

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026677.D
 Acq On : 10 Aug 2023 14:45
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

Quant Time: Aug 11 01:55:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:47:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	535853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	533363	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	194876	22.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
7) Chloroethane-d5	2.893	69	155975	23.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	4.021	65	96694	22.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.280%
21) 2-Butanone-d5	7.081	46	131808	52.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.120%
24) Chloroform-d	7.648	84	448874	24.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.306	65	259041	26.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	8.276	84	917622	24.963	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	9.276	67	284187	24.820	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	10.324	98	807082	25.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.320%
43) trans-1,3-Dichloroprop...	10.574	79	118698	25.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.440%
47) 2-Hexanone-d5	10.922	63	67128	55.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236766	26.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	250364	23.724	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	168612	23.143	ug/L	91
3) Chloromethane	2.228	50	231566	23.244	ug/L	100
5) Vinyl chloride	2.375	62	224105	23.531	ug/L	99
6) Bromomethane	2.783	94	127442	22.968	ug/L	96
8) Chloroethane	2.929	64	129397	22.676	ug/L	98
9) Trichlorofluoromethane	3.265	101	170268	21.785	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	201317	23.846	ug/L	99
12) 1,1-Dichloroethene	4.045	96	182102	22.992	ug/L	89
13) Acetone	4.124	43	89517	35.560	ug/L	98
14) Carbon disulfide	4.393	76	657221	23.065	ug/L	100
15) Methyl Acetate	4.673	43	131500	26.078	ug/L	98
16) Methylene chloride	4.917	84	239673	23.122	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	210897	23.862	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	346494	25.910	ug/L	98
19) 1,1-Dichloroethane	6.215	63	440867	24.236	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	234412	24.675	ug/L	95
22) 2-Butanone	7.173	43	174492	47.035	ug/L	98
23) Bromochloromethane	7.514	128	101790	24.805	ug/L	90
25) Chloroform	7.672	83	418682	23.825	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026677.D
 Acq On : 10 Aug 2023 14:45
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

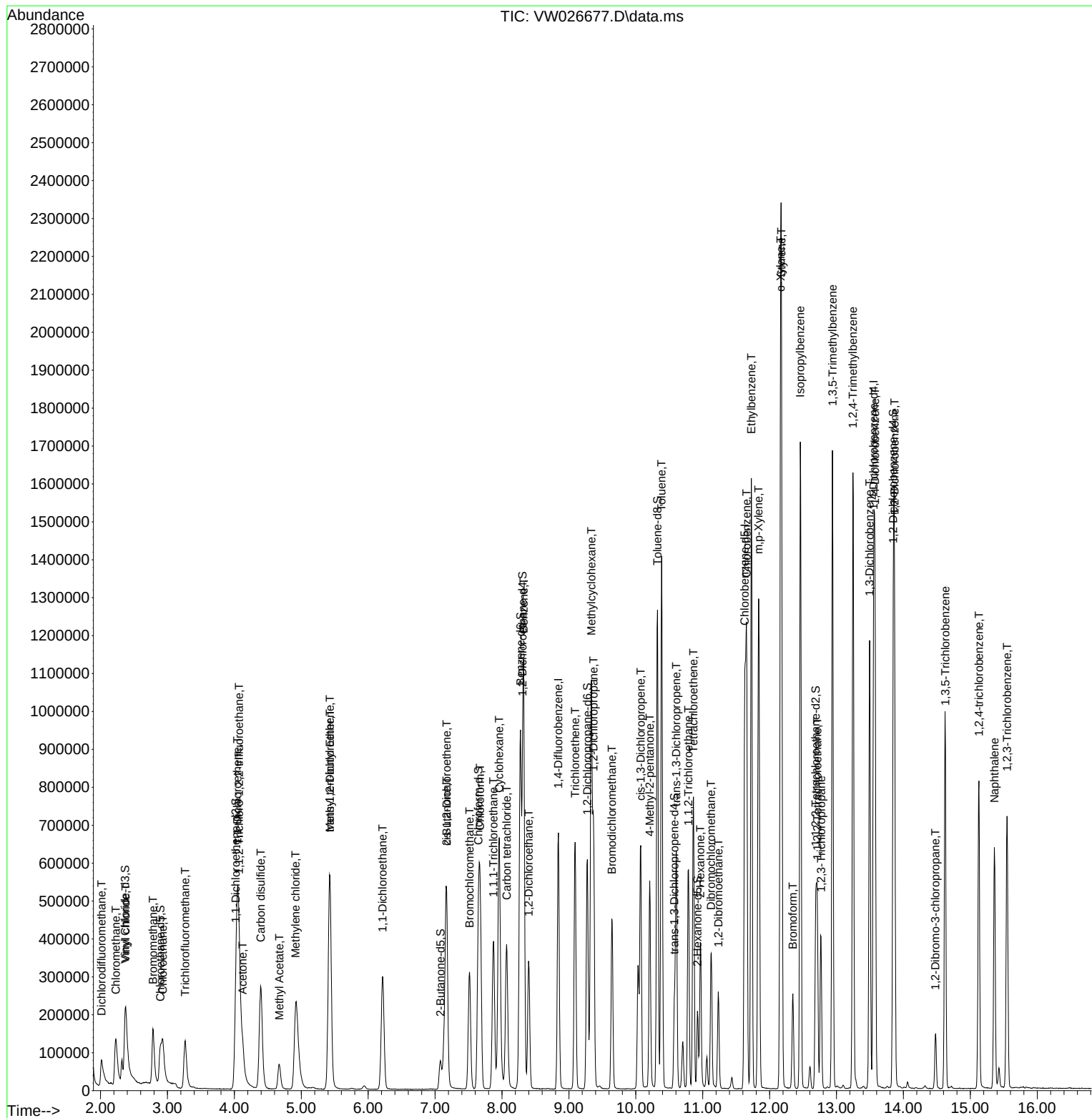
Quant Time: Aug 11 01:55:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:47:01 2023
 Response via : Initial Calibration

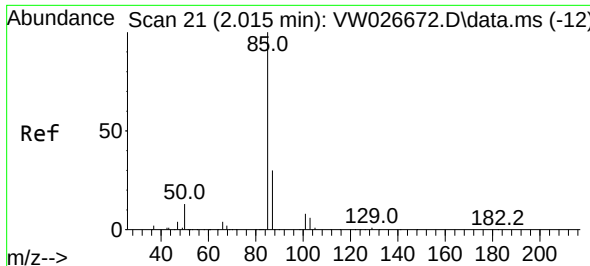
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	308220	25.141	ug/L	99
29) Cyclohexane	7.959	56	394217	23.900	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	317003	22.773	ug/L	99
31) Carbon tetrachloride	8.069	117	295168	23.192	ug/L	94
33) Benzene	8.325	78	943983	24.304	ug/L	100
34) Trichloroethene	9.093	95	233057	23.559	ug/L	95
35) Methylcyclohexane	9.337	83	404430	23.898	ug/L	100
37) 1,2-Dichloropropane	9.367	63	255447	24.011	ug/L	99
38) Bromodichloromethane	9.642	83	298229	23.896	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	380171	24.840	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	369887	53.450	ug/L	99
42) Toluene	10.385	91	981787	24.987	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	328560	24.941	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	181443	24.937	ug/L	99
46) Tetrachloroethene	10.861	164	164741	22.923	ug/L	89
48) 2-Hexanone	10.965	43	255653	54.292	ug/L	99
49) Dibromochloromethane	11.123	129	184215	24.207	ug/L	91
50) 1,2-Dibromoethane	11.233	107	169333	24.803	ug/L	93
51) Chlorobenzene	11.653	112	577422	23.265	ug/L	97
52) Ethylbenzene	11.727	91	1060486	24.068	ug/L	98
53) m,p-Xylene	11.836	106	401701	24.609	ug/L	89
54) o-Xylene	12.166	106	384587	25.245	ug/L	97
55) Styrene	12.178	104	691411	26.102	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	232831	25.267	ug/L	100
59) Bromoform	12.348	173	110816	23.993	ug/L	97
60) Isopropylbenzene	12.458	105	1048963	23.930	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	174177	24.354	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	853683	24.639	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	838998	24.711	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	446320	23.411	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	458108	23.026	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	399953	23.071	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	40612	23.555	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	283787	22.034	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	249202	22.821	ug/L	98
71) Naphthalene	15.360	128	504196	24.205	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	227454	23.093	ug/L	98

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

Instrument :
MSVOA_W
ClientSampleId :
VICV427

Quant Time: Aug 11 01:55:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 01:47:01 2023
Response via : Initial Calibration

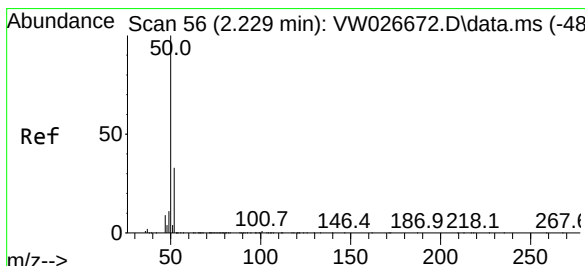
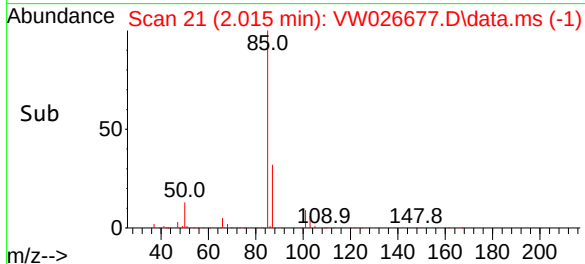
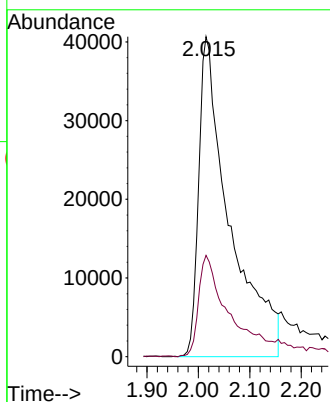
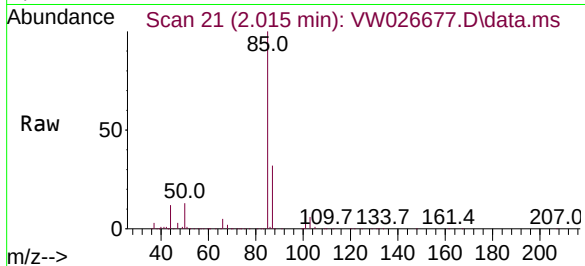




#2
 Dichlorodifluoromethane
 Concen: 23.143 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026677.D
 Acq: 10 Aug 2023 14:45

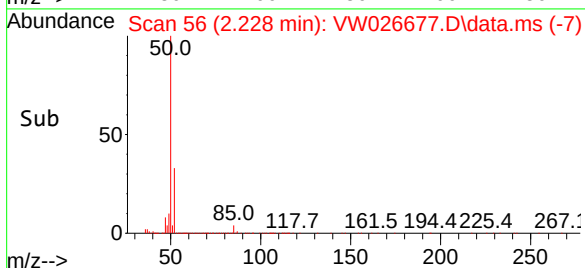
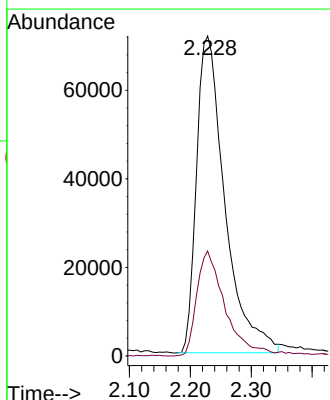
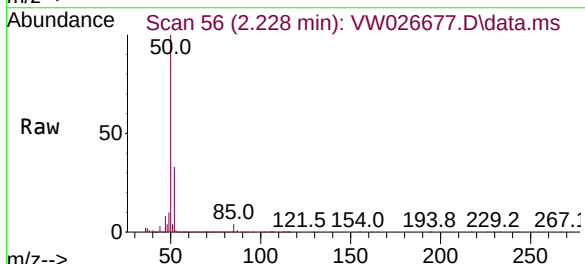
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

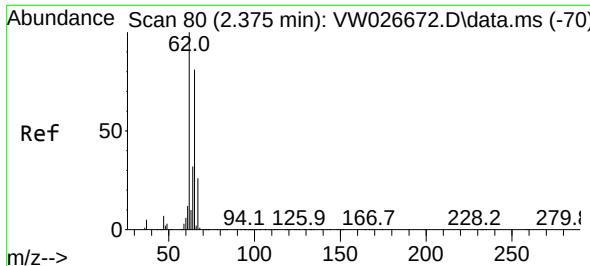
Tgt Ion: 85 Resp: 168612
 Ion Ratio Lower Upper
 85 100
 87 28.7 19.5 29.3



#3
 Chloromethane
 Concen: 23.244 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW026677.D
 Acq: 10 Aug 2023 14:45

Tgt Ion: 50 Resp: 231566
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.8

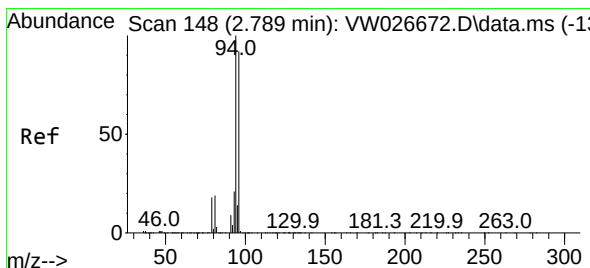
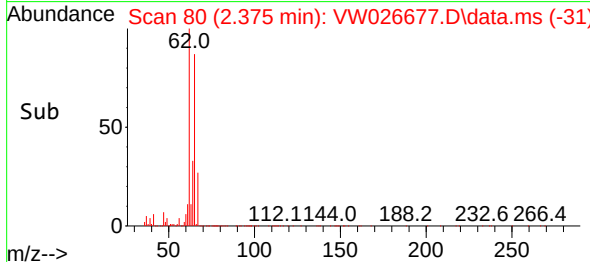
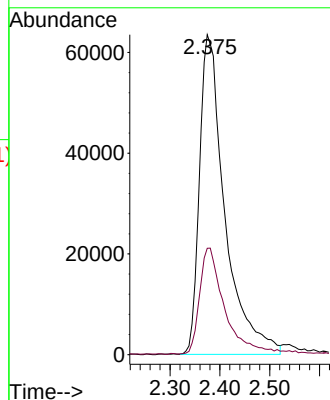
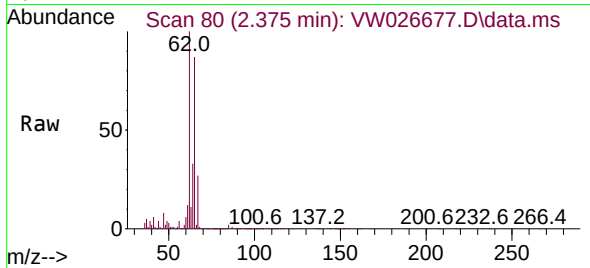




#5
 Vinyl chloride
 Concen: 23.531 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026677.D
 Acq: 10 Aug 2023 14:45

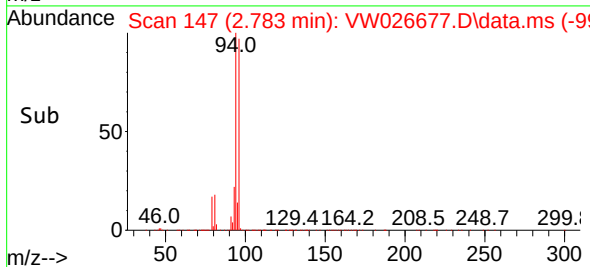
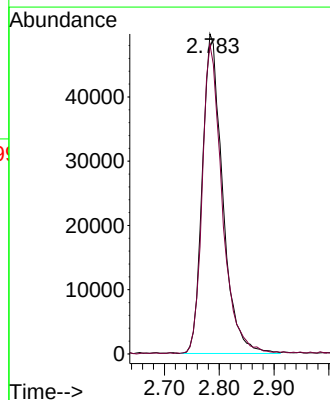
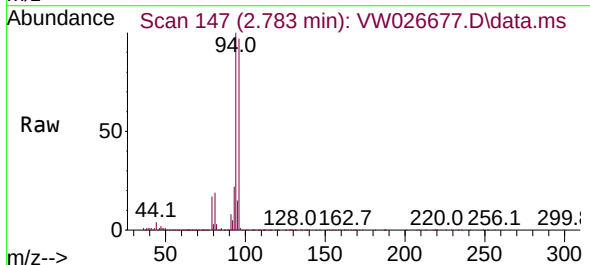
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

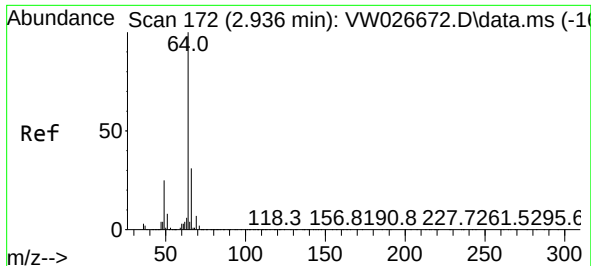
Tgt Ion: 62 Resp: 224105
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 22.968 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026677.D
 Acq: 10 Aug 2023 14:45

Tgt Ion: 94 Resp: 127442
 Ion Ratio Lower Upper
 94 100
 96 96.6 64.8 120.3

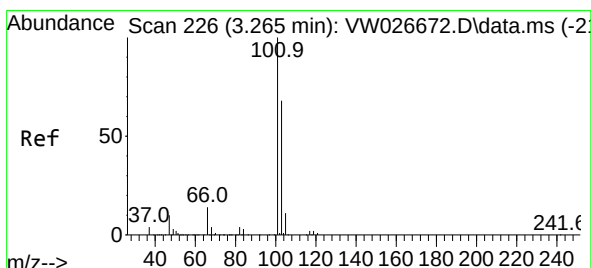
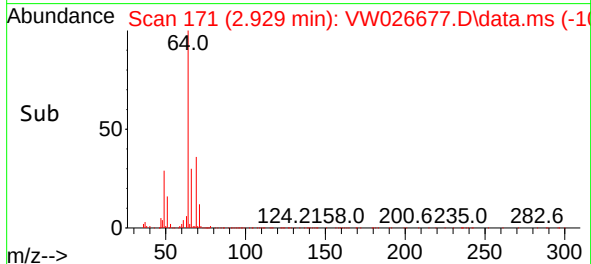
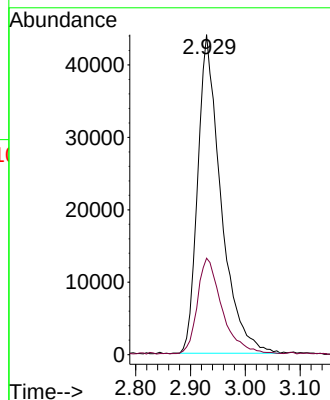
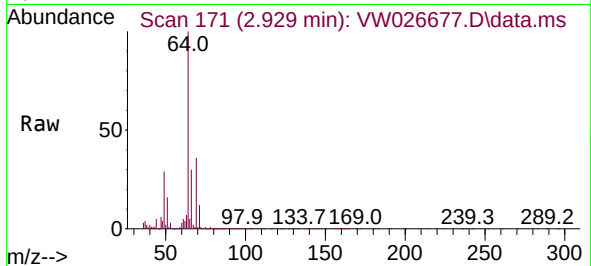




#8
Chloroethane
Concen: 22.676 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

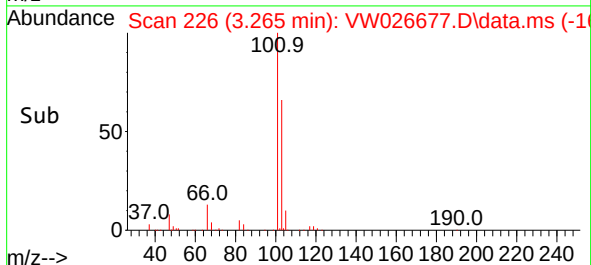
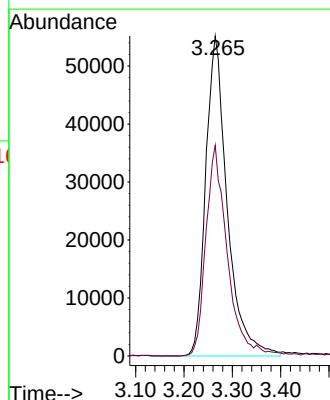
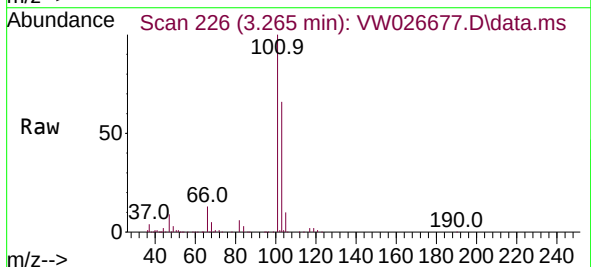
Instrument :
MSVOA_W
ClientSampleId :
VICV427

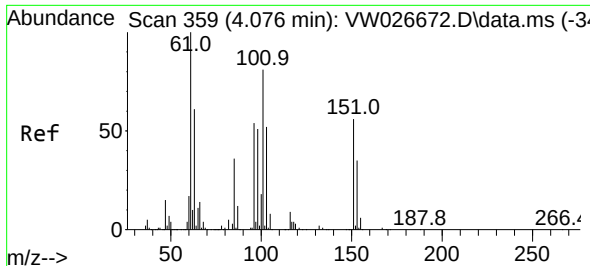
Tgt Ion: 64 Resp: 129397
Ion Ratio Lower Upper
64 100
66 30.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.785 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 101 Resp: 170268
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

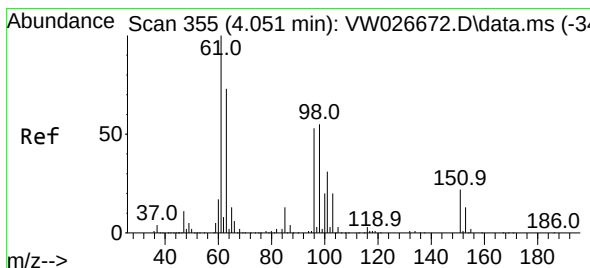
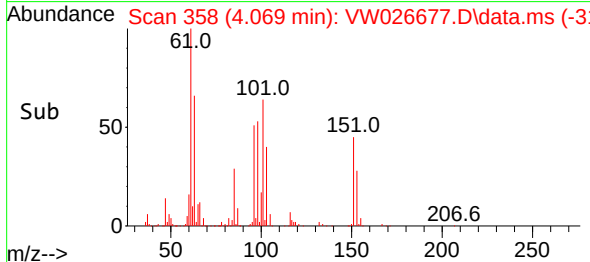
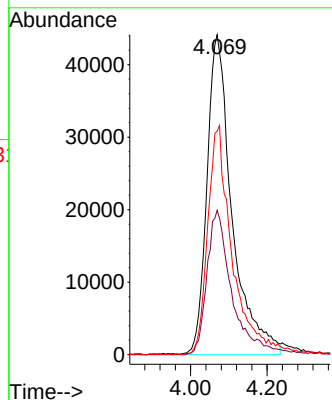
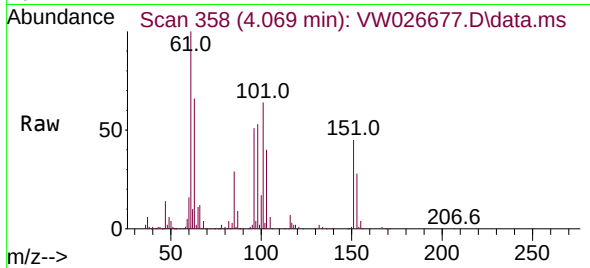




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.846 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW026677.D
 Acq: 10 Aug 2023 14:45

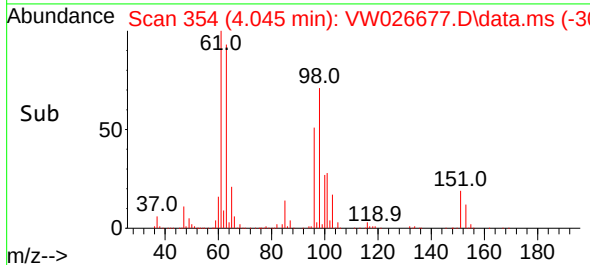
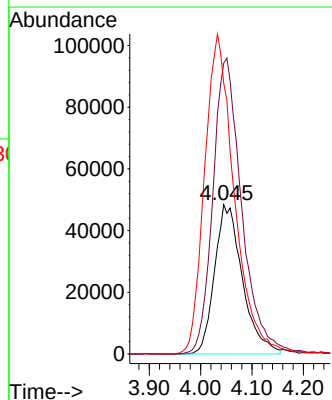
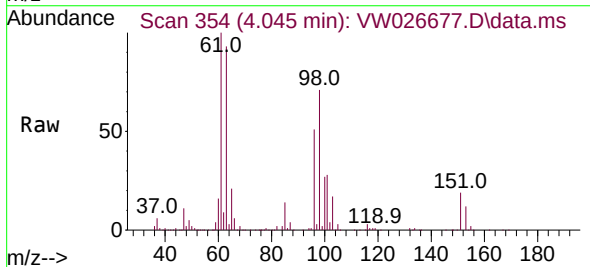
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

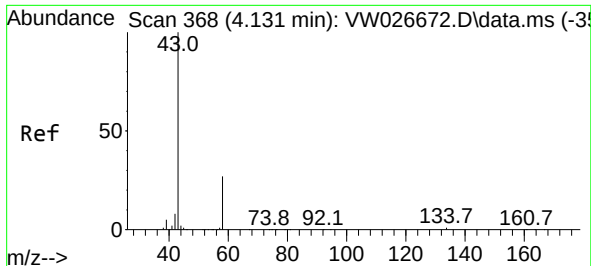
Tgt Ion:101 Resp: 201317
 Ion Ratio Lower Upper
 101 100
 85 41.5 32.8 49.2
 151 69.4 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 22.992 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026677.D
 Acq: 10 Aug 2023 14:45

Tgt Ion: 96 Resp: 182102
 Ion Ratio Lower Upper
 96 100
 61 194.9 133.2 247.4
 63 181.6 109.0 202.4

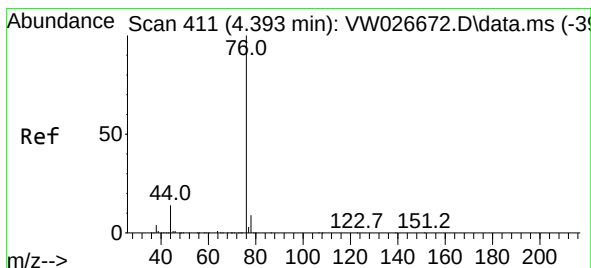
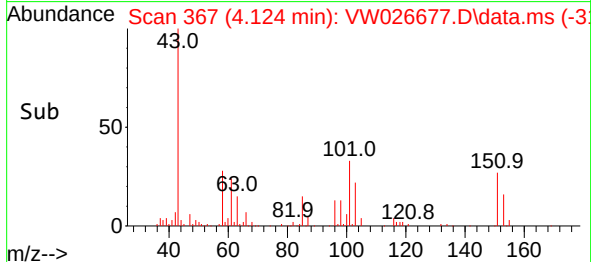
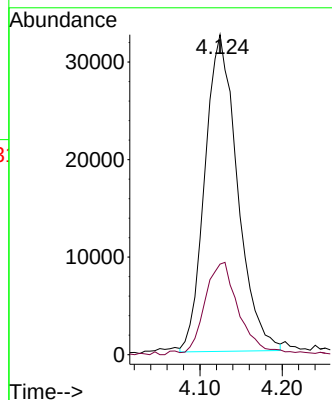
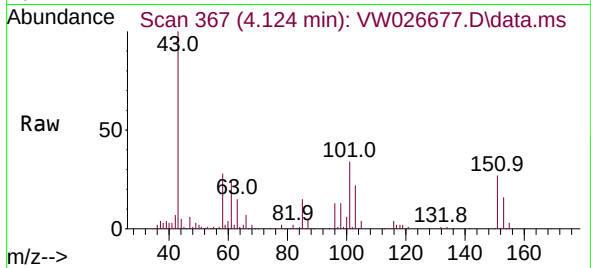




#13
Acetone
Concen: 35.560 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

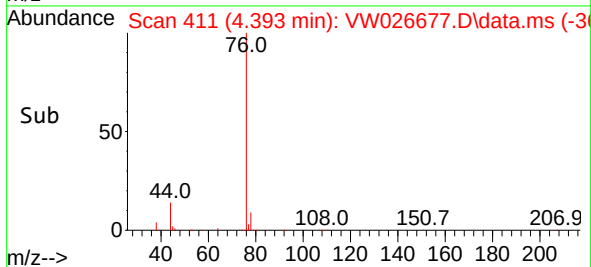
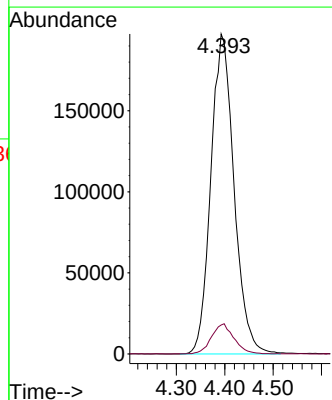
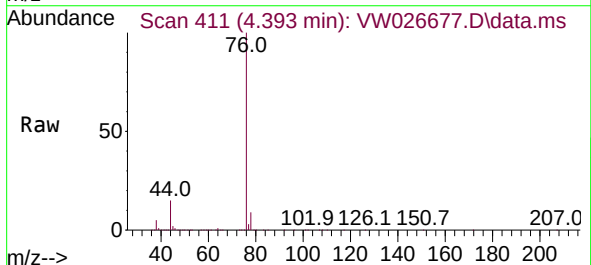
Instrument :
MSVOA_W
ClientSampleId :
VICV427

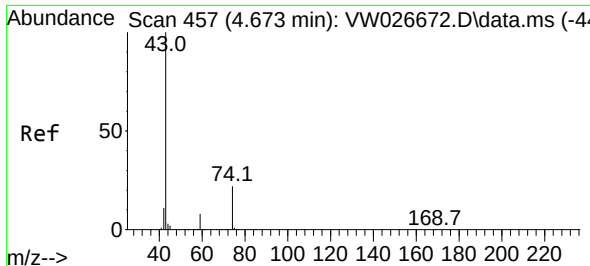
Tgt Ion: 43 Resp: 89517
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.4



#14
Carbon disulfide
Concen: 23.065 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 76 Resp: 657221
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

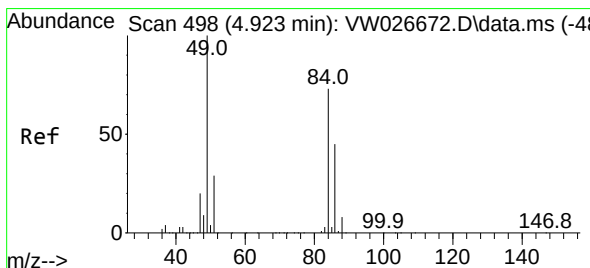
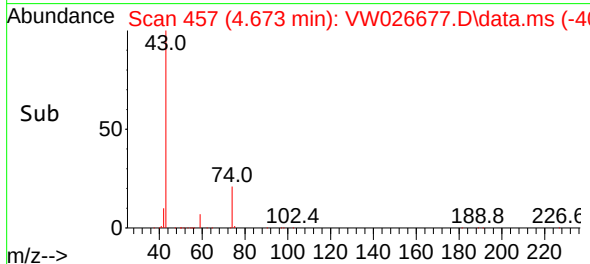
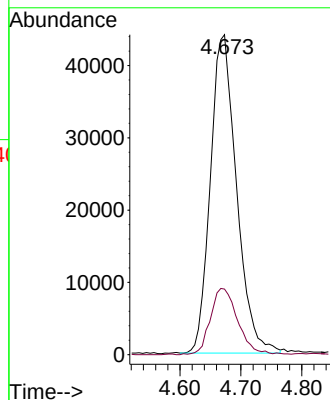
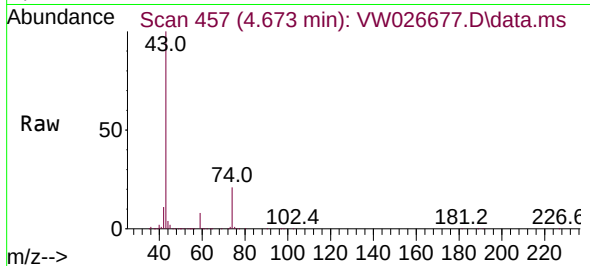




#15
Methyl Acetate
Concen: 26.078 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

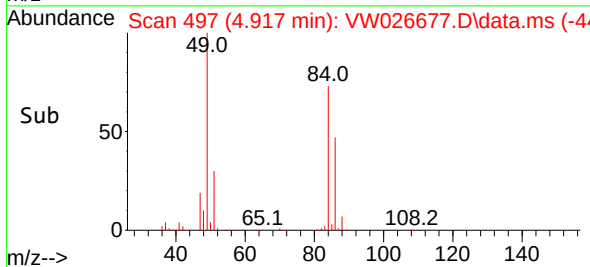
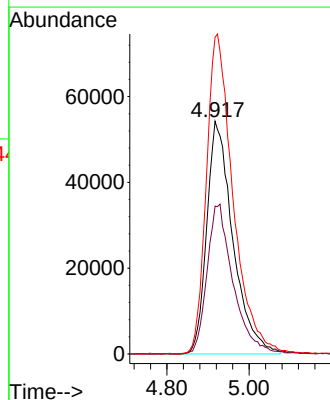
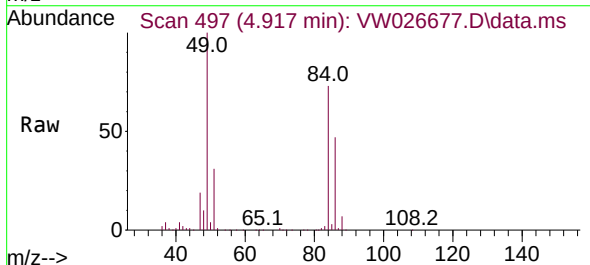
Instrument :
MSVOA_W
ClientSampleId :
VICV427

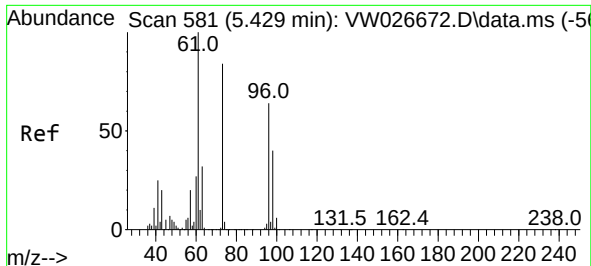
Tgt Ion: 43 Resp: 131500
Ion Ratio Lower Upper
43 100
74 21.4 16.4 24.6



#16
Methylene chloride
Concen: 23.122 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 84 Resp: 239673
Ion Ratio Lower Upper
84 100
86 63.5 43.5 80.9
49 136.1 96.0 178.2

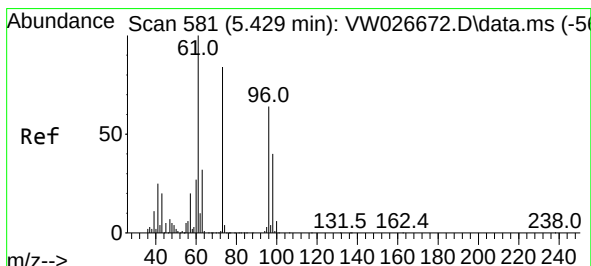
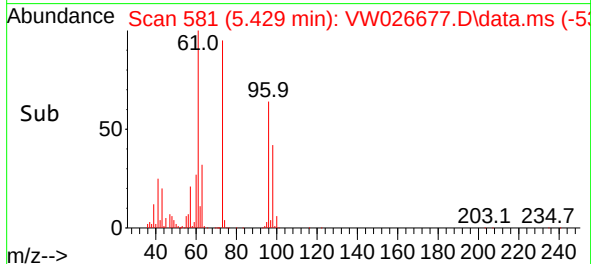
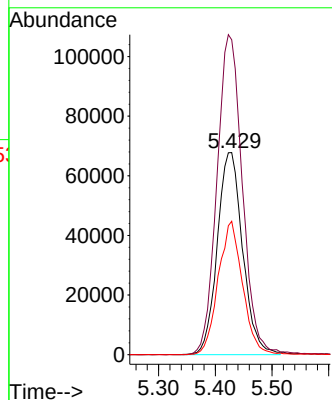
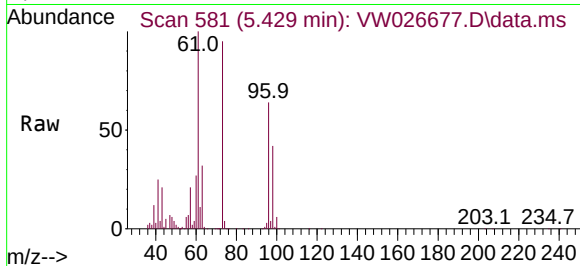




#17
trans-1,2-Dichloroethene
Concen: 23.862 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

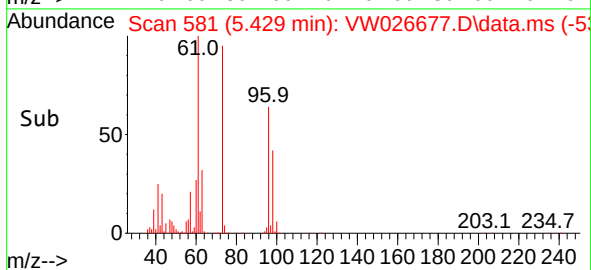
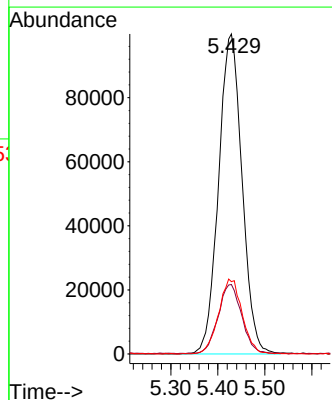
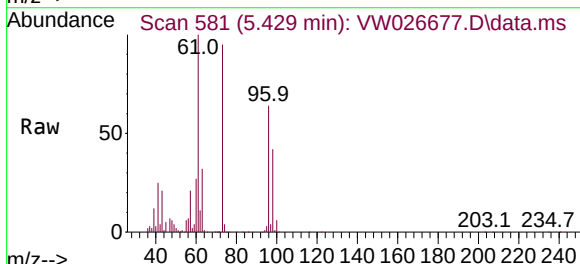
Instrument :
MSVOA_W
ClientSampleId :
VICV427

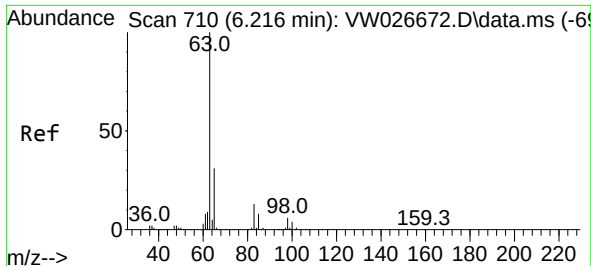
Tgt Ion: 96 Resp: 210897
Ion Ratio Lower Upper
96 100
61 155.8 109.4 203.2
98 66.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.910 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 73 Resp: 346494
Ion Ratio Lower Upper
73 100
43 21.7 18.0 27.0
57 23.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.236 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

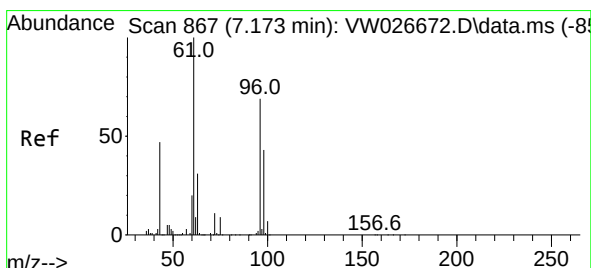
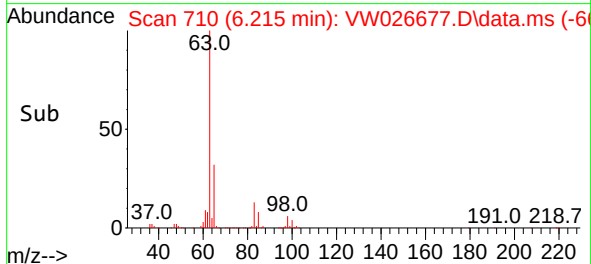
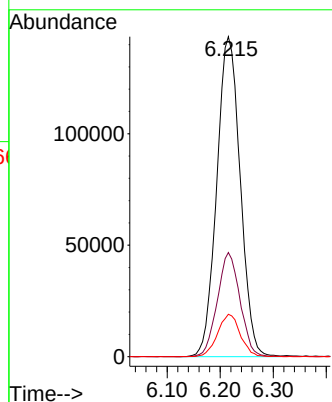
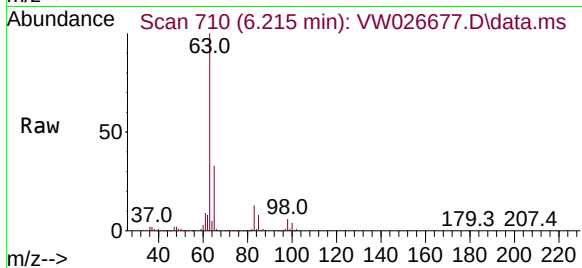
Tgt Ion: 63 Resp: 440867

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 13.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.675 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

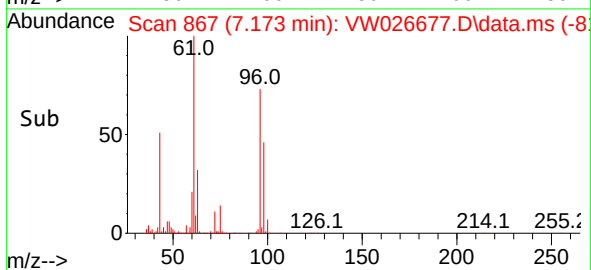
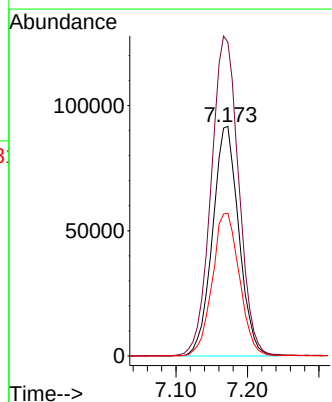
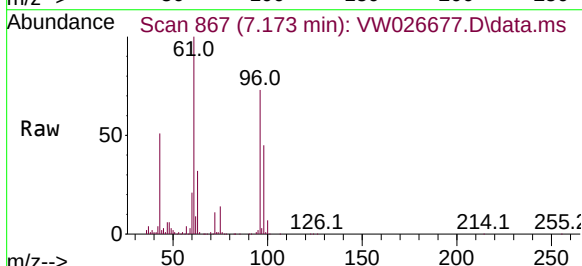
Tgt Ion: 96 Resp: 234412

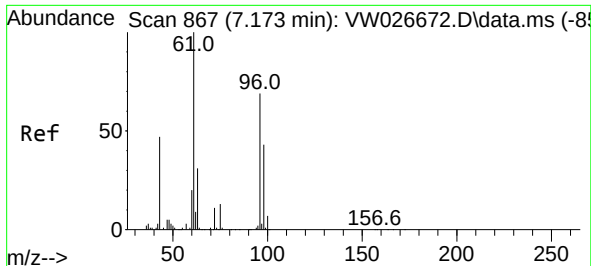
Ion Ratio Lower Upper

96 100

61 136.6 101.2 188.0

98 62.2 43.8 81.3

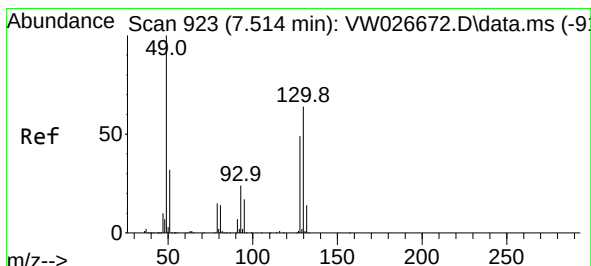
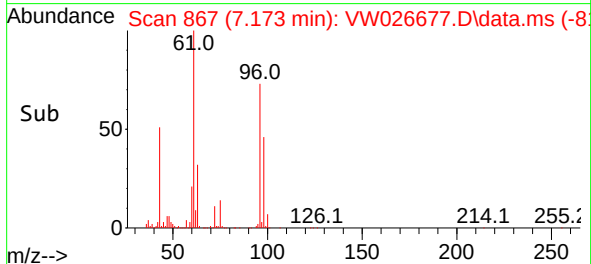
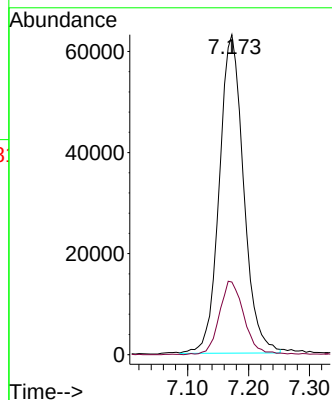
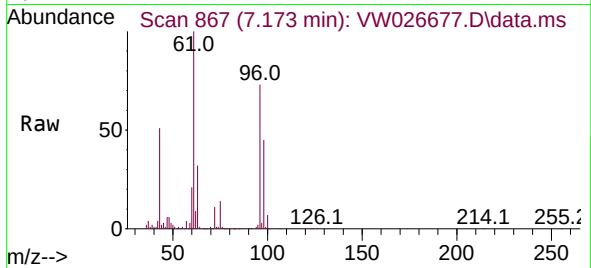




#22
2-Butanone
Concen: 47.035 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

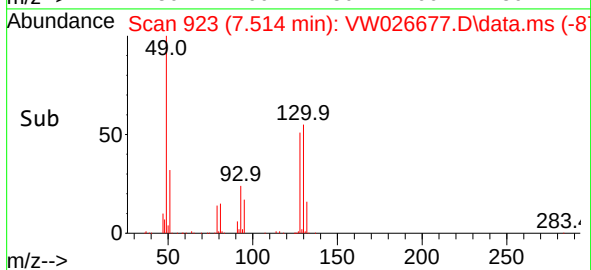
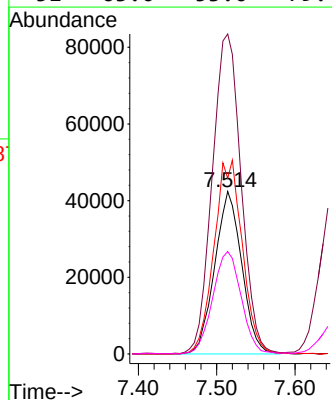
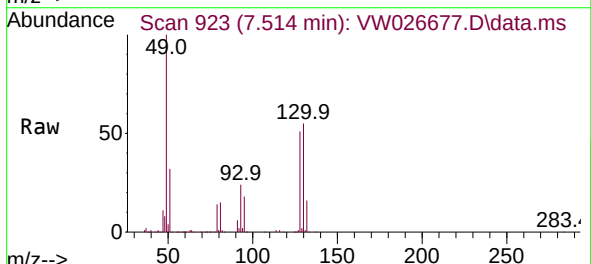
Instrument :
MSVOA_W
ClientSampleId :
VICV427

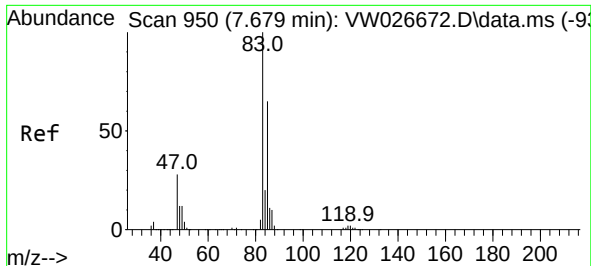
Tgt Ion: 43 Resp: 174492
Ion Ratio Lower Upper
43 100
72 22.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.805 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 128 Resp: 101790
Ion Ratio Lower Upper
128 100
49 196.9 143.1 265.7
130 108.1 91.8 170.4
51 63.0 53.0 79.4

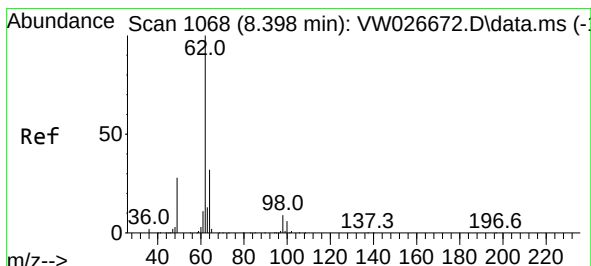
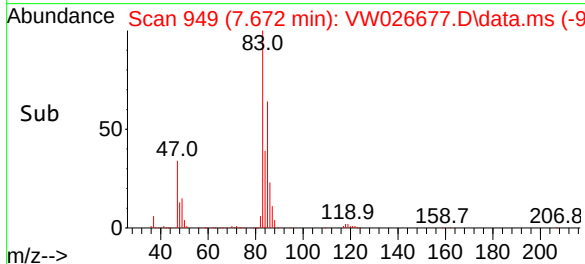
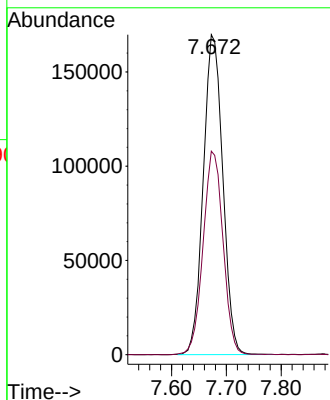
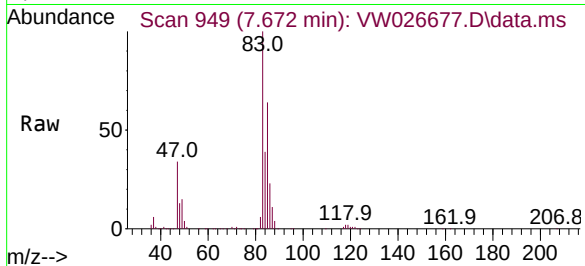




#25
Chloroform
Concen: 23.825 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

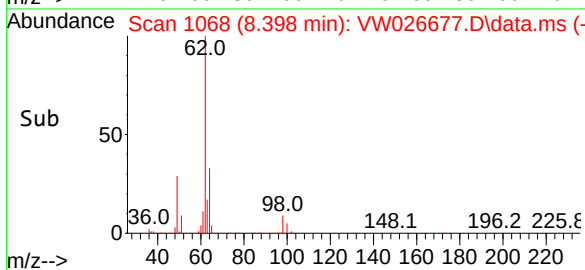
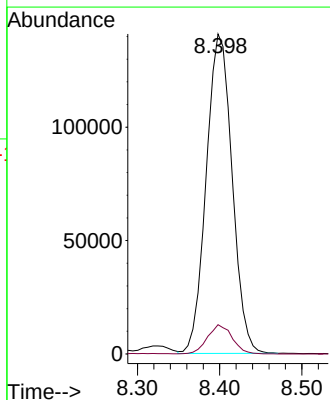
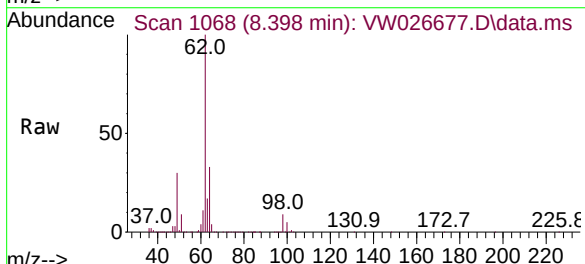
Instrument :
MSVOA_W
ClientSampleId :
VICV427

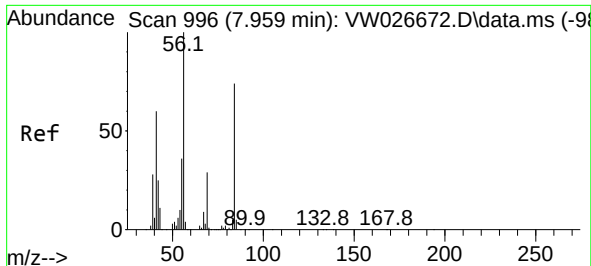
Tgt Ion: 83 Resp: 418682
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.141 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 62 Resp: 308220
Ion Ratio Lower Upper
62 100
98 9.2 7.1 10.7





#29

Cyclohexane

Concen: 23.900 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

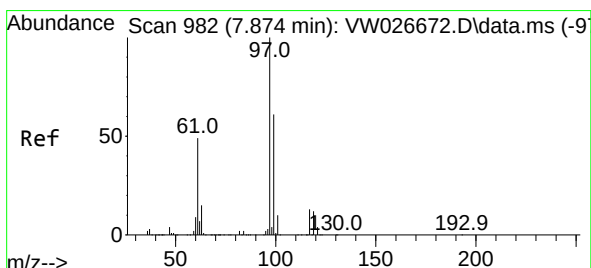
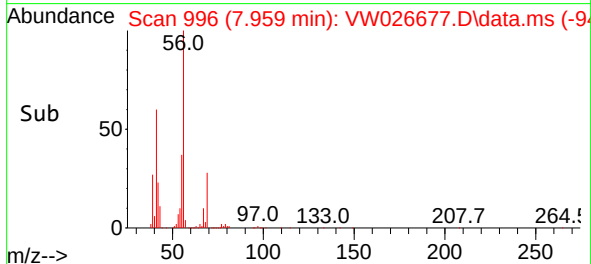
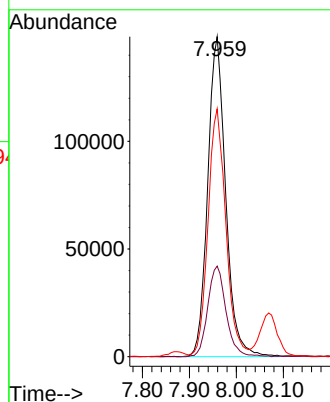
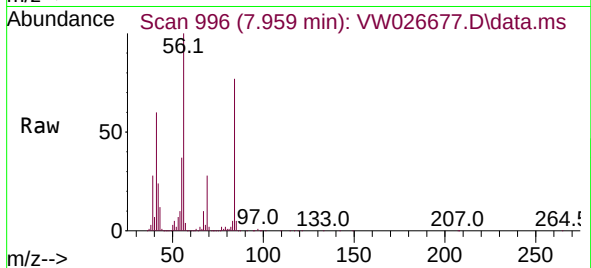
Tgt Ion: 56 Resp: 394217

Ion Ratio Lower Upper

56 100

69 28.7 23.2 34.8

84 76.8 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 22.773 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

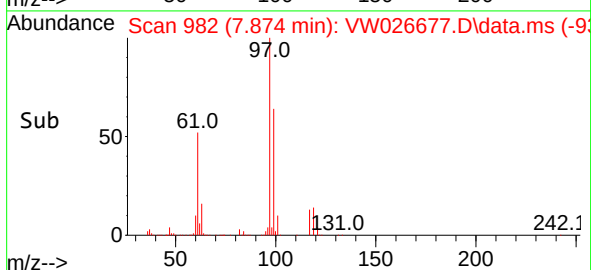
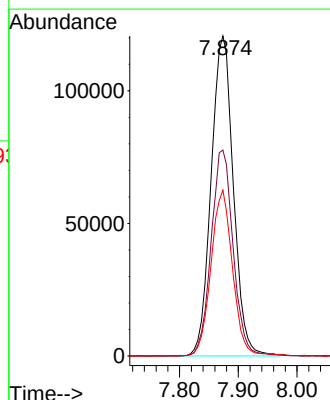
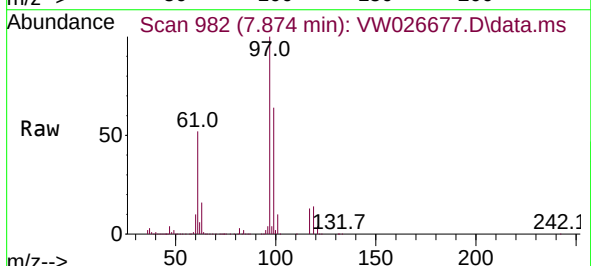
Tgt Ion: 97 Resp: 317003

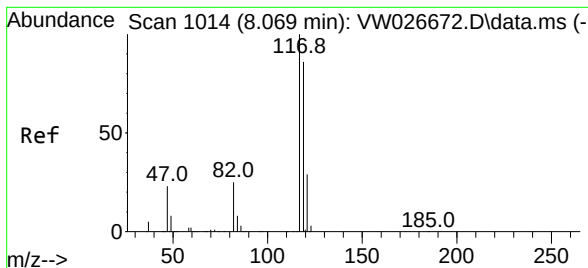
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 49.7 39.2 58.8

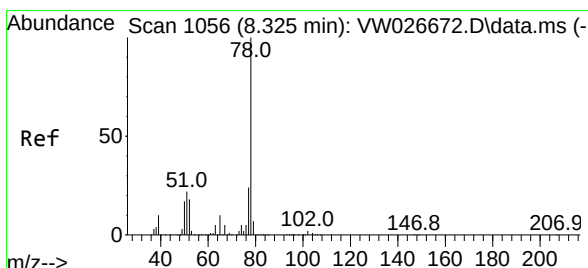
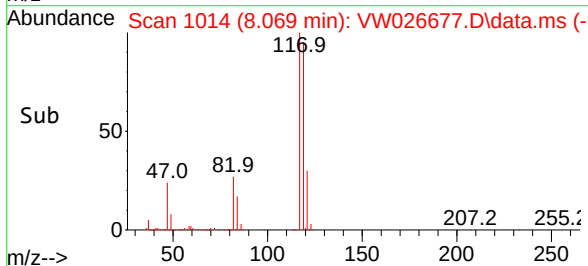
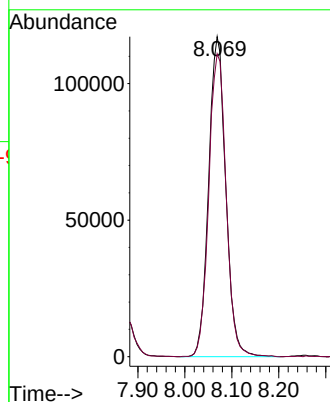
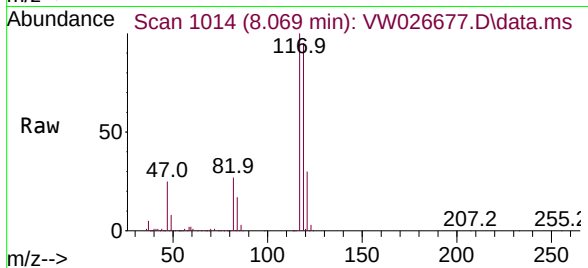




#31
Carbon tetrachloride
Concen: 23.192 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

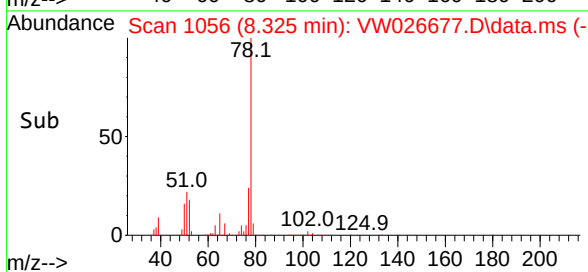
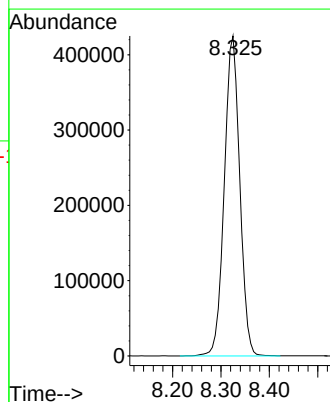
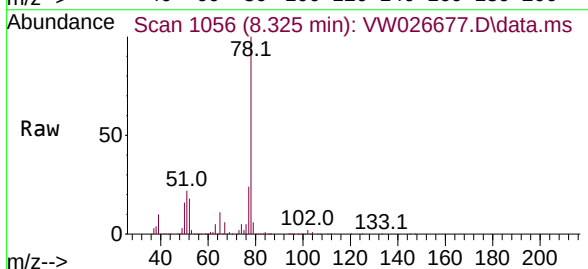
Instrument :
MSVOA_W
ClientSampleId :
VICV427

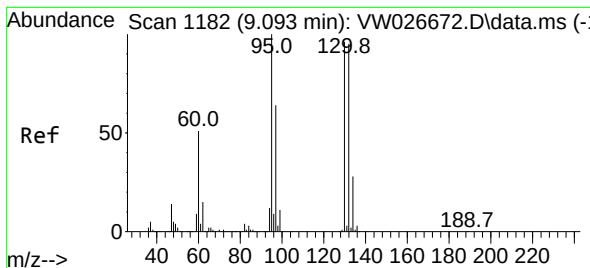
Tgt Ion:117 Resp: 295168
Ion Ratio Lower Upper
117 100
119 96.4 73.0 109.4



#33
Benzene
Concen: 24.304 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 78 Resp: 943983





#34

Trichloroethene

Concen: 23.559 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

Tgt Ion: 95 Resp: 233057

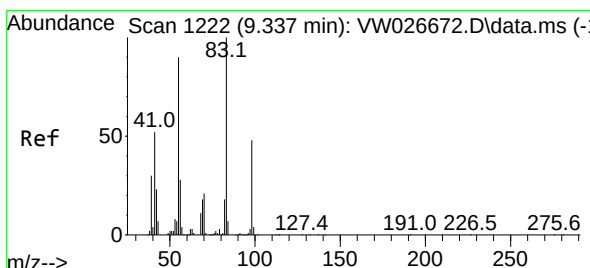
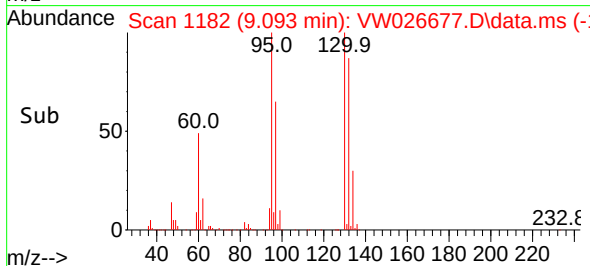
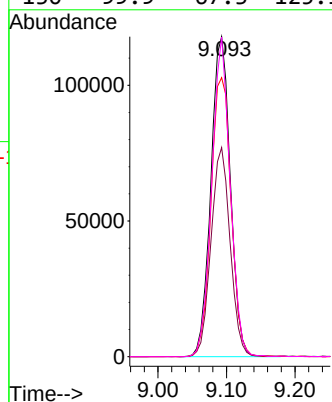
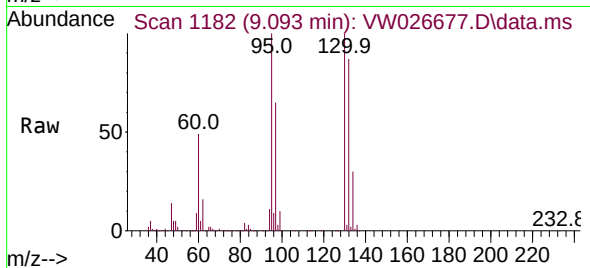
Ion Ratio Lower Upper

95 100

97 65.4 44.6 82.8

132 87.2 66.4 123.2

130 99.9 67.3 125.1



#35

Methylcyclohexane

Concen: 23.898 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

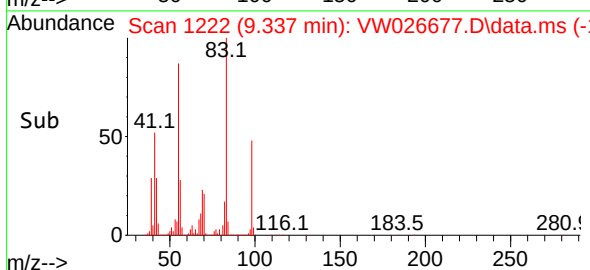
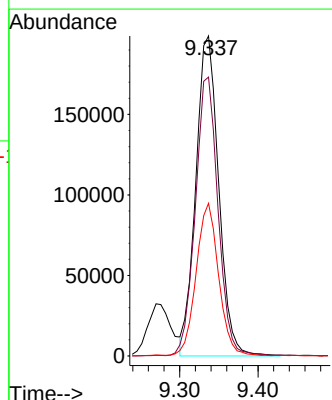
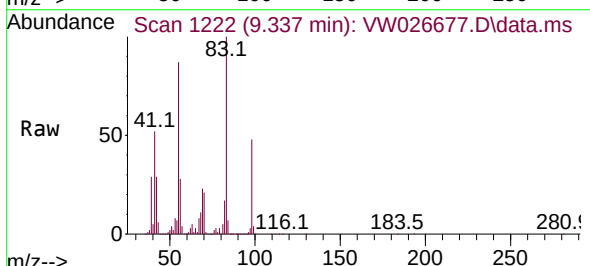
Tgt Ion: 83 Resp: 404430

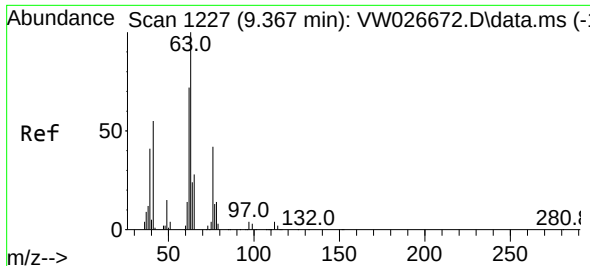
Ion Ratio Lower Upper

83 100

55 86.2 69.3 103.9

98 47.0 37.4 56.0





#37

1,2-Dichloropropane

Concen: 24.011 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

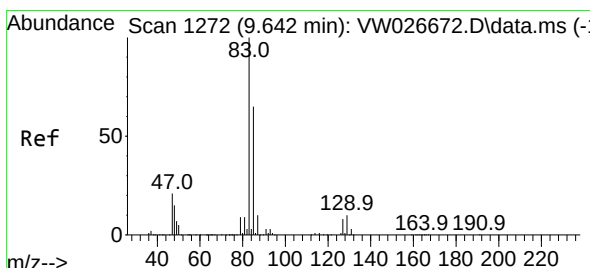
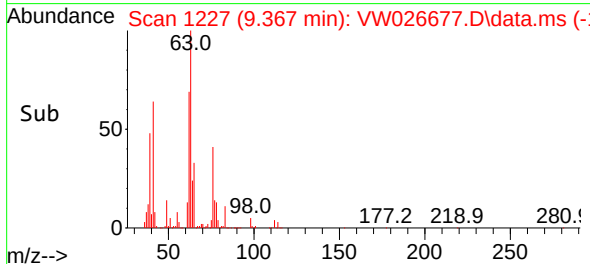
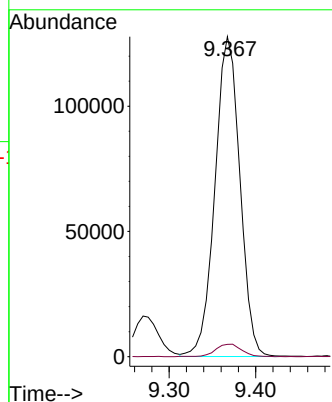
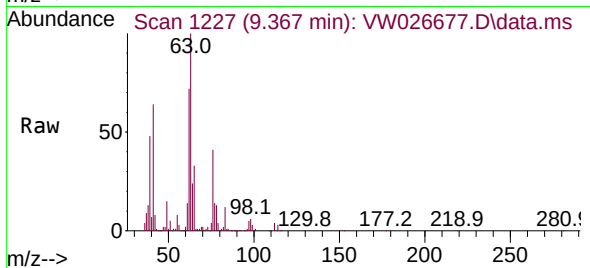
VICV427

Tgt Ion: 63 Resp: 255447

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 23.896 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

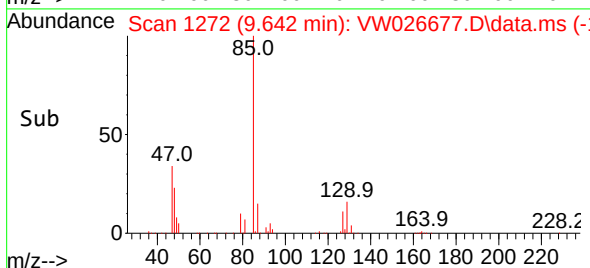
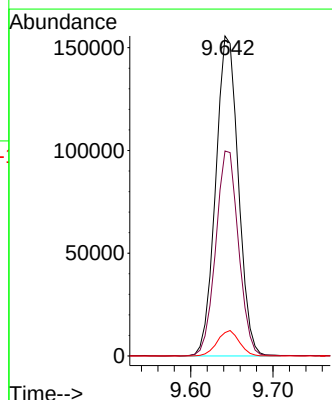
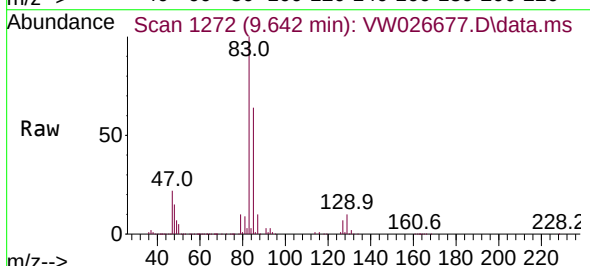
Tgt Ion: 83 Resp: 298229

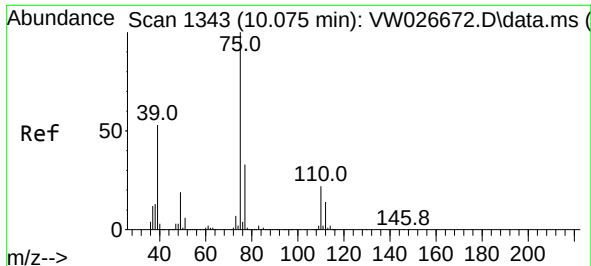
Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.2

127 7.3 6.2 9.2

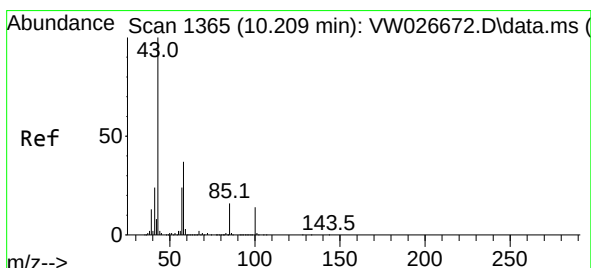
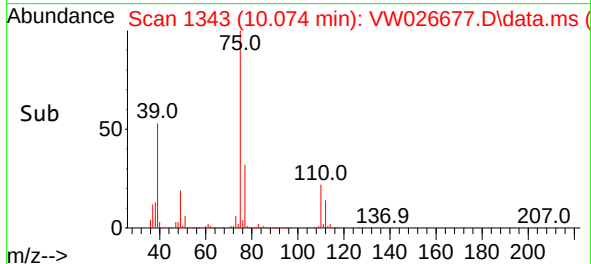
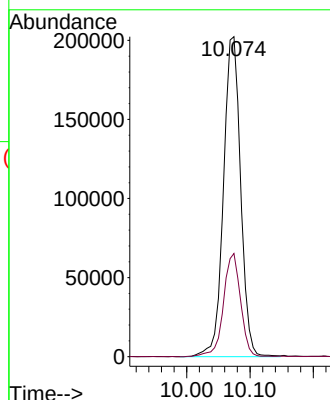
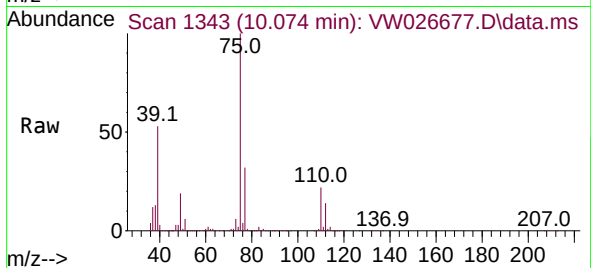




#39
cis-1,3-Dichloropropene
Concen: 24.840 ug/L
RT: 10.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

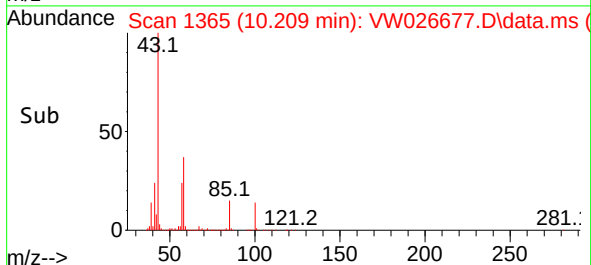
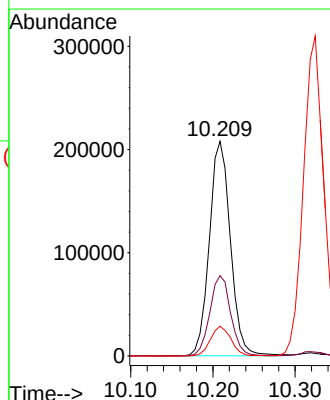
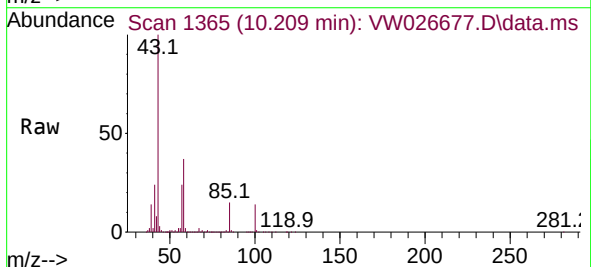
Instrument :
MSVOA_W
ClientSampleId :
VICV427

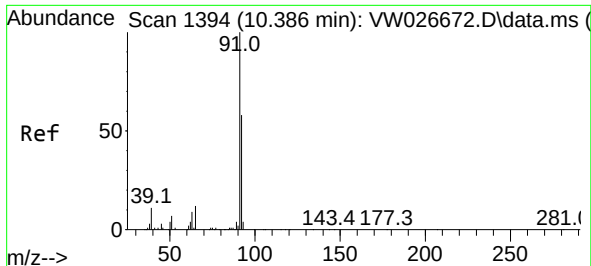
Tgt Ion: 75 Resp: 380171
Ion Ratio Lower Upper
75 100
77 32.3 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 53.450 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 43 Resp: 369887
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8
100 13.5 10.7 16.1

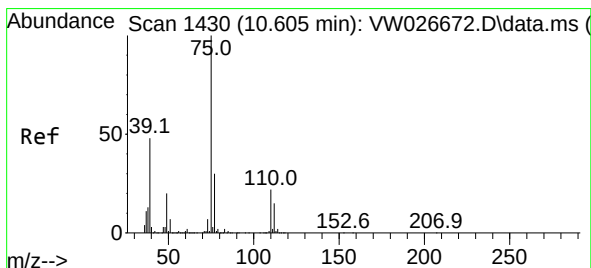
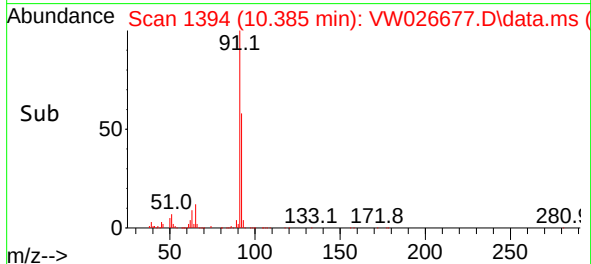
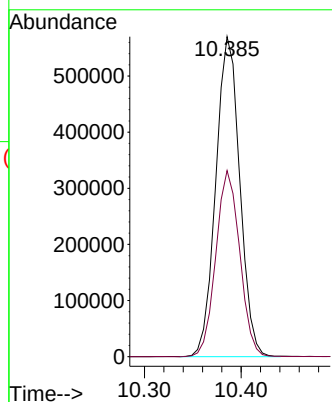
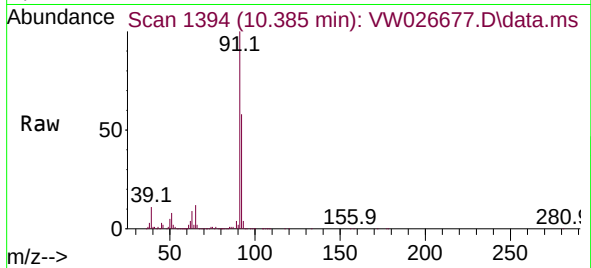




#42
Toluene
Concen: 24.987 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

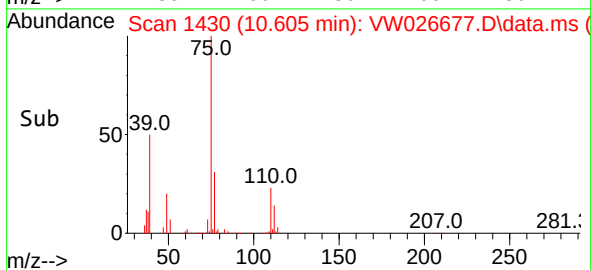
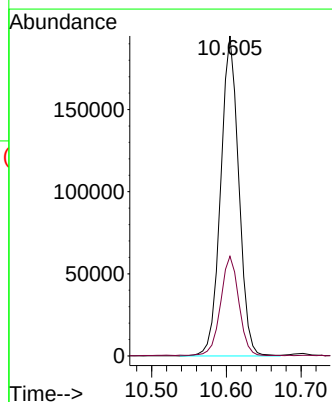
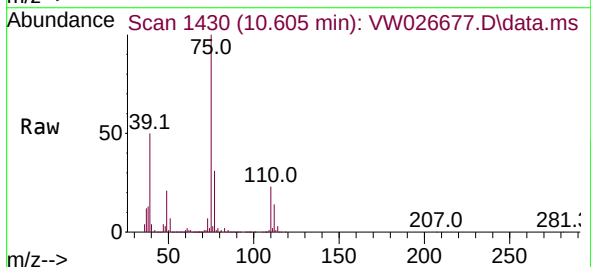
Instrument :
MSVOA_W
ClientSampleId :
VICV427

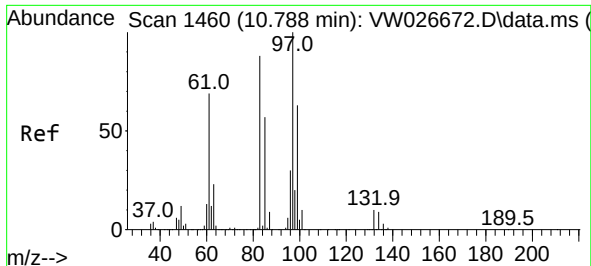
Tgt Ion: 91 Resp: 981787
Ion Ratio Lower Upper
91 100
92 58.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 24.941 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 75 Resp: 328560
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4



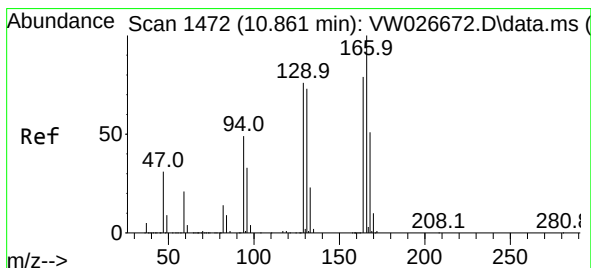
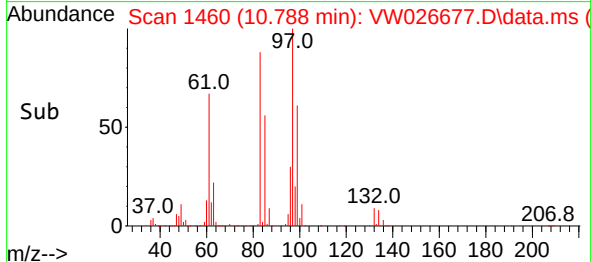
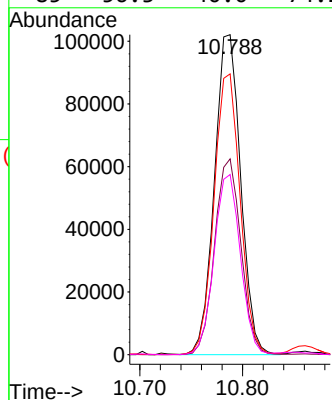
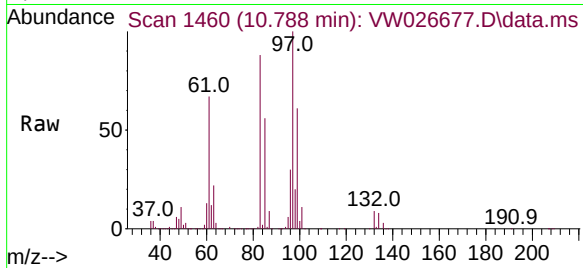


#45
1,1,2-Trichloroethane
Concen: 24.937 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Instrument :
MSVOA_W
ClientSampleId :
VICV427

Tgt Ion: 97 Resp: 181443

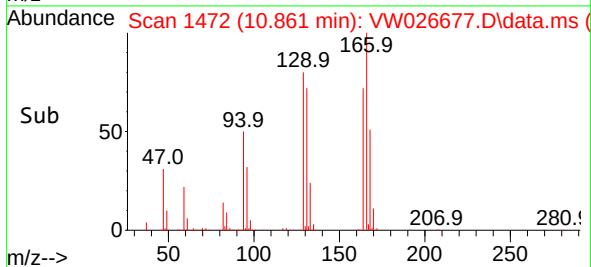
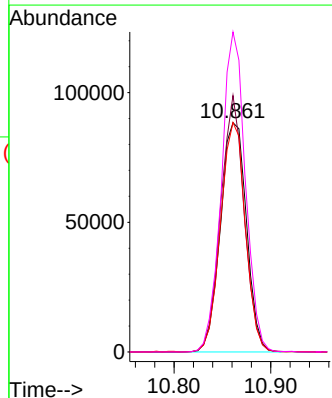
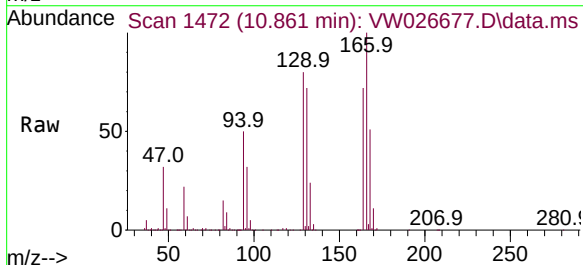
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.2	82.0
83	87.8	61.9	114.9
85	56.3	40.0	74.2

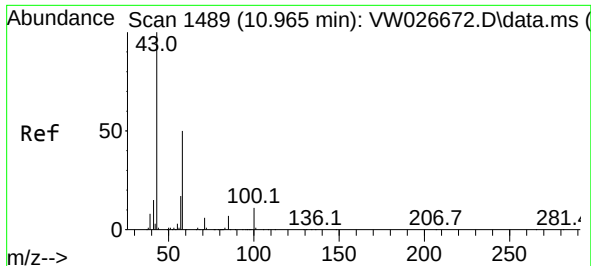


#46
Tetrachloroethene
Concen: 22.923 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 164 Resp: 164741

Ion	Ratio	Lower	Upper
164	100		
129	111.9	68.1	126.5
131	100.1	65.5	121.7
166	139.6	89.1	165.5

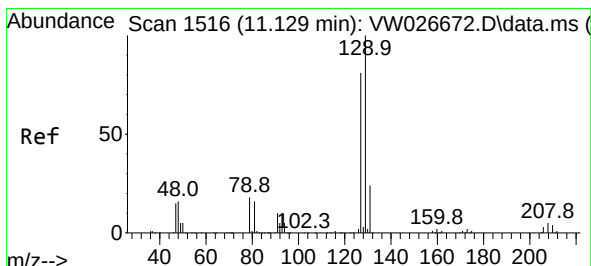
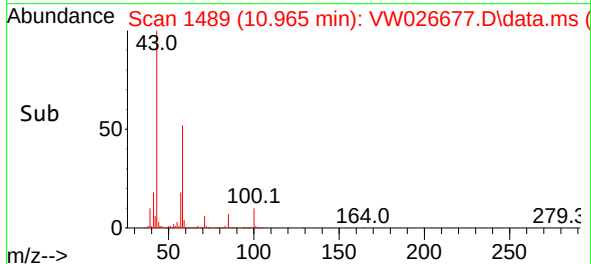
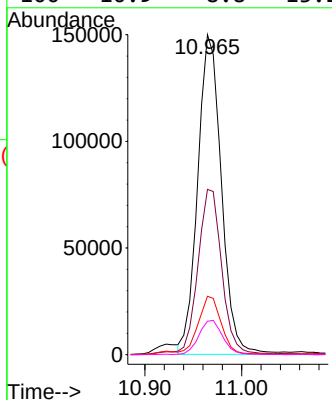
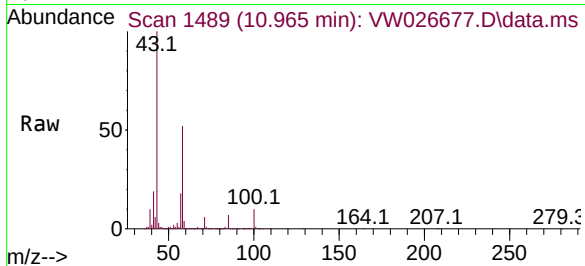




#48
2-Hexanone
Concen: 54.292 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

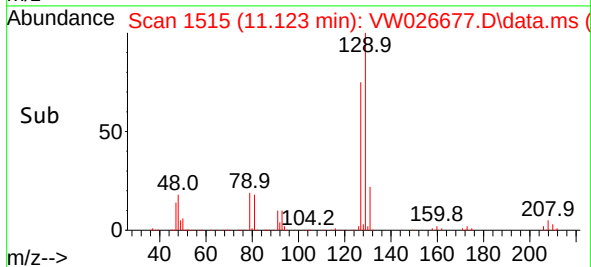
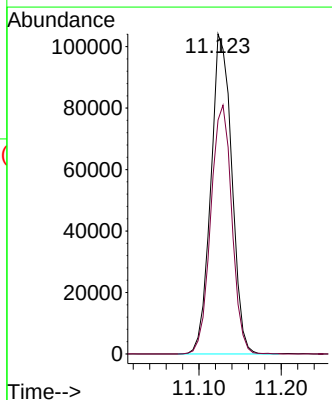
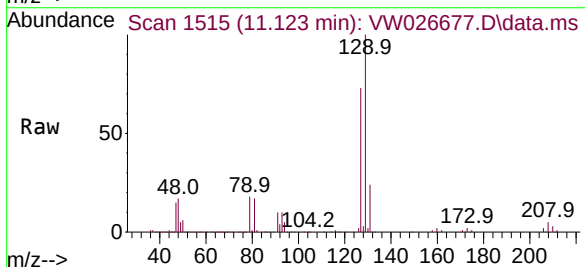
Instrument :
MSVOA_W
ClientSampleId :
VICV427

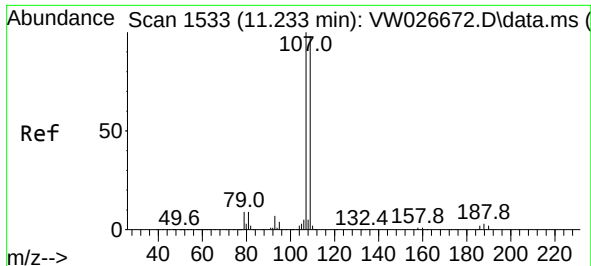
Tgt Ion: 43 Resp: 255653
Ion Ratio Lower Upper
43 100
58 52.7 41.1 61.7
57 17.8 14.3 21.5
100 10.9 8.8 13.2



#49
Dibromochloromethane
Concen: 24.207 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion: 129 Resp: 184215
Ion Ratio Lower Upper
129 100
127 73.1 56.6 105.2

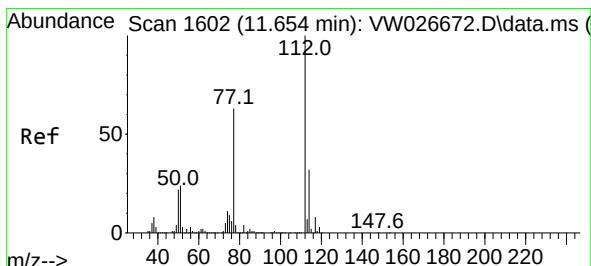
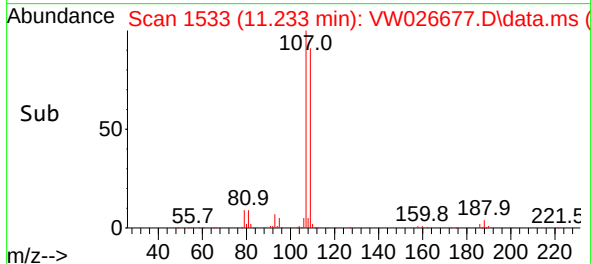
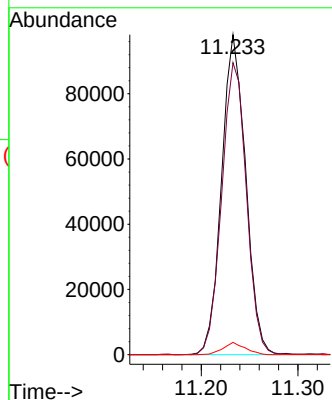
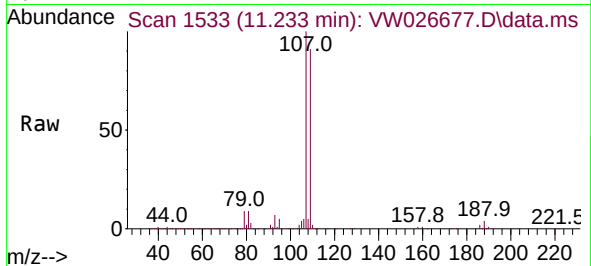




#50
1,2-Dibromoethane
Concen: 24.803 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

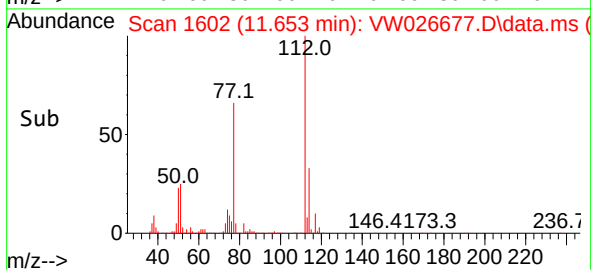
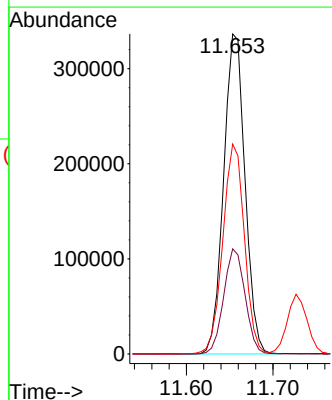
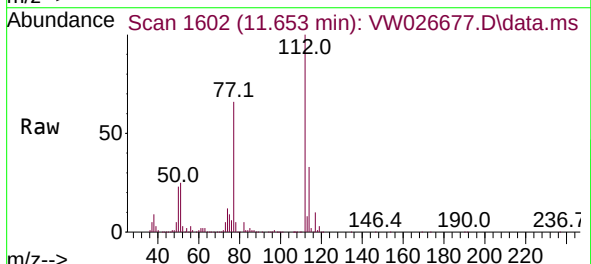
Instrument :
MSVOA_W
ClientSampleId :
VICV427

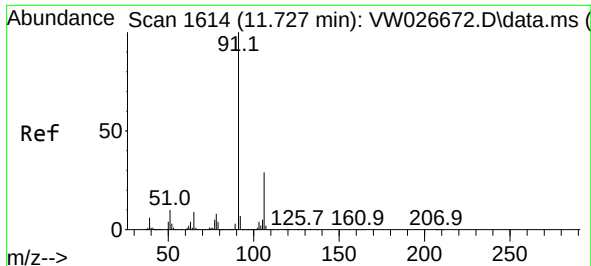
Tgt Ion:107 Resp: 169333
Ion Ratio Lower Upper
107 100
109 91.3 68.8 127.8
188 4.0 2.7 4.1



#51
Chlorobenzene
Concen: 23.265 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion:112 Resp: 577422
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 65.6 50.2 75.2





#52

Ethylbenzene

Concen: 24.068 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

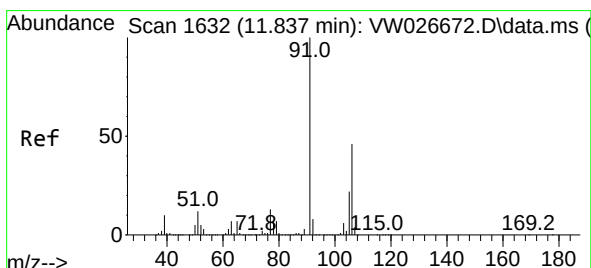
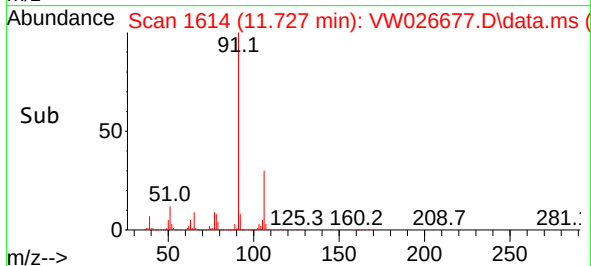
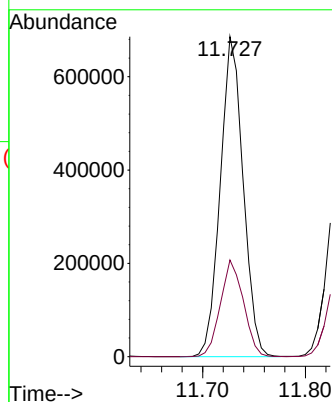
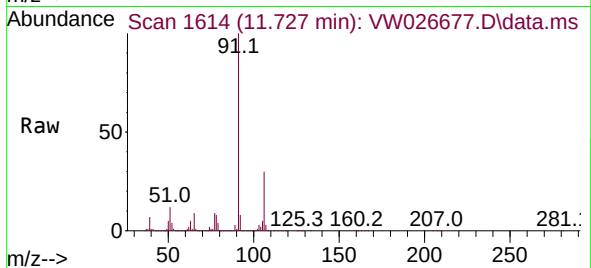
VICV427

Tgt Ion: 91 Resp: 1060486

Ion Ratio Lower Upper

91 100

106 30.2 20.2 37.6



#53

m,p-Xylene

Concen: 24.609 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026677.D

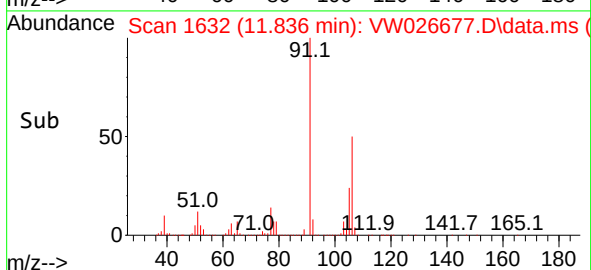
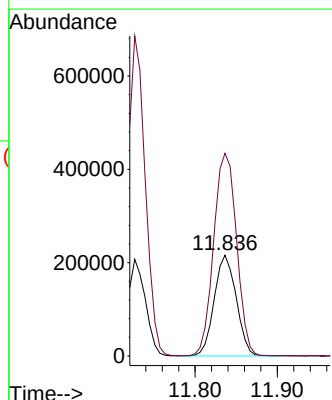
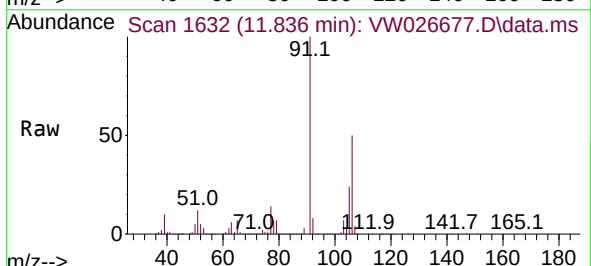
Acq: 10 Aug 2023 14:45

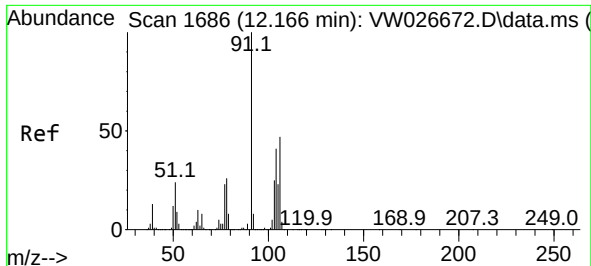
Tgt Ion: 106 Resp: 401701

Ion Ratio Lower Upper

106 100

91 201.2 152.9 284.1

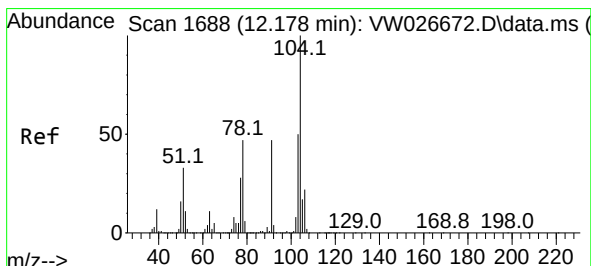
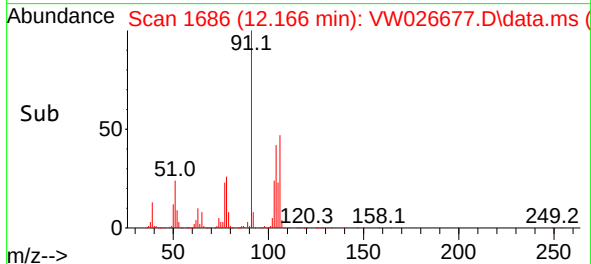
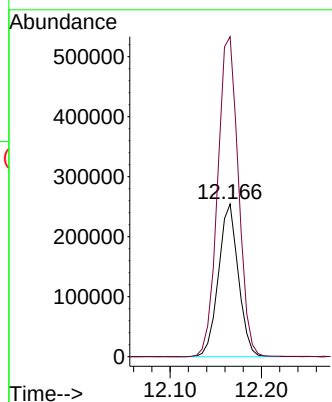
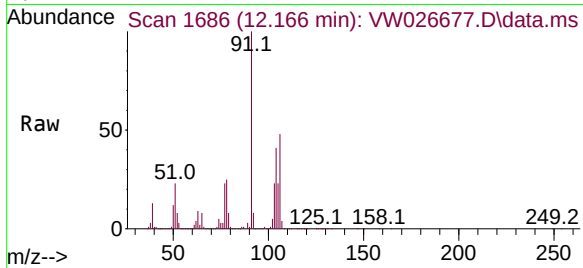




#54
o-Xylene
Concen: 25.245 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

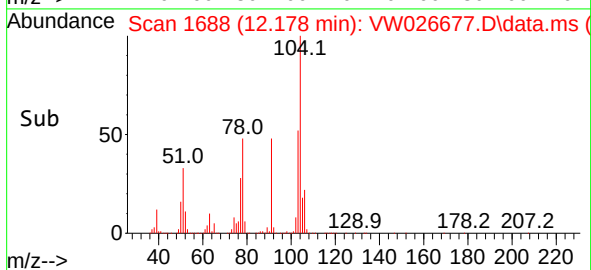
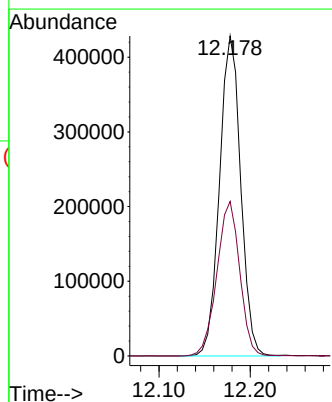
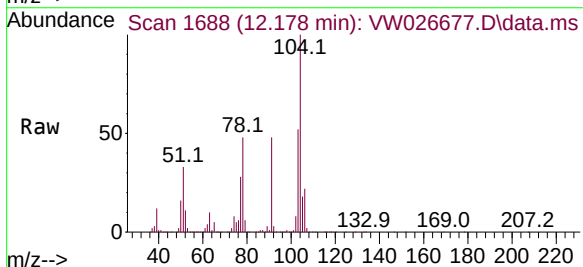
Instrument :
MSVOA_W
ClientSampleId :
VICV427

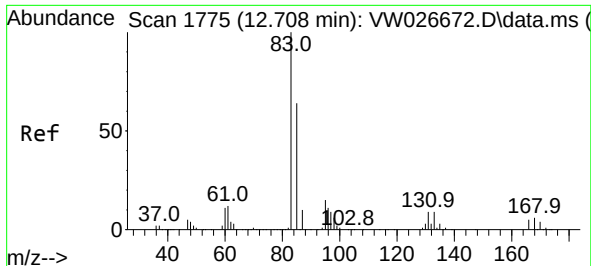
Tgt Ion:106 Resp: 384587
Ion Ratio Lower Upper
106 100
91 209.6 149.9 278.3



#55
Styrene
Concen: 26.102 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026677.D
Acq: 10 Aug 2023 14:45

Tgt Ion:104 Resp: 691411
Ion Ratio Lower Upper
104 100
78 48.3 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.267 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

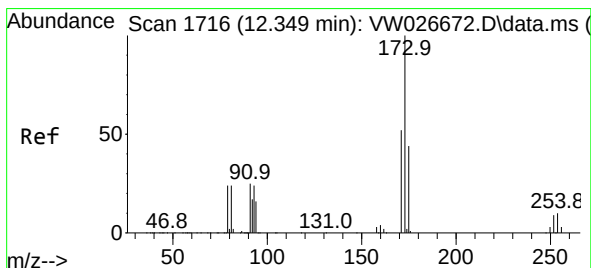
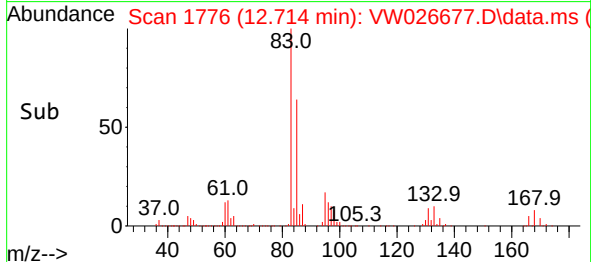
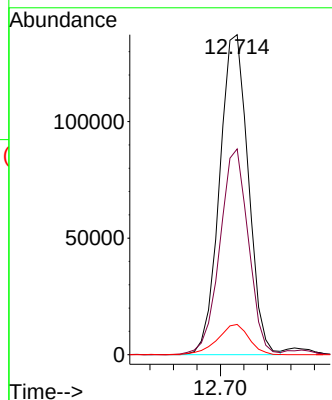
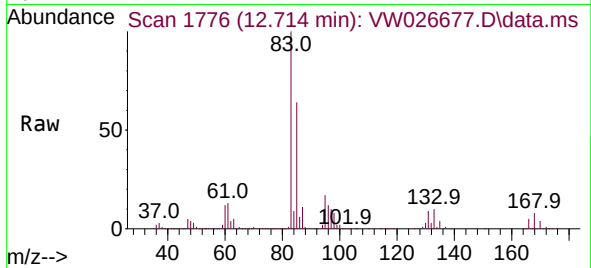
Tgt Ion: 83 Resp: 232831

Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3

131 9.4 7.4 11.0



#59

Bromoform

Concen: 23.993 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

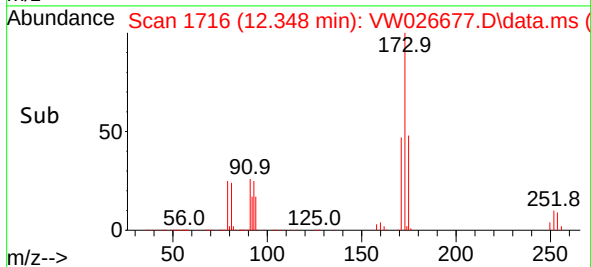
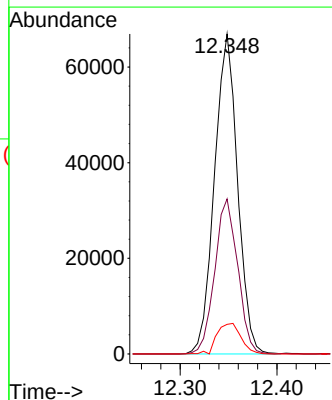
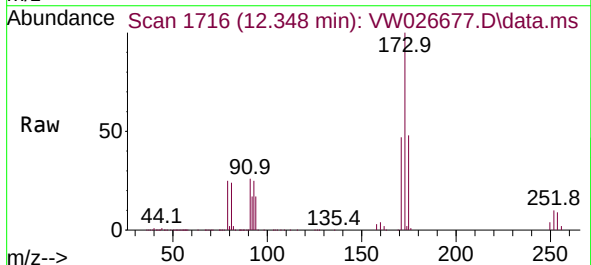
Tgt Ion:173 Resp: 110816

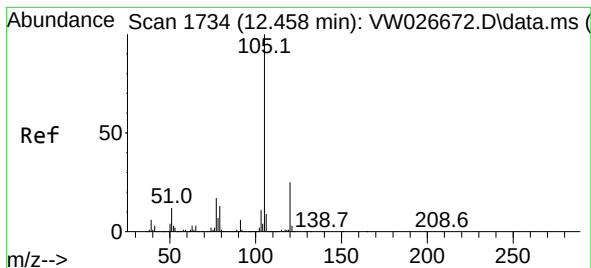
Ion Ratio Lower Upper

173 100

175 48.2 36.6 55.0

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 23.930 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

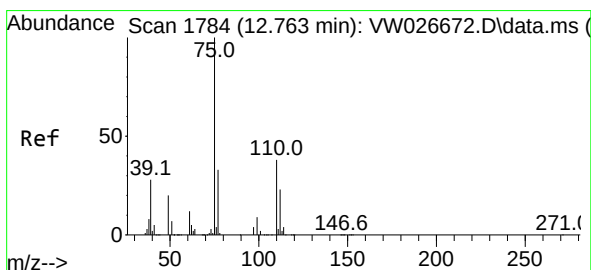
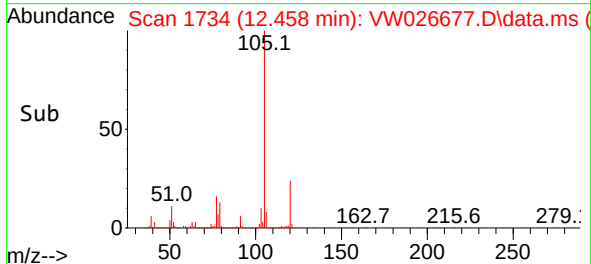
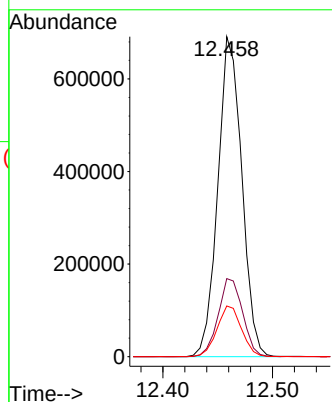
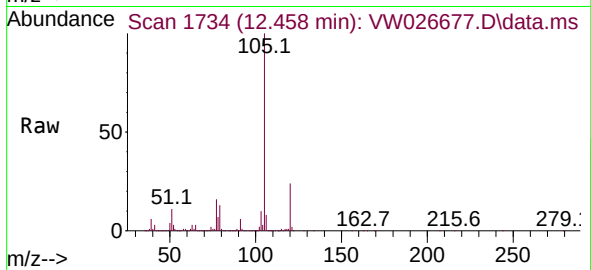
Tgt Ion:105 Resp: 1048963

Ion Ratio Lower Upper

105 100

120 24.9 21.0 31.6

77 16.3 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.354 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

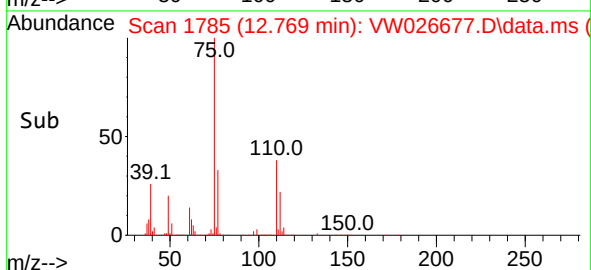
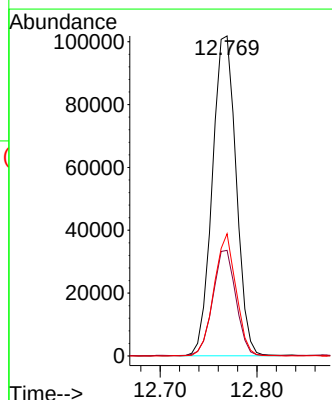
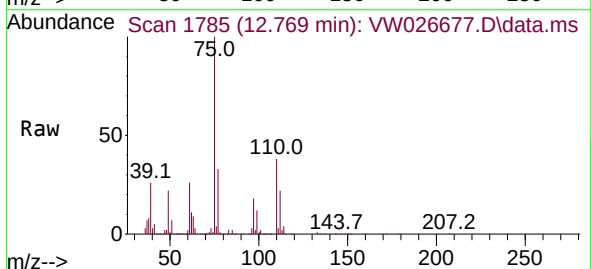
Tgt Ion: 75 Resp: 174177

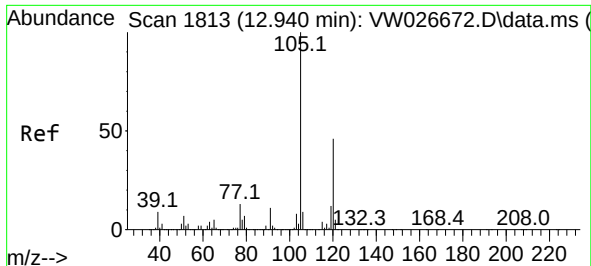
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

110 35.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 24.639 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

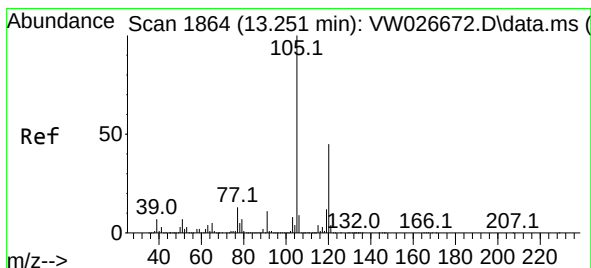
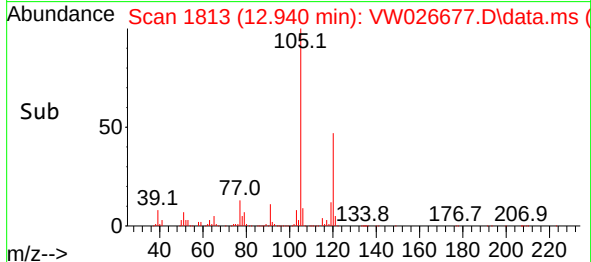
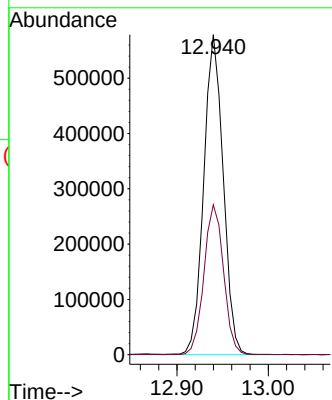
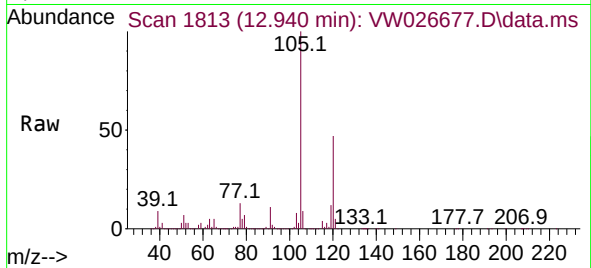
VICV427

Tgt Ion:105 Resp: 853683

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.711 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW026677.D

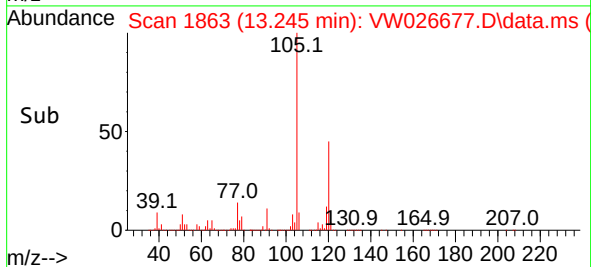
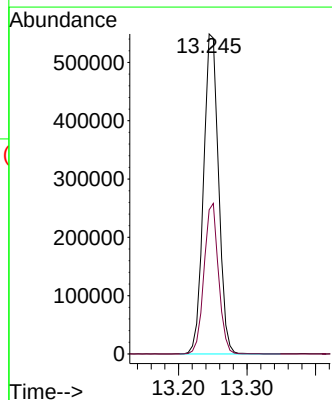
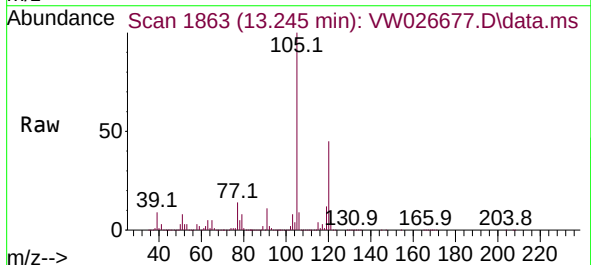
Acq: 10 Aug 2023 14:45

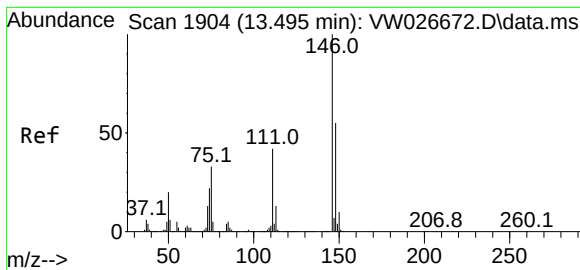
Tgt Ion:105 Resp: 838998

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 23.411 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

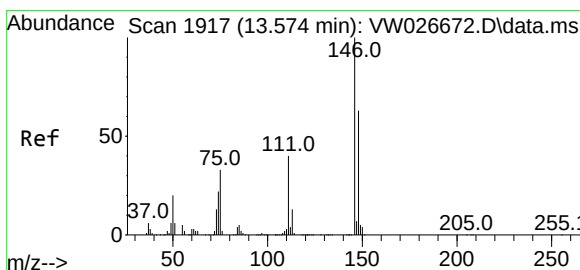
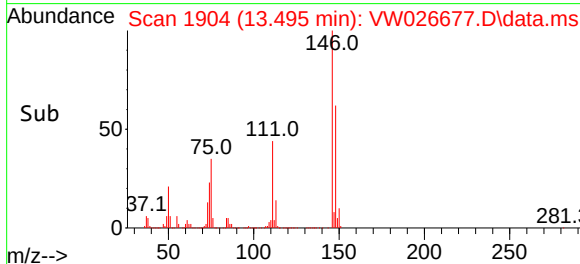
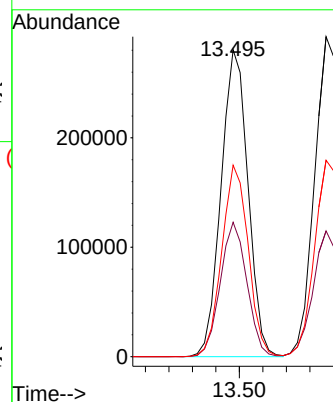
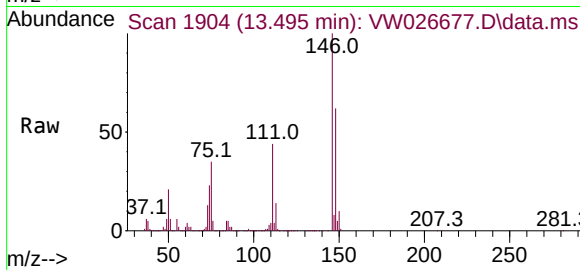
Tgt Ion:146 Resp: 446320

Ion Ratio Lower Upper

146 100

111 43.8 29.1 54.1

148 62.4 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 23.026 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

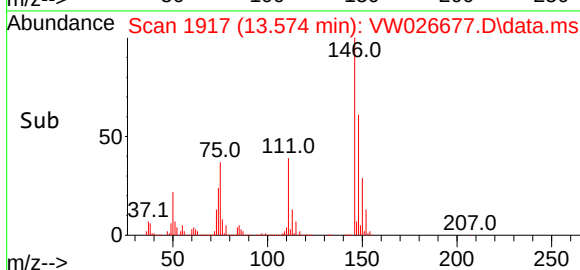
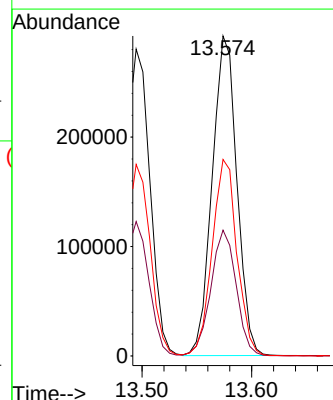
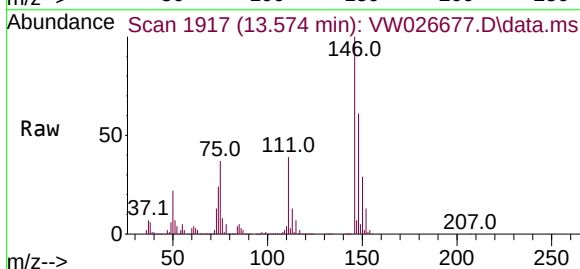
Tgt Ion:146 Resp: 458108

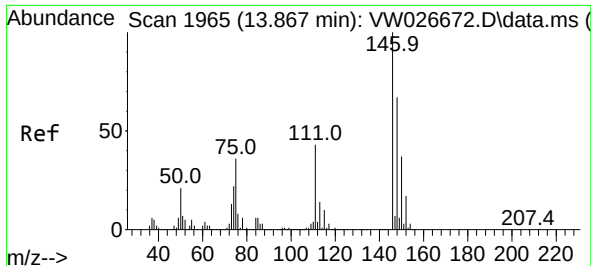
Ion Ratio Lower Upper

146 100

111 39.3 28.3 52.7

148 61.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 23.071 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

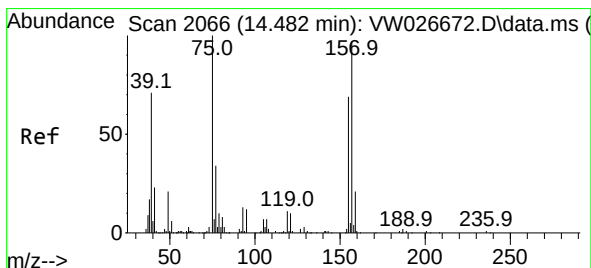
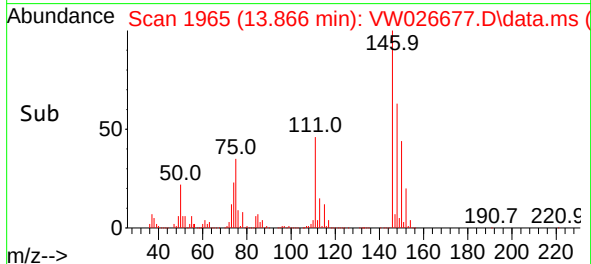
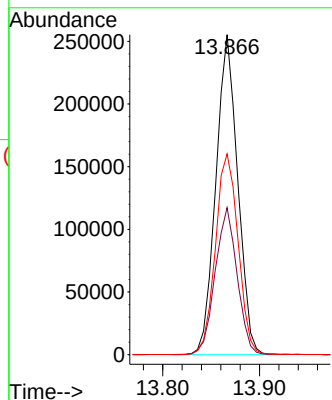
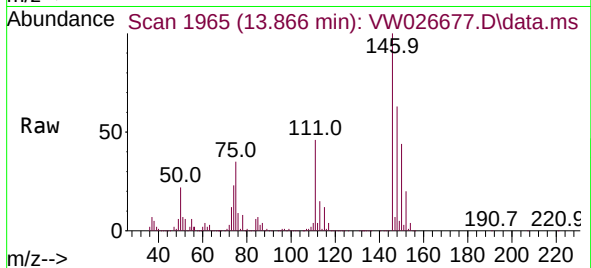
Tgt Ion:146 Resp: 399953

Ion Ratio Lower Upper

146 100

111 46.0 34.6 52.0

148 62.7 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.555 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

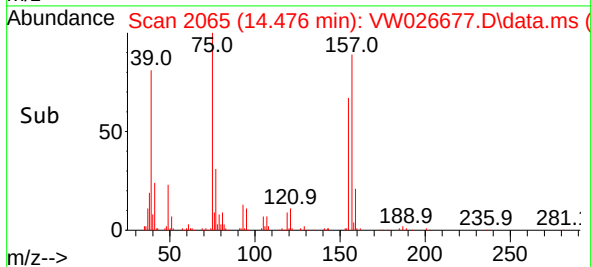
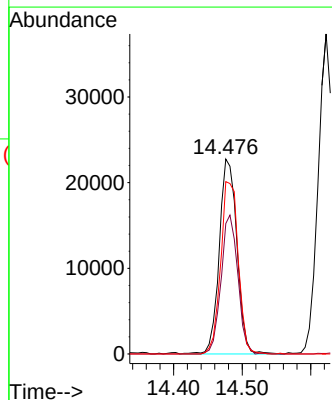
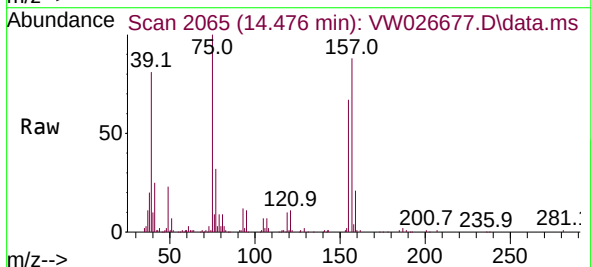
Tgt Ion: 75 Resp: 40612

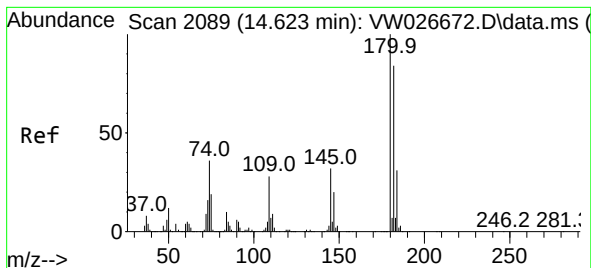
Ion Ratio Lower Upper

75 100

155 66.9 55.0 82.6

157 88.4 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 22.034 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

Tgt Ion:180 Resp: 283787

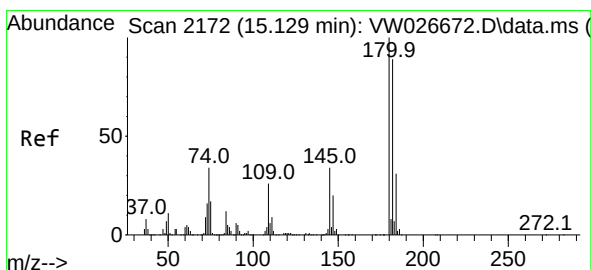
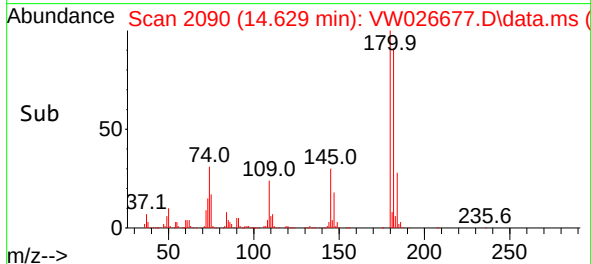
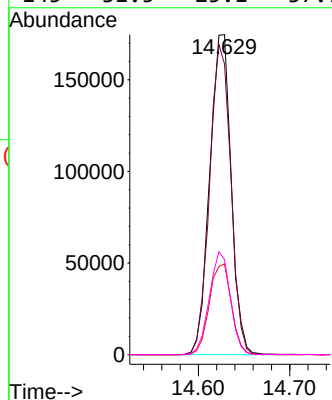
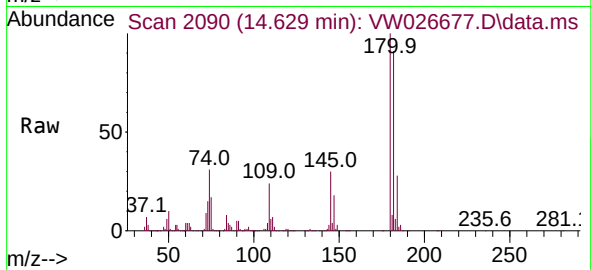
Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

184 29.2 23.8 35.8

145 31.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 22.821 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

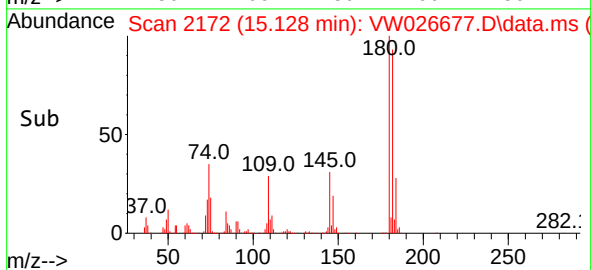
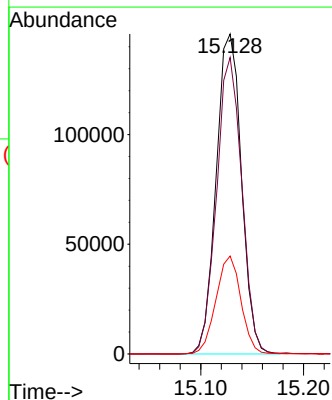
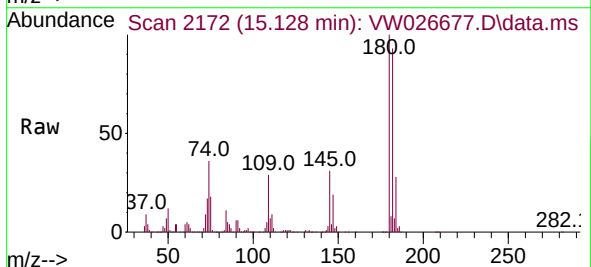
Tgt Ion:180 Resp: 249202

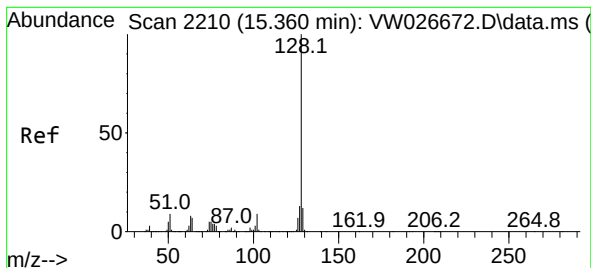
Ion Ratio Lower Upper

180 100

182 92.6 72.5 108.7

145 30.3 24.7 37.1





#71

Naphthalene

Concen: 24.205 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

VICV427

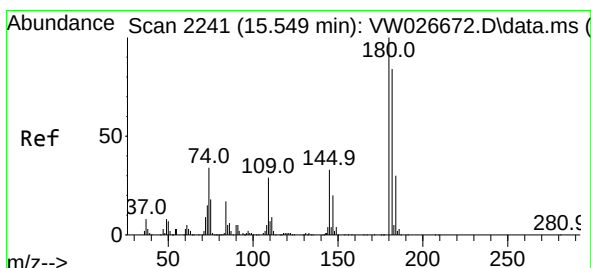
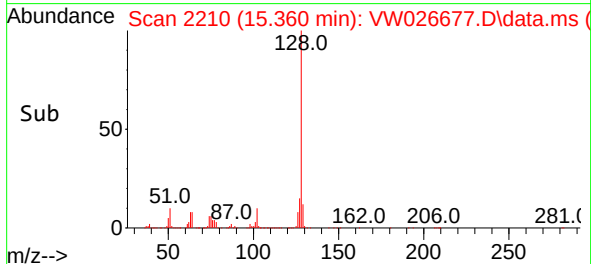
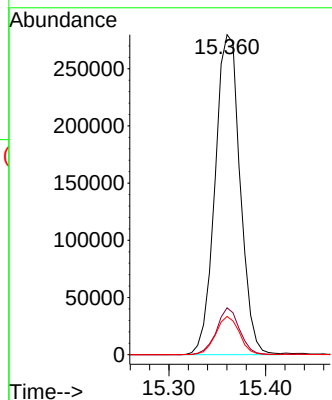
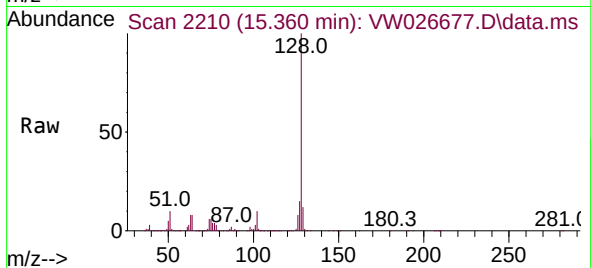
Tgt Ion:128 Resp: 504196

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.3 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.093 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026677.D

Acq: 10 Aug 2023 14:45

Tgt Ion:180 Resp: 227454

Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

145 33.3 27.0 40.6

