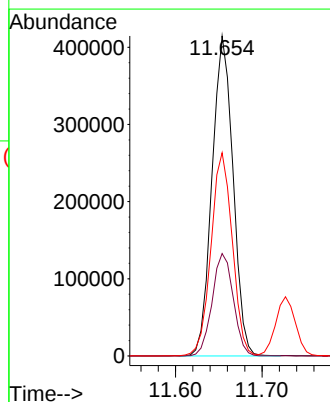
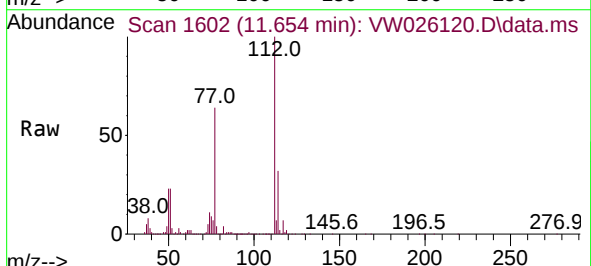
Tgt Ion:112 Resp: 699167

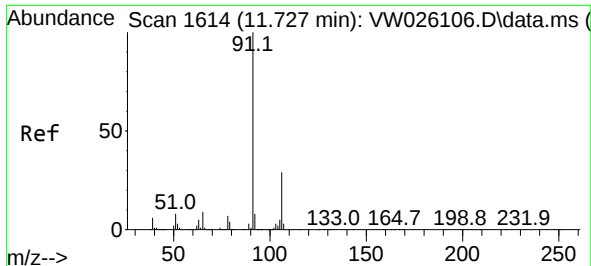
Ion Ratio Lower Upper

112 100

114 32.0 23.0 42.6

77 63.5 50.9 76.3

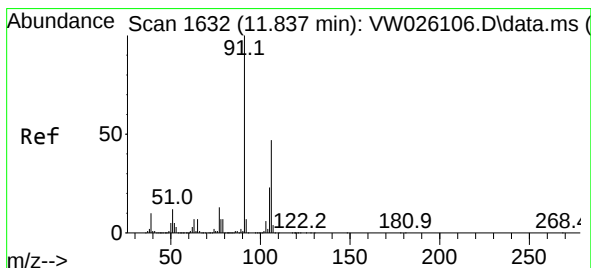
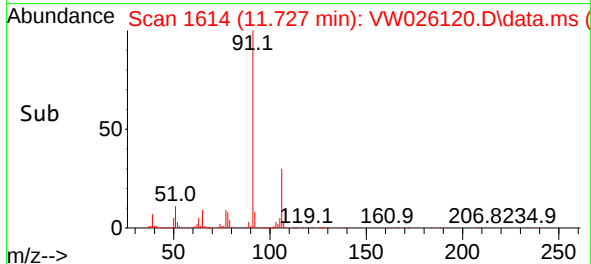
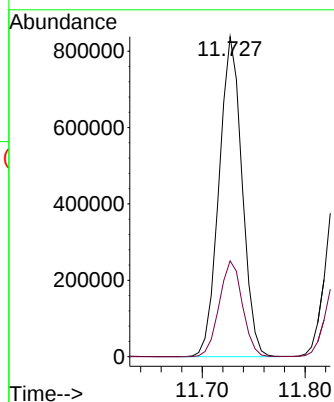
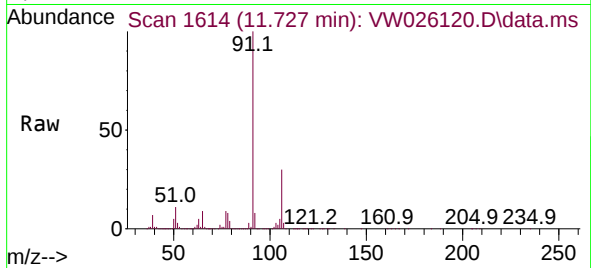




#52
Ethylbenzene
Concen: 26.407 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

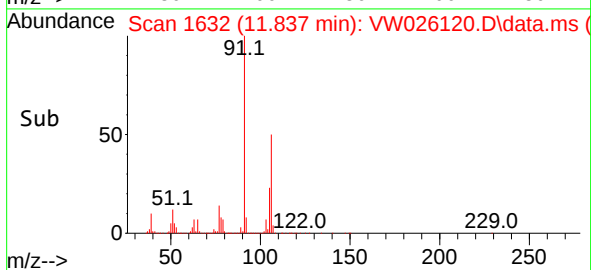
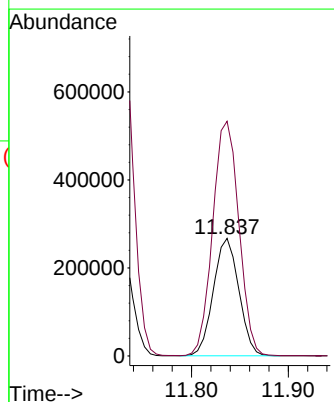
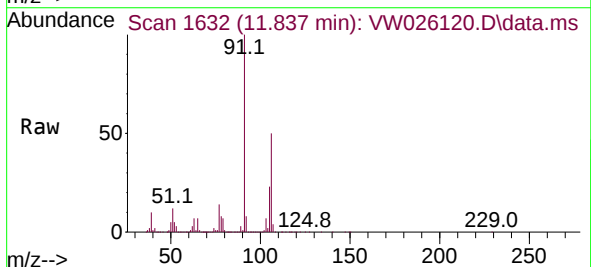
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

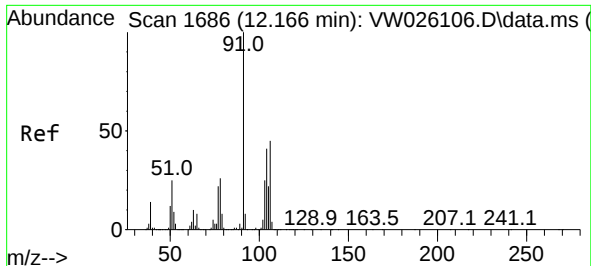
Tgt Ion: 91 Resp: 1301886
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 26.627 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 106 Resp: 488360
Ion Ratio Lower Upper
106 100
91 199.6 149.5 277.7

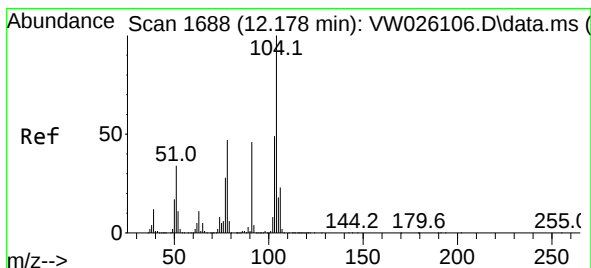
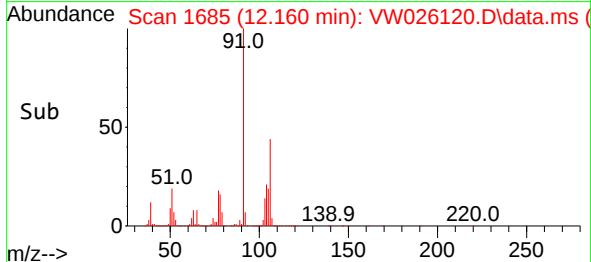
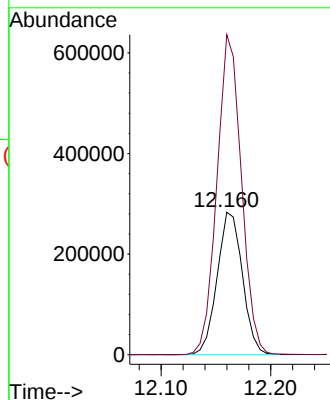
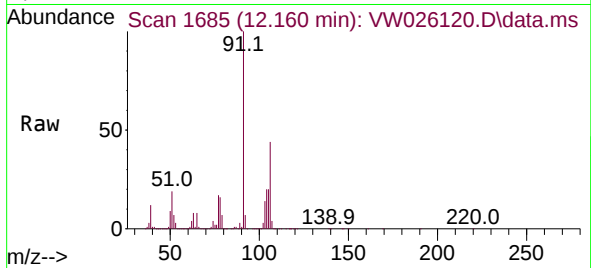




#54
o-Xylene
Concen: 26.194 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

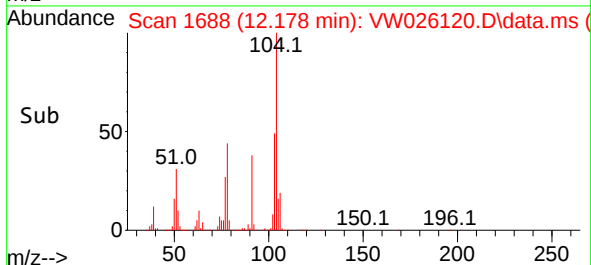
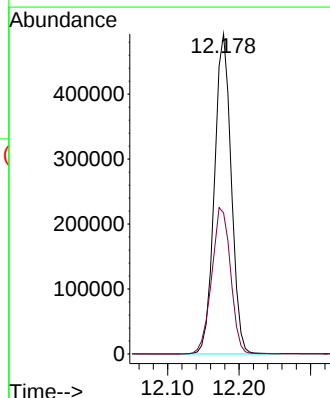
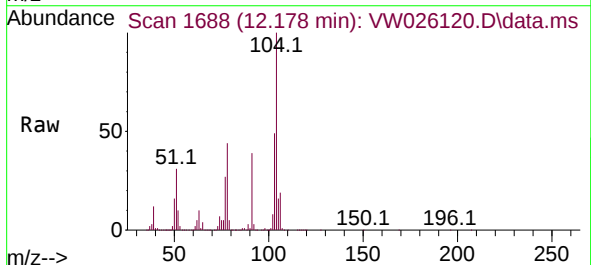
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

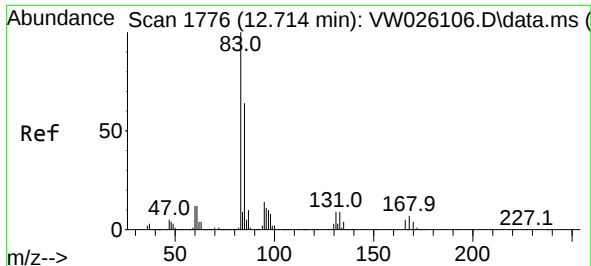
Tgt Ion:106 Resp: 453442
Ion Ratio Lower Upper
106 100
91 224.7 150.9 280.3



#55
Styrene
Concen: 27.022 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion:104 Resp: 802508
Ion Ratio Lower Upper
104 100
78 44.1 32.6 60.6





#57

1,1,2-Tetrachloroethane

Concen: 25.280 ug/L

RT: 12.709 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

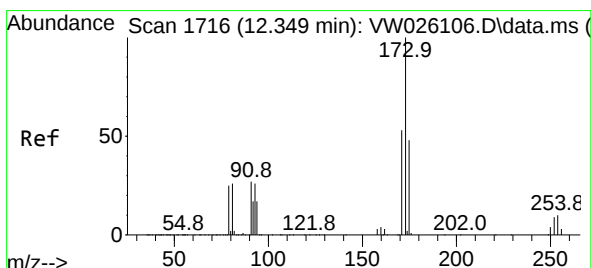
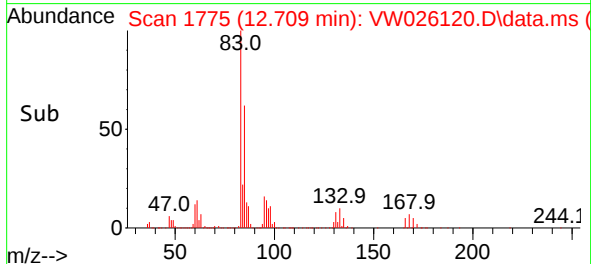
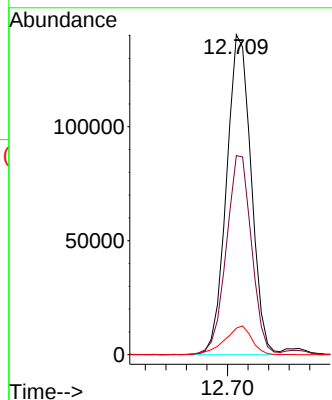
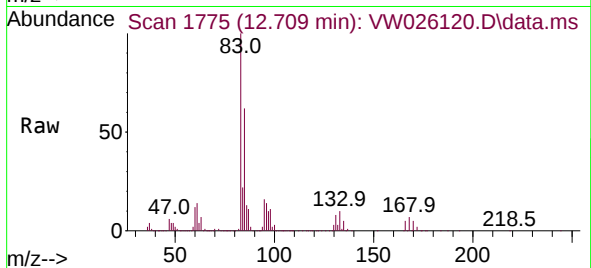
Tgt Ion: 83 Resp: 233364

Ion Ratio Lower Upper

83 100

85 62.2 42.6 79.0

131 8.3 7.2 10.8



#59

Bromoform

Concen: 24.120 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

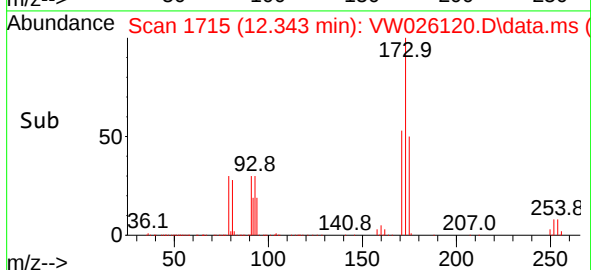
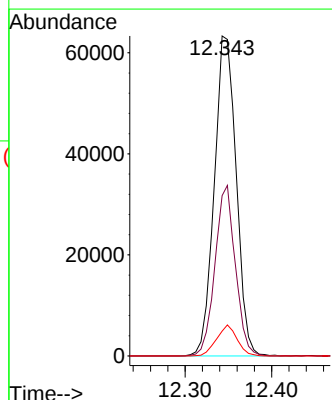
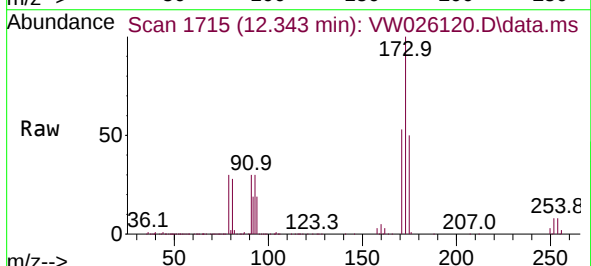
Tgt Ion:173 Resp: 111270

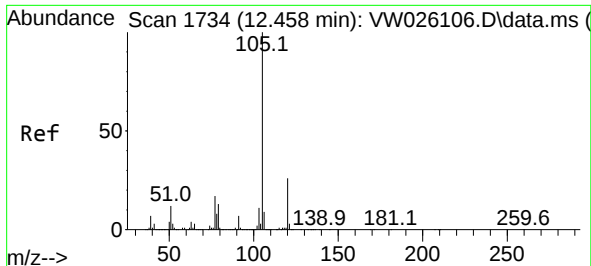
Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 9.1 7.4 11.0

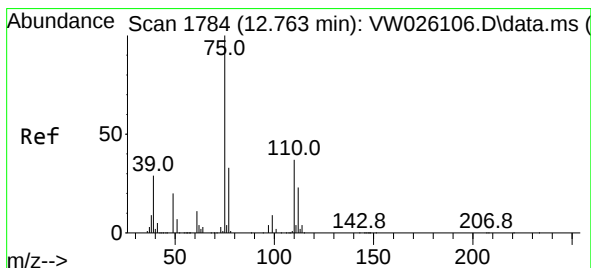
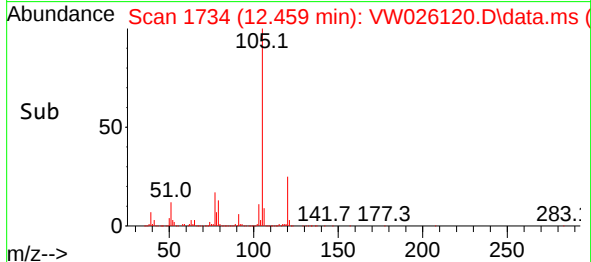
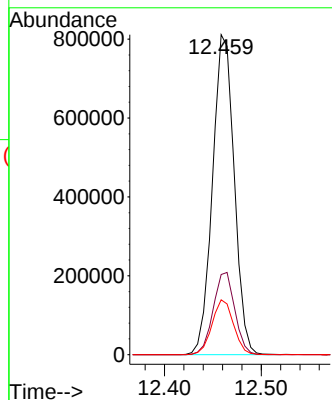
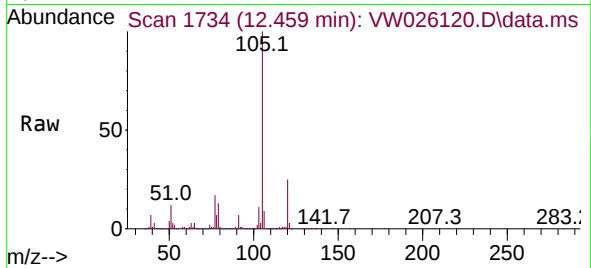




#60
Isopropylbenzene
Concen: 26.207 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

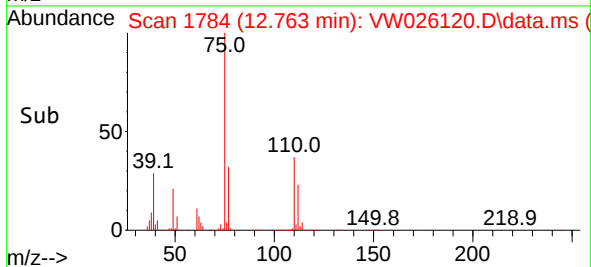
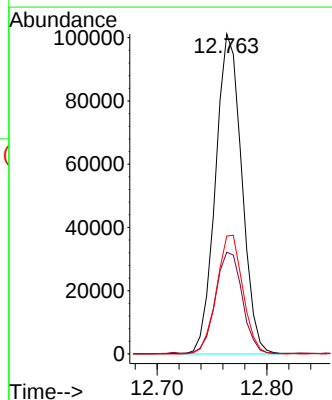
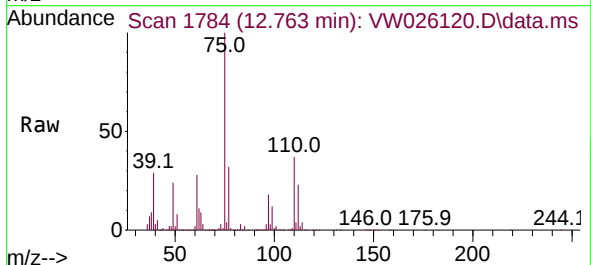
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

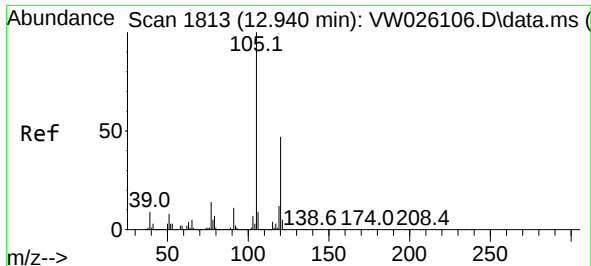
Tgt Ion:105 Resp: 1264501
Ion Ratio Lower Upper
105 100
120 25.6 19.8 29.8
77 17.0 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 24.504 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 75 Resp: 168587
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
110 37.2 28.7 43.1

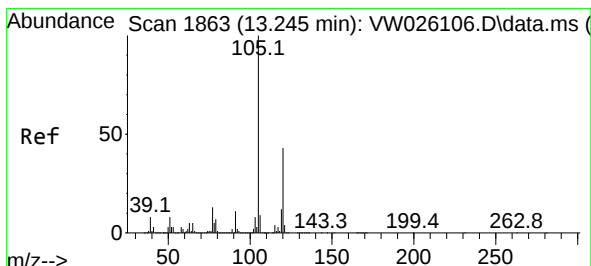
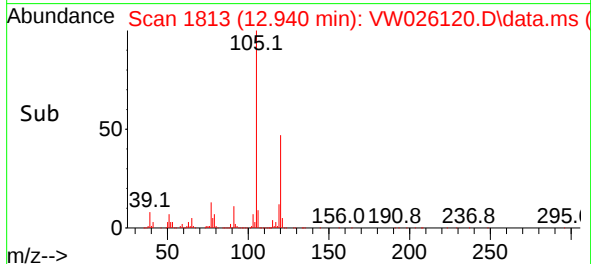
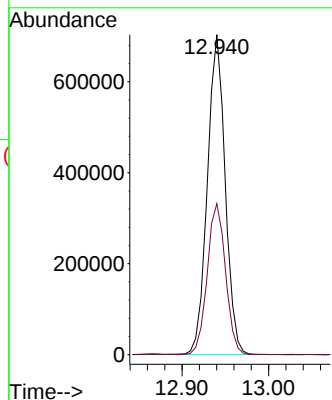
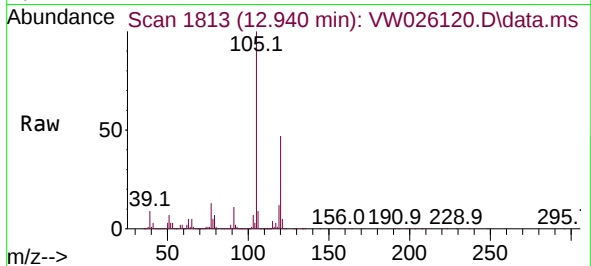




#62
1,3,5-Trimethylbenzene
Concen: 26.157 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

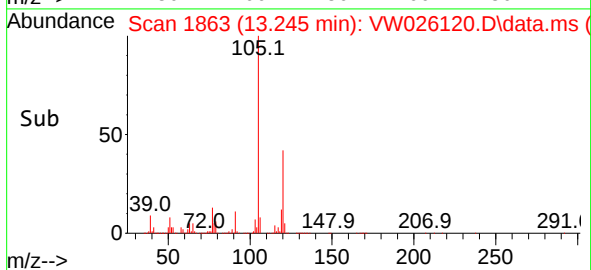
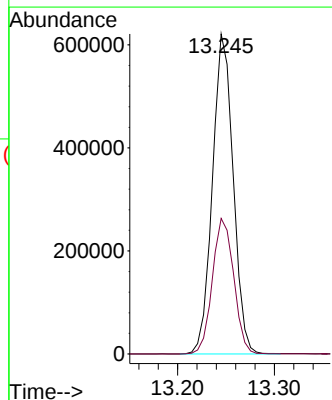
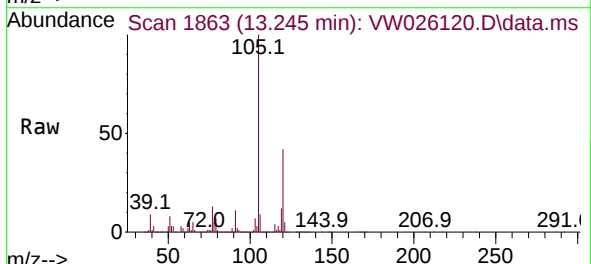
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

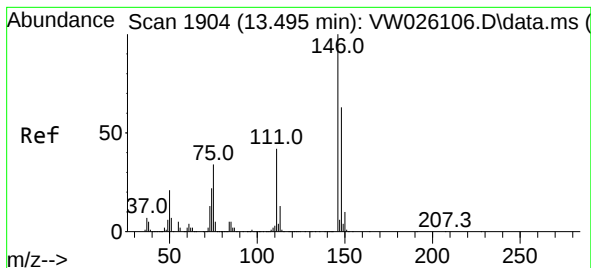
Tgt Ion:105 Resp: 1003294
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.295 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion:105 Resp: 923775
Ion Ratio Lower Upper
105 100
120 43.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 25.376 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

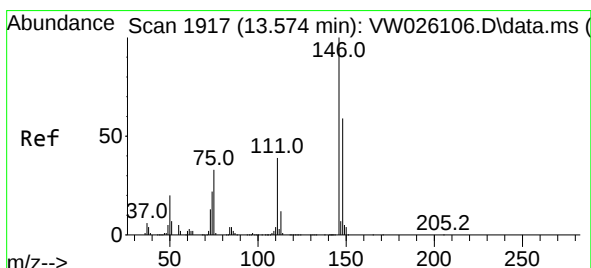
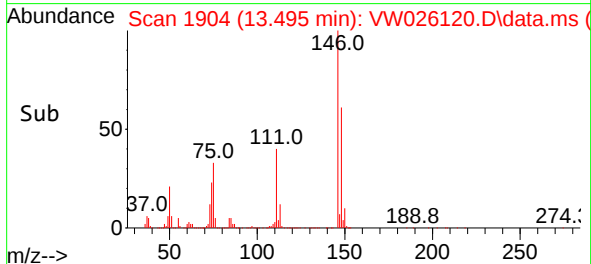
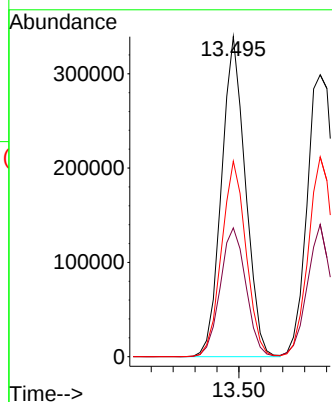
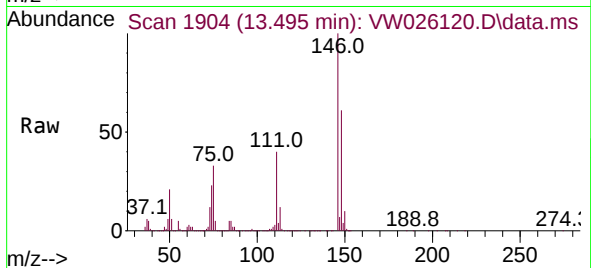
Tgt Ion:146 Resp: 514814

Ion Ratio Lower Upper

146 100

111 40.2 29.7 55.1

148 61.1 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 25.157 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

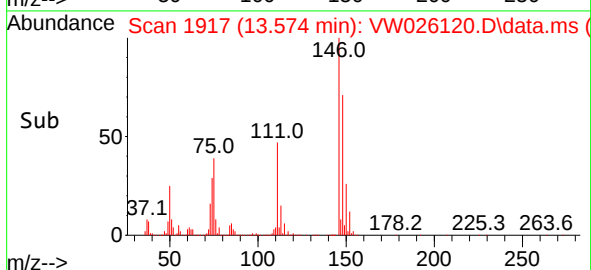
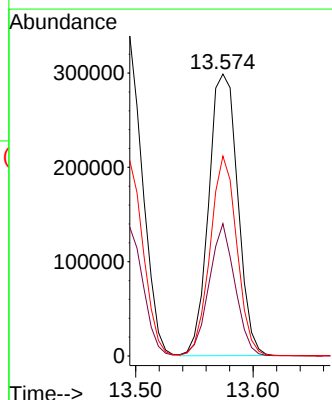
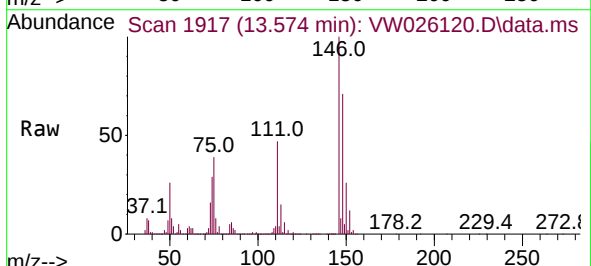
Tgt Ion:146 Resp: 513833

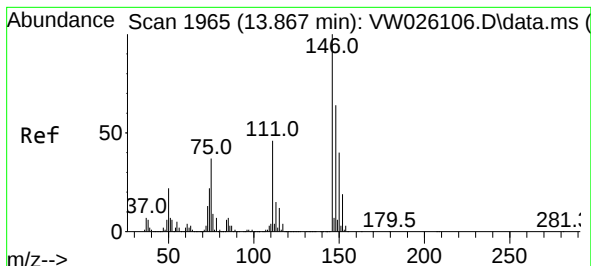
Ion Ratio Lower Upper

146 100

111 46.9 29.2 54.2

148 70.8 42.8 79.6

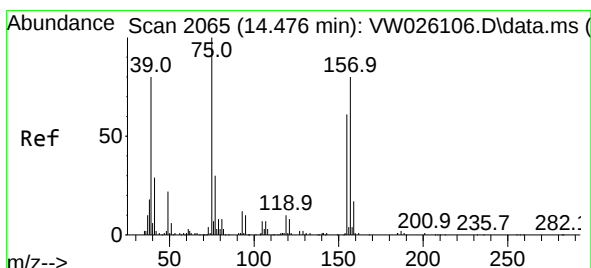
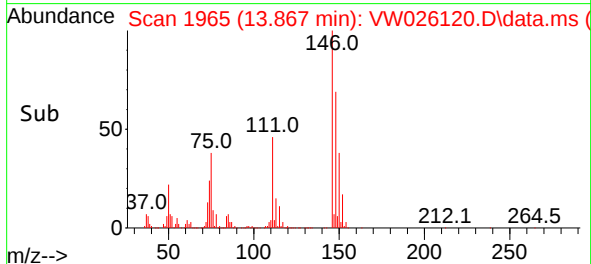
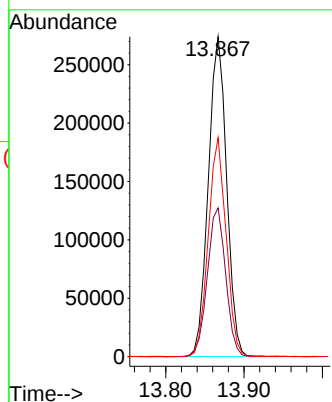
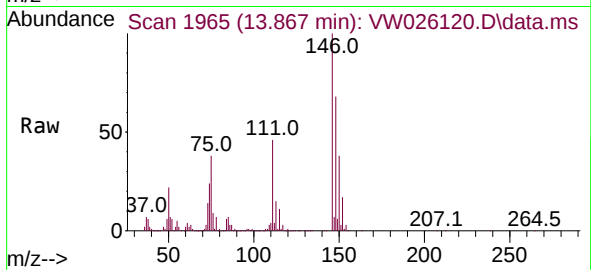




#67
1,2-Dichlorobenzene
Concen: 24.408 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

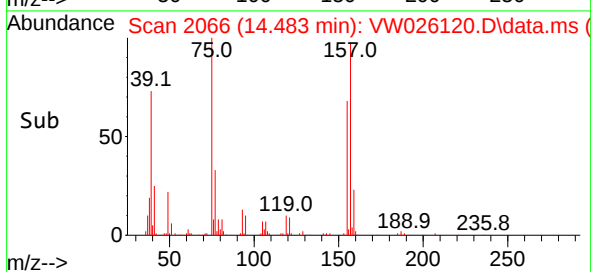
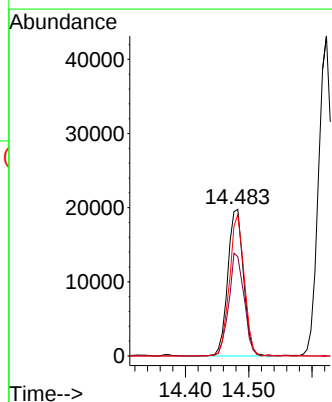
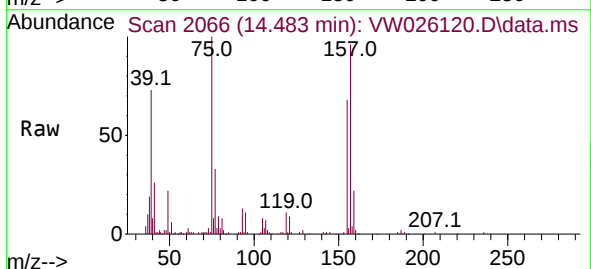
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

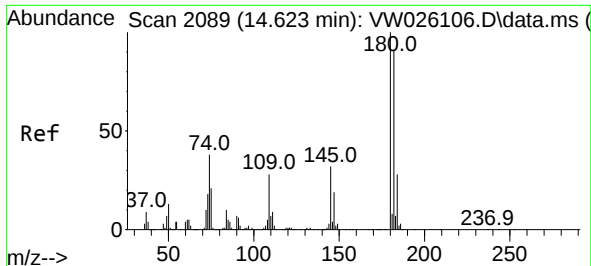
Tgt Ion:146 Resp: 444664
Ion Ratio Lower Upper
146 100
111 46.5 35.4 53.0
148 68.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.412 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026120.D
Acq: 07 Jun 2023 08:44

Tgt Ion: 75 Resp: 34131
Ion Ratio Lower Upper
75 100
155 67.8 59.0 88.6
157 96.4 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 23.078 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

Tgt Ion:180 Resp: 321621

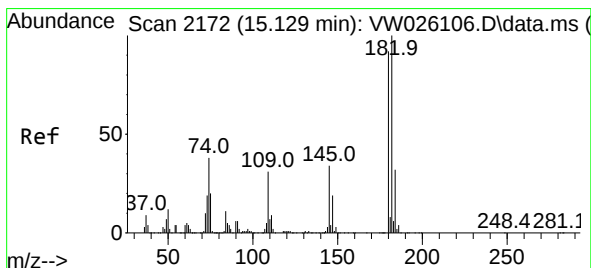
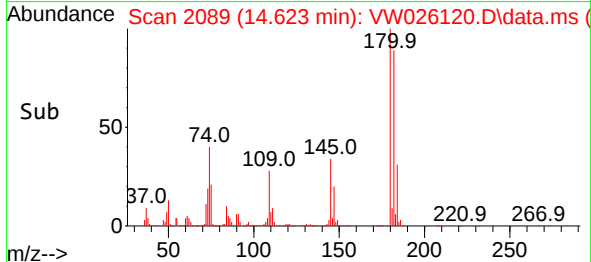
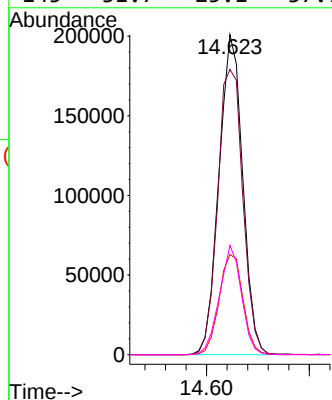
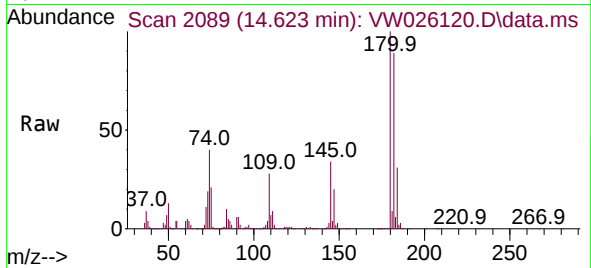
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.4

184 31.5 23.7 35.5

145 31.7 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.630 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

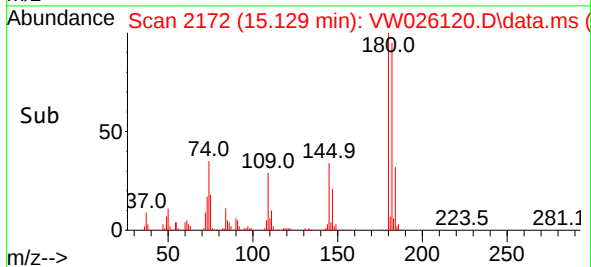
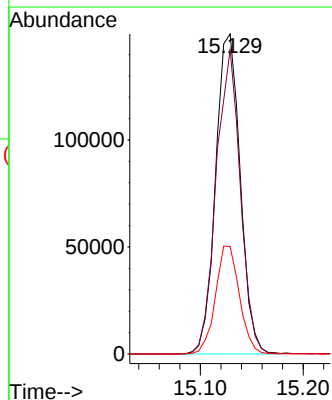
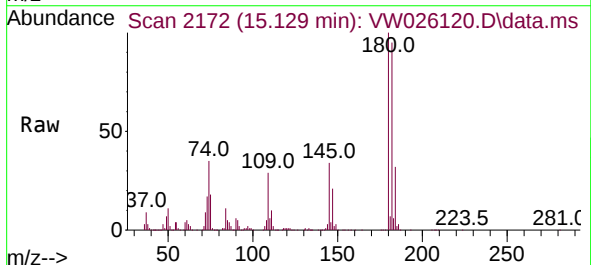
Tgt Ion:180 Resp: 248729

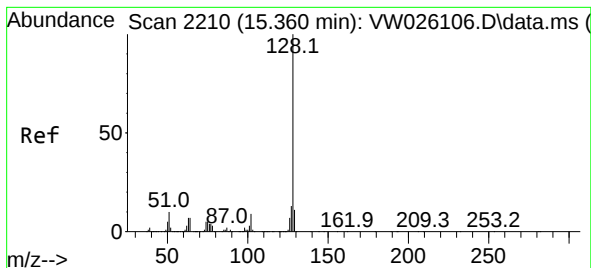
Ion Ratio Lower Upper

180 100

182 92.9 78.9 118.3

145 32.9 27.2 40.8





#71

Naphthalene

Concen: 22.779 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

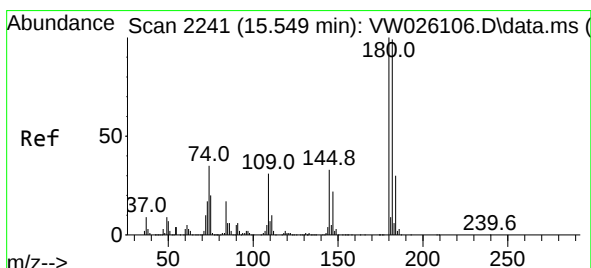
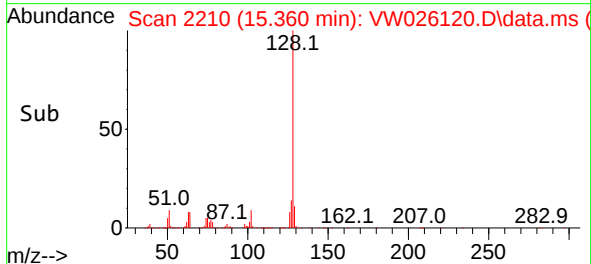
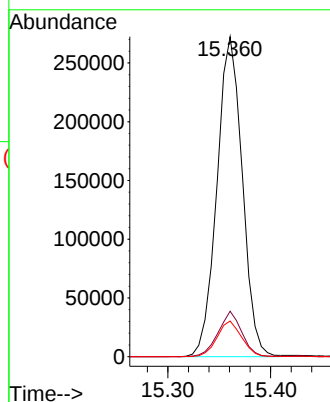
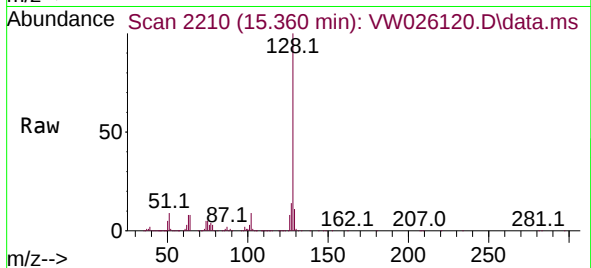
Tgt Ion:128 Resp: 466858

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.194 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026120.D

Acq: 07 Jun 2023 08:44

Tgt Ion:180 Resp: 243153

Ion Ratio Lower Upper

180 100

182 91.5 76.3 114.5

145 33.3 27.0 40.6

