

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026518.D
 Acq On : 03 Jul 2023 20:45
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 04 02:49:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 02:43:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	487637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	472036	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	252752	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	238318	32.501	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	130.000%	
7) Chloroethane-d5	2.893	69	187140	30.849	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	123.400%	
11) 1,1-Dichloroethene-d2	4.027	65	104947	30.686	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	122.760%#	
21) 2-Butanone-d5	7.075	46	138354	49.323	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	98.640%	
24) Chloroform-d	7.648	84	376890	26.234	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	104.920%	
26) 1,2-Dichloroethane-d4	8.307	65	219461	26.264	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	105.040%	
32) Benzene-d6	8.276	84	724351	24.068	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	96.280%	
36) 1,2-Dichloropropane-d6	9.276	67	226501	23.605	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	94.400%	
41) Toluene-d8	10.325	98	785299	29.065	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	116.240%	
43) trans-1,3-Dichloroprop...	10.581	79	104721	26.909	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	107.640%	
47) 2-Hexanone-d5	10.922	63	76763	40.180	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	80.360%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217873	25.949	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	13.849	152	231682	23.080	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	92.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	138685	24.953	ug/L #	89
3) Chloromethane	2.229	50	268866	29.915	ug/L	99
5) Vinyl chloride	2.381	62	262796	29.689	ug/L	96
6) Bromomethane	2.783	94	149608	28.949	ug/L	91
8) Chloroethane	2.930	64	160731	30.144	ug/L	100
9) Trichlorofluoromethane	3.265	101	163058	28.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	202214	30.395	ug/L	95
12) 1,1-Dichloroethene	4.051	96	189215	30.750	ug/L	90
13) Acetone	4.125	43	92357	53.087	ug/L	98
14) Carbon disulfide	4.393	76	587743	30.087	ug/L	100
15) Methyl Acetate	4.667	43	128978	29.796	ug/L	100
16) Methylene chloride	4.923	84	226584	26.074	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	205741	29.711	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	372067	30.732	ug/L	99
19) 1,1-Dichloroethane	6.216	63	427103	28.641	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	209817	26.410	ug/L	97
22) 2-Butanone	7.167	43	156524	48.340	ug/L	99
23) Bromochloromethane	7.508	128	81507	24.772	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026518.D
 Acq On : 03 Jul 2023 20:45
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

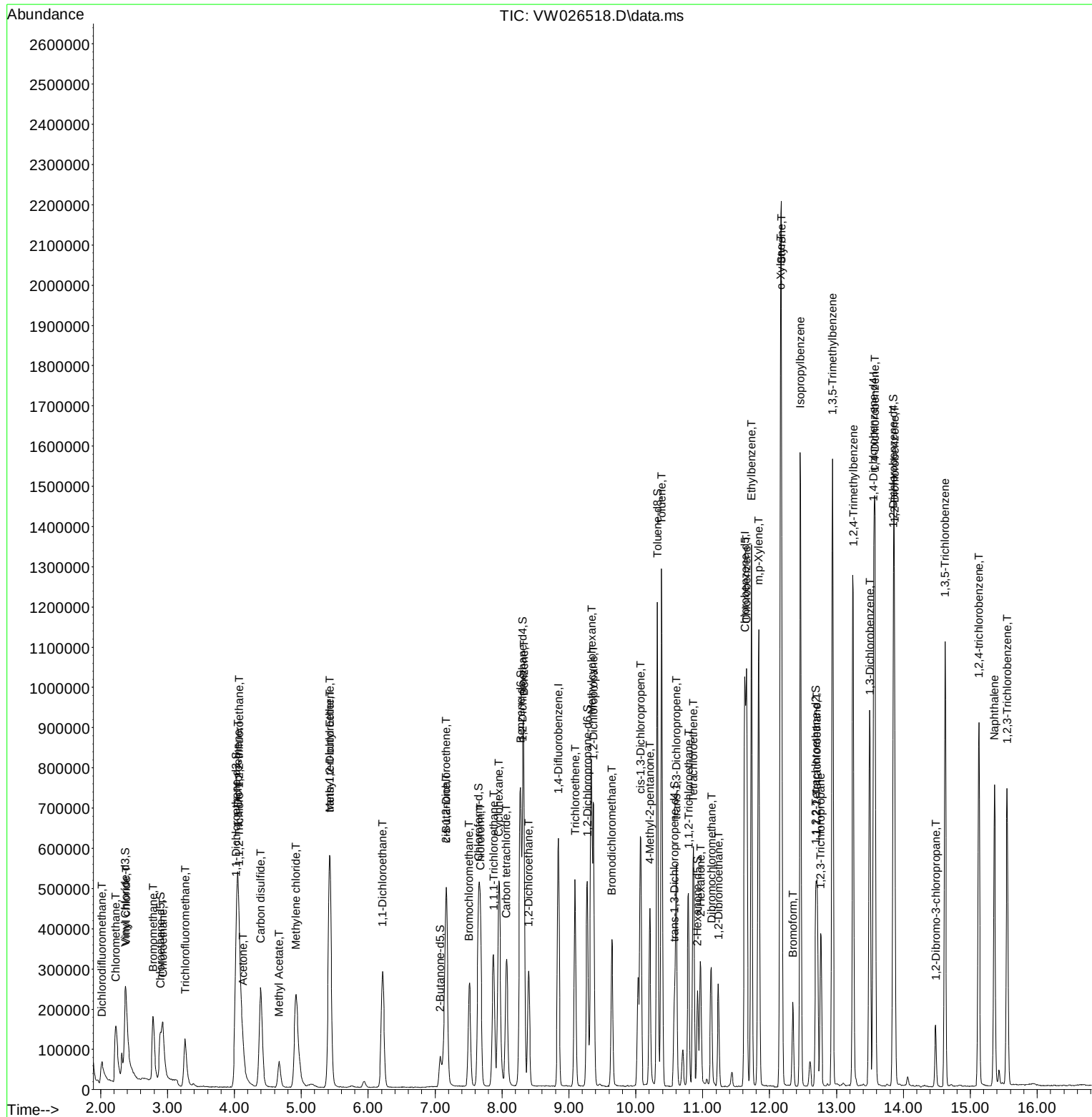
Quant Time: Jul 04 02:49:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 02:43:34 2023
 Response via : Initial Calibration

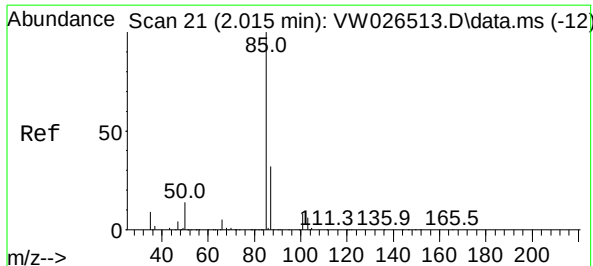
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.679	83	350379	26.218	ug/L	98
27) 1,2-Dichloroethane	8.398	62	260792	26.484	ug/L	98
29) Cyclohexane	7.953	56	311087	23.656	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	264565	24.911	ug/L	98
31) Carbon tetrachloride	8.063	117	239980	25.063	ug/L	99
33) Benzene	8.325	78	723469	23.666	ug/L	100
34) Trichloroethene	9.093	95	181896	23.329	ug/L	97
35) Methylcyclohexane	9.337	83	306304	22.999	ug/L	99
37) 1,2-Dichloropropane	9.368	63	228138	27.241	ug/L	100
38) Bromodichloromethane	9.642	83	239722	24.258	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	352477	28.543	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	304862	47.043	ug/L	98
42) Toluene	10.386	91	890516	28.620	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	284167	27.458	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	140023	22.744	ug/L	98
46) Tetrachloroethene	10.861	164	123556	22.583	ug/L	88
48) 2-Hexanone	10.965	43	203399	45.010	ug/L	99
49) Dibromochloromethane	11.129	129	147820	23.965	ug/L	86
50) 1,2-Dibromoethane	11.233	107	164193	29.082	ug/L	99
51) Chlorobenzene	11.654	112	458883	22.563	ug/L	96
52) Ethylbenzene	11.727	91	900269	24.501	ug/L	99
53) m,p-Xylene	11.837	106	343129	25.540	ug/L	98
54) o-Xylene	12.166	106	367268	28.214	ug/L	93
55) Styrene	12.178	104	649529	29.178	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	208204	25.833	ug/L	99
59) Bromoform	12.349	173	90285	22.771	ug/L	98
60) Isopropylbenzene	12.459	105	981085	25.308	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	157377	23.899	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	780598	24.422	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	656092	21.338	ug/L	99
64) 1,3-Dichlorobenzene	13.501	146	347010	21.040	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	435092	26.457	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	367735	23.668	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	40884	24.620	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	305136	27.814	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	264171	29.518	ug/L	98
71) Naphthalene	15.360	128	595080	29.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230895	28.876	ug/L	97

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

Instrument :
MSVOA_W
ClientSampleId :

Instrument :
MSVOA_W
ClientSampleId :

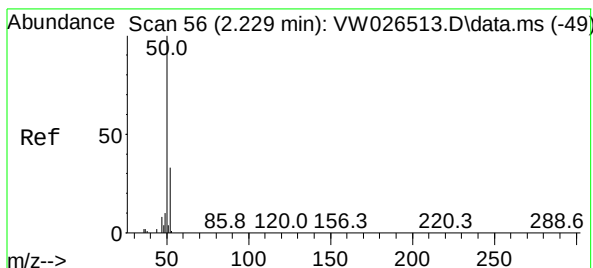
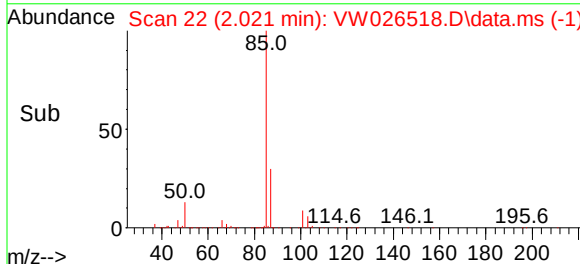
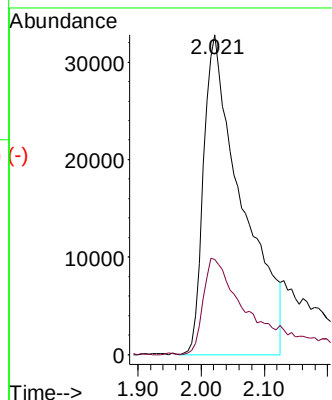
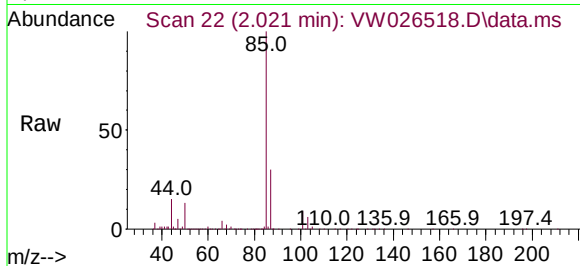




Dichlorodifluoromethane
 Concen: 24.953 ug/L
 RT: 2.021 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

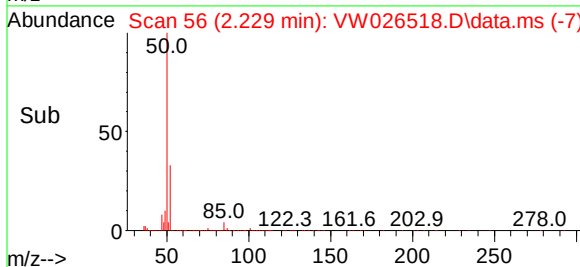
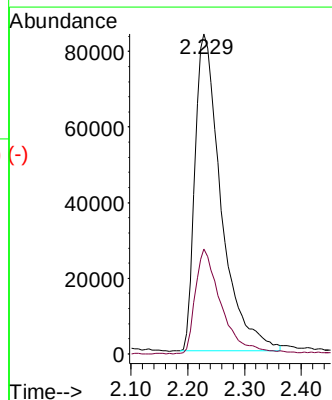
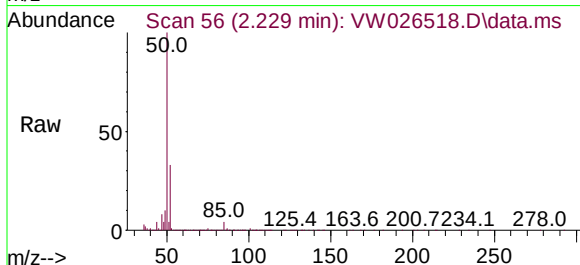
Instrument :
 MSVOA_W
 ClientSampleId :

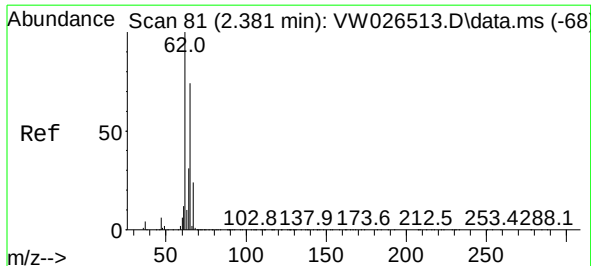
Tgt Ion: 85 Resp: 138685
 Ion Ratio Lower Upper
 85 100
 87 23.8 23.8 35.8#



Chloromethane
 Concen: 29.915 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion: 50 Resp: 268866
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1





Vinyl chloride

Concen: 29.689 ug/L

RT: 2.381 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

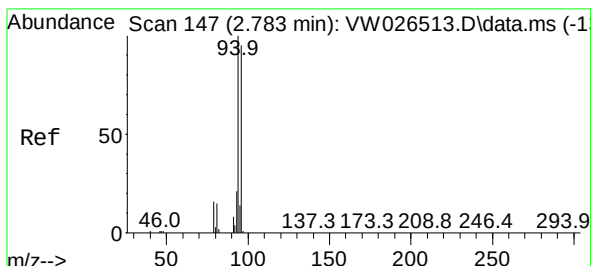
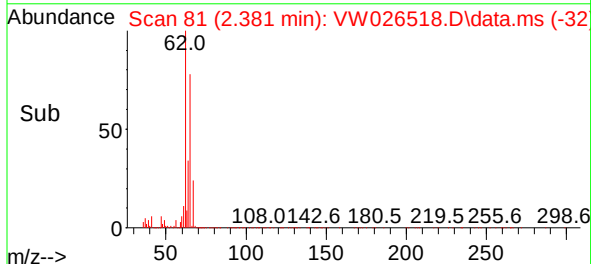
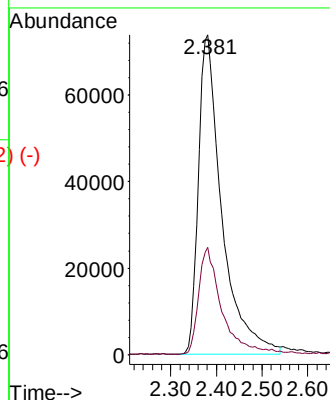
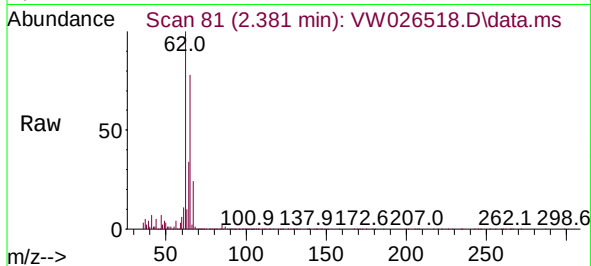
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 62 Resp: 262796

Ion	Ratio	Lower	Upper
62	100		
64	33.6	22.1	41.1



Bromomethane

Concen: 28.949 ug/L

RT: 2.783 min Scan# 147

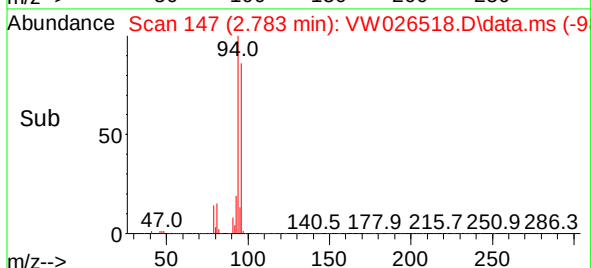
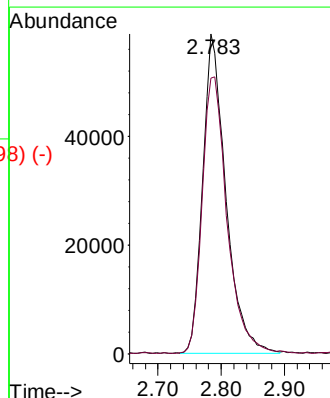
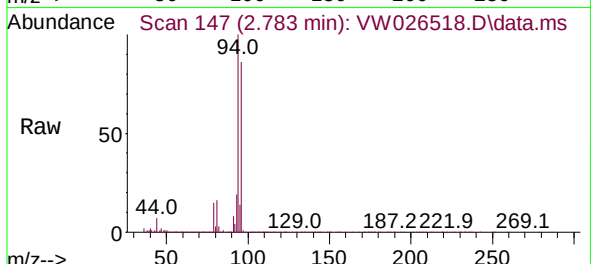
Delta R.T. -0.000 min

Lab File: VW026518.D

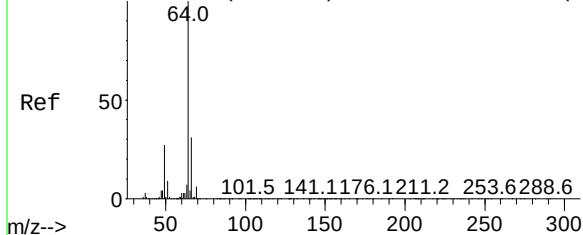
Acq: 03 Jul 2023 20:45

Tgt Ion: 94 Resp: 149608

Ion	Ratio	Lower	Upper
94	100		
96	86.2	66.3	123.1



Abundance Scan 171 (2.930 min): VW026513.D\data.ms (-16149-)



Chloroethane

Concen: 30.144 ug/L

RT: 2.930 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

ClientSampleId :

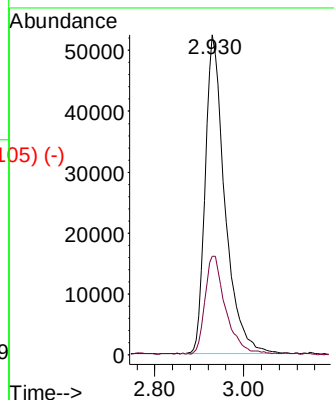
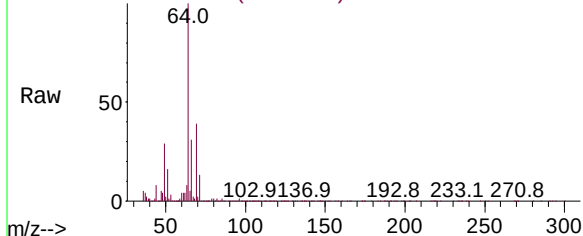
Tgt Ion: 64 Resp: 160731

Ion Ratio Lower Upper

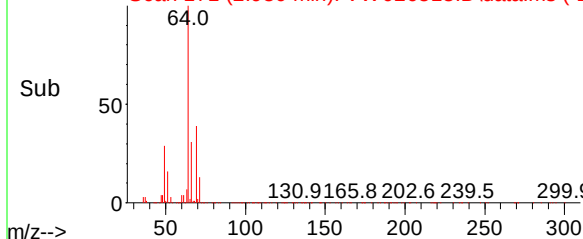
64 100

66 30.7 21.6 40.2

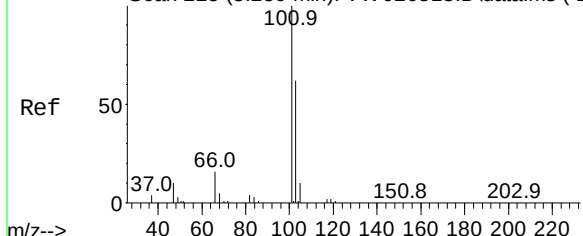
Abundance Scan 171 (2.930 min): VW026518.D\data.ms



Abundance Scan 171 (2.930 min): VW026518.D\data.ms (-105) (-)



Abundance Scan 225 (3.259 min): VW026513.D\data.ms (-2149-)



Trichlorofluoromethane

Concen: 28.657 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.006 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

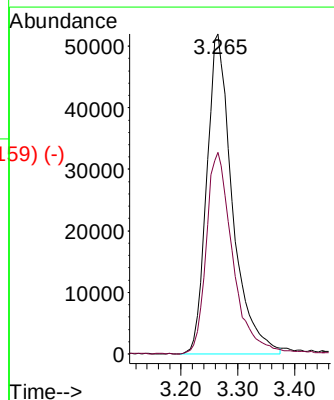
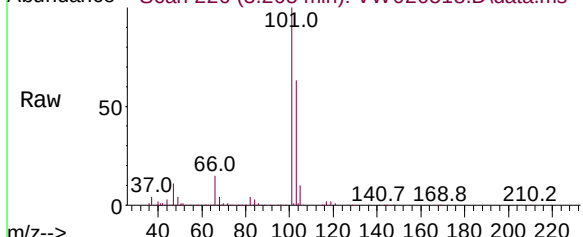
Tgt Ion:101 Resp: 163058

Ion Ratio Lower Upper

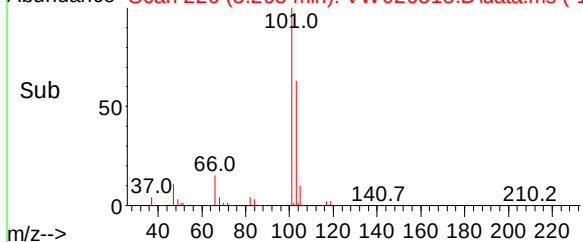
101 100

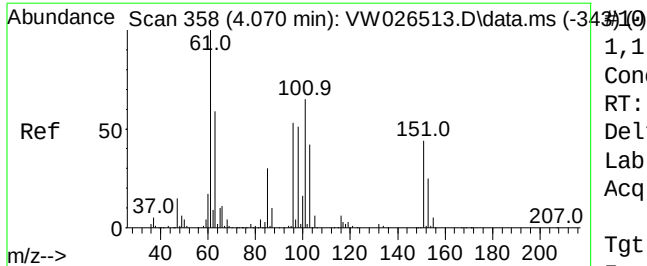
103 64.8 51.8 77.8

Abundance Scan 226 (3.265 min): VW026518.D\data.ms



Abundance Scan 226 (3.265 min): VW026518.D\data.ms (-159) (-)

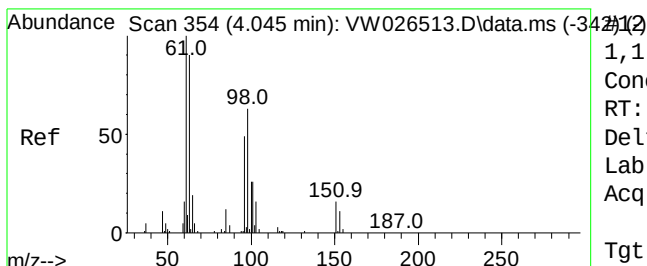
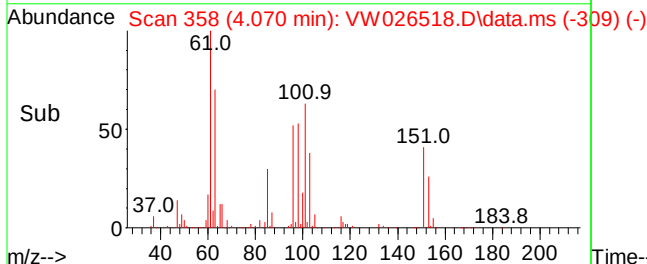
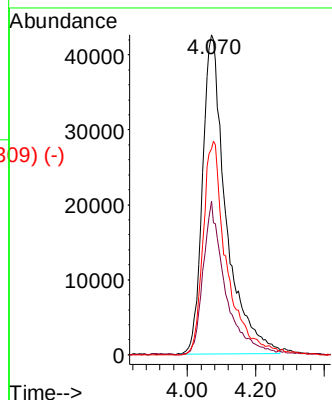
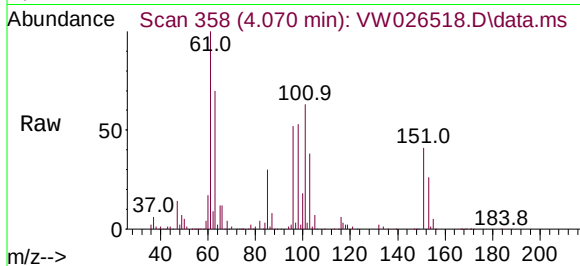




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.395 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

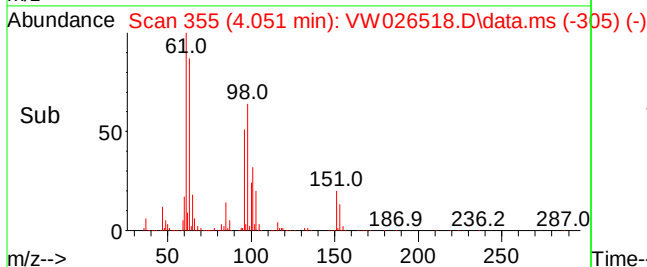
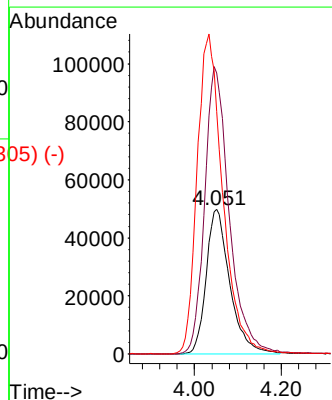
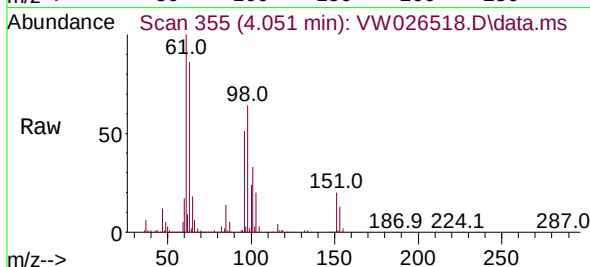
Instrument :
 MSVOA_W
 ClientSampleId :

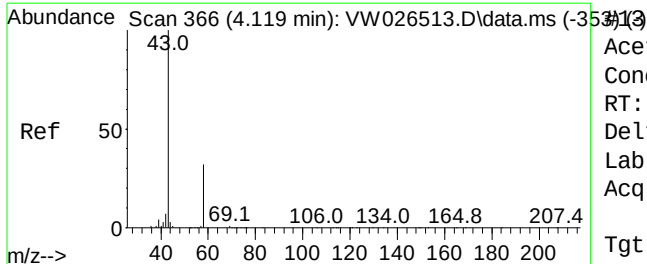
Tgt Ion:101 Resp: 202214
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.4 53.0
 151 63.7 55.2 82.8



1,1-Dichloroethene
 Concen: 30.750 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion: 96 Resp: 189215
 Ion Ratio Lower Upper
 96 100
 61 194.5 142.9 265.5
 63 168.2 132.7 246.5





Acetone

Concen: 53.087 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

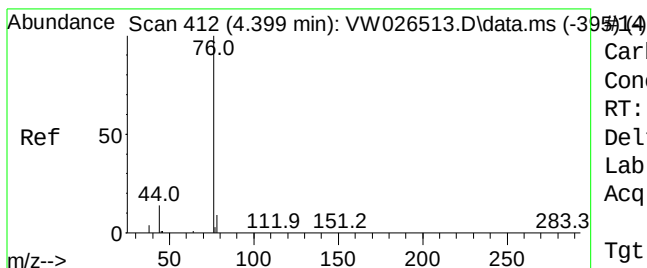
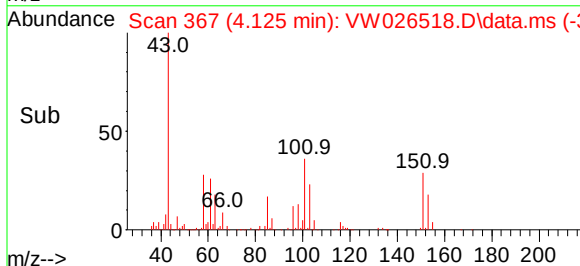
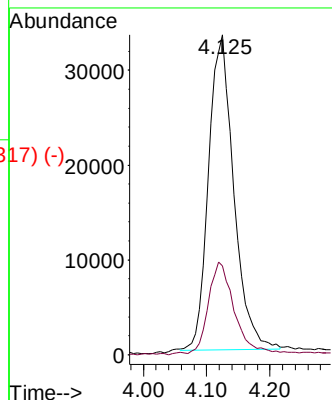
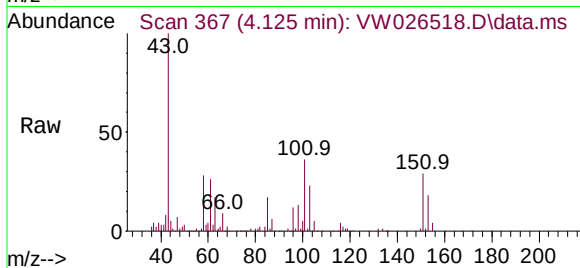
ClientSampleId :

Tgt Ion: 43 Resp: 92357

Ion Ratio Lower Upper

43 100

58 28.9 0.0 59.6



Carbon disulfide

Concen: 30.087 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.006 min

Lab File: VW026518.D

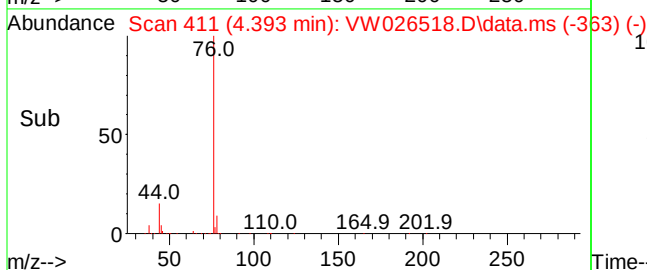
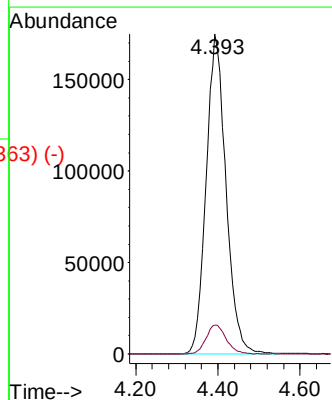
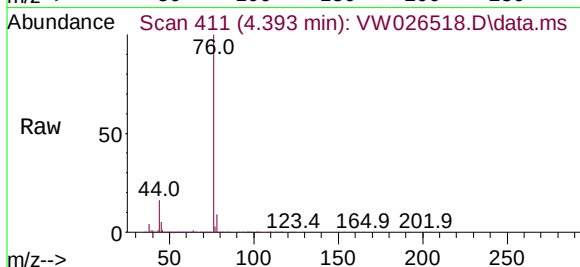
Acq: 03 Jul 2023 20:45

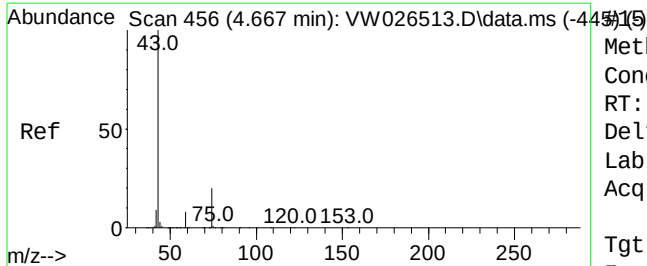
Tgt Ion: 76 Resp: 587743

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





Methyl Acetate

Concen: 29.796 ug/L

RT: 4.667 min Scan# 456

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

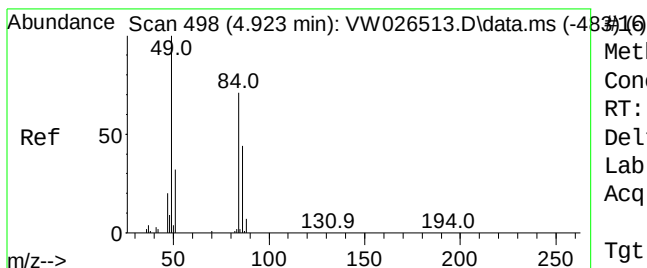
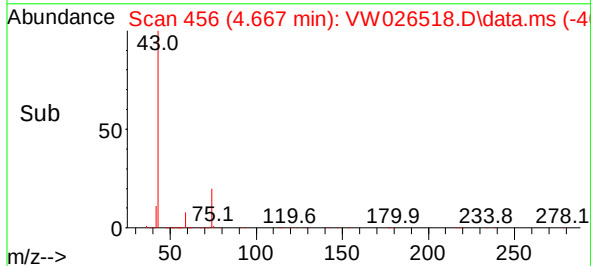
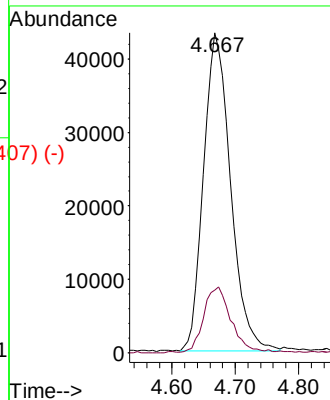
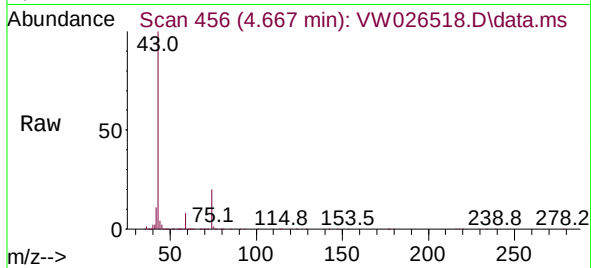
ClientSampleId :

Tgt Ion: 43 Resp: 128978

Ion Ratio Lower Upper

43 100

74 20.7 16.6 24.8



Methylene chloride

Concen: 26.074 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

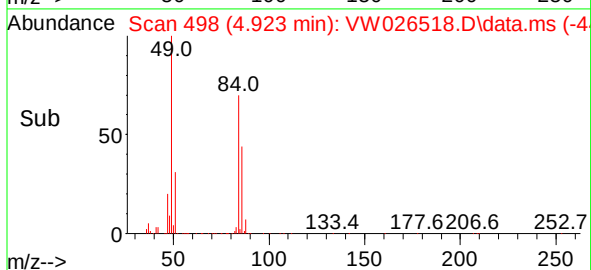
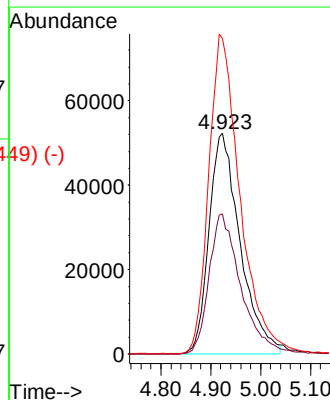
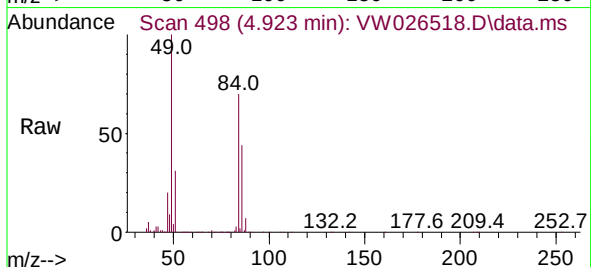
Tgt Ion: 84 Resp: 226584

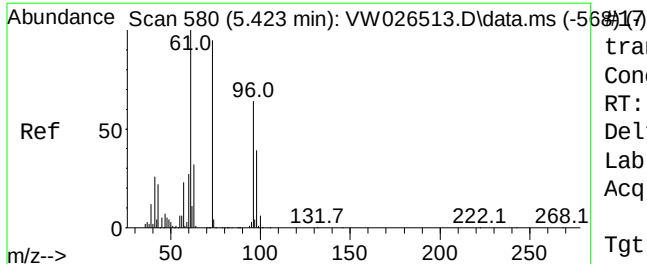
Ion Ratio Lower Upper

84 100

86 63.3 43.3 80.5

49 142.9 99.3 184.3

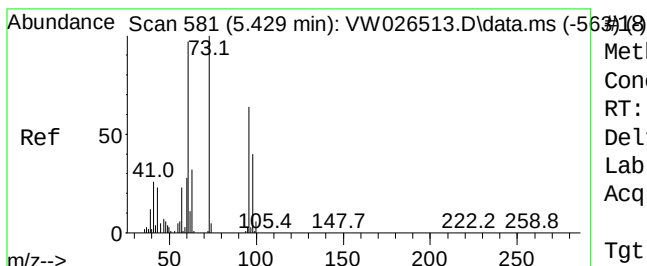
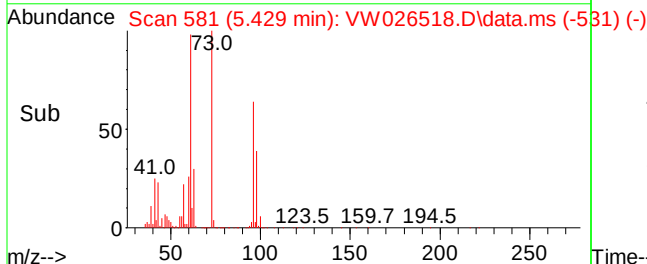
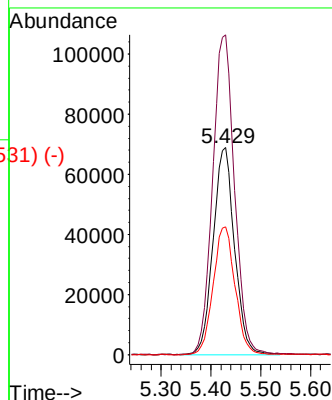
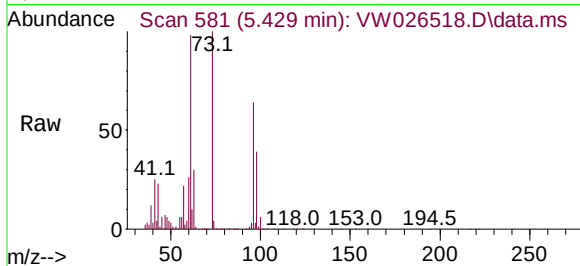




trans-1,2-Dichloroethene
 Concen: 29.711 ug/L
 RT: 5.429 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

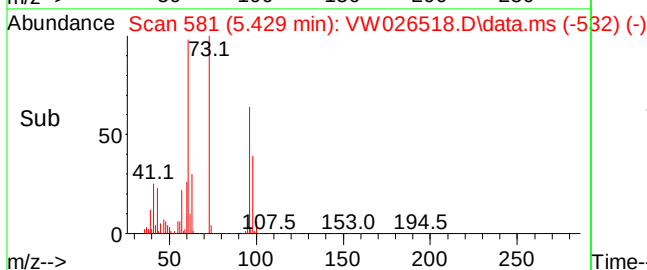
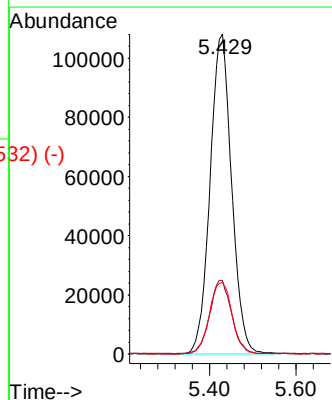
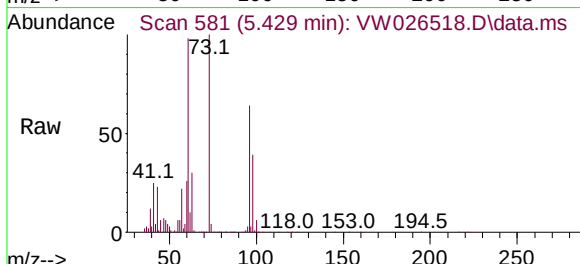
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 205741
 Ion Ratio Lower Upper
 96 100
 61 154.6 109.7 203.7
 98 61.7 42.5 78.9

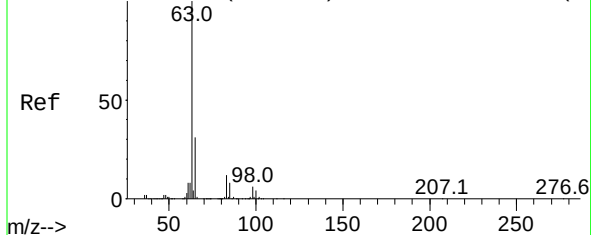


Methyl tert-butyl Ether
 Concen: 30.732 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion: 73 Resp: 372067
 Ion Ratio Lower Upper
 73 100
 43 23.1 17.8 26.8
 57 23.2 18.8 28.2



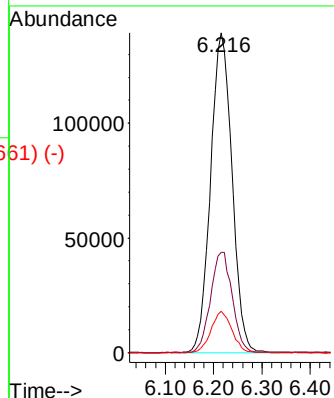
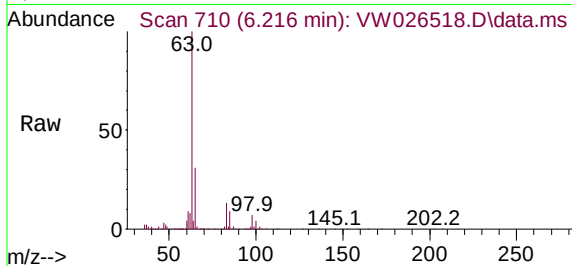
Abundance Scan 710 (6.216 min): VW026513.D\data.ms (-69619)



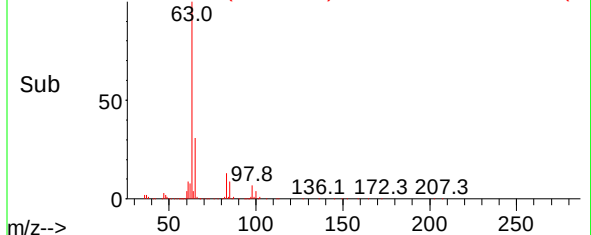
1,1-Dichloroethane
Concen: 28.641 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Instrument :
MSVOA_W
ClientSampleId :

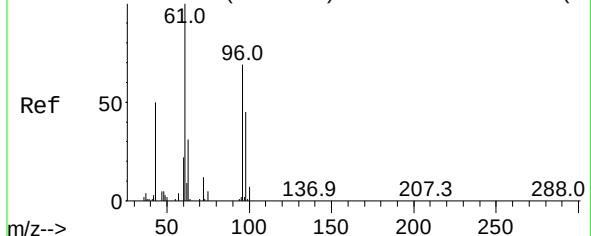
Tgt Ion: 63 Resp: 427103
Ion Ratio Lower Upper
63 100
65 31.4 21.8 40.4
83 12.9 8.6 16.0



Abundance Scan 710 (6.216 min): VW026518.D\data.ms (-661) (-)

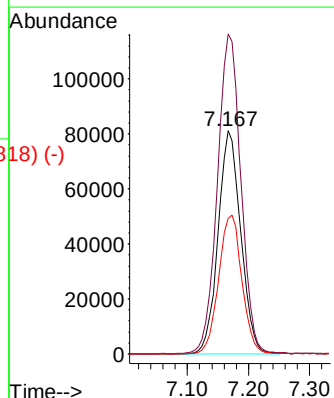
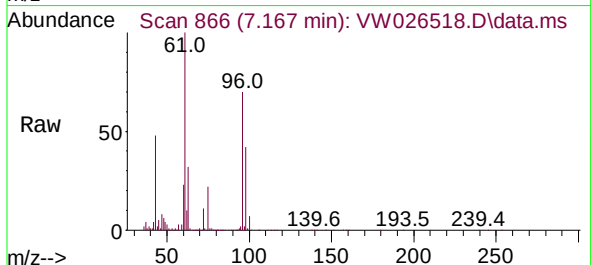


Abundance Scan 867 (7.173 min): VW026513.D\data.ms (-85429)

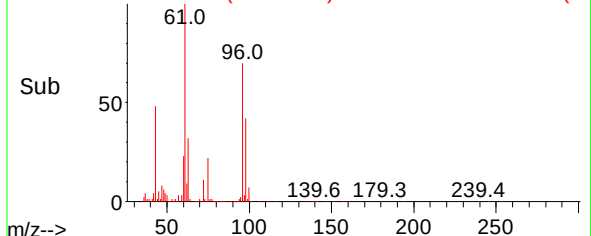


cis-1,2-Dichloroethene
Concen: 26.410 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

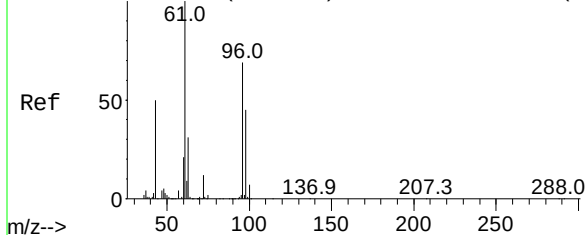
Tgt Ion: 96 Resp: 209817
Ion Ratio Lower Upper
96 100
61 143.1 101.9 189.3
98 60.6 45.9 85.3



Abundance Scan 866 (7.167 min): VW026518.D\data.ms (-818) (-)



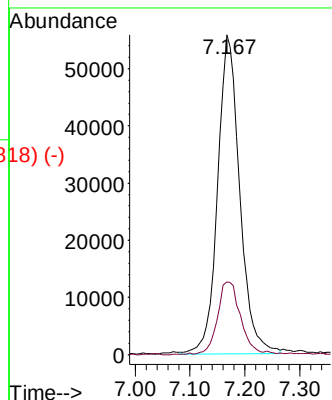
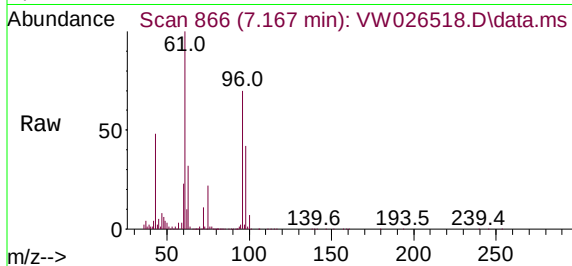
Abundance Scan 867 (7.173 min): VW026513.D\data.ms (-856) (-)



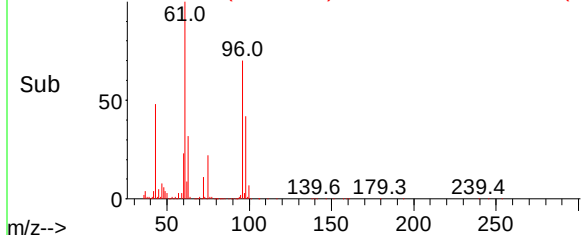
2-Butanone
Concen: 48.340 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Instrument :
MSVOA_W
ClientSampleId :

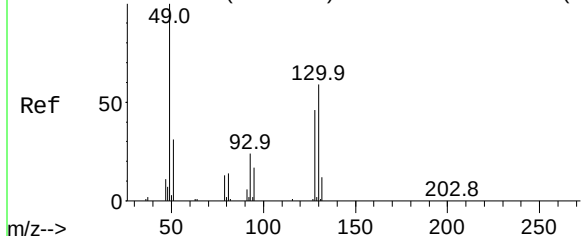
Tgt Ion: 43 Resp: 156524
Ion Ratio Lower Upper
43 100
72 23.4 12.0 36.1



Abundance Scan 866 (7.167 min): VW026518.D\data.ms (-818) (-)

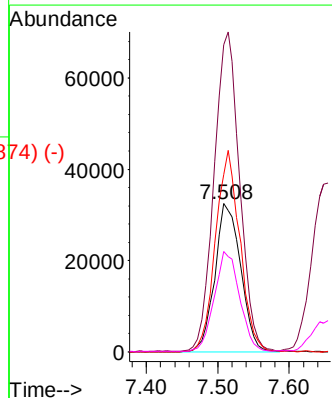
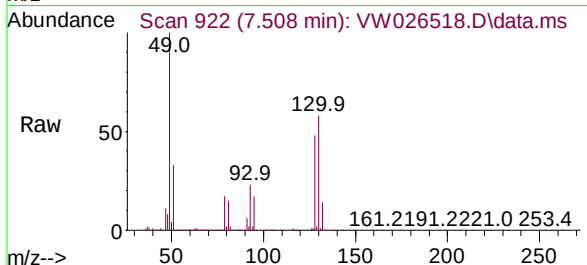


Abundance Scan 923 (7.514 min): VW026513.D\data.ms (-912) (-)

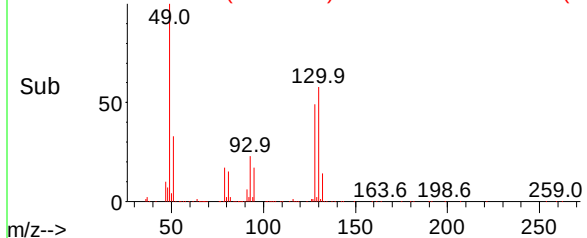


Bromochloromethane
Concen: 24.772 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

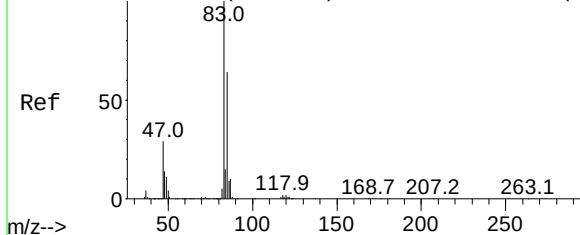
Tgt Ion: 128 Resp: 81507
Ion Ratio Lower Upper
128 100
49 206.9 152.2 282.7
130 119.3 89.2 165.8
51 67.5 54.5 81.7



Abundance Scan 922 (7.508 min): VW026518.D\data.ms (-874) (-)



Abundance Scan 950 (7.679 min): VW026513.D\data.ms (-939) (-)



Chloroform

Concen: 26.218 ug/L

RT: 7.679 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

ClientSampleId :

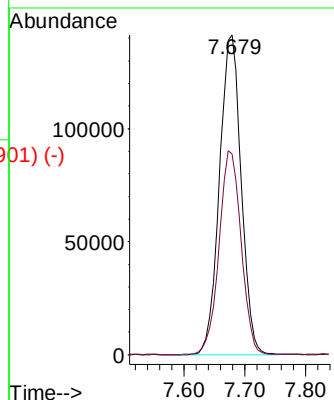
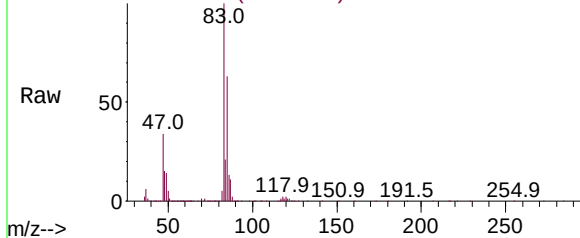
Tgt Ion: 83 Resp: 350379

Ion Ratio Lower Upper

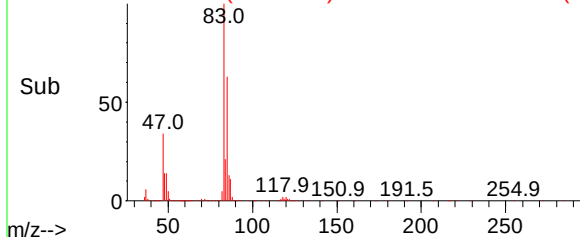
83 100

85 62.7 44.8 83.2

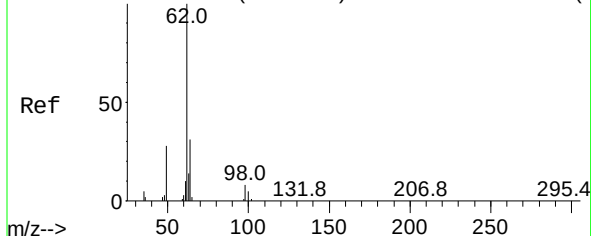
Abundance Scan 950 (7.679 min): VW026518.D\data.ms



Abundance Scan 950 (7.679 min): VW026518.D\data.ms (-901) (-)



Abundance Scan 1068 (8.398 min): VW026513.D\data.ms (-1062) (-)



1,2-Dichloroethane

Concen: 26.484 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

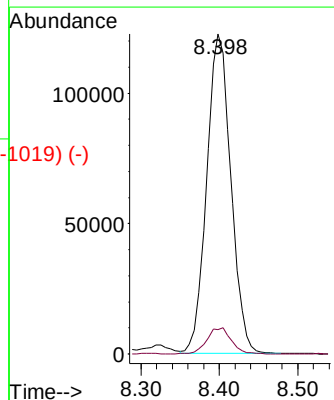
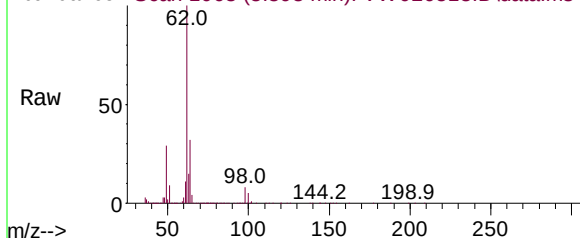
Tgt Ion: 62 Resp: 260792

Ion Ratio Lower Upper

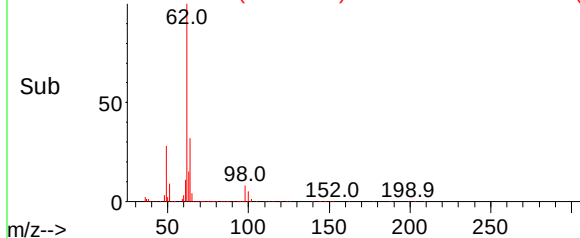
62 100

98 7.6 6.8 10.2

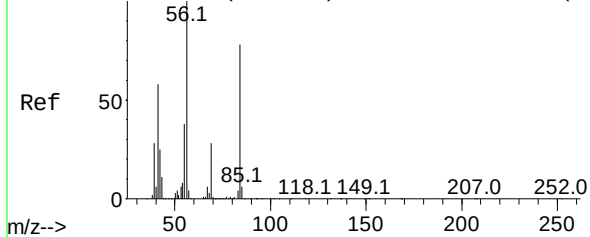
Abundance Scan 1068 (8.398 min): VW026518.D\data.ms



Abundance Scan 1068 (8.398 min): VW026518.D\data.ms (-1019) (-)



Abundance Scan 995 (7.953 min): VW026513.D\data.ms (-983) (-)



Cyclohexane

Concen: 23.656 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 311087

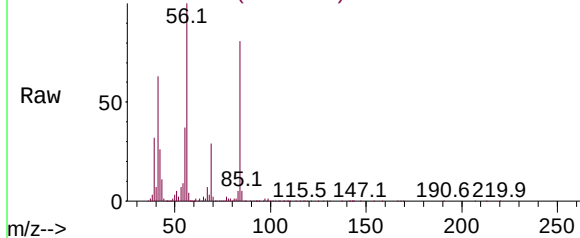
Ion Ratio Lower Upper

56 100

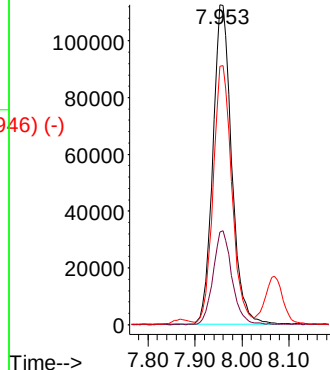
69 29.6 22.9 34.3

84 80.5 62.5 93.7

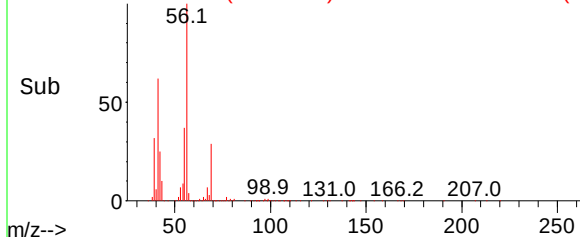
Abundance Scan 995 (7.953 min): VW026518.D\data.ms



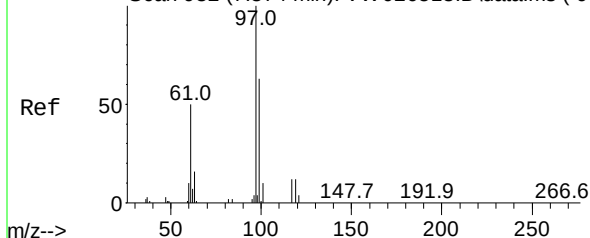
Abundance



Abundance Scan 995 (7.953 min): VW026518.D\data.ms (-946) (-)



Abundance Scan 982 (7.874 min): VW026513.D\data.ms (-969) (-)



1,1,1-Trichloroethane

Concen: 24.911 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Tgt Ion: 97 Resp: 264565

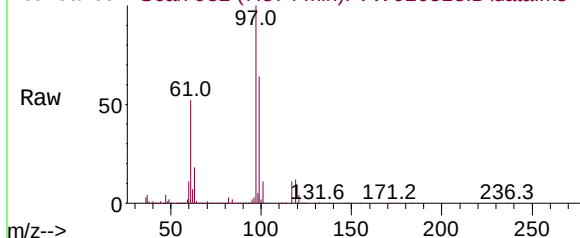
Ion Ratio Lower Upper

97 100

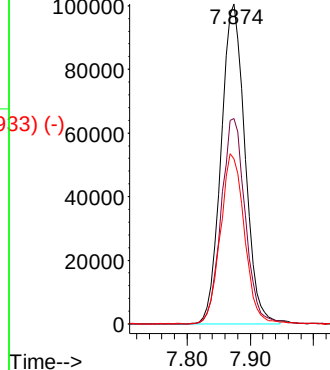
99 64.8 52.2 78.2

61 53.5 40.2 60.2

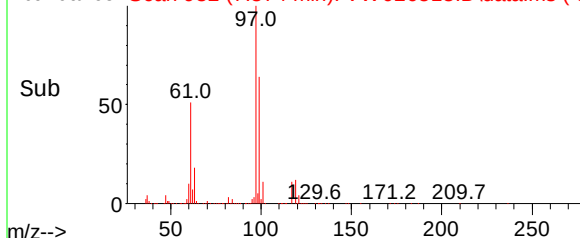
Abundance Scan 982 (7.874 min): VW026518.D\data.ms



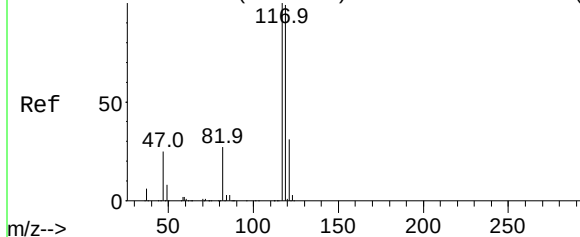
Abundance



Abundance Scan 982 (7.874 min): VW026518.D\data.ms (-933) (-)



Abundance Scan 1014 (8.069 min): VW026513.D\data.ms (-1002) (-)

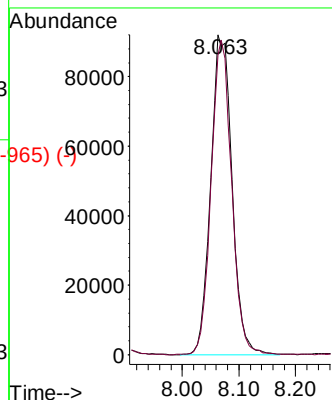
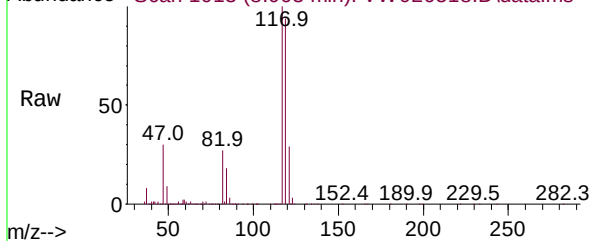


Carbon tetrachloride
Concen: 25.063 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

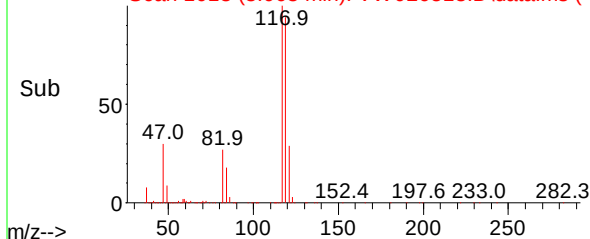
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 239980
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5

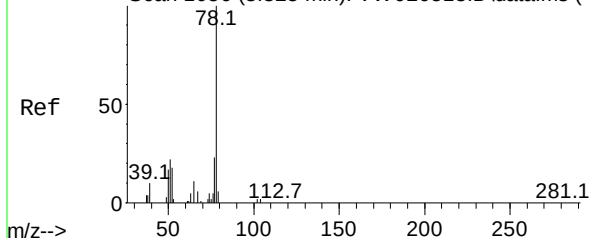
Abundance Scan 1013 (8.063 min): VW026518.D\data.ms



Abundance Scan 1013 (8.063 min): VW026518.D\data.ms (-965) (-)



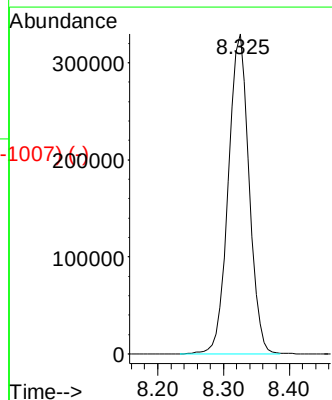
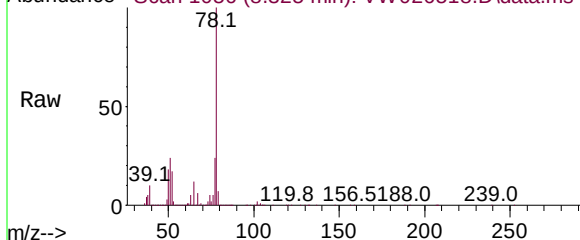
Abundance Scan 1056 (8.325 min): VW026513.D\data.ms (-1003) (-)



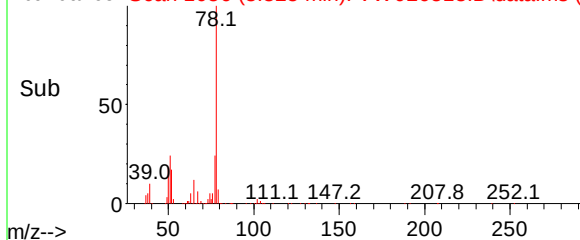
Benzene
Concen: 23.666 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Tgt Ion: 78 Resp: 723469

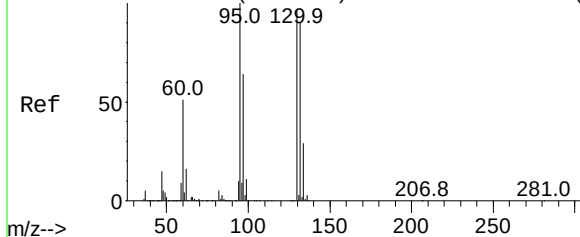
Abundance Scan 1056 (8.325 min): VW026518.D\data.ms



Abundance Scan 1056 (8.325 min): VW026518.D\data.ms (-1007) (-)



Abundance Scan 1182 (9.093 min): VW026513.D\data.ms (-1133) (-)



Trichloroethene

Concen: 23.329 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 181896

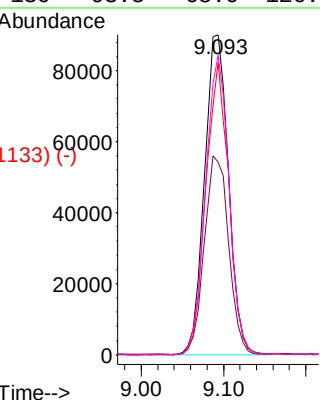
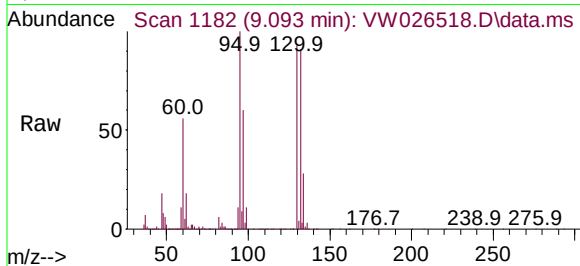
Ion Ratio Lower Upper

95 100

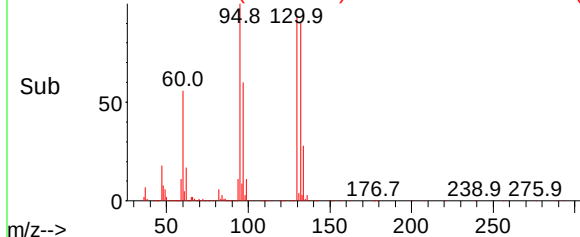
97 60.1 45.1 83.7

132 91.3 63.2 117.4

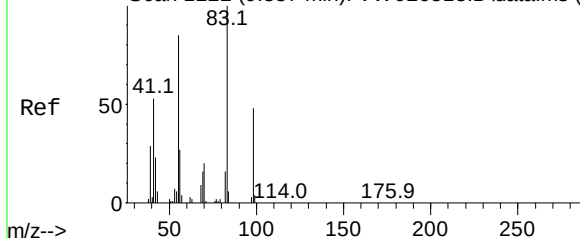
130 93.5 68.0 126.4



Abundance Scan 1182 (9.093 min): VW026518.D\data.ms (-1133) (-)



Abundance Scan 1222 (9.337 min): VW026513.D\data.ms (-1173) (-)



Methylcyclohexane

Concen: 22.999 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

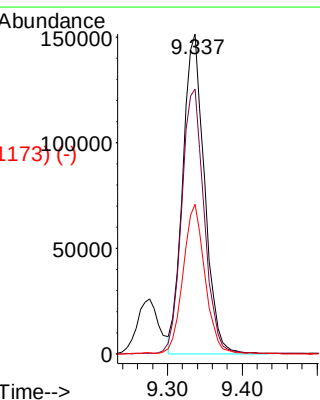
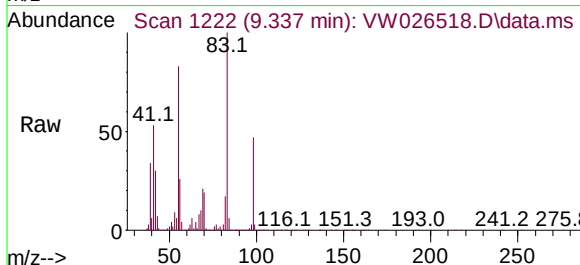
Tgt Ion: 83 Resp: 306304

Ion Ratio Lower Upper

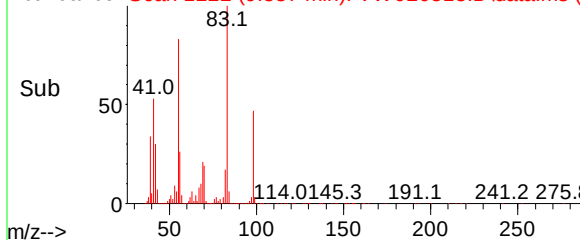
83 100

55 85.8 67.5 101.3

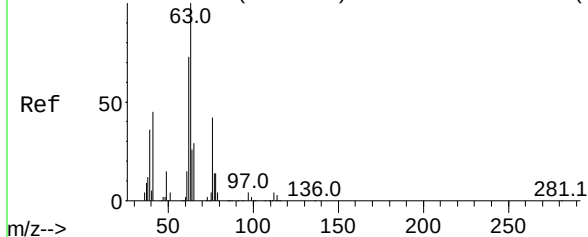
98 46.6 37.3 55.9



Abundance Scan 1222 (9.337 min): VW026518.D\data.ms (-1173) (-)



Abundance Scan 1227 (9.368 min): VW026513.D\data.ms (-1218) (-)

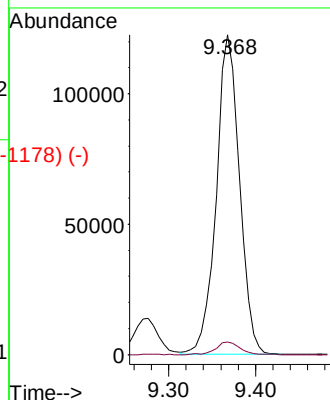
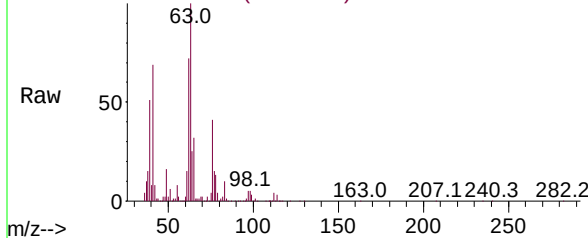


1,2-Dichloropropane
Concen: 27.241 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

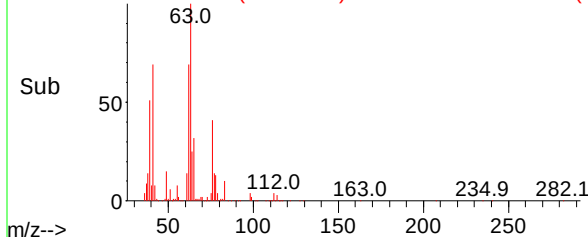
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 228138
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9

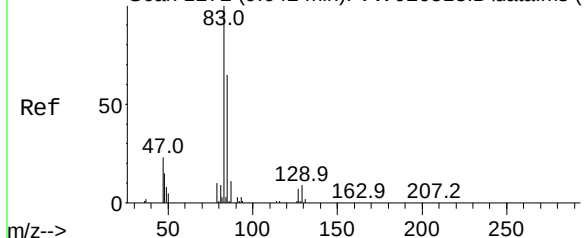
Abundance Scan 1227 (9.368 min): VW026518.D\data.ms



Abundance Scan 1227 (9.368 min): VW026518.D\data.ms (-1178) (-)



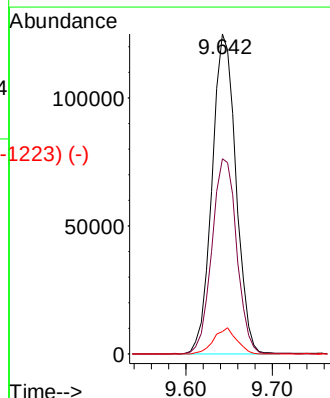
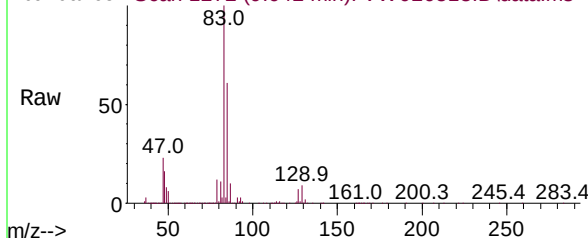
Abundance Scan 1272 (9.642 min): VW026513.D\data.ms (-1258) (-)



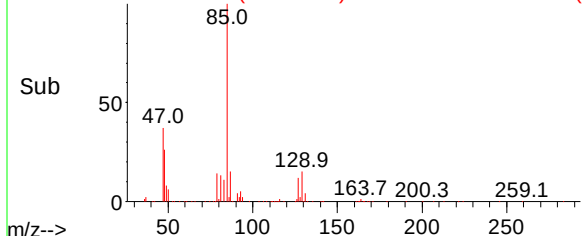
Bromodichloromethane
Concen: 24.258 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

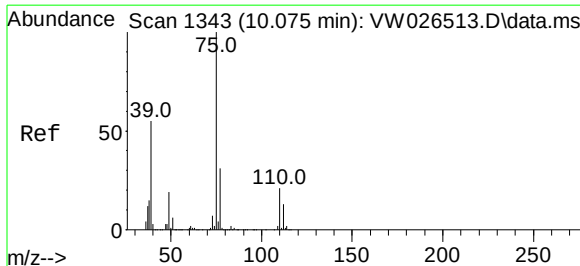
Tgt Ion: 83 Resp: 239722
Ion Ratio Lower Upper
83 100
85 61.1 45.4 84.2
127 7.0 5.2 7.8

Abundance Scan 1272 (9.642 min): VW026518.D\data.ms



Abundance Scan 1272 (9.642 min): VW026518.D\data.ms (-1223) (-)

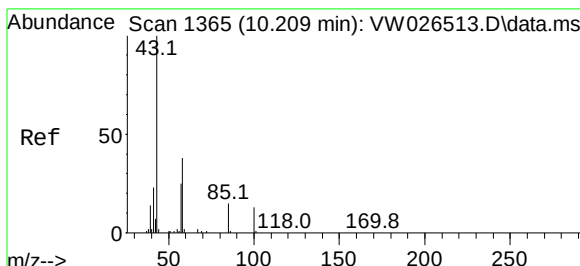
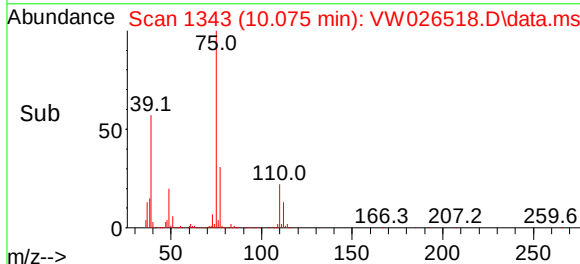
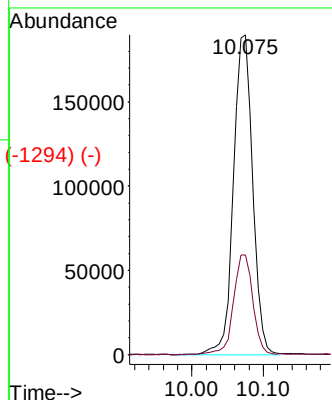
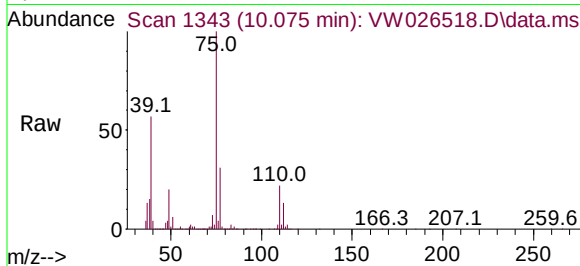




cis-1,3-Dichloropropene
 Concen: 28.543 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

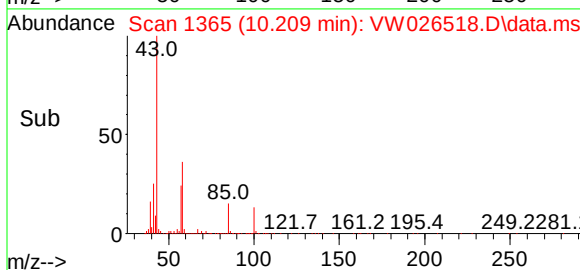
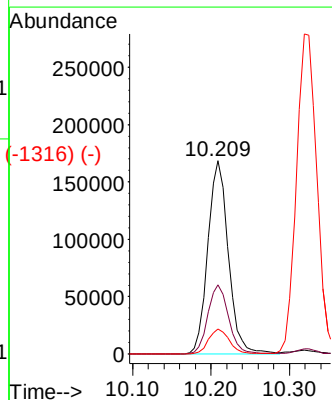
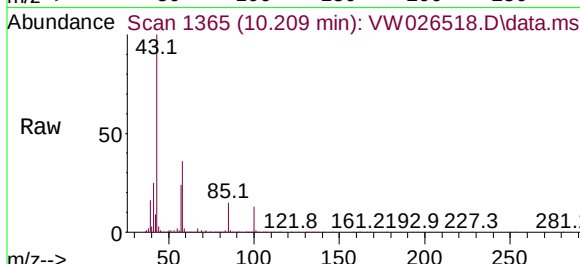
Instrument :
 MSVOA_W
 ClientSampleId :

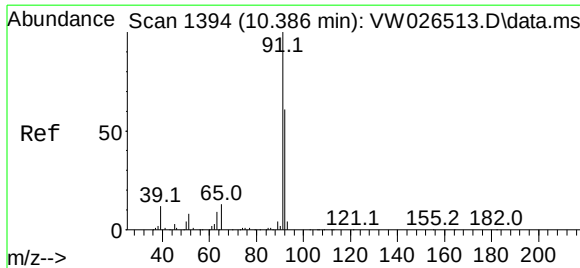
Tgt Ion: 75 Resp: 352477
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.6 40.0



4-Methyl-2-pentanone
 Concen: 47.043 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion: 43 Resp: 304862
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.8 44.8
 100 13.1 10.6 15.8





Toluene

Concen: 28.620 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

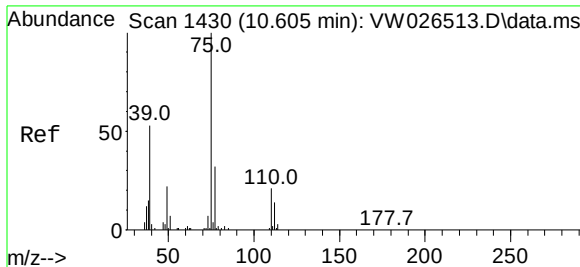
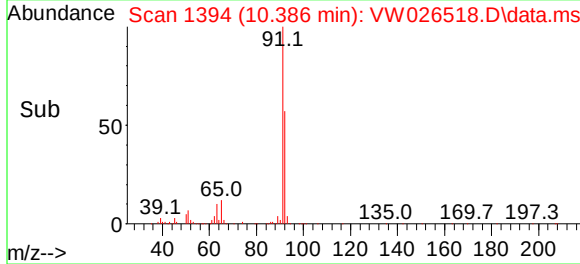
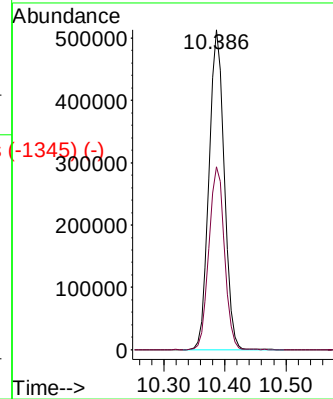
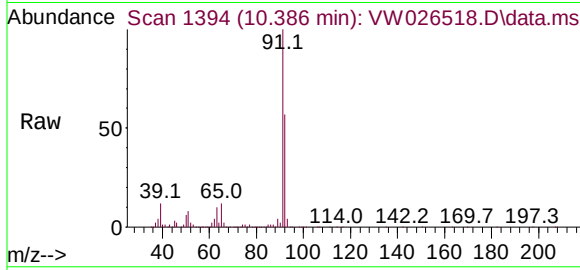
ClientSampleId :

Tgt Ion: 91 Resp: 890516

Ion Ratio Lower Upper

91 100

92 57.1 42.4 78.8



trans-1,3-Dichloropropene

Concen: 27.458 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026518.D

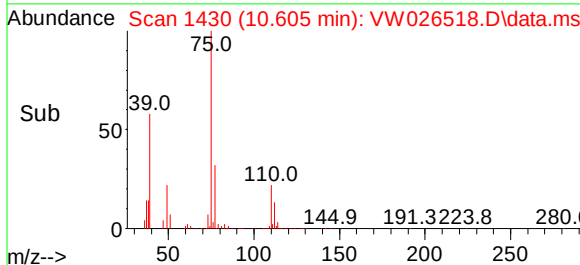
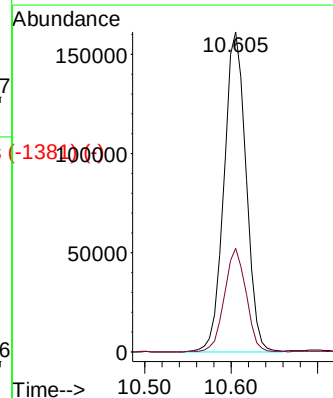
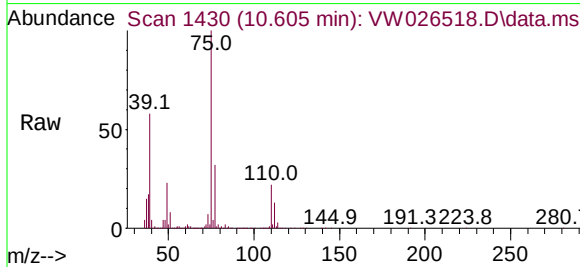
Acq: 03 Jul 2023 20:45

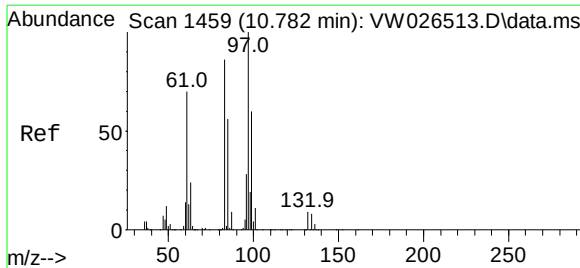
Tgt Ion: 75 Resp: 284167

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



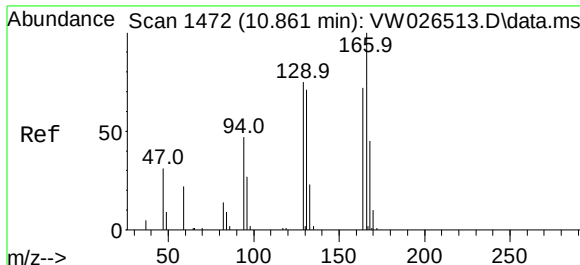
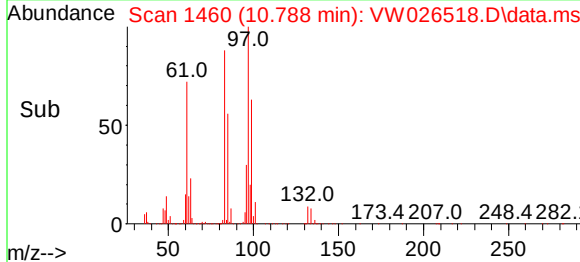
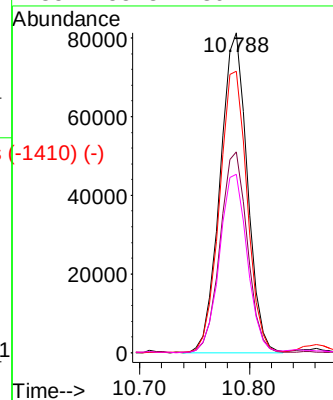
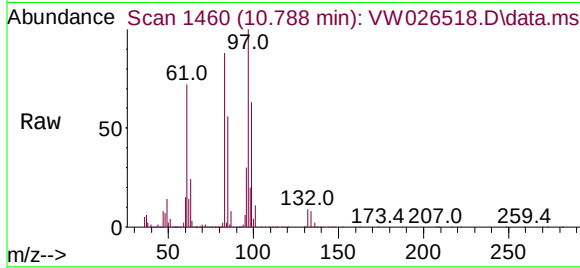


1,1,2-Trichloroethane
Concen: 22.744 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 140023

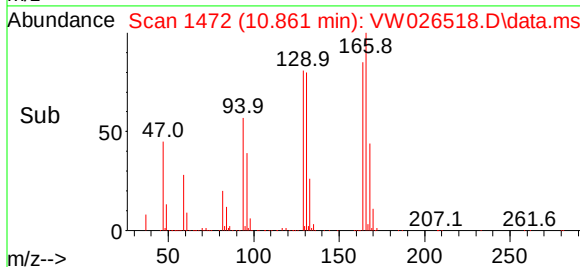
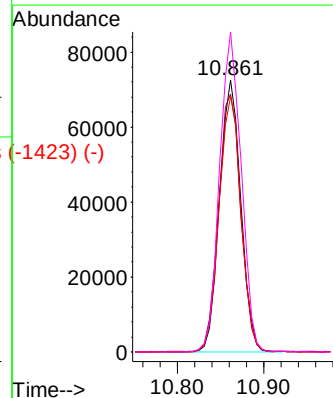
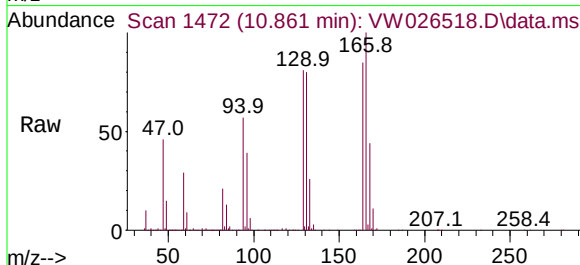
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.1	78.1
83	87.9	59.9	111.3
85	55.8	39.1	72.7

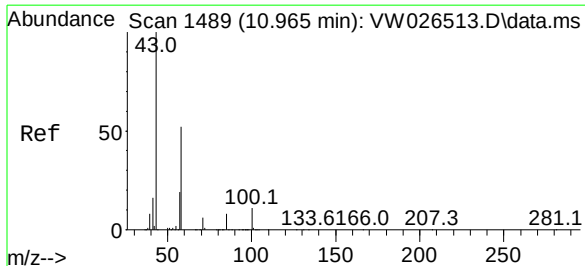


Tetrachloroethene
Concen: 22.583 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Tgt Ion: 164 Resp: 123556

Ion	Ratio	Lower	Upper
164	100		
129	95.0	73.0	135.6
131	93.9	69.2	128.6
166	117.7	97.8	181.6

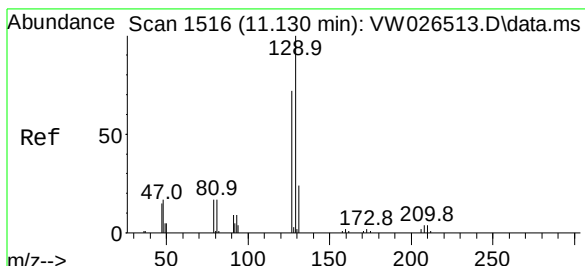
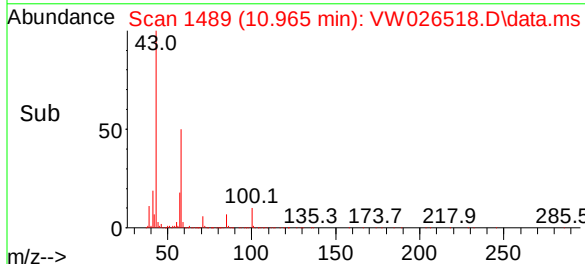
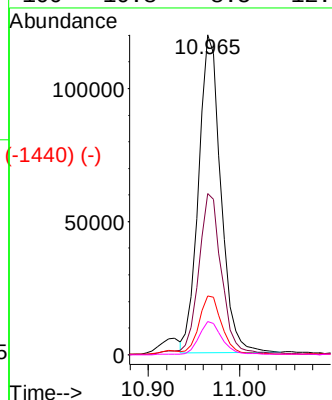
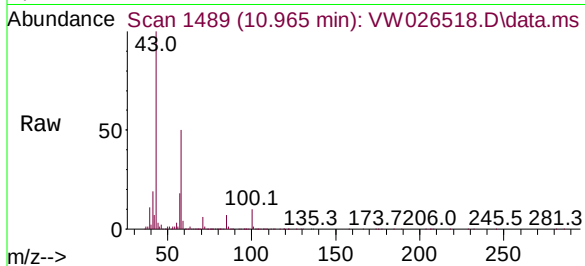




2-Hexanone
 Concen: 45.010 ug/L
 RT: 10.965 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

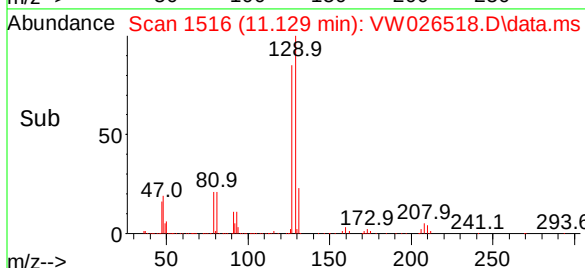
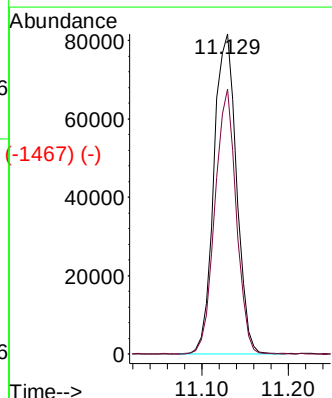
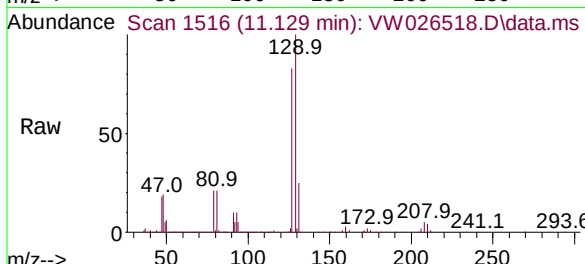
Instrument :
 MSVOA_W
 ClientSampleId :

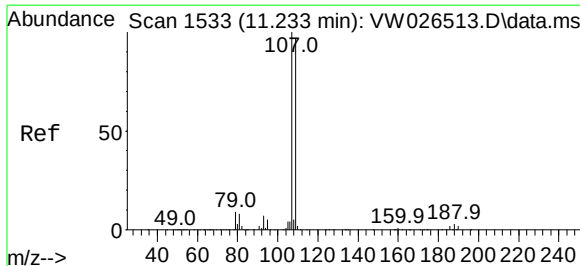
Tgt Ion:	43	Resp:	203399
Ion	Ratio	Lower	Upper
43	100		
58	49.9	39.9	59.9
57	19.0	14.1	21.1
100	10.8	8.5	12.7



Dibromochloromethane
 Concen: 23.965 ug/L
 RT: 11.129 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion:	129	Resp:	147820
Ion	Ratio	Lower	Upper
129	100		
127	82.7	50.0	93.0





1,2-Dibromoethane

Concen: 29.082 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

ClientSampleId :

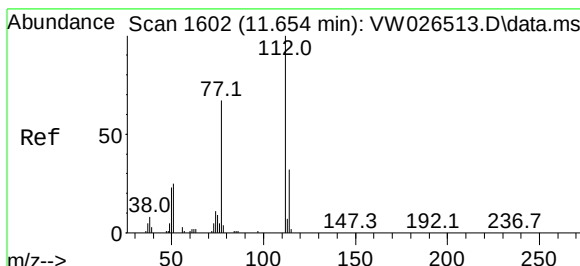
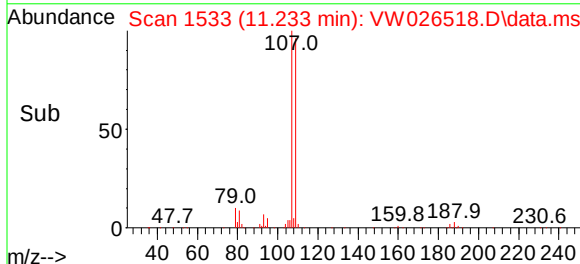
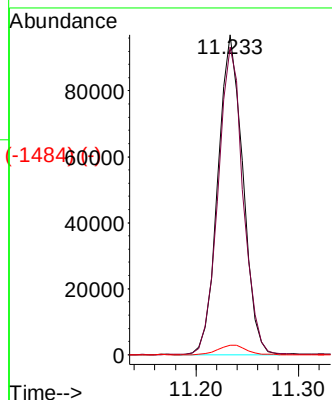
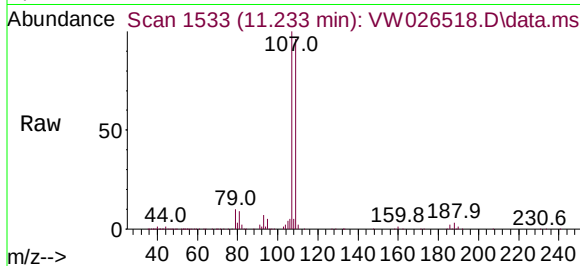
Tgt Ion:107 Resp: 164193

Ion Ratio Lower Upper

107 100

109 96.2 67.7 125.7

188 3.1 2.7 4.1



Chlorobenzene

Concen: 22.563 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

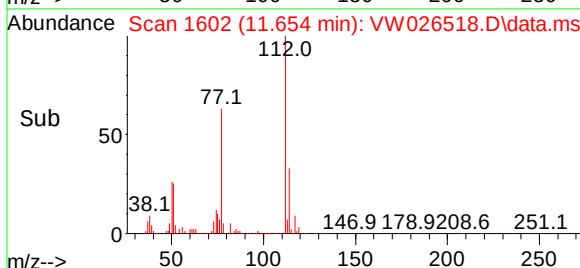
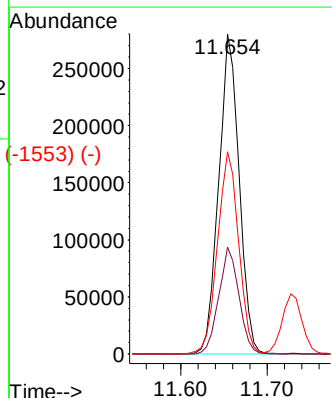
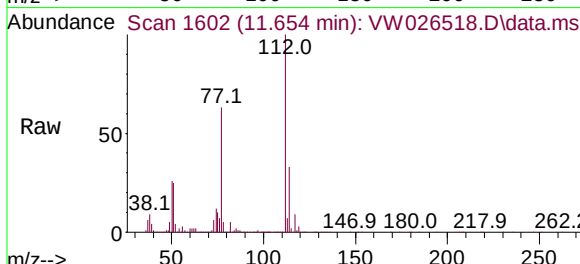
Tgt Ion:112 Resp: 458883

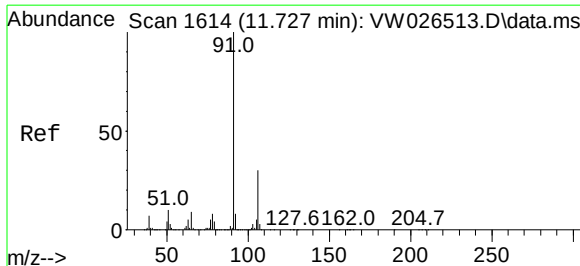
Ion Ratio Lower Upper

112 100

114 33.4 22.2 41.2

77 63.1 53.4 80.2





Ethylbenzene

Concen: 24.501 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

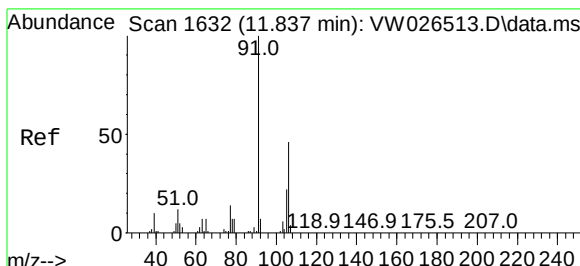
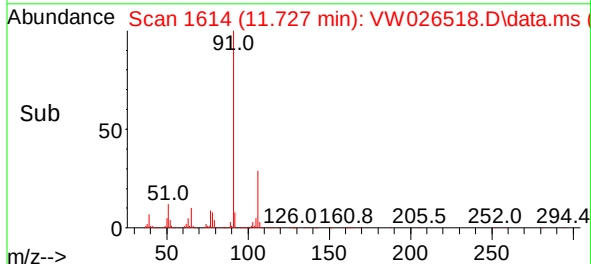
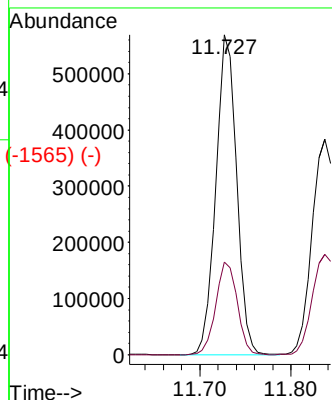
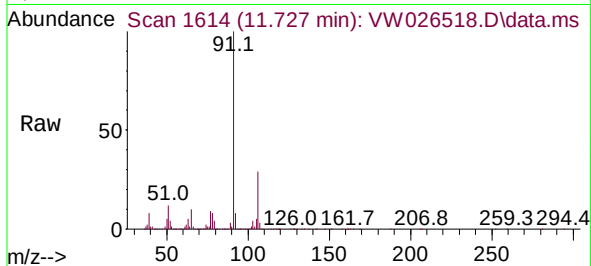
ClientSampleId :

Tgt Ion: 91 Resp: 900269

Ion Ratio Lower Upper

91 100

106 29.0 20.7 38.5



m,p-Xylene

Concen: 25.540 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026518.D

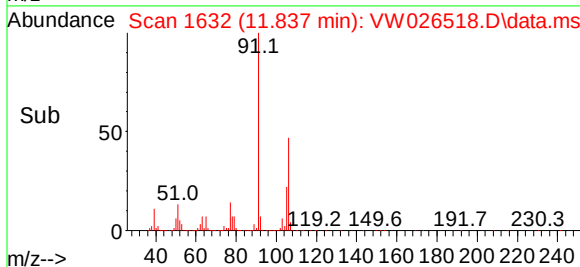
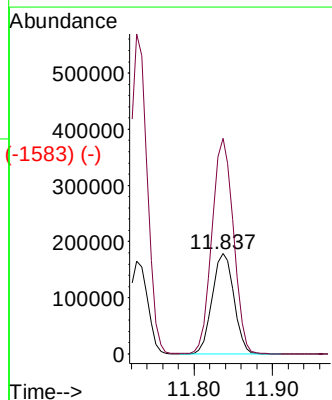
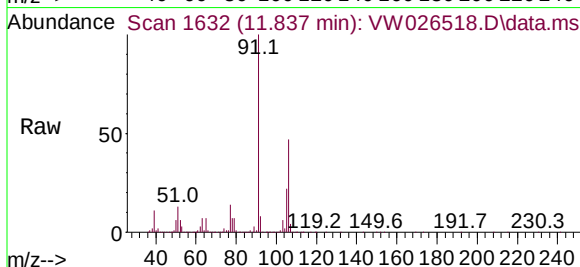
Acq: 03 Jul 2023 20:45

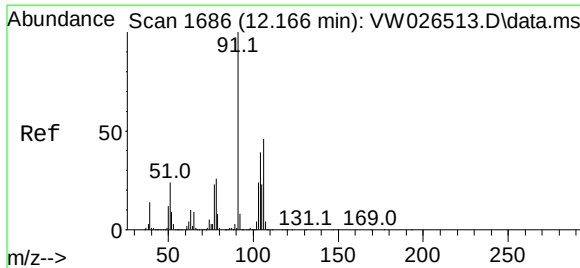
Tgt Ion: 106 Resp: 343129

Ion Ratio Lower Upper

106 100

91 214.6 152.7 283.7

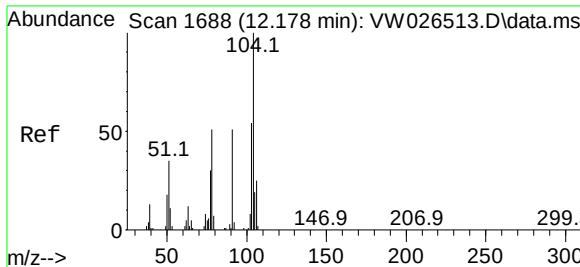
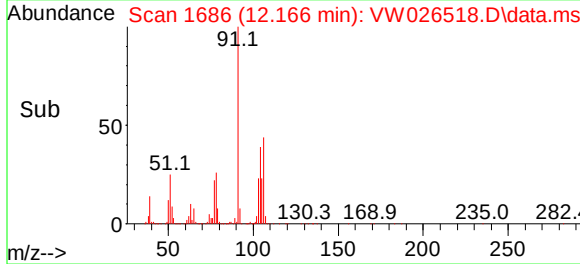
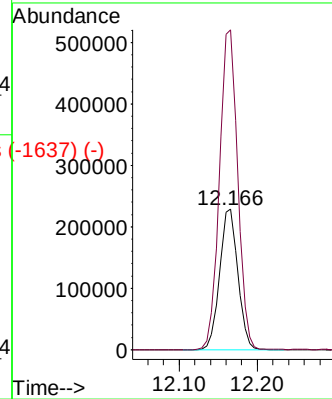
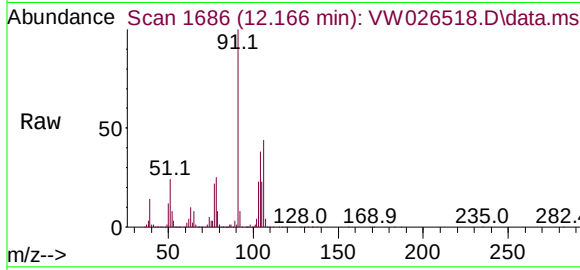




Scan 1686 (12.166 min): VW026513.D\data.ms (-1636) (-)
 o-Xylene
 Concen: 28.214 ug/L
 RT: 12.166 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

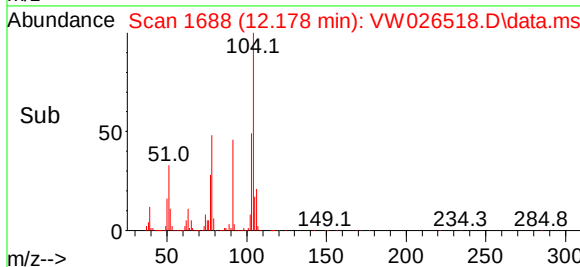
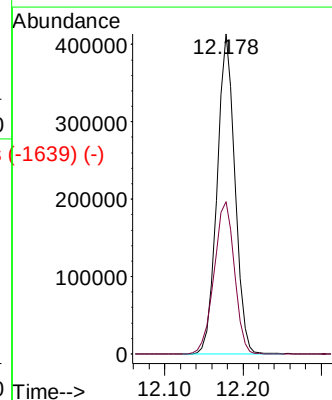
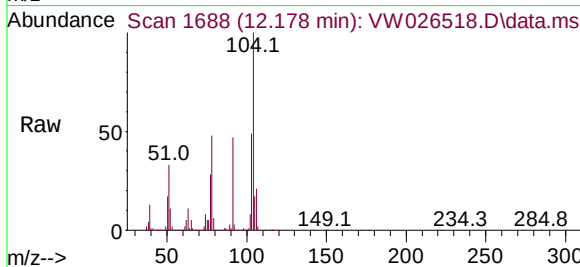
Instrument :
 MSVOA_W
 ClientSampleId :

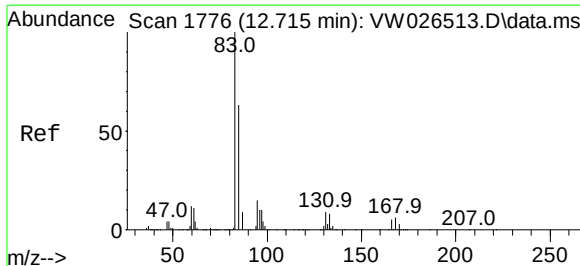
Tgt Ion:106 Resp: 367268
 Ion Ratio Lower Upper
 106 100
 91 227.9 151.8 282.0



Scan 1688 (12.178 min): VW026513.D\data.ms (-1637) (-)
 Styrene
 Concen: 29.178 ug/L
 RT: 12.178 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion:104 Resp: 649529
 Ion Ratio Lower Upper
 104 100
 78 47.6 35.6 66.2

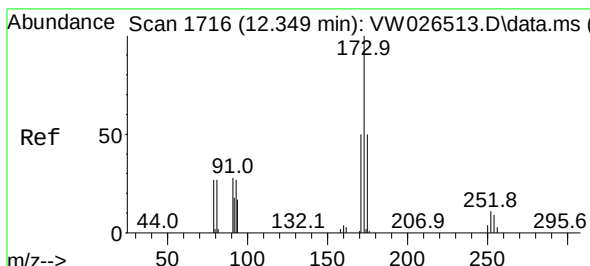
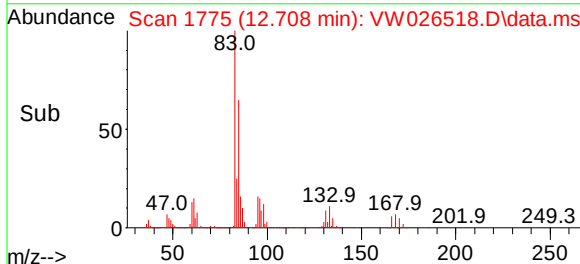
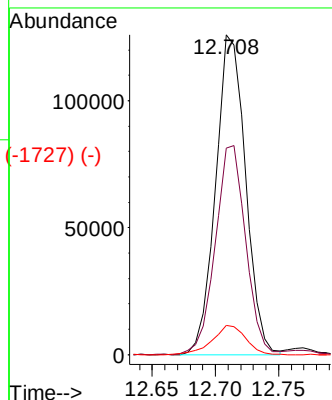
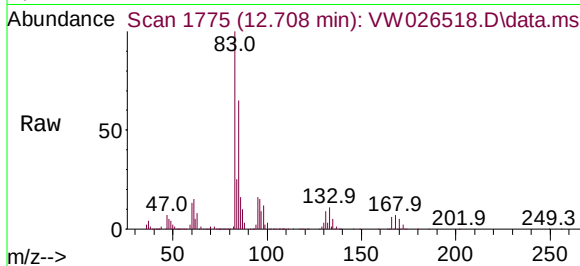




1,1,2,2-Tetrachloroethane
 Concen: 25.833 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

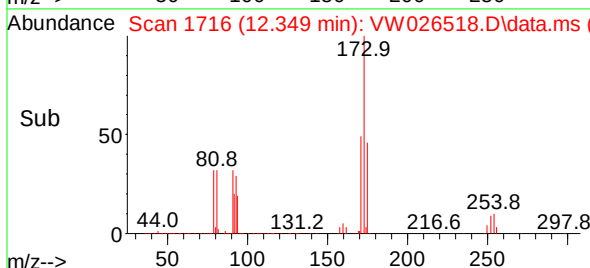
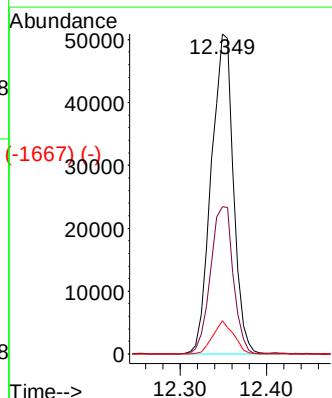
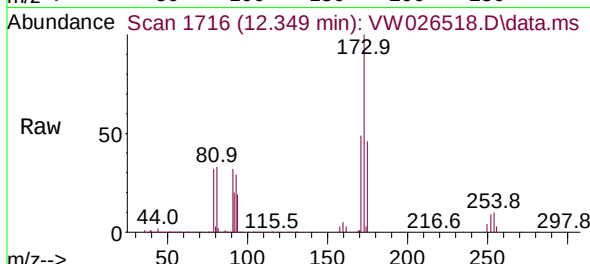
Instrument :
 MSVOA_W
 ClientSampleId :

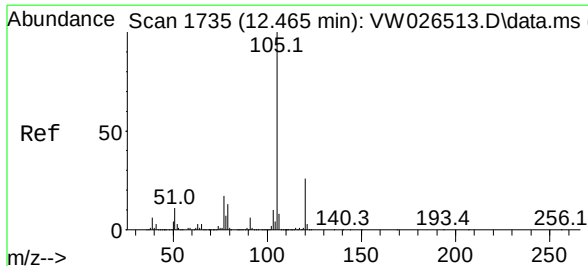
Tgt Ion:	83	Resp:	208204
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.4	82.5
131	9.1	7.2	10.8



Bromoform
 Concen: 22.771 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion:	173	Resp:	90285
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.0	58.4
254	9.8	7.0	10.6





Isopropylbenzene

Concen: 25.308 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

Instrument :

MSVOA_W

ClientSampleId :

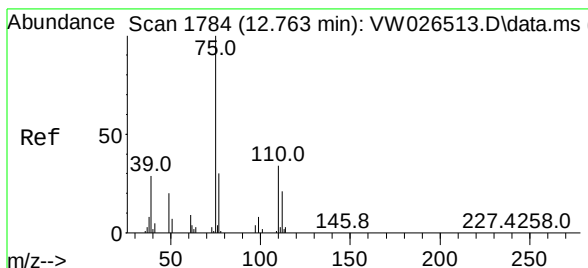
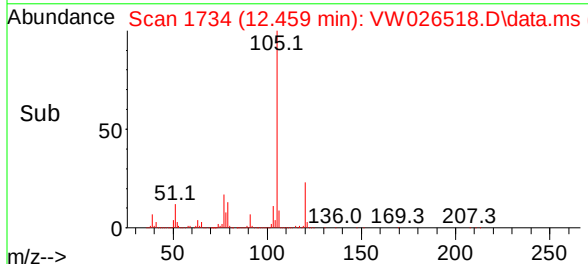
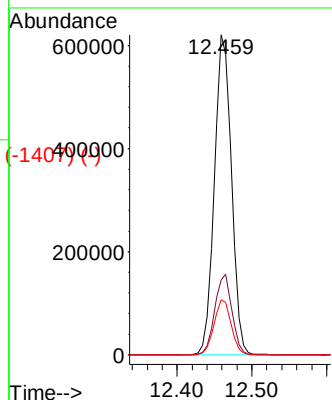
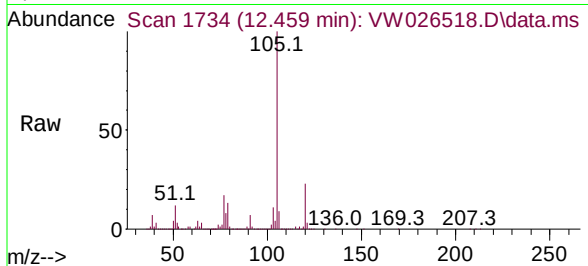
Tgt Ion:105 Resp: 981085

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5

77 17.2 13.4 20.0



1,2,3-Trichloropropane

Concen: 23.899 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026518.D

Acq: 03 Jul 2023 20:45

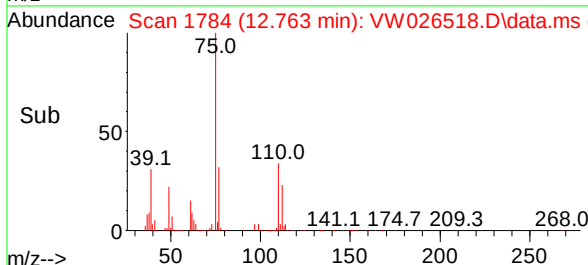
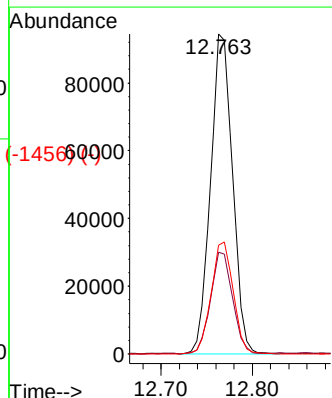
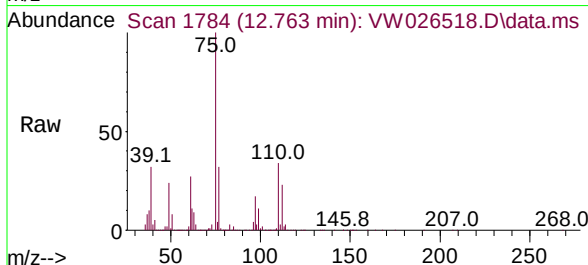
Tgt Ion: 75 Resp: 157377

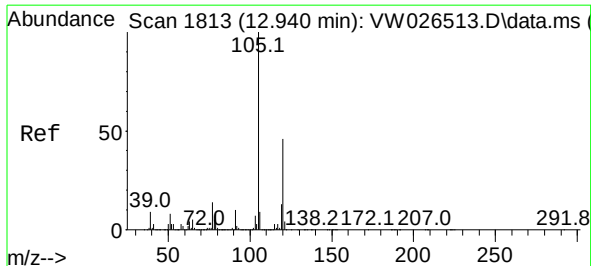
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

110 35.2 28.3 42.5

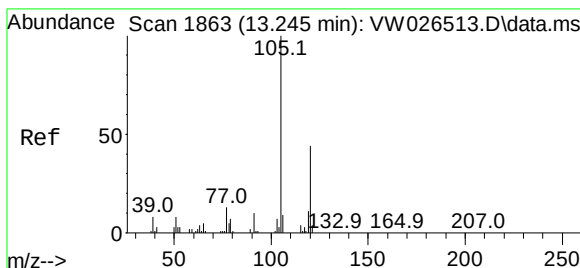
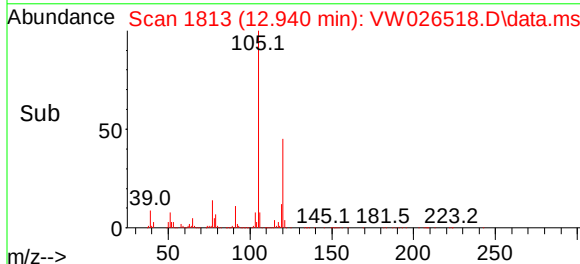
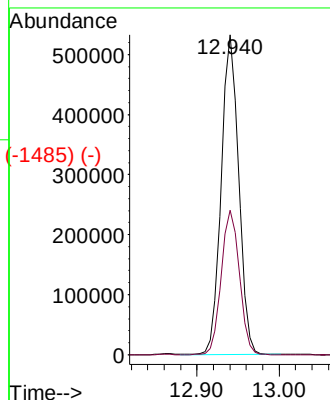
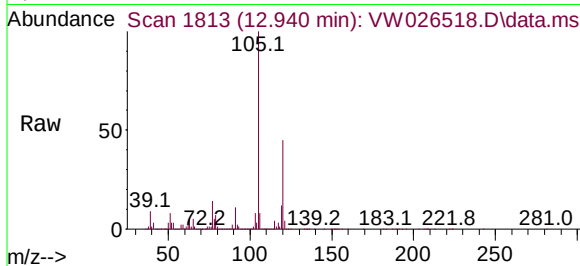




1,3,5-Trimethylbenzene
Concen: 24.422 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

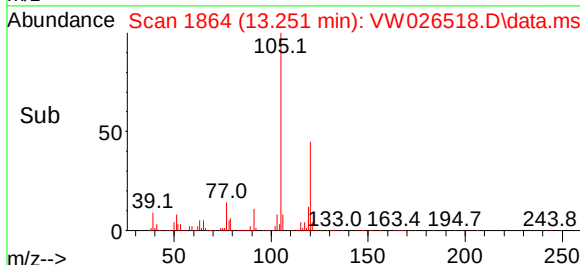
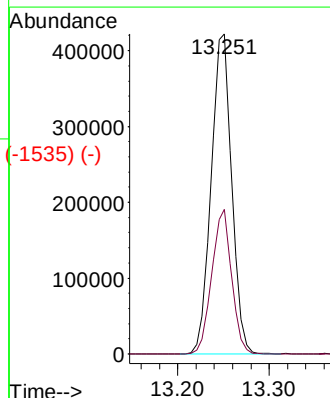
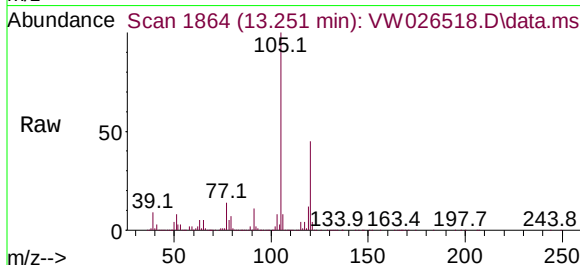
Instrument :
MSVOA_W
ClientSampleId :

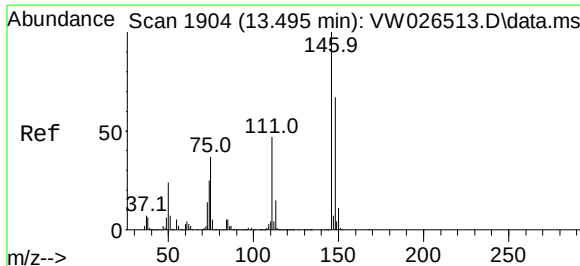
Tgt Ion:105 Resp: 780598
Ion Ratio Lower Upper
105 100
120 46.9 38.0 57.0



1,2,4-Trimethylbenzene
Concen: 21.338 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Tgt Ion:105 Resp: 656092
Ion Ratio Lower Upper
105 100
120 43.6 35.5 53.3

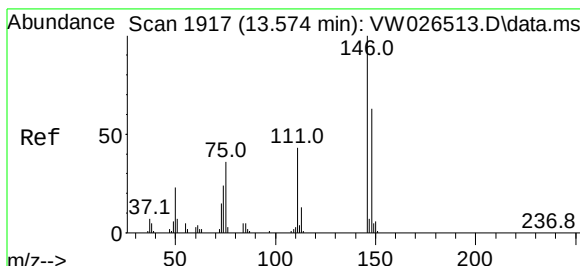
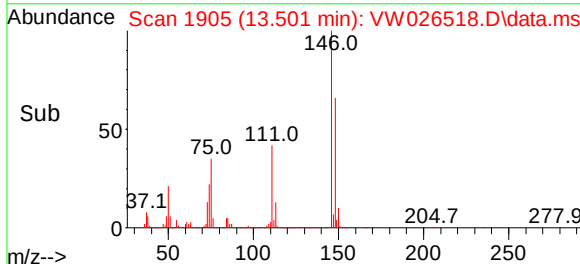
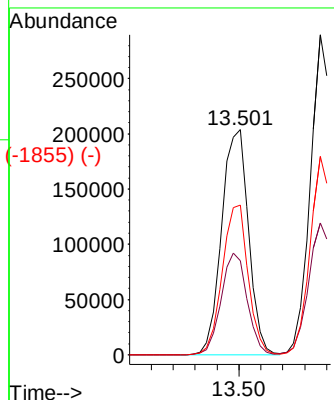
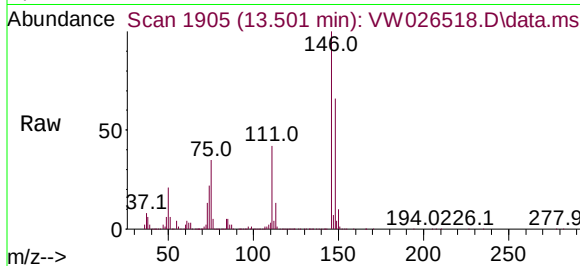




1,3-Dichlorobenzene
Concen: 21.040 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

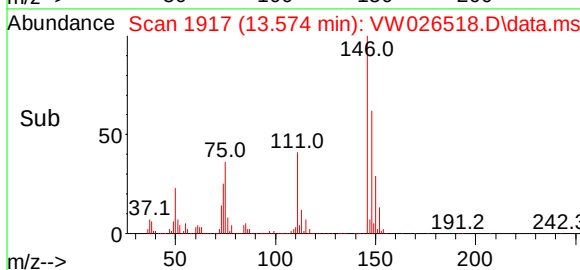
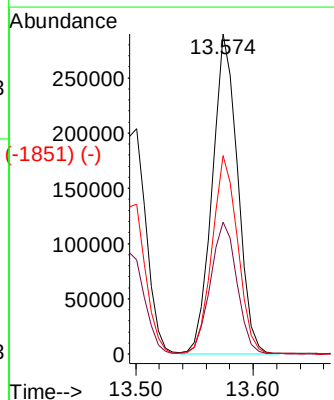
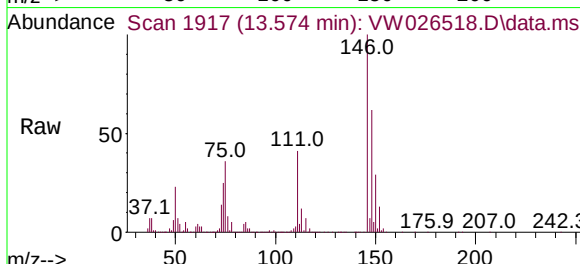
Instrument :
MSVOA_W
ClientSampleId :

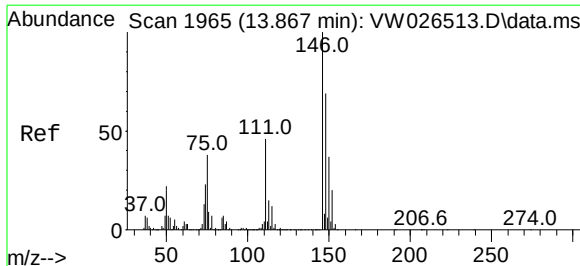
Tgt Ion:146 Resp: 347010
Ion Ratio Lower Upper
146 100
111 41.8 32.7 60.7
148 66.4 47.0 87.2



1,4-Dichlorobenzene
Concen: 26.457 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Tgt Ion:146 Resp: 435092
Ion Ratio Lower Upper
146 100
111 41.2 30.2 56.0
148 61.9 44.0 81.6

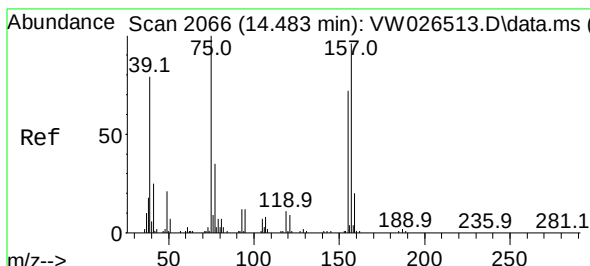
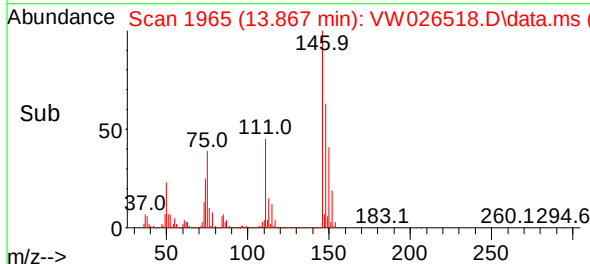
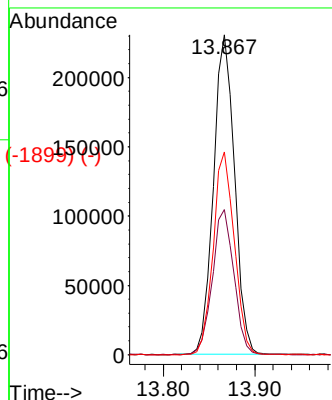
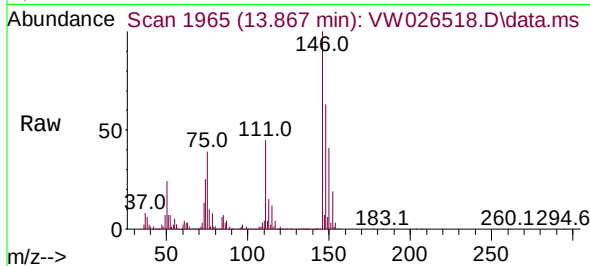




1,2-Dichlorobenzene
Concen: 23.668 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

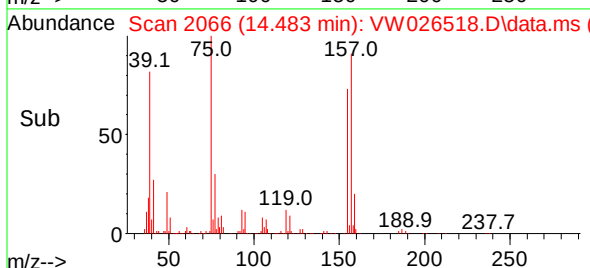
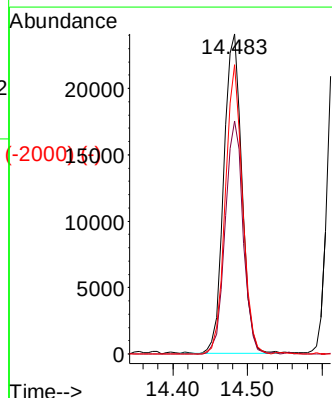
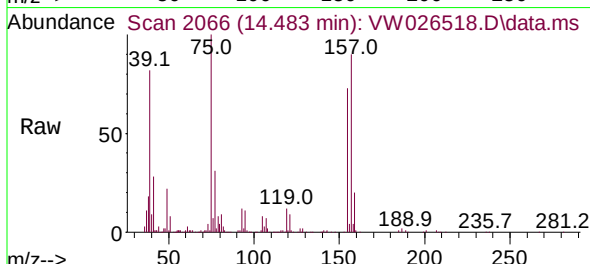
Instrument :
MSVOA_W
ClientSampleId :

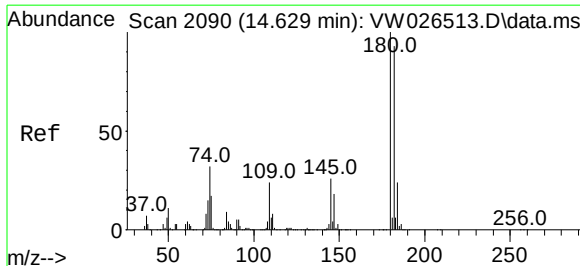
Tgt Ion:146 Resp: 367735
Ion Ratio Lower Upper
146 100
111 45.4 36.6 55.0
148 63.3 55.1 82.7



1,2-Dibromo-3-chloropropane
Concen: 24.620 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026518.D
Acq: 03 Jul 2023 20:45

Tgt Ion: 75 Resp: 40884
Ion Ratio Lower Upper
75 100
155 72.8 57.3 85.9
157 90.4 76.9 115.3

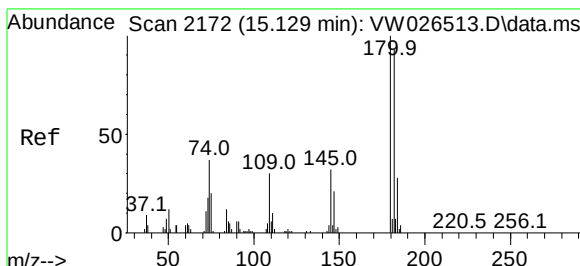
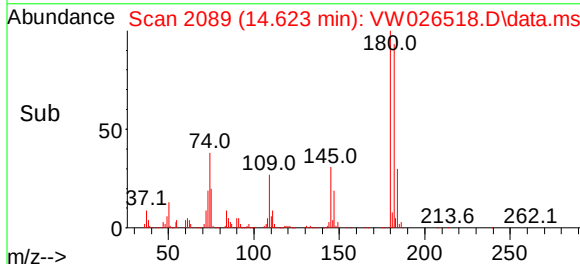
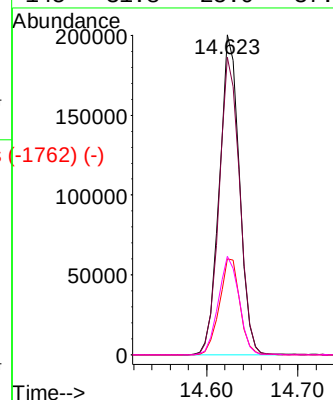
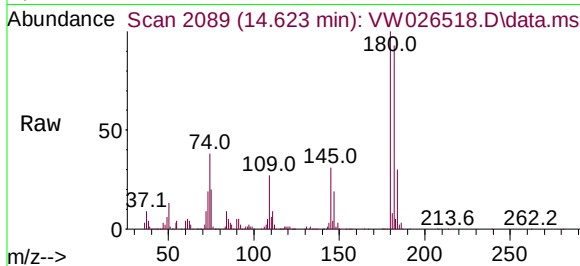




1,3,5-Trichlorobenzene
 Concen: 27.814 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.006 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

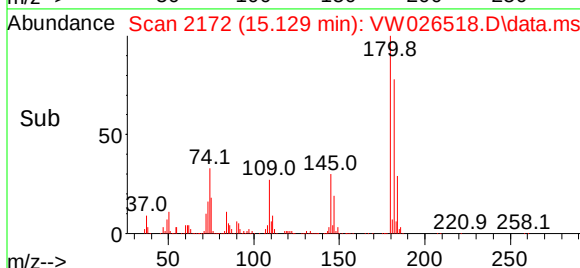
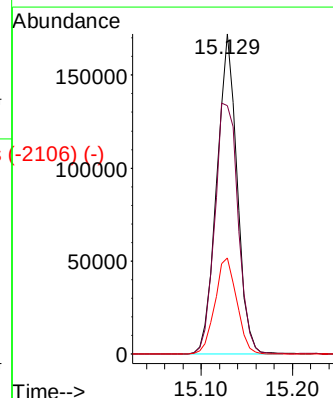
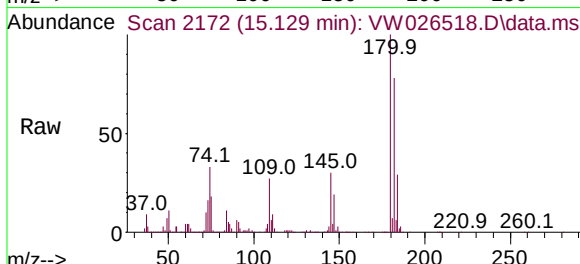
Instrument :
 MSVOA_W
 ClientSampleId :

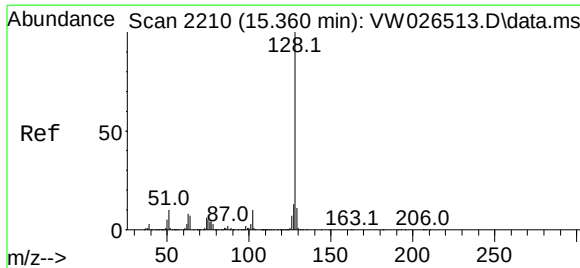
Tgt	Ion:180	Resp:	305136
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
184	30.3	23.8	35.8
145	31.8	25.0	37.4



1,2,4-trichlorobenzene
 Concen: 29.518 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion:180	Resp:	264171	
Ion	Ratio	Lower	Upper
180	100		
182	90.2	74.5	111.7
145	32.3	25.9	38.9

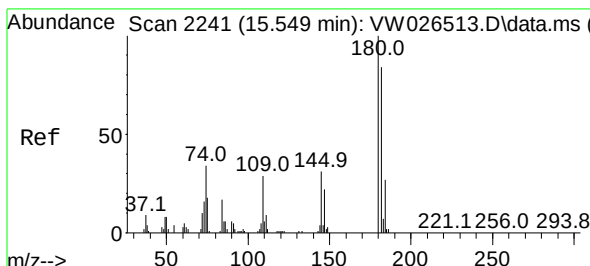
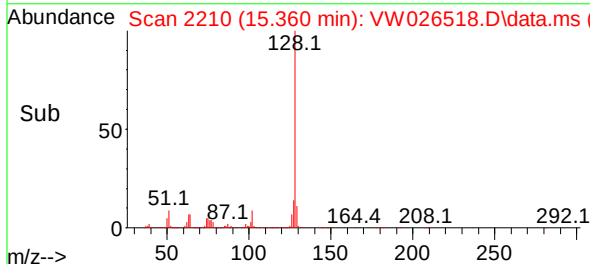
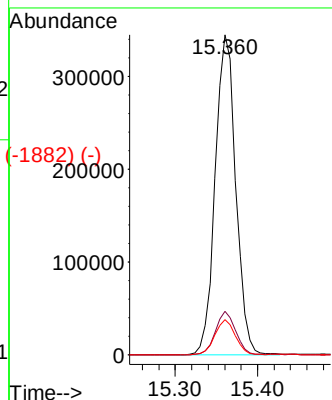
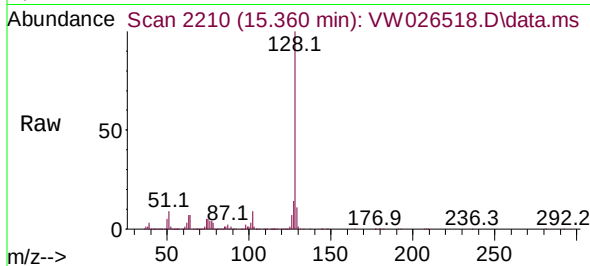




Scan 2210 (15.360 min): VW026513.D\data.ms (-2202) (-)
 Naphthalene
 Concen: 29.712 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Instrument : MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	595080
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.9	8.6	13.0



Scan 2241 (15.549 min): VW026513.D\data.ms (-2232) (-)
 1,2,3-Trichlorobenzene
 Concen: 28.876 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: VW026518.D
 Acq: 03 Jul 2023 20:45

Tgt Ion:	180	Resp:	230895
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.3	112.9
145	34.2	29.0	43.6

