

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026443.D
 Acq On : 29 Jun 2023 19:38
 Operator : SY/MD
 Sample : 03421-23MSD
 Misc : 5.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MSD

Quant Time: Jun 30 01:21:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	932966	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	686900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	202974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	304055	28.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.480%	
7) Chloroethane-d5	2.893	69	234978	27.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.680%	
11) 1,1-Dichloroethene-d2	4.021	65	148880	28.011	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.040%#	
21) 2-Butanone-d5	7.075	46	221921	55.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.560%	
24) Chloroform-d	7.648	84	590241	25.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.840%	
26) 1,2-Dichloroethane-d4	8.307	65	320609	25.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.160%	
32) Benzene-d6	8.276	84	1198226	29.994	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 119.960%	
36) 1,2-Dichloropropane-d6	9.276	67	384616	30.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 120.840%#	
41) Toluene-d8	10.325	98	978487	27.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 110.920%	
43) trans-1,3-Dichloroprop...	10.575	79	139869	27.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.000%	
47) 2-Hexanone-d5	10.922	63	150330	70.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 141.200%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	257514	26.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.760%	
66) 1,2-Dichlorobenzene-d4	13.848	152	165632	23.435	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	234447	25.752	ug/L #	82
3) Chloromethane	2.228	50	361769	28.190	ug/L	98
5) Vinyl chloride	2.375	62	355443	26.874	ug/L	99
6) Bromomethane	2.783	94	186426	24.785	ug/L	96
8) Chloroethane	2.930	64	209376	26.101	ug/L	100
9) Trichlorofluoromethane	3.265	101	270555	28.132	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	244002	22.858	ug/L	98
12) 1,1-Dichloroethene	4.045	96	274487	26.272	ug/L	99
13) Acetone	4.118	43	439137	154.846	ug/L	98
14) Carbon disulfide	4.393	76	834999	24.695	ug/L	100
15) Methyl Acetate	4.673	43	180998	29.393	ug/L	100
16) Methylene chloride	4.917	84	310365	19.687	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	292346	26.012	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	523110	28.481	ug/L	99
19) 1,1-Dichloroethane	6.216	63	605011	26.753	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	323626	25.422	ug/L	98
22) 2-Butanone	7.167	43	370895	79.770	ug/L	98
23) Bromochloromethane	7.514	128	134912	25.482	ug/L	93
25) Chloroform	7.679	83	540674	24.633	ug/L	98

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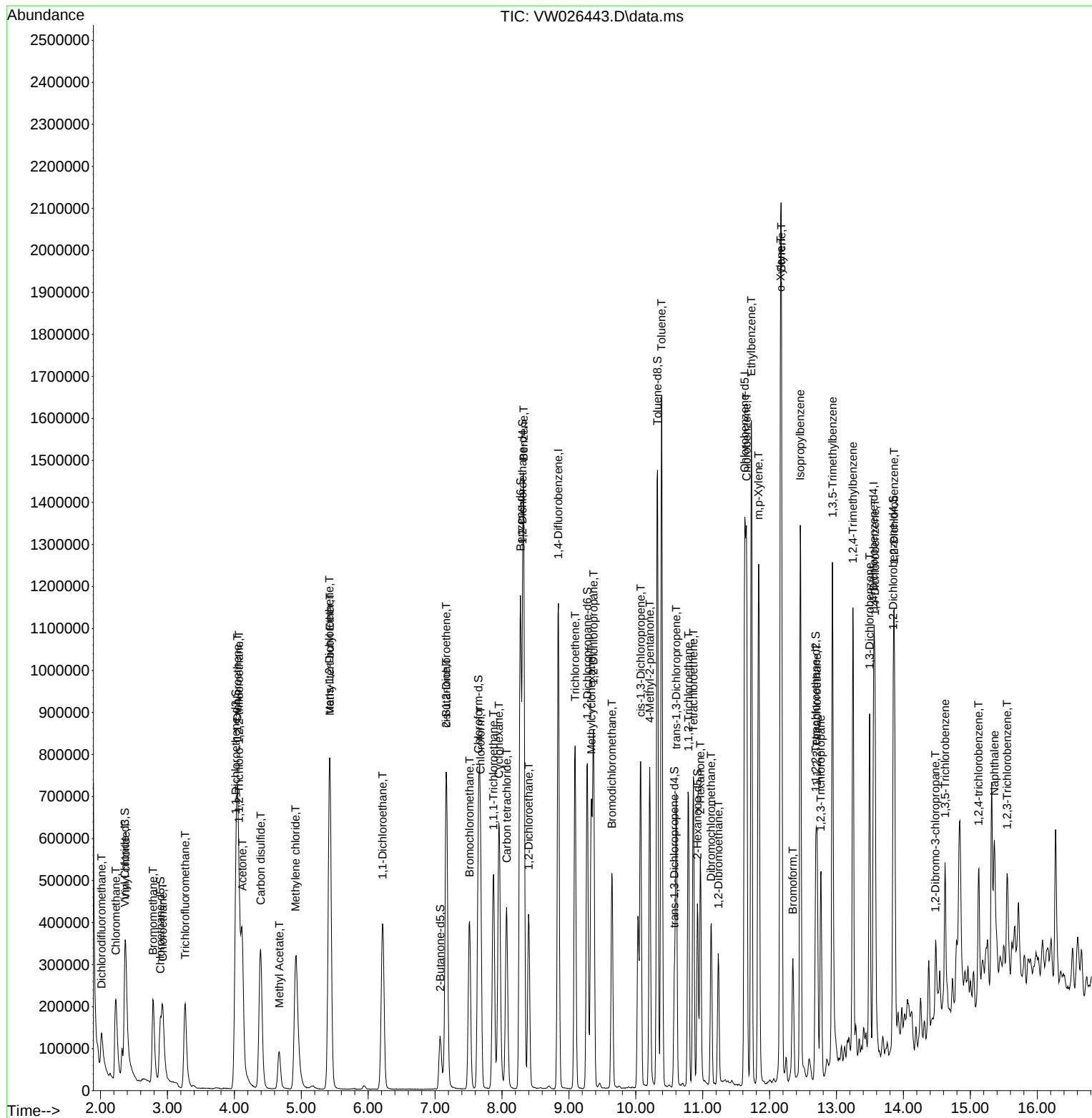
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	375805	25.040	ug/L	100
29) Cyclohexane	7.953	56	397875	20.432	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	421027	28.773	ug/L	99
31) Carbon tetrachloride	8.069	117	332184	25.215	ug/L	100
33) Benzene	8.325	78	1237797	28.776	ug/L	100
34) Trichloroethene	9.093	95	292920	26.732	ug/L	95
35) Methylcyclohexane	9.337	83	260933	13.367	ug/L	99
37) 1,2-Dichloropropane	9.367	63	330633	28.954	ug/L	100
38) Bromodichloromethane	9.642	83	349157	27.242	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	475196	27.803	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	532210	67.880	ug/L	100
42) Toluene	10.386	91	1161595	26.395	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	377989	27.060	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	220822	28.388	ug/L	96
46) Tetrachloroethene	10.861	164	157906	20.383	ug/L	91
48) 2-Hexanone	10.965	43	354337	67.331	ug/L	97
49) Dibromochloromethane	11.123	129	205248	26.491	ug/L	97
50) 1,2-Dibromoethane	11.233	107	203877	28.503	ug/L	96
51) Chlorobenzene	11.654	112	634723	23.310	ug/L	98
52) Ethylbenzene	11.727	91	1104995	22.313	ug/L	100
53) m,p-Xylene	11.837	106	384640	20.946	ug/L	96
54) o-Xylene	12.166	106	370612	21.761	ug/L	90
55) Styrene	12.178	104	618431	21.273	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	246207	25.921	ug/L	99
59) Bromoform	12.349	173	108191	40.256	ug/L	99
60) Isopropylbenzene	12.458	105	832020	28.104	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	193414	43.597	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	587136	24.940	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	583045	25.351	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	290632	23.398	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	293812	23.783	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	253242	22.529	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	37234	36.626	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	99925	11.817	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	88273	12.062	ug/L #	94
71) Naphthalene	15.360	128	308249	20.663	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	73874	11.738	ug/L	97

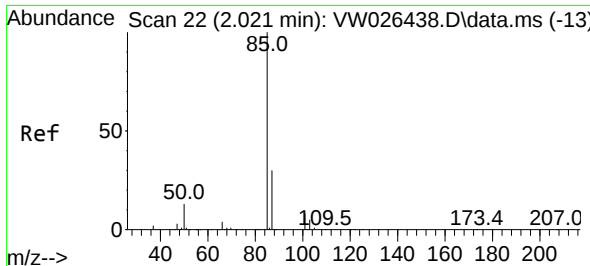
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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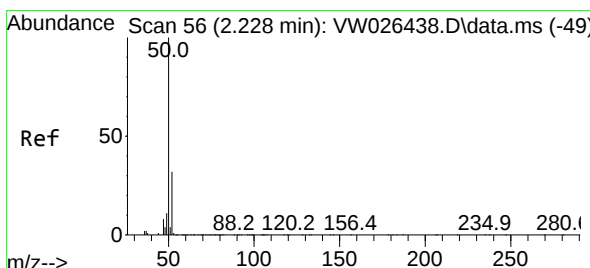
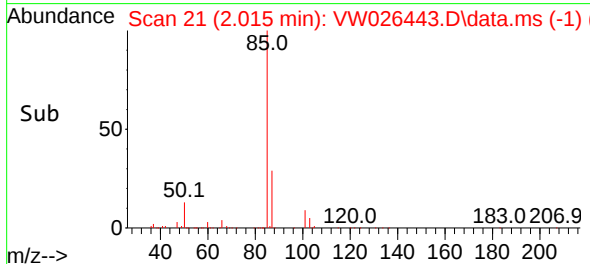
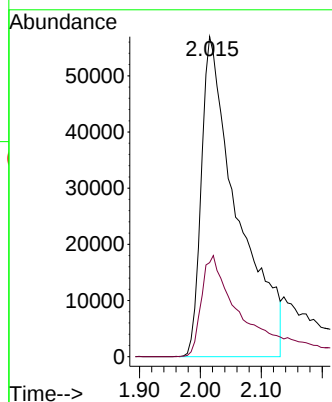
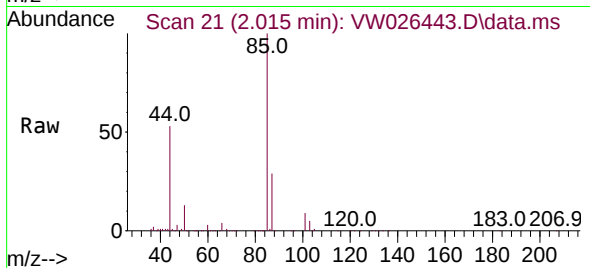




#2
 Dichlorodifluoromethane
 Concen: 25.752 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026443.D
 Acq: 29 Jun 2023 19:38

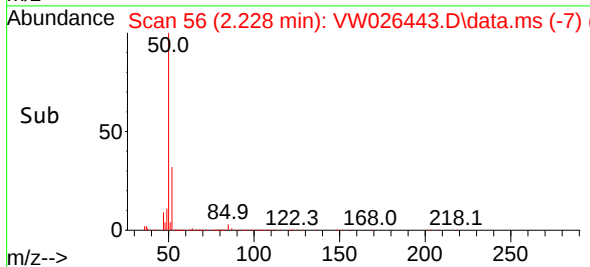
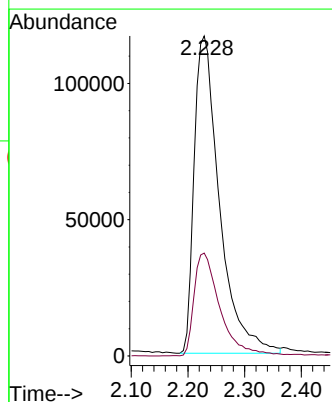
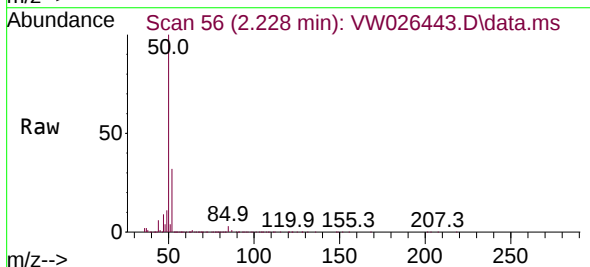
Instrument :
 MSVOA_W
 ClientSampleId :
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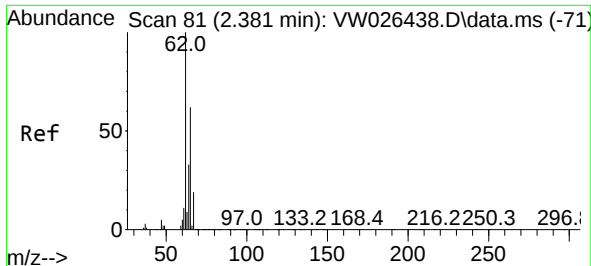
Tgt Ion: 85 Resp: 234447
 Ion Ratio Lower Upper
 85 100
 87 32.5 19.0 28.4#



#3
 Chloromethane
 Concen: 28.190 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026443.D
 Acq: 29 Jun 2023 19:38

Tgt Ion: 50 Resp: 361769
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.7 40.3

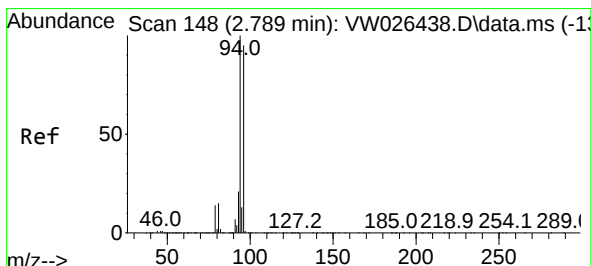
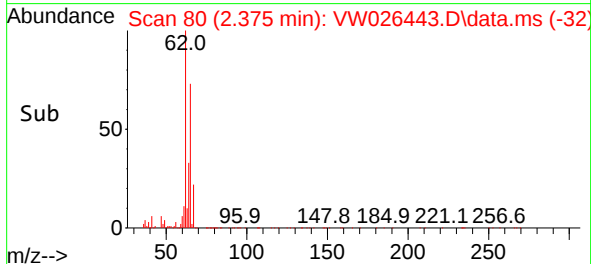
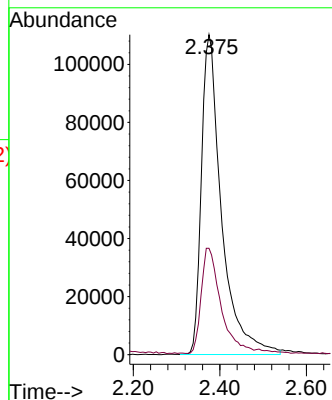
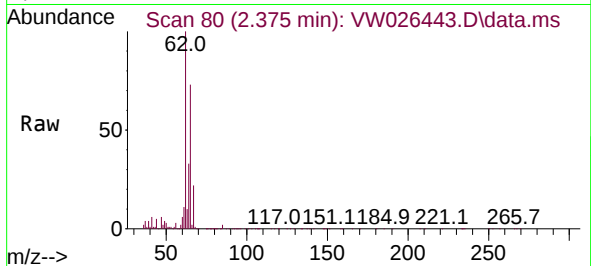




#5
 Vinyl chloride
 Concen: 26.874 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026443.D
 Acq: 29 Jun 2023 19:38

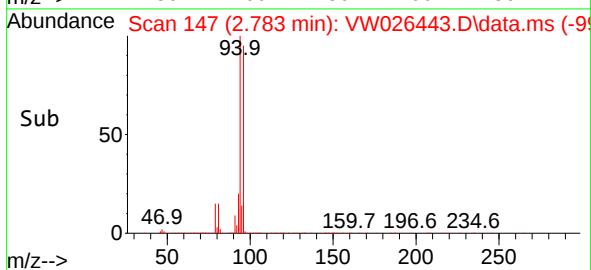
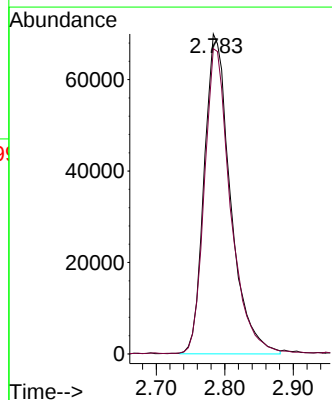
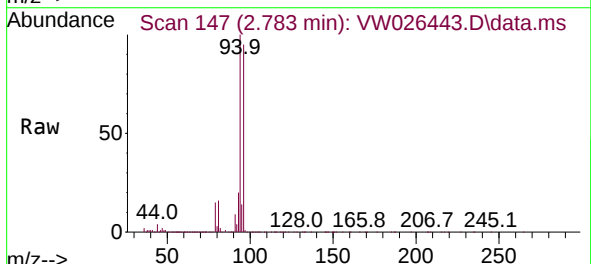
Instrument :
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 ClientSampleId :
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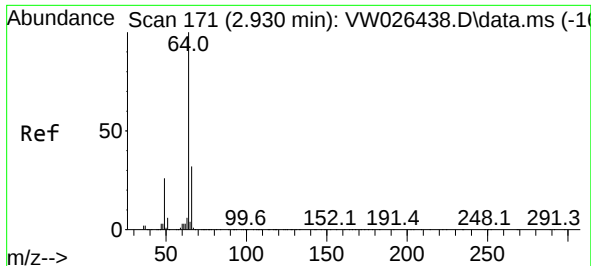
Tgt Ion: 62 Resp: 355443
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.8



#6
 Bromomethane
 Concen: 24.785 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026443.D
 Acq: 29 Jun 2023 19:38

Tgt Ion: 94 Resp: 186426
 Ion Ratio Lower Upper
 94 100
 96 95.4 64.3 119.3

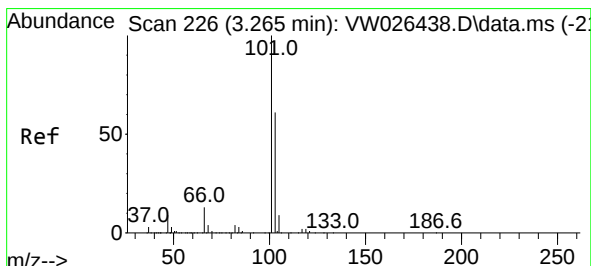
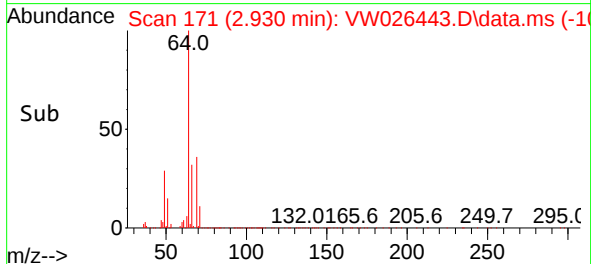
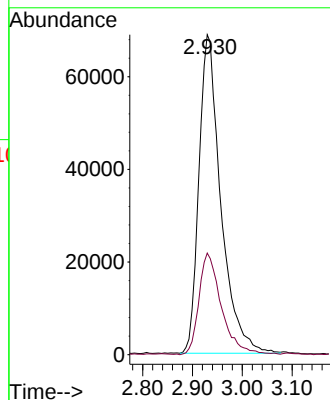
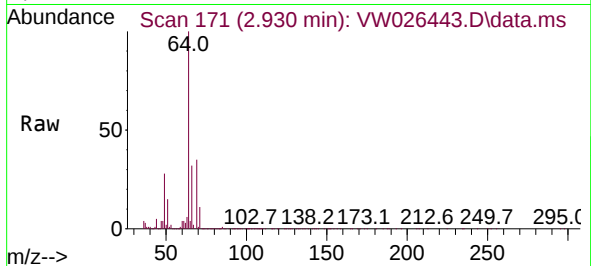




#8
Chloroethane
Concen: 26.101 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

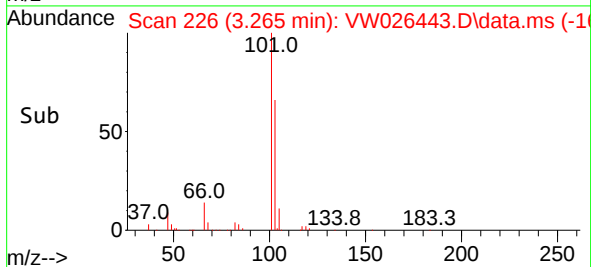
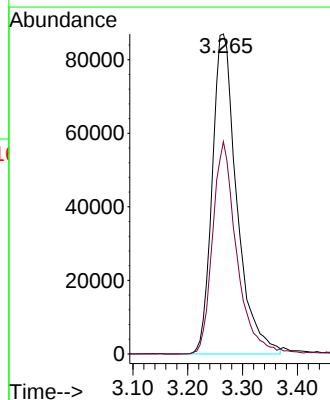
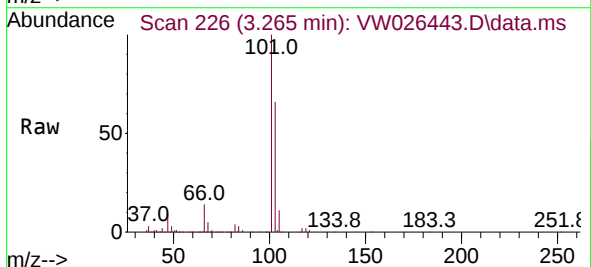
Instrument :
MSVOA_W
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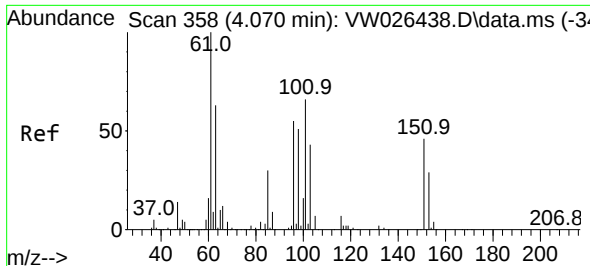
Tgt Ion: 64 Resp: 209376
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.132 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 101 Resp: 270555
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.858 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

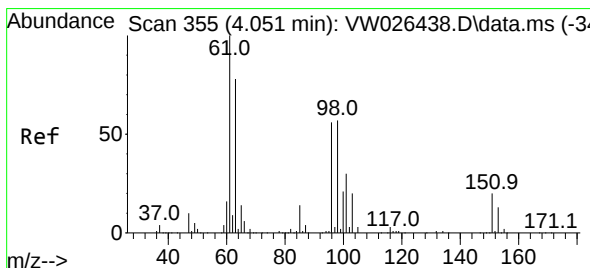
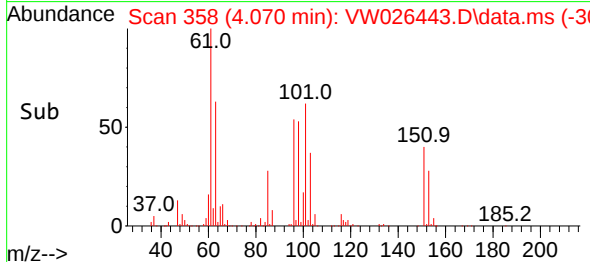
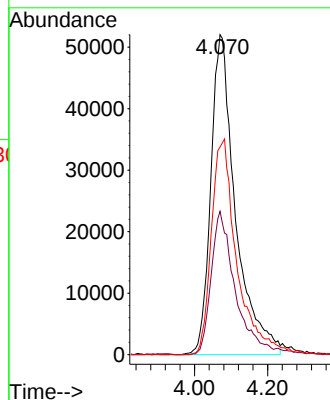
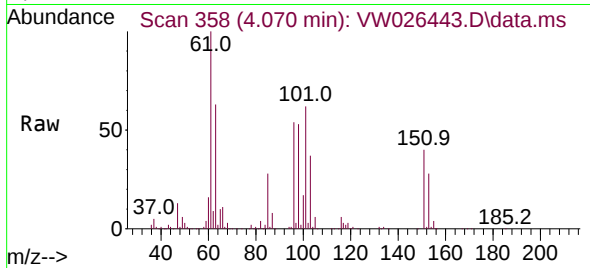
Tgt Ion:101 Resp: 244002

Ion Ratio Lower Upper

101 100

85 39.8 34.1 51.1

151 67.0 53.7 80.5



#12

1,1-Dichloroethene

Concen: 26.272 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

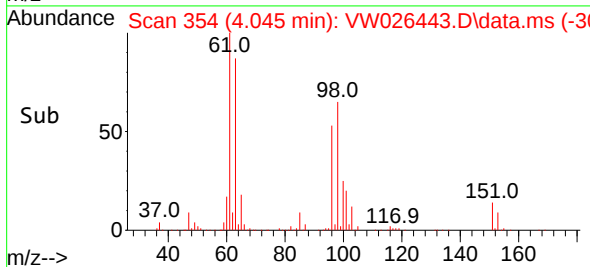
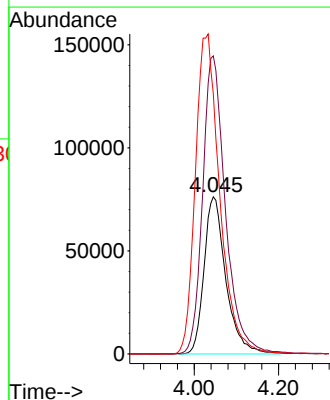
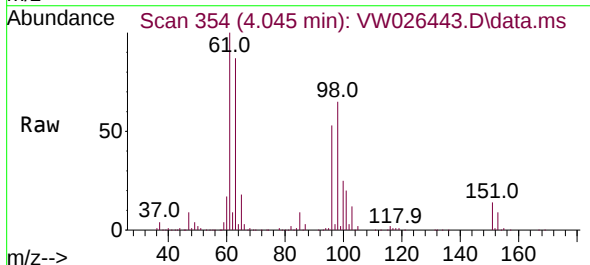
Tgt Ion: 96 Resp: 274487

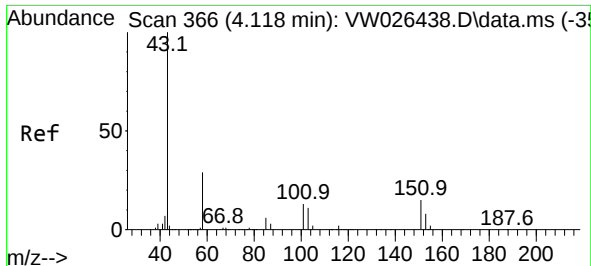
Ion Ratio Lower Upper

96 100

61 189.7 134.0 248.8

63 165.6 117.1 217.5

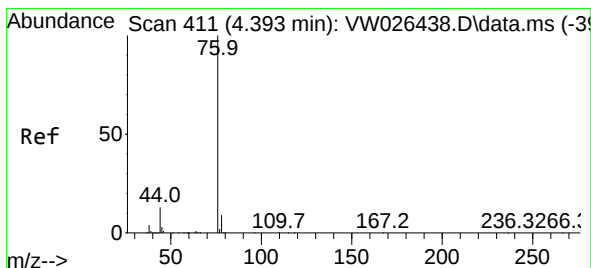
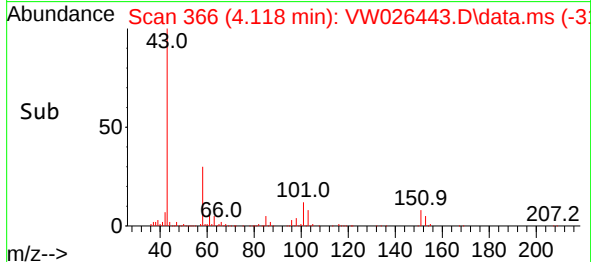
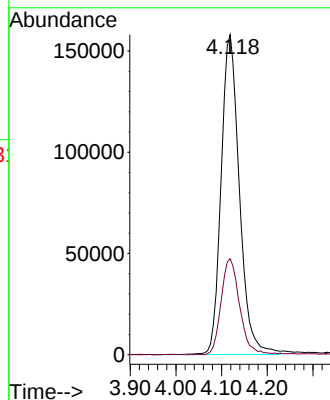
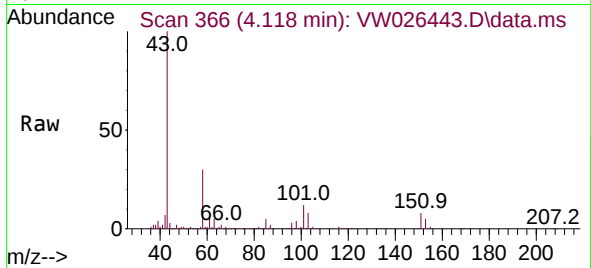




#13
Acetone
Concen: 154.846 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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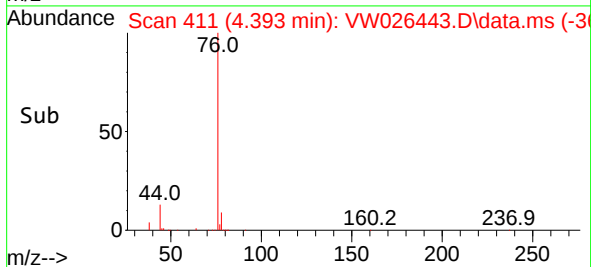
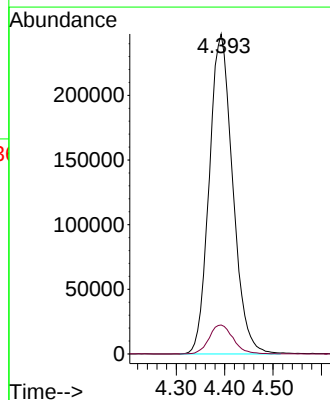
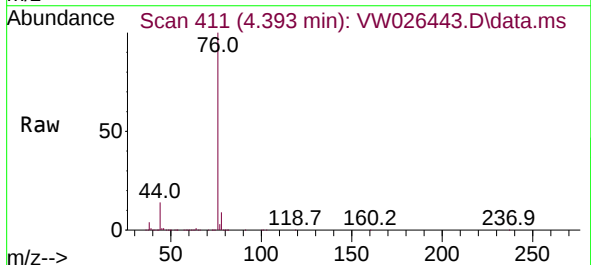
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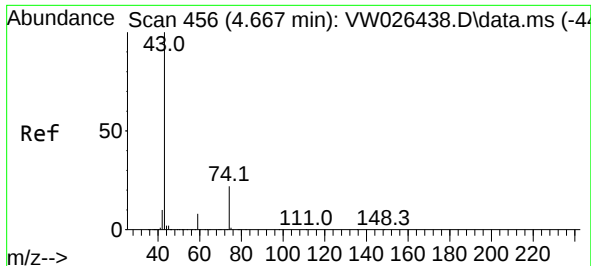
Tgt Ion: 43 Resp: 439137
Ion Ratio Lower Upper
43 100
58 30.2 0.0 63.2



#14
Carbon disulfide
Concen: 24.695 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Acq: 29 Jun 2023 19:38

Tgt Ion: 76 Resp: 834999
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

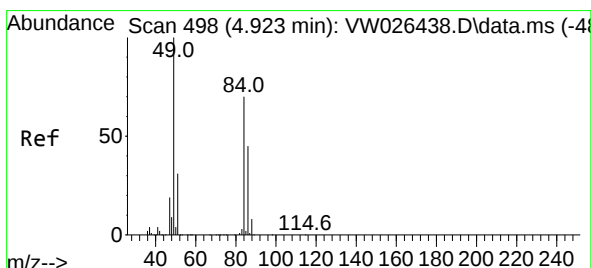
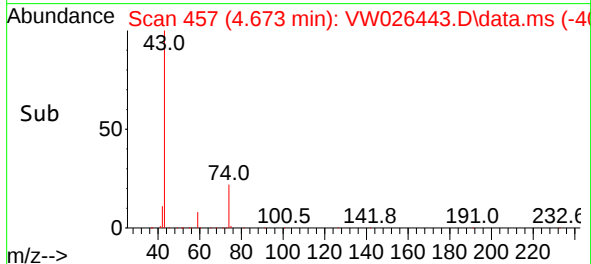
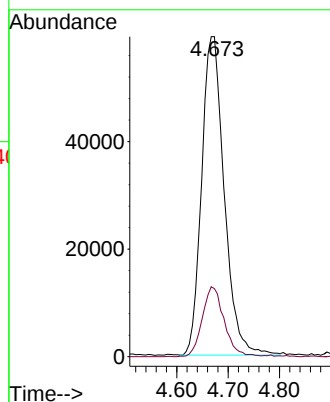
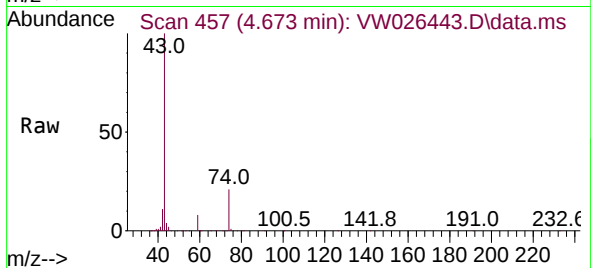




#15
Methyl Acetate
Concen: 29.393 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

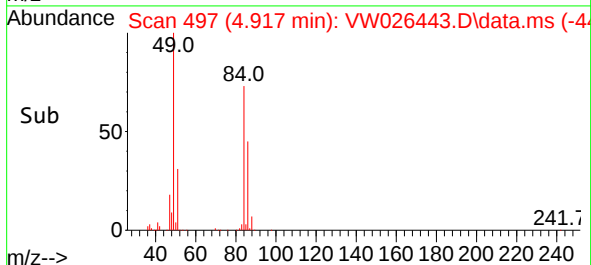
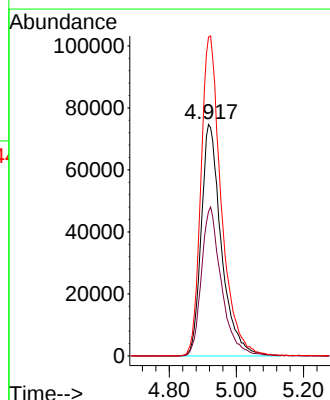
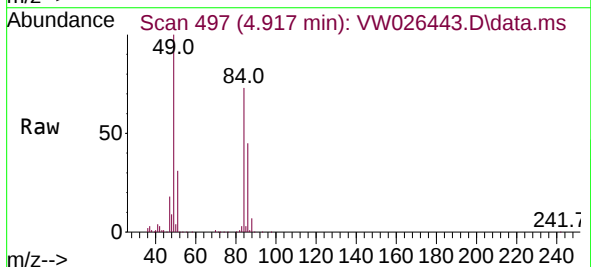
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

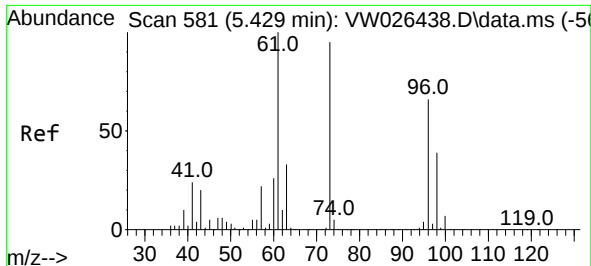
Tgt Ion: 43 Resp: 180998
Ion Ratio Lower Upper
43 100
74 20.8 16.6 24.8



#16
Methylene chloride
Concen: 19.687 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 84 Resp: 310365
Ion Ratio Lower Upper
84 100
86 62.3 44.1 81.9
49 137.7 94.1 174.8

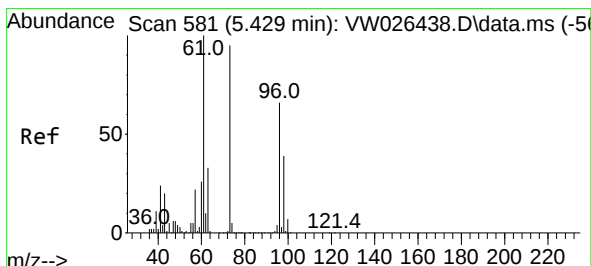
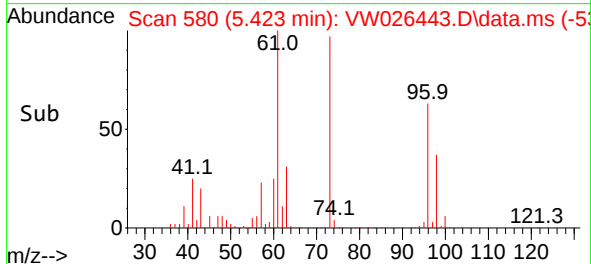
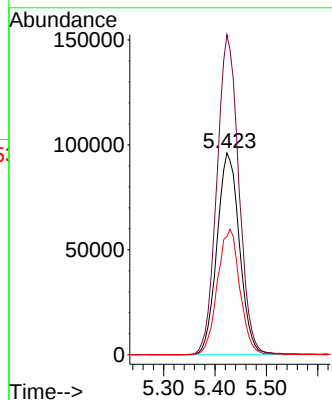
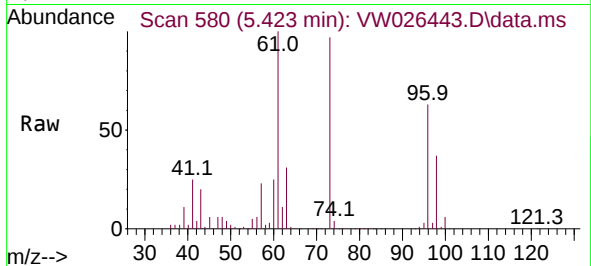




#17
trans-1,2-Dichloroethene
Concen: 26.012 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

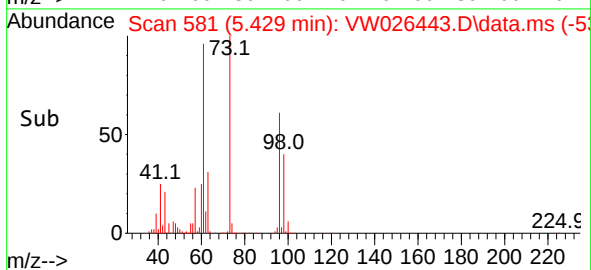
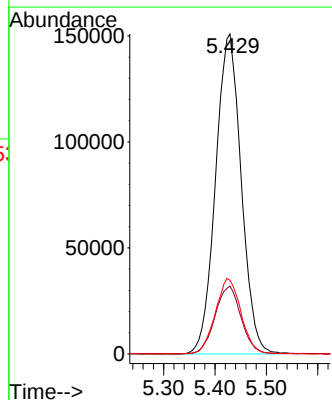
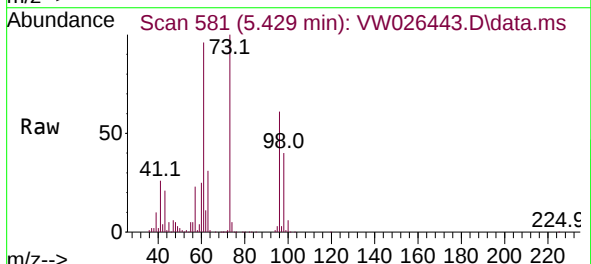
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

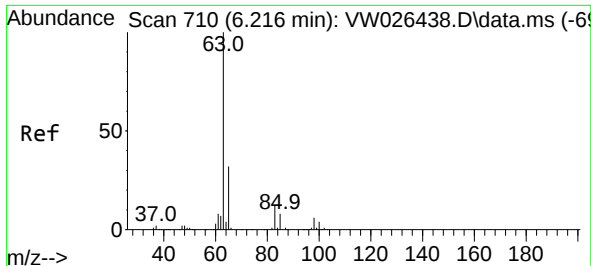
Tgt Ion: 96 Resp: 292346
Ion Ratio Lower Upper
96 100
61 158.8 105.2 195.4
98 58.6 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 28.481 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 73 Resp: 523110
Ion Ratio Lower Upper
73 100
43 21.4 16.6 25.0
57 23.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.753 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

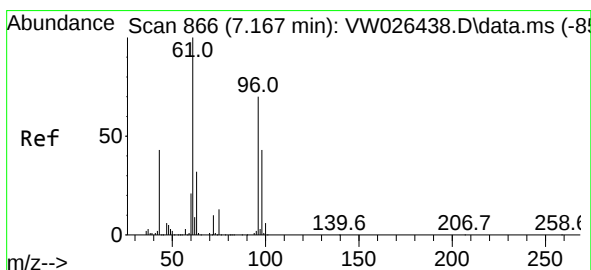
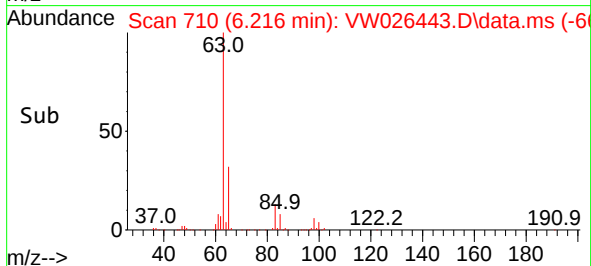
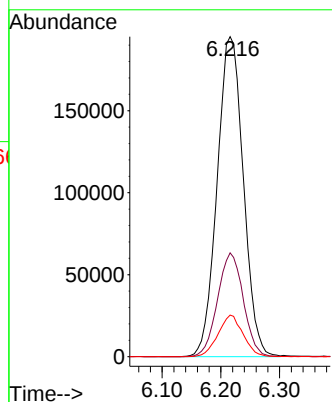
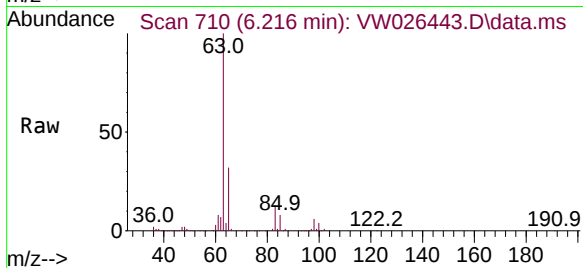
Tgt Ion: 63 Resp: 605011

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.0 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 25.422 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

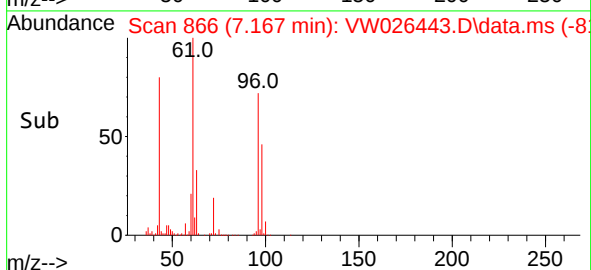
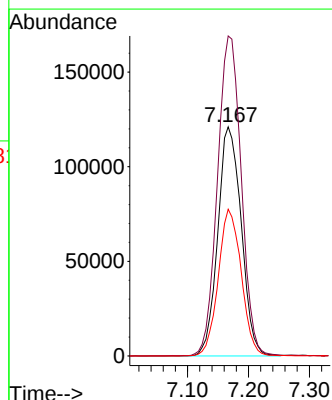
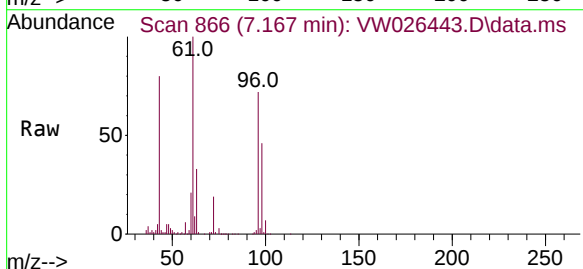
Tgt Ion: 96 Resp: 323626

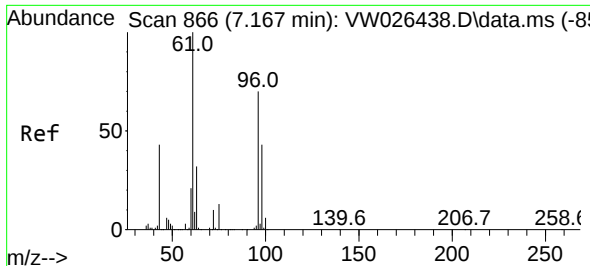
Ion Ratio Lower Upper

96 100

61 139.7 99.3 184.5

98 64.1 44.3 82.3

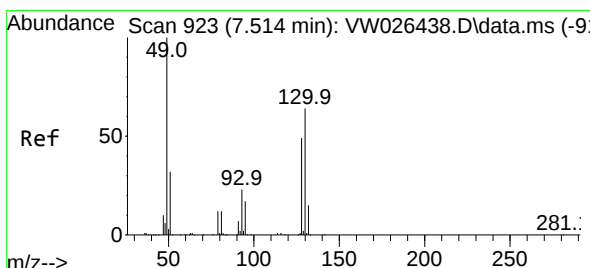
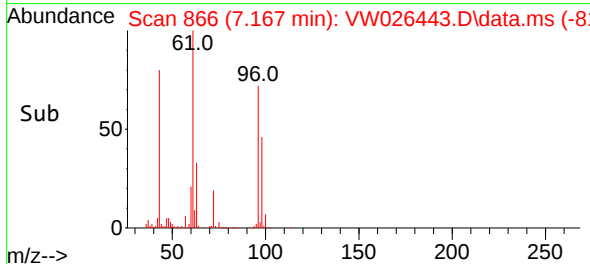
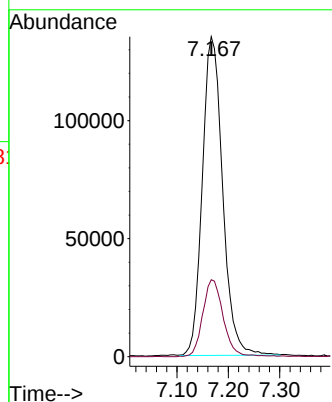
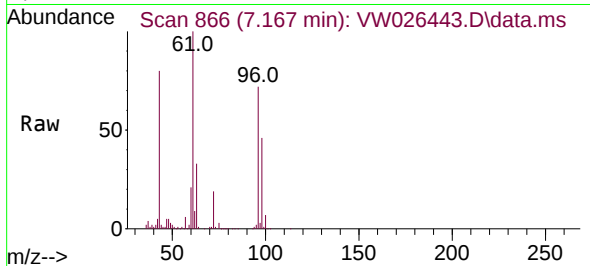




#22
2-Butanone
Concen: 79.770 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

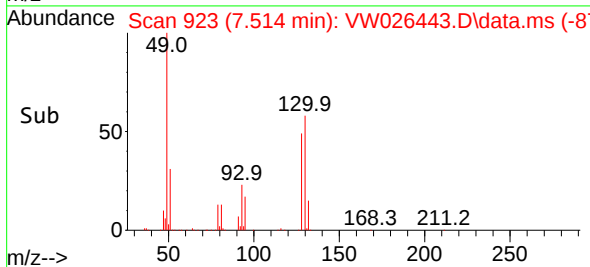
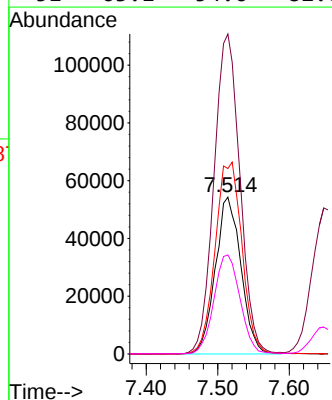
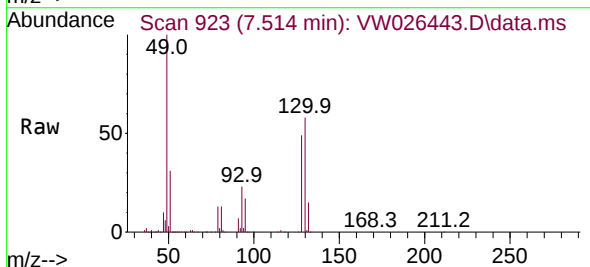
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

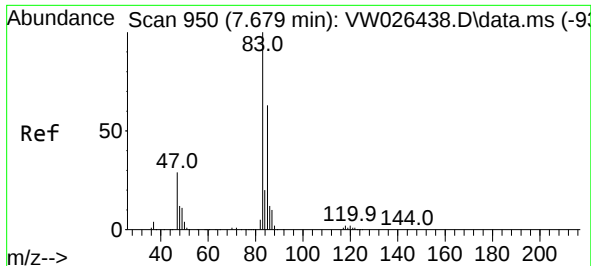
Tgt Ion: 43 Resp: 370895
Ion Ratio Lower Upper
43 100
72 24.0 12.6 37.8



#23
Bromochloromethane
Concen: 25.482 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 128 Resp: 134912
Ion Ratio Lower Upper
128 100
49 204.1 149.2 277.2
130 118.3 89.2 165.8
51 63.1 54.6 82.0

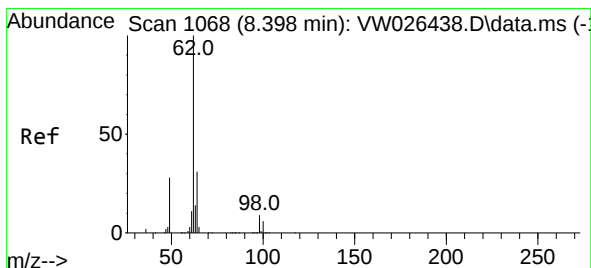
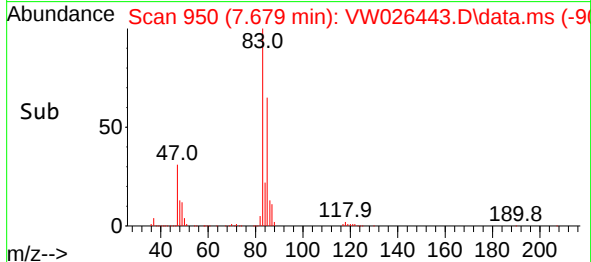
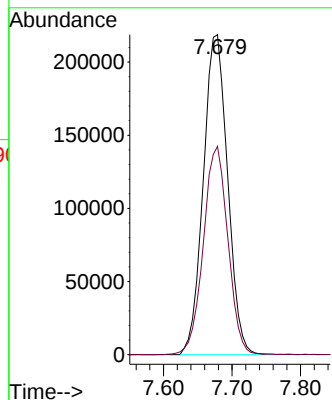
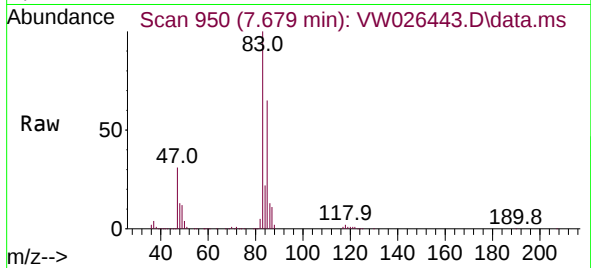




#25
Chloroform
Concen: 24.633 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

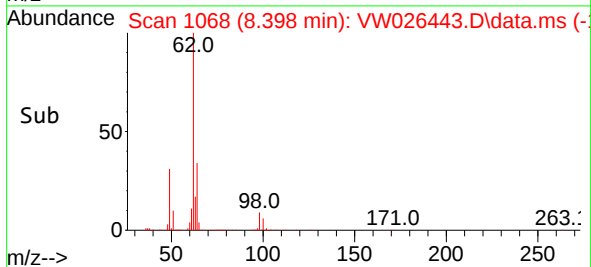
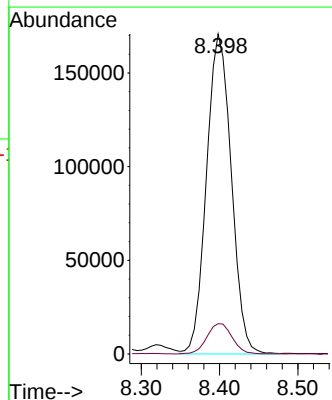
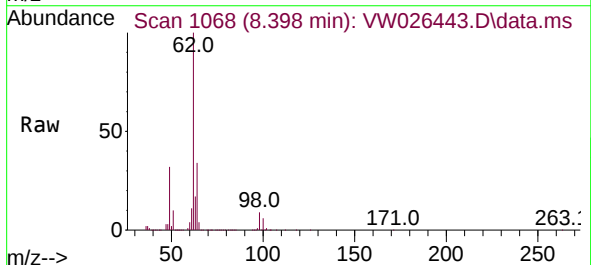
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

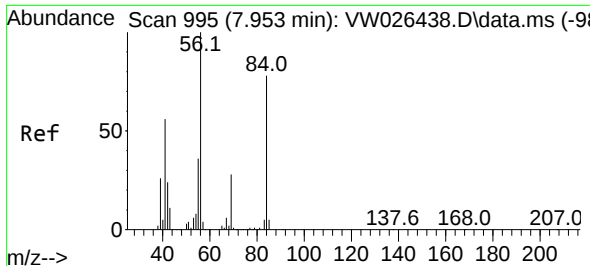
Tgt Ion: 83 Resp: 540674
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.040 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 62 Resp: 375805
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4

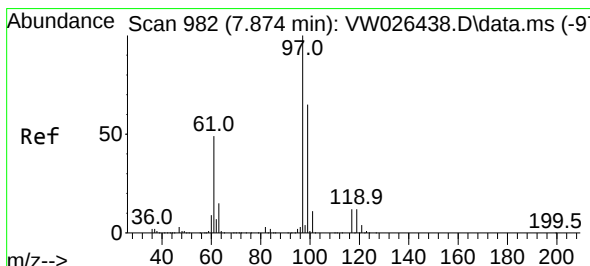
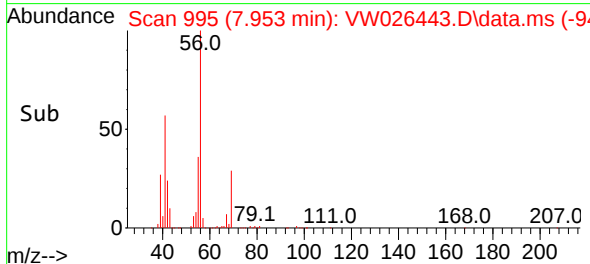
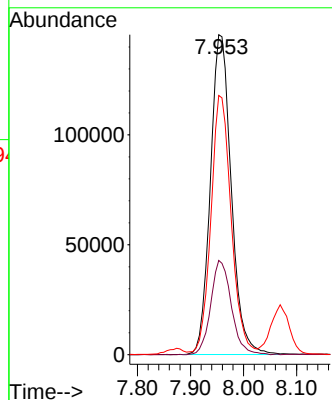
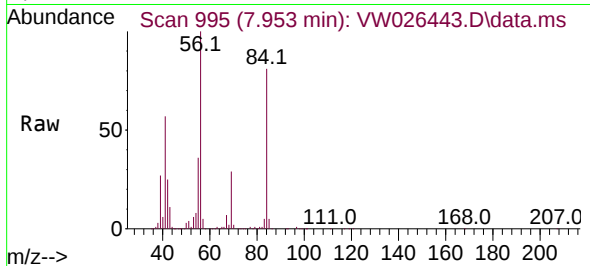




#29
Cyclohexane
Concen: 20.432 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

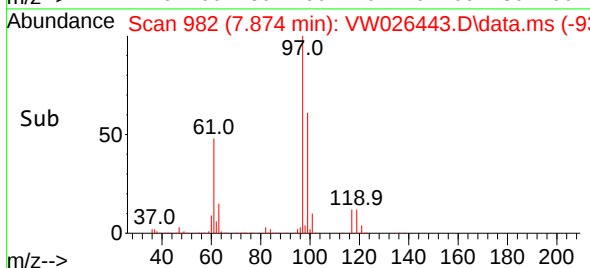
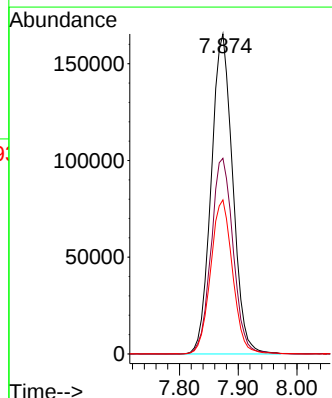
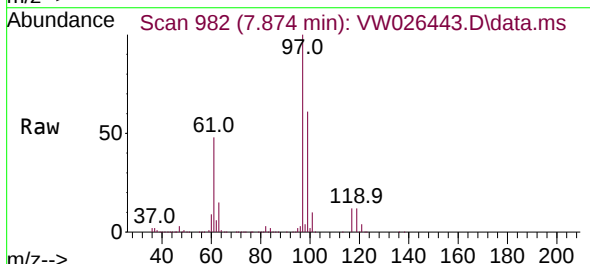
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

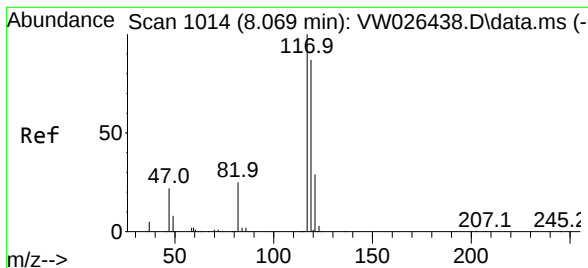
Tgt Ion:	56	Resp:	397875
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	78.8	63.5	95.3



#30
1,1,1-Trichloroethane
Concen: 28.773 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion:	97	Resp:	421027
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.3	76.9
61	49.1	39.5	59.3

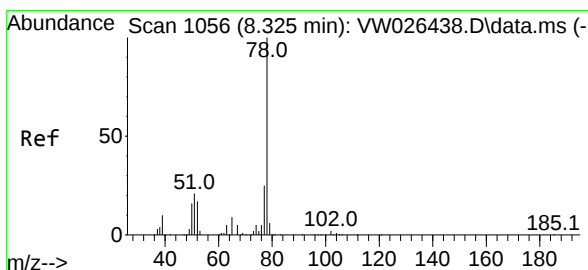
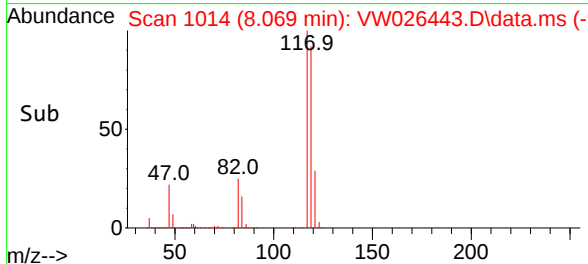
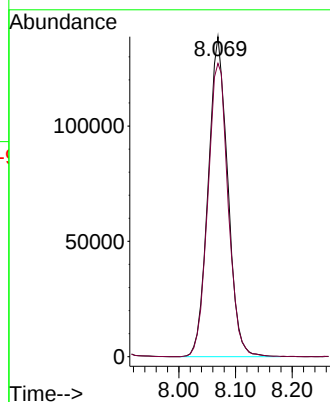
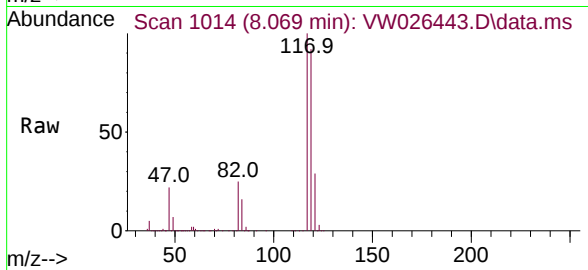




#31
Carbon tetrachloride
Concen: 25.215 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

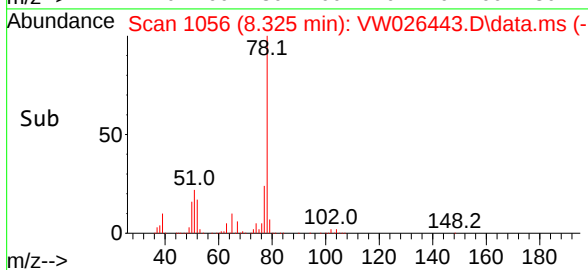
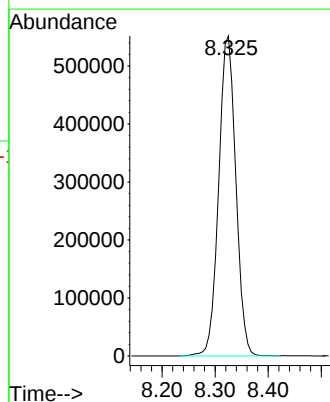
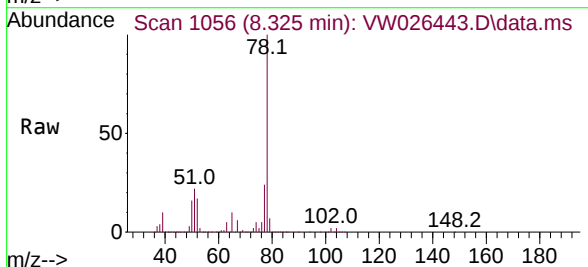
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

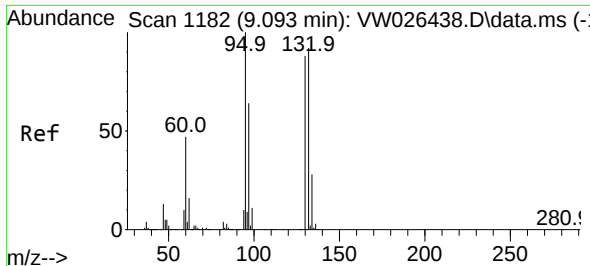
Tgt Ion:117 Resp: 332184
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 28.776 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 78 Resp: 1237797



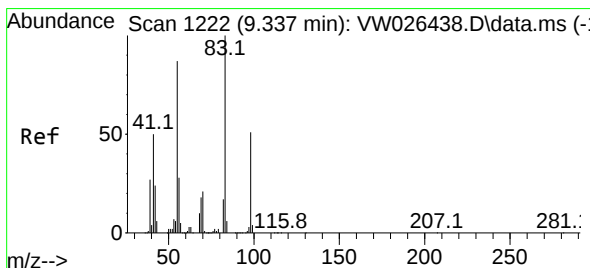
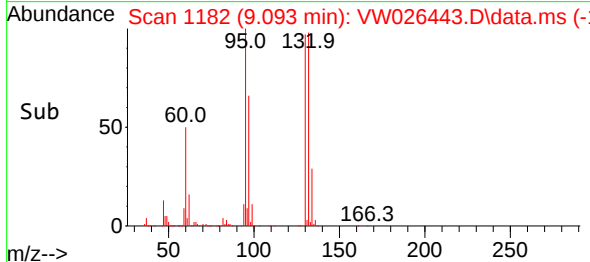
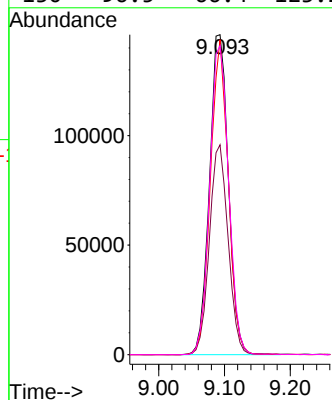
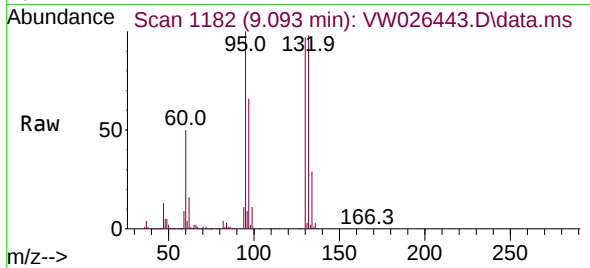


#34
Trichloroethene
Concen: 26.732 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

Tgt Ion: 95 Resp: 292920

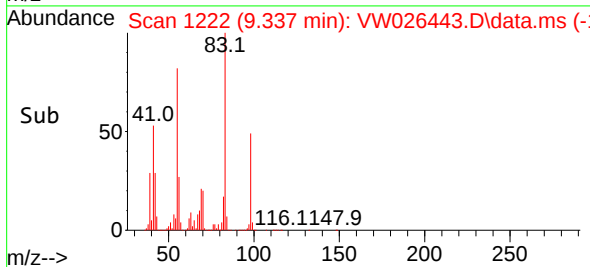
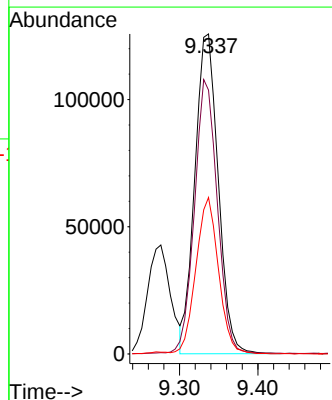
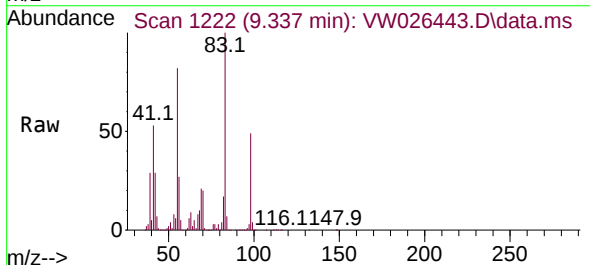
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.1	81.9
132	98.5	61.8	114.8
130	96.5	66.4	123.2

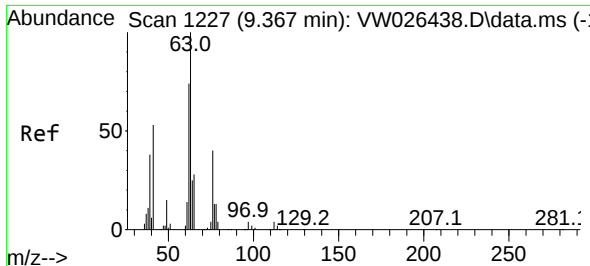


#35
Methylcyclohexane
Concen: 13.367 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 83 Resp: 260933

Ion	Ratio	Lower	Upper
83	100		
55	84.1	66.5	99.7
98	47.5	37.0	55.6





#37

1,2-Dichloropropane

Concen: 28.954 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

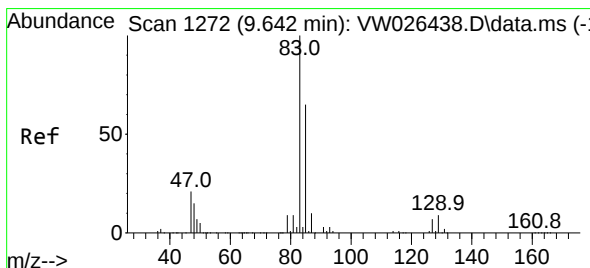
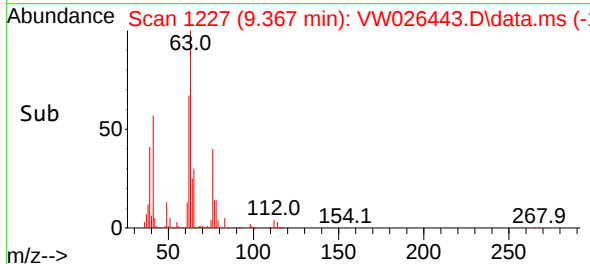
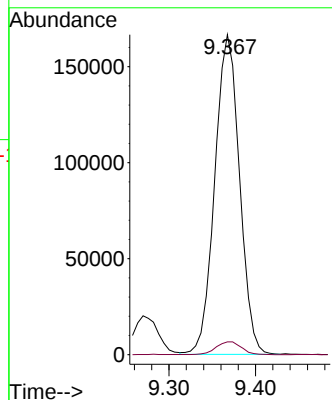
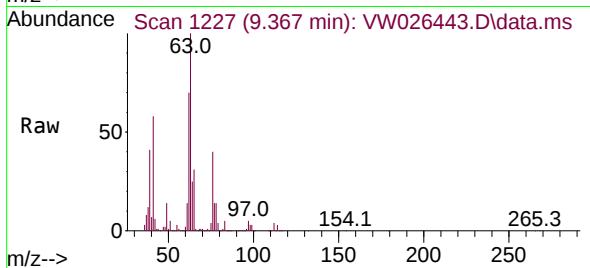
A46K6MSD

Tgt Ion: 63 Resp: 330633

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 27.242 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

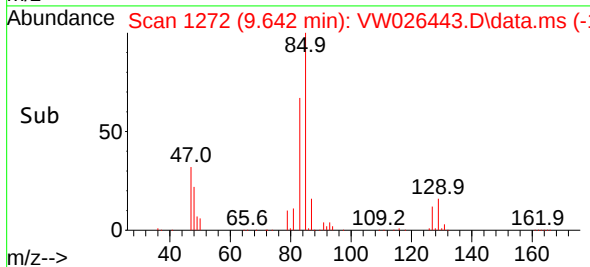
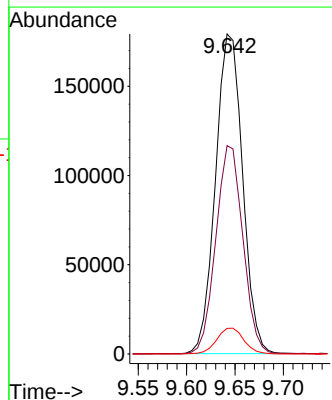
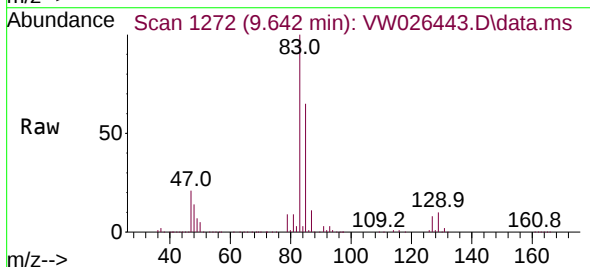
Tgt Ion: 83 Resp: 349157

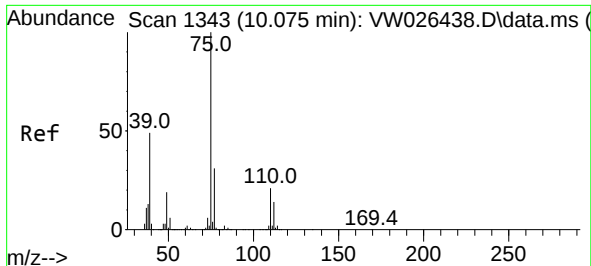
Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7

127 8.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.803 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

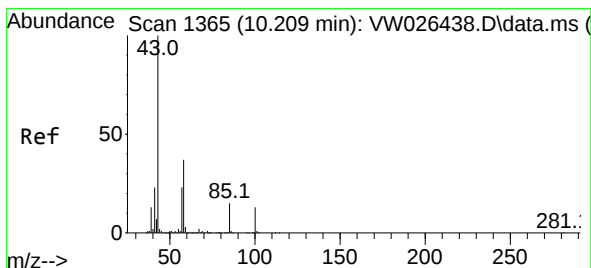
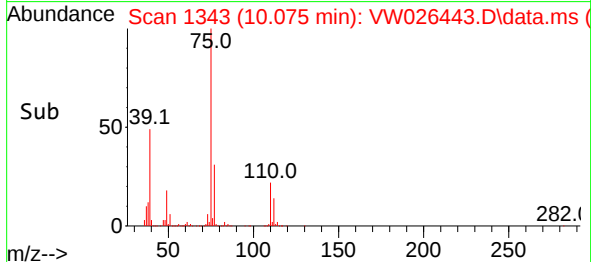
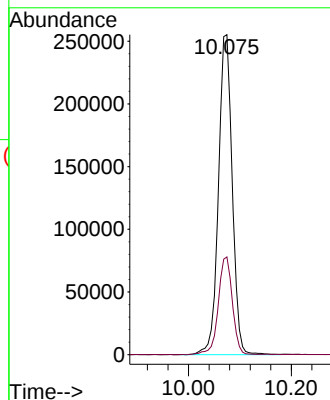
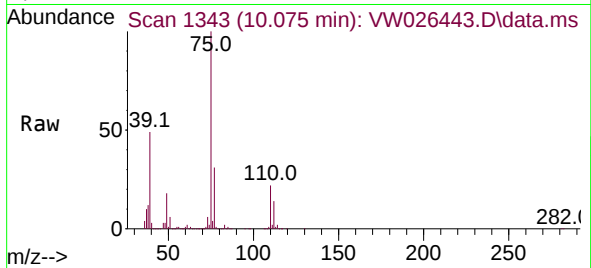
A46K6MSD

Tgt Ion: 75 Resp: 475196

Ion Ratio Lower Upper

75 100

77 30.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 67.880 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

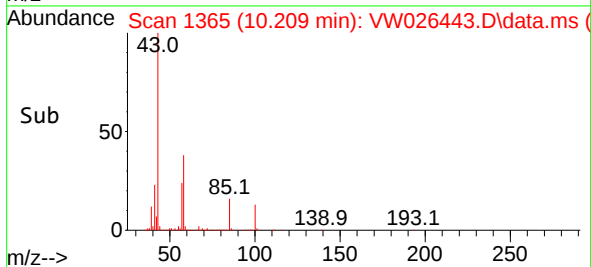
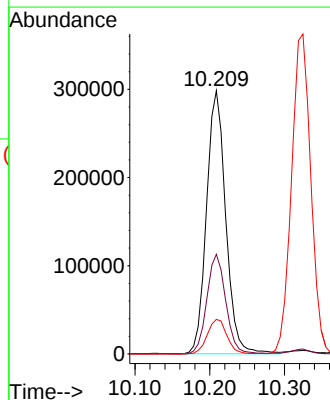
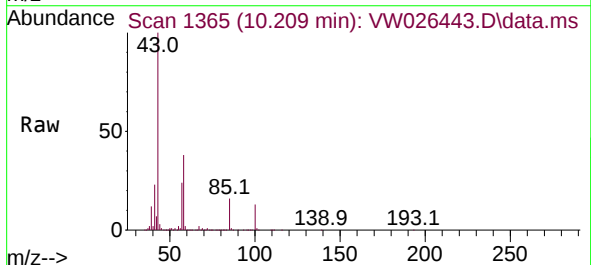
Tgt Ion: 43 Resp: 532210

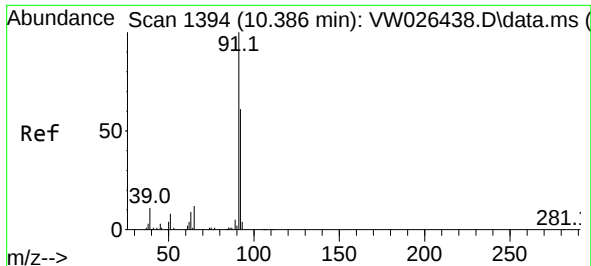
Ion Ratio Lower Upper

43 100

58 37.4 29.7 44.5

100 13.5 10.9 16.3

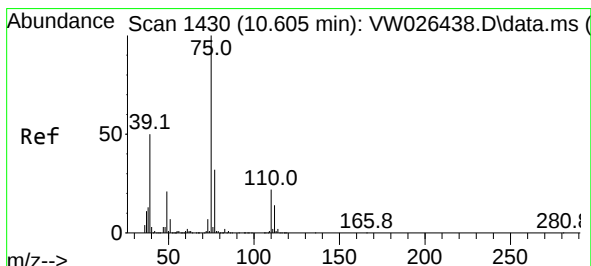
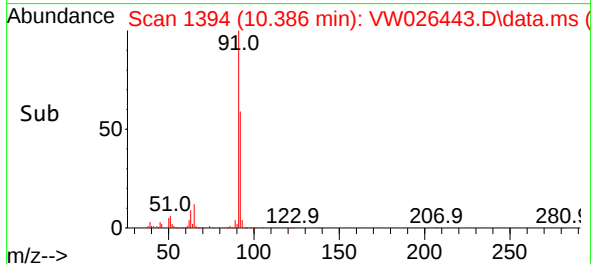
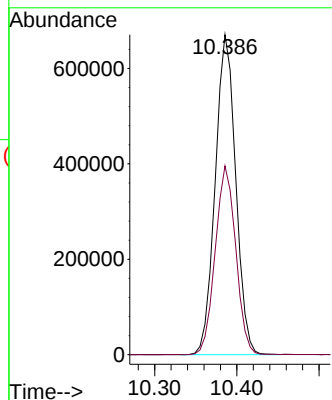
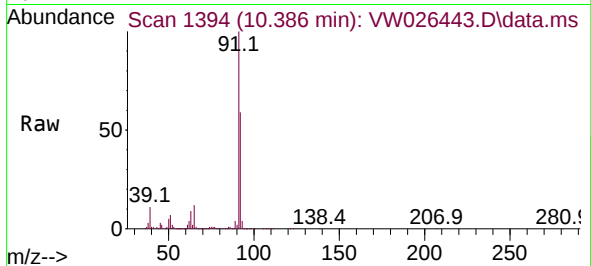




#42
Toluene
Concen: 26.395 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

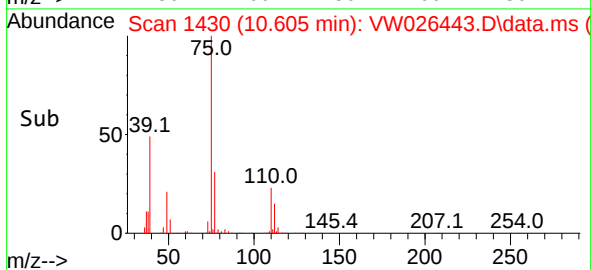
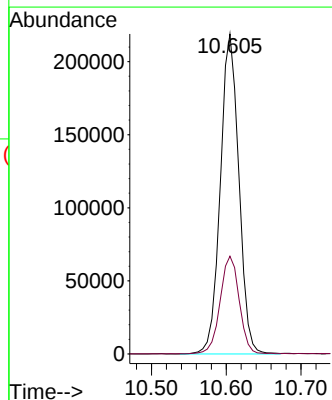
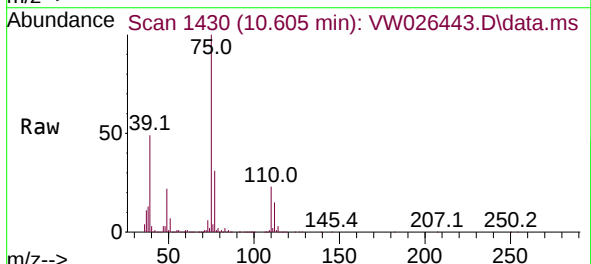
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

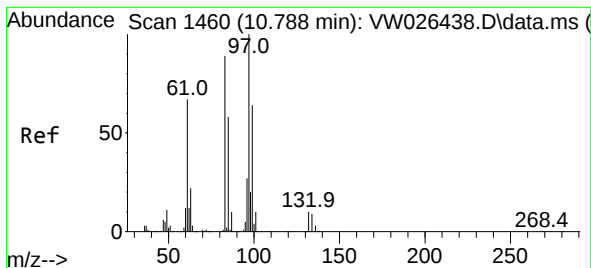
Tgt Ion: 91 Resp: 1161595
Ion Ratio Lower Upper
91 100
92 59.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 27.060 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 75 Resp: 377989
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 28.388 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

Tgt Ion: 97 Resp: 220822

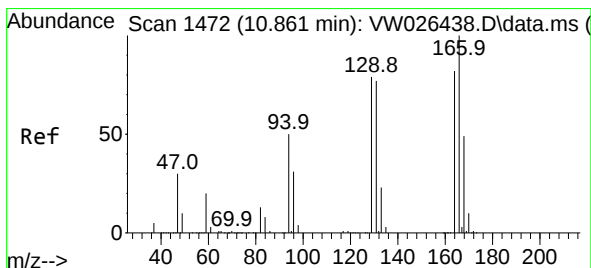
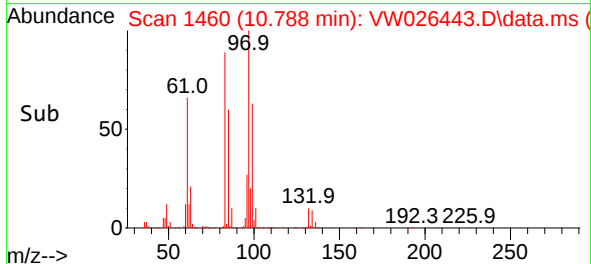
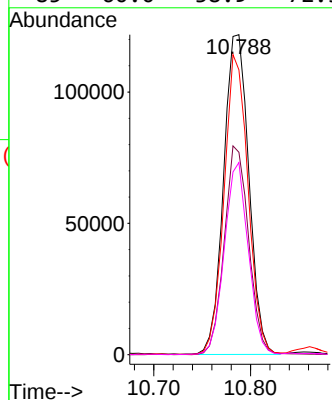
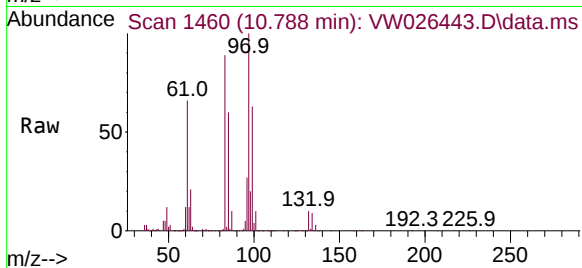
Ion Ratio Lower Upper

97 100

99 63.2 42.1 78.3

83 89.0 60.5 112.5

85 60.0 38.9 72.3



#46

Tetrachloroethene

Concen: 20.383 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Tgt Ion:164 Resp: 157906

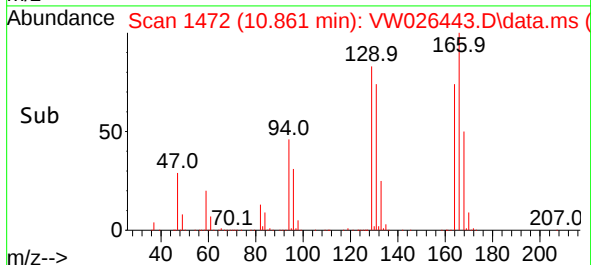
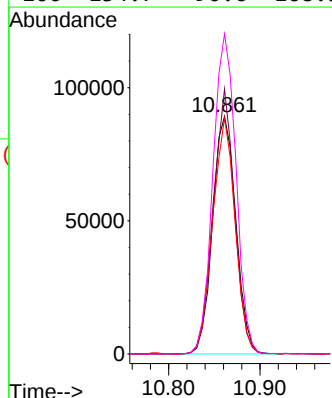
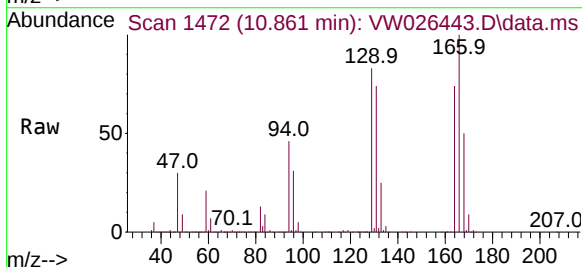
Ion Ratio Lower Upper

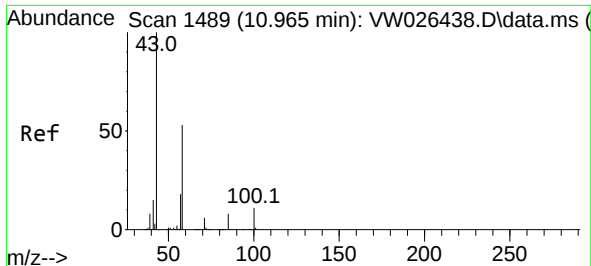
164 100

129 111.5 69.0 128.2

131 99.3 62.6 116.3

166 134.7 90.6 168.3

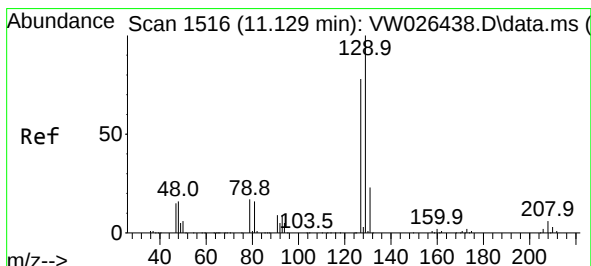
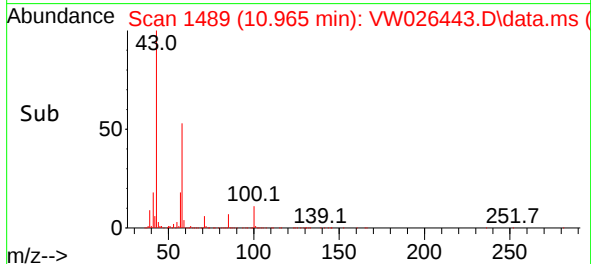
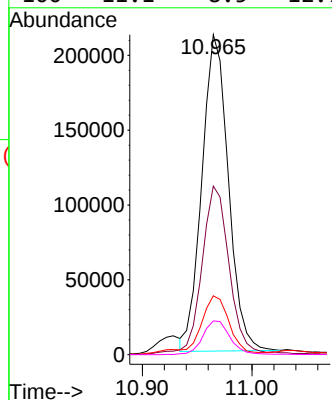
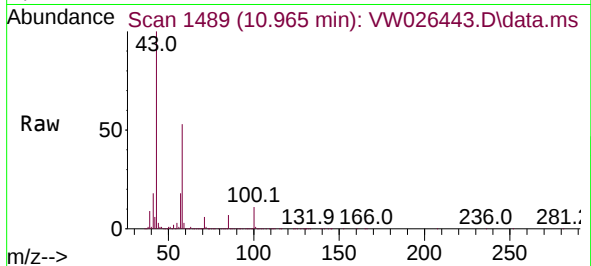




#48
2-Hexanone
Concen: 67.331 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

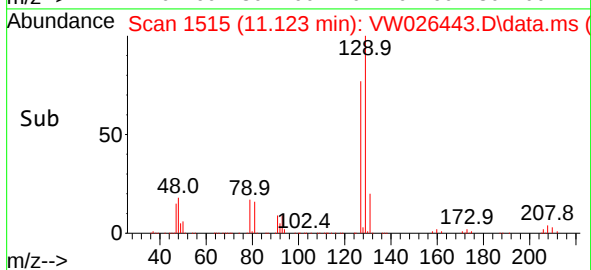
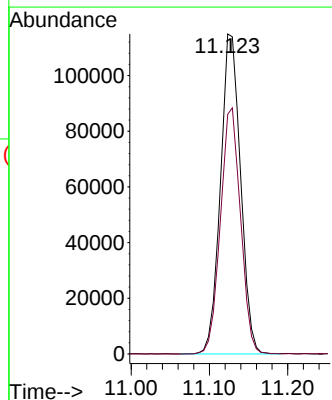
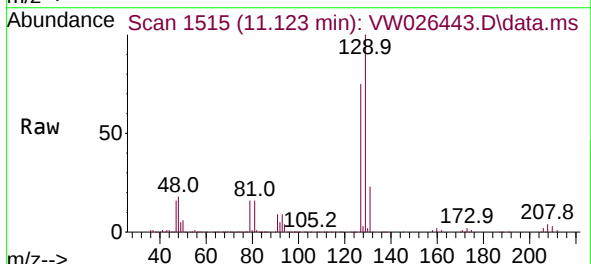
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

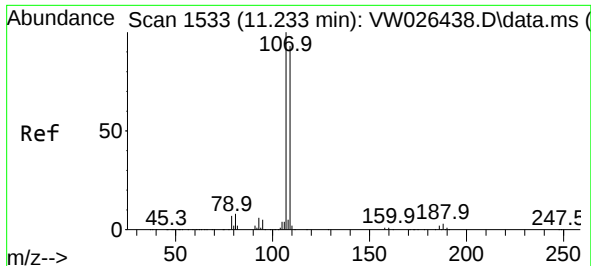
Tgt Ion: 43 Resp: 354337
Ion Ratio Lower Upper
43 100
58 55.7 42.1 63.1
57 18.6 14.5 21.7
100 11.1 8.5 12.7



#49
Dibromochloromethane
Concen: 26.491 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion: 129 Resp: 205248
Ion Ratio Lower Upper
129 100
127 74.9 54.0 100.4





#50

1,2-Dibromoethane

Concen: 28.503 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

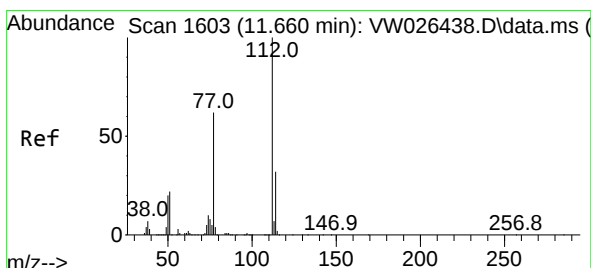
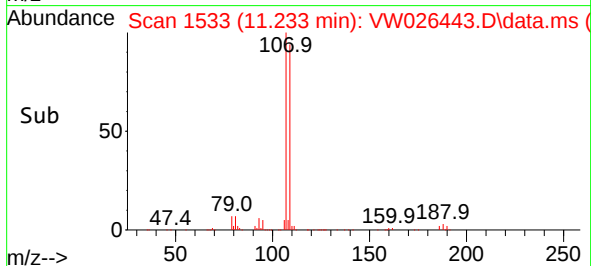
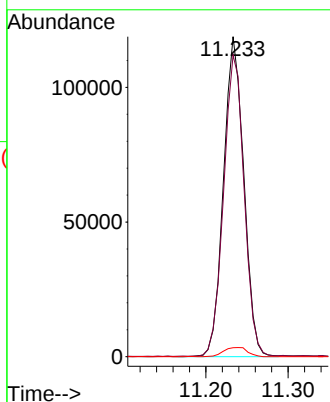
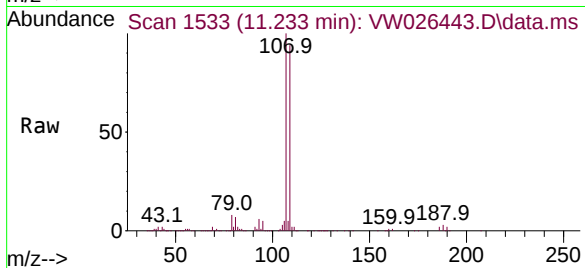
Tgt Ion:107 Resp: 203877

Ion Ratio Lower Upper

107 100

109 94.2 69.0 128.2

188 2.8 2.8 4.2



#51

Chlorobenzene

Concen: 23.310 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

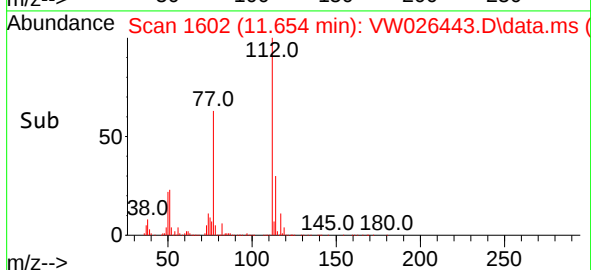
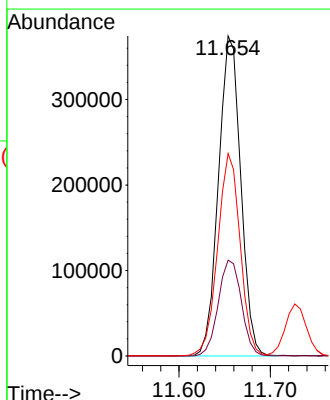
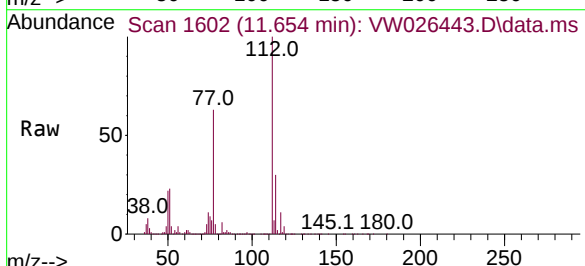
Tgt Ion:112 Resp: 634723

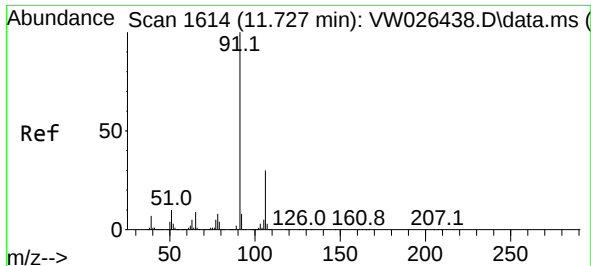
Ion Ratio Lower Upper

112 100

114 29.9 22.3 41.5

77 63.2 49.6 74.4

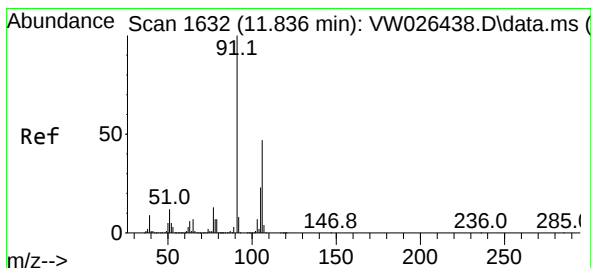
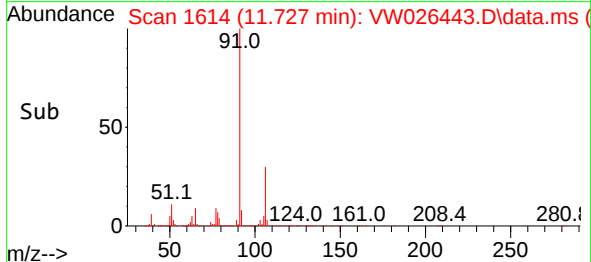
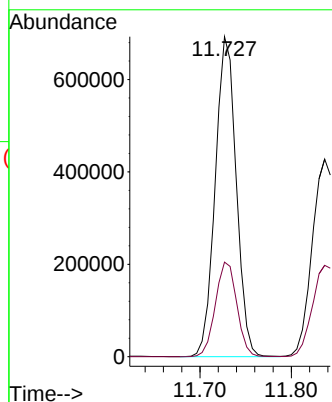
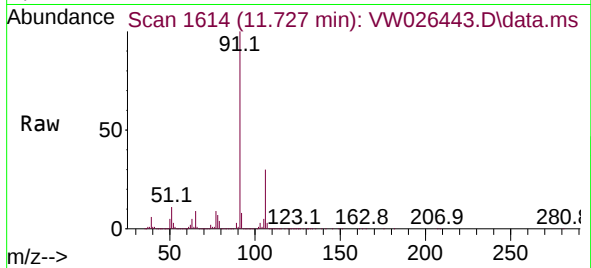




#52
Ethylbenzene
Concen: 22.313 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

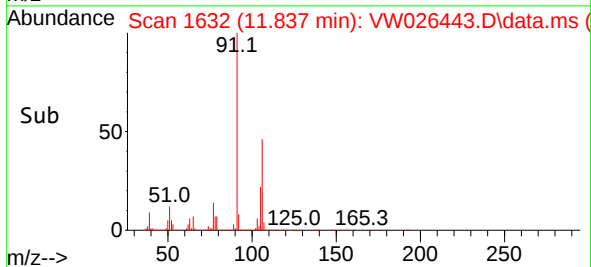
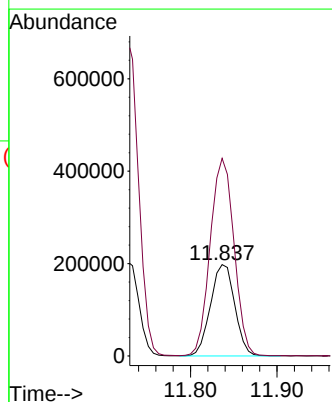
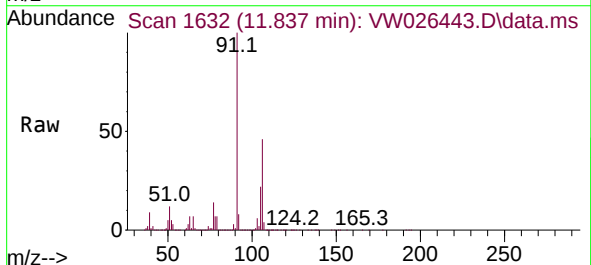
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

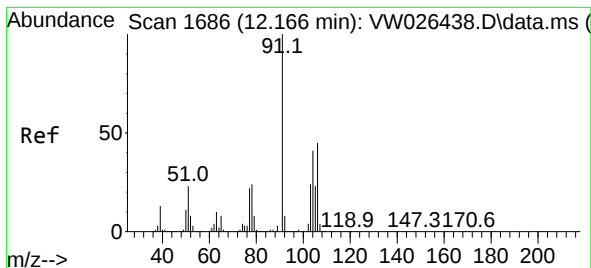
Tgt Ion: 91 Resp: 1104995
Ion Ratio Lower Upper
91 100
106 29.6 20.9 38.7



#53
m,p-Xylene
Concen: 20.946 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion:106 Resp: 384640
Ion Ratio Lower Upper
106 100
91 216.4 146.7 272.5





#54

o-Xylene

Concen: 21.761 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

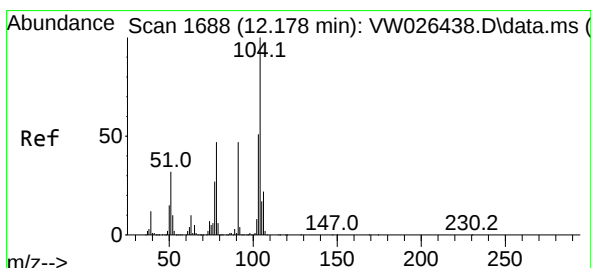
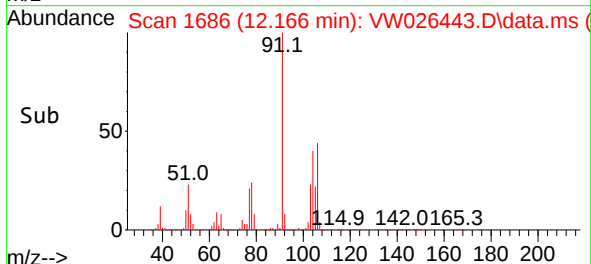
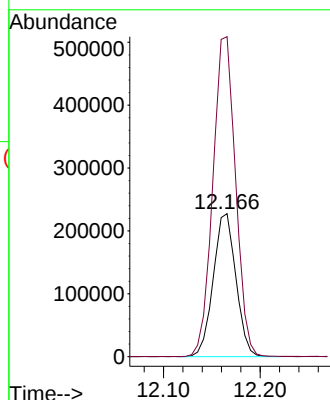
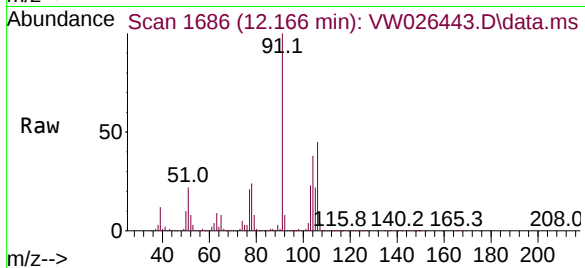
A46K6MSD

Tgt Ion:106 Resp: 370612

Ion Ratio Lower Upper

106 100

91 223.8 145.5 270.1



#55

Styrene

Concen: 21.273 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026443.D

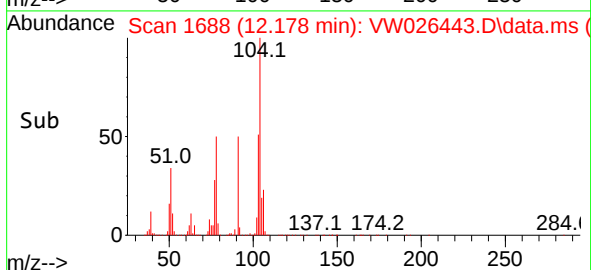
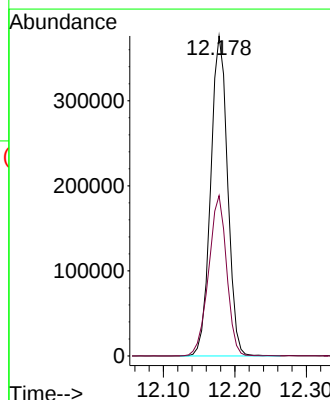
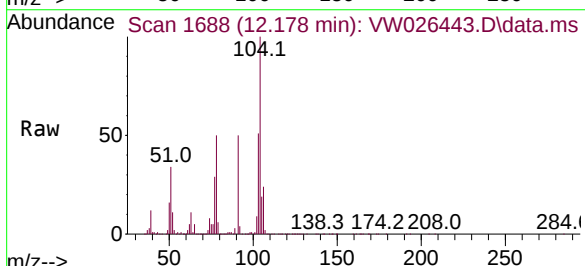
Acq: 29 Jun 2023 19:38

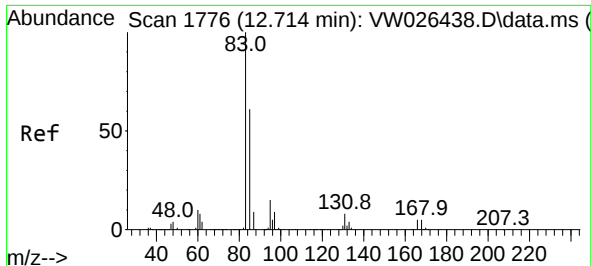
Tgt Ion:104 Resp: 618431

Ion Ratio Lower Upper

104 100

78 50.1 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.921 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

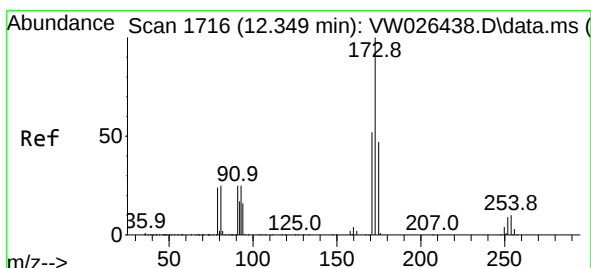
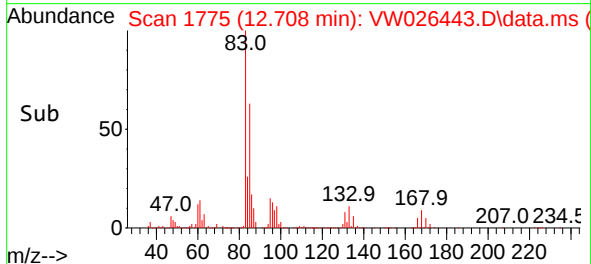
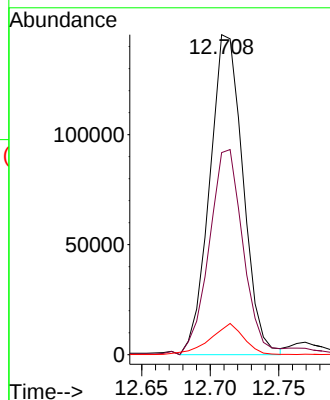
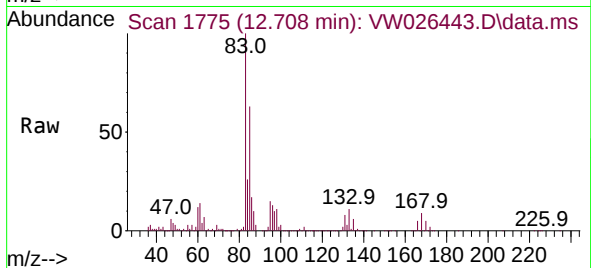
Tgt Ion: 83 Resp: 246207

Ion Ratio Lower Upper

83 100

85 63.2 44.6 82.8

131 7.8 7.2 10.8



#59

Bromoform

Concen: 40.256 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

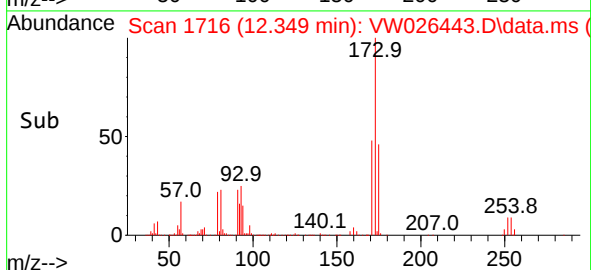
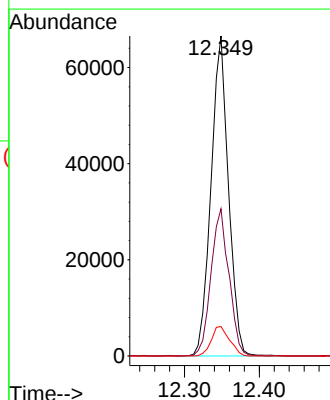
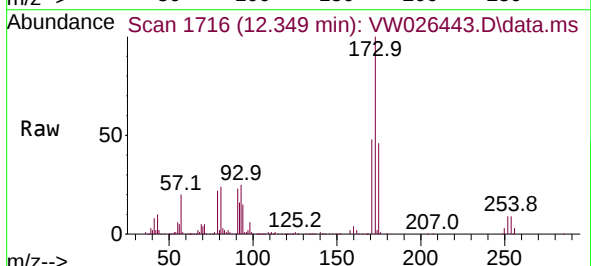
Tgt Ion:173 Resp: 108191

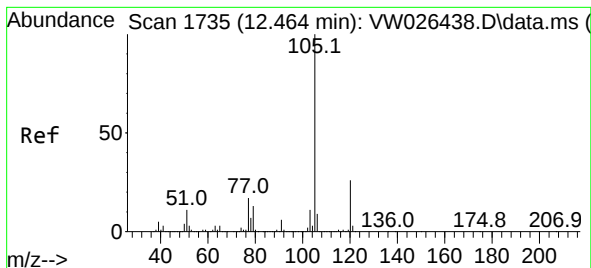
Ion Ratio Lower Upper

173 100

175 47.2 37.4 56.2

254 9.6 7.3 10.9





#60

Isopropylbenzene

Concen: 28.104 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

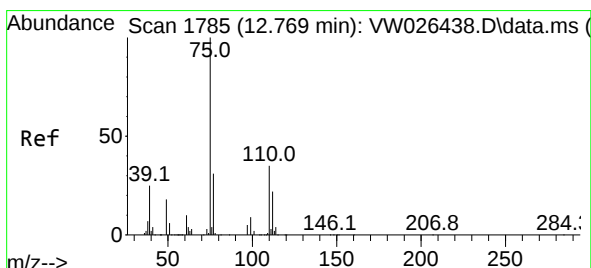
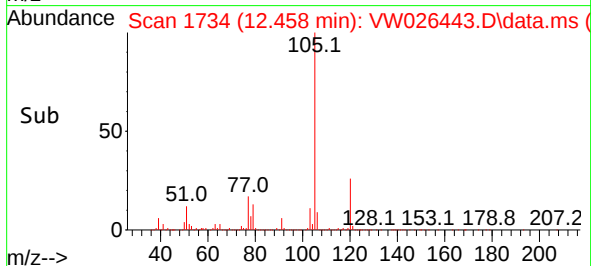
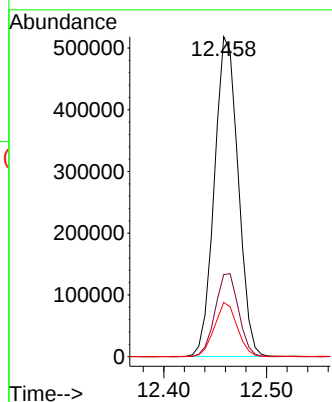
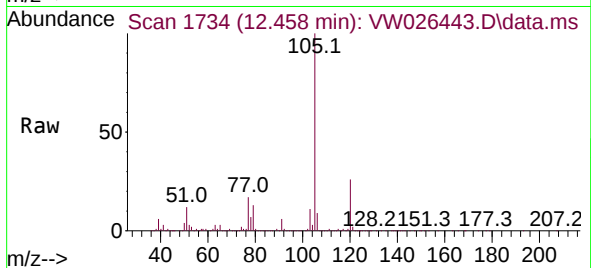
Tgt Ion:105 Resp: 832020

Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 16.3 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 43.597 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

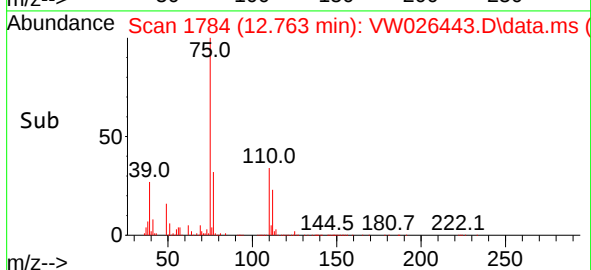
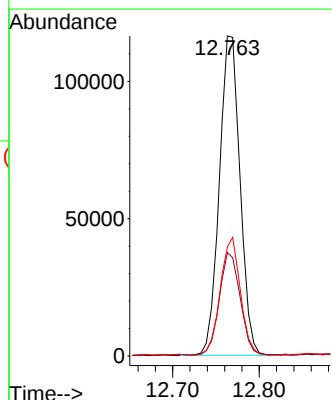
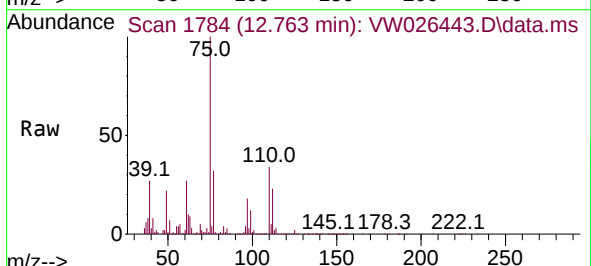
Tgt Ion: 75 Resp: 193414

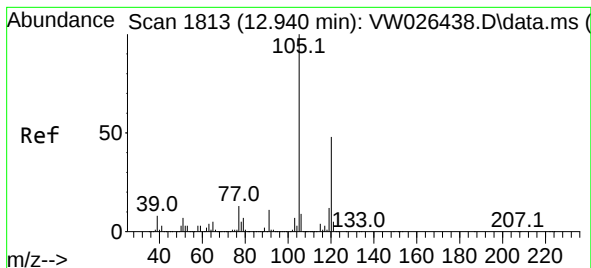
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

110 35.6 28.2 42.4

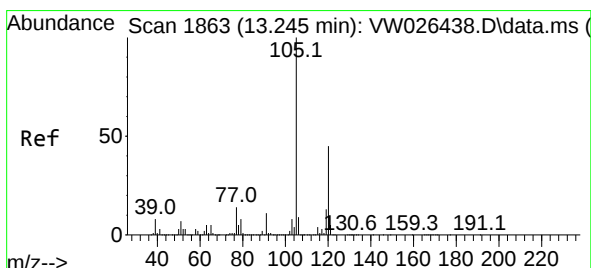
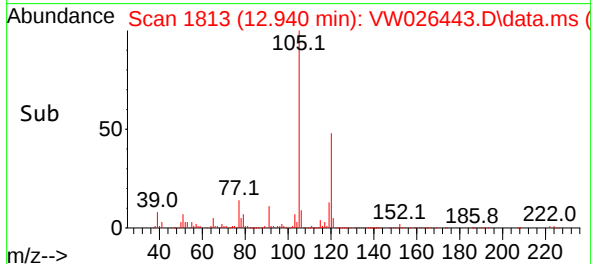
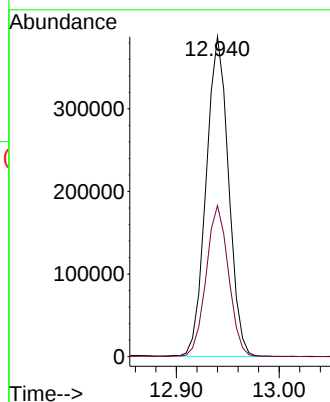
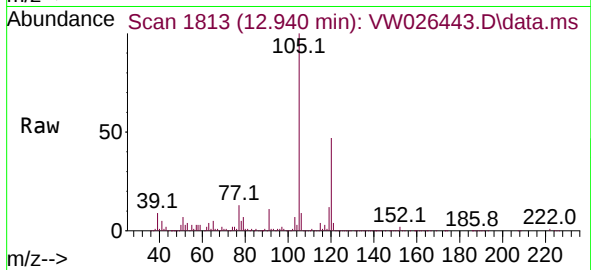




#62
1,3,5-Trimethylbenzene
Concen: 24.940 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

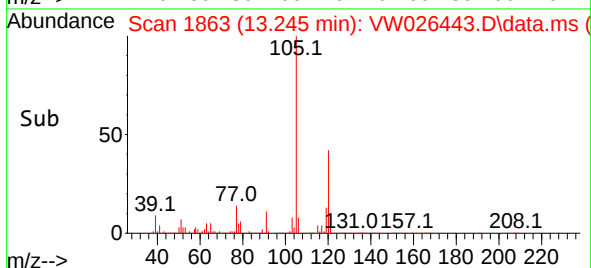
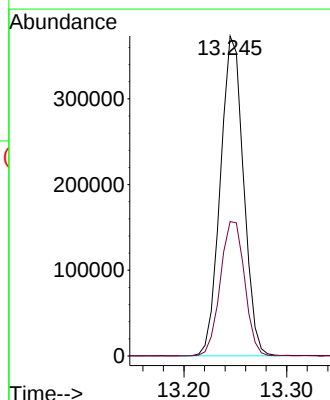
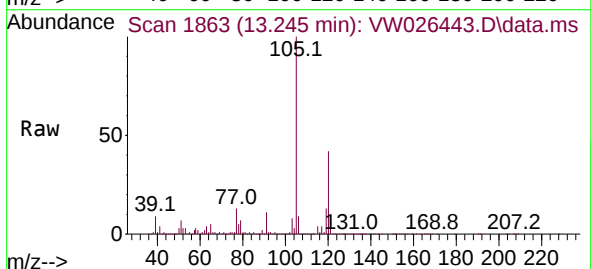
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

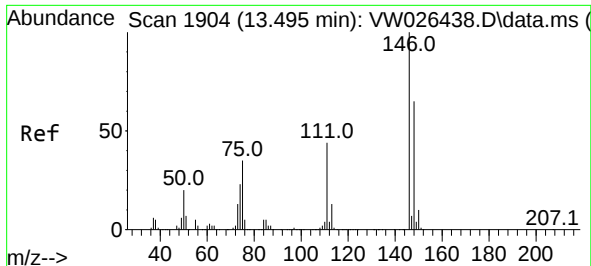
Tgt Ion:105 Resp: 587136
Ion Ratio Lower Upper
105 100
120 47.2 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 25.351 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion:105 Resp: 583045
Ion Ratio Lower Upper
105 100
120 44.2 36.0 54.0

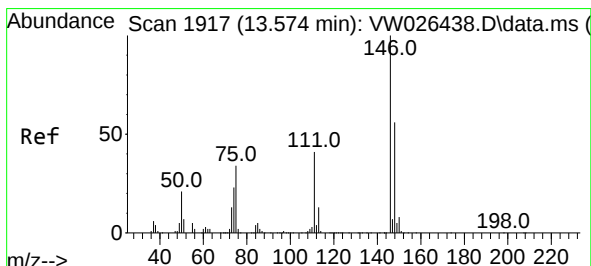
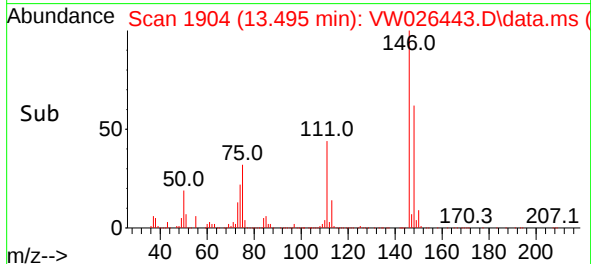
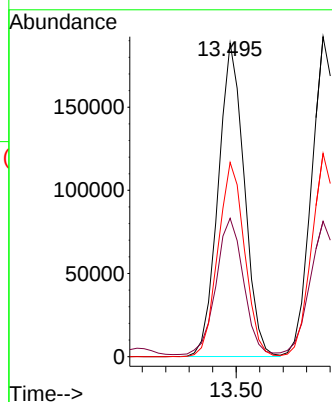
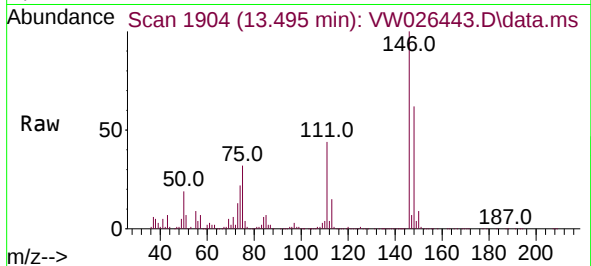




#64
1,3-Dichlorobenzene
Concen: 23.398 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

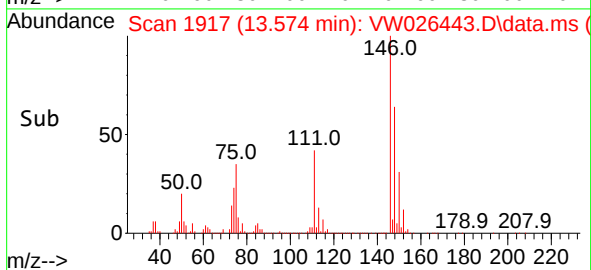
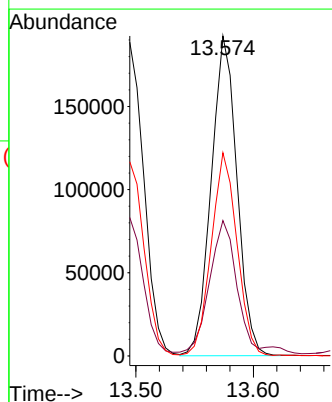
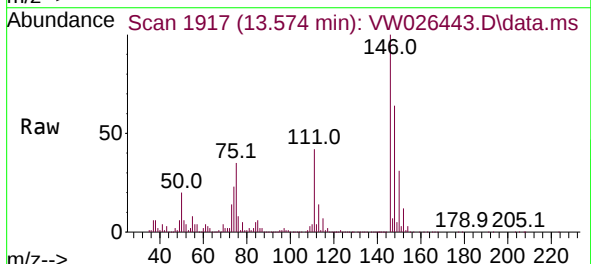
Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

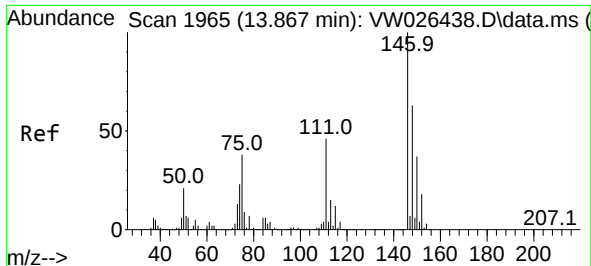
Tgt Ion:146 Resp: 290632
Ion Ratio Lower Upper
146 100
111 44.1 29.5 54.9
148 61.9 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 23.783 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026443.D
Acq: 29 Jun 2023 19:38

Tgt Ion:146 Resp: 293812
Ion Ratio Lower Upper
146 100
111 42.3 30.7 56.9
148 63.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 22.529 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

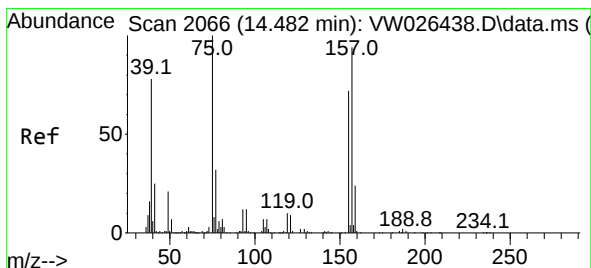
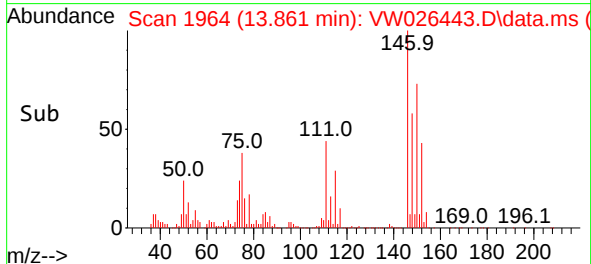
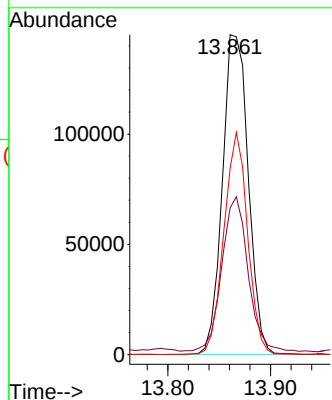
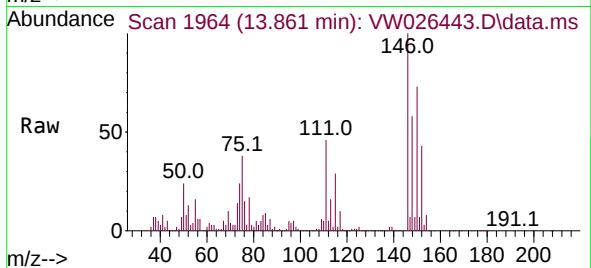
Tgt Ion:146 Resp: 253242

Ion Ratio Lower Upper

146 100

111 45.9 34.7 52.1

148 58.2 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 36.626 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

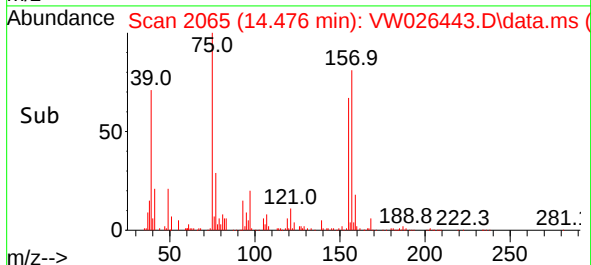
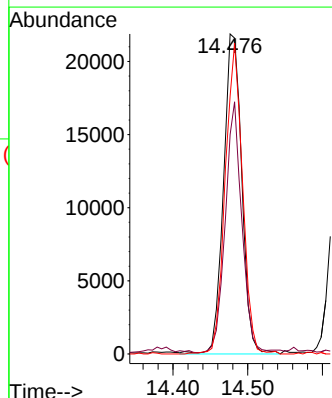
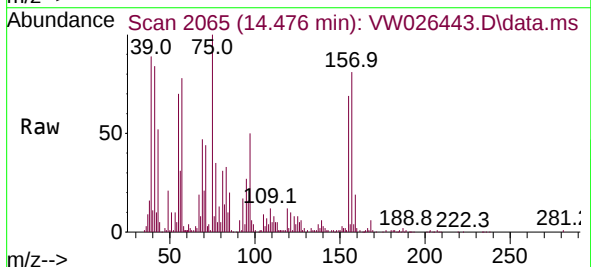
Tgt Ion: 75 Resp: 37234

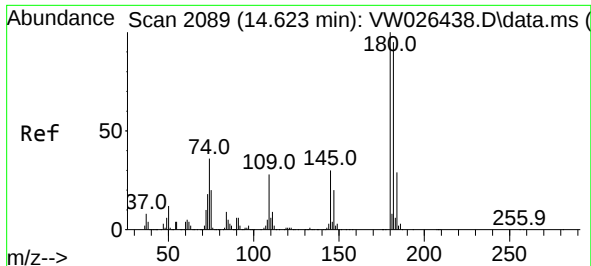
Ion Ratio Lower Upper

75 100

155 68.6 58.5 87.7

157 80.6 77.4 116.2

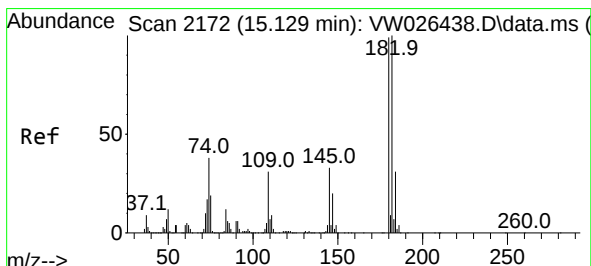
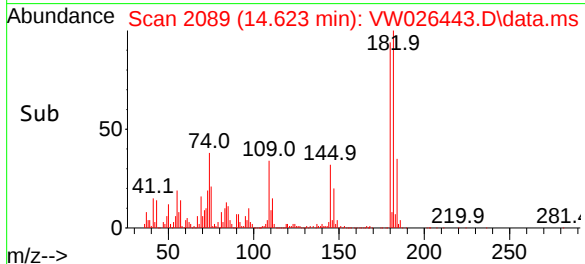
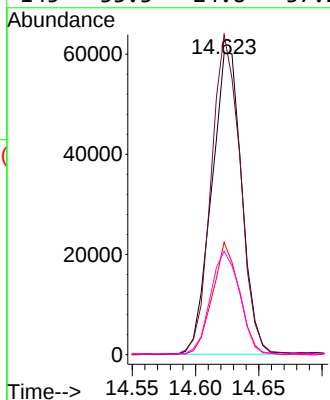
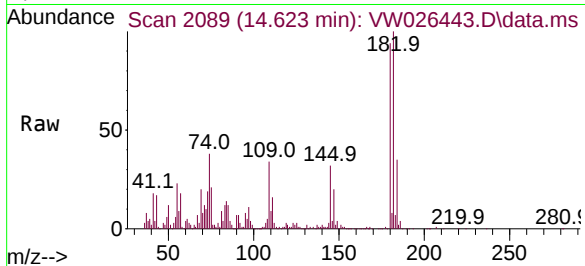




#69
 1,3,5-Trichlorobenzene
 Concen: 11.817 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026443.D
 Acq: 29 Jun 2023 19:38

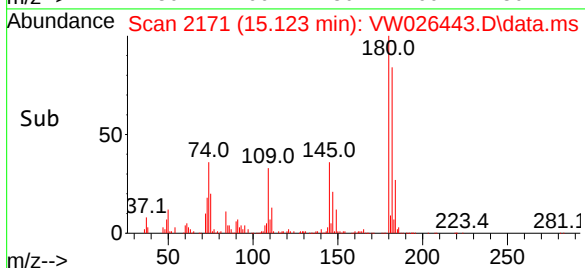
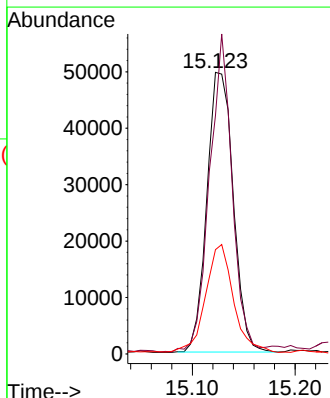
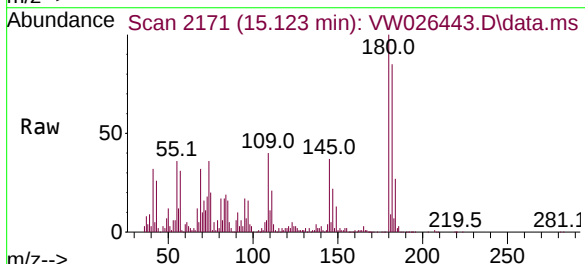
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MSD

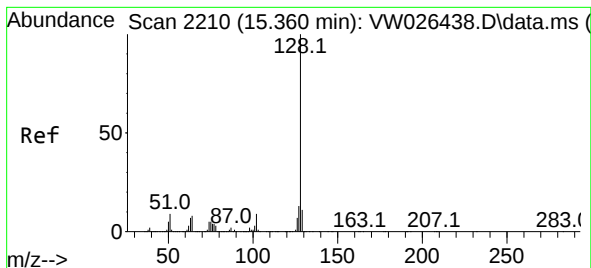
Tgt Ion:180	Resp:	99925
Ion Ratio	Lower	Upper
180	100	
182	101.4	74.5 111.7
184	33.1	23.8 35.6
145	33.3	24.8 37.2



#70
 1,2,4-trichlorobenzene
 Concen: 12.062 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW026443.D
 Acq: 29 Jun 2023 19:38

Tgt Ion:180	Resp:	88273
Ion Ratio	Lower	Upper
180	100	
182	97.3	75.5 113.3
145	40.8	26.2 39.2#





#71

Naphthalene

Concen: 20.663 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Instrument :

MSVOA_W

ClientSampleId :

A46K6MSD

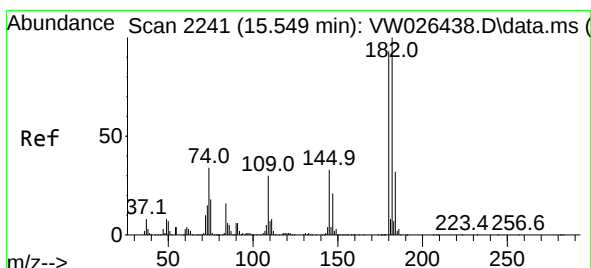
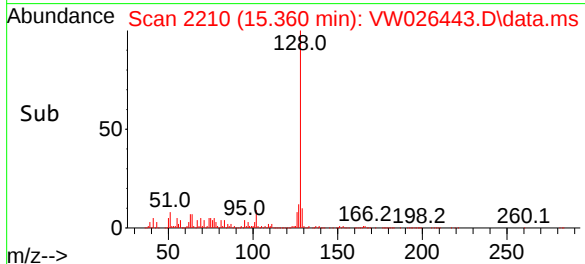
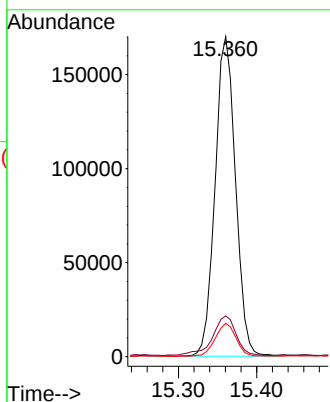
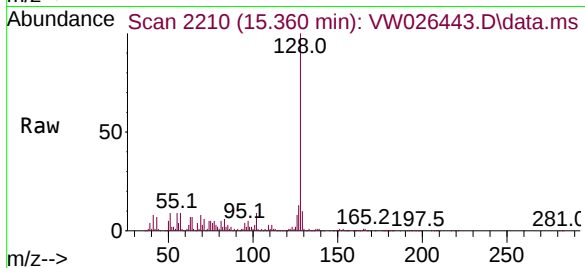
Tgt Ion:128 Resp: 308249

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

129 10.5 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 11.738 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026443.D

Acq: 29 Jun 2023 19:38

Tgt Ion:180 Resp: 73874

Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 37.7 27.0 40.6

