

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026444.D
 Acq On : 29 Jun 2023 20:02
 Operator : SY/MD
 Sample : 03421-22MS
 Misc : 4.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

Quant Time: Jun 30 01:22:20 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	918666	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	638515	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247314	23.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
7) Chloroethane-d5	2.893	69	196801	23.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.440%
11) 1,1-Dichloroethene-d2	4.021	65	121153	23.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.600%
21) 2-Butanone-d5	7.075	46	186778	47.249	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.500%
24) Chloroform-d	7.648	84	485428	21.679	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	8.307	65	270845	22.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.276	84	1002351	26.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.960%
36) 1,2-Dichloropropane-d6	9.270	67	319695	27.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.040%
41) Toluene-d8	10.325	98	788236	24.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.575	79	107511	22.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.922	63	120633	60.947	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201277	22.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	109089	17.936	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	193876	21.627	ug/L	# 75
3) Chloromethane	2.229	50	337805	26.733	ug/L	99
5) Vinyl chloride	2.375	62	330948	25.412	ug/L	100
6) Bromomethane	2.789	94	170997	23.088	ug/L	98
8) Chloroethane	2.930	64	204217	25.855	ug/L	99
9) Trichlorofluoromethane	3.265	101	269489	28.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	227824	21.675	ug/L	99
12) 1,1-Dichloroethene	4.045	96	262550	25.521	ug/L	87
13) Acetone	4.118	43	436831	156.431	ug/L	97
14) Carbon disulfide	4.387	76	765176	22.982	ug/L	100
15) Methyl Acetate	4.667	43	172207	28.401	ug/L	100
16) Methylene chloride	4.923	84	297615	19.173	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	270331	24.428	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	512111	28.316	ug/L	99
19) 1,1-Dichloroethane	6.216	63	584241	26.237	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	303223	24.190	ug/L	97
22) 2-Butanone	7.167	43	372909	81.451	ug/L	97
23) Bromochloromethane	7.514	128	131128	25.153	ug/L	96
25) Chloroform	7.673	83	527058	24.386	ug/L	100

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 Response via : Initial Calibration

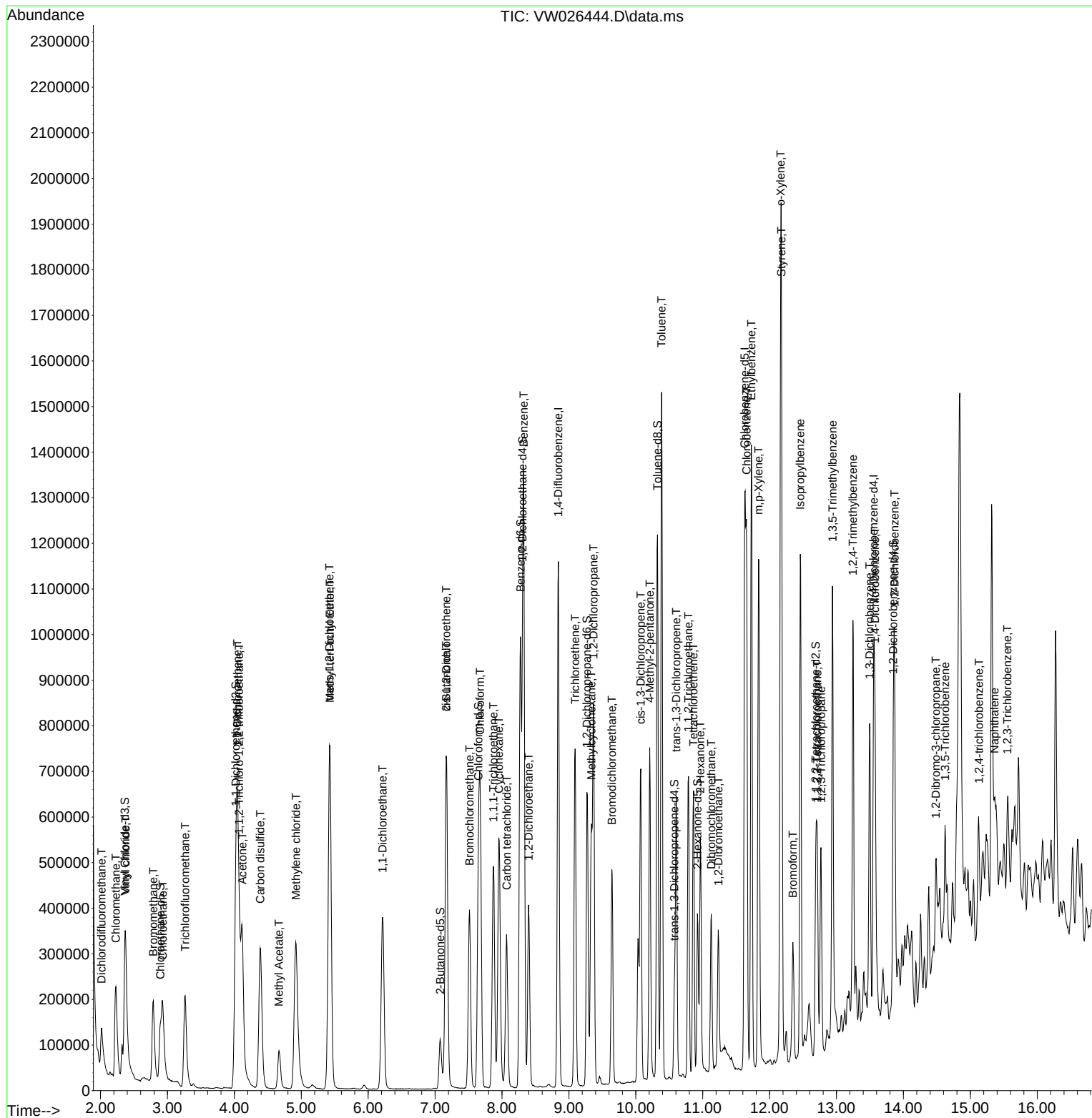
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	363491	24.597	ug/L	99
29) Cyclohexane	7.953	56	341779	18.882	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	401998	29.554	ug/L	99
31) Carbon tetrachloride	8.069	117	252605	20.628	ug/L	100
33) Benzene	8.325	78	1186160	29.665	ug/L	100
34) Trichloroethene	9.093	95	270526	26.559	ug/L	93
35) Methylcyclohexane	9.337	83	217248	11.972	ug/L	99
37) 1,2-Dichloropropane	9.367	63	319282	30.078	ug/L	100
38) Bromodichloromethane	9.642	83	320394	26.892	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	410605	25.844	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	511517	70.184	ug/L	98
42) Toluene	10.386	91	1083034	26.474	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	330995	25.492	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	212732	29.420	ug/L	97
46) Tetrachloroethene	10.861	164	141313	19.623	ug/L	95
48) 2-Hexanone	10.965	43	339007	69.299	ug/L	99
49) Dibromochloromethane	11.129	129	179916	24.982	ug/L	100
50) 1,2-Dibromoethane	11.233	107	192872	29.007	ug/L	97
51) Chlorobenzene	11.654	112	576099	22.760	ug/L	98
52) Ethylbenzene	11.727	91	979094	21.269	ug/L	100
53) m,p-Xylene	11.837	106	346024	20.271	ug/L	100
54) o-Xylene	12.166	106	334028	21.099	ug/L	90
55) Styrene	12.178	104	542118	20.061	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	210214	23.808	ug/L	97
59) Bromoform	12.349	173	87137	37.675	ug/L	95
60) Isopropylbenzene	12.458	105	710711	27.896	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	176520	46.236	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	483754	23.878	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	490088	24.762	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	227589	21.291	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	225371	21.199	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	200288	20.705	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	30115	34.423	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	74937	10.298	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	59824	9.499	ug/L	98
71) Naphthalene	15.360	128	205700	16.023	ug/L	97
72) 1,2,3-Trichlorobenzene	15.555	180	42617	7.869	ug/L #	89

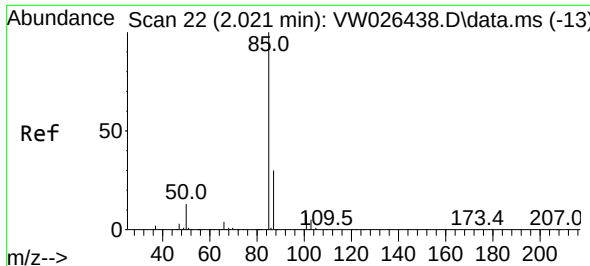
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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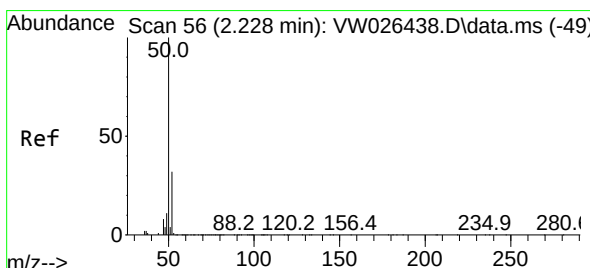
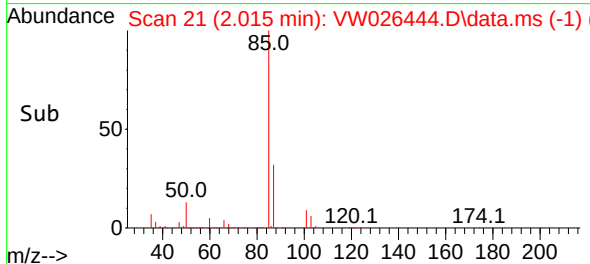
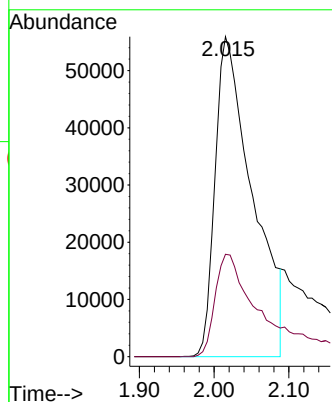
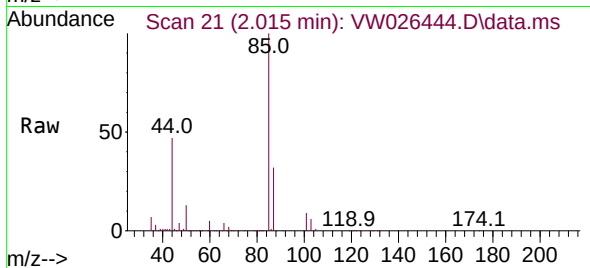




#2
 Dichlorodifluoromethane
 Concen: 21.627 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026444.D
 Acq: 29 Jun 2023 20:02

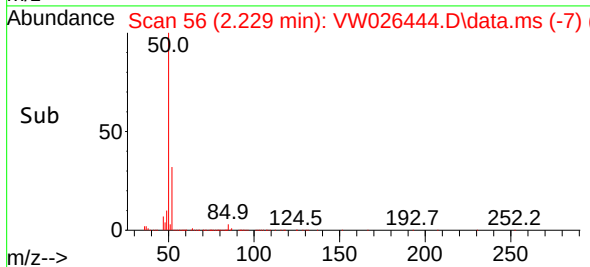
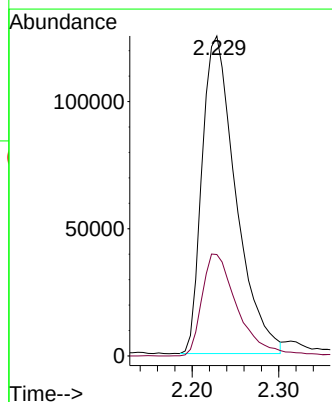
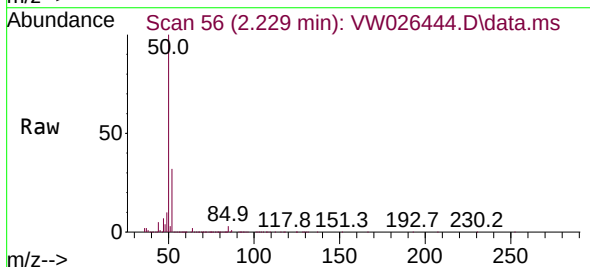
Instrument :
 MSVOA_W
 ClientSampleId :
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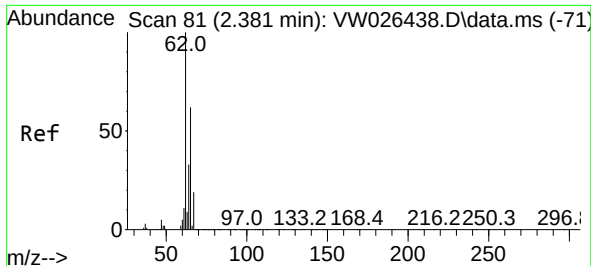
Tgt Ion: 85 Resp: 193876
 Ion Ratio Lower Upper
 85 100
 87 35.8 19.0 28.4#



#3
 Chloromethane
 Concen: 26.733 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026444.D
 Acq: 29 Jun 2023 20:02

Tgt Ion: 50 Resp: 337805
 Ion Ratio Lower Upper
 50 100
 52 31.7 21.7 40.3

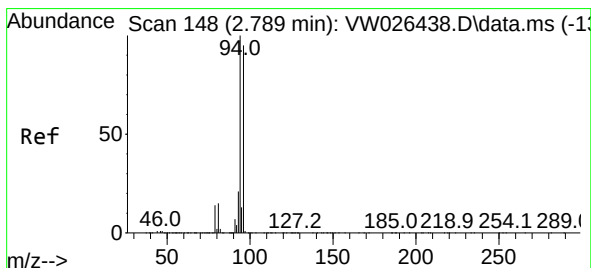
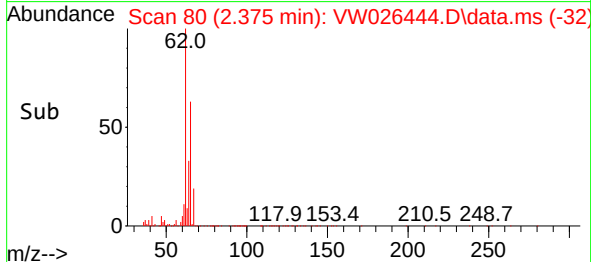
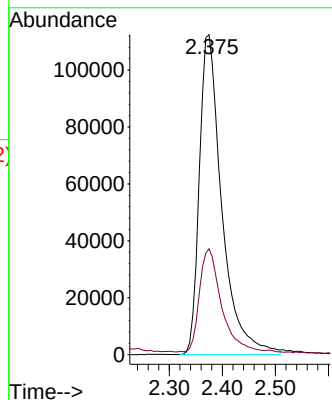
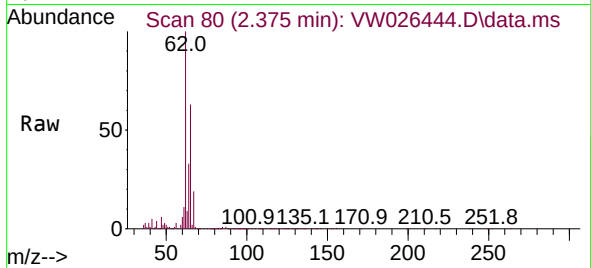




#5
 Vinyl chloride
 Concen: 25.412 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026444.D
 Acq: 29 Jun 2023 20:02

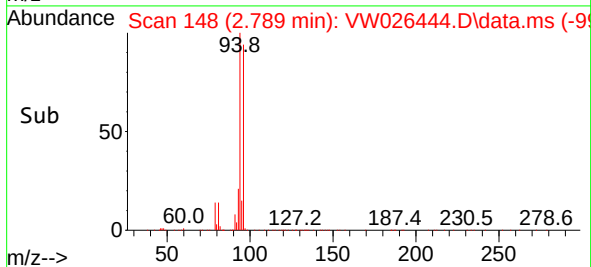
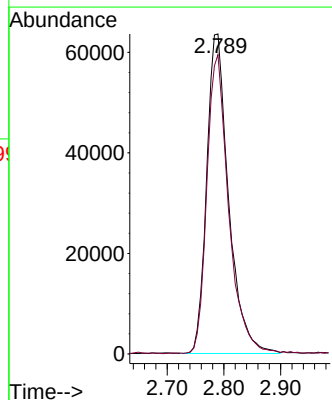
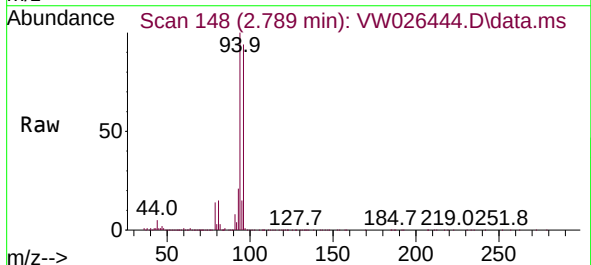
Instrument :
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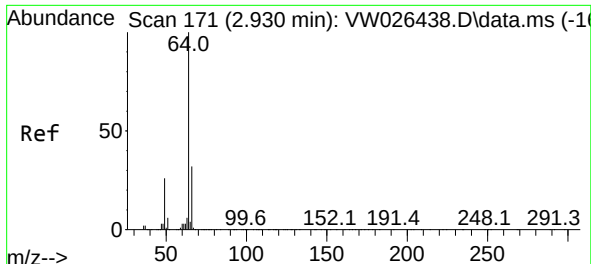
Tgt Ion: 62 Resp: 330948
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.8



#6
 Bromomethane
 Concen: 23.088 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026444.D
 Acq: 29 Jun 2023 20:02

Tgt Ion: 94 Resp: 170997
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.3 119.3

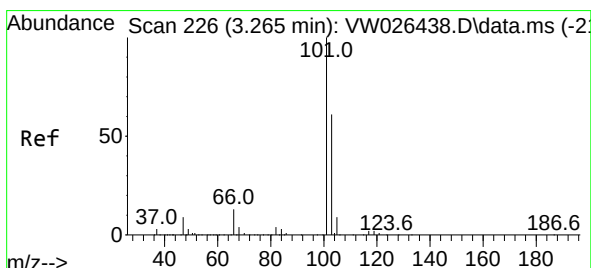
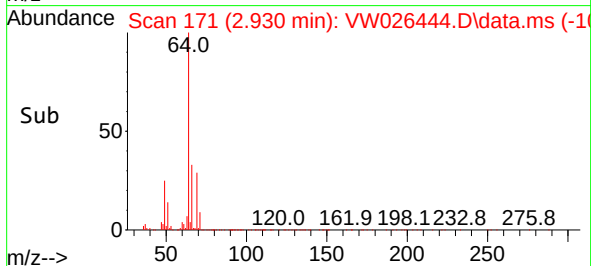
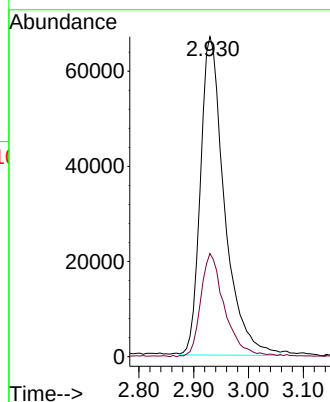
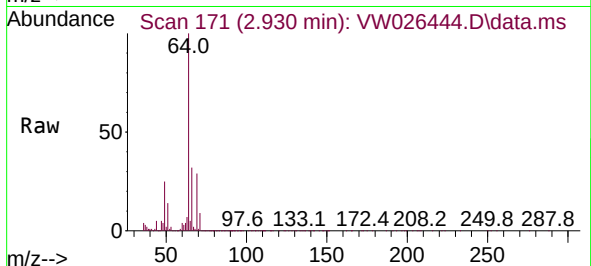




#8
Chloroethane
Concen: 25.855 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

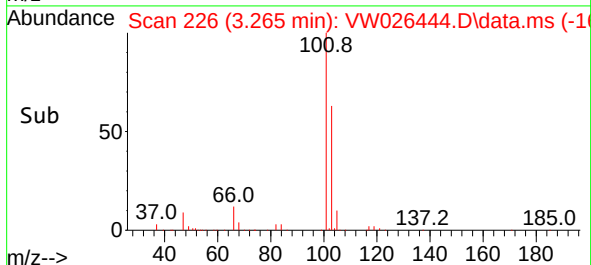
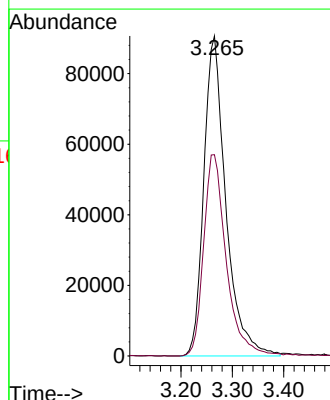
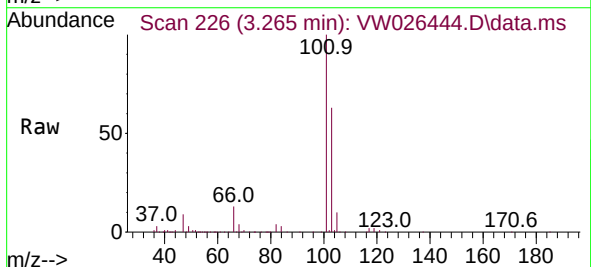
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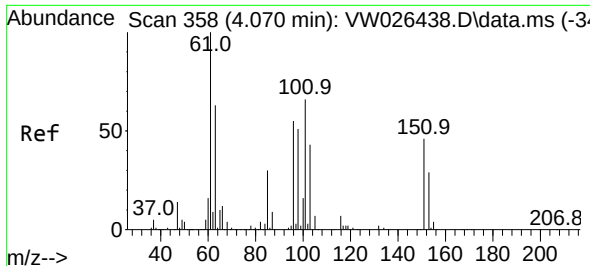
Tgt Ion: 64 Resp: 204217
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.457 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 101 Resp: 269489
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

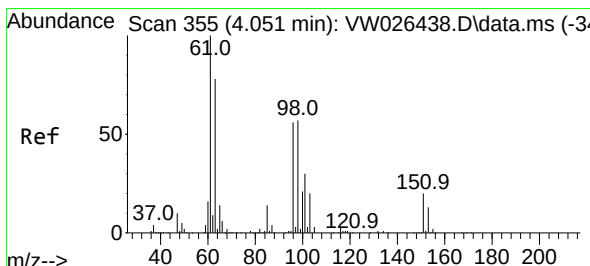
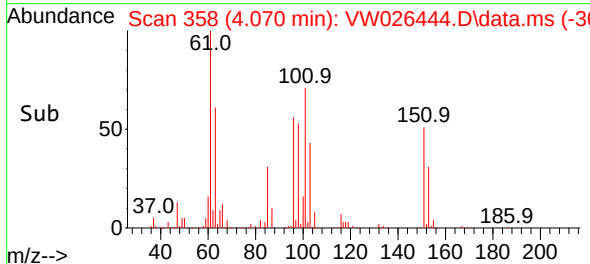
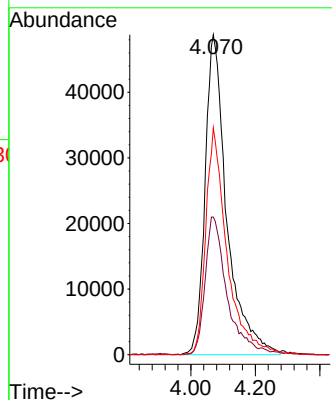
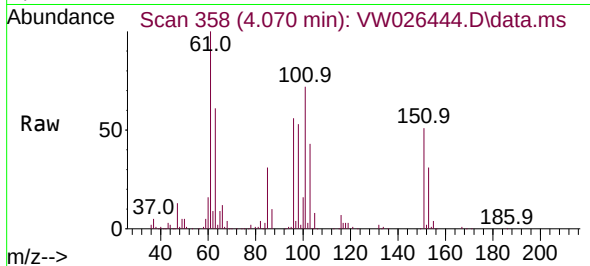




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.675 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026444.D
 Acq: 29 Jun 2023 20:02

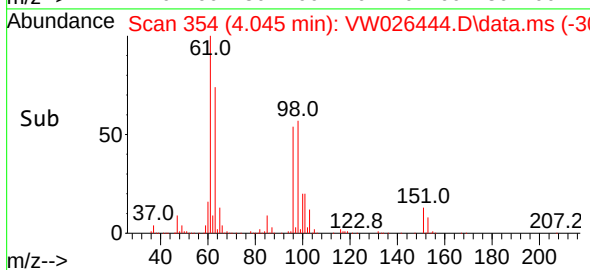
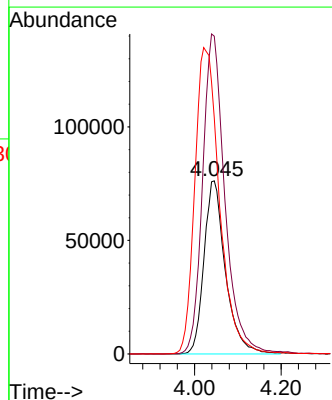
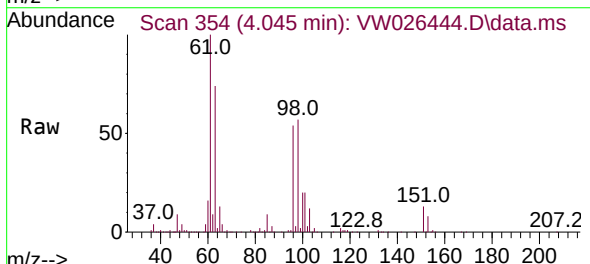
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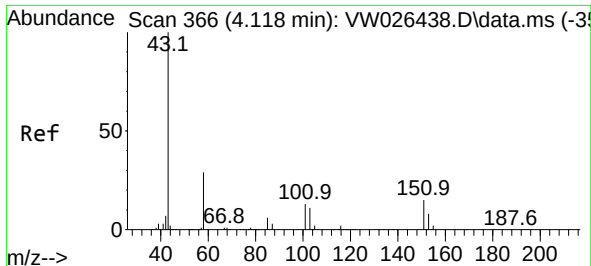
Tgt Ion:101 Resp: 227824
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.1 51.1
 151 66.4 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 25.521 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026444.D
 Acq: 29 Jun 2023 20:02

Tgt Ion: 96 Resp: 262550
 Ion Ratio Lower Upper
 96 100
 61 183.6 134.0 248.8
 63 136.3 117.1 217.5

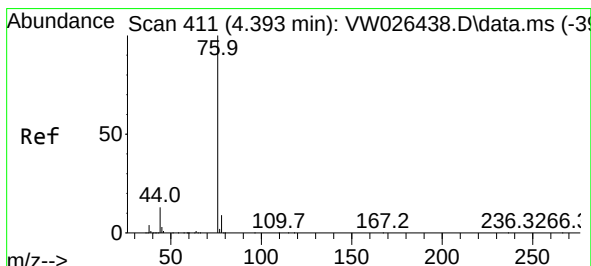
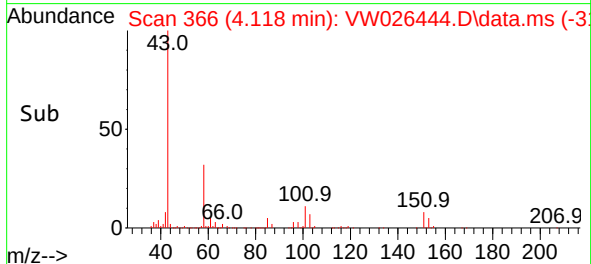
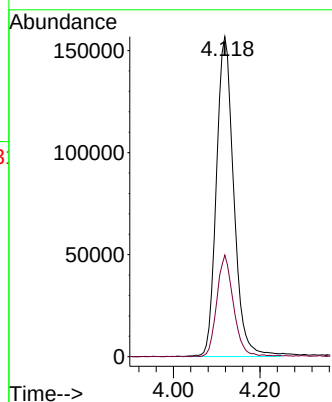
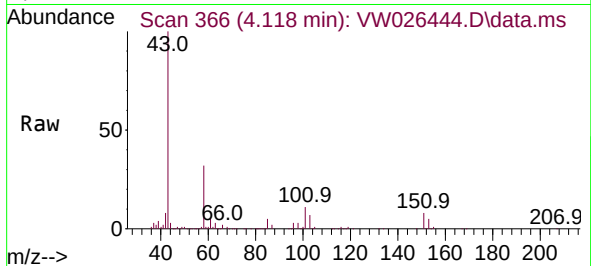




#13
Acetone
Concen: 156.431 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

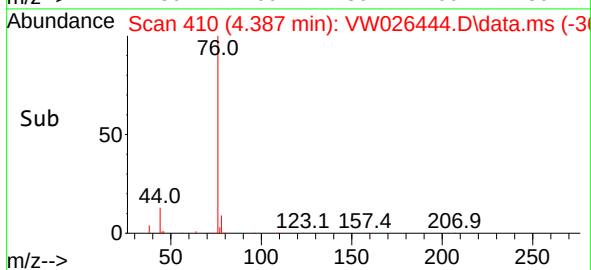
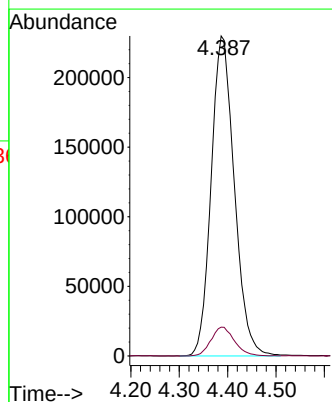
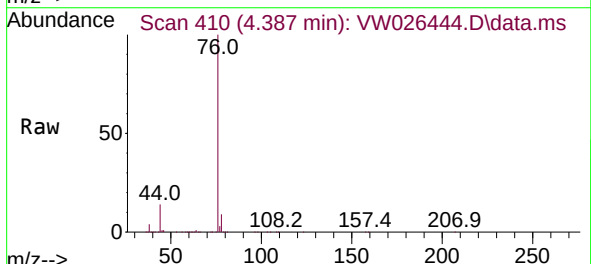
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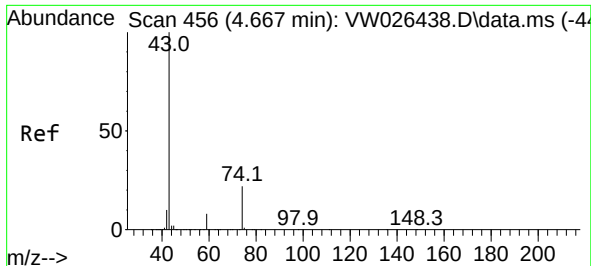
Tgt Ion: 43 Resp: 436831
Ion Ratio Lower Upper
43 100
58 30.1 0.0 63.2



#14
Carbon disulfide
Concen: 22.982 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 765176
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

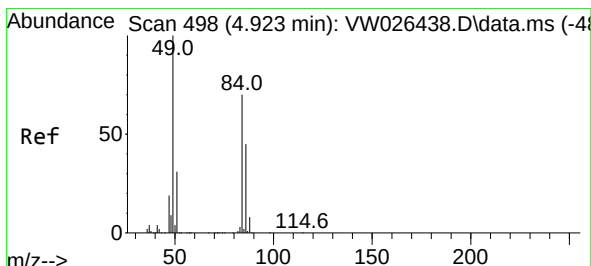
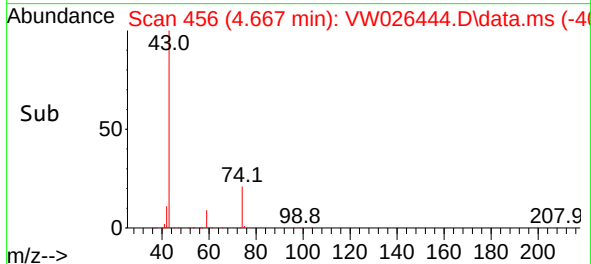
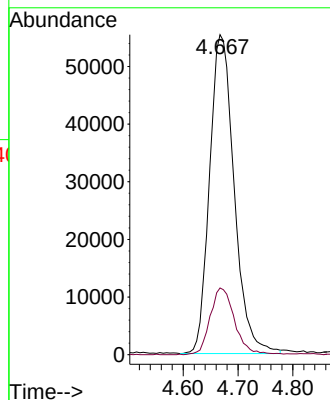
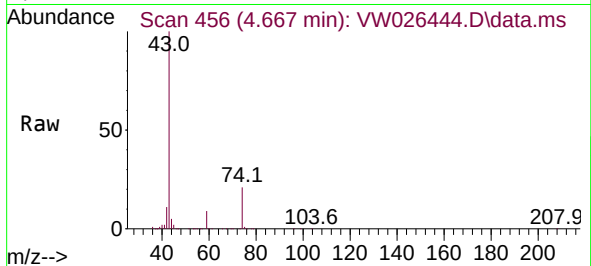




#15
Methyl Acetate
Concen: 28.401 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

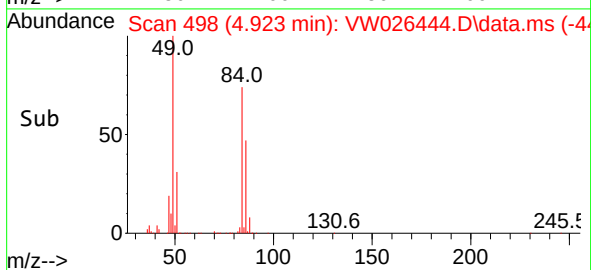
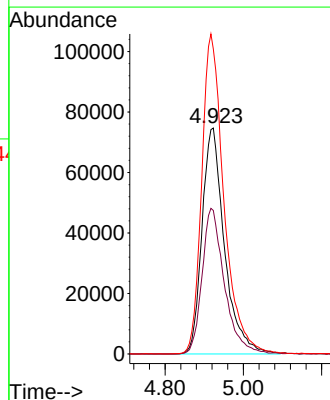
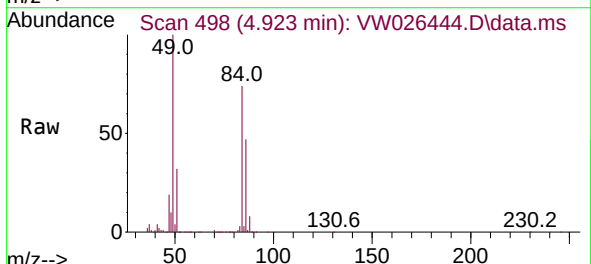
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

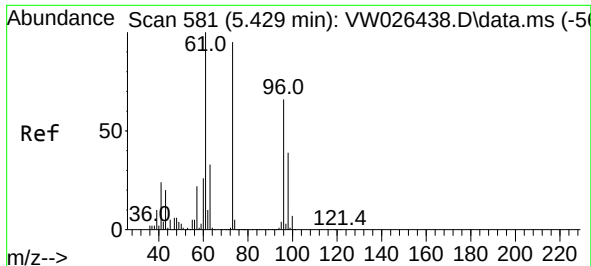
Tgt Ion: 43 Resp: 172207
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 19.173 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 84 Resp: 297615
Ion Ratio Lower Upper
84 100
86 63.5 44.1 81.9
49 134.9 94.1 174.8

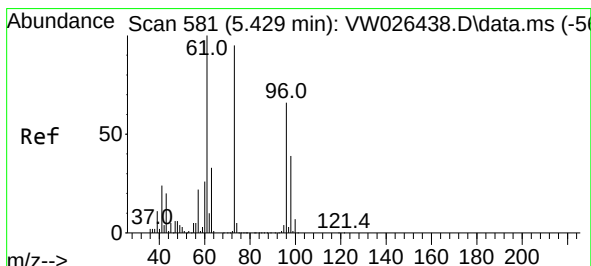
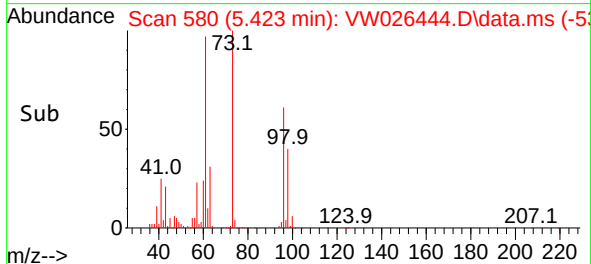
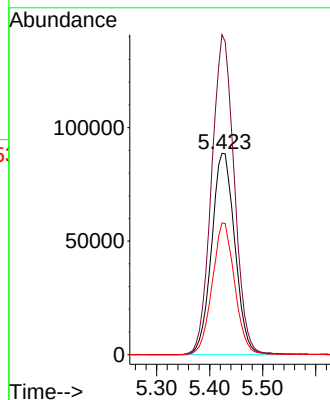
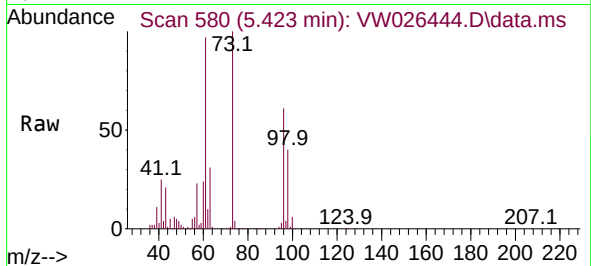




#17
trans-1,2-Dichloroethene
Concen: 24.428 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

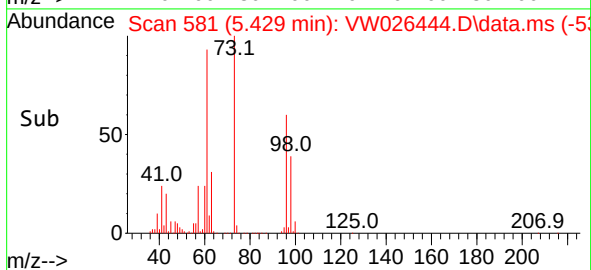
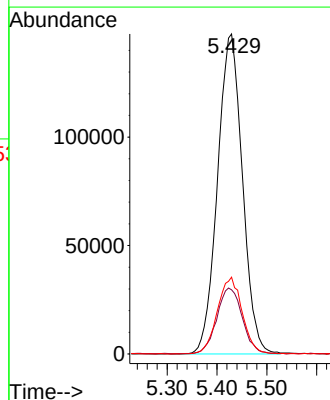
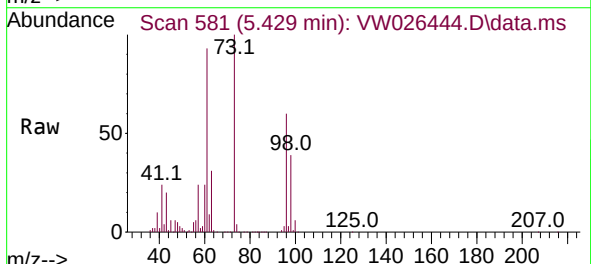
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

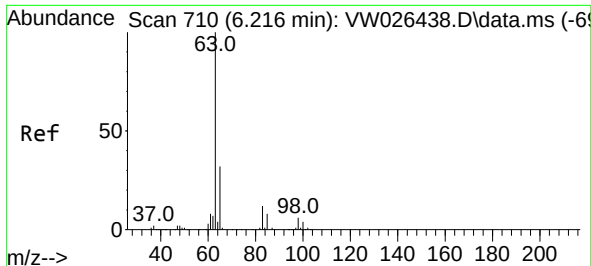
Tgt Ion: 96 Resp: 270331
Ion Ratio Lower Upper
96 100
61 159.0 105.2 195.4
98 65.5 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 28.316 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 73 Resp: 512111
Ion Ratio Lower Upper
73 100
43 20.9 16.6 25.0
57 23.6 19.3 28.9

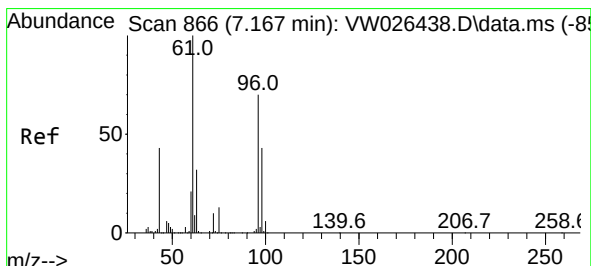
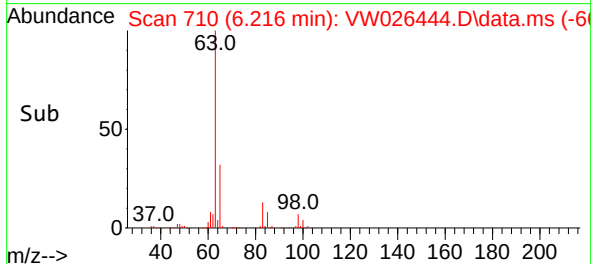
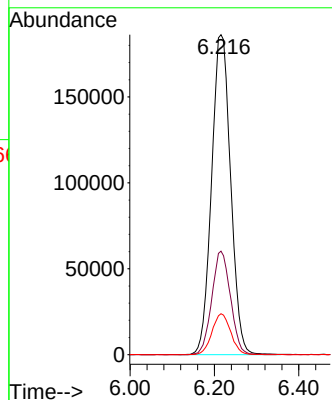
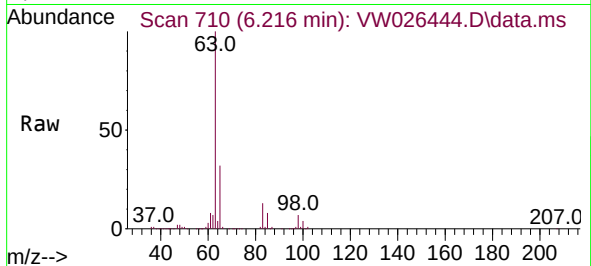




#19
1,1-Dichloroethane
Concen: 26.237 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

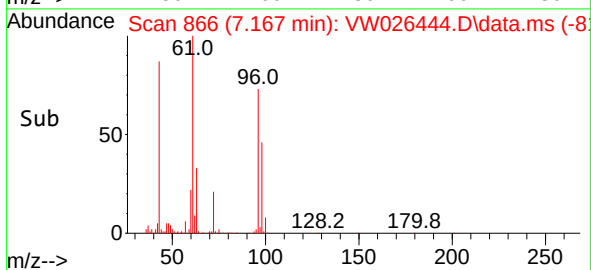
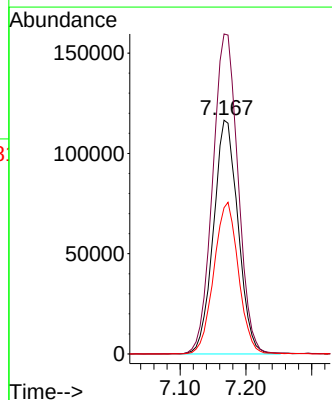
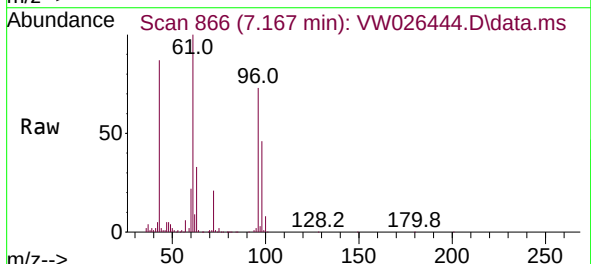
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

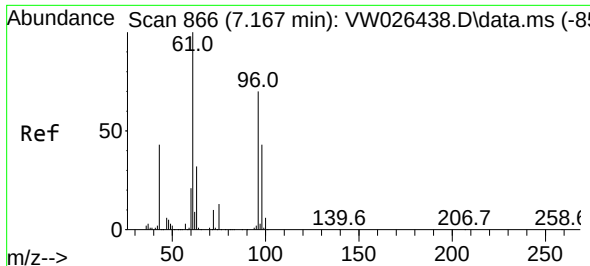
Tgt Ion: 63 Resp: 584241
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 12.8 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 24.190 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 96 Resp: 303223
Ion Ratio Lower Upper
96 100
61 136.9 99.3 184.5
98 62.6 44.3 82.3

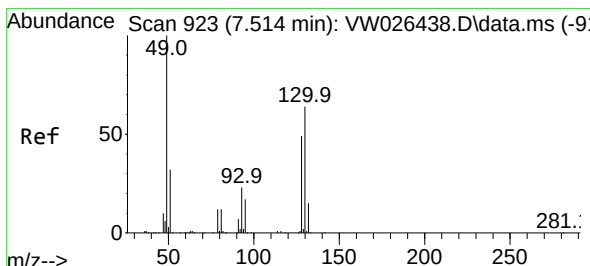
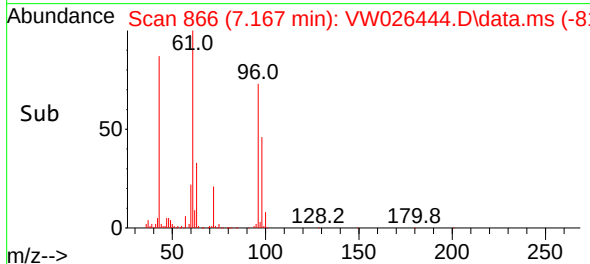
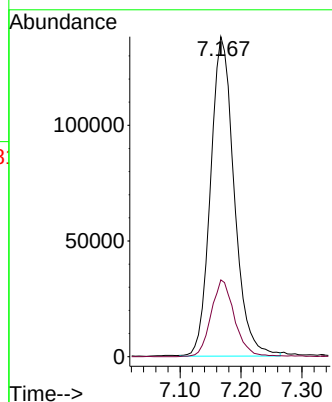
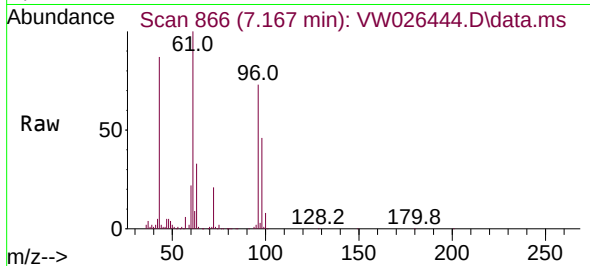




#22
2-Butanone
Concen: 81.451 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

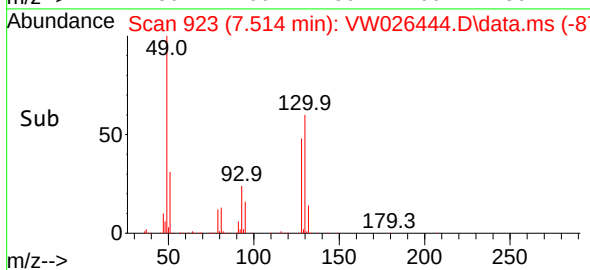
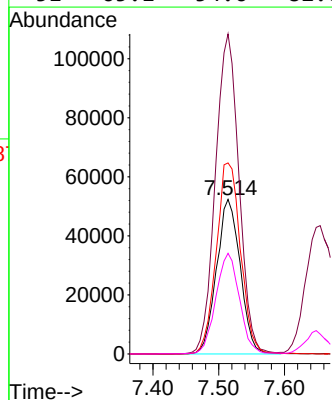
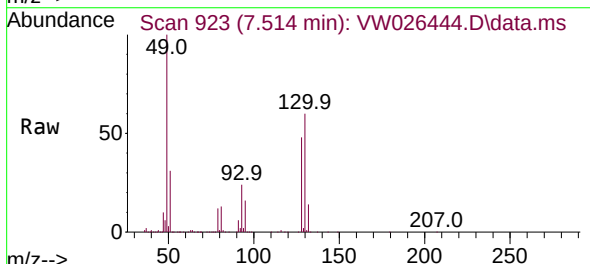
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

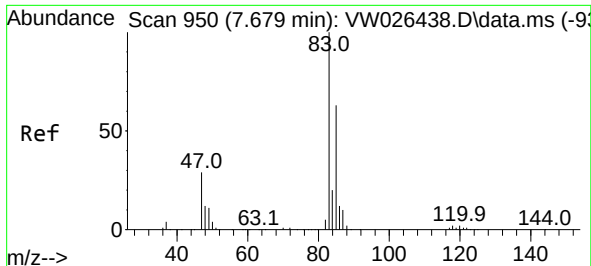
Tgt Ion: 43 Resp: 372909
Ion Ratio Lower Upper
43 100
72 23.9 12.6 37.8



#23
Bromochloromethane
Concen: 25.153 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 128 Resp: 131128
Ion Ratio Lower Upper
128 100
49 207.1 149.2 277.2
130 123.6 89.2 165.8
51 65.1 54.6 82.0

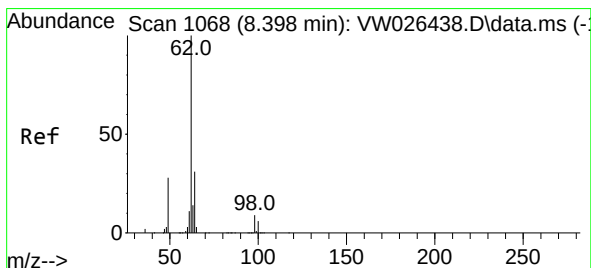
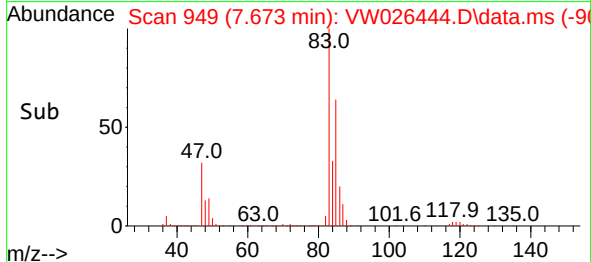
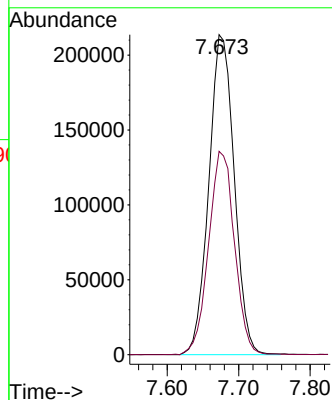
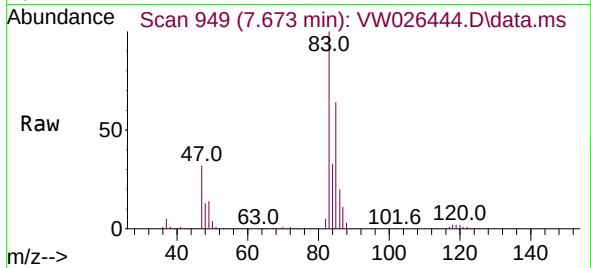




#25
Chloroform
Concen: 24.386 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

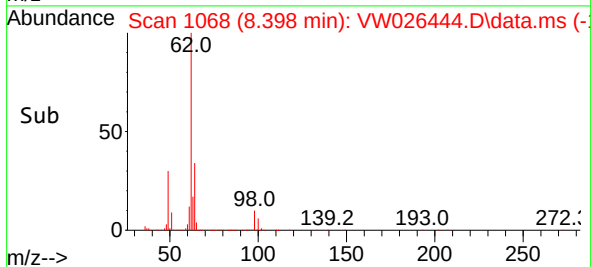
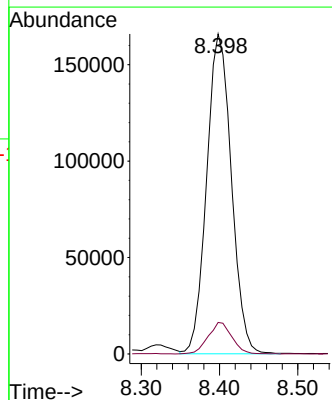
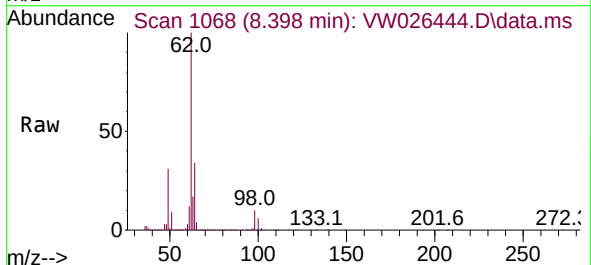
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

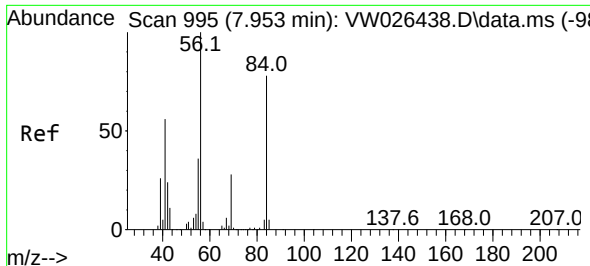
Tgt Ion: 83 Resp: 527058
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.4



#27
1,2-Dichloroethane
Concen: 24.597 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

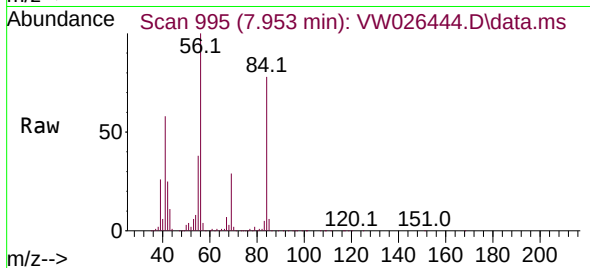
Tgt Ion: 62 Resp: 363491
Ion Ratio Lower Upper
62 100
98 9.8 7.6 11.4



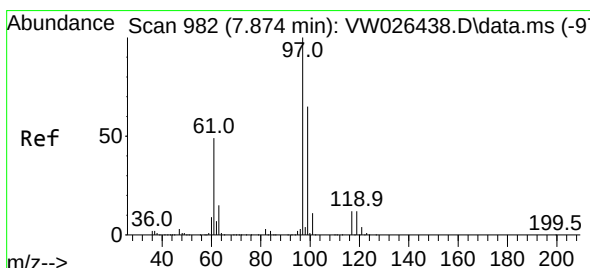
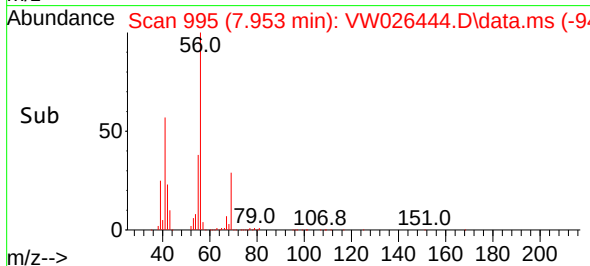
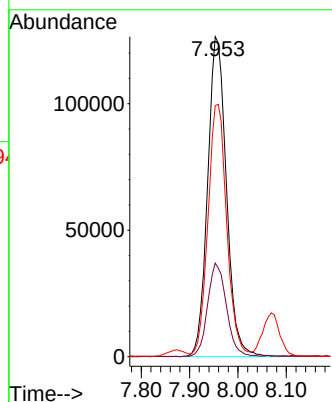


#29
Cyclohexane
Concen: 18.882 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

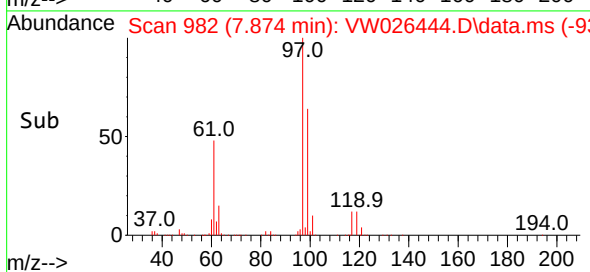
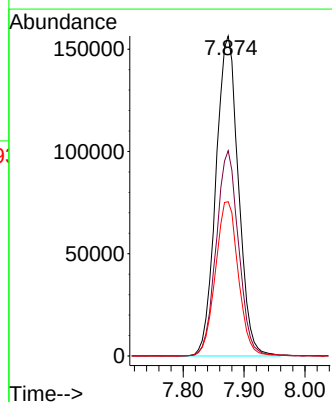
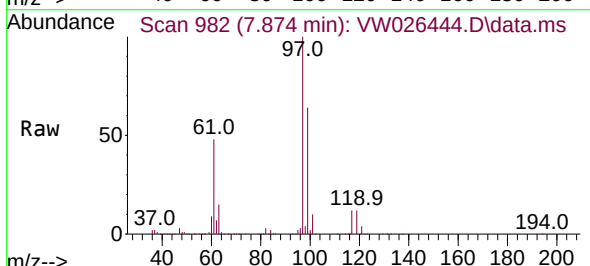


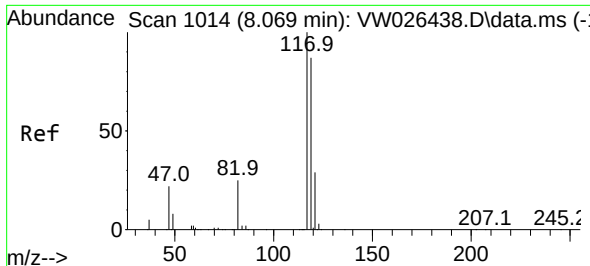
Tgt Ion:	56	Resp:	341779
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.2	34.8
84	78.7	63.5	95.3



#30
1,1,1-Trichloroethane
Concen: 29.554 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion:	97	Resp:	401998
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	49.0	39.5	59.3

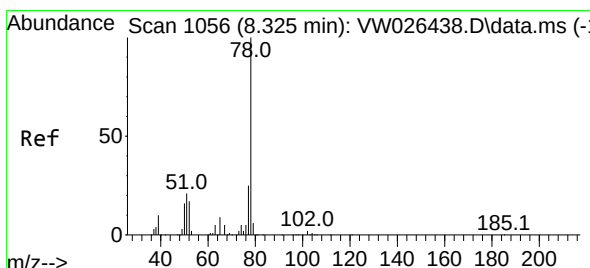
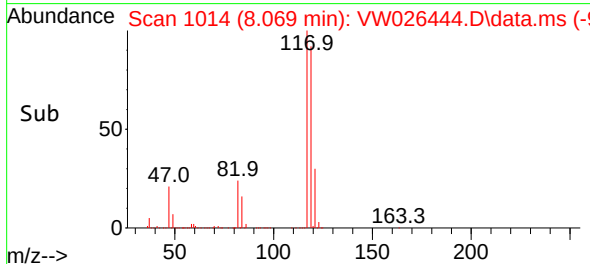
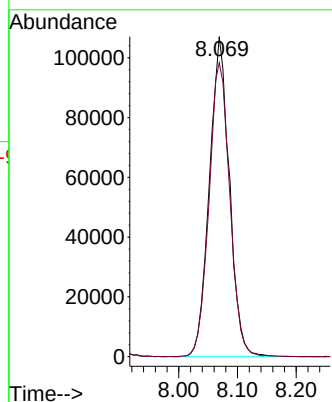
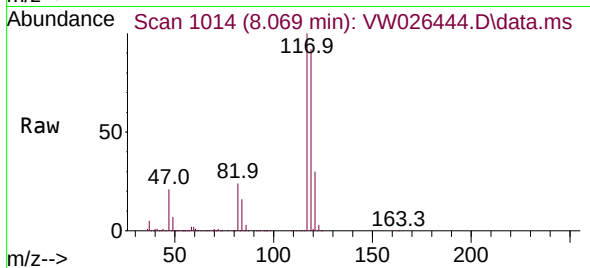




#31
Carbon tetrachloride
Concen: 20.628 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

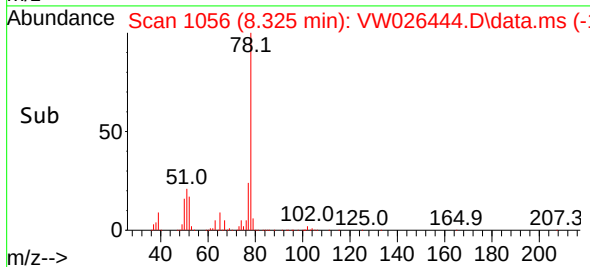
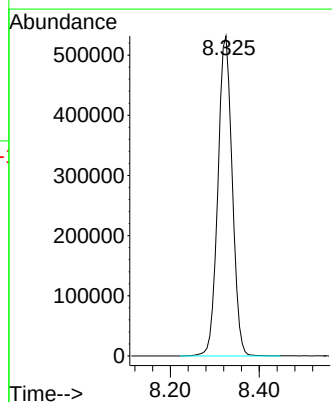
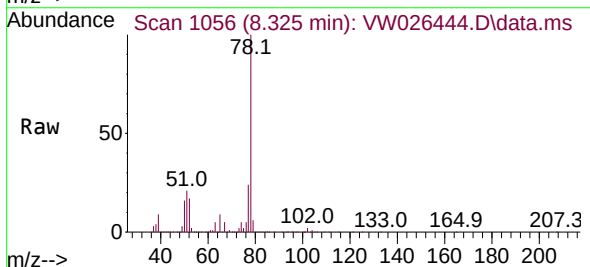
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

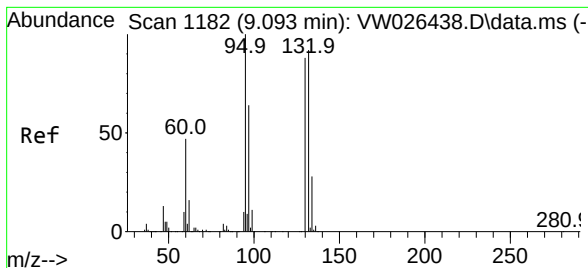
Tgt Ion:117 Resp: 252605
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2



#33
Benzene
Concen: 29.665 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 78 Resp: 1186160





#34

Trichloroethene

Concen: 26.559 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

Tgt Ion: 95 Resp: 270526

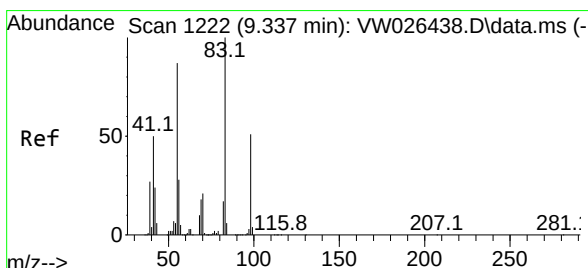
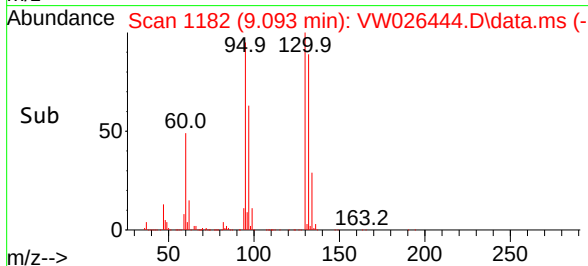
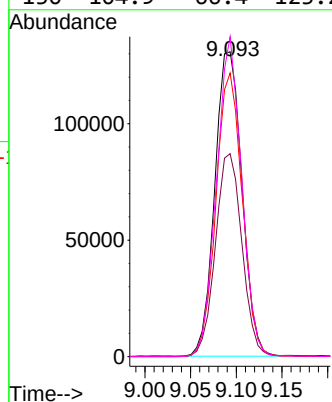
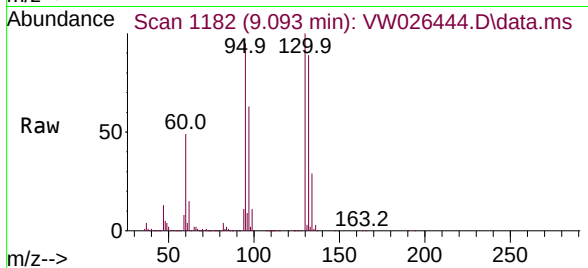
Ion Ratio Lower Upper

95 100

97 66.6 44.1 81.9

132 93.0 61.8 114.8

130 104.9 66.4 123.2



#35

Methylcyclohexane

Concen: 11.972 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

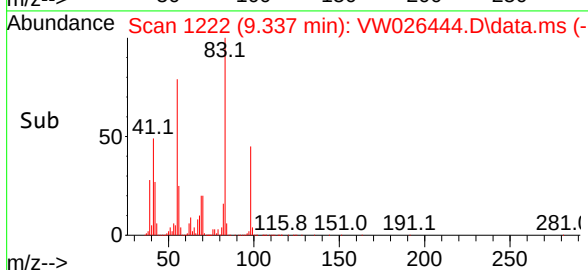
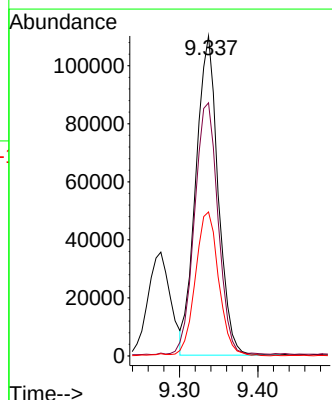
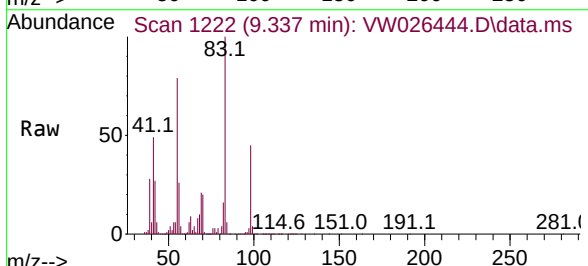
Tgt Ion: 83 Resp: 217248

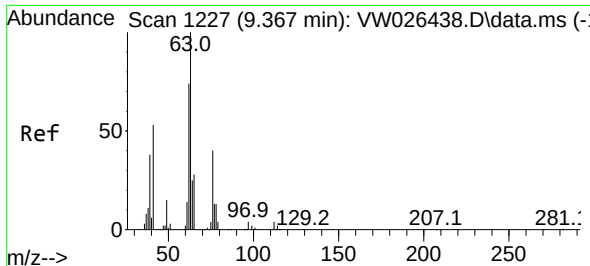
Ion Ratio Lower Upper

83 100

55 82.7 66.5 99.7

98 47.2 37.0 55.6

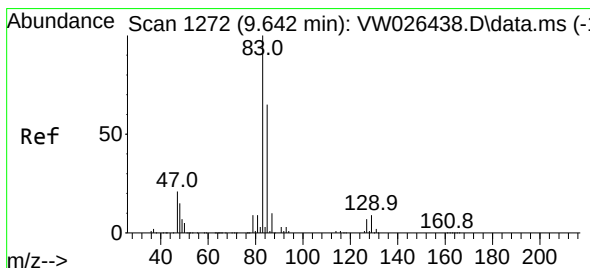
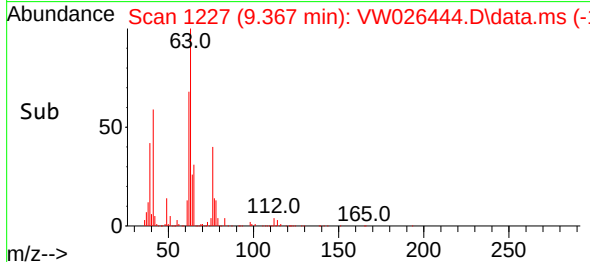
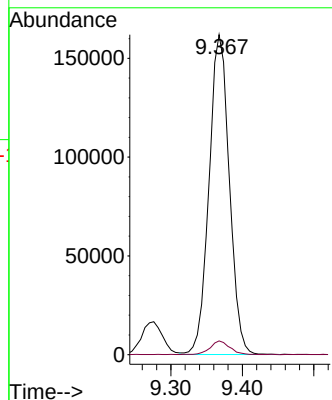
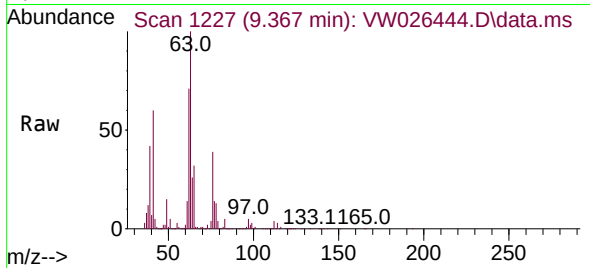




#37
1,2-Dichloropropane
Concen: 30.078 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

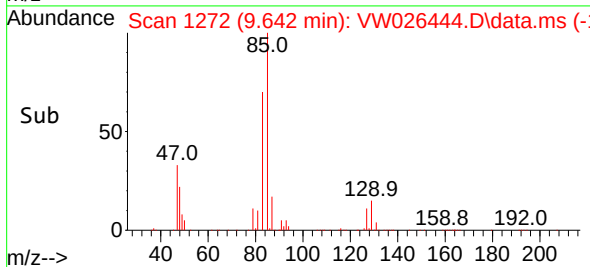
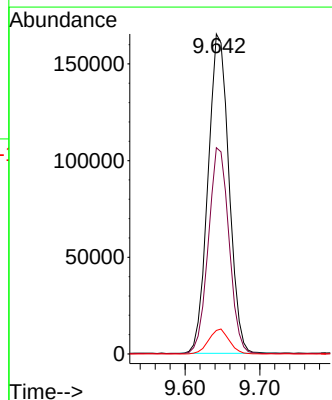
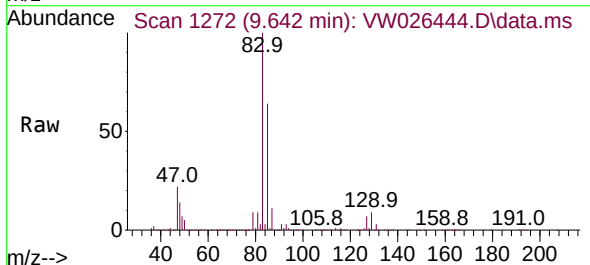
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

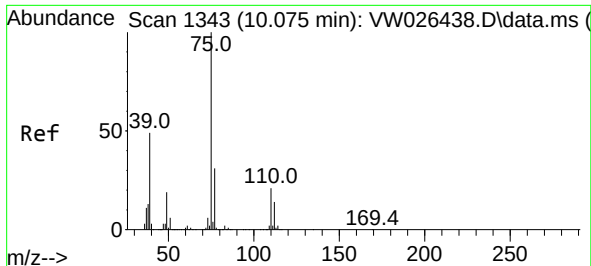
Tgt Ion: 63 Resp: 319282
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 26.892 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 83 Resp: 320394
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.844 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

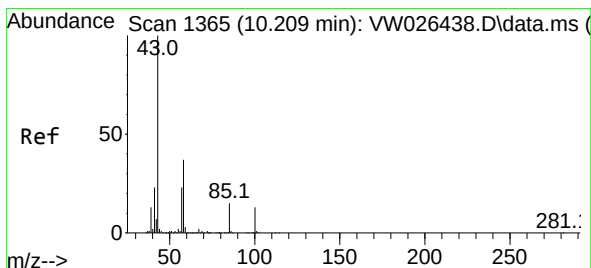
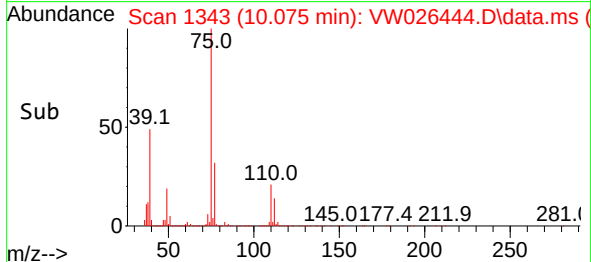
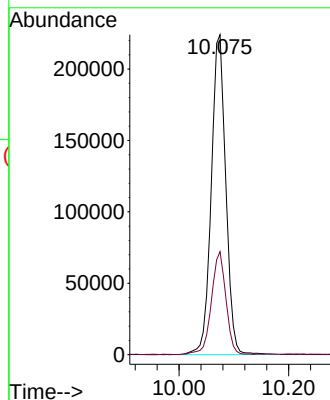
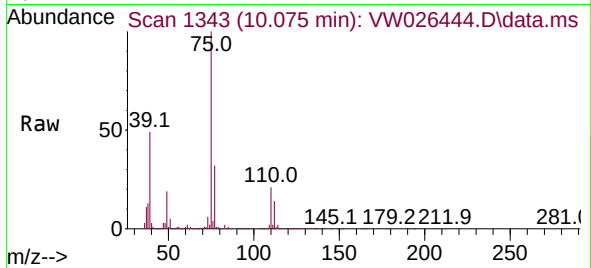
A46K6MS

Tgt Ion: 75 Resp: 410605

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 70.184 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

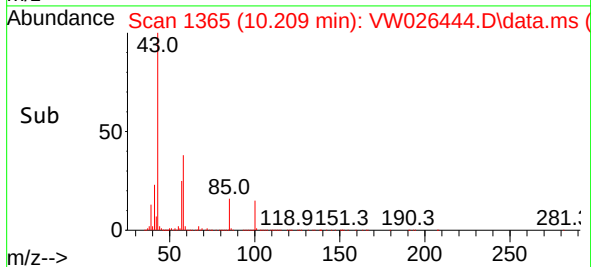
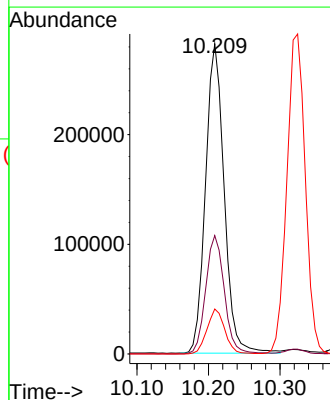
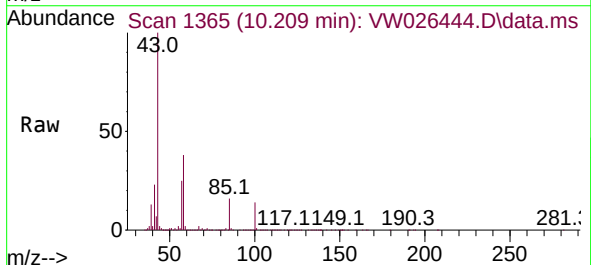
Tgt Ion: 43 Resp: 511517

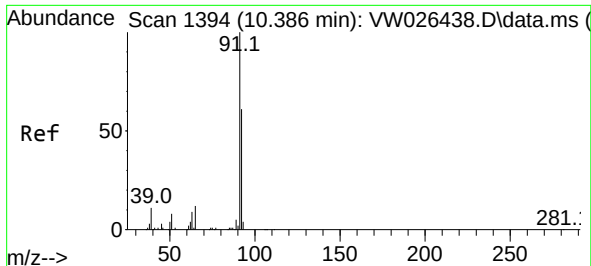
Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5

100 14.0 10.9 16.3

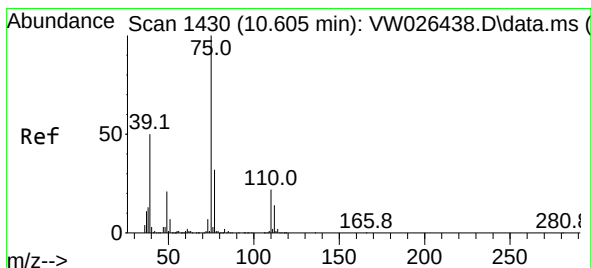
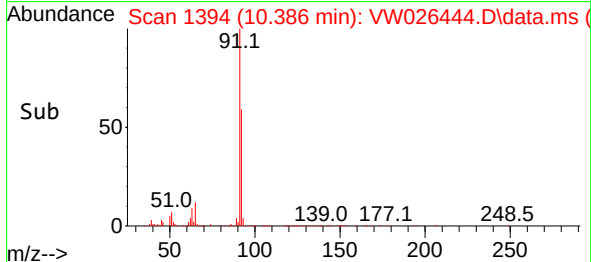
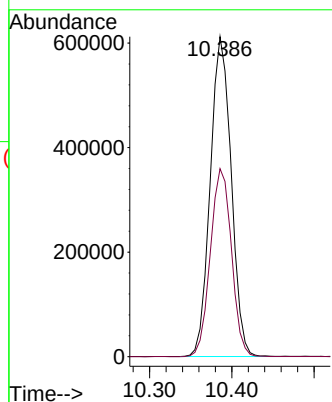
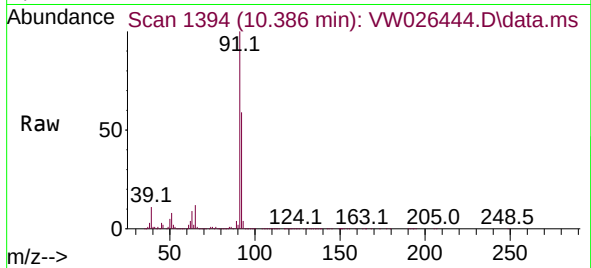




#42
Toluene
Concen: 26.474 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

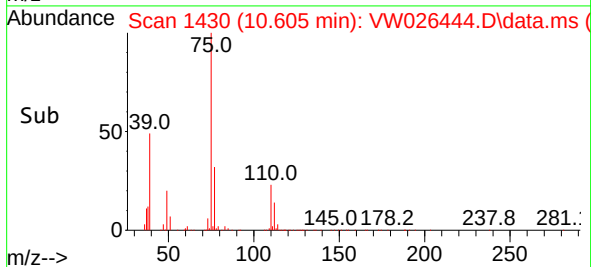
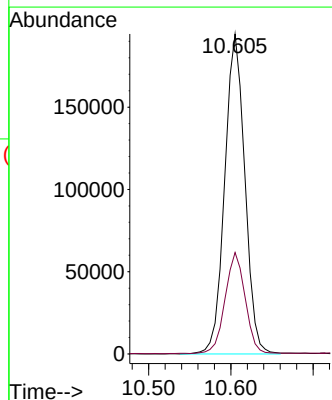
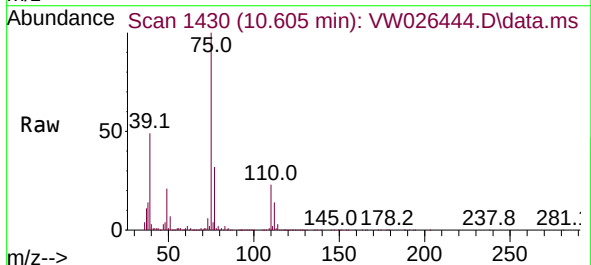
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

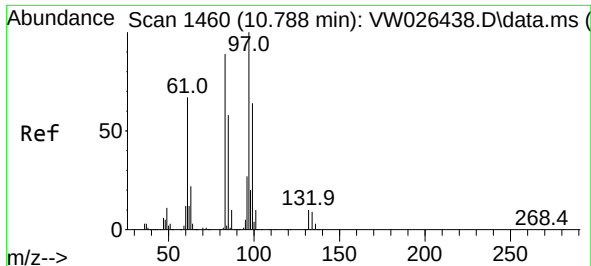
Tgt Ion: 91 Resp: 1083034
Ion Ratio Lower Upper
91 100
92 58.7 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 25.492 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 75 Resp: 330995
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6



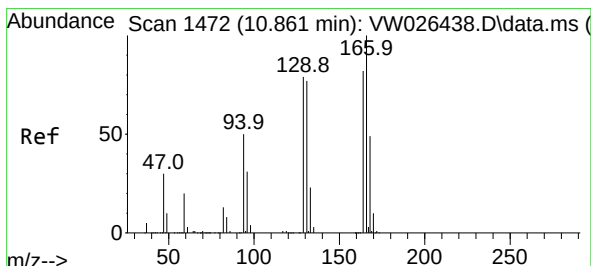
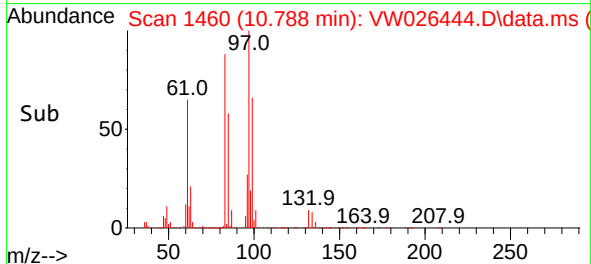
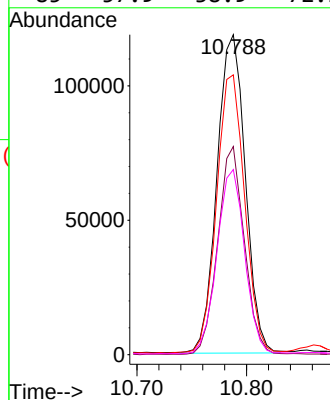
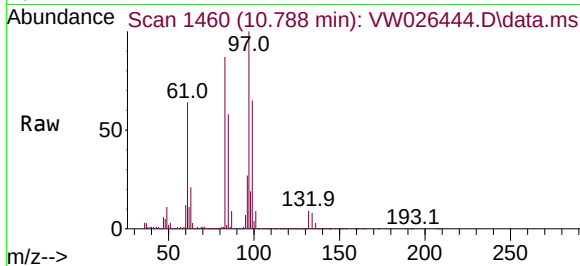


#45
1,1,2-Trichloroethane
Concen: 29.420 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

Tgt Ion: 97 Resp: 212732

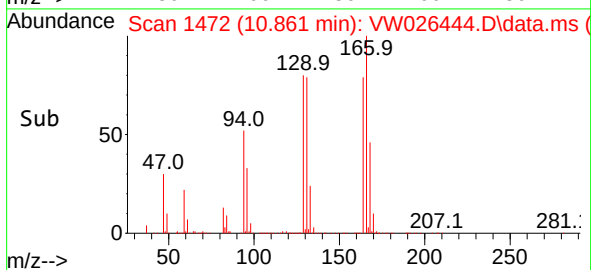
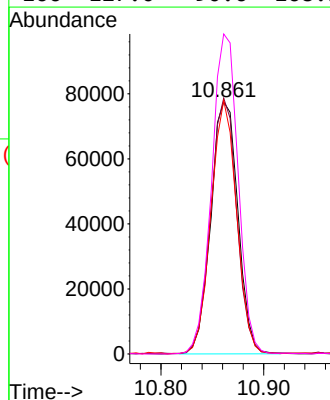
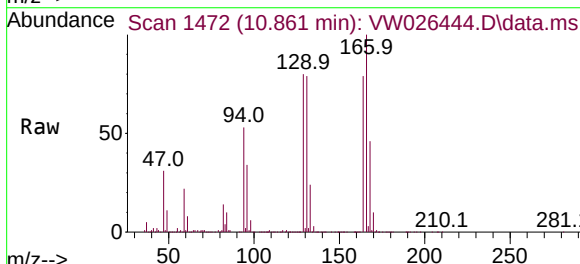
Ion	Ratio	Lower	Upper
97	100		
99	65.0	42.1	78.3
83	87.4	60.5	112.5
85	57.9	38.9	72.3

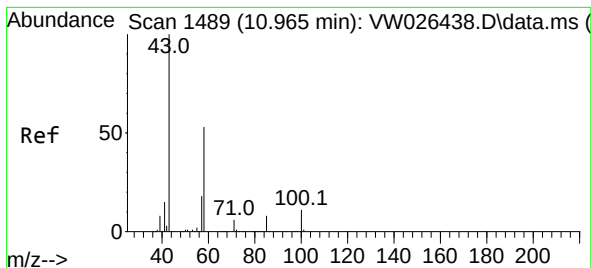


#46
Tetrachloroethene
Concen: 19.623 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 164 Resp: 141313

Ion	Ratio	Lower	Upper
164	100		
129	101.5	69.0	128.2
131	100.6	62.6	116.3
166	127.0	90.6	168.3





#48

2-Hexanone

Concen: 69.299 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

Tgt Ion: 43 Resp: 339007

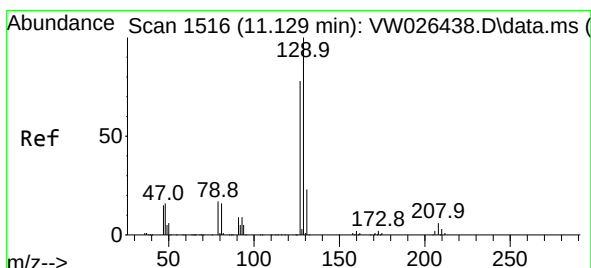
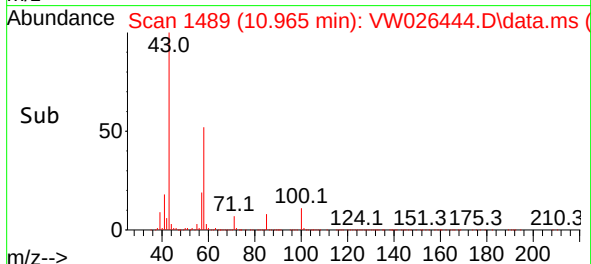
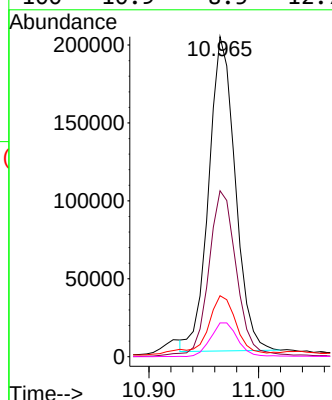
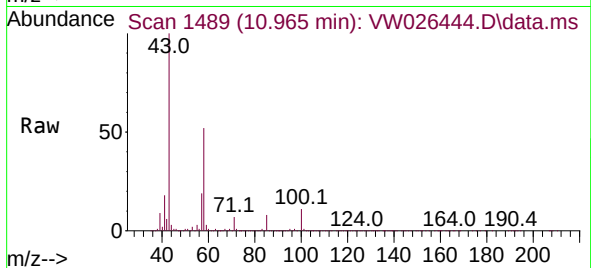
Ion Ratio Lower Upper

43 100

58 53.1 42.1 63.1

57 17.7 14.5 21.7

100 10.9 8.5 12.7



#49

Dibromochloromethane

Concen: 24.982 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW026444.D

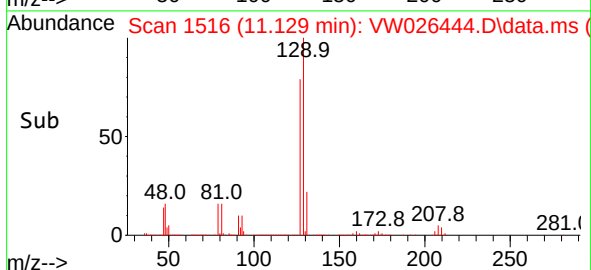
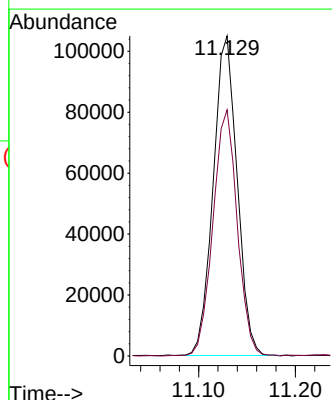
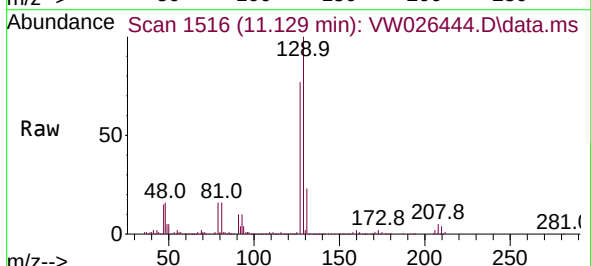
Acq: 29 Jun 2023 20:02

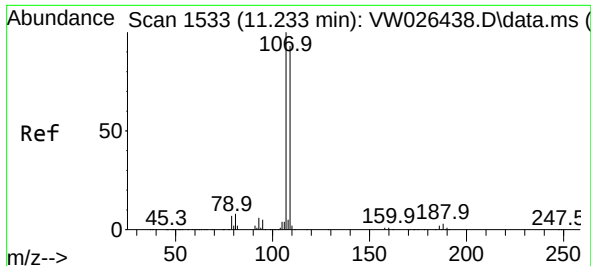
Tgt Ion: 129 Resp: 179916

Ion Ratio Lower Upper

129 100

127 76.9 54.0 100.4

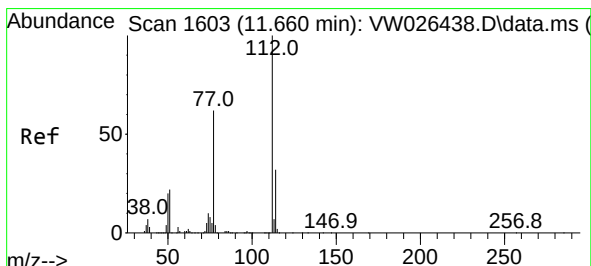
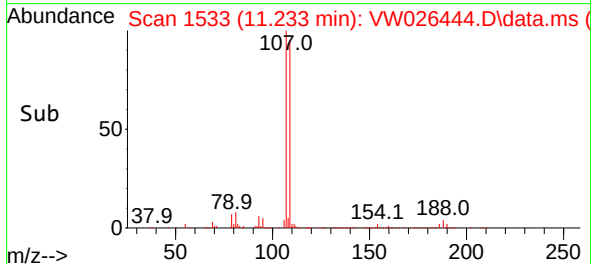
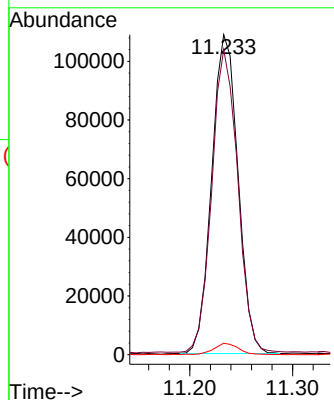
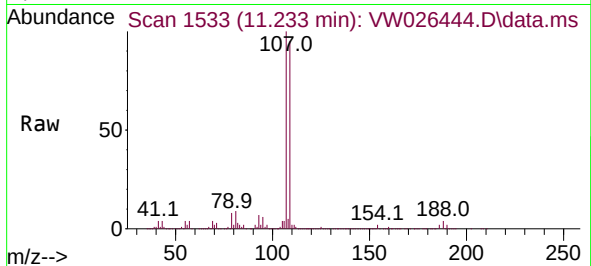




#50
1,2-Dibromoethane
Concen: 29.007 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

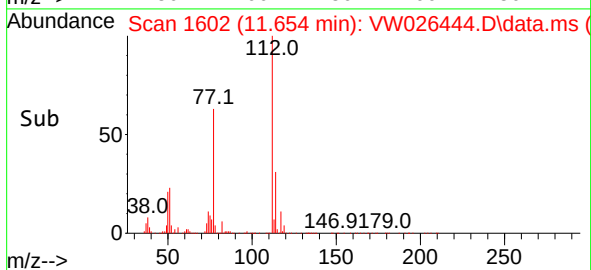
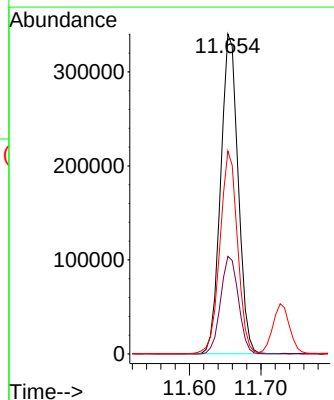
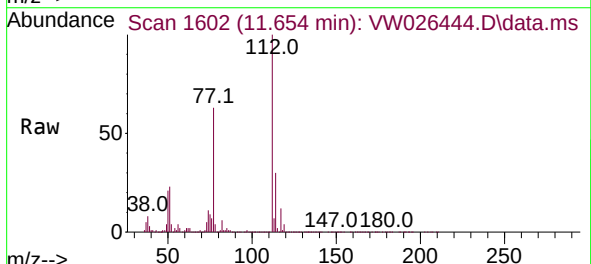
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

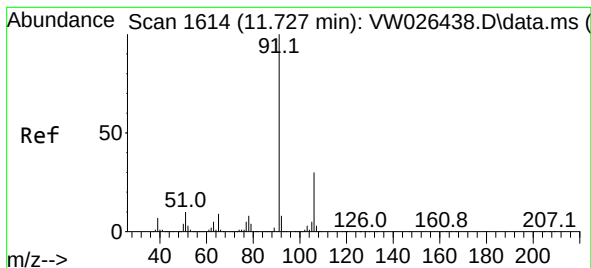
Tgt Ion:107 Resp: 192872
Ion Ratio Lower Upper
107 100
109 95.4 69.0 128.2
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 22.760 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion:112 Resp: 576099
Ion Ratio Lower Upper
112 100
114 30.5 22.3 41.5
77 63.4 49.6 74.4

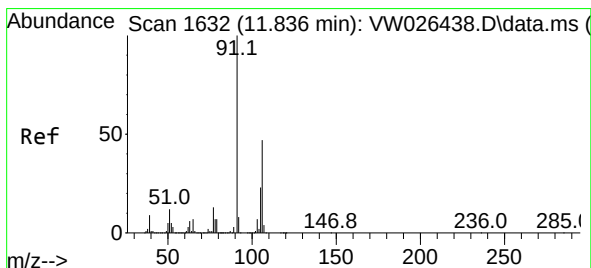
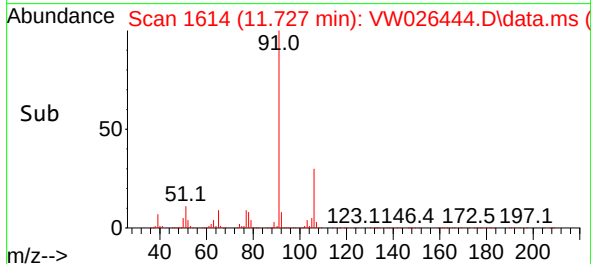
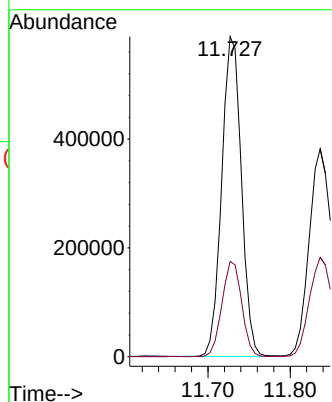
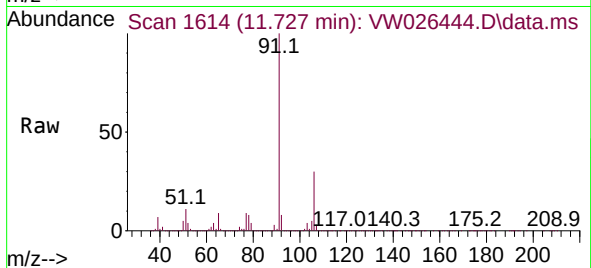




#52
Ethylbenzene
Concen: 21.269 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

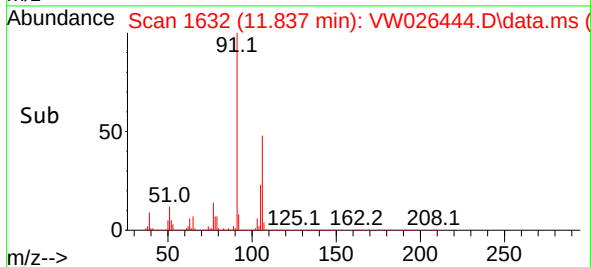
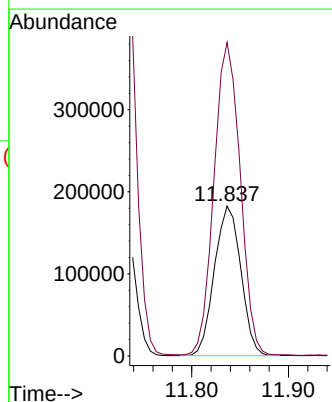
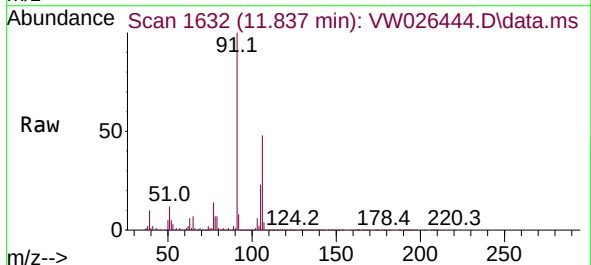
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

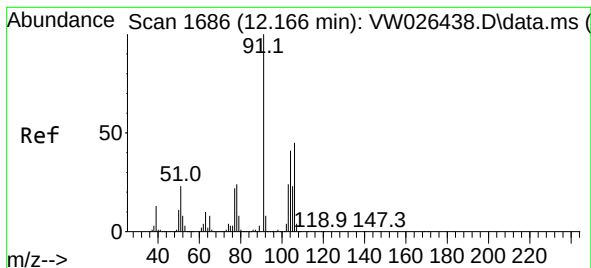
Tgt Ion: 91 Resp: 979094
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 20.271 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 106 Resp: 346024
Ion Ratio Lower Upper
106 100
91 209.1 146.7 272.5





#54

o-Xylene

Concen: 21.099 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

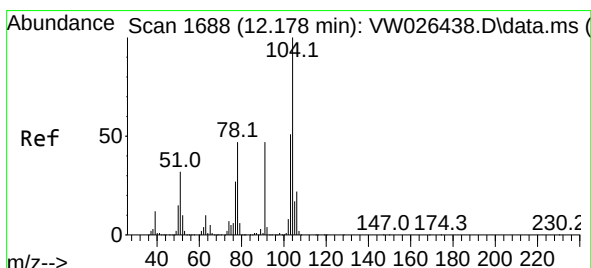
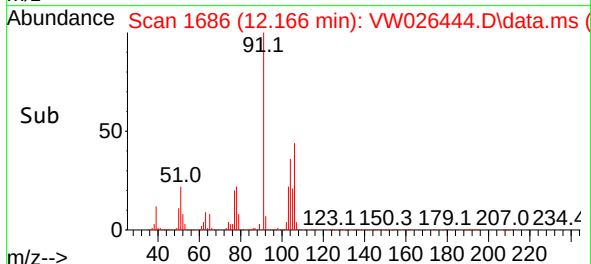
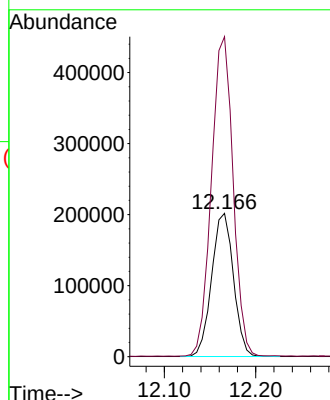
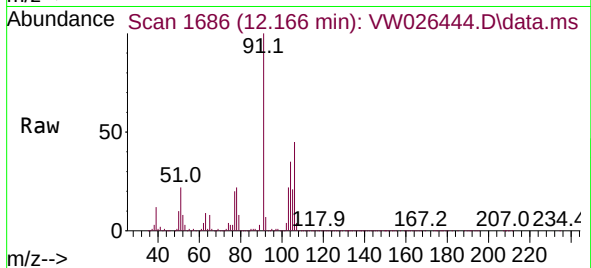
A46K6MS

Tgt Ion:106 Resp: 334028

Ion Ratio Lower Upper

106 100

91 223.2 145.5 270.1



#55

Styrene

Concen: 20.061 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026444.D

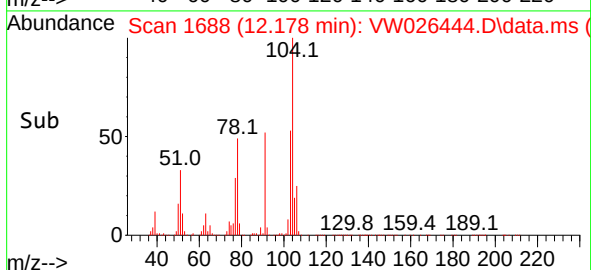
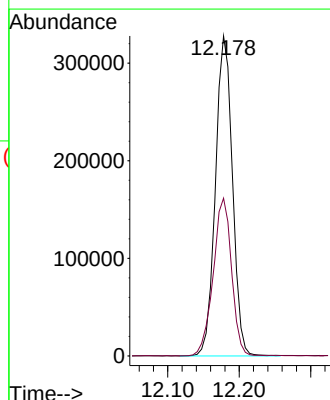
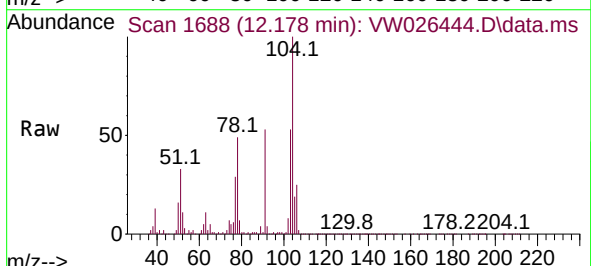
Acq: 29 Jun 2023 20:02

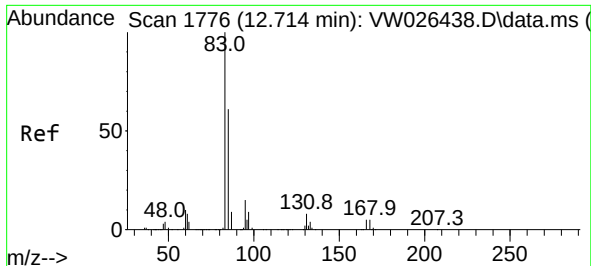
Tgt Ion:104 Resp: 542118

Ion Ratio Lower Upper

104 100

78 49.3 34.8 64.6





#57

1,1,2-Tetrachloroethane

Concen: 23.808 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

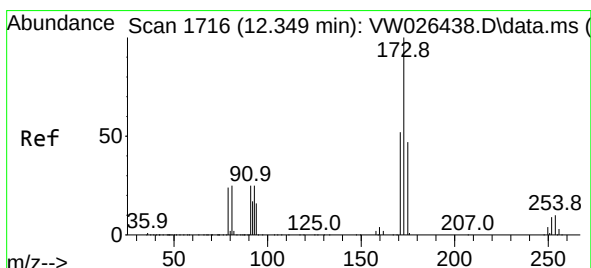
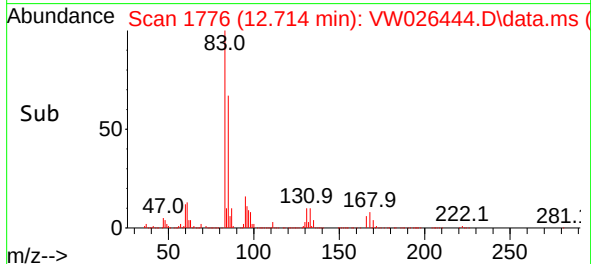
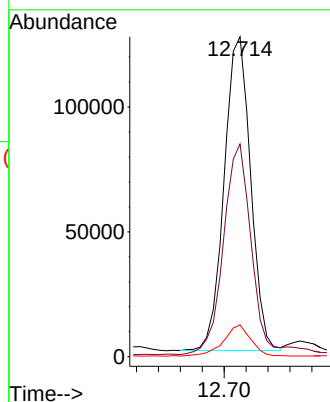
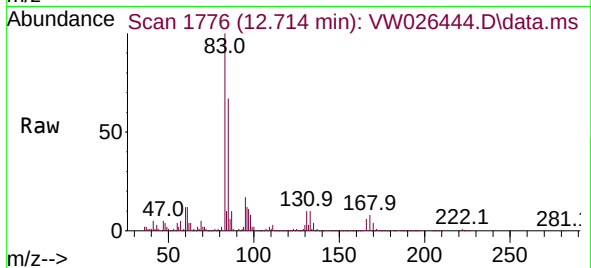
Tgt Ion: 83 Resp: 210214

Ion Ratio Lower Upper

83 100

85 66.5 44.6 82.8

131 9.9 7.2 10.8



#59

Bromoform

Concen: 37.675 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

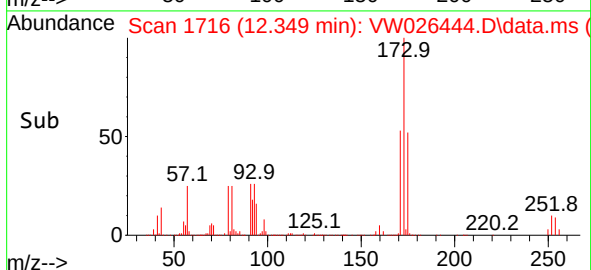
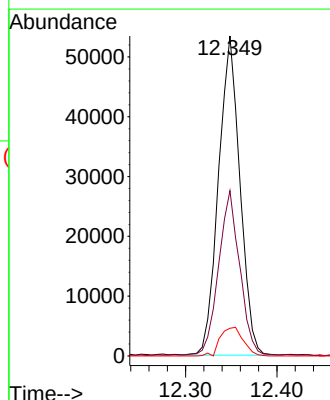
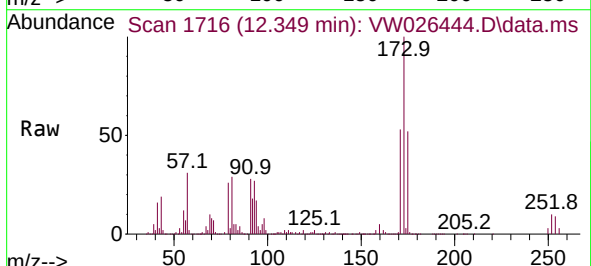
Tgt Ion:173 Resp: 87137

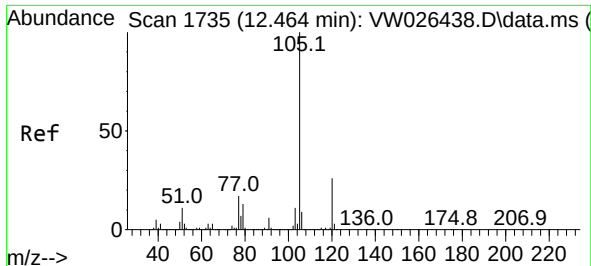
Ion Ratio Lower Upper

173 100

175 51.1 37.4 56.2

254 9.4 7.3 10.9

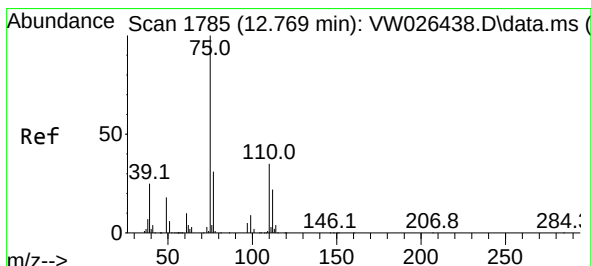
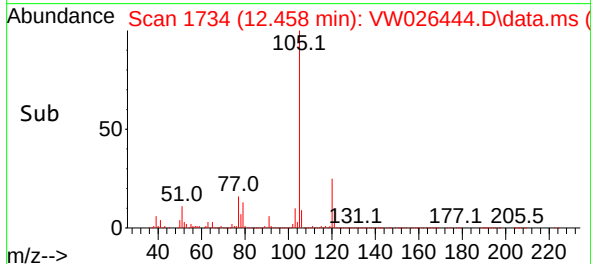
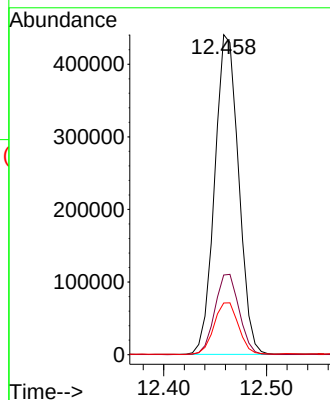
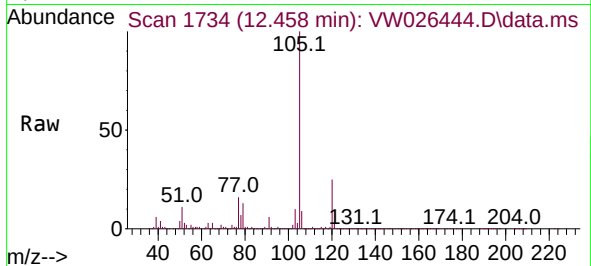




#60
Isopropylbenzene
Concen: 27.896 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

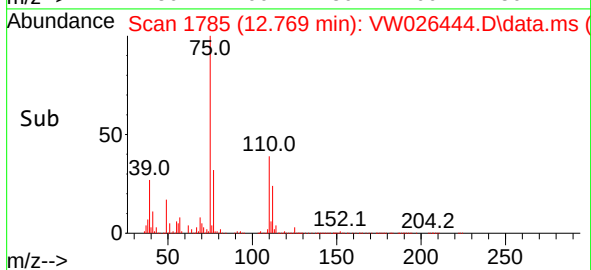
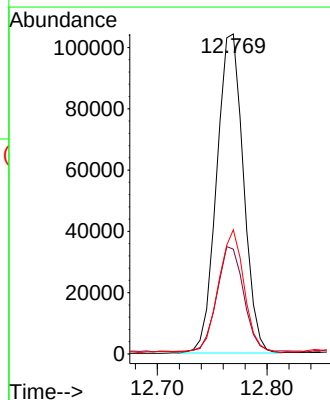
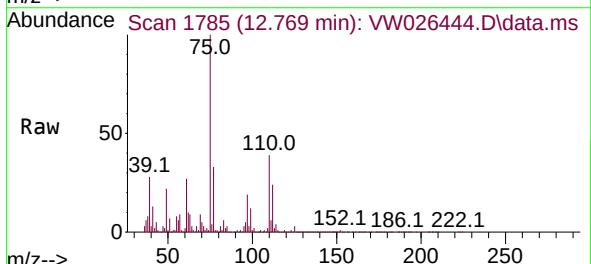
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

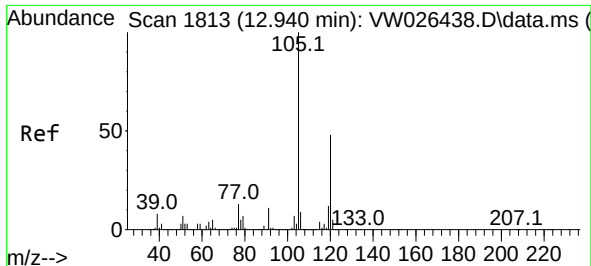
Tgt Ion:105 Resp: 710711
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 46.236 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion: 75 Resp: 176520
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8
110 36.8 28.2 42.4

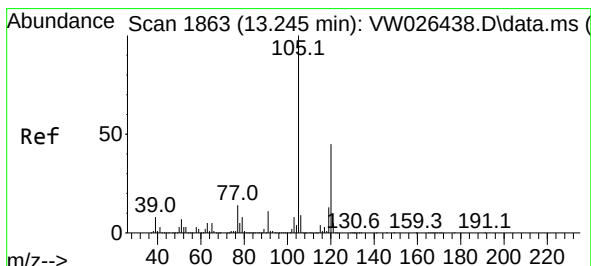
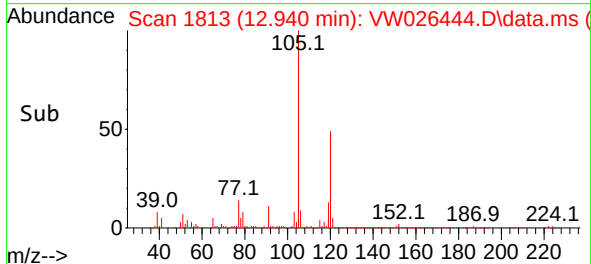
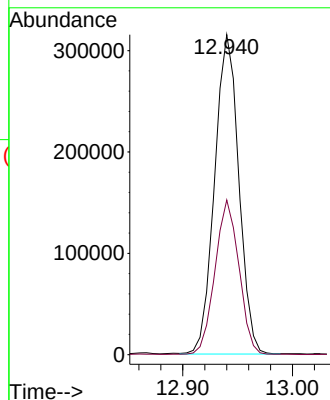
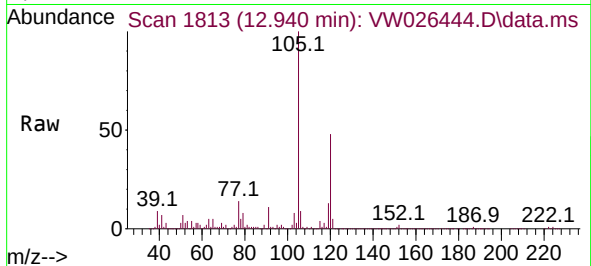




#62
1,3,5-Trimethylbenzene
Concen: 23.878 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

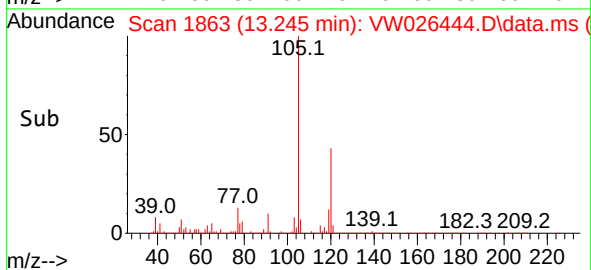
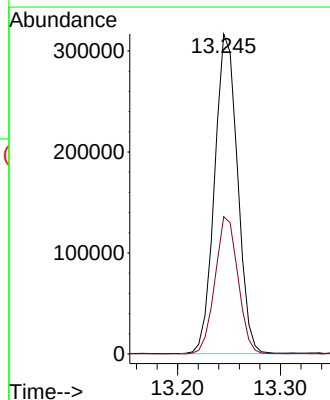
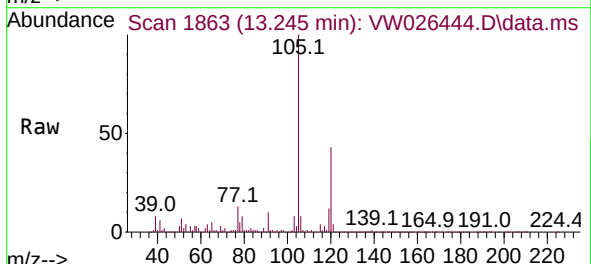
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

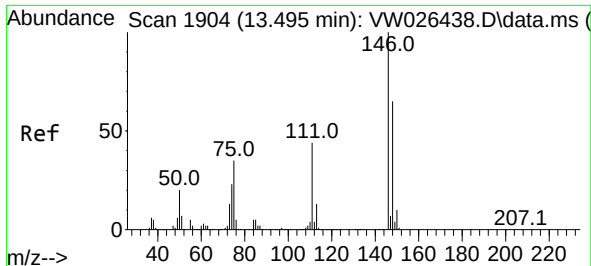
Tgt Ion:105 Resp: 483754
Ion Ratio Lower Upper
105 100
120 47.8 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 24.762 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion:105 Resp: 490088
Ion Ratio Lower Upper
105 100
120 43.1 36.0 54.0

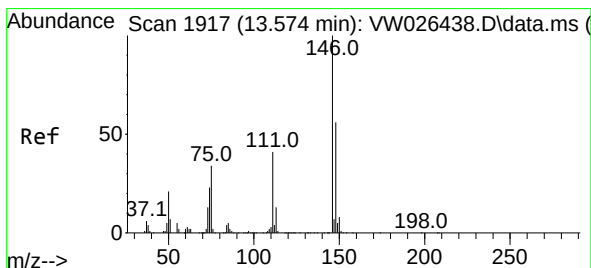
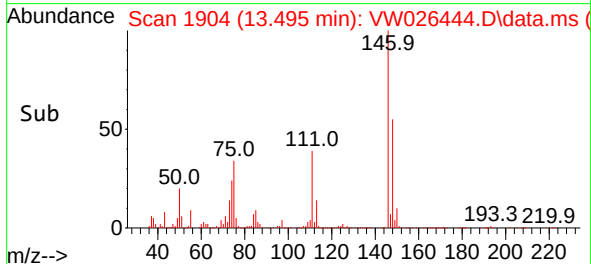
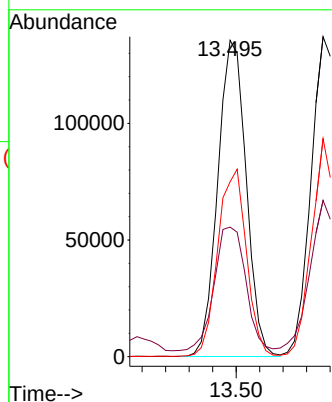
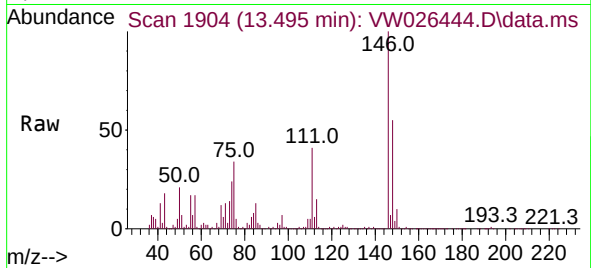




#64
1,3-Dichlorobenzene
Concen: 21.291 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

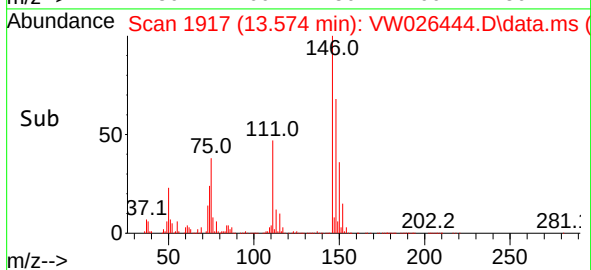
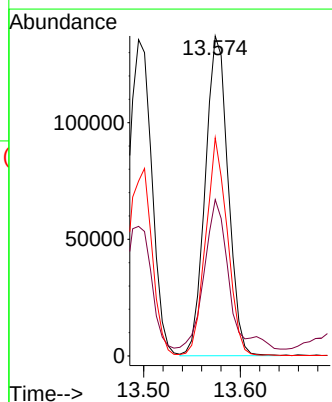
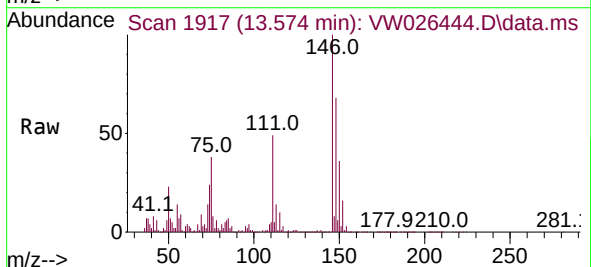
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

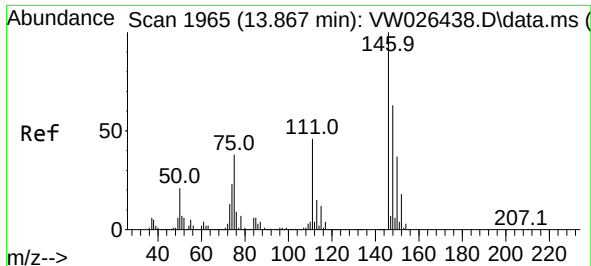
Tgt Ion:146 Resp: 227589
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.9
148 55.3 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 21.199 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion:146 Resp: 225371
Ion Ratio Lower Upper
146 100
111 48.9 30.7 56.9
148 68.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 20.705 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

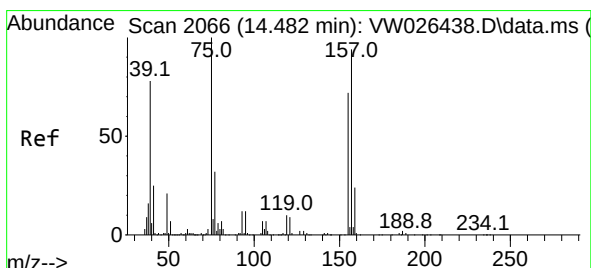
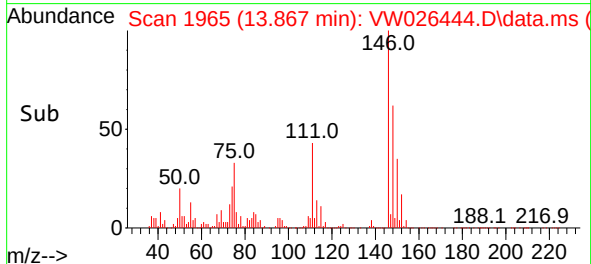
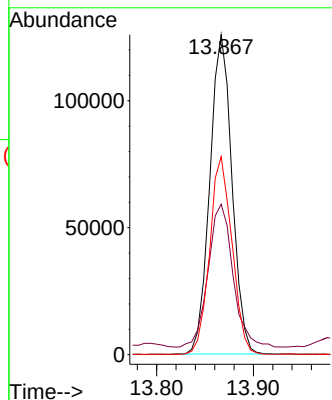
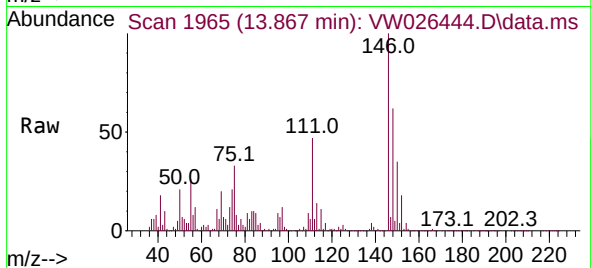
Tgt Ion:146 Resp: 200288

Ion Ratio Lower Upper

146 100

111 47.0 34.7 52.1

148 61.8 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 34.423 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

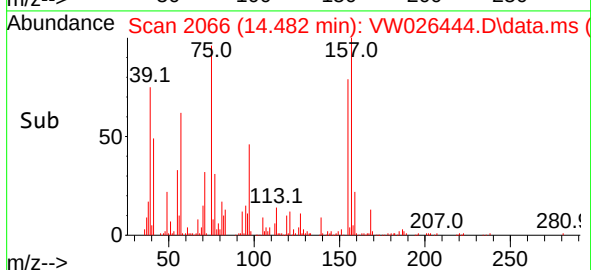
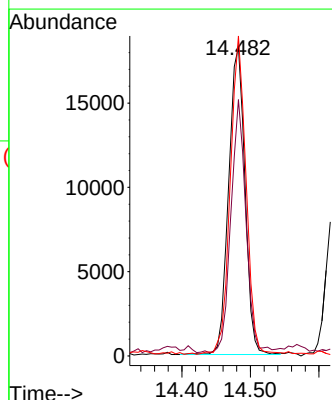
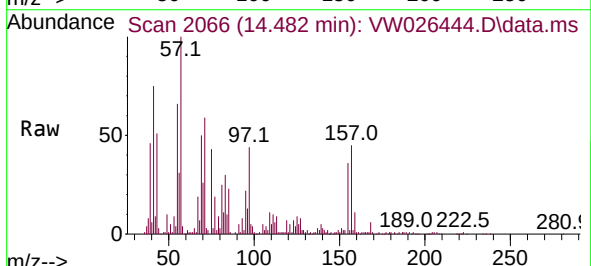
Tgt Ion: 75 Resp: 30115

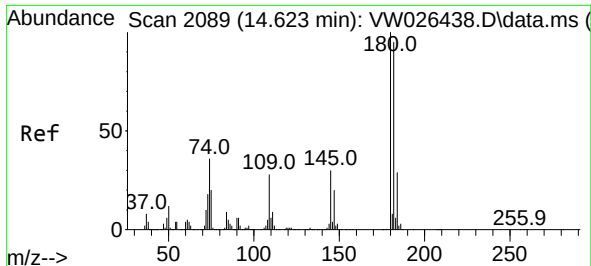
Ion Ratio Lower Upper

75 100

155 82.9 58.5 87.7

157 103.5 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 10.298 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

Tgt Ion:180 Resp: 74937

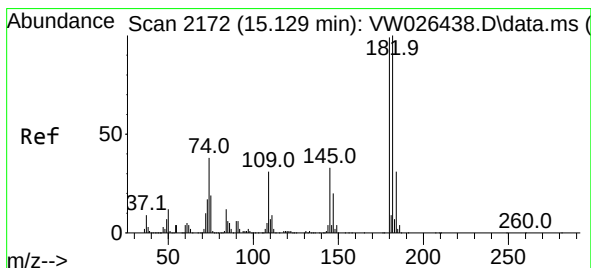
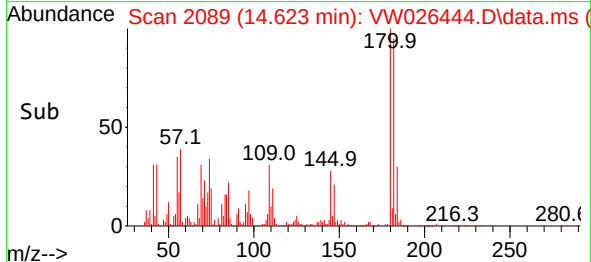
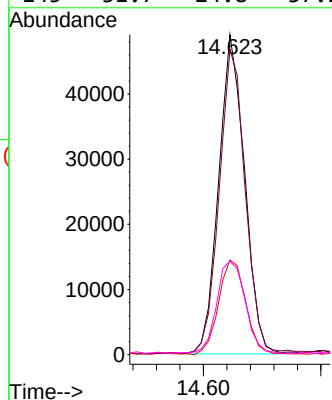
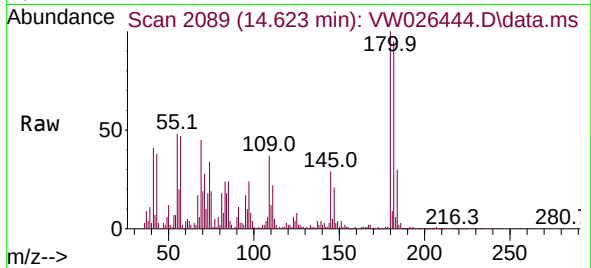
Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

184 31.3 23.8 35.6

145 31.7 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 9.499 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026444.D

Acq: 29 Jun 2023 20:02

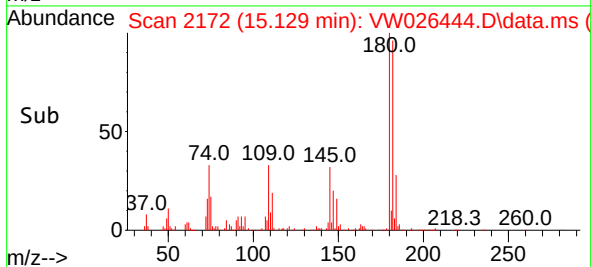
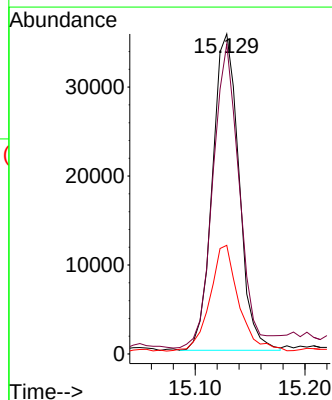
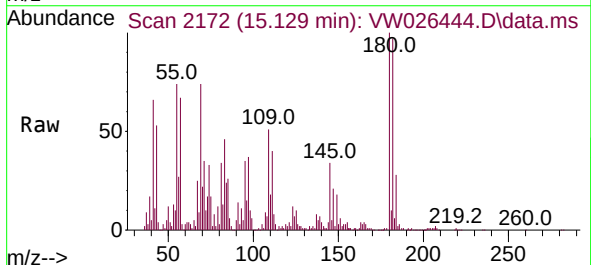
Tgt Ion:180 Resp: 59824

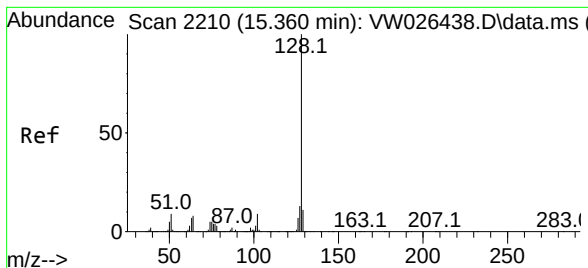
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 36.2 26.2 39.2

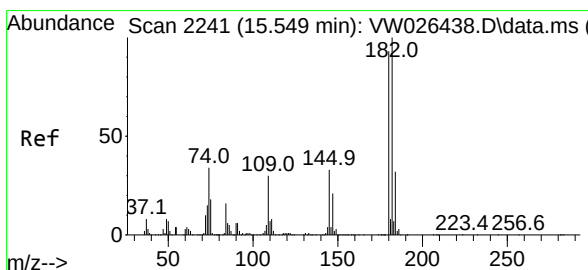
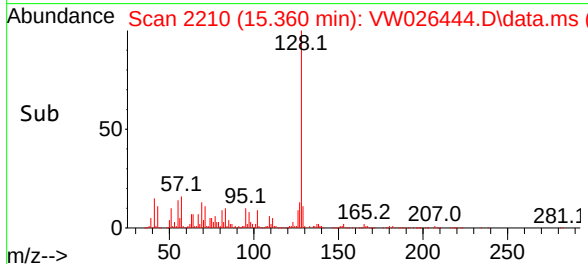
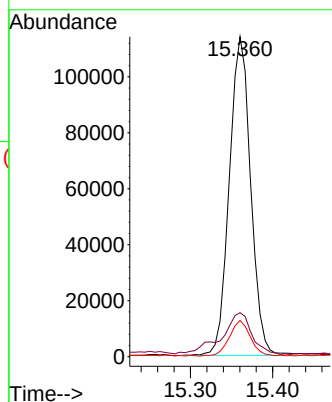
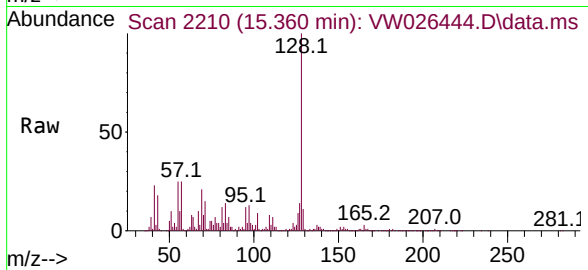




#71
Naphthalene
Concen: 16.023 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

Tgt Ion:128 Resp: 205700
Ion Ratio Lower Upper
128 100
127 15.0 10.4 15.6
129 10.9 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 7.869 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW026444.D
Acq: 29 Jun 2023 20:02

Tgt Ion:180 Resp: 42617
Ion Ratio Lower Upper
180 100
182 102.3 75.7 113.5
145 45.9 27.0 40.6#

