

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051923\
 Data File : VW026013.D
 Acq On : 19 May 2023 18:28
 Operator : SY/MD
 Sample : 02851-03MSD
 Misc : 2.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0FJ2MSD

Quant Time: May 20 05:10:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 20 04:57:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	649704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	529590	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	194964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	170104	18.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.920%
7) Chloroethane-d5	2.893	69	163028	23.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	4.021	65	89536	19.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.680%
21) 2-Butanone-d5	7.075	46	102764	33.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.520%
24) Chloroform-d	7.648	84	446354	23.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.306	65	236767	22.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	8.270	84	839068	24.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.270	67	281533	25.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.720%
41) Toluene-d8	10.324	98	704598	22.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	10.574	79	82240	18.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.280%
47) 2-Hexanone-d5	10.922	63	67630	35.822	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	198026	23.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	13.854	152	153901	21.654	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	197037	27.145	ug/L	97
3) Chloromethane	2.228	50	268594	25.097	ug/L	100
5) Vinyl chloride	2.375	62	264130	23.844	ug/L	100
6) Bromomethane	2.789	94	123206	20.449	ug/L	97
8) Chloroethane	2.935	64	175141	27.805	ug/L	99
9) Trichlorofluoromethane	3.265	101	219663	26.275	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	217395	23.911	ug/L	97
12) 1,1-Dichloroethene	4.045	96	213304	24.548	ug/L	93
13) Acetone	4.118	43	174676	64.723	ug/L	98
14) Carbon disulfide	4.386	76	636456	21.659	ug/L	99
15) Methyl Acetate	4.673	43	48707	9.158	ug/L	99
16) Methylene chloride	4.923	84	273618	20.421	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	231373	24.408	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	369128	25.657	ug/L	99
19) 1,1-Dichloroethane	6.215	63	512068	26.293	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	259509	25.518	ug/L	98
22) 2-Butanone	7.166	43	187940	50.433	ug/L	97
23) Bromochloromethane	7.514	128	110552	25.660	ug/L	98
25) Chloroform	7.678	83	473449	26.450	ug/L	98

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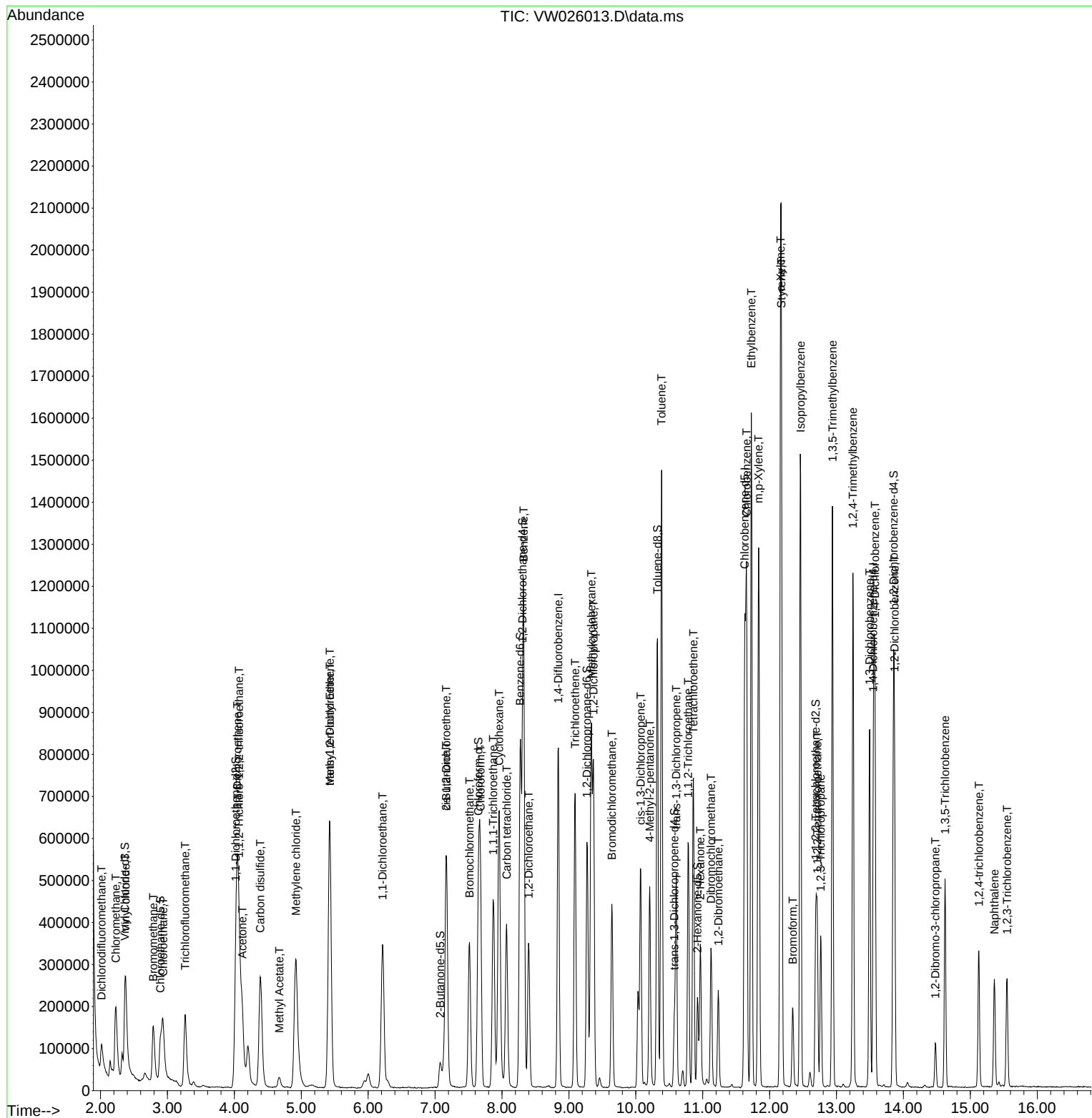
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27) 1,2-Dichloroethane	8.398	62	315973	24.856	ug/L	100
29) Cyclohexane	7.959	56	386539	23.553	ug/L	99
30) 1,1,1-Trichloroethane	7.867	97	362252	27.970	ug/L	99
31) Carbon tetrachloride	8.069	117	286822	24.608	ug/L	98
33) Benzene	8.325	78	1027778	28.051	ug/L	100
34) Trichloroethene	9.093	95	248873	26.470	ug/L	98
35) Methylcyclohexane	9.337	83	317466	18.985	ug/L	100
37) 1,2-Dichloropropane	9.367	63	285319	28.423	ug/L	100
38) Bromodichloromethane	9.642	83	292581	25.405	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	305750	20.769	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	332833	50.938	ug/L	99
42) Toluene	10.385	91	1015415	27.123	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	262602	21.528	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	180771	26.920	ug/L	98
46) Tetrachloroethene	10.861	164	158579	23.975	ug/L	95
48) 2-Hexanone	10.964	43	243776	52.079	ug/L	93
49) Dibromochloromethane	11.123	129	165903	23.864	ug/L	97
50) 1,2-Dibromoethane	11.233	107	152221	24.590	ug/L	98
51) Chlorobenzene	11.653	112	579254	24.976	ug/L	98
52) Ethylbenzene	11.727	91	1064473	25.277	ug/L	100
53) m,p-Xylene	11.836	106	387430	24.996	ug/L	100
54) o-Xylene	12.165	106	359314	24.595	ug/L	97
55) Styrene	12.178	104	595553	23.818	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	196329	23.432	ug/L	100
59) Bromoform	12.348	173	82544	28.583	ug/L	98
60) Isopropylbenzene	12.464	105	936330	31.595	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	151447	32.868	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	678928	28.924	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	624070	28.811	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	309804	24.284	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	322201	24.998	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	279811	24.593	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	28250	26.440	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	143257	16.917	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	97278	13.712	ug/L	99
71) Naphthalene	15.360	128	215851	16.120	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	81545	12.954	ug/L	97

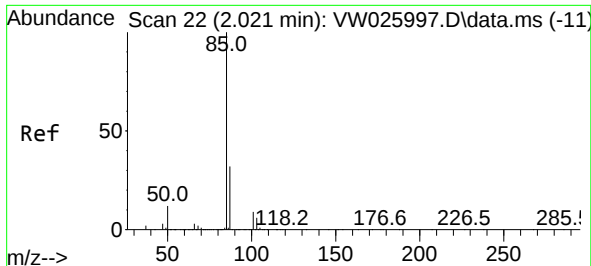
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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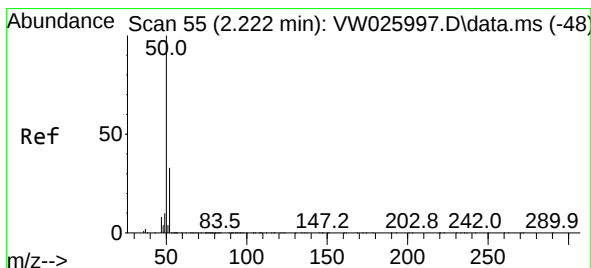
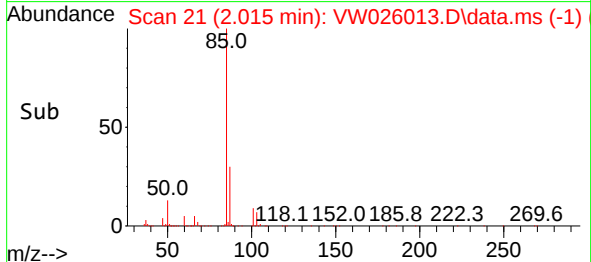
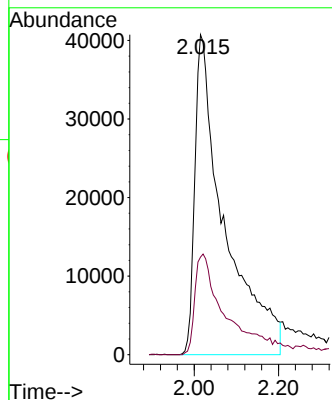
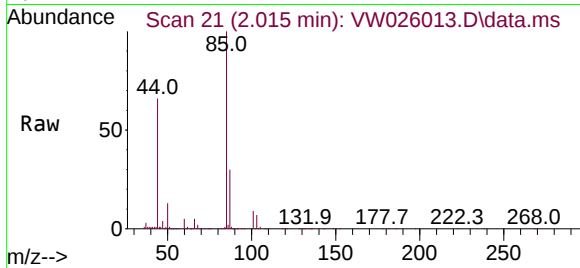




#2
Dichlorodifluoromethane
Concen: 27.145 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

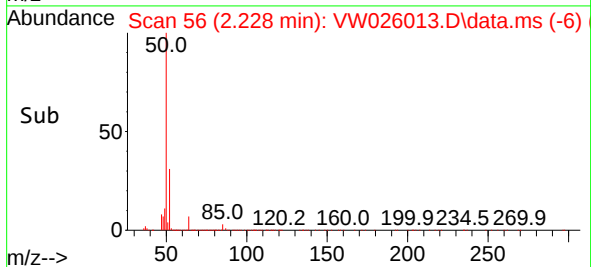
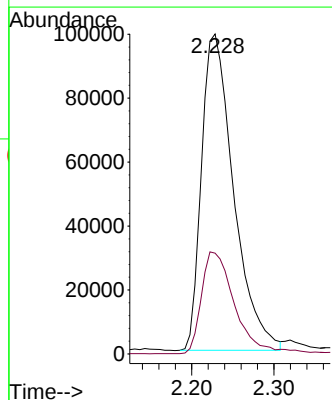
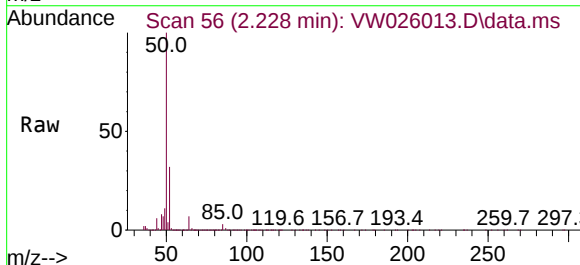
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ClientSampleId :
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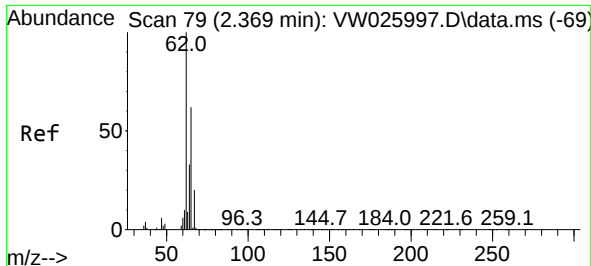
Tgt Ion: 85 Resp: 197037
Ion Ratio Lower Upper
85 100
87 29.3 24.7 37.1



#3
Chloromethane
Concen: 25.097 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 50 Resp: 268594
Ion Ratio Lower Upper
50 100
52 31.5 22.1 41.1

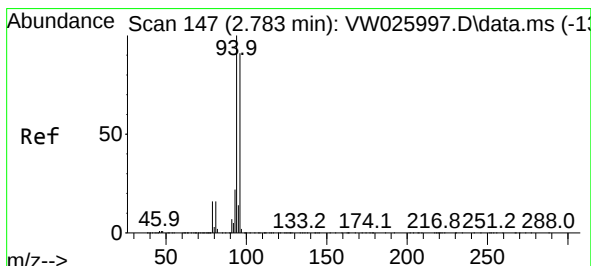
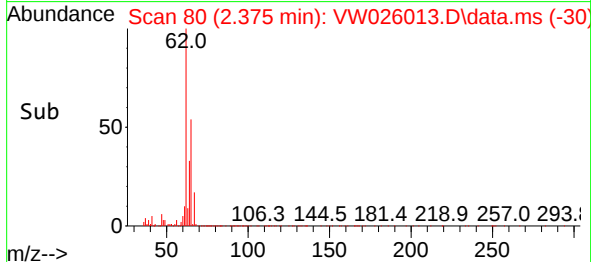
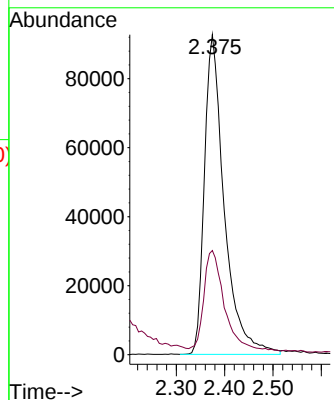
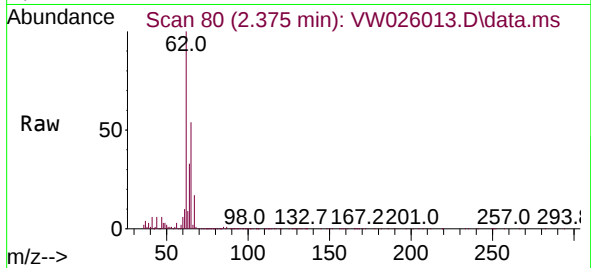




#5
 Vinyl chloride
 Concen: 23.844 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026013.D
 Acq: 19 May 2023 18:28

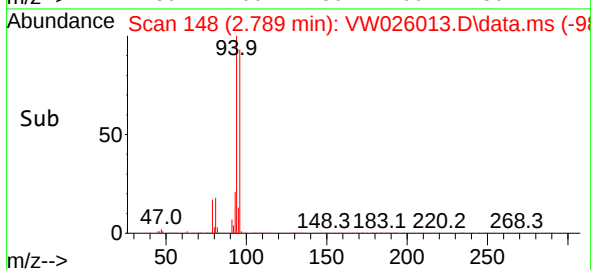
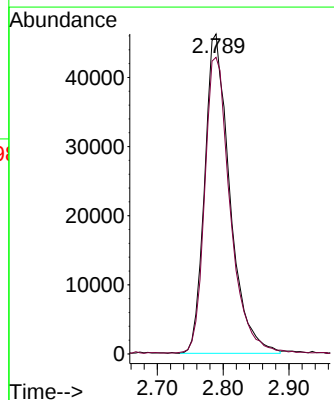
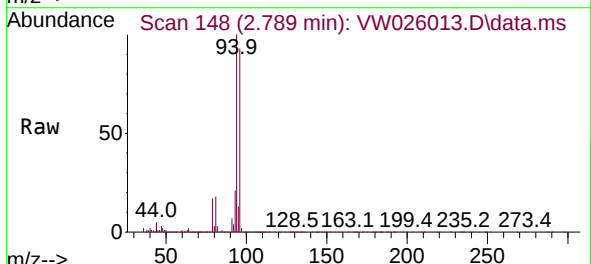
Instrument :
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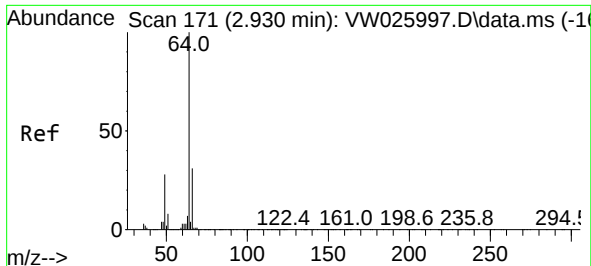
Tgt Ion: 62 Resp: 264130
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 20.449 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026013.D
 Acq: 19 May 2023 18:28

Tgt Ion: 94 Resp: 123206
 Ion Ratio Lower Upper
 94 100
 96 92.7 63.1 117.1

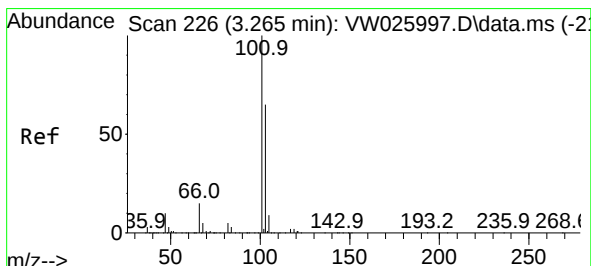
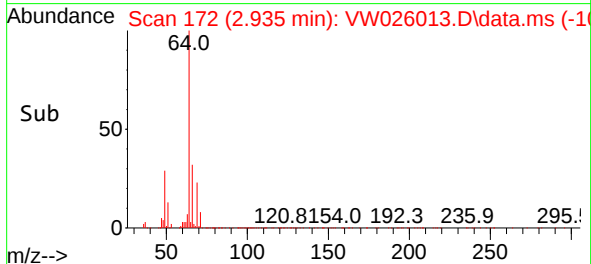
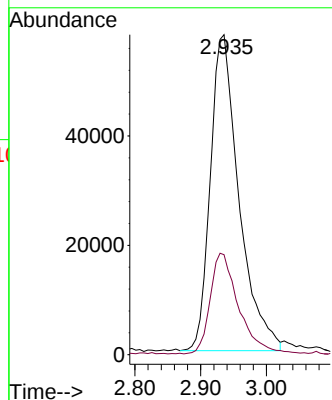
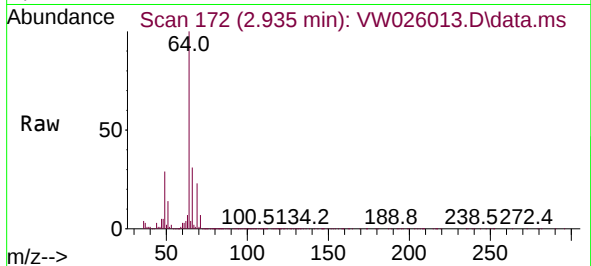




#8
Chloroethane
Concen: 27.805 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

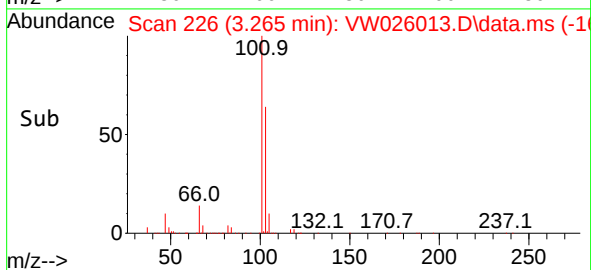
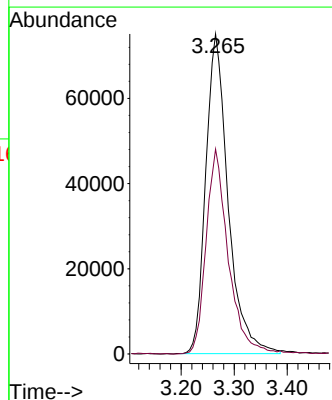
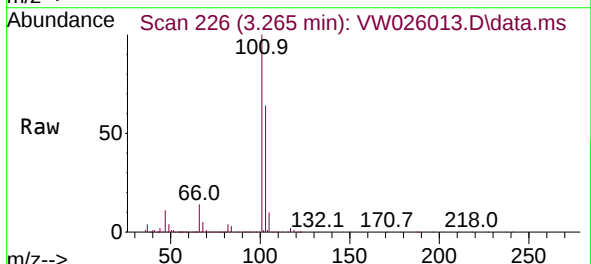
Instrument :
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ClientSampleId :
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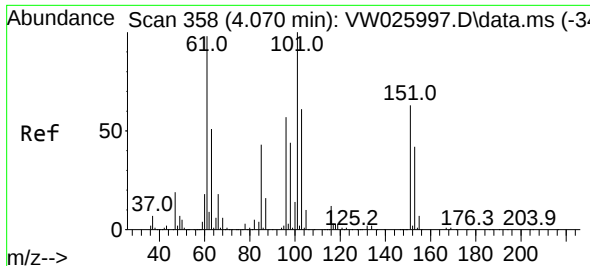
Tgt Ion: 64 Resp: 175141
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 26.275 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 101 Resp: 219663
Ion Ratio Lower Upper
101 100
103 63.7 50.6 76.0

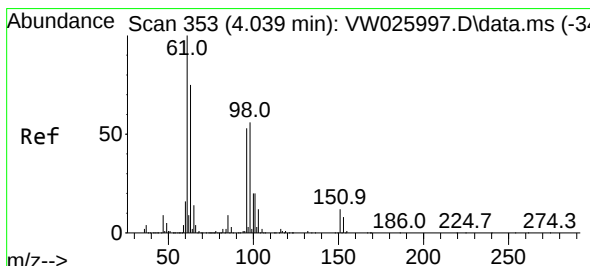
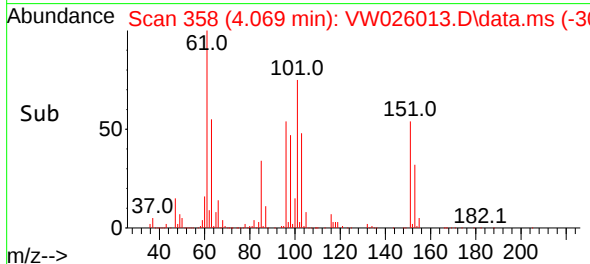
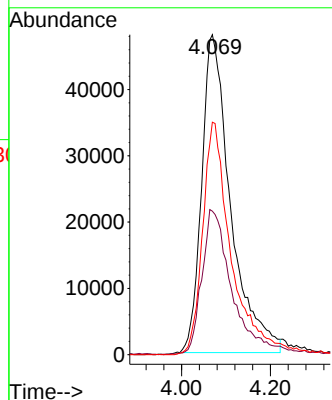
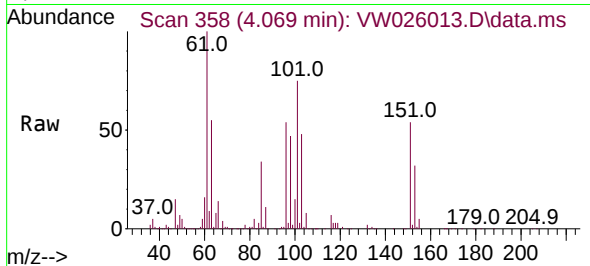




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.911 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026013.D
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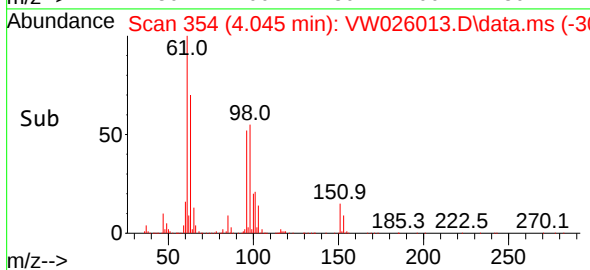
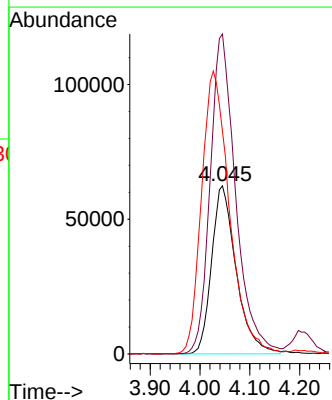
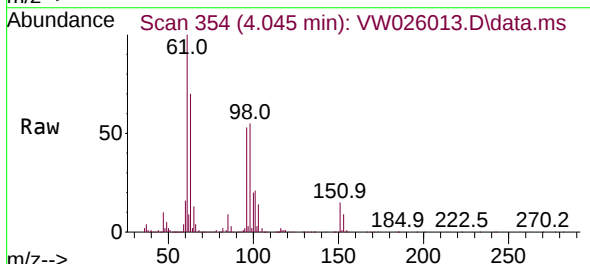
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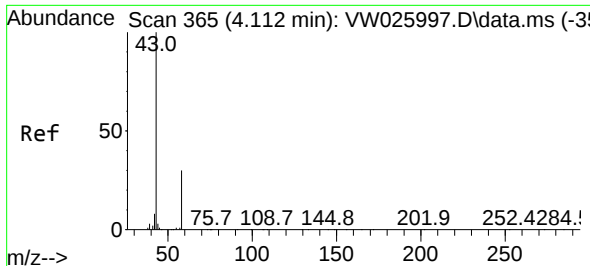
Tgt Ion:101 Resp: 217395
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.9 50.9
 151 70.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.548 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026013.D
 Acq: 19 May 2023 18:28

Tgt Ion: 96 Resp: 213304
 Ion Ratio Lower Upper
 96 100
 61 190.4 135.0 250.8
 63 132.6 104.9 194.7

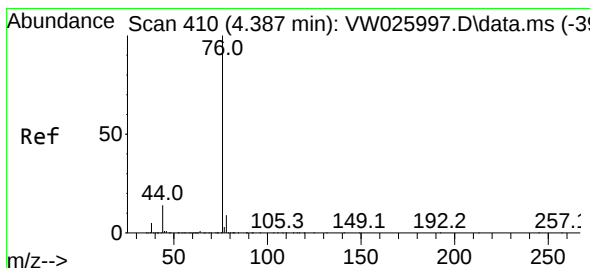
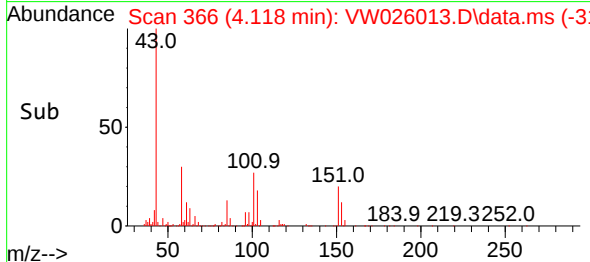
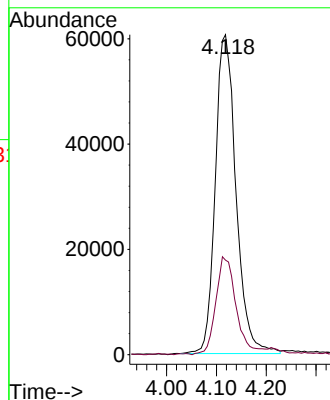
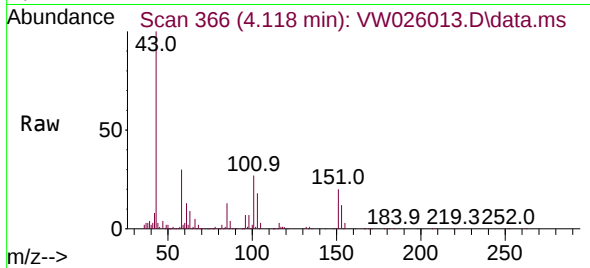




#13
Acetone
Concen: 64.723 ug/L
RT: 4.118 min Scan# 365
Delta R.T. 0.006 min
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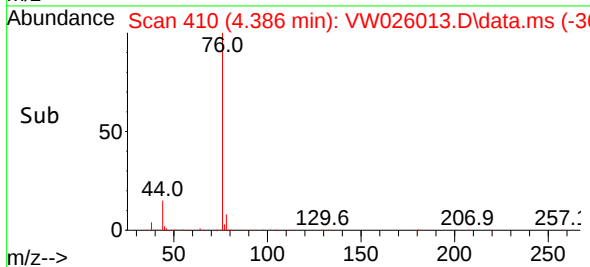
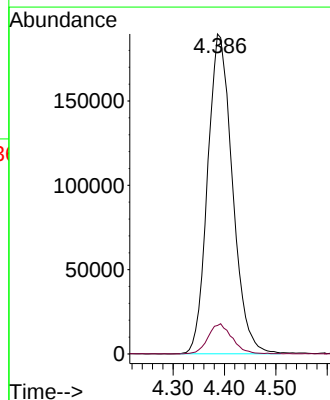
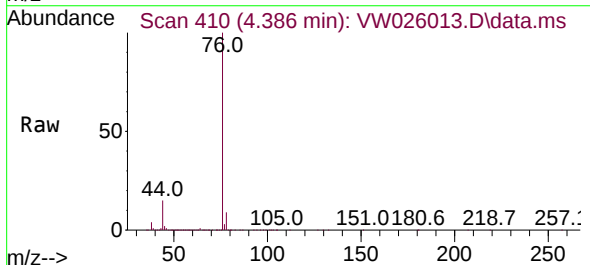
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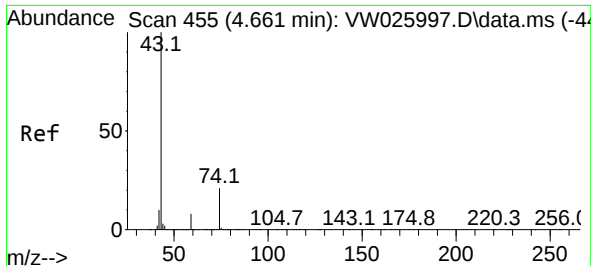
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Ion Ratio Lower Upper
43 100
58 30.3 0.0 58.2



#14
Carbon disulfide
Concen: 21.659 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 76 Resp: 636456
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

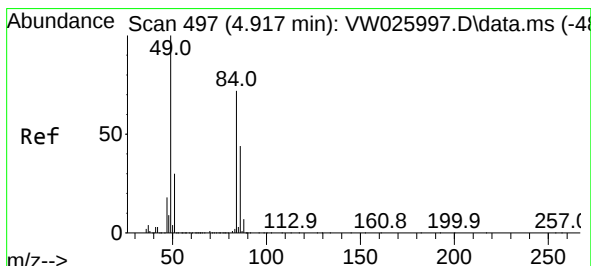
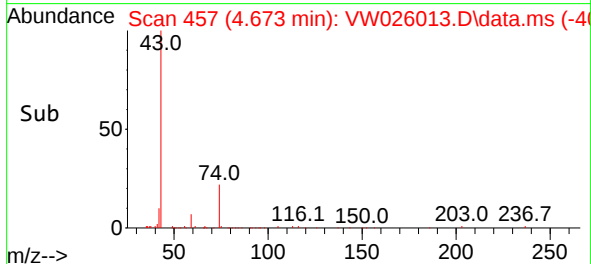
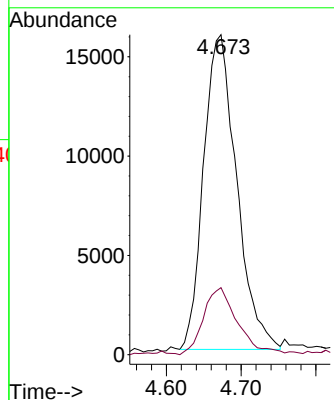
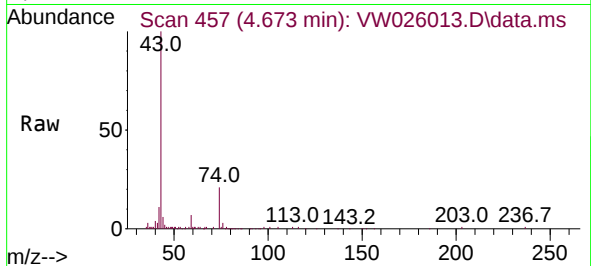




#15
Methyl Acetate
Concen: 9.158 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

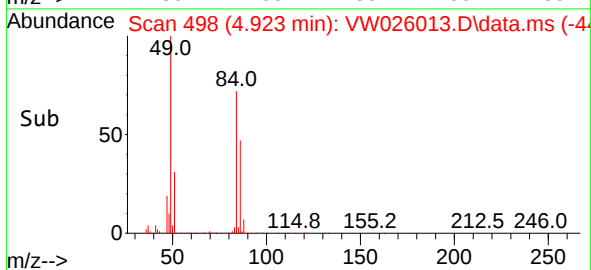
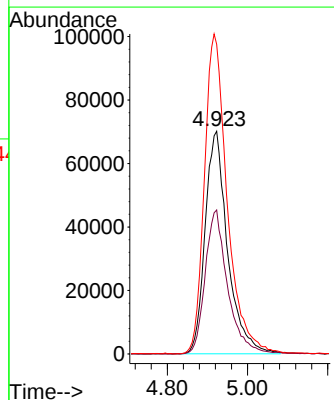
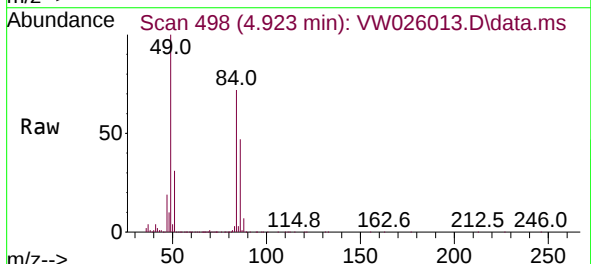
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

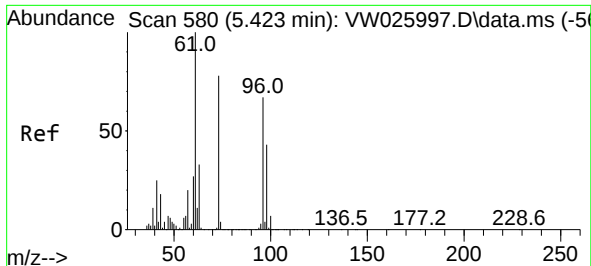
Tgt Ion: 43 Resp: 48707
Ion Ratio Lower Upper
43 100
74 21.1 16.5 24.7



#16
Methylene chloride
Concen: 20.421 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 84 Resp: 273618
Ion Ratio Lower Upper
84 100
86 64.6 41.7 77.5
49 139.0 95.3 177.1

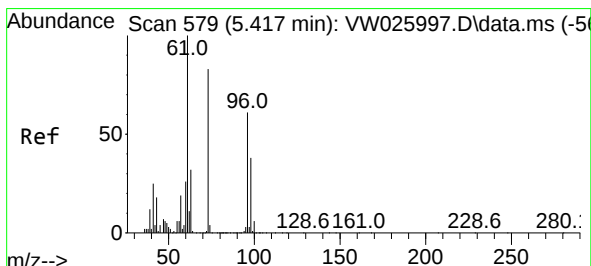
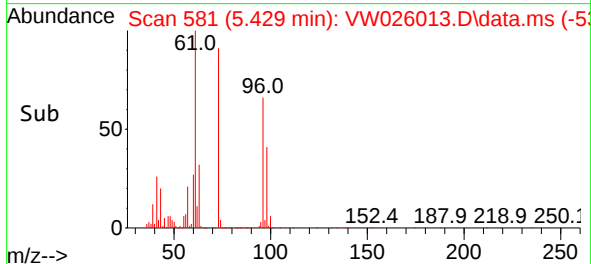
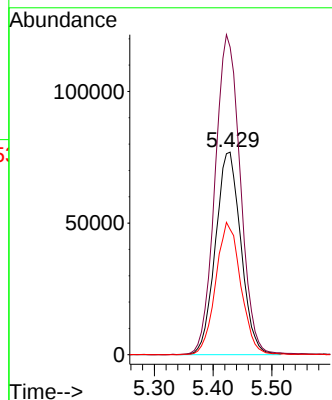
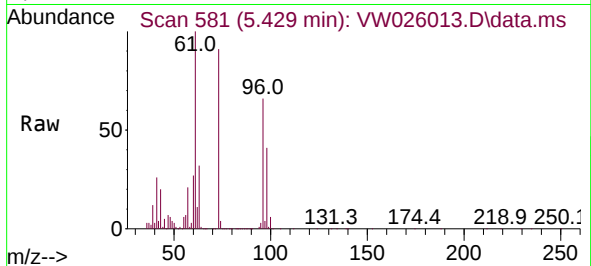




#17
trans-1,2-Dichloroethene
Concen: 24.408 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

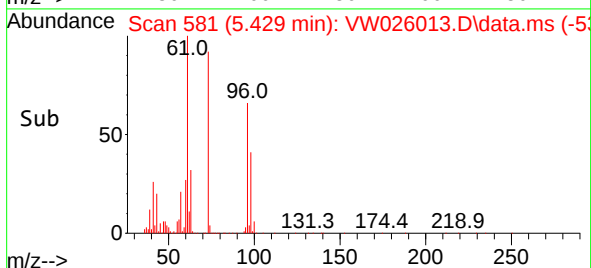
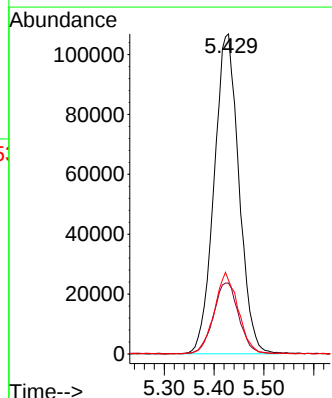
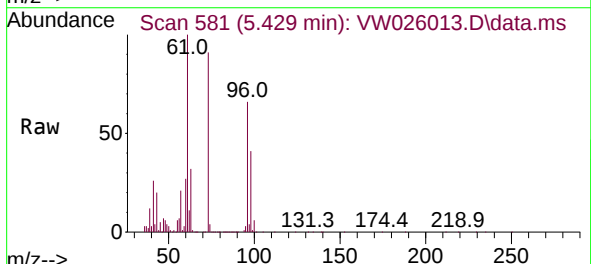
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

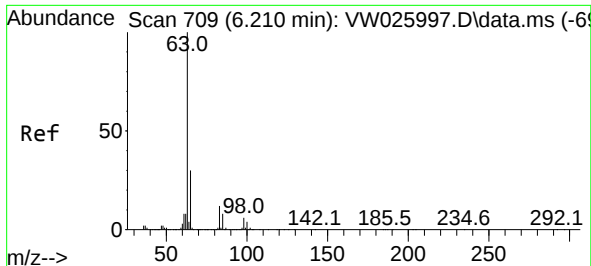
Tgt Ion: 96 Resp: 231373
Ion Ratio Lower Upper
96 100
61 151.8 108.1 200.9
98 61.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.657 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 73 Resp: 369128
Ion Ratio Lower Upper
73 100
43 22.6 18.2 27.4
57 24.4 19.2 28.8

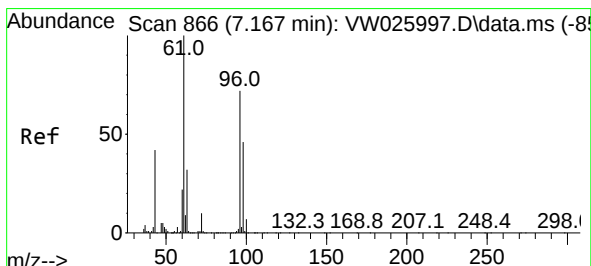
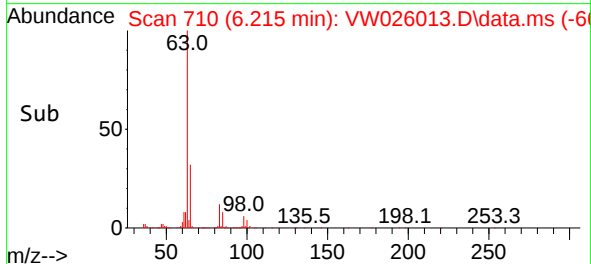
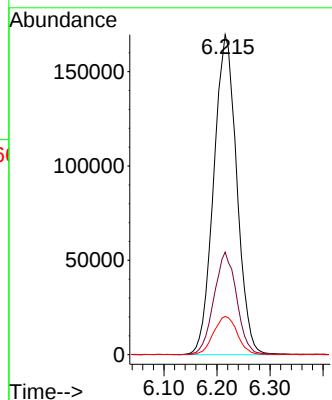
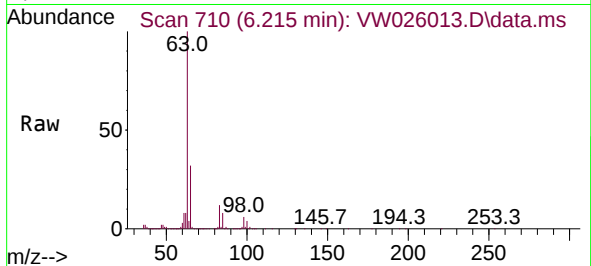




#19
1,1-Dichloroethane
Concen: 26.293 ug/L
RT: 6.215 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

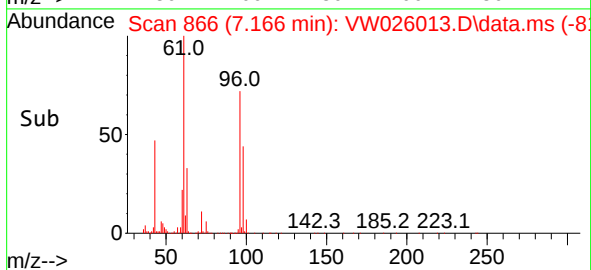
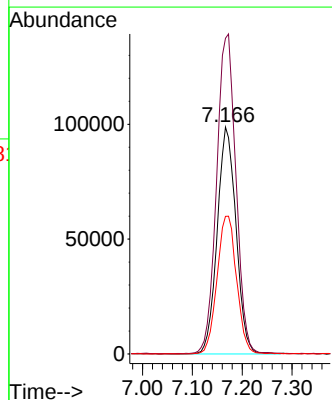
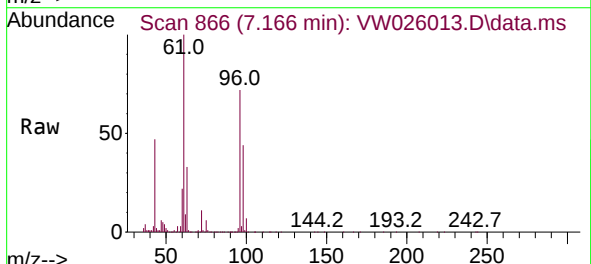
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

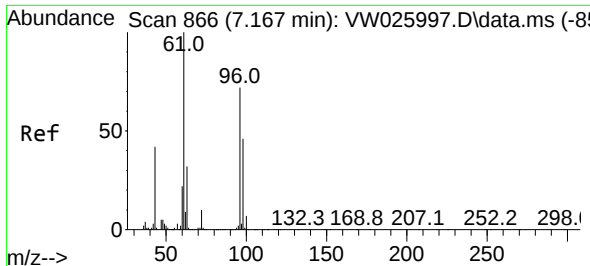
Tgt Ion: 63 Resp: 512068
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 12.0 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 25.518 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 96 Resp: 259509
Ion Ratio Lower Upper
96 100
61 139.2 98.6 183.0
98 60.6 45.2 84.0

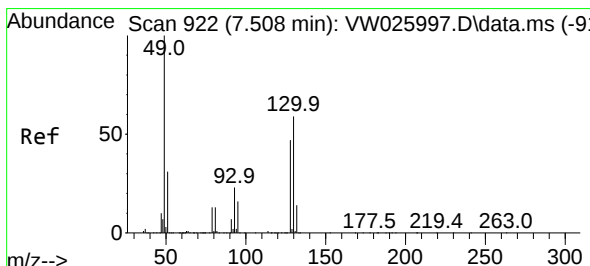
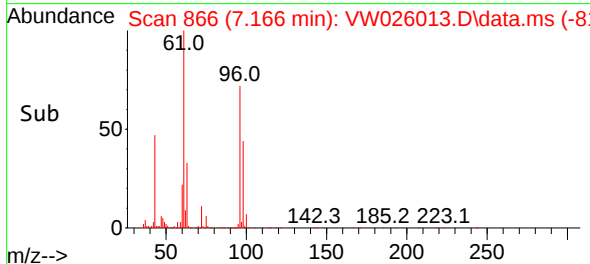
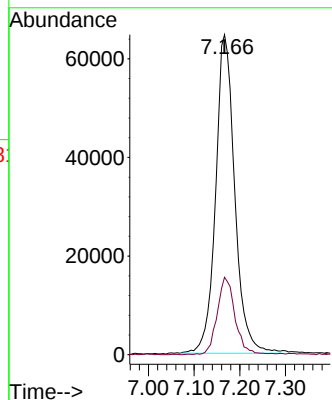
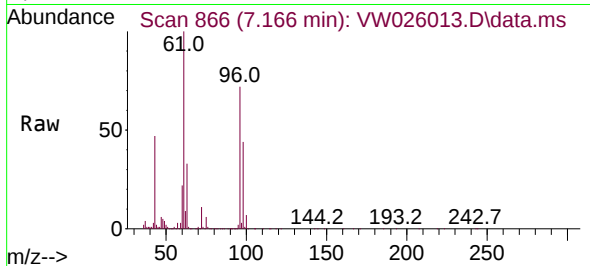




#22
2-Butanone
Concen: 50.433 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

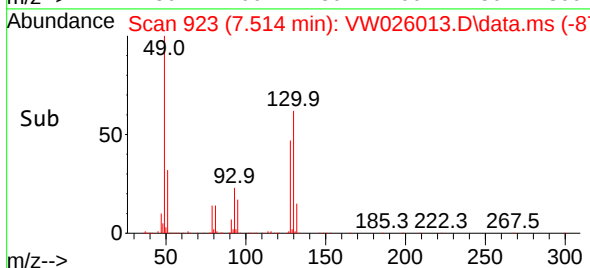
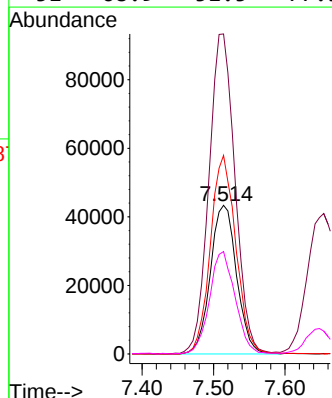
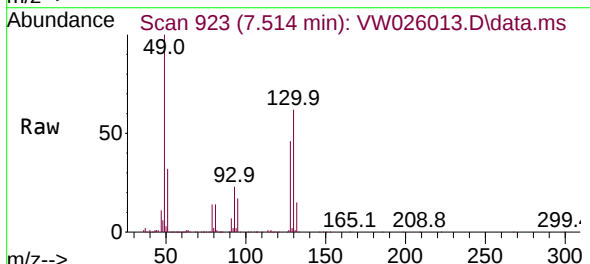
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

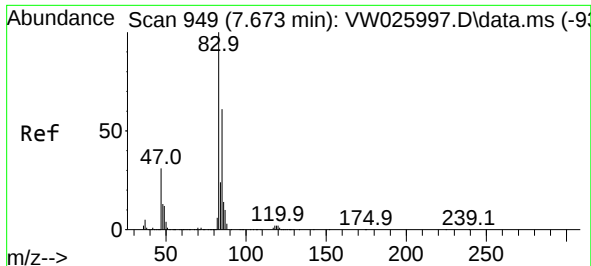
Tgt Ion: 43 Resp: 187940
Ion Ratio Lower Upper
43 100
72 22.1 11.8 35.4



#23
Bromochloromethane
Concen: 25.660 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion:128 Resp: 110552
Ion Ratio Lower Upper
128 100
49 215.3 151.5 281.5
130 133.6 91.3 169.6
51 68.9 51.5 77.3

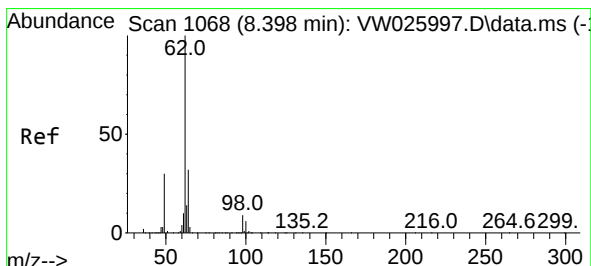
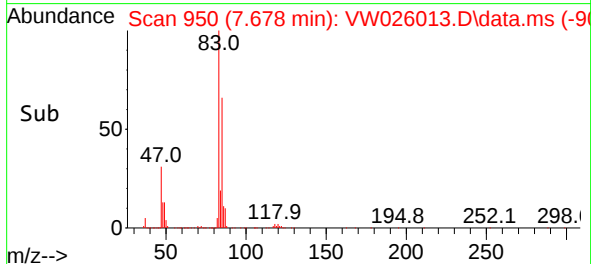
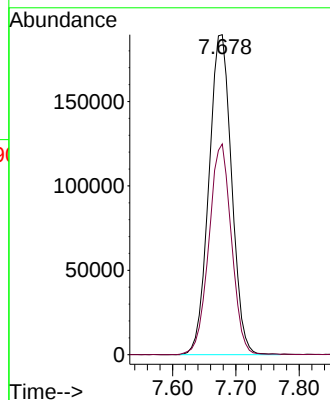
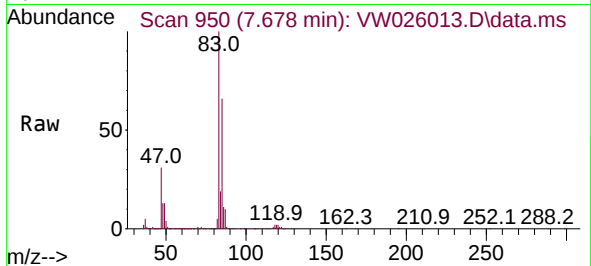




#25
Chloroform
Concen: 26.450 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

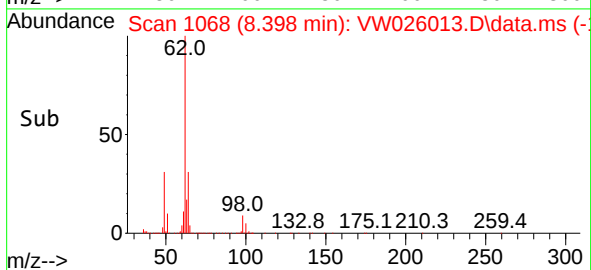
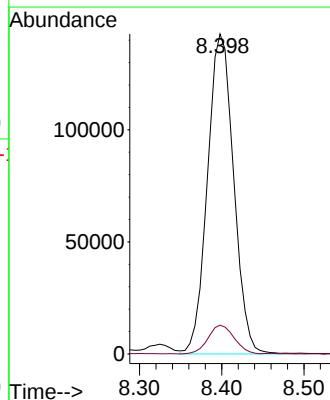
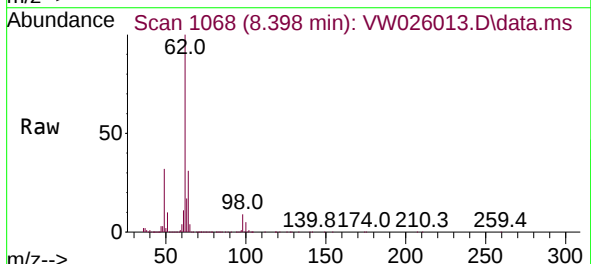
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

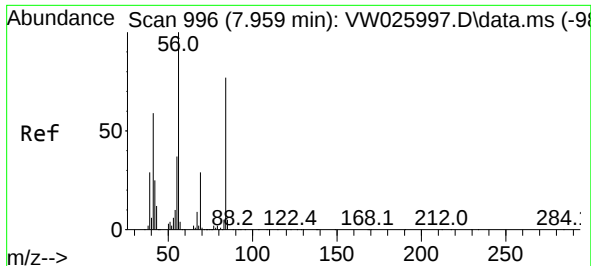
Tgt Ion: 83 Resp: 473449
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.856 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 62 Resp: 315973
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

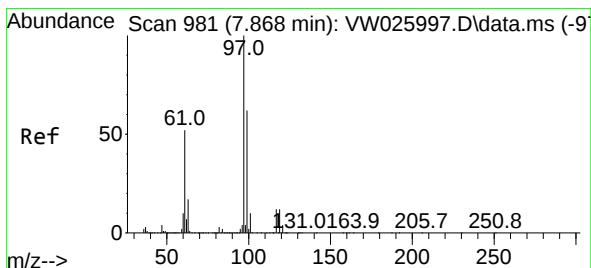
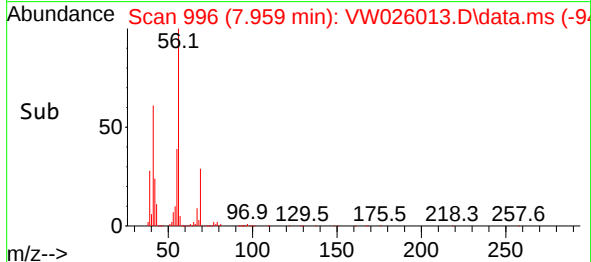
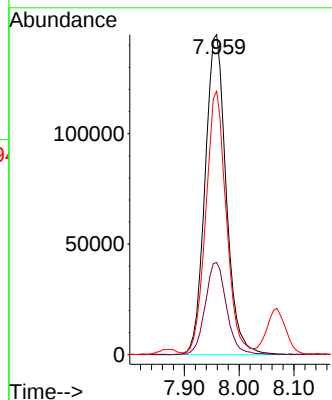
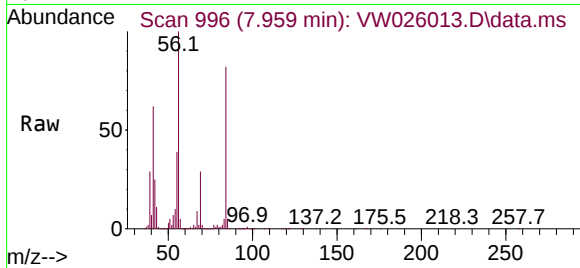




#29
Cyclohexane
Concen: 23.553 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

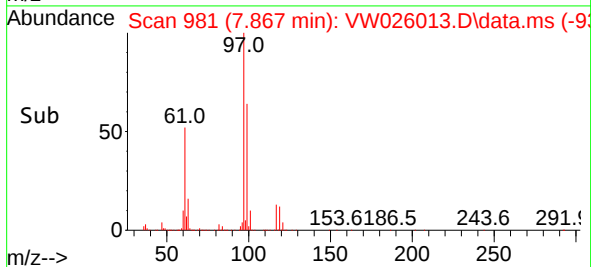
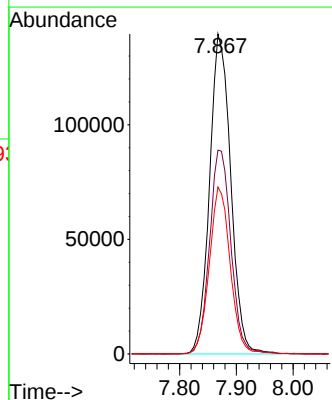
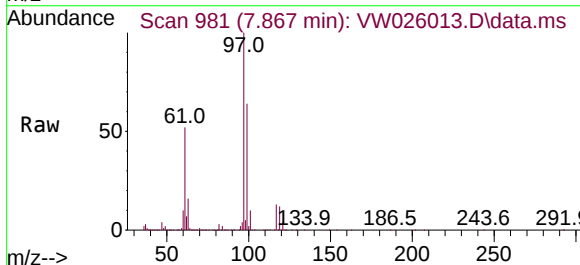
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

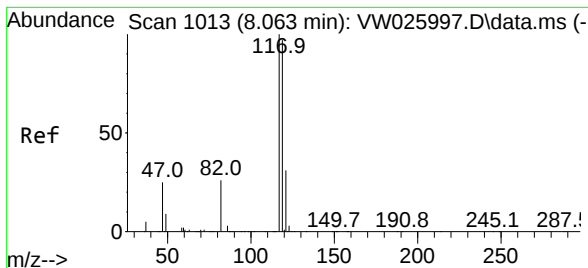
Tgt Ion: 56 Resp: 386539
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 79.9 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 27.970 ug/L
RT: 7.867 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 97 Resp: 362252
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 51.0 40.4 60.6





#31

Carbon tetrachloride

Concen: 24.608 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

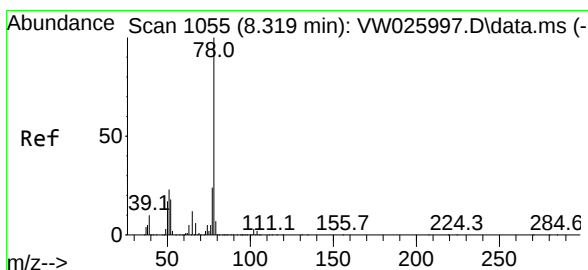
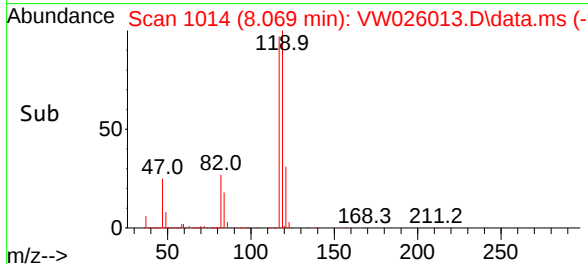
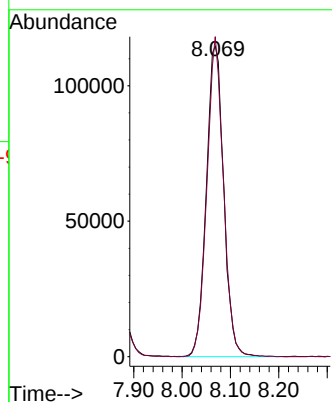
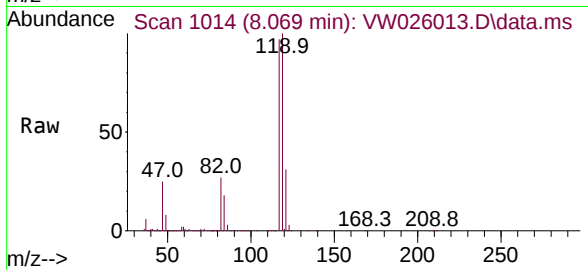
H0FJ2MSD

Tgt Ion:117 Resp: 286822

Ion Ratio Lower Upper

117 100

119 97.7 76.9 115.3



#33

Benzene

Concen: 28.051 ug/L

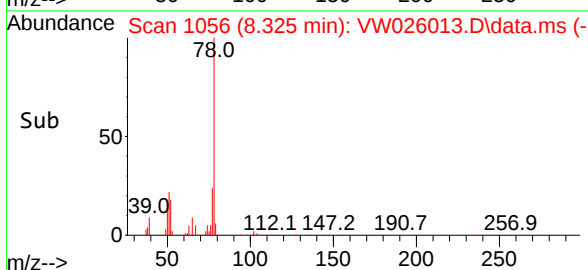
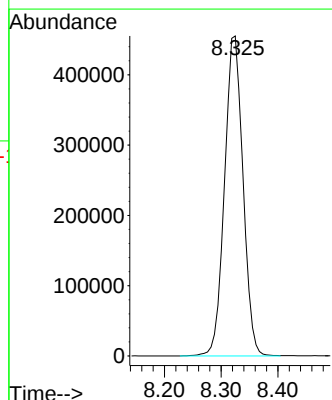
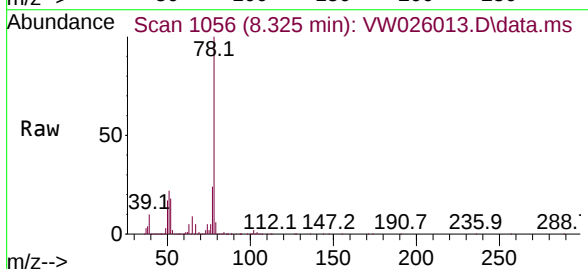
RT: 8.325 min Scan# 1056

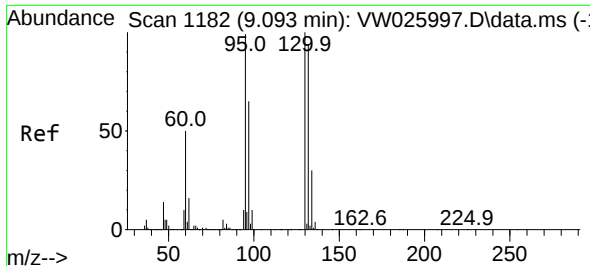
Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Tgt Ion: 78 Resp: 1027778

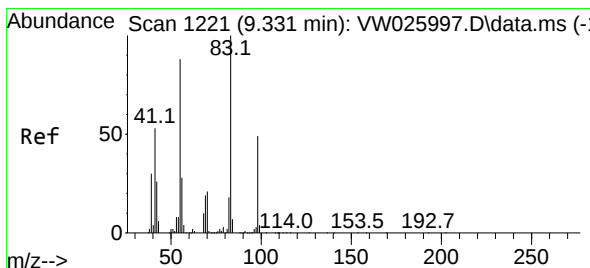
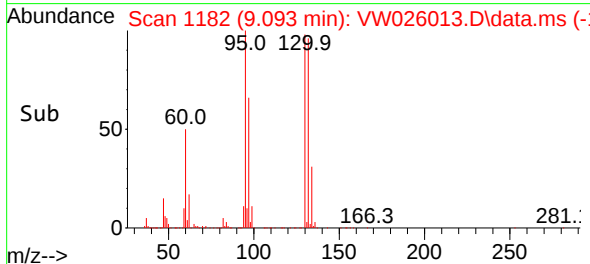
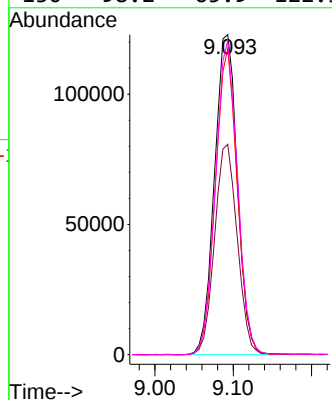
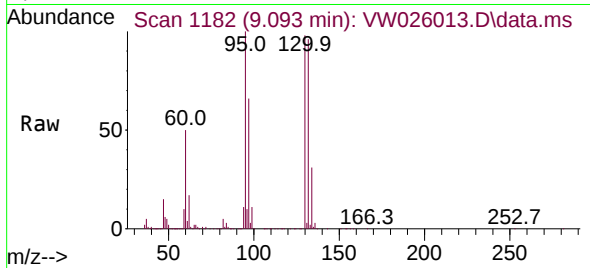




#34
 Trichloroethene
 Concen: 26.470 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW026013.D
 Acq: 19 May 2023 18:28

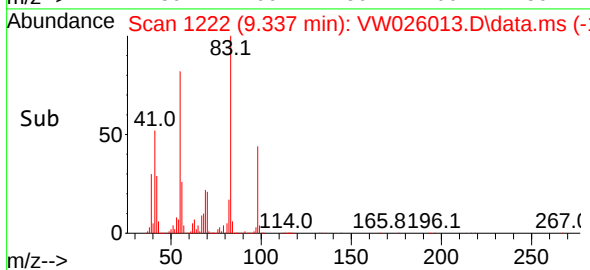
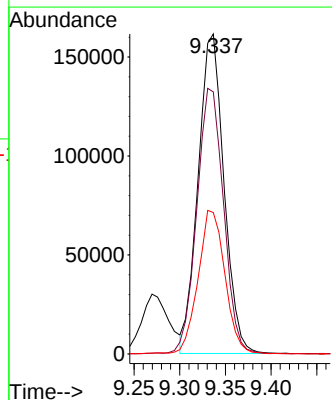
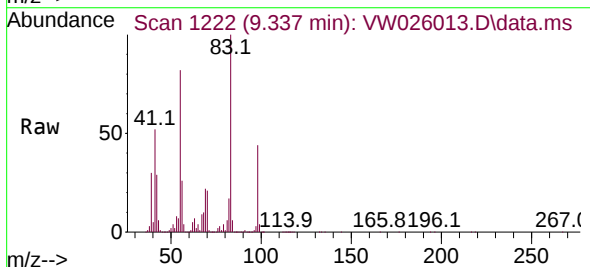
Instrument :
 MSVOA_W
 ClientSampleId :
 H0FJ2MSD

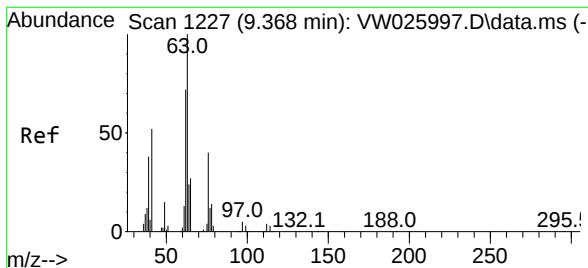
Tgt Ion: 95 Resp: 248873
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.9 85.3
 132 95.7 66.0 122.6
 130 98.2 65.9 122.3



#35
 Methylcyclohexane
 Concen: 18.985 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.006 min
 Lab File: VW026013.D
 Acq: 19 May 2023 18:28

Tgt Ion: 83 Resp: 317466
 Ion Ratio Lower Upper
 83 100
 55 86.1 69.0 103.4
 98 46.6 37.1 55.7

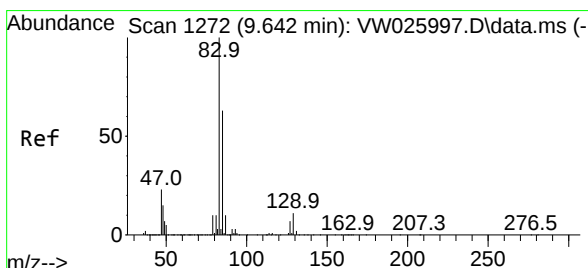
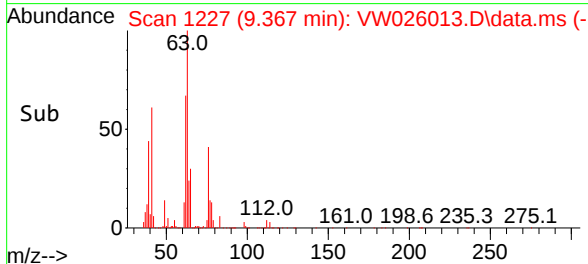
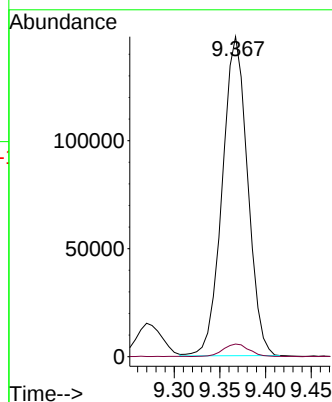
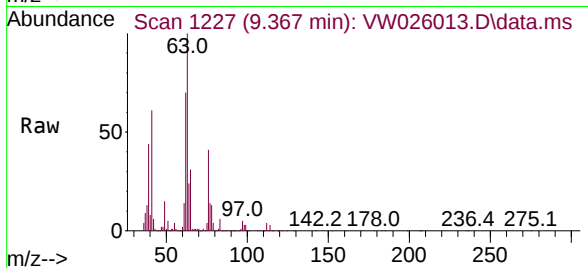




#37
1,2-Dichloropropane
Concen: 28.423 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

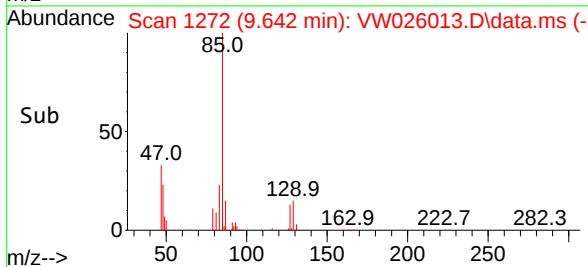
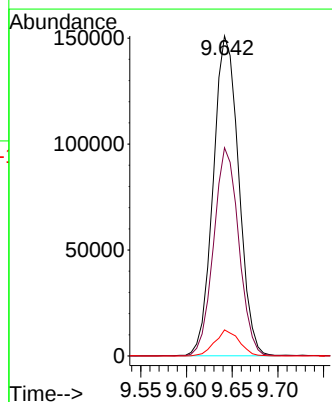
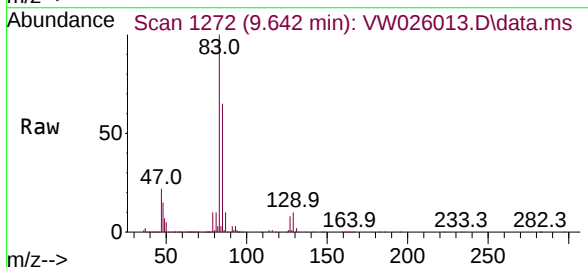
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

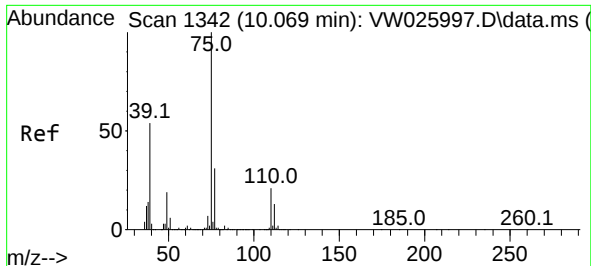
Tgt Ion: 63 Resp: 285319
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 25.405 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 83 Resp: 292581
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5
127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 20.769 ug/L

RT: 10.074 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

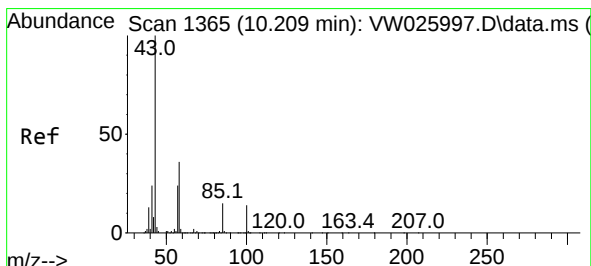
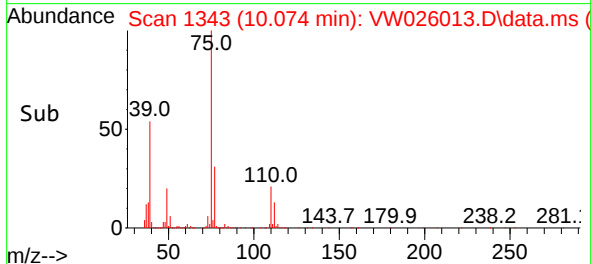
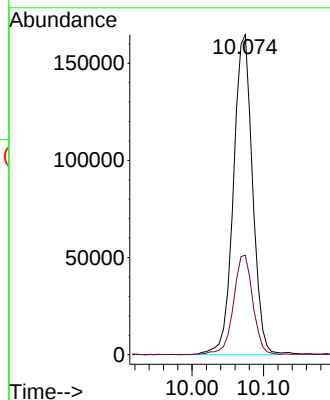
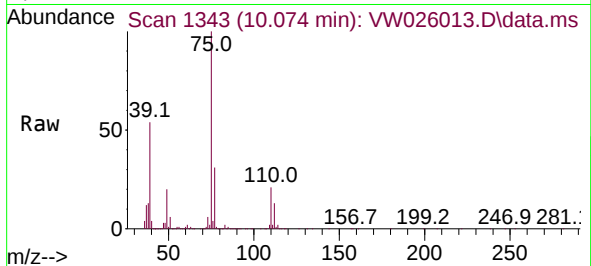
H0FJ2MSD

Tgt Ion: 75 Resp: 305750

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.938 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

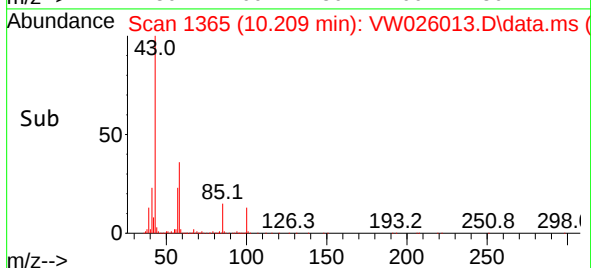
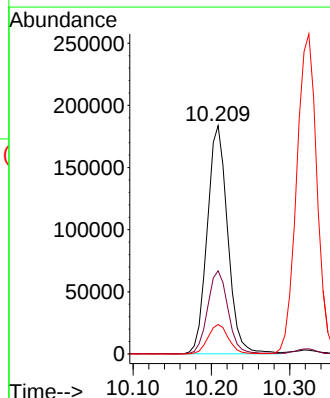
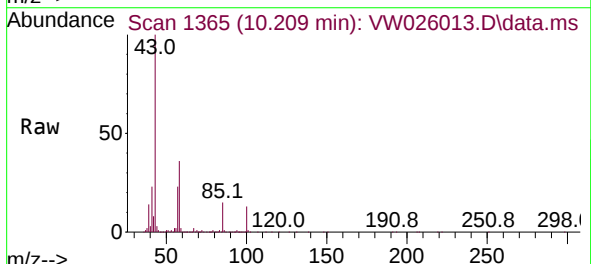
Tgt Ion: 43 Resp: 332833

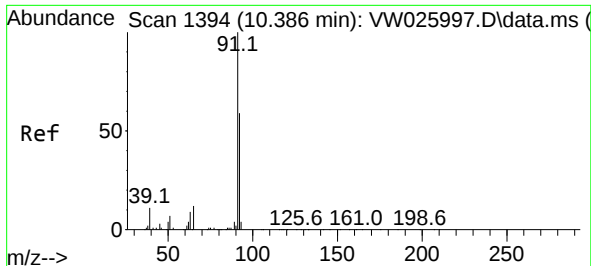
Ion Ratio Lower Upper

43 100

58 36.2 29.4 44.0

100 12.9 10.1 15.1

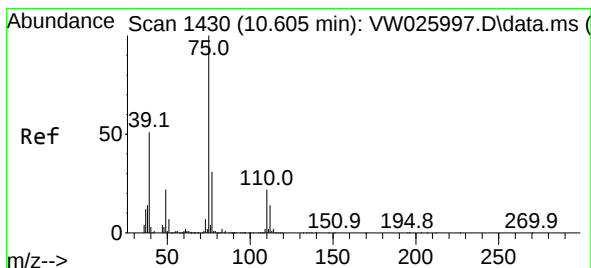
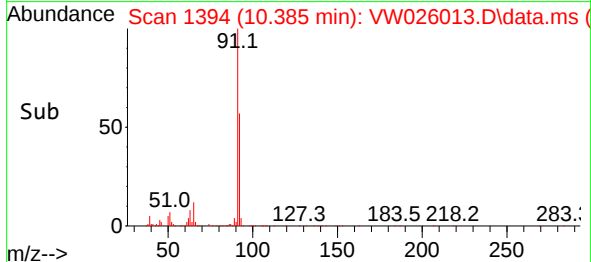
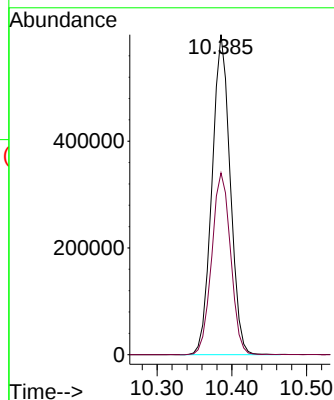
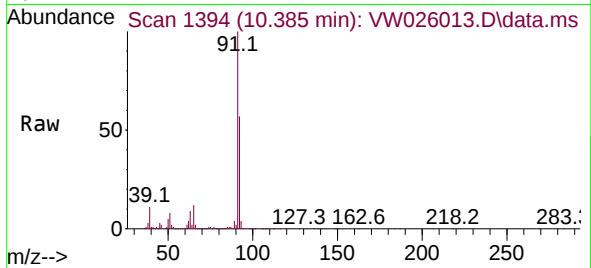




#42
Toluene
Concen: 27.123 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

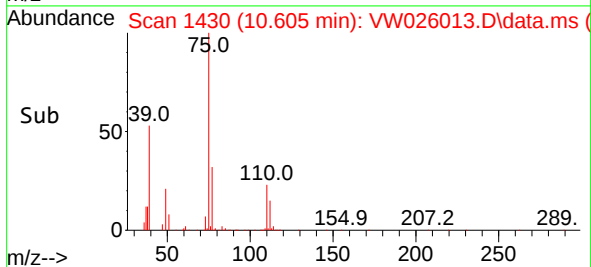
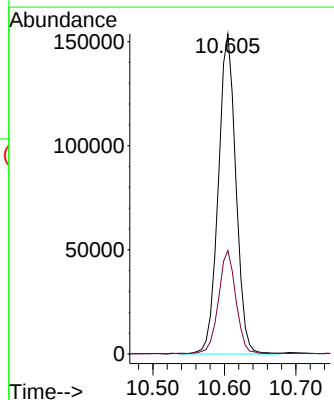
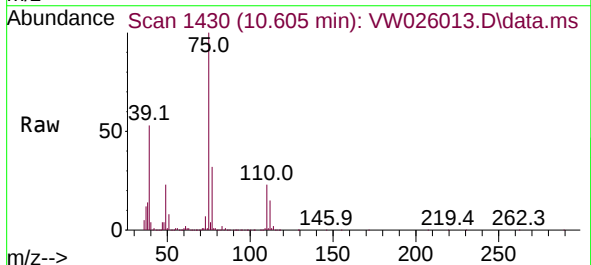
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

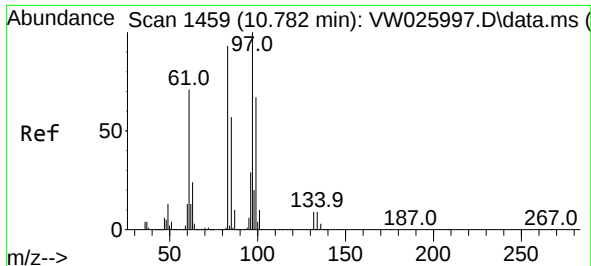
Tgt Ion: 91 Resp: 1015415
Ion Ratio Lower Upper
91 100
92 56.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 21.528 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 75 Resp: 262602
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4



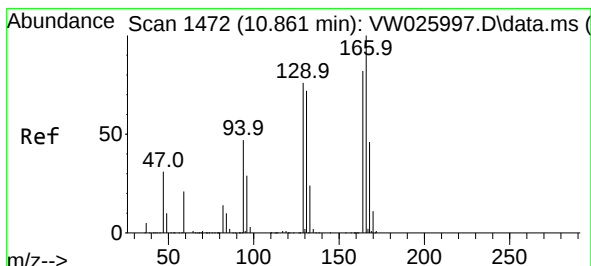
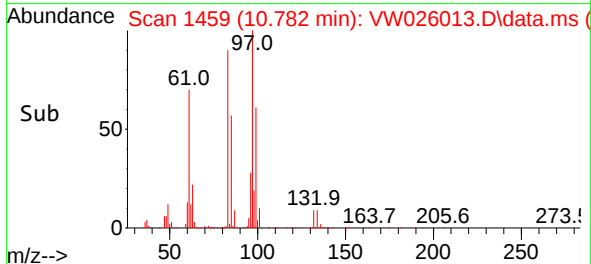
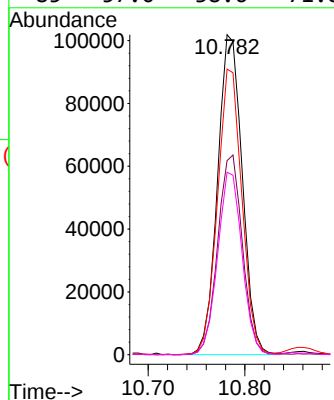
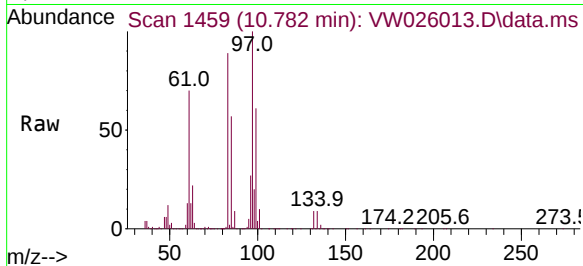


#45
1,1,2-Trichloroethane
Concen: 26.920 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

Tgt Ion: 97 Resp: 180771

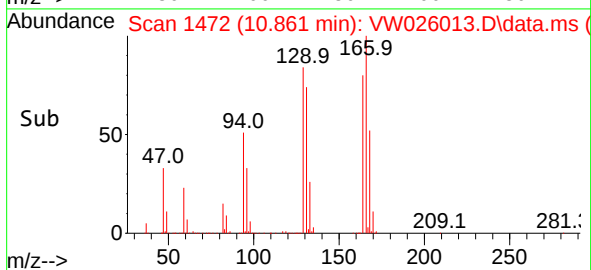
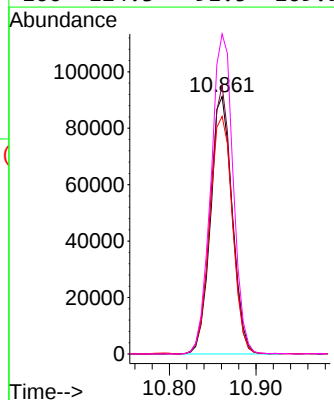
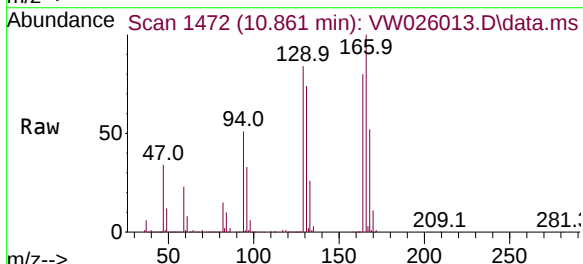
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.5	82.7
83	89.3	63.0	117.0
85	57.0	38.6	71.8

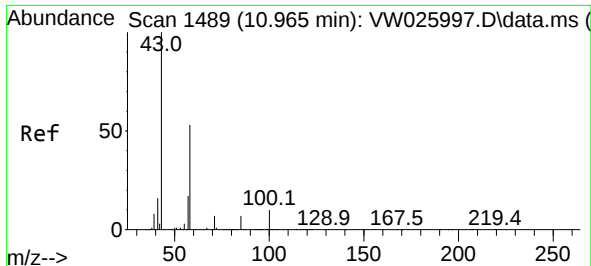


#46
Tetrachloroethene
Concen: 23.975 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 164 Resp: 158579

Ion	Ratio	Lower	Upper
164	100		
129	104.4	74.3	138.1
131	92.3	71.3	132.3
166	124.3	91.5	169.9

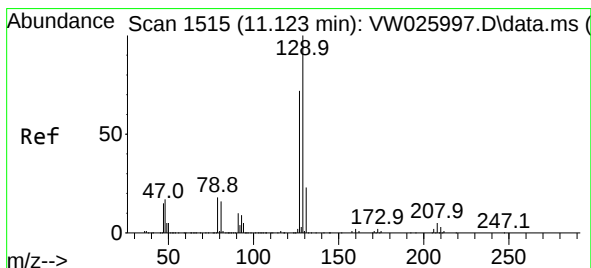
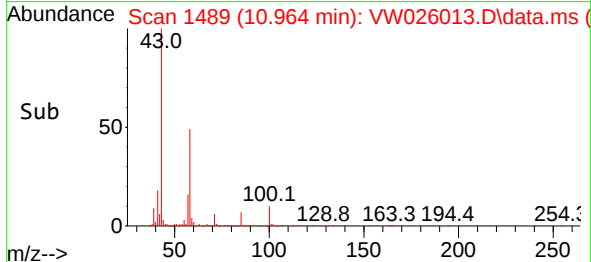
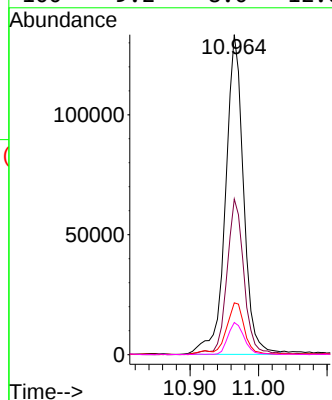
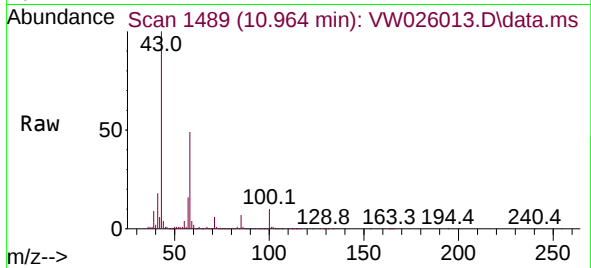




#48
2-Hexanone
Concen: 52.079 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

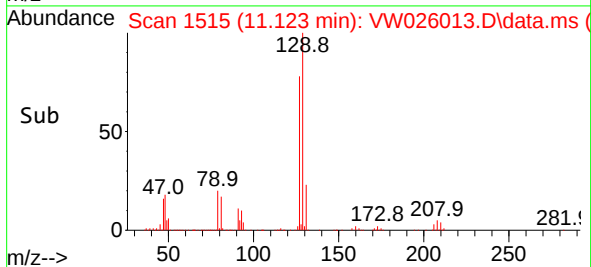
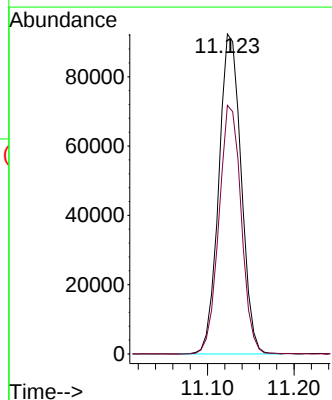
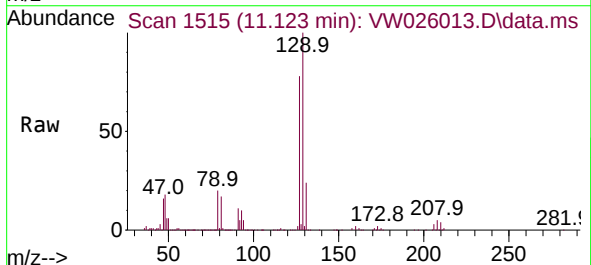
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

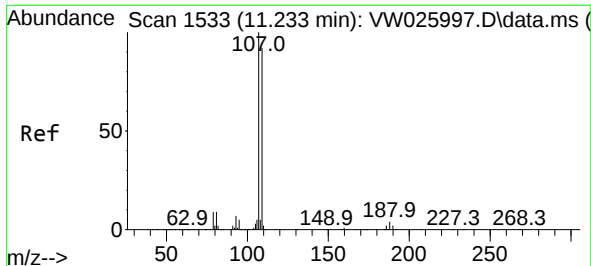
Tgt Ion: 43 Resp: 243776
Ion Ratio Lower Upper
43 100
58 44.9 40.8 61.2
57 15.5 13.6 20.4
100 9.2 8.0 12.0



#49
Dibromochloromethane
Concen: 23.864 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion: 129 Resp: 165903
Ion Ratio Lower Upper
129 100
127 77.7 56.1 104.3

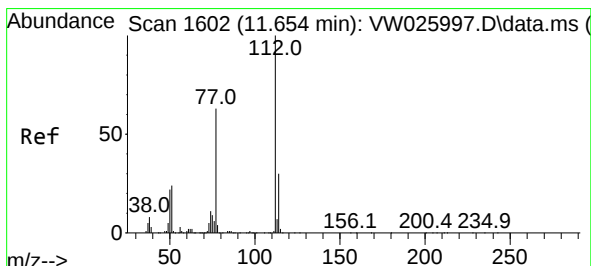
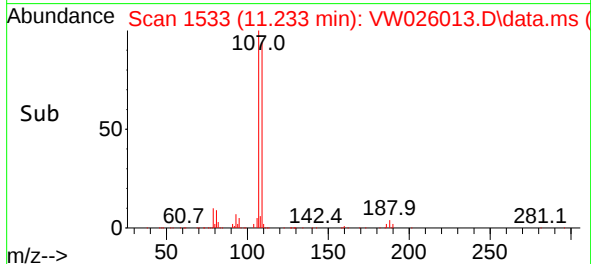
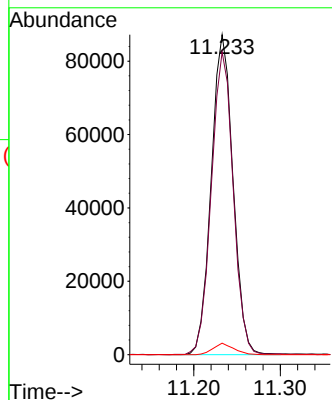
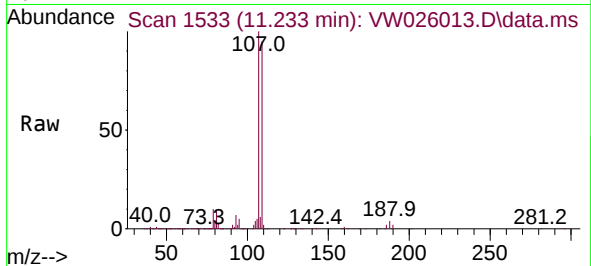




#50
1,2-Dibromoethane
Concen: 24.590 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

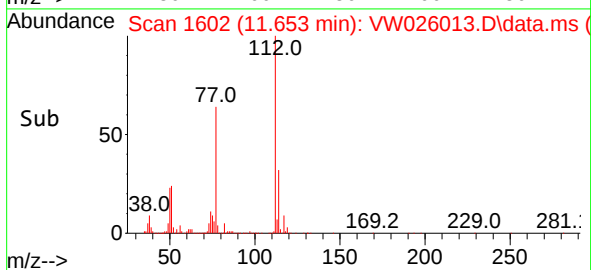
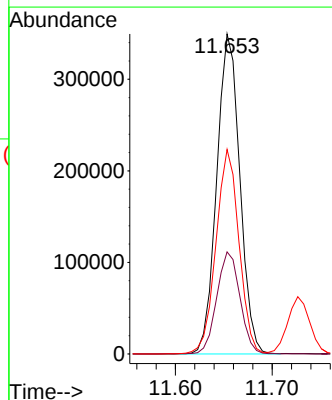
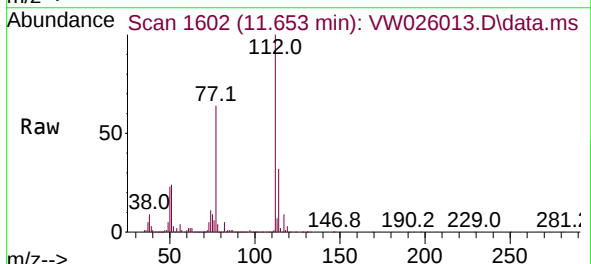
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

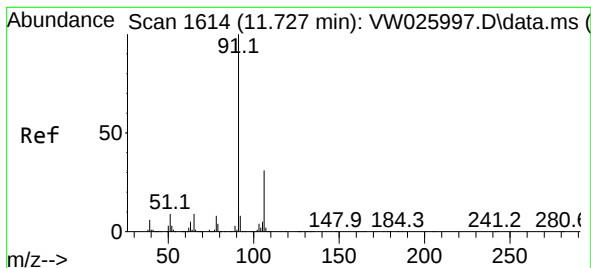
Tgt Ion:107 Resp: 152221
Ion Ratio Lower Upper
107 100
109 94.6 67.5 125.4
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 24.976 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion:112 Resp: 579254
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 63.9 53.0 79.6

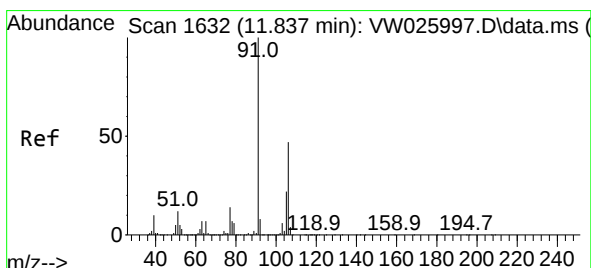
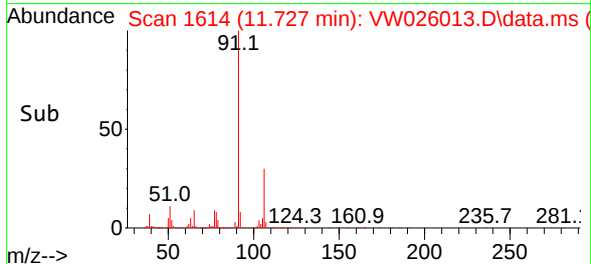
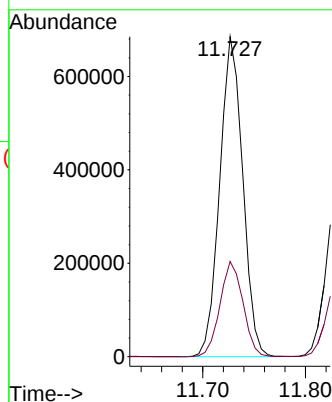
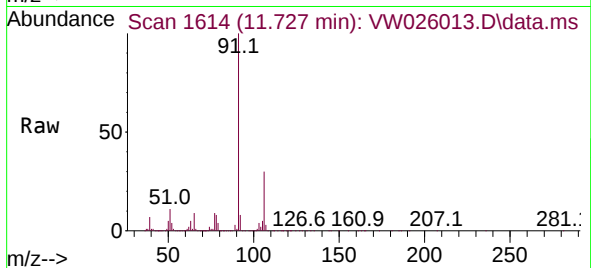




#52
Ethylbenzene
Concen: 25.277 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

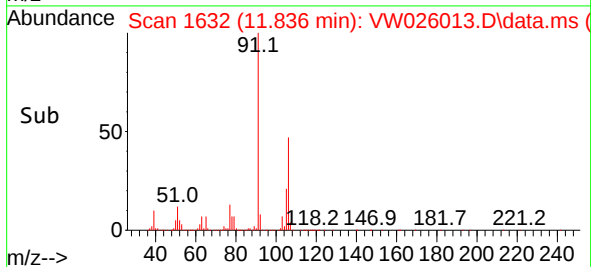
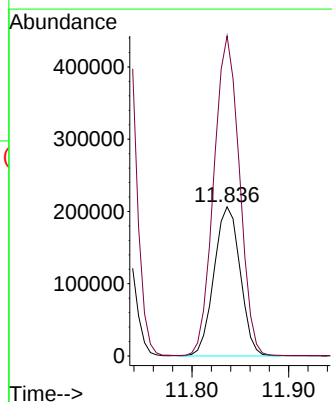
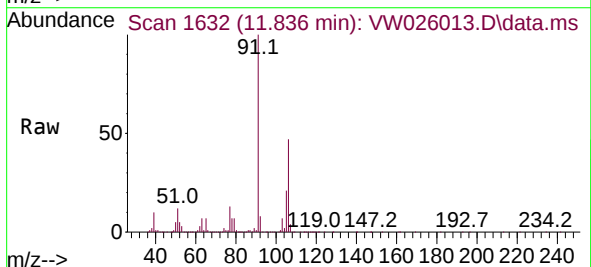
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

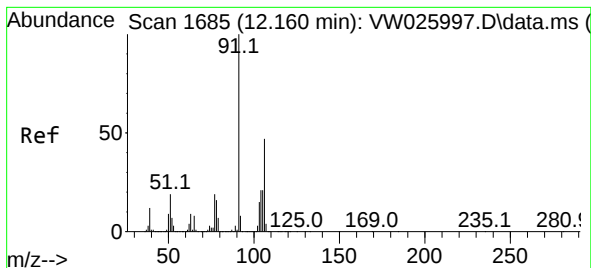
Tgt Ion: 91 Resp: 1064473
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 24.996 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion:106 Resp: 387430
Ion Ratio Lower Upper
106 100
91 214.6 150.1 278.9

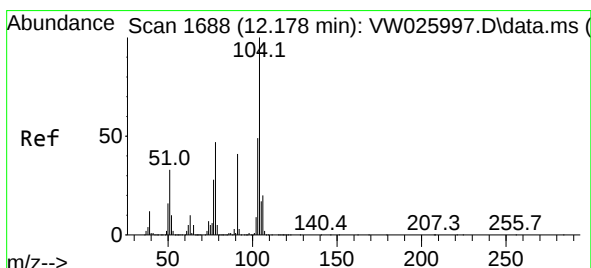
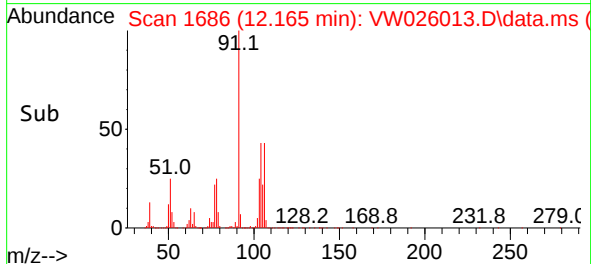
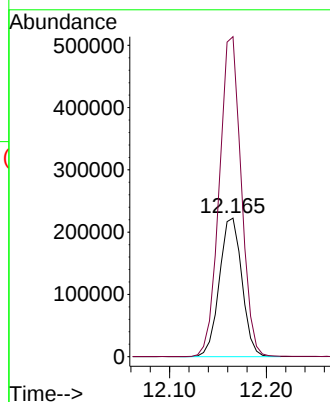
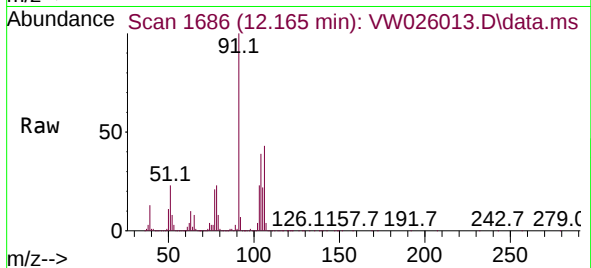




#54
o-Xylene
Concen: 24.595 ug/L
RT: 12.165 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

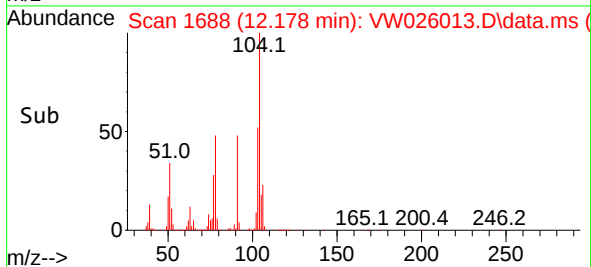
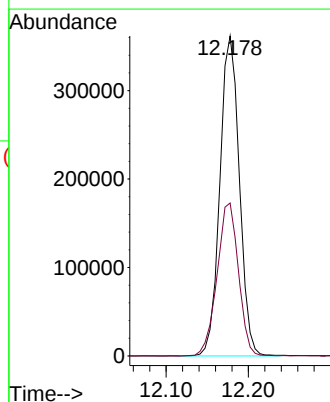
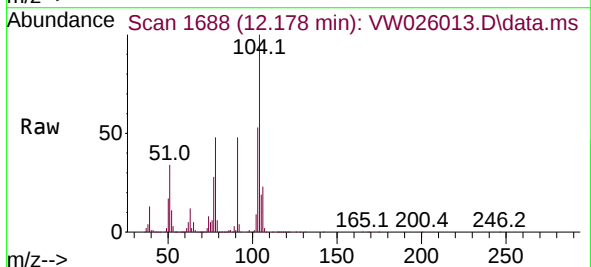
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

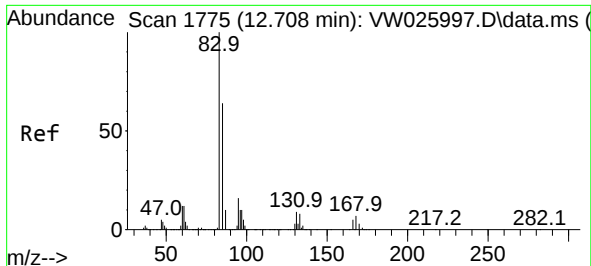
Tgt Ion:106 Resp: 359314
Ion Ratio Lower Upper
106 100
91 230.9 157.8 293.1



#55
Styrene
Concen: 23.818 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion:104 Resp: 595553
Ion Ratio Lower Upper
104 100
78 47.8 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.432 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

H0FJ2MSD

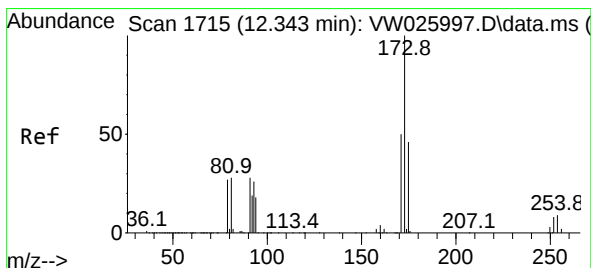
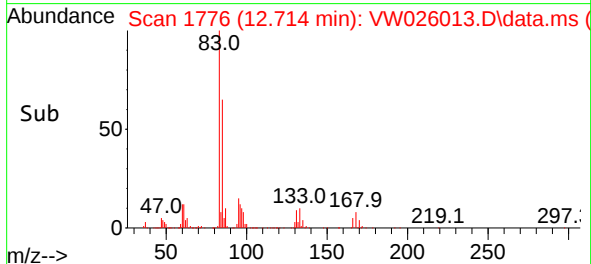
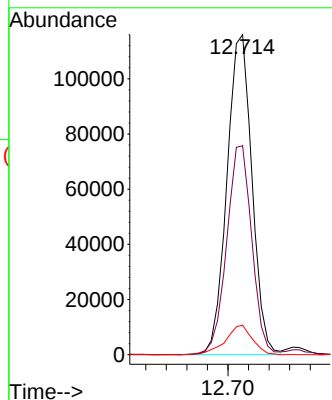
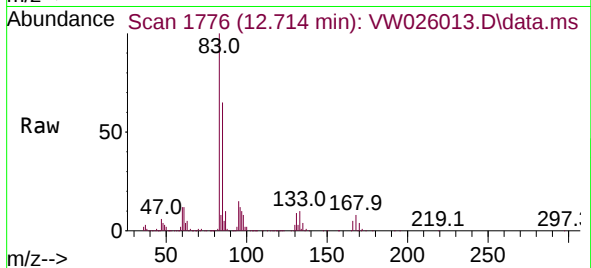
Tgt Ion: 83 Resp: 196329

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.8

131 9.3 8.1 12.1



#59

Bromoform

Concen: 28.583 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

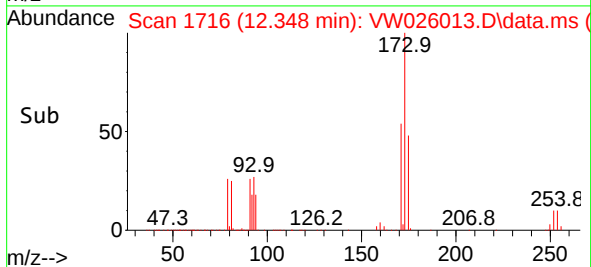
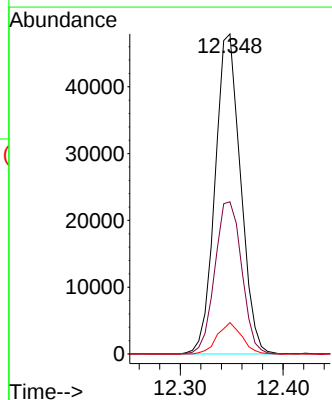
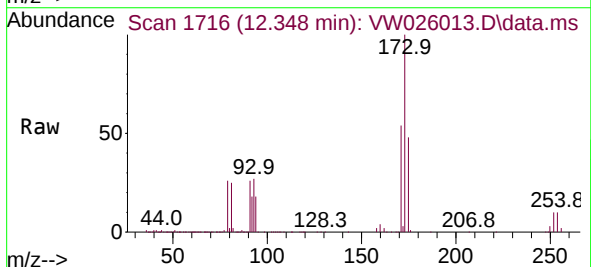
Tgt Ion: 173 Resp: 82544

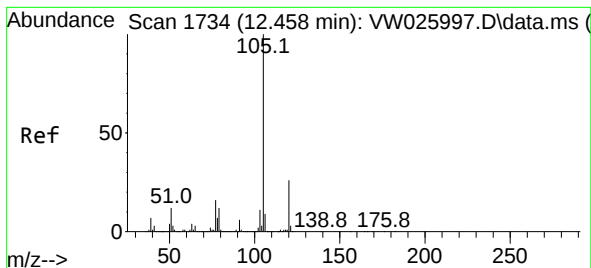
Ion Ratio Lower Upper

173 100

175 50.2 38.6 57.8

254 9.4 7.6 11.4





#60

Isopropylbenzene

Concen: 31.595 ug/L

RT: 12.464 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

H0FJ2MSD

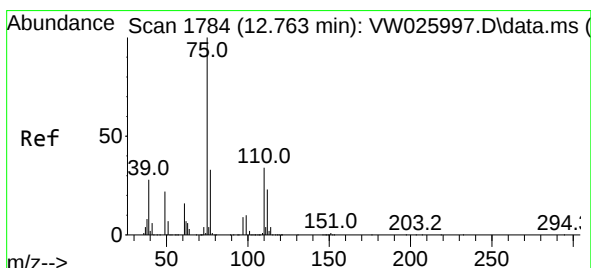
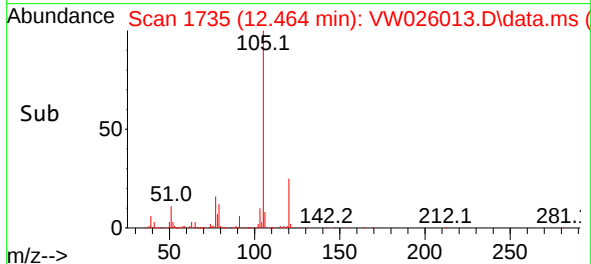
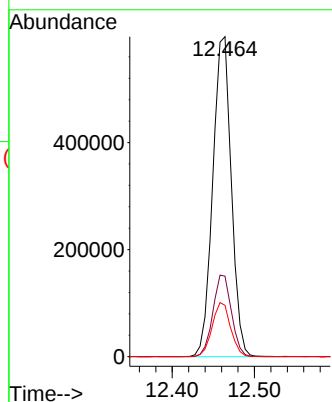
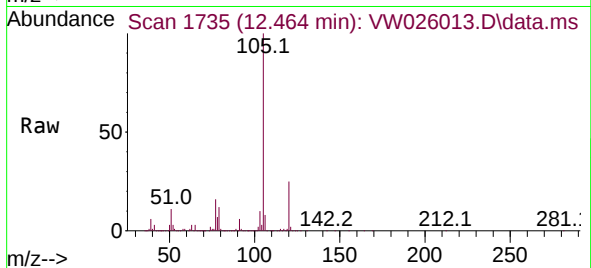
Tgt Ion:105 Resp: 936330

Ion Ratio Lower Upper

105 100

120 25.6 21.1 31.7

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 32.868 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

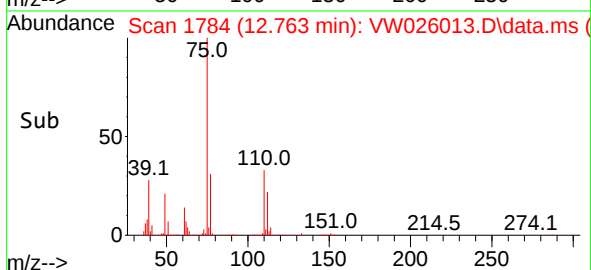
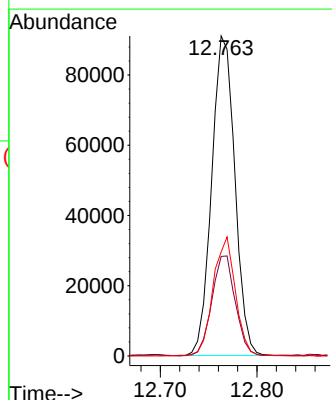
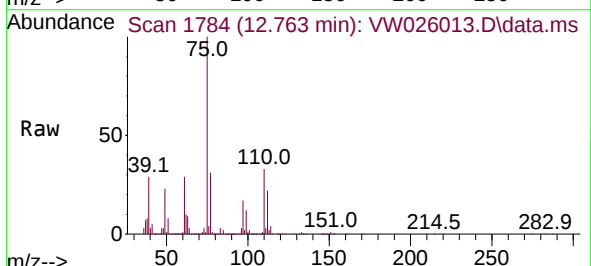
Tgt Ion: 75 Resp: 151447

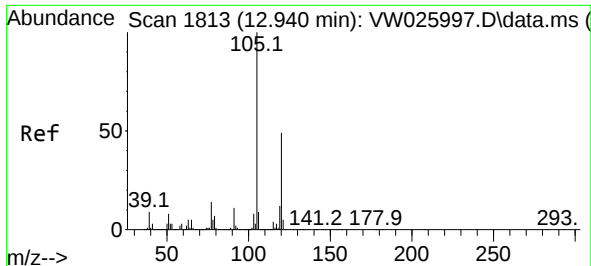
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 35.9 27.6 41.4

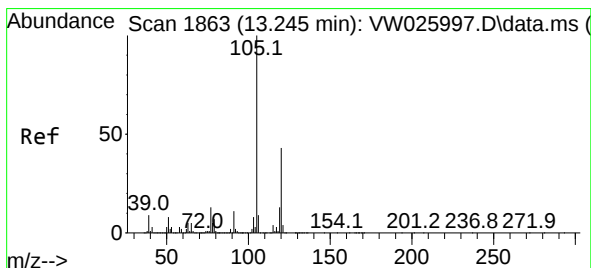
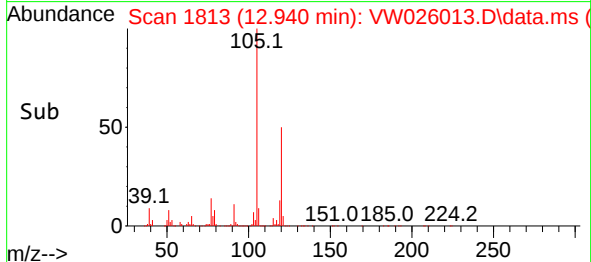
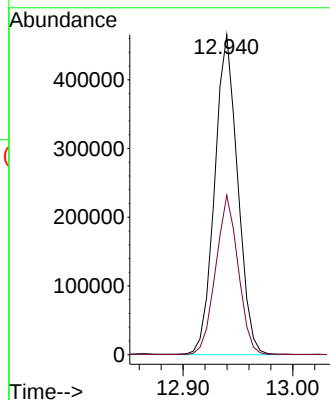
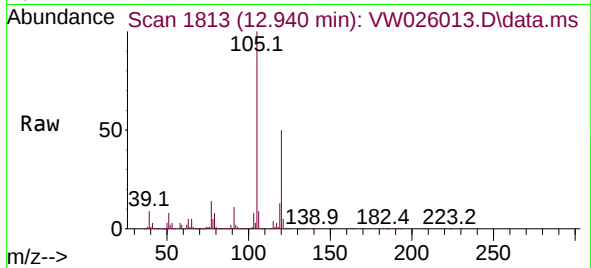




#62
1,3,5-Trimethylbenzene
Concen: 28.924 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

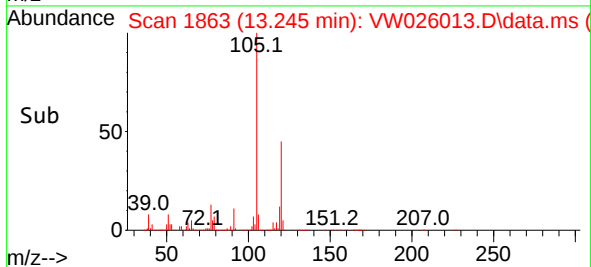
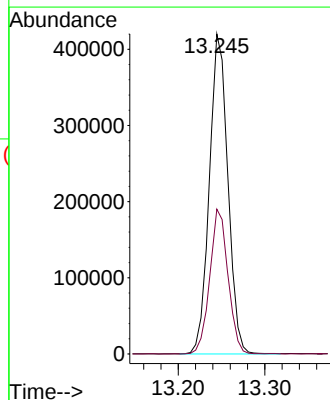
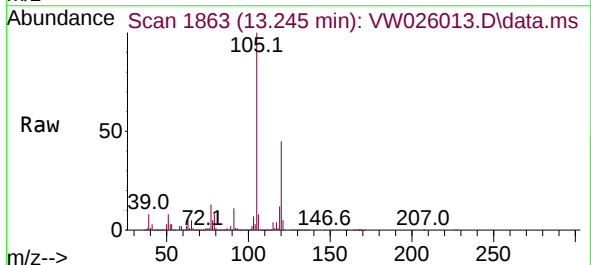
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

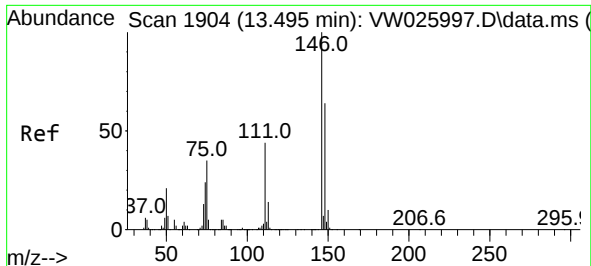
Tgt Ion:105 Resp: 678928
Ion Ratio Lower Upper
105 100
120 48.6 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 28.811 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion:105 Resp: 624070
Ion Ratio Lower Upper
105 100
120 44.6 34.7 52.1

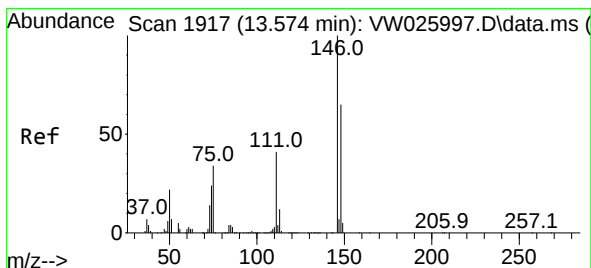
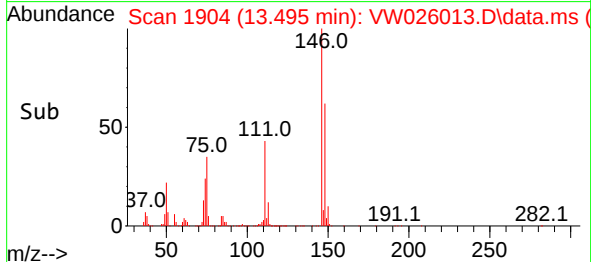
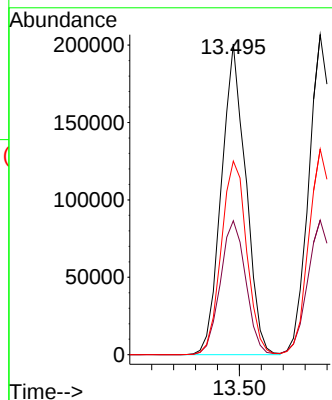
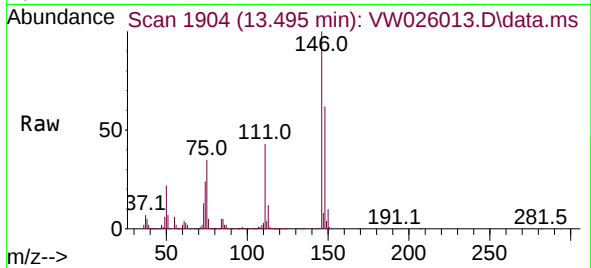




#64
1,3-Dichlorobenzene
Concen: 24.284 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

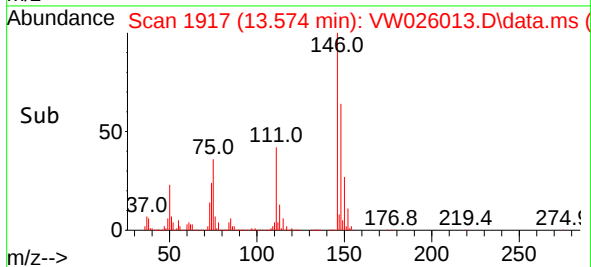
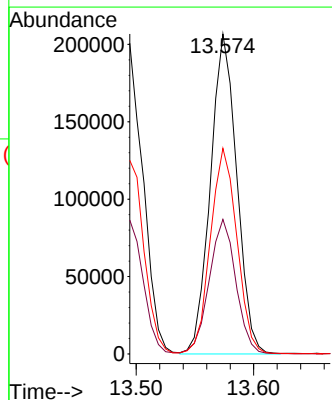
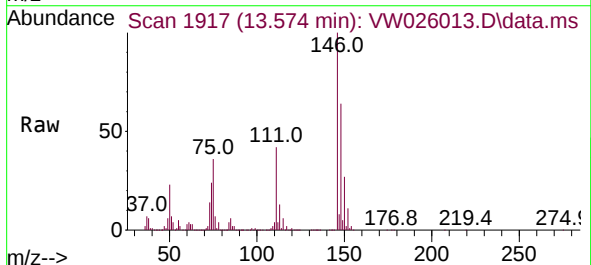
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MSD

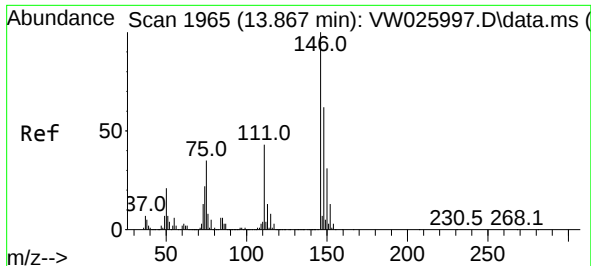
Tgt Ion:146 Resp: 309804
Ion Ratio Lower Upper
146 100
111 43.1 30.4 56.4
148 62.3 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 24.998 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026013.D
Acq: 19 May 2023 18:28

Tgt Ion:146 Resp: 322201
Ion Ratio Lower Upper
146 100
111 42.0 27.9 51.9
148 64.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.593 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

H0FJ2MSD

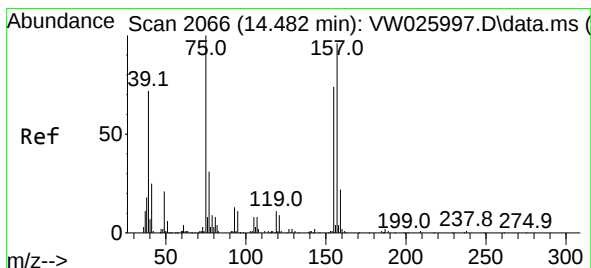
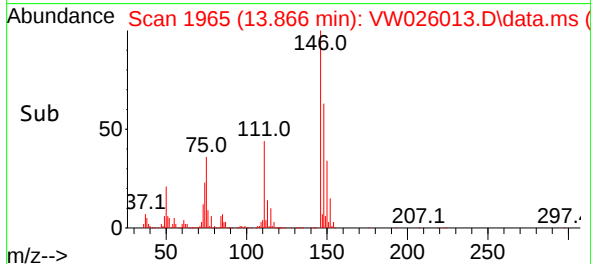
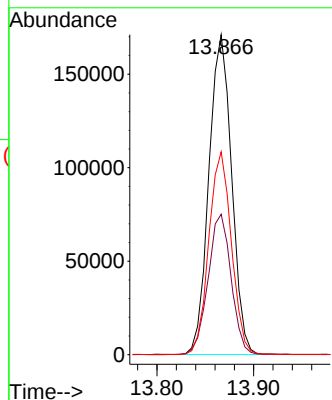
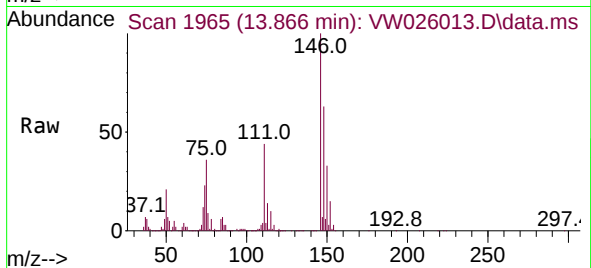
Tgt Ion:146 Resp: 279811

Ion Ratio Lower Upper

146 100

111 43.9 37.7 56.5

148 63.4 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.440 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

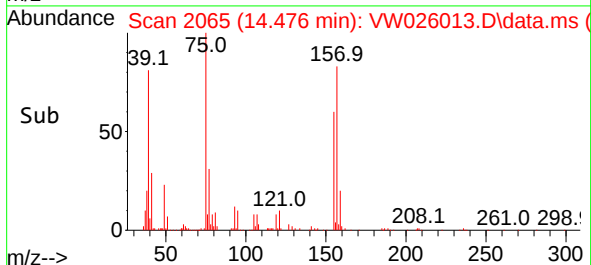
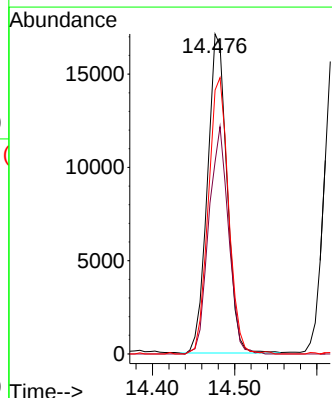
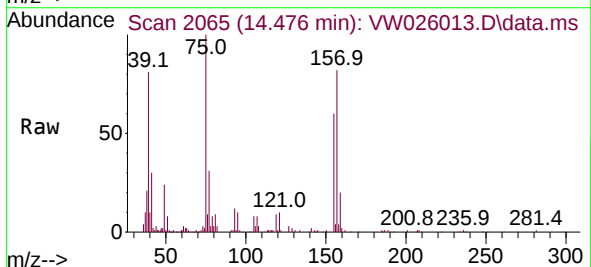
Tgt Ion: 75 Resp: 28250

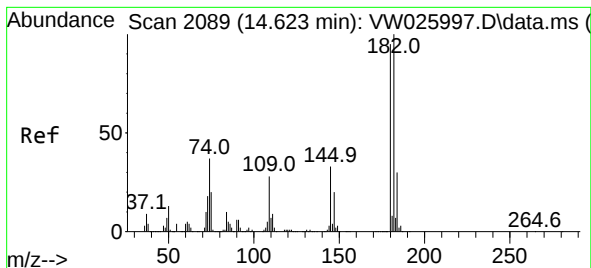
Ion Ratio Lower Upper

75 100

155 60.1 56.3 84.5

157 82.5 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 16.917 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

H0FJ2MSD

Tgt Ion:180 Resp: 143257

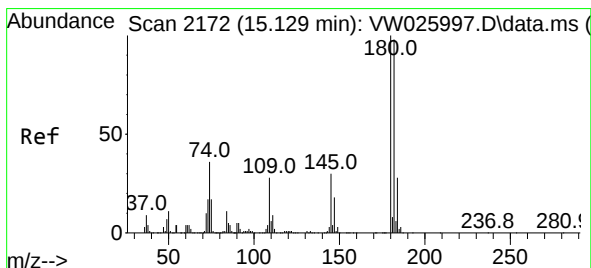
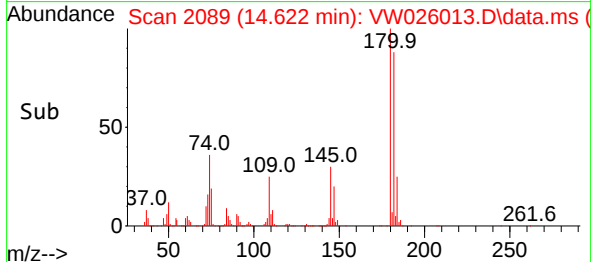
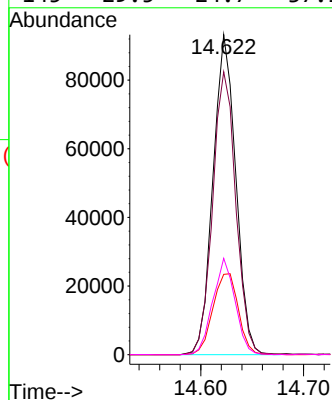
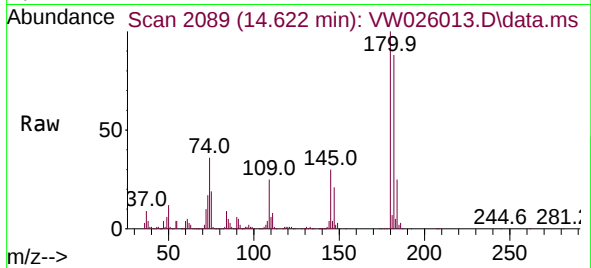
Ion Ratio Lower Upper

180 100

182 89.9 77.4 116.0

184 28.4 24.7 37.1

145 29.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 13.712 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

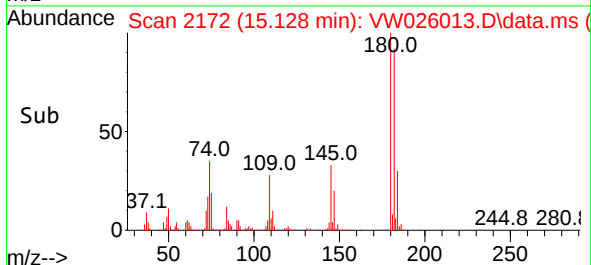
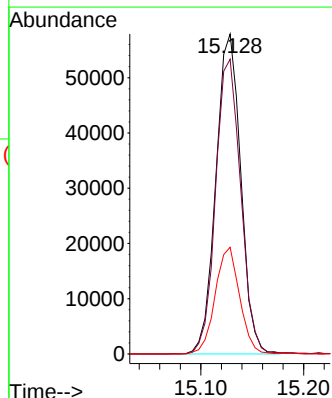
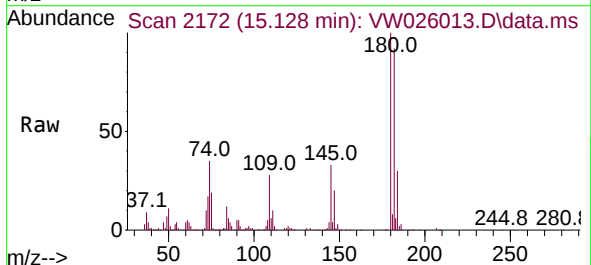
Tgt Ion:180 Resp: 97278

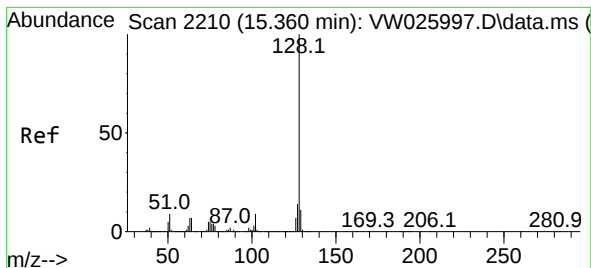
Ion Ratio Lower Upper

180 100

182 92.9 74.3 111.5

145 32.8 25.4 38.0





#71

Naphthalene

Concen: 16.120 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Instrument :

MSVOA_W

ClientSampleId :

H0FJ2MSD

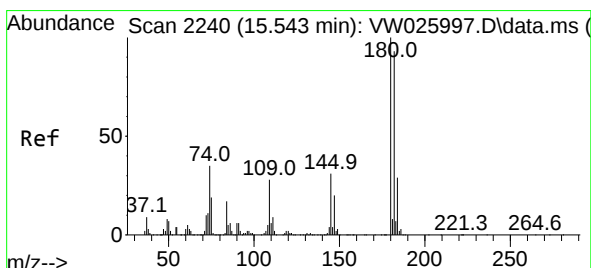
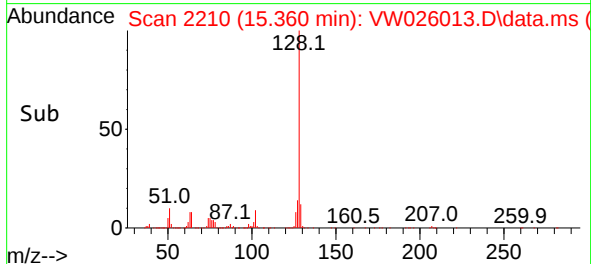
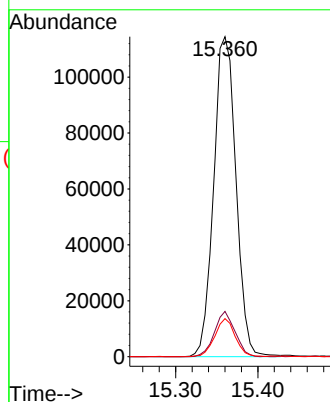
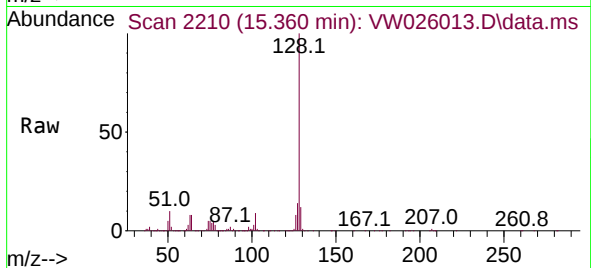
Tgt Ion:128 Resp: 215851

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 12.954 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026013.D

Acq: 19 May 2023 18:28

Tgt Ion:180 Resp: 81545

Ion Ratio Lower Upper

180 100

182 92.4 76.1 114.1

145 33.8 28.0 42.0

