

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026442.D
 Acq On : 29 Jun 2023 19:14
 Operator : SY/MD
 Sample : 03452-23MSD
 Misc : 3.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0MSD

Quant Time: Jun 30 01:21:10 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	987037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	706123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	321545	28.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.440%	
7) Chloroethane-d5	2.899	69	249396	27.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.000%	
11) 1,1-Dichloroethene-d2	4.021	65	156968	27.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.640%#	
21) 2-Butanone-d5	7.075	46	206225	48.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.120%	
24) Chloroform-d	7.648	84	625870	26.014	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.040%	
26) 1,2-Dichloroethane-d4	8.301	65	340794	25.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.680%	
32) Benzene-d6	8.270	84	1306782	31.821	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.280%	
36) 1,2-Dichloropropane-d6	9.270	67	411999	31.477	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 125.920%#	
41) Toluene-d8	10.325	98	1041035	28.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.800%	
43) trans-1,3-Dichloroprop...	10.575	79	142392	26.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.960%	
47) 2-Hexanone-d5	10.922	63	131475	60.064	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.120%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	250124	24.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.000%	
66) 1,2-Dichlorobenzene-d4	13.848	152	152292	22.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	247549	25.701	ug/L	99
3) Chloromethane	2.229	50	384271	28.303	ug/L	99
5) Vinyl chloride	2.375	62	372256	26.604	ug/L	99
6) Bromomethane	2.789	94	193322	24.294	ug/L	96
8) Chloroethane	2.930	64	216410	25.500	ug/L	99
9) Trichlorofluoromethane	3.265	101	280912	27.609	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	253584	22.455	ug/L	98
12) 1,1-Dichloroethene	4.045	96	286109	25.884	ug/L	97
13) Acetone	4.118	43	412981	137.646	ug/L	99
14) Carbon disulfide	4.393	76	865699	24.201	ug/L	100
15) Methyl Acetate	4.667	43	169235	25.978	ug/L	99
16) Methylene chloride	4.923	84	328008	19.667	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	300351	25.261	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	540316	27.807	ug/L	99
19) 1,1-Dichloroethane	6.216	63	636538	26.605	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	332633	24.699	ug/L	99
22) 2-Butanone	7.167	43	375626	76.362	ug/L	97
23) Bromochloromethane	7.514	128	136138	24.305	ug/L	98
25) Chloroform	7.673	83	566411	24.392	ug/L	99

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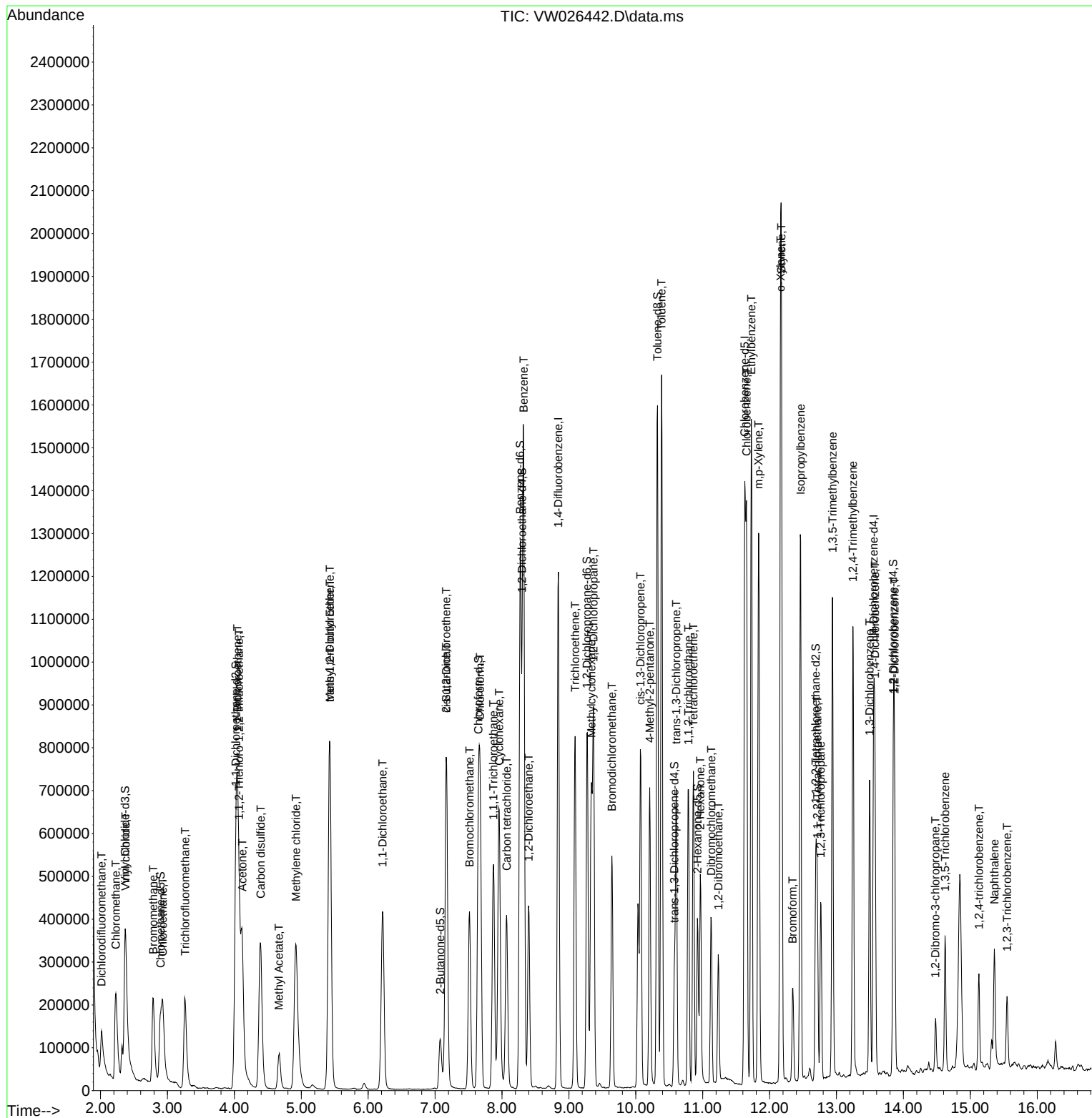
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	382386	24.083	ug/L	100
29) Cyclohexane	7.959	56	407290	20.347	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	435643	28.962	ug/L	99
31) Carbon tetrachloride	8.069	117	316923	23.402	ug/L	99
33) Benzene	8.325	78	1292029	29.219	ug/L	100
34) Trichloroethene	9.093	95	306645	27.223	ug/L	99
35) Methylcyclohexane	9.337	83	273802	13.644	ug/L	100
37) 1,2-Dichloropropane	9.368	63	341942	29.129	ug/L	100
38) Bromodichloromethane	9.642	83	361589	27.444	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	476226	27.105	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	495647	61.495	ug/L	99
42) Toluene	10.386	91	1209899	26.744	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	374740	26.097	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	219842	27.493	ug/L	98
46) Tetrachloroethene	10.861	164	164263	20.626	ug/L	95
48) 2-Hexanone	10.965	43	337042	62.301	ug/L	99
49) Dibromochloromethane	11.129	129	205339	25.782	ug/L	98
50) 1,2-Dibromoethane	11.233	107	200927	27.326	ug/L	96
51) Chlorobenzene	11.654	112	629871	22.502	ug/L	96
52) Ethylbenzene	11.727	91	1087891	21.370	ug/L	97
53) m,p-Xylene	11.837	106	394733	20.911	ug/L	99
54) o-Xylene	12.166	106	376963	21.531	ug/L	94
55) Styrene	12.178	104	612500	20.496	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	224610	23.003	ug/L	99
59) Bromoform	12.343	173	101010	39.003	ug/L	99
60) Isopropylbenzene	12.465	105	825451	28.935	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	183351	42.890	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	569913	25.123	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	559617	25.252	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263482	22.013	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	263652	22.148	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	230860	21.314	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	32722	33.403	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	89033	10.927	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	66657	9.452	ug/L	96
71) Naphthalene	15.360	128	229948	15.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	51573	8.504	ug/L	94

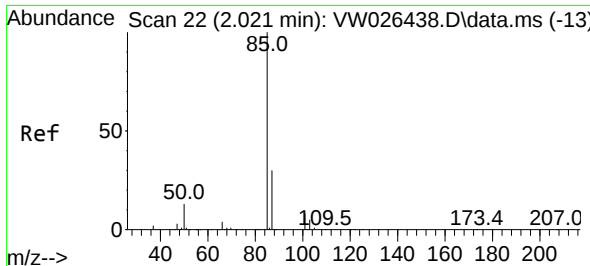
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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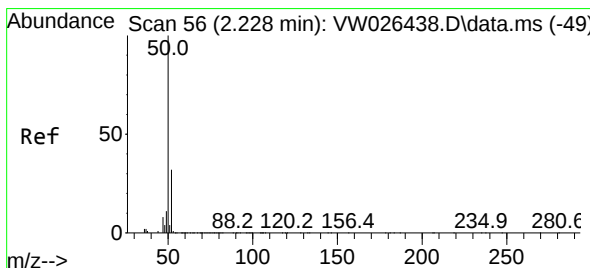
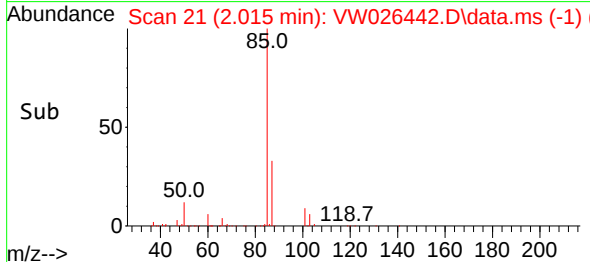
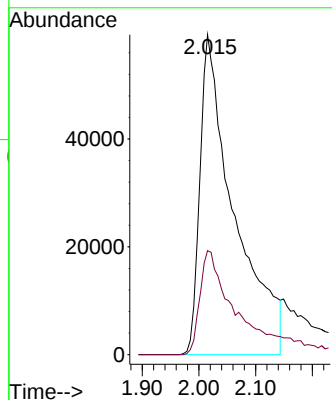
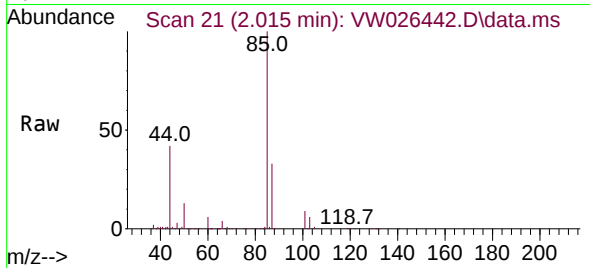




#2
 Dichlorodifluoromethane
 Concen: 25.701 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

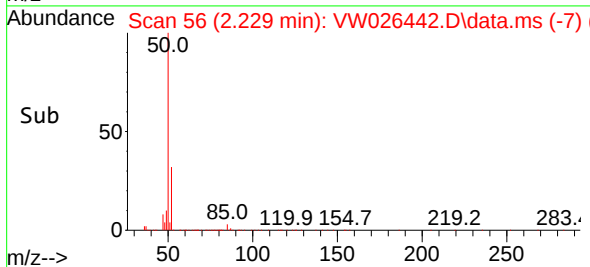
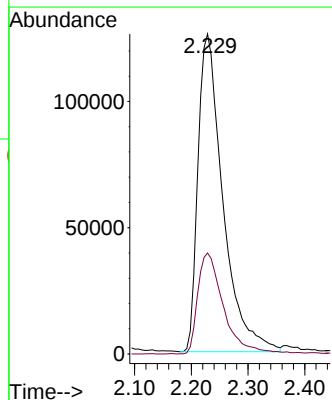
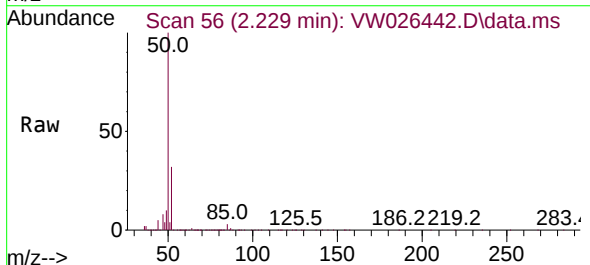
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 ClientSampleId :
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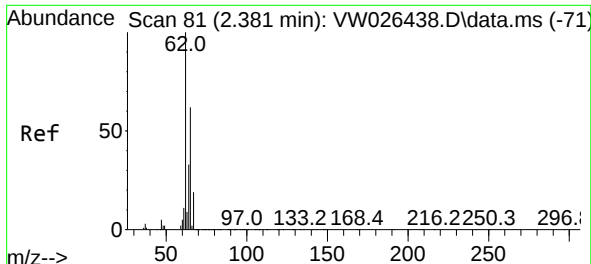
Tgt Ion: 85 Resp: 247549
 Ion Ratio Lower Upper
 85 100
 87 23.3 19.0 28.4



#3
 Chloromethane
 Concen: 28.303 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

Tgt Ion: 50 Resp: 384271
 Ion Ratio Lower Upper
 50 100
 52 31.5 21.7 40.3

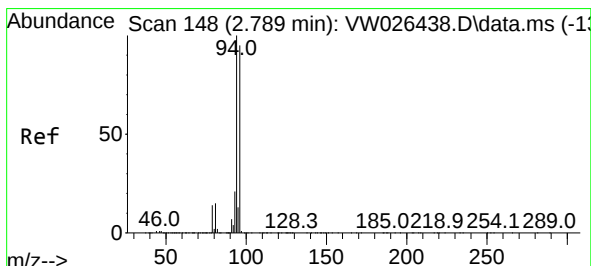
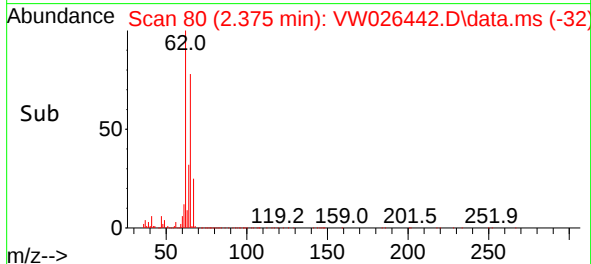
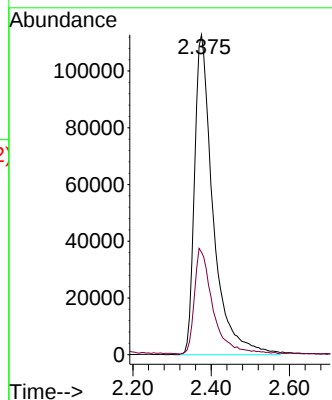
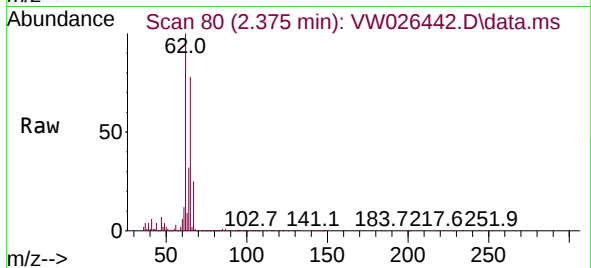




#5
 Vinyl chloride
 Concen: 26.604 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

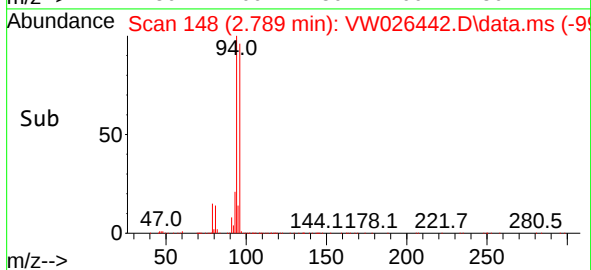
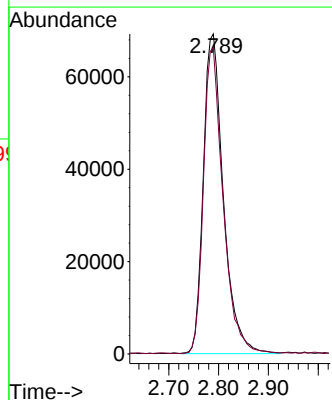
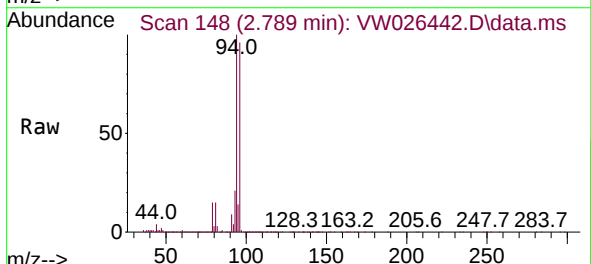
Instrument :
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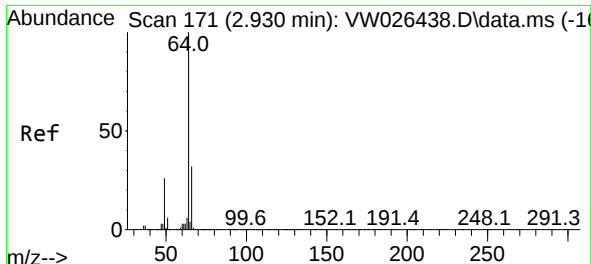
Tgt Ion: 62 Resp: 372256
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.0 42.8



#6
 Bromomethane
 Concen: 24.294 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

Tgt Ion: 94 Resp: 193322
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.3 119.3

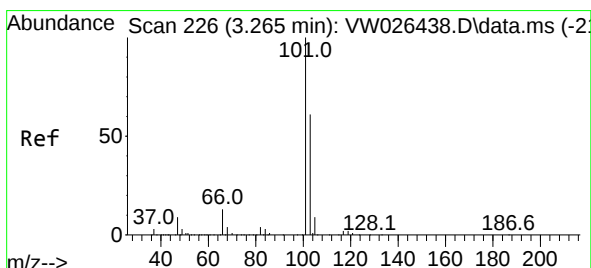
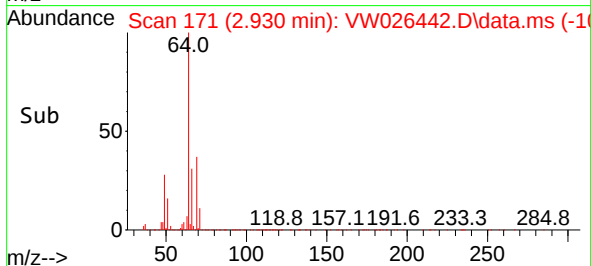
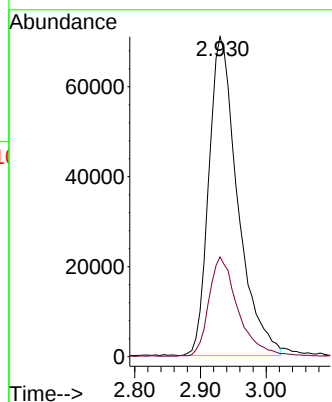
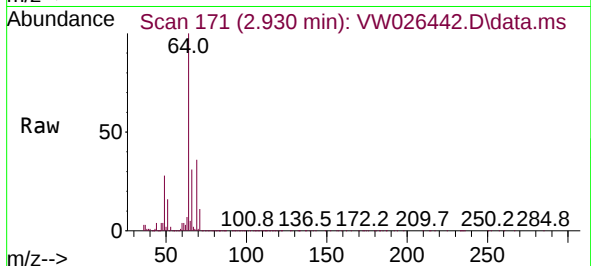




#8
Chloroethane
Concen: 25.500 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

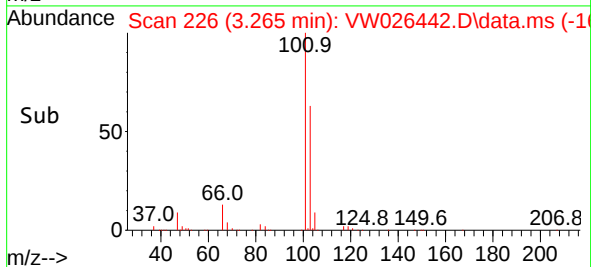
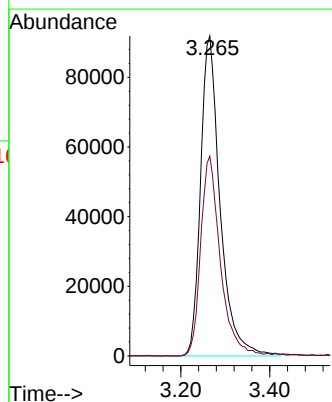
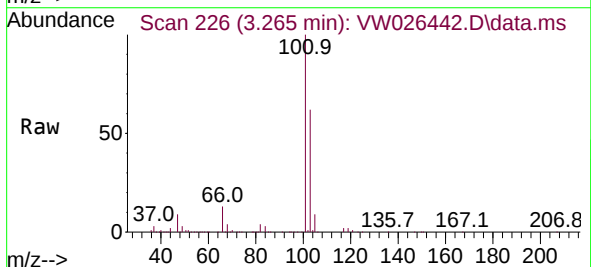
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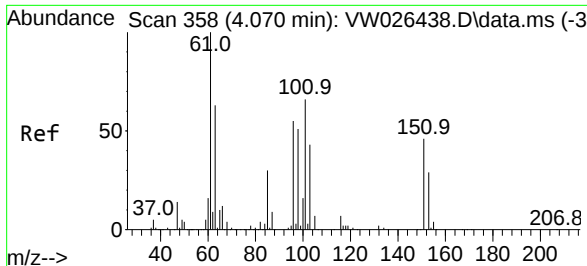
Tgt Ion: 64 Resp: 216410
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 27.609 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 101 Resp: 280912
Ion Ratio Lower Upper
101 100
103 62.1 52.0 78.0

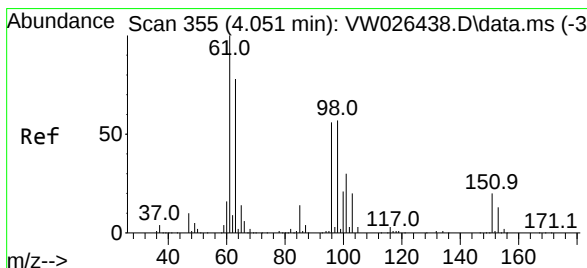
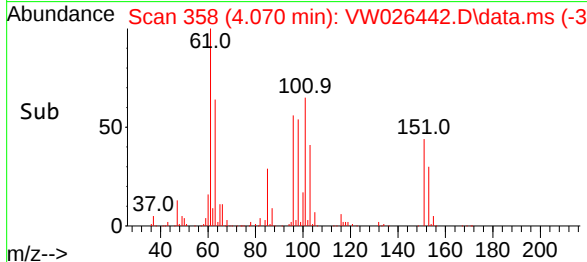
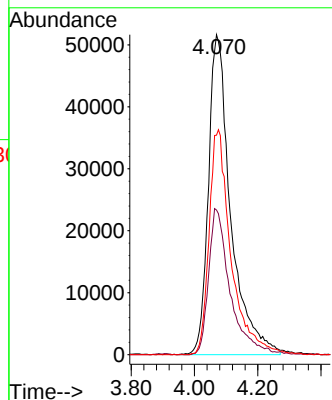
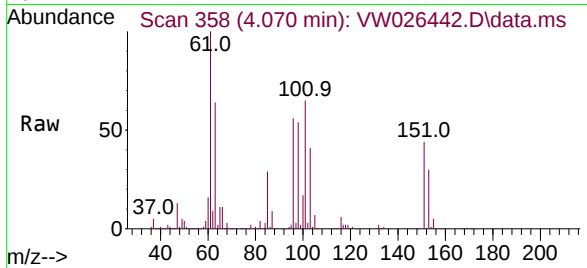




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.455 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

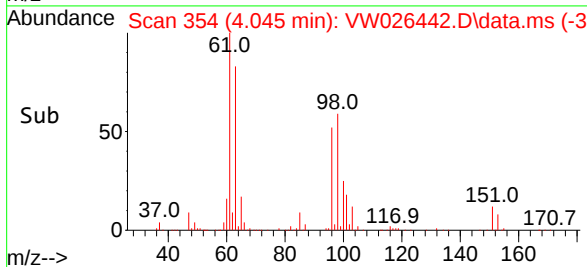
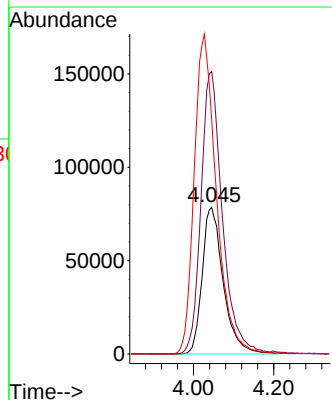
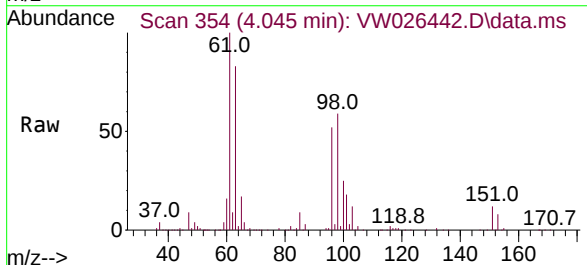
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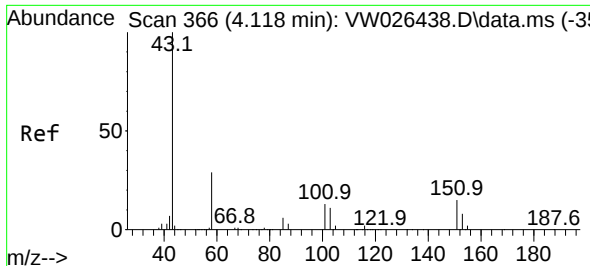
Tgt Ion:101 Resp: 253584
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.1 51.1
 151 69.0 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 25.884 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026442.D
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Tgt Ion: 96 Resp: 286109
 Ion Ratio Lower Upper
 96 100
 61 192.7 134.0 248.8
 63 159.7 117.1 217.5

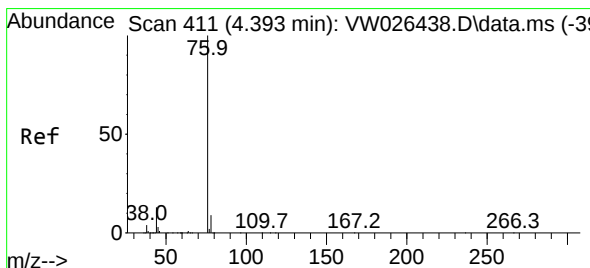
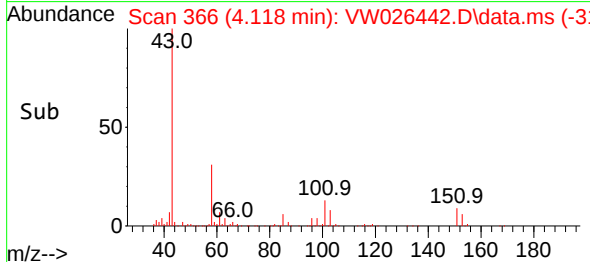
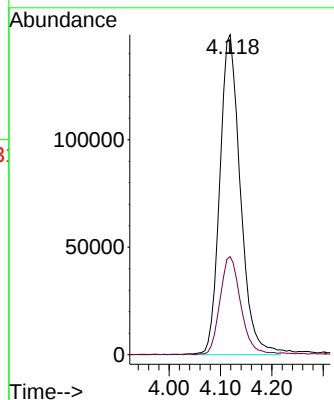
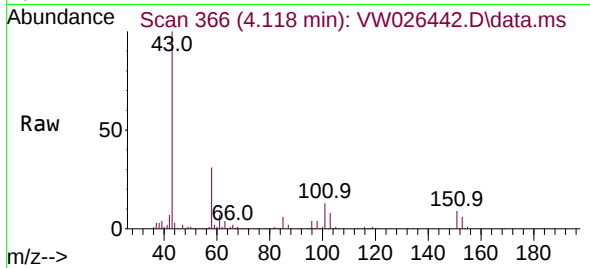




#13
Acetone
Concen: 137.646 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026442.D
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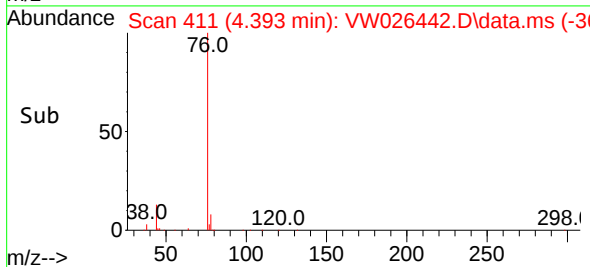
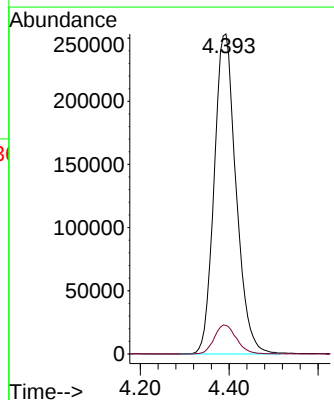
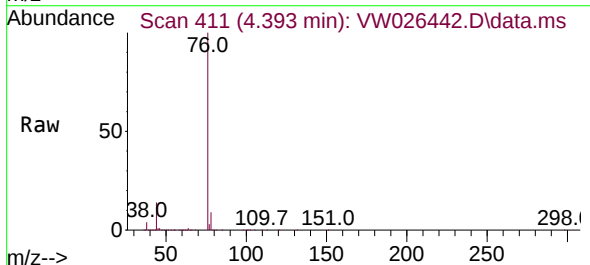
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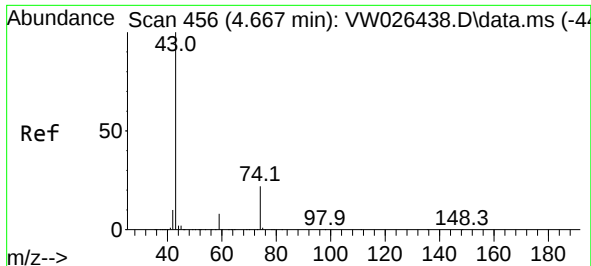
Tgt Ion: 43 Resp: 412981
Ion Ratio Lower Upper
43 100
58 30.9 0.0 63.2



#14
Carbon disulfide
Concen: 24.201 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 865699
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

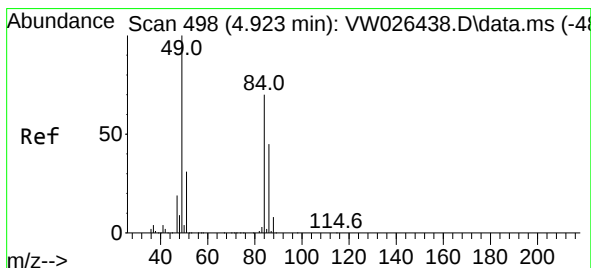
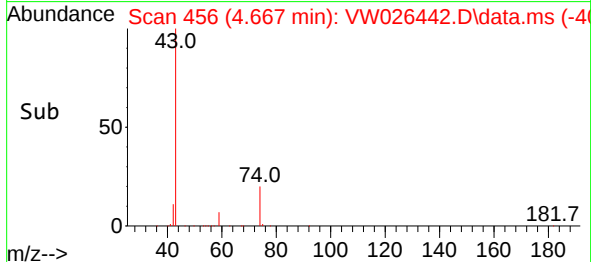
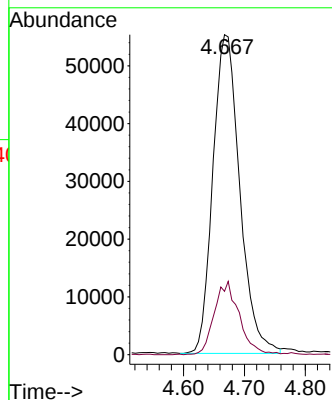
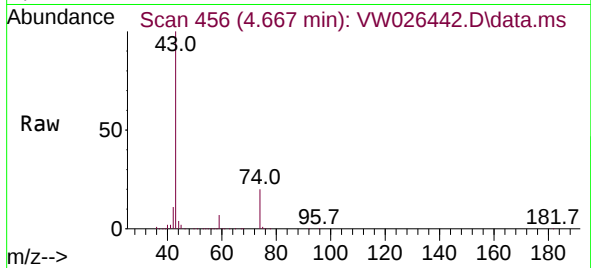




#15
Methyl Acetate
Concen: 25.978 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

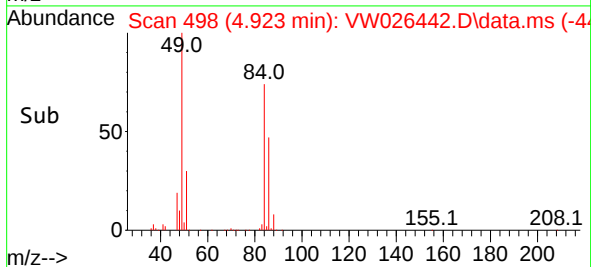
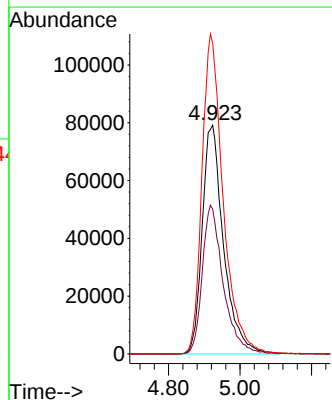
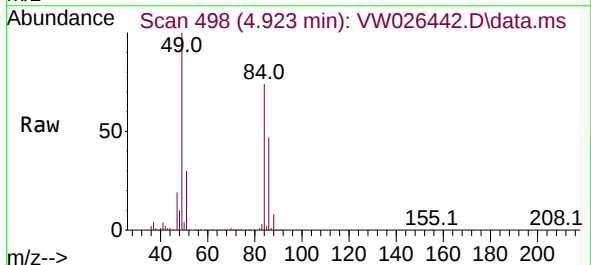
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

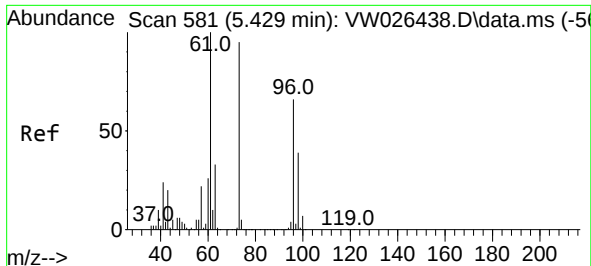
Tgt Ion: 43 Resp: 169235
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8



#16
Methylene chloride
Concen: 19.667 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 84 Resp: 328008
Ion Ratio Lower Upper
84 100
86 63.3 44.1 81.9
49 135.8 94.1 174.8

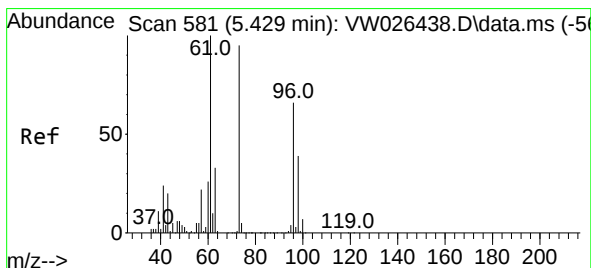
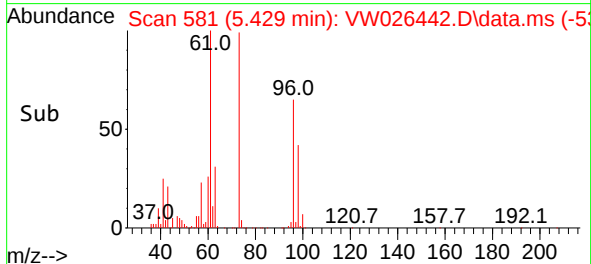
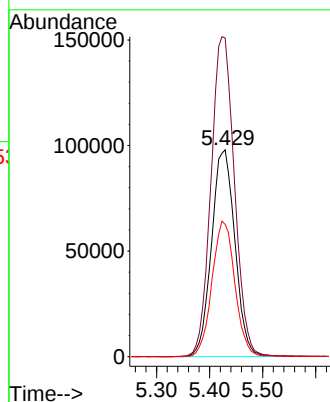
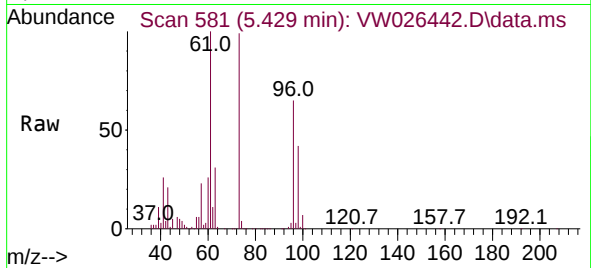




#17
trans-1,2-Dichloroethene
Concen: 25.261 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

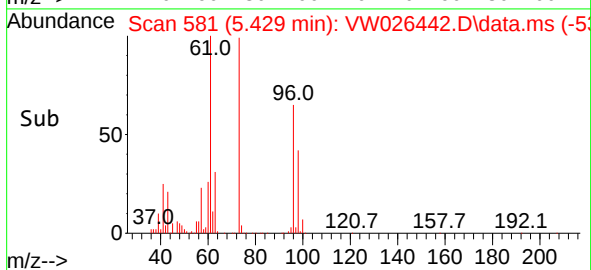
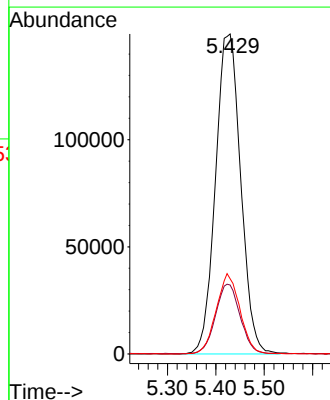
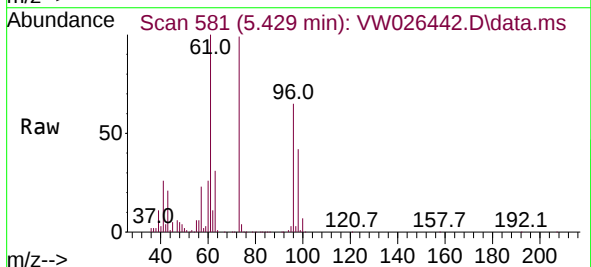
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

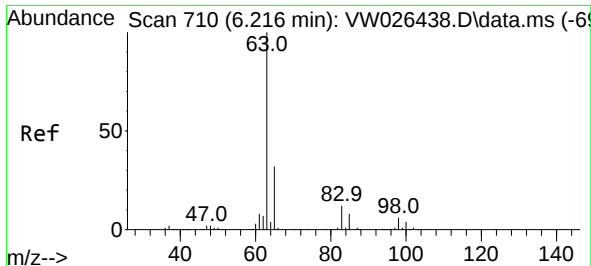
Tgt Ion: 96 Resp: 300351
Ion Ratio Lower Upper
96 100
61 154.1 105.2 195.4
98 64.0 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 27.807 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 73 Resp: 540316
Ion Ratio Lower Upper
73 100
43 21.1 16.6 25.0
57 23.6 19.3 28.9

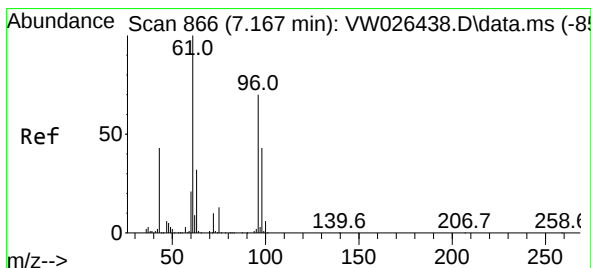
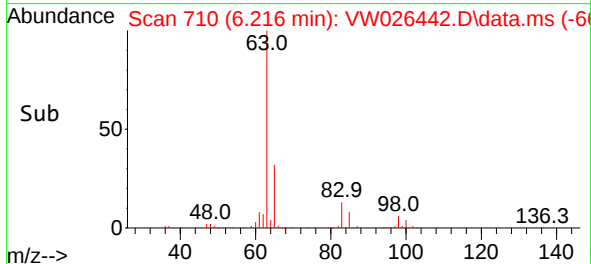
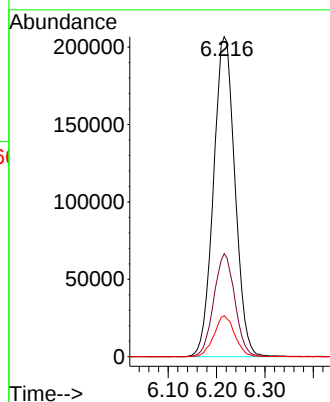
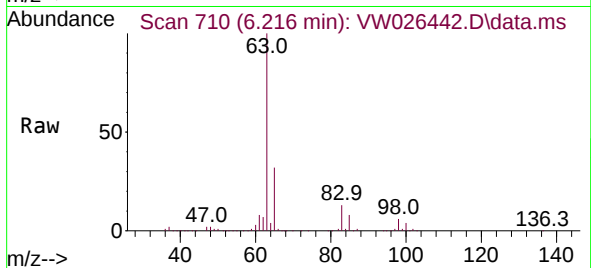




#19
1,1-Dichloroethane
Concen: 26.605 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

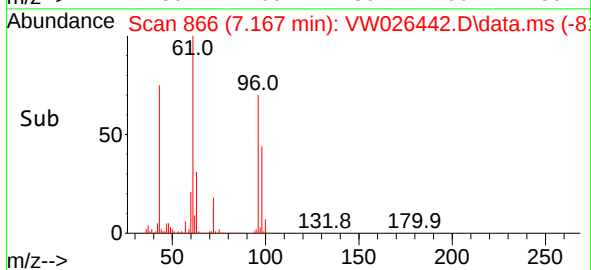
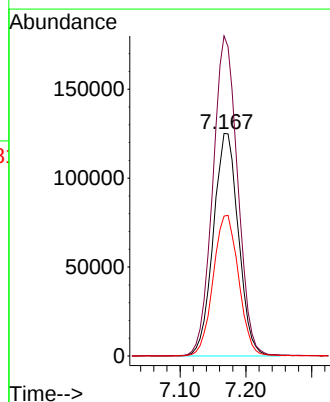
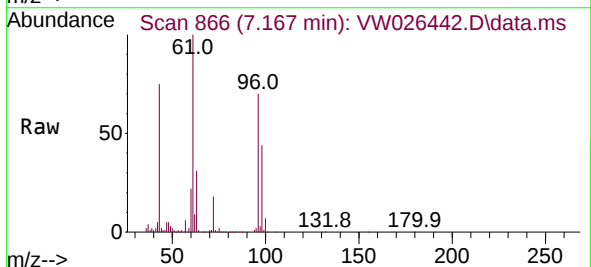
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

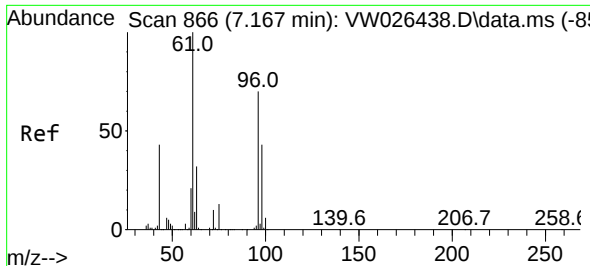
Tgt Ion: 63 Resp: 636538
Ion Ratio Lower Upper
63 100
65 32.2 22.3 41.5
83 12.8 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 24.699 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 96 Resp: 332633
Ion Ratio Lower Upper
96 100
61 143.8 99.3 184.5
98 62.8 44.3 82.3

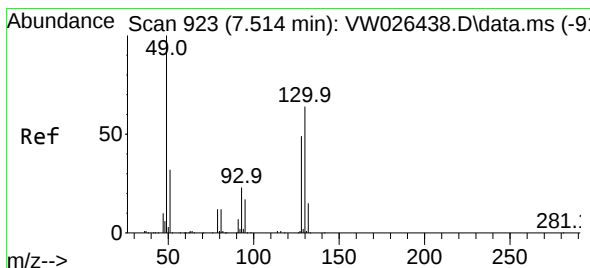
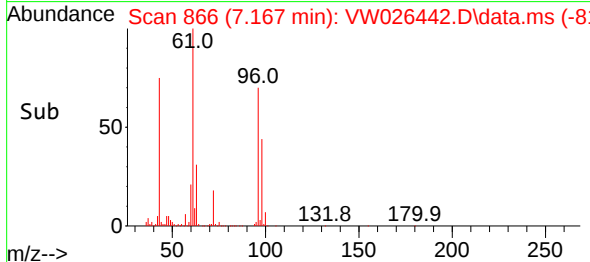
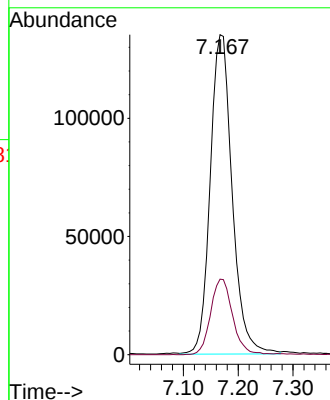
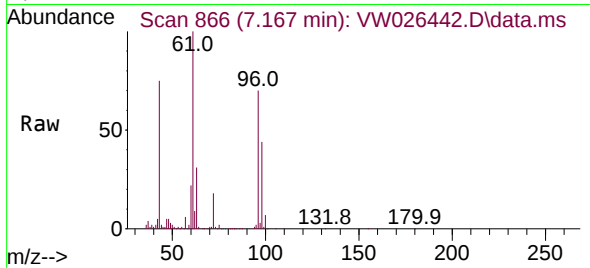




#22
2-Butanone
Concen: 76.362 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

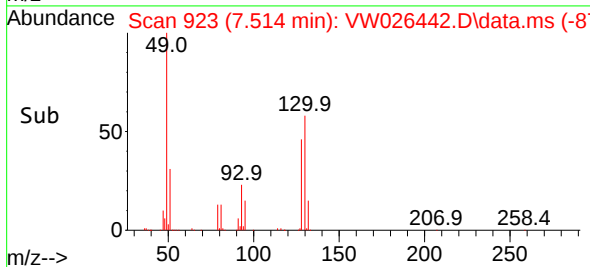
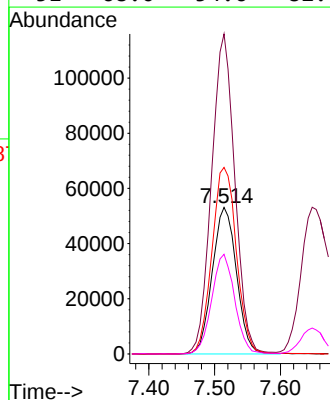
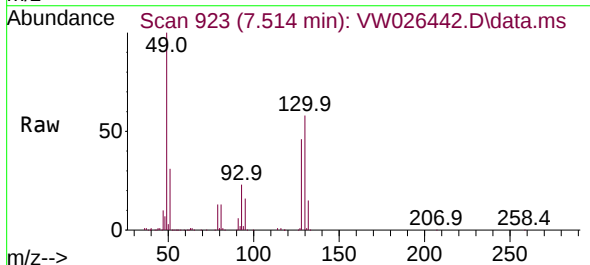
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

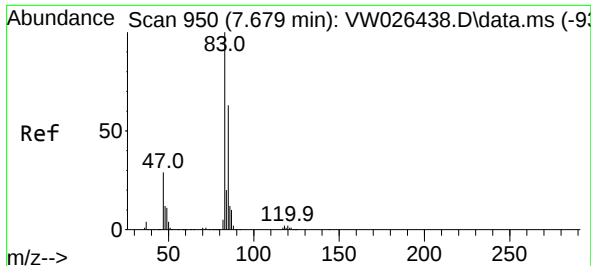
Tgt Ion: 43 Resp: 375626
Ion Ratio Lower Upper
43 100
72 23.6 12.6 37.8



#23
Bromochloromethane
Concen: 24.305 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 128 Resp: 136138
Ion Ratio Lower Upper
128 100
49 218.4 149.2 277.2
130 127.3 89.2 165.8
51 68.0 54.6 82.0

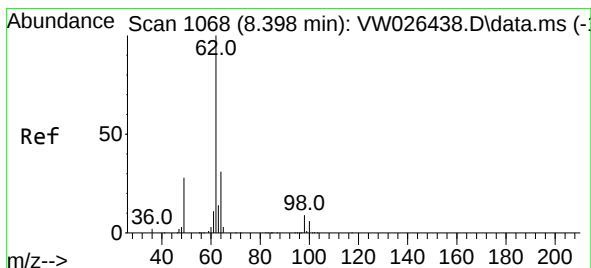
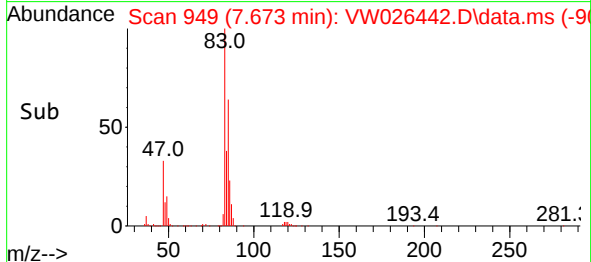
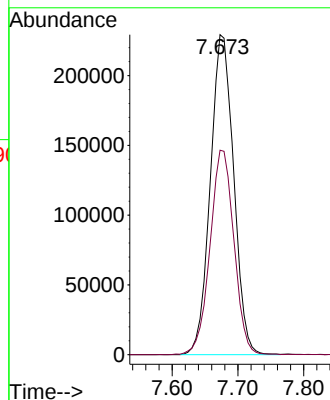
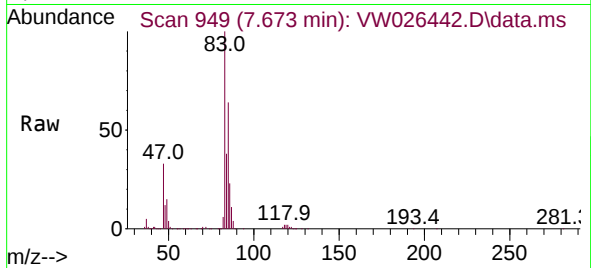




#25
Chloroform
Concen: 24.392 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

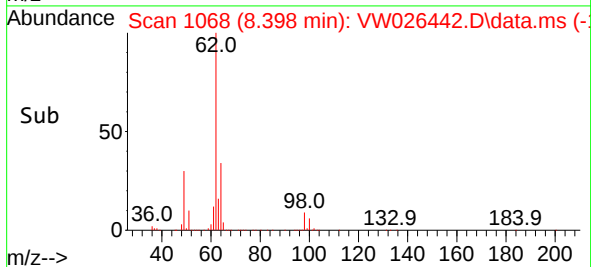
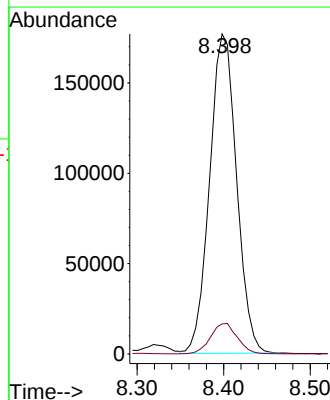
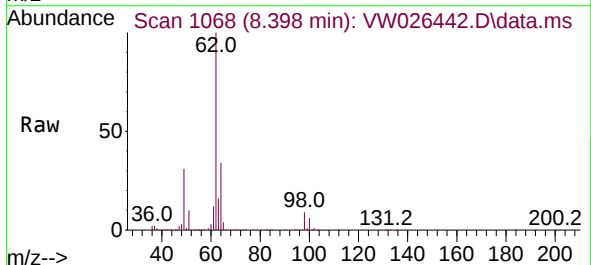
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

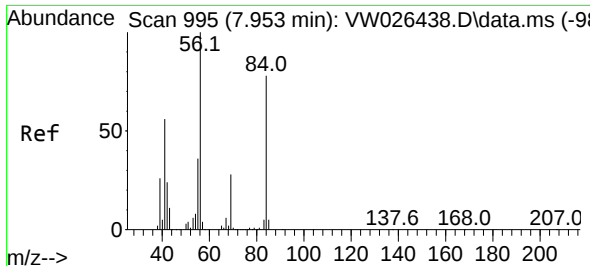
Tgt Ion: 83 Resp: 566411
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4



#27
1,2-Dichloroethane
Concen: 24.083 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 62 Resp: 382386
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4

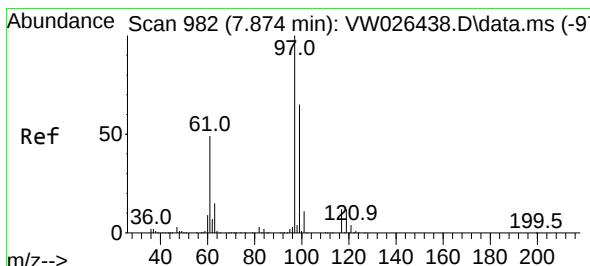
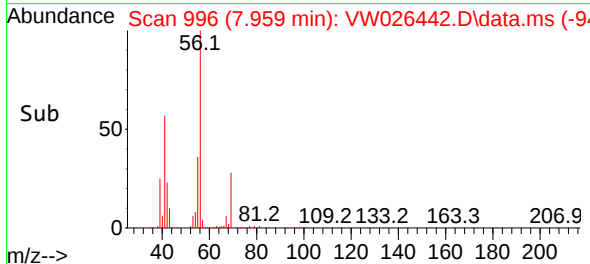
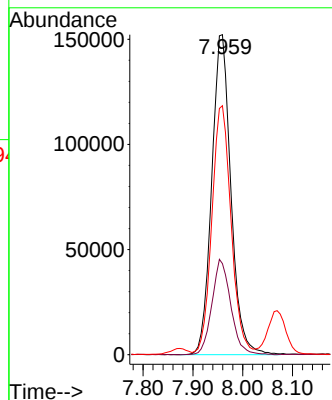
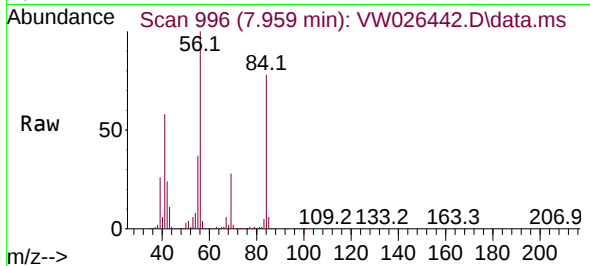




#29
Cyclohexane
Concen: 20.347 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

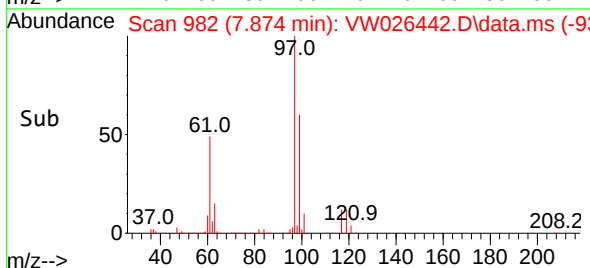
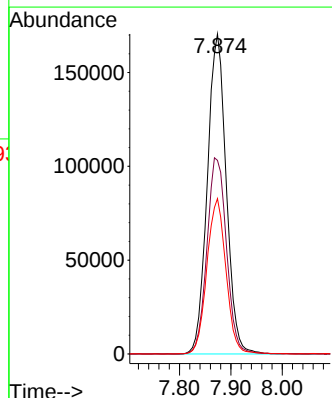
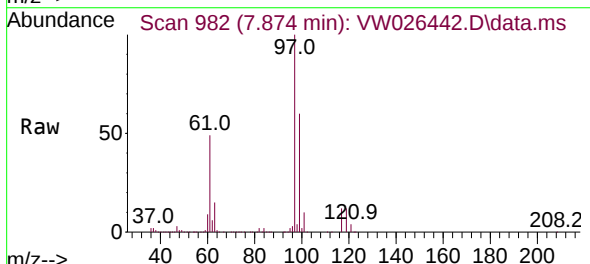
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

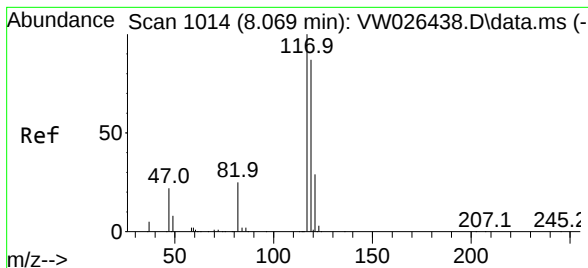
Tgt Ion: 56 Resp: 407290
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 78.0 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 28.962 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 97 Resp: 435643
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 49.0 39.5 59.3





#31

Carbon tetrachloride

Concen: 23.402 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

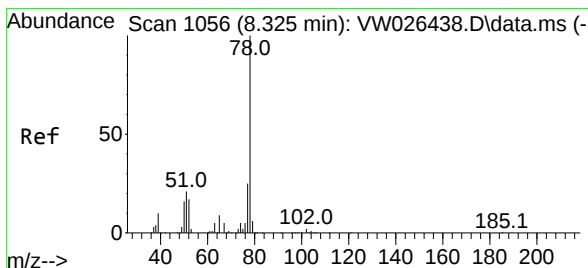
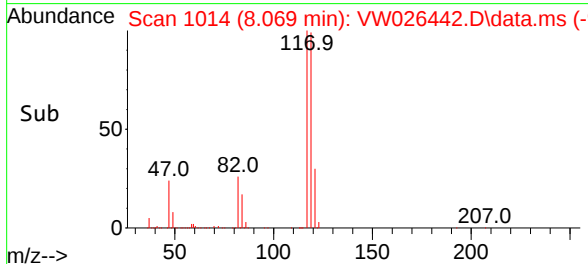
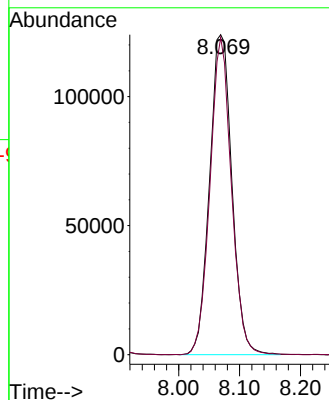
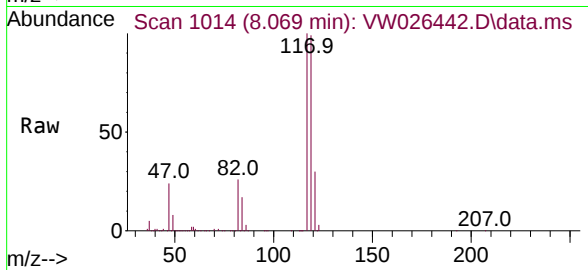
A46Q0MSD

Tgt Ion:117 Resp: 316923

Ion Ratio Lower Upper

117 100

119 94.5 76.2 114.2



#33

Benzene

Concen: 29.219 ug/L

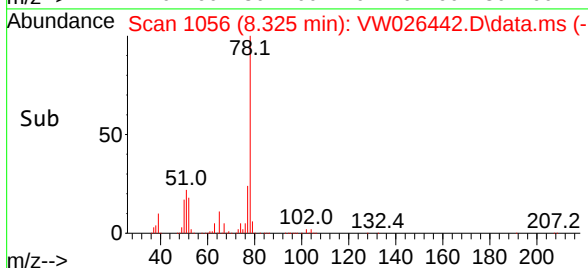
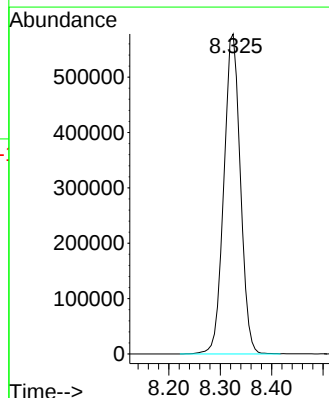
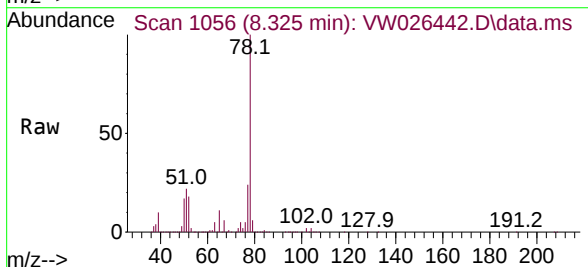
RT: 8.325 min Scan# 1056

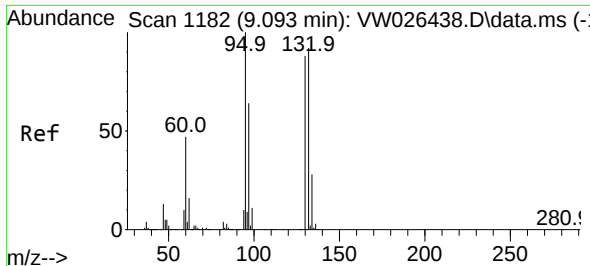
Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Tgt Ion: 78 Resp: 1292029

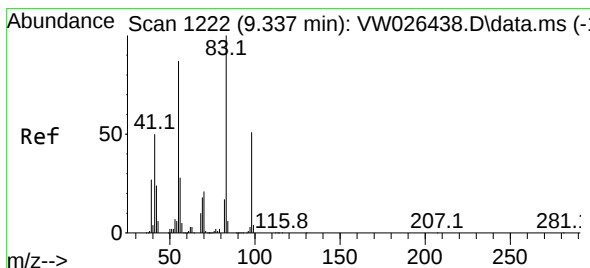
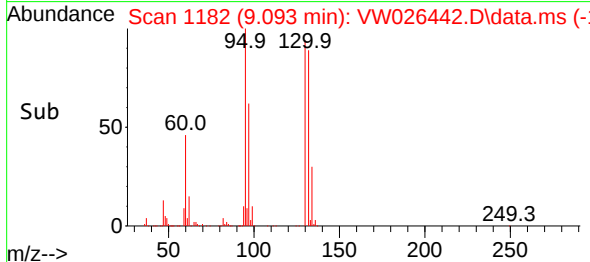
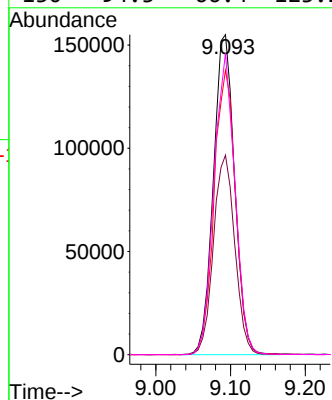
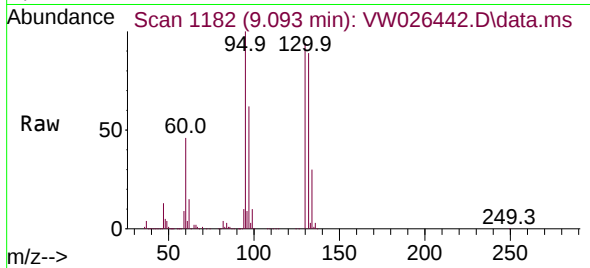




#34
Trichloroethene
Concen: 27.223 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

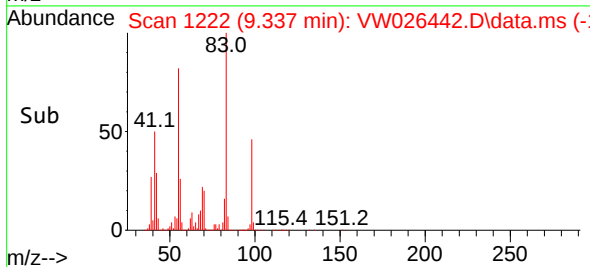
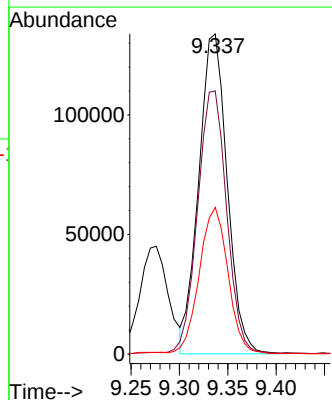
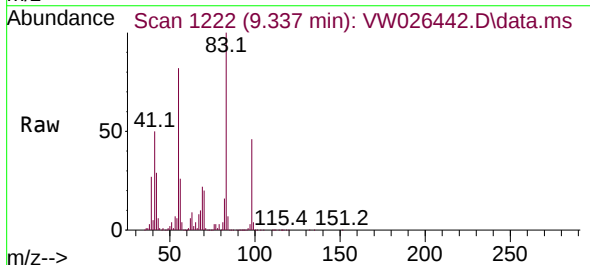
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

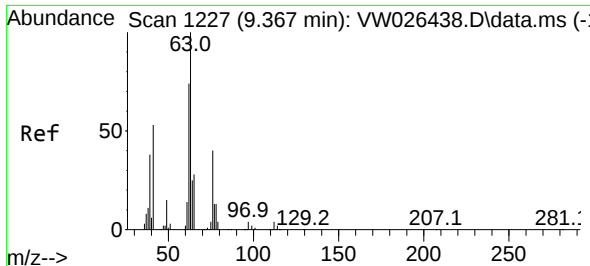
Tgt Ion: 95 Resp: 306645
Ion Ratio Lower Upper
95 100
97 62.3 44.1 81.9
132 88.9 61.8 114.8
130 94.3 66.4 123.2



#35
Methylcyclohexane
Concen: 13.644 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 83 Resp: 273802
Ion Ratio Lower Upper
83 100
55 83.4 66.5 99.7
98 46.3 37.0 55.6





#37

1,2-Dichloropropane

Concen: 29.129 ug/L

RT: 9.368 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

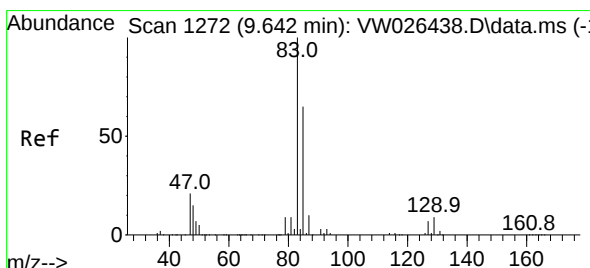
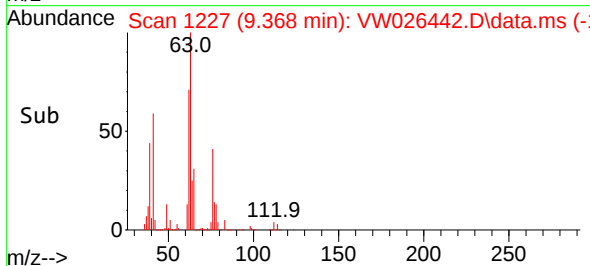
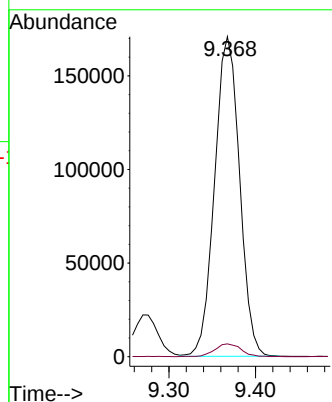
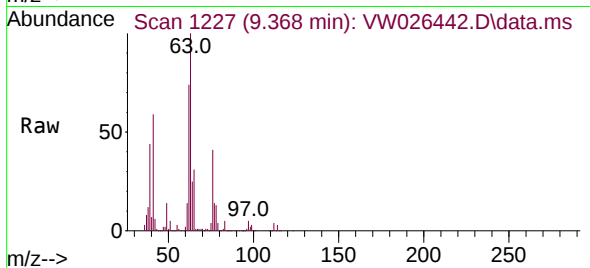
A46Q0MSD

Tgt Ion: 63 Resp: 341942

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 27.444 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

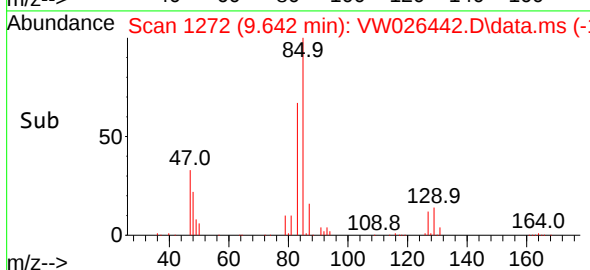
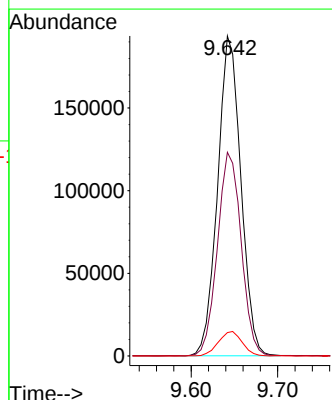
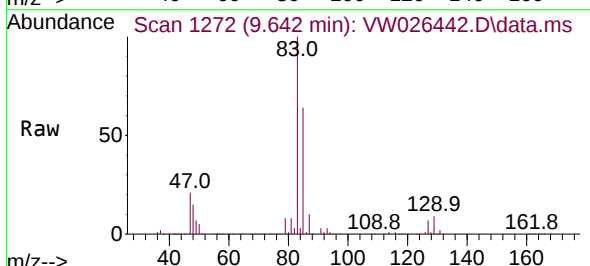
Tgt Ion: 83 Resp: 361589

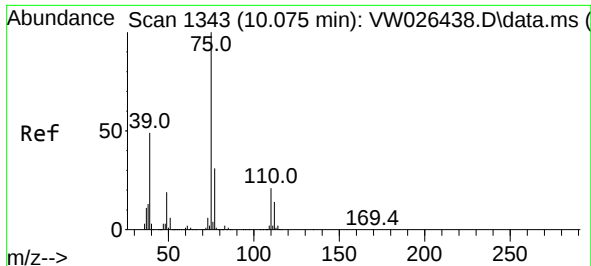
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7

127 7.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.105 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

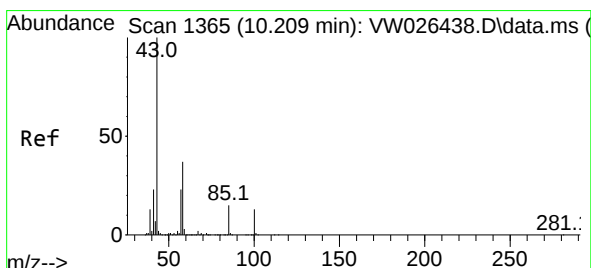
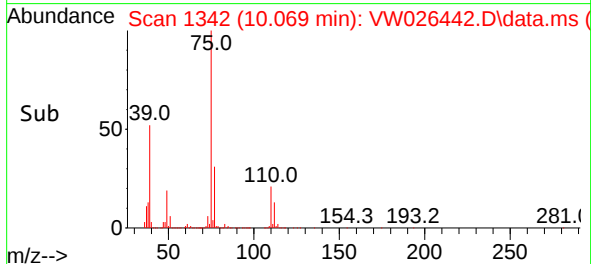
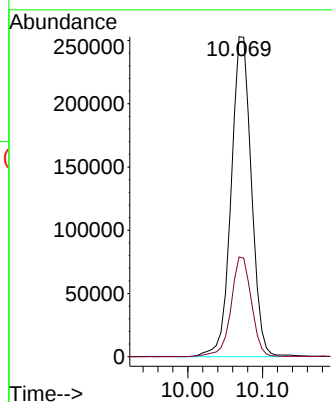
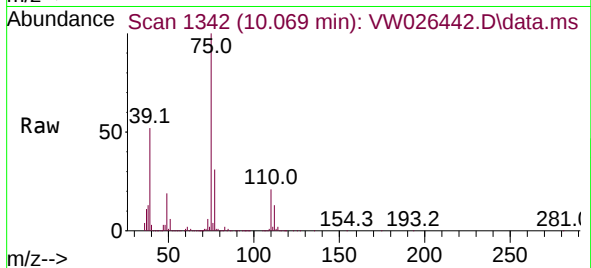
A46Q0MSD

Tgt Ion: 75 Resp: 476226

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 61.495 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

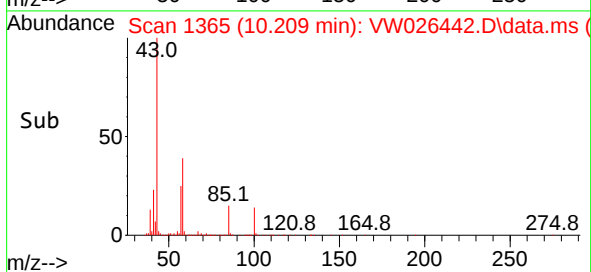
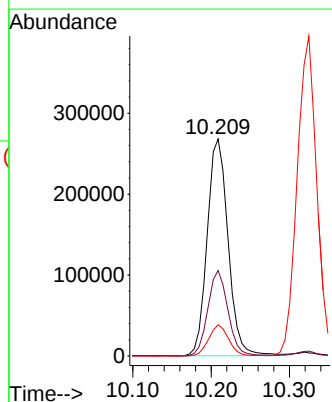
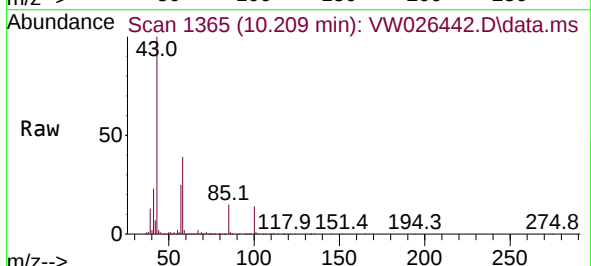
Tgt Ion: 43 Resp: 495647

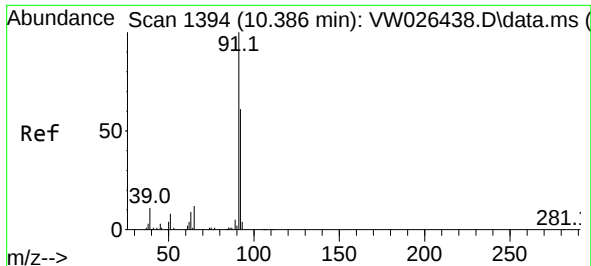
Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5

100 13.8 10.9 16.3

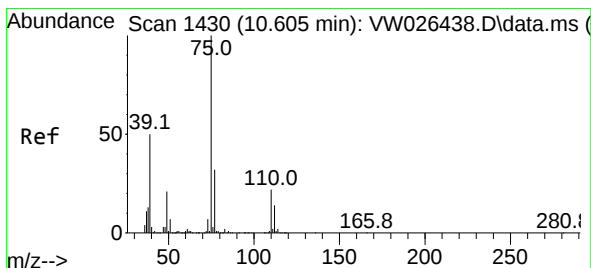
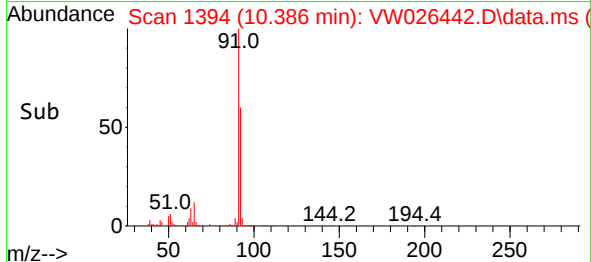
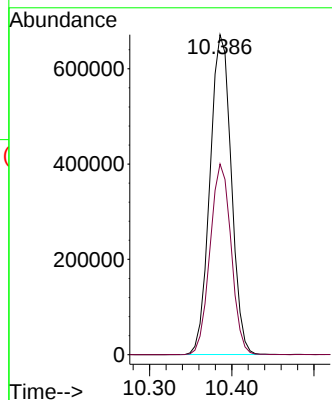
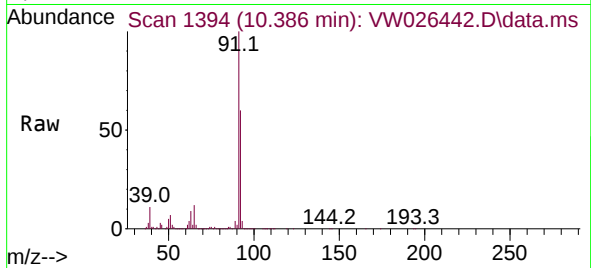




#42
Toluene
Concen: 26.744 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

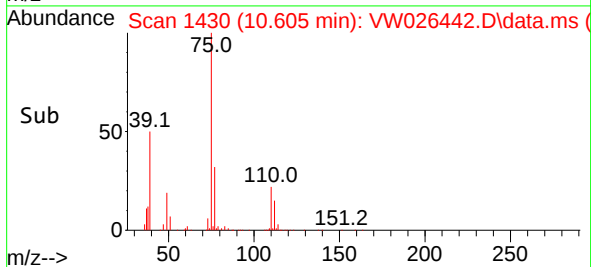
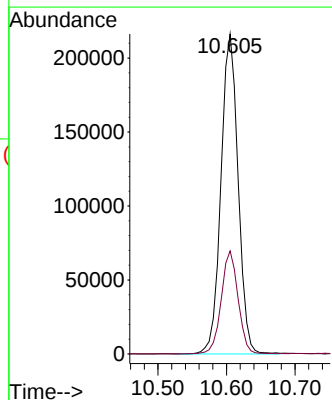
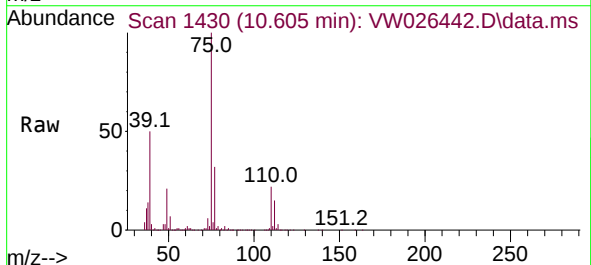
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

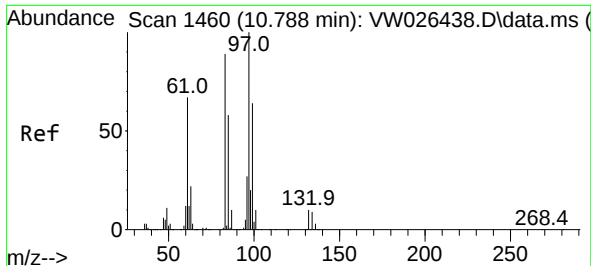
Tgt Ion: 91 Resp: 1209899
Ion Ratio Lower Upper
91 100
92 59.6 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 26.097 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 75 Resp: 374740
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 27.493 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

Tgt Ion: 97 Resp: 219842

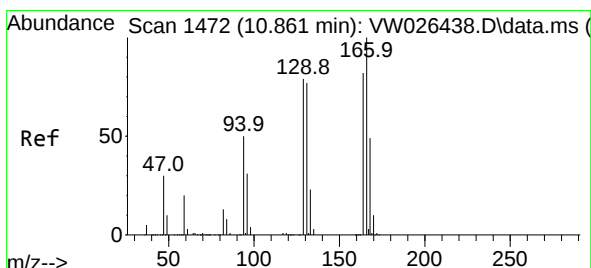
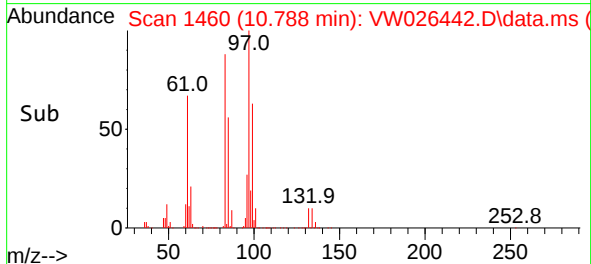
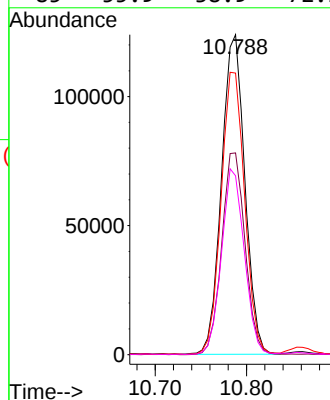
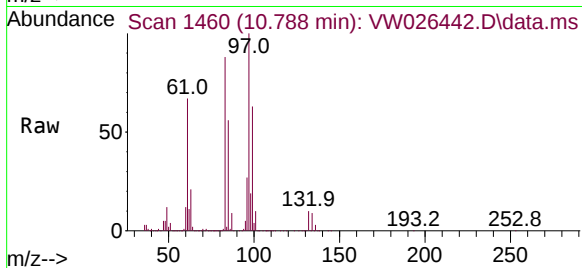
Ion Ratio Lower Upper

97 100

99 63.1 42.1 78.3

83 88.0 60.5 112.5

85 55.9 38.9 72.3



#46

Tetrachloroethene

Concen: 20.626 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Tgt Ion:164 Resp: 164263

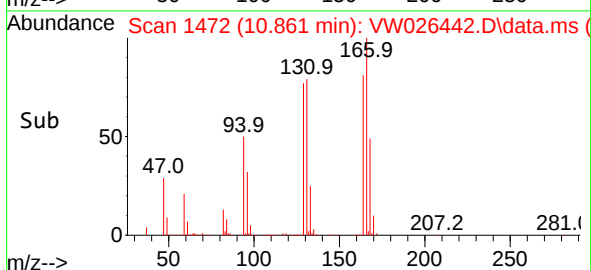
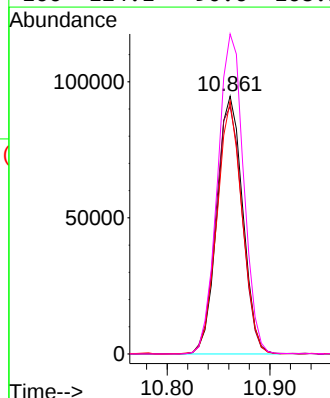
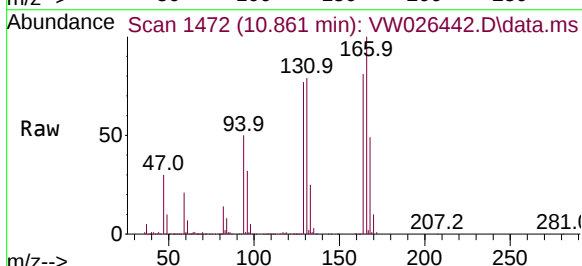
Ion Ratio Lower Upper

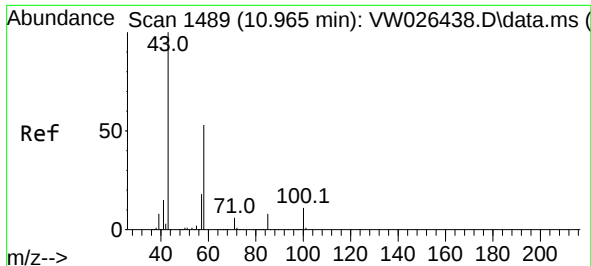
164 100

129 96.1 69.0 128.2

131 98.0 62.6 116.3

166 124.1 90.6 168.3

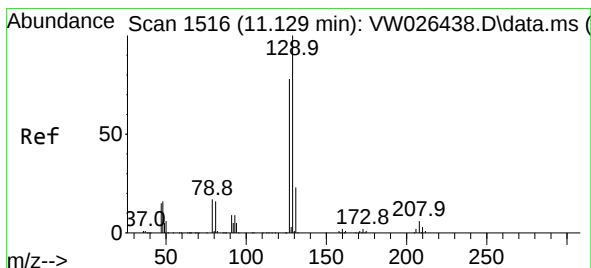
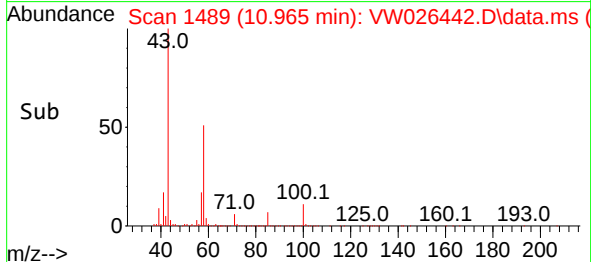
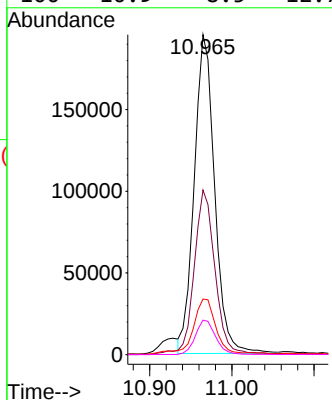
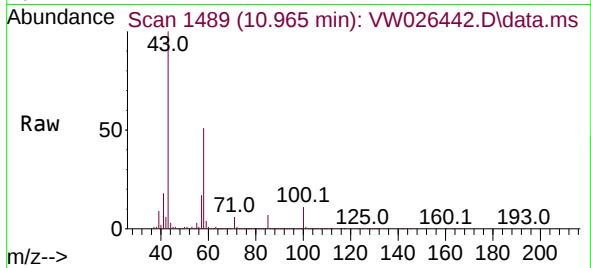




#48
2-Hexanone
Concen: 62.301 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

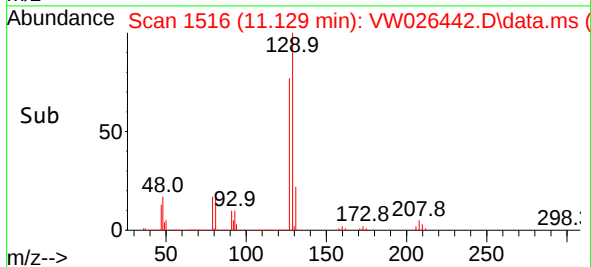
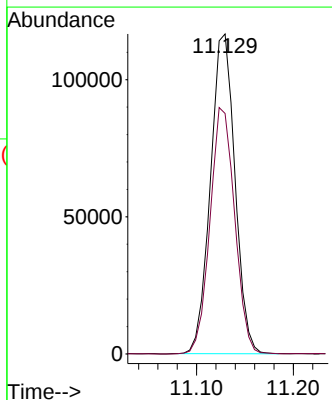
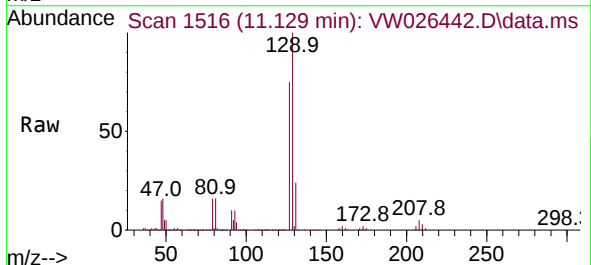
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

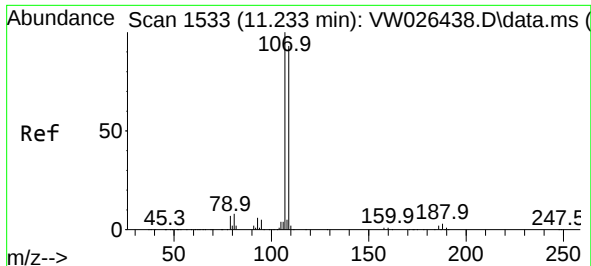
Tgt Ion: 43 Resp: 337042
Ion Ratio Lower Upper
43 100
58 52.0 42.1 63.1
57 18.9 14.5 21.7
100 10.9 8.5 12.7



#49
Dibromochloromethane
Concen: 25.782 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 129 Resp: 205339
Ion Ratio Lower Upper
129 100
127 75.2 54.0 100.4





#50

1,2-Dibromoethane

Concen: 27.326 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

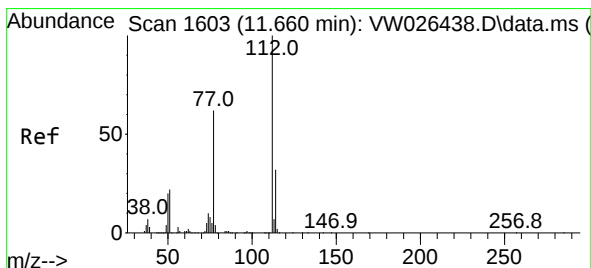
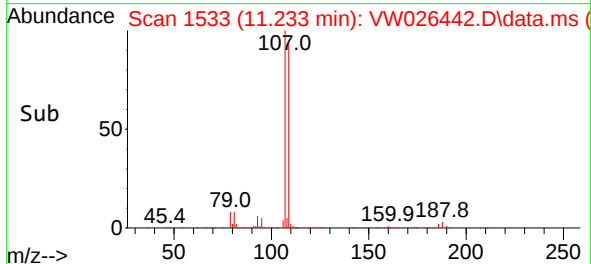
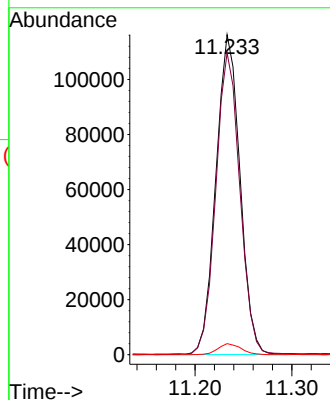
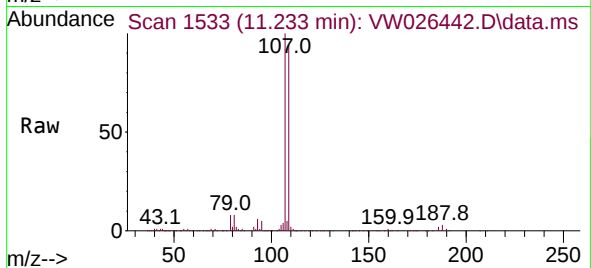
Tgt Ion:107 Resp: 200927

Ion Ratio Lower Upper

107 100

109 94.4 69.0 128.2

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 22.502 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

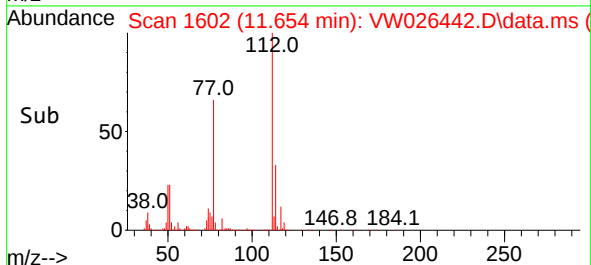
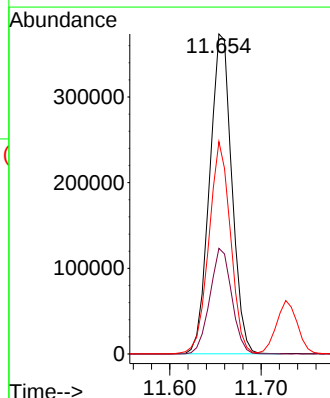
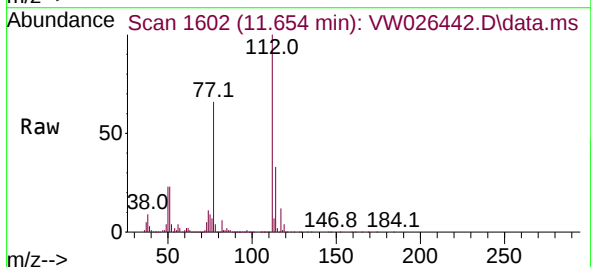
Tgt Ion:112 Resp: 629871

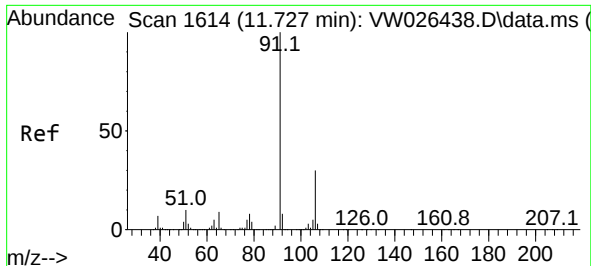
Ion Ratio Lower Upper

112 100

114 33.0 22.3 41.5

77 66.4 49.6 74.4

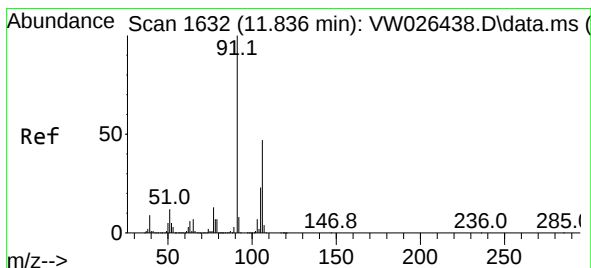
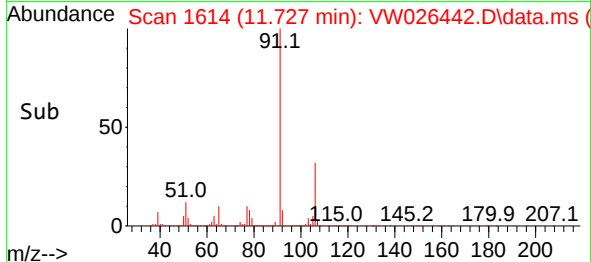
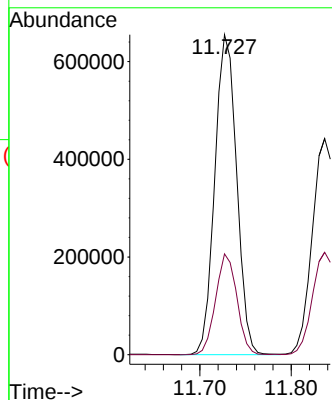
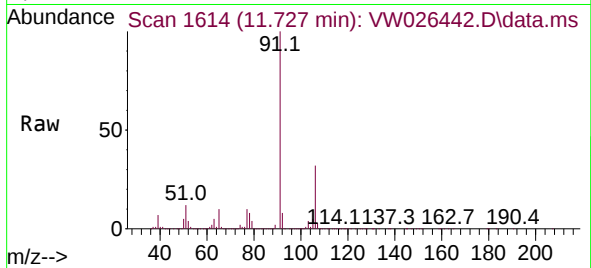




#52
Ethylbenzene
Concen: 21.370 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

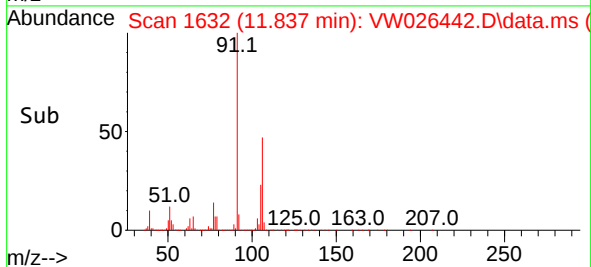
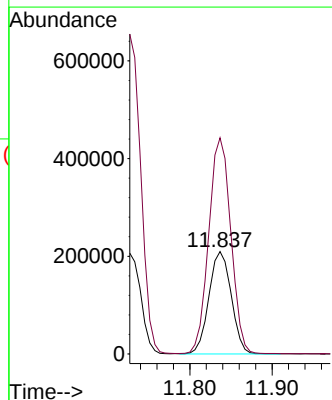
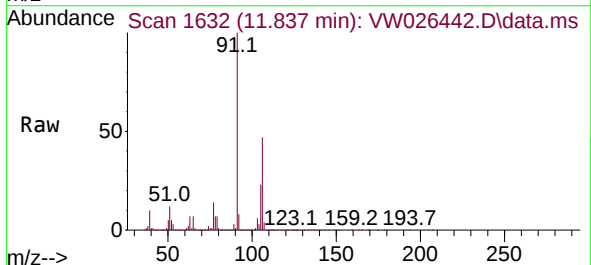
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

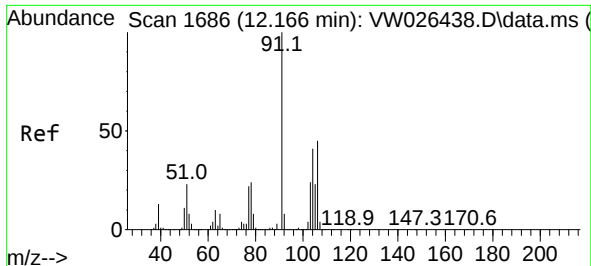
Tgt Ion: 91 Resp: 1087891
Ion Ratio Lower Upper
91 100
106 31.5 20.9 38.7



#53
m,p-Xylene
Concen: 20.911 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 106 Resp: 394733
Ion Ratio Lower Upper
106 100
91 211.0 146.7 272.5

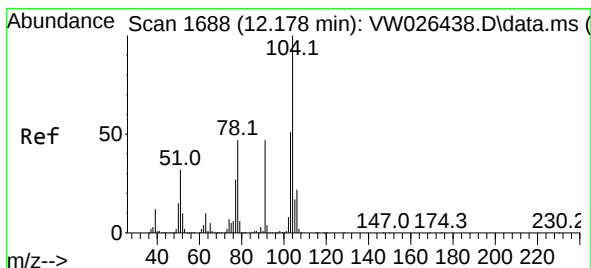
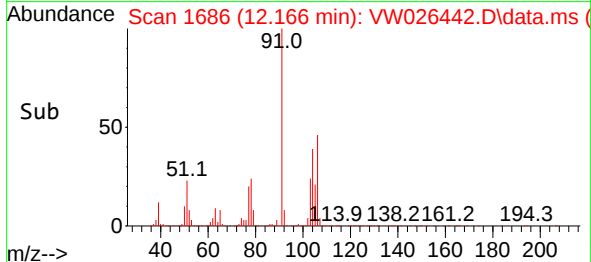
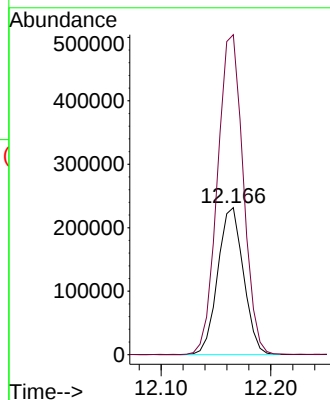
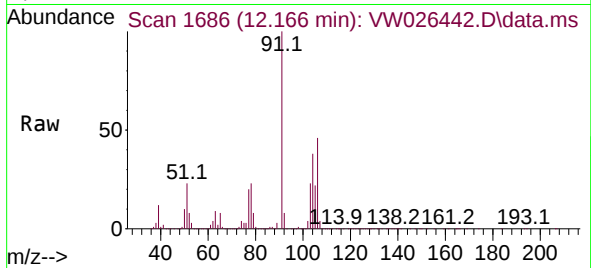




#54
o-Xylene
Concen: 21.531 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

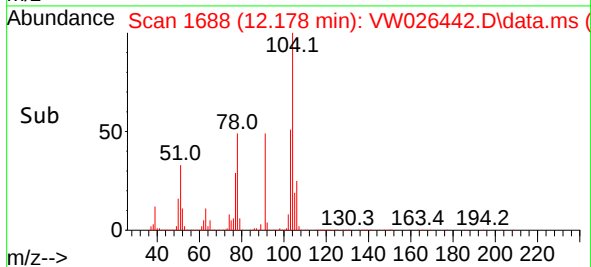
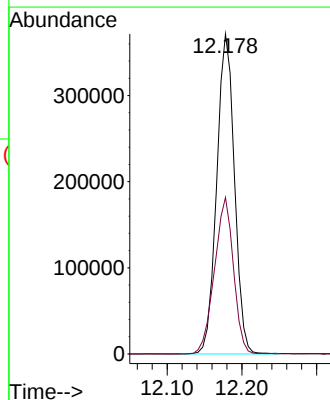
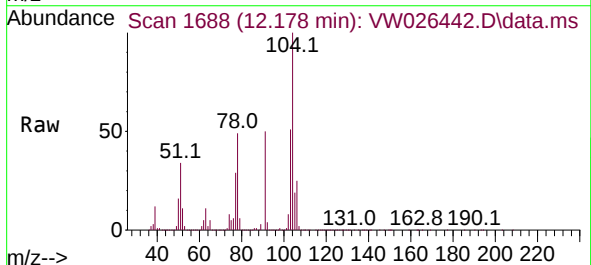
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

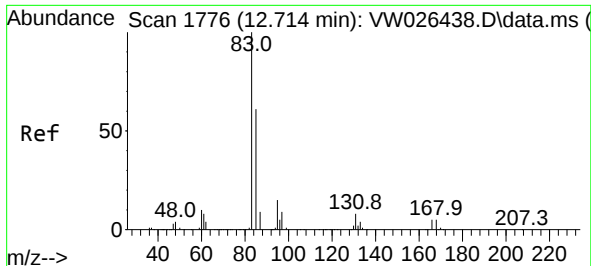
Tgt Ion:106 Resp: 376963
Ion Ratio Lower Upper
106 100
91 217.6 145.5 270.1



#55
Styrene
Concen: 20.496 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion:104 Resp: 612500
Ion Ratio Lower Upper
104 100
78 48.9 34.8 64.6





#57

1,1,2-Tetrachloroethane

Concen: 23.003 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

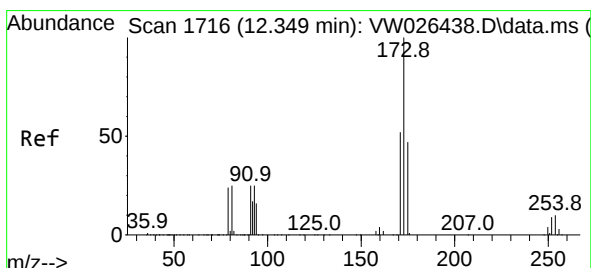
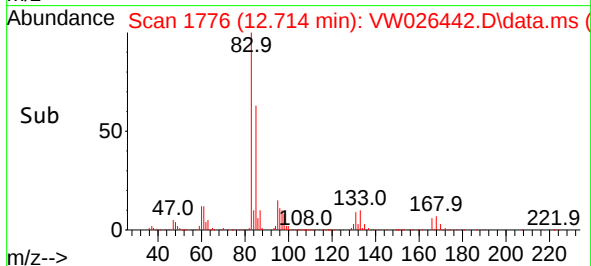
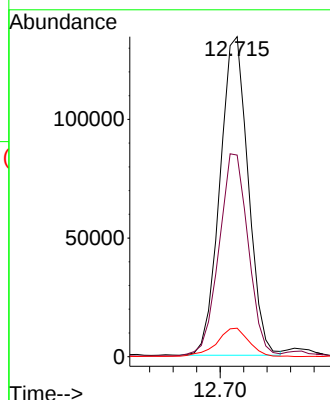
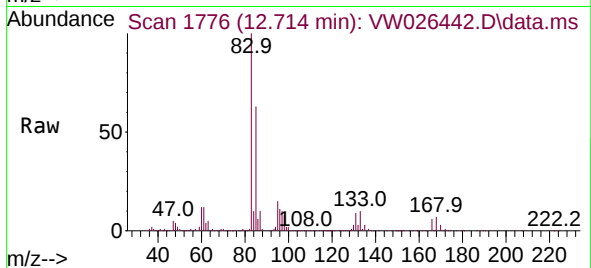
Tgt Ion: 83 Resp: 224610

Ion Ratio Lower Upper

83 100

85 63.0 44.6 82.8

131 8.9 7.2 10.8



#59

Bromoform

Concen: 39.003 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

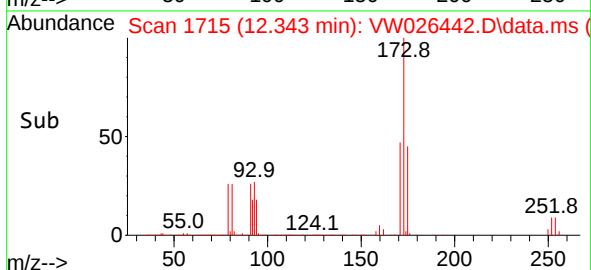
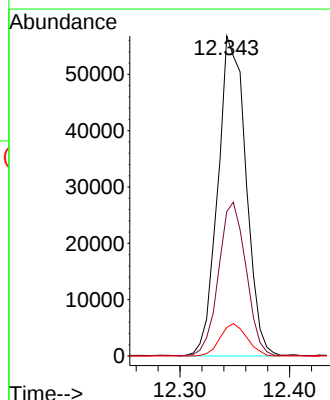
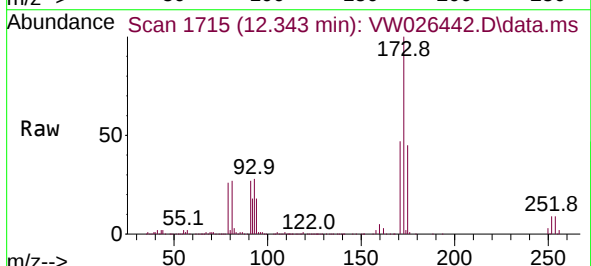
Tgt Ion:173 Resp: 101010

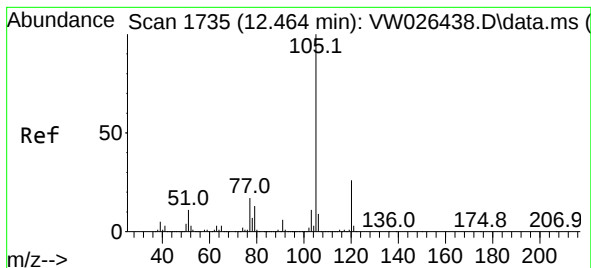
Ion Ratio Lower Upper

173 100

175 47.0 37.4 56.2

254 9.6 7.3 10.9





#60

Isopropylbenzene

Concen: 28.935 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

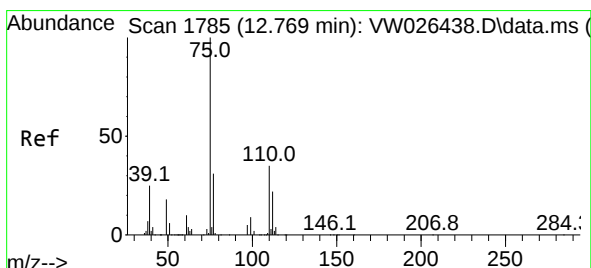
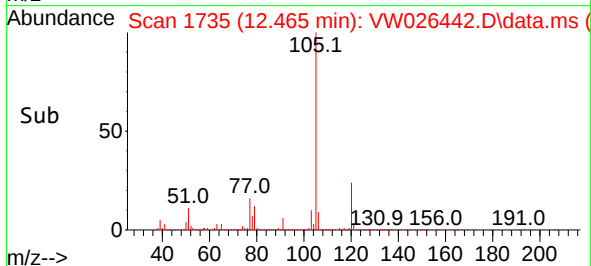
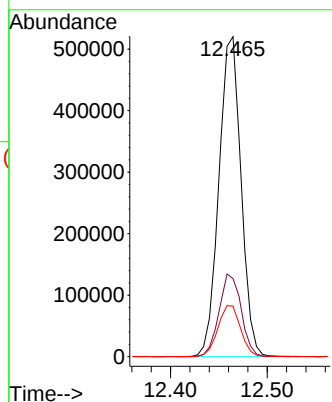
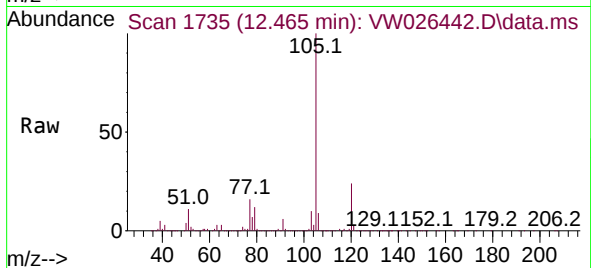
Tgt Ion:105 Resp: 825451

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

77 16.3 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 42.890 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

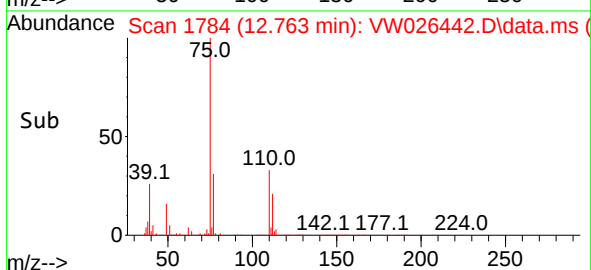
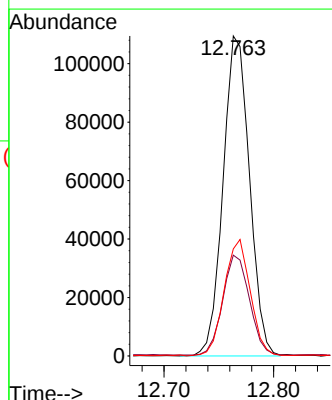
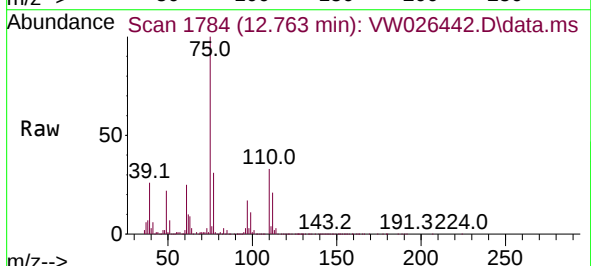
Tgt Ion: 75 Resp: 183351

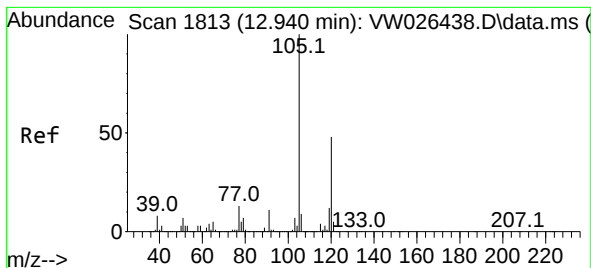
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

110 36.0 28.2 42.4

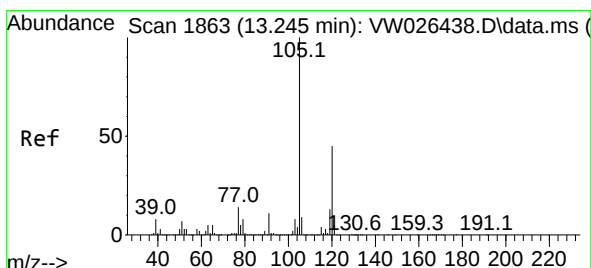
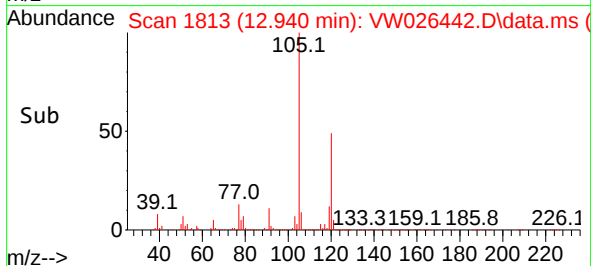
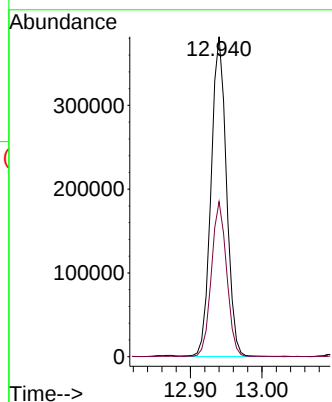
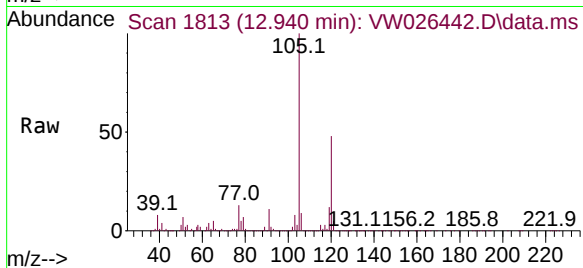




#62
 1,3,5-Trimethylbenzene
 Concen: 25.123 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

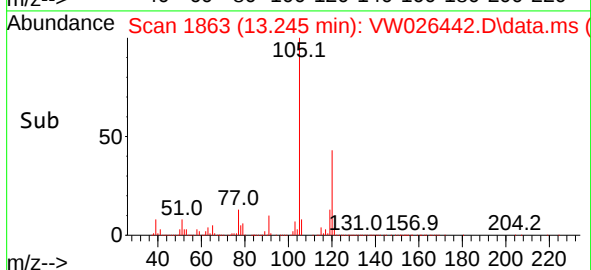
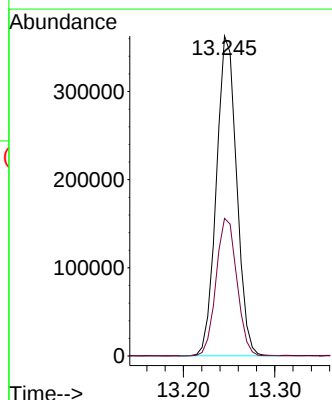
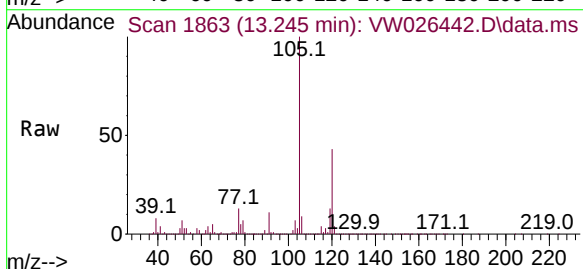
Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0MSD

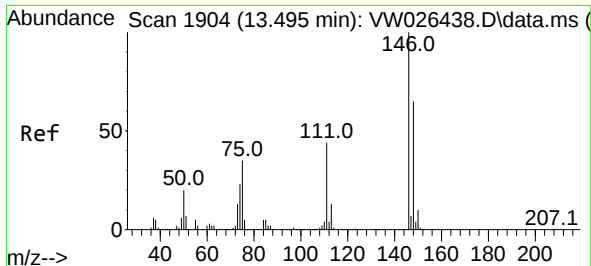
Tgt Ion:105 Resp: 569913
 Ion Ratio Lower Upper
 105 100
 120 47.9 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 25.252 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026442.D
 Acq: 29 Jun 2023 19:14

Tgt Ion:105 Resp: 559617
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.0 54.0

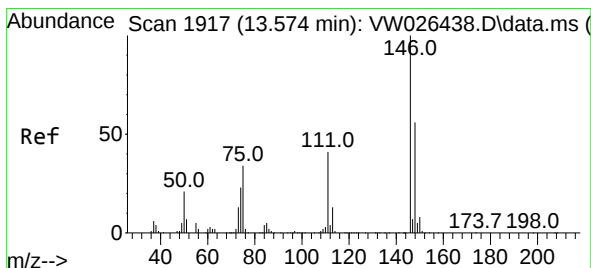
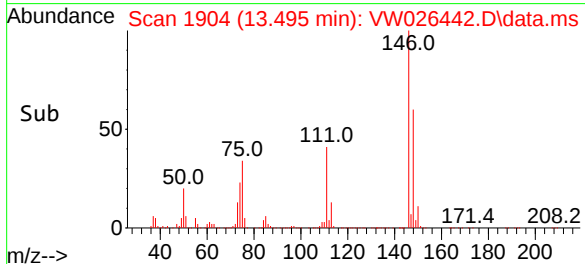
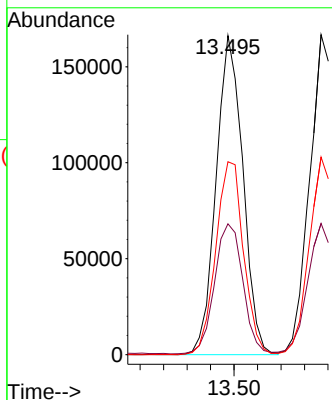
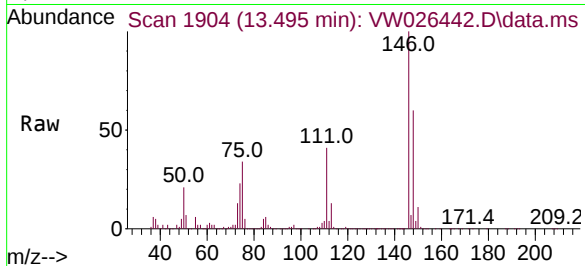




#64
1,3-Dichlorobenzene
Concen: 22.013 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

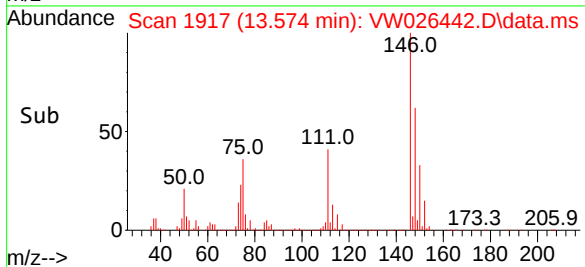
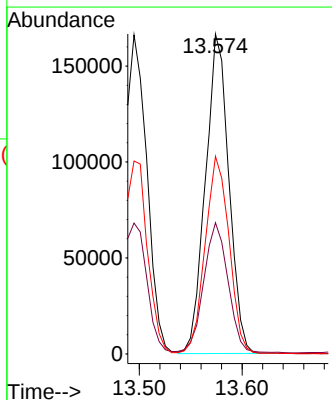
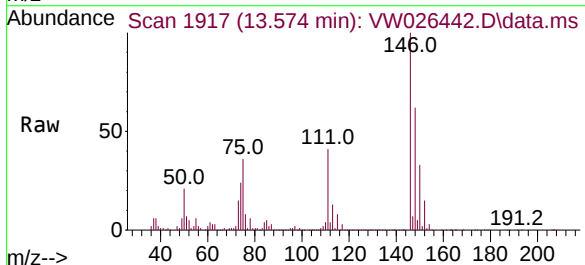
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

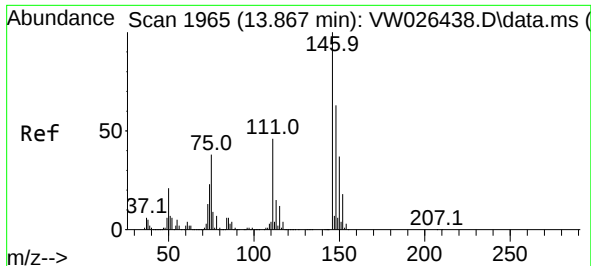
Tgt Ion:146 Resp: 263482
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.9
148 60.5 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 22.148 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026442.D
Acq: 29 Jun 2023 19:14

Tgt Ion:146 Resp: 263652
Ion Ratio Lower Upper
146 100
111 41.0 30.7 56.9
148 61.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 21.314 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

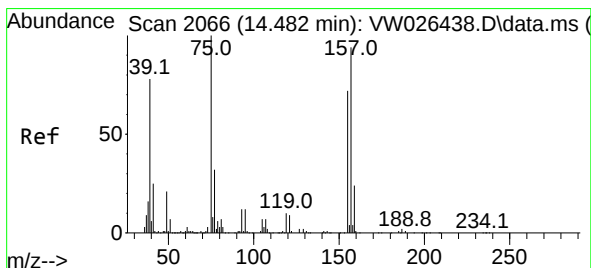
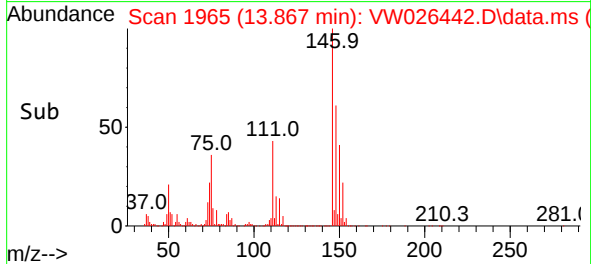
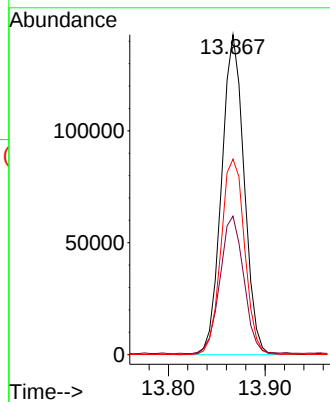
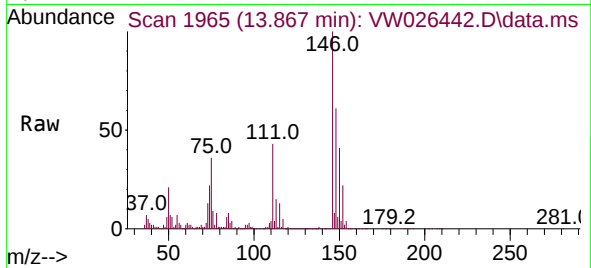
Tgt Ion:146 Resp: 230860

Ion Ratio Lower Upper

146 100

111 43.3 34.7 52.1

148 61.1 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 33.403 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

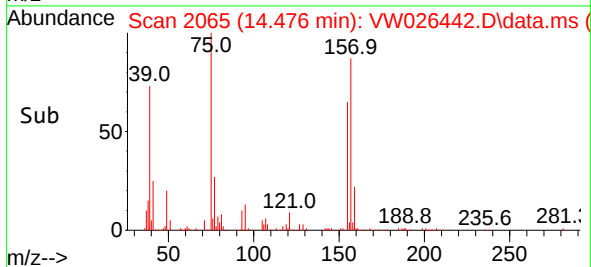
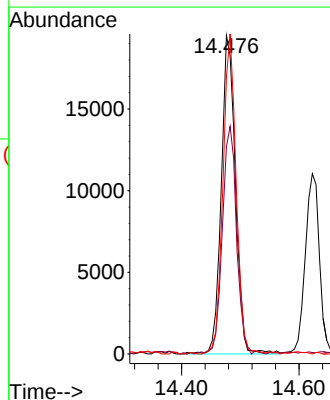
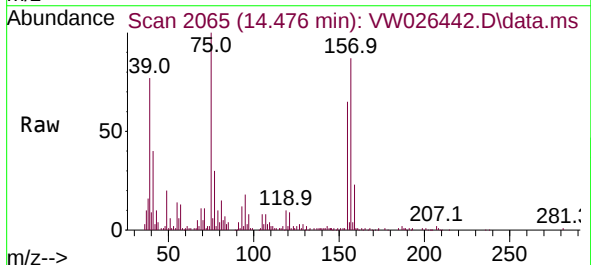
Tgt Ion: 75 Resp: 32722

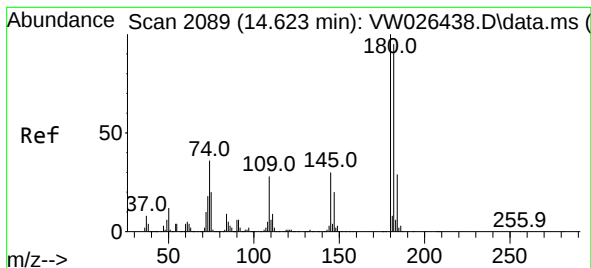
Ion Ratio Lower Upper

75 100

155 65.1 58.5 87.7

157 87.0 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 10.927 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

Tgt Ion:180 Resp: 89033

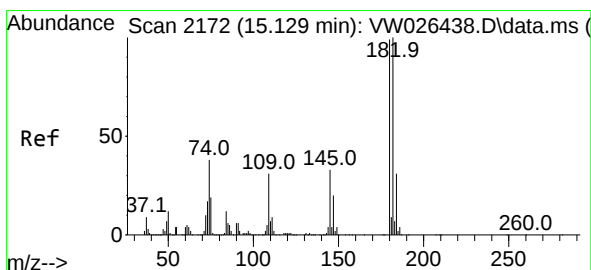
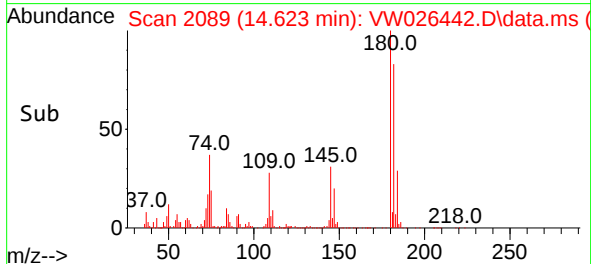
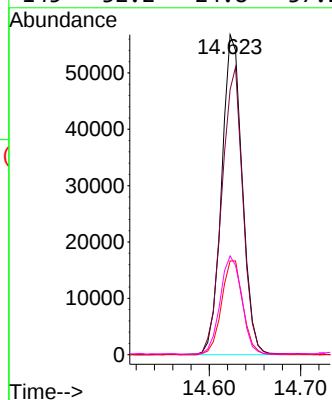
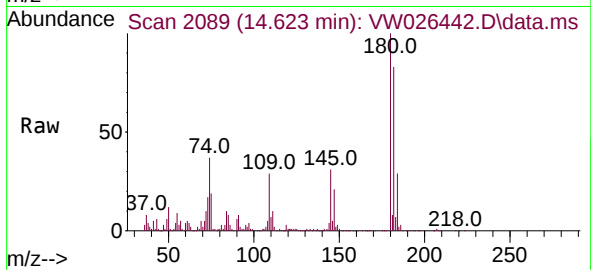
Ion Ratio Lower Upper

180 100

182 91.6 74.5 111.7

184 30.4 23.8 35.6

145 32.2 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 9.452 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

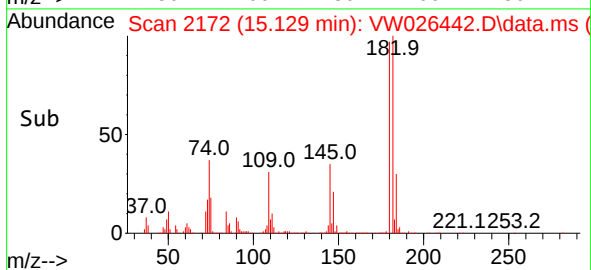
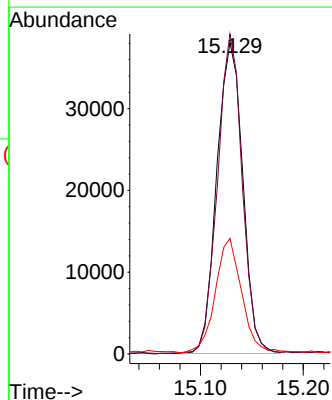
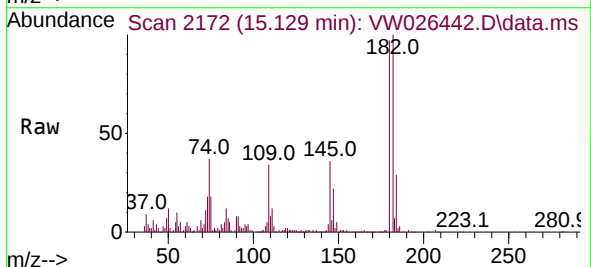
Tgt Ion:180 Resp: 66657

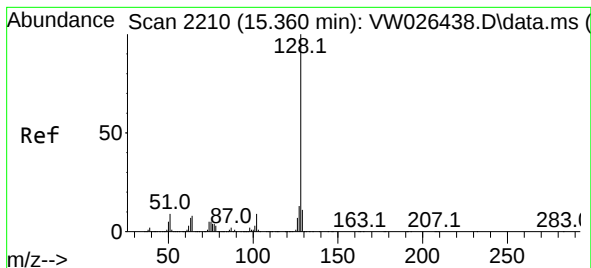
Ion Ratio Lower Upper

180 100

182 97.3 75.5 113.3

145 37.4 26.2 39.2





#71

Naphthalene

Concen: 15.997 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MSD

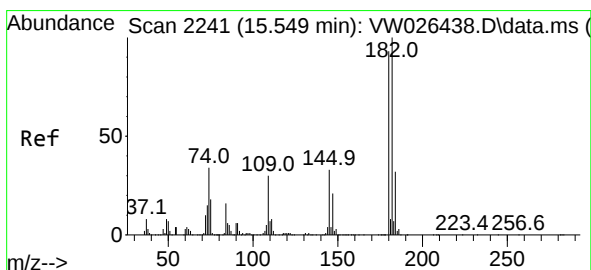
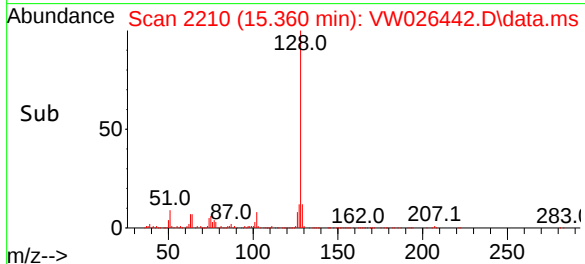
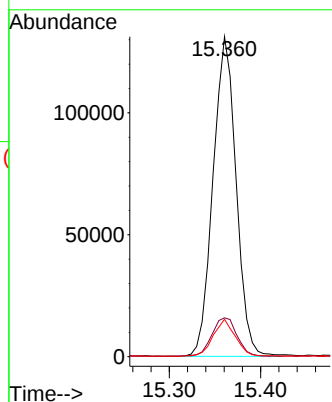
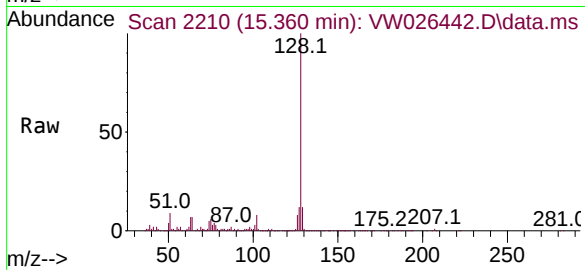
Tgt Ion:128 Resp: 229948

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 8.504 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026442.D

Acq: 29 Jun 2023 19:14

Tgt Ion:180 Resp: 51573

Ion Ratio Lower Upper

180 100

182 99.0 75.7 113.5

145 39.0 27.0 40.6

