

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026402.D
 Acq On : 28 Jun 2023 16:45
 Operator : SY/MD
 Sample : 03421-22MS
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

Quant Time: Jun 28 23:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	826350	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	698140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	309623	25.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.160%	
7) Chloroethane-d5	2.893	69	277257	32.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 129.960%	
11) 1,1-Dichloroethene-d2	4.021	65	139672	25.698	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.800%	
21) 2-Butanone-d5	7.075	46	177626	47.079	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.160%	
24) Chloroform-d	7.648	84	531151	22.683	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 90.720%	
26) 1,2-Dichloroethane-d4	8.307	65	321434	24.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.720%	
32) Benzene-d6	8.276	84	1041847	24.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.440%	
36) 1,2-Dichloropropane-d6	9.270	67	325526	23.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 92.720%	
41) Toluene-d8	10.325	98	821201	21.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 86.840%	
43) trans-1,3-Dichloroprop...	10.575	79	116048	20.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 82.320%	
47) 2-Hexanone-d5	10.922	63	118723	55.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.100%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252567	22.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.400%	
66) 1,2-Dichlorobenzene-d4	13.849	152	136916	22.016	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175531	17.671	ug/L	89
3) Chloromethane	2.229	50	297295	20.698	ug/L	97
5) Vinyl chloride	2.375	62	312072	20.896	ug/L	99
6) Bromomethane	2.783	94	186001	22.691	ug/L	98
8) Chloroethane	2.930	64	217671	27.182	ug/L	99
9) Trichlorofluoromethane	3.265	101	228636	21.705	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	181288	15.897	ug/L	96
12) 1,1-Dichloroethene	4.045	96	211172	19.764	ug/L	84
13) Acetone	4.119	43	307867	101.946	ug/L	100
14) Carbon disulfide	4.387	76	604146	16.001	ug/L	99
15) Methyl Acetate	4.667	43	133282	19.252	ug/L	100
16) Methylene chloride	4.923	84	238056	17.024	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	218240	18.583	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	414354	22.559	ug/L	97
19) 1,1-Dichloroethane	6.216	63	476847	19.388	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	244070	19.231	ug/L	95
22) 2-Butanone	7.167	43	277816	60.125	ug/L	100
23) Bromochloromethane	7.514	128	105004	19.290	ug/L	95
25) Chloroform	7.679	83	445923	19.563	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026402.D
 Acq On : 28 Jun 2023 16:45
 Operator : SY/MD
 Sample : 03421-22MS
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

Quant Time: Jun 28 23:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

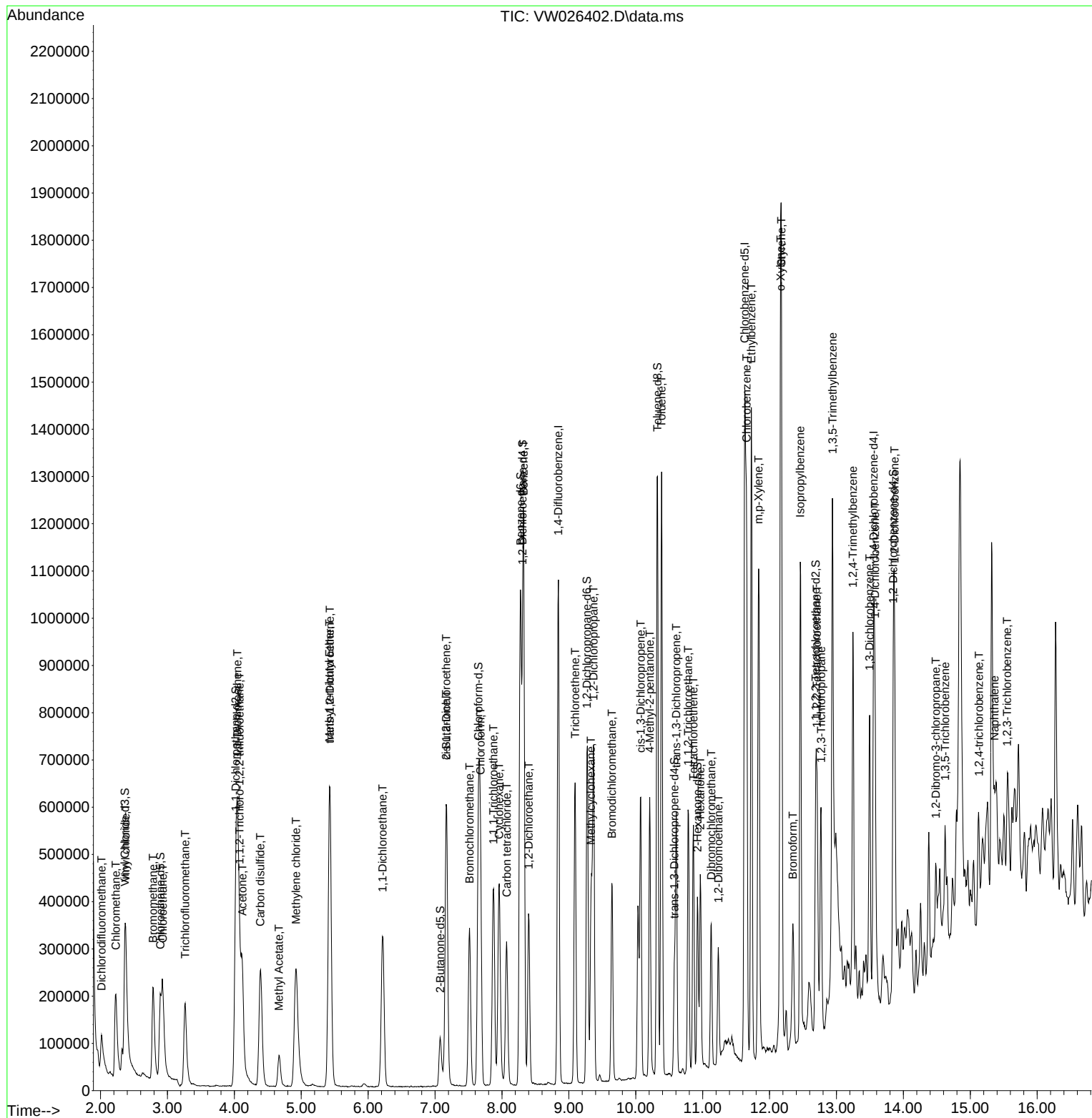
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	332334	20.278	ug/L	97
29) Cyclohexane	7.959	56	252551	12.527	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	345691	20.469	ug/L	99
31) Carbon tetrachloride	8.069	117	227368	14.976	ug/L	97
33) Benzene	8.325	78	951105	20.169	ug/L	100
34) Trichloroethene	9.093	95	222923	18.463	ug/L	97
35) Methylcyclohexane	9.331	83	157834	7.623	ug/L	99
37) 1,2-Dichloropropane	9.368	63	251238	19.069	ug/L	99
38) Bromodichloromethane	9.642	83	277288	18.327	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	333660	17.676	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	407367	47.902	ug/L	99
42) Toluene	10.386	91	876357	18.525	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	278446	17.475	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	164588	18.657	ug/L	97
46) Tetrachloroethene	10.861	164	107228	12.606	ug/L	95
48) 2-Hexanone	10.965	43	280191	46.694	ug/L	99
49) Dibromochloromethane	11.130	129	151005	16.717	ug/L	98
50) 1,2-Dibromoethane	11.233	107	153513	18.954	ug/L	99
51) Chlorobenzene	11.654	112	552832	18.321	ug/L	99
52) Ethylbenzene	11.727	91	923194	17.319	ug/L	97
53) m,p-Xylene	11.837	106	326354	16.787	ug/L	92
54) o-Xylene	12.166	106	317728	17.358	ug/L	91
55) Styrene	12.178	104	521592	16.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	207032	18.775	ug/L	99
59) Bromoform	12.349	173	87230	32.284	ug/L	98
60) Isopropylbenzene	12.459	105	642810	23.946	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	173392	39.937	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	432729	20.795	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	421095	20.981	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	198680	17.280	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	209341	18.193	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	185791	18.143	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.483	75	29419	29.399	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	62617	8.475	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	51230	8.473	ug/L #	87
71) Naphthalene	15.360	128	189872	15.622	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.549	180	42262	7.487	ug/L #	88

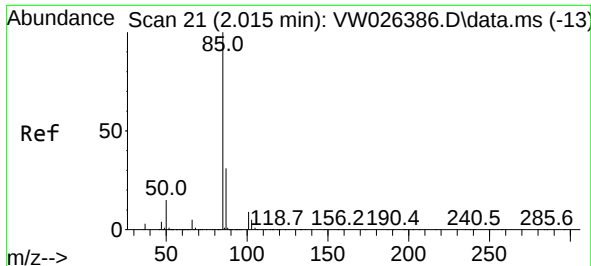
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026402.D
 Acq On : 28 Jun 2023 16:45
 Operator : SY/MD
 Sample : 03421-22MS
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

Quant Time: Jun 28 23:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

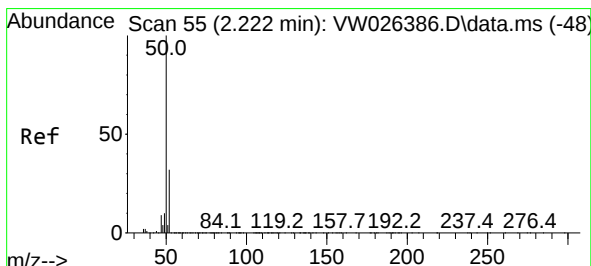
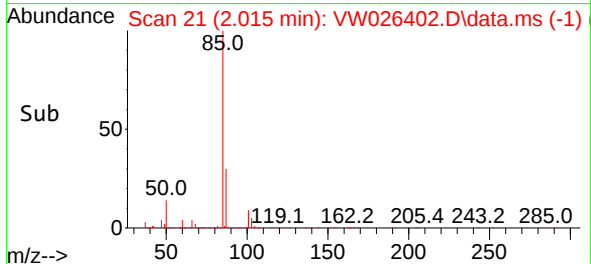
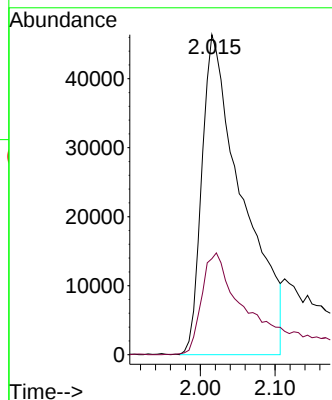
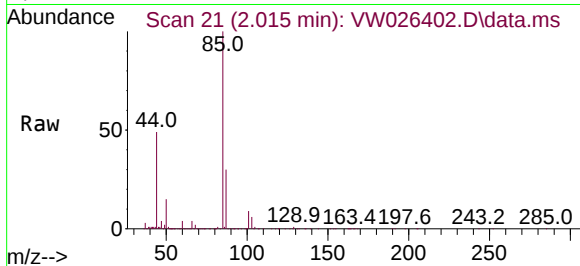




#2
 Dichlorodifluoromethane
 Concen: 17.671 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

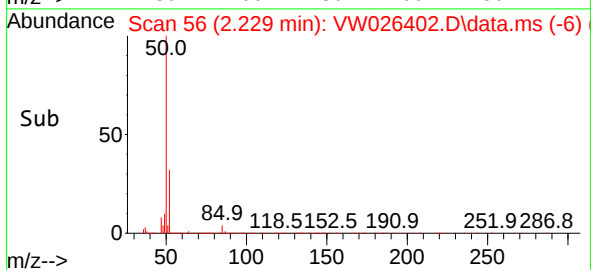
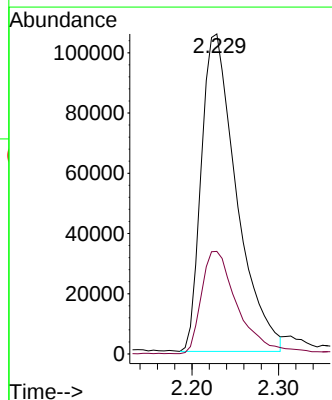
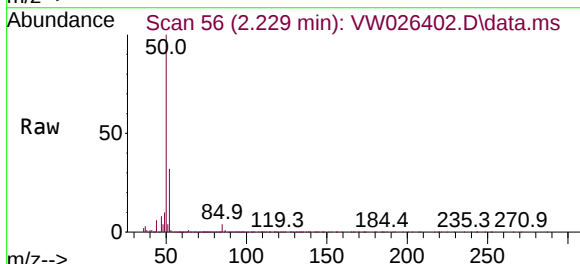
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

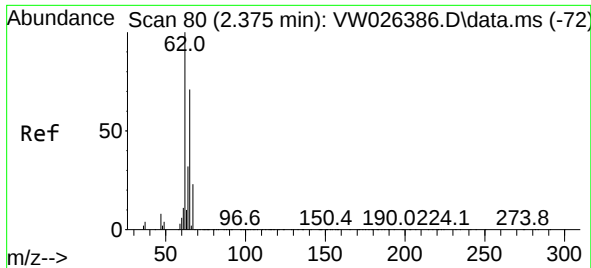
Tgt Ion: 85 Resp: 175531
 Ion Ratio Lower Upper
 85 100
 87 25.5 25.2 37.8



#3
 Chloromethane
 Concen: 20.698 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.007 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

Tgt Ion: 50 Resp: 297295
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.4 39.8

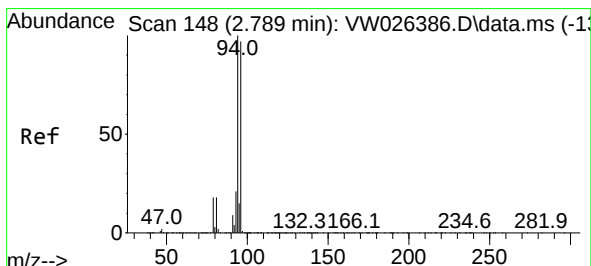
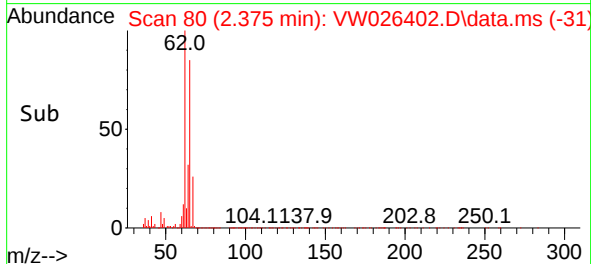
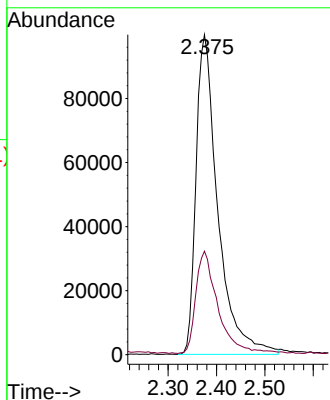
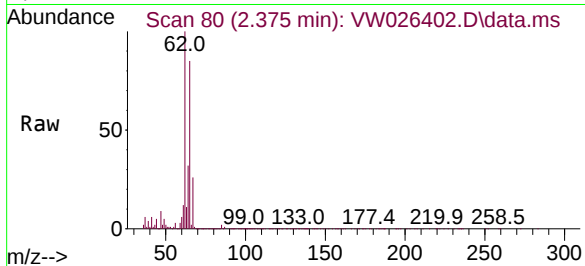




#5
 Vinyl chloride
 Concen: 20.896 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

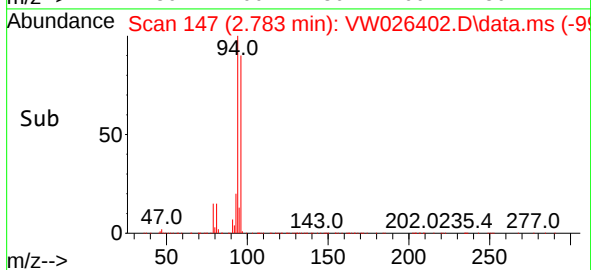
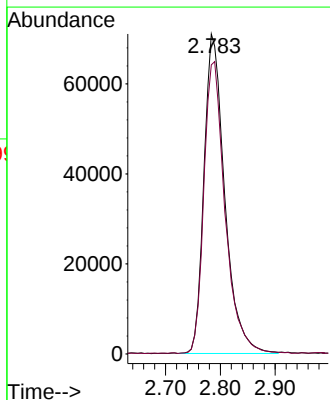
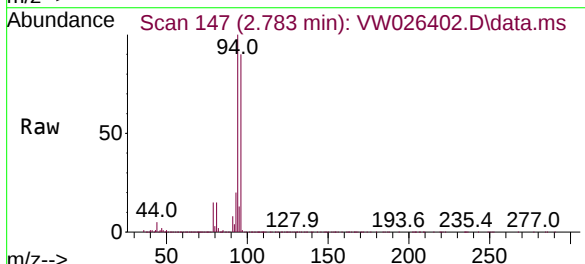
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

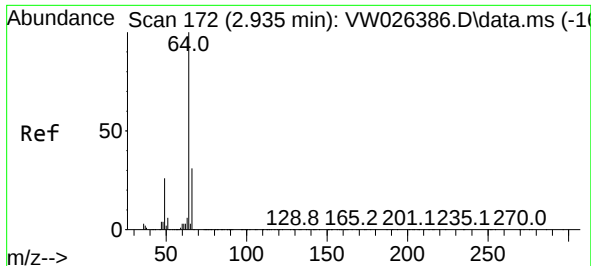
Tgt Ion: 62 Resp: 312072
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.8



#6
 Bromomethane
 Concen: 22.691 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

Tgt Ion: 94 Resp: 186001
 Ion Ratio Lower Upper
 94 100
 96 90.3 64.6 120.0

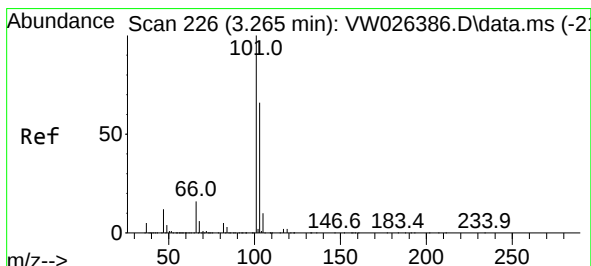
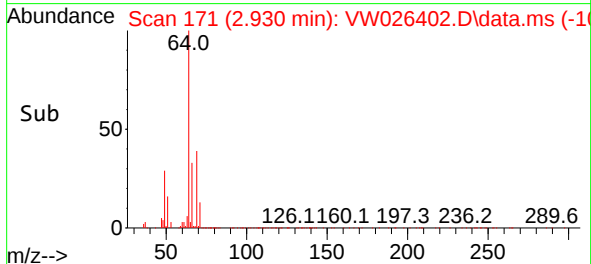
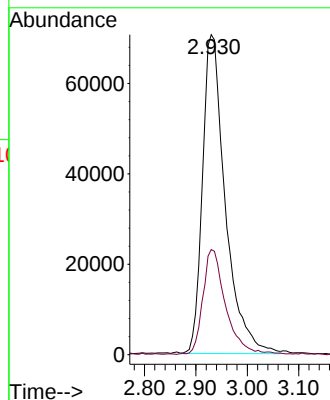
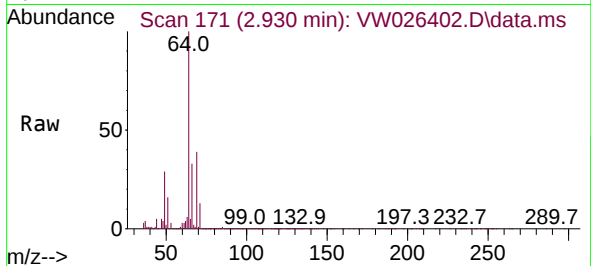




#8
Chloroethane
Concen: 27.182 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

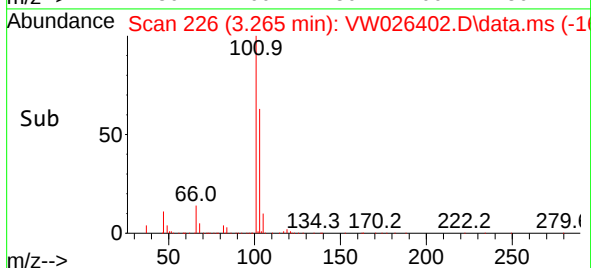
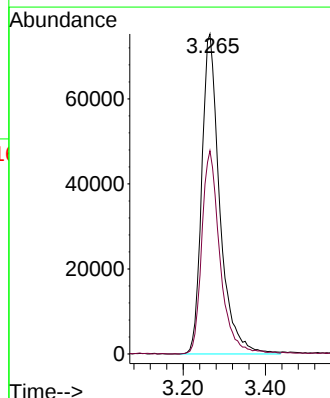
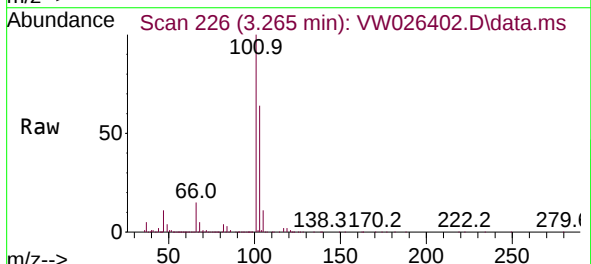
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

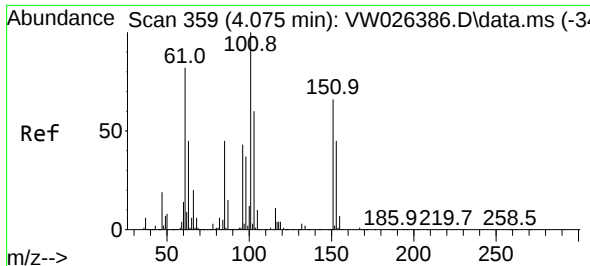
Tgt Ion: 64 Resp: 217671
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 21.705 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion:101 Resp: 228636
Ion Ratio Lower Upper
101 100
103 63.4 52.9 79.3

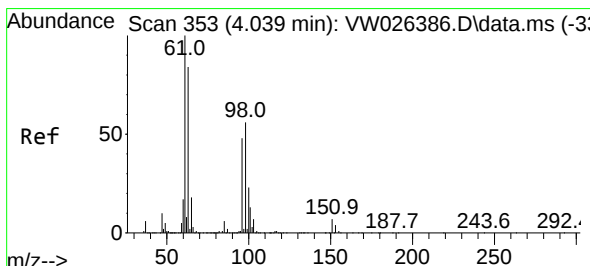
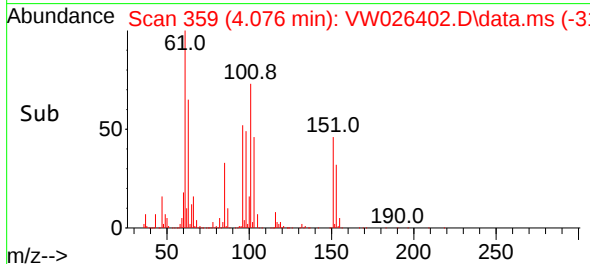
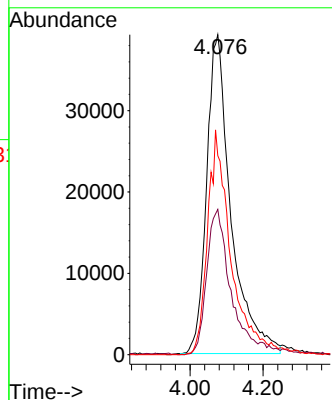
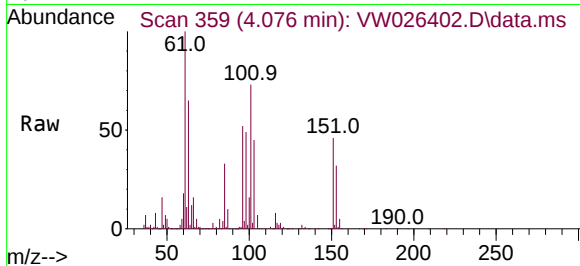




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.897 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

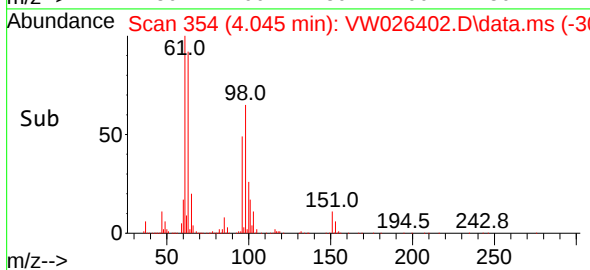
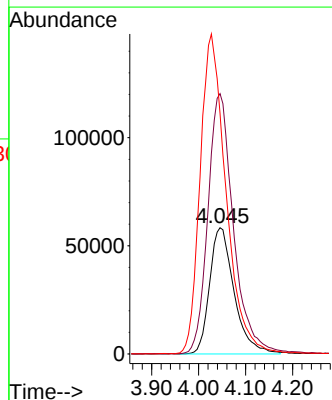
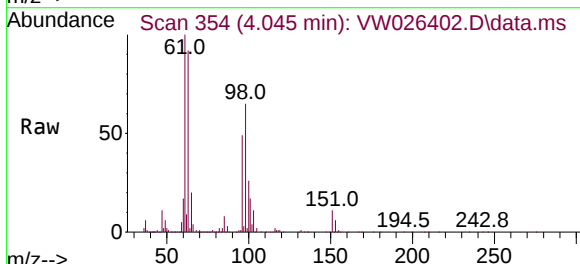
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

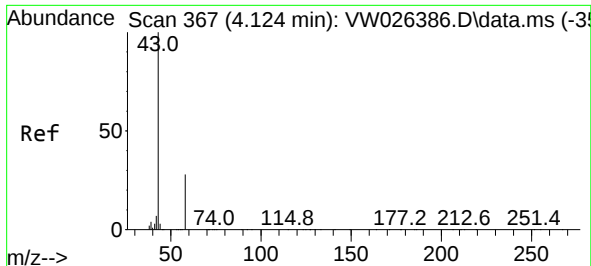
Tgt Ion:101 Resp: 181288
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.4 53.0
 151 64.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 19.764 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.007 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

Tgt Ion: 96 Resp: 211172
 Ion Ratio Lower Upper
 96 100
 61 206.1 134.3 249.3
 63 190.3 112.3 208.5

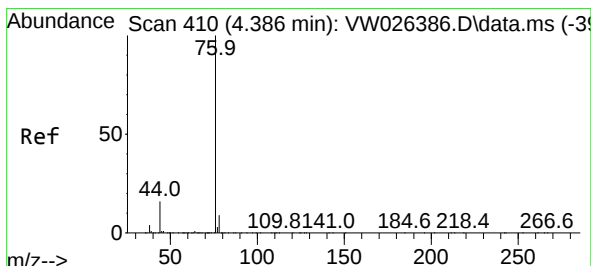
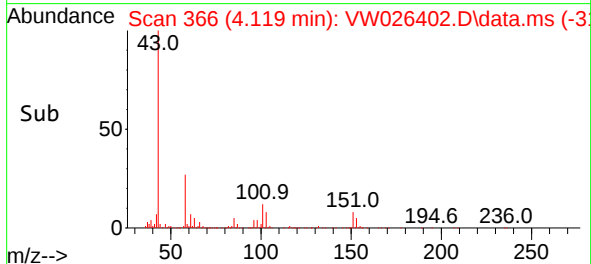
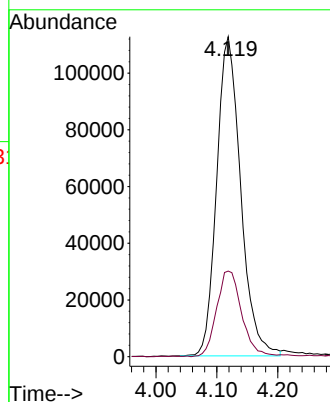
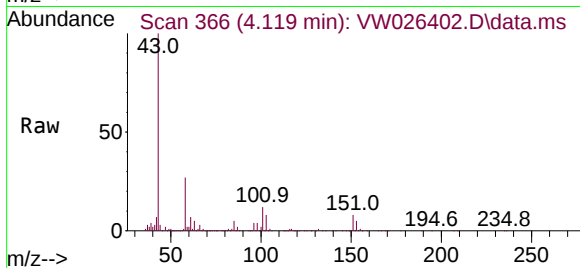




#13
Acetone
Concen: 101.946 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

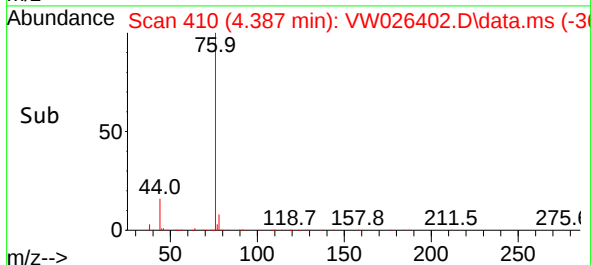
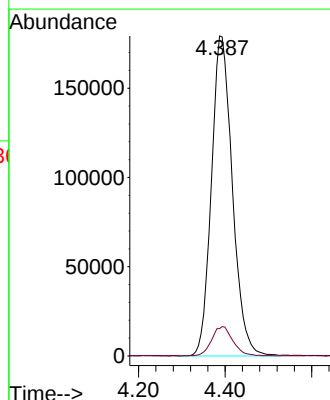
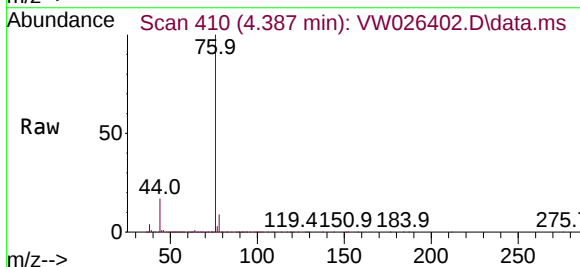
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

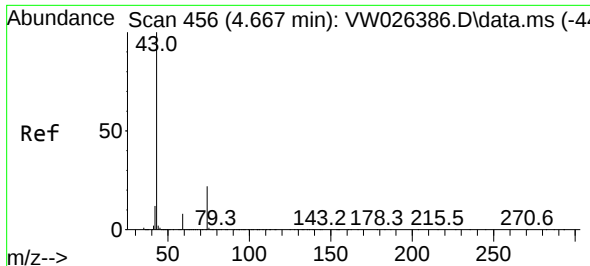
Tgt Ion: 43 Resp: 307867
Ion Ratio Lower Upper
43 100
58 27.9 0.0 55.8



#14
Carbon disulfide
Concen: 16.001 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 76 Resp: 604146
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

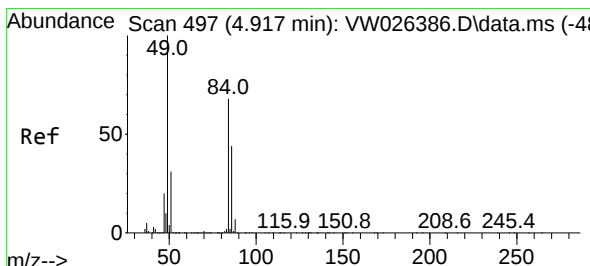
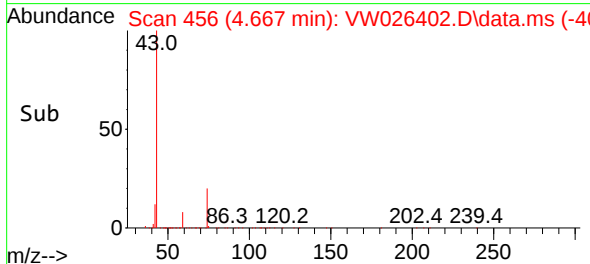
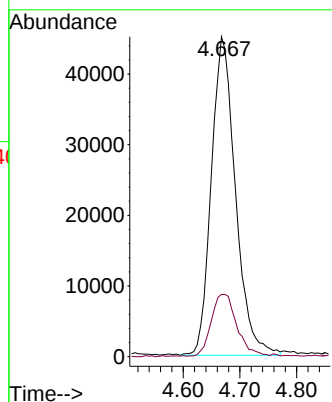
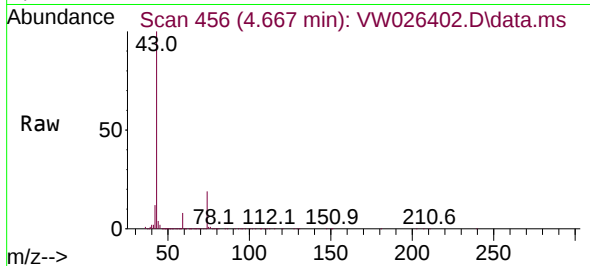




#15
Methyl Acetate
Concen: 19.252 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

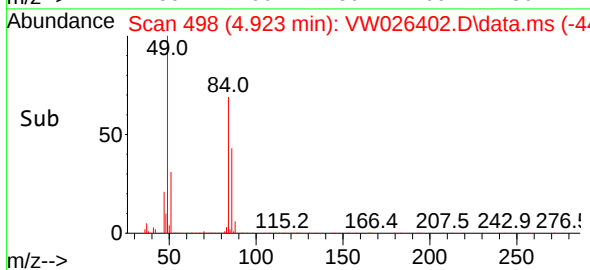
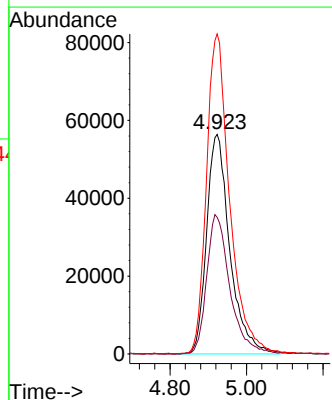
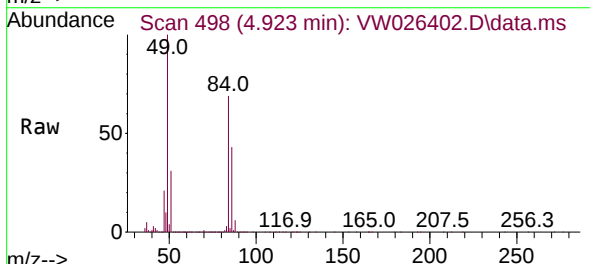
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

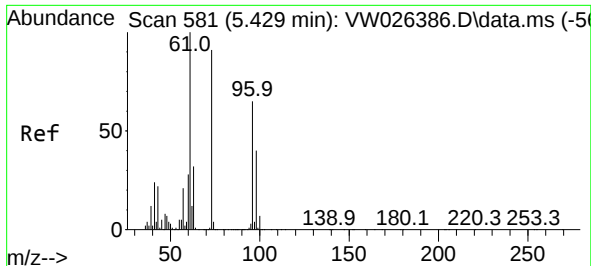
Tgt Ion: 43 Resp: 133282
Ion Ratio Lower Upper
43 100
74 20.5 16.3 24.5



#16
Methylene chloride
Concen: 17.024 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.007 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 84 Resp: 238056
Ion Ratio Lower Upper
84 100
86 62.3 43.9 81.5
49 145.7 100.4 186.4

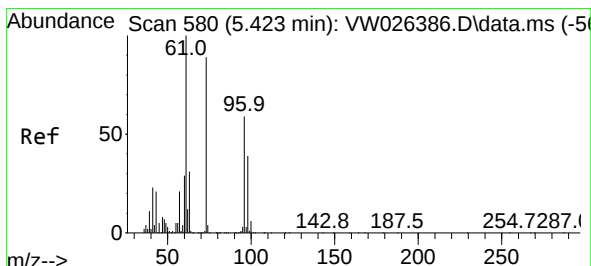
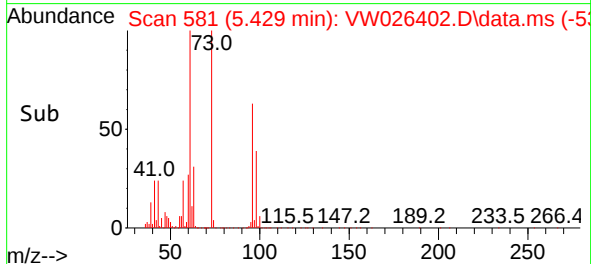
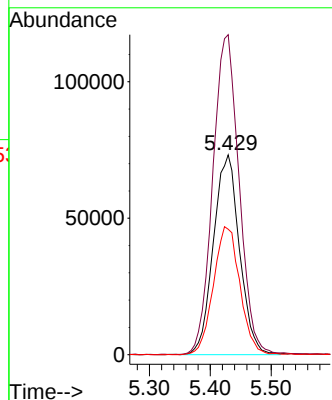
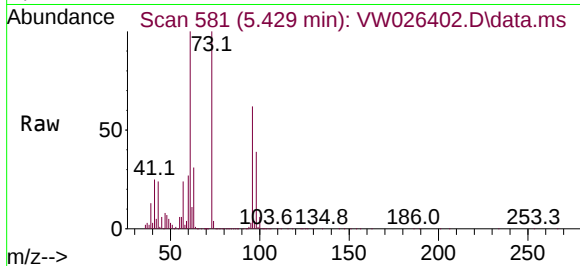




#17
trans-1,2-Dichloroethene
Concen: 18.583 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

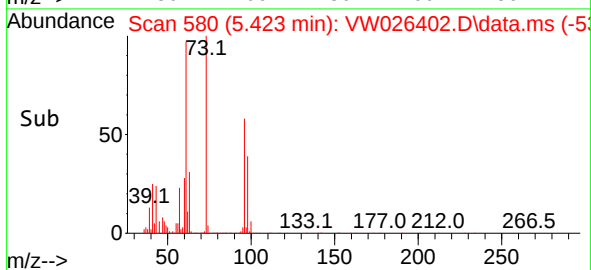
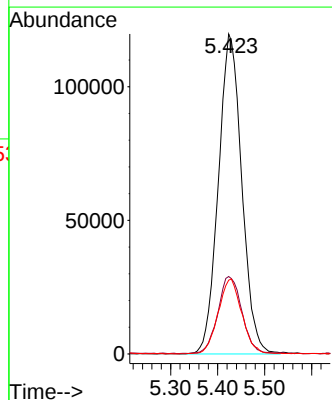
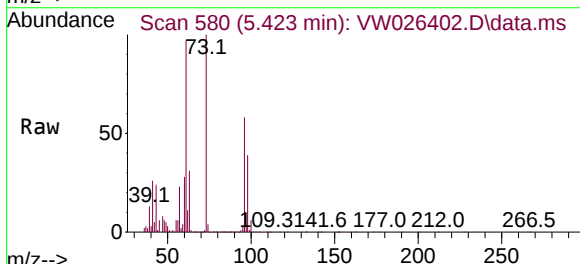
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

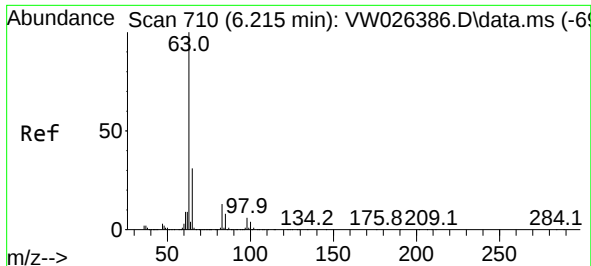
Tgt Ion: 96 Resp: 218240
Ion Ratio Lower Upper
96 100
61 160.1 106.1 197.1
98 62.8 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 22.559 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 73 Resp: 414354
Ion Ratio Lower Upper
73 100
43 24.6 18.1 27.1
57 23.6 19.5 29.3





#19

1,1-Dichloroethane

Concen: 19.388 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

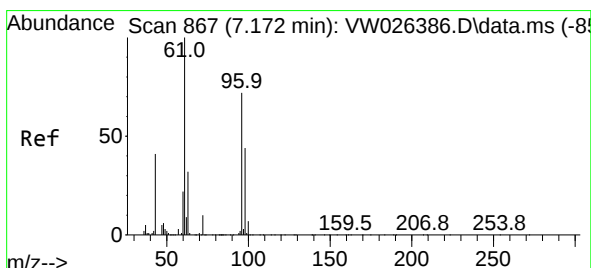
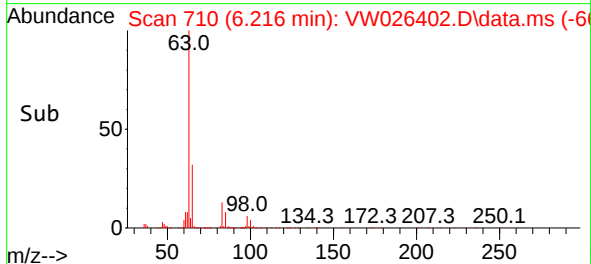
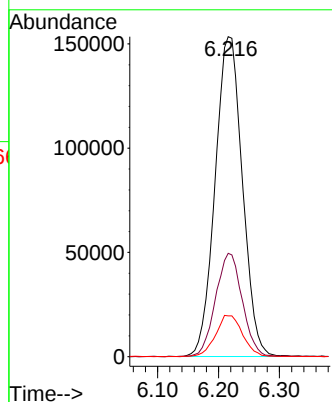
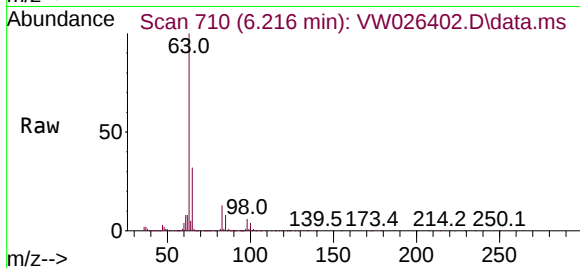
Tgt Ion: 63 Resp: 476847

Ion Ratio Lower Upper

63 100

65 32.3 22.8 42.4

83 12.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 19.231 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

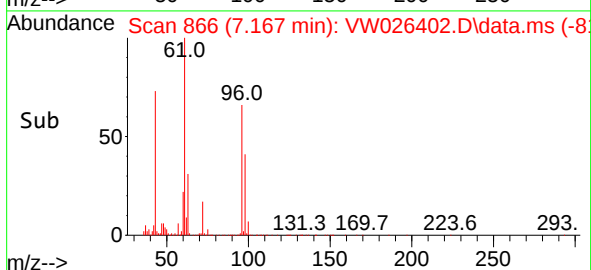
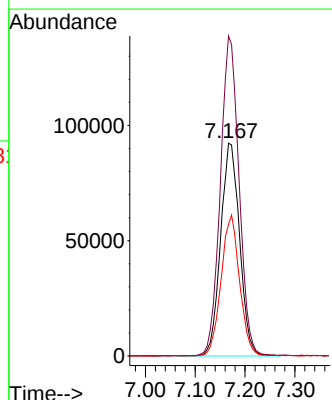
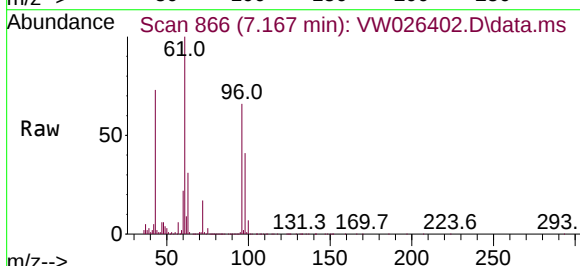
Tgt Ion: 96 Resp: 244070

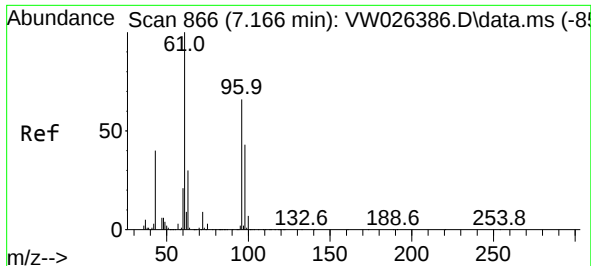
Ion Ratio Lower Upper

96 100

61 150.4 100.8 187.2

98 61.8 45.7 84.9

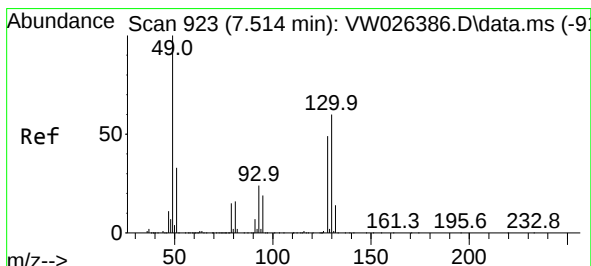
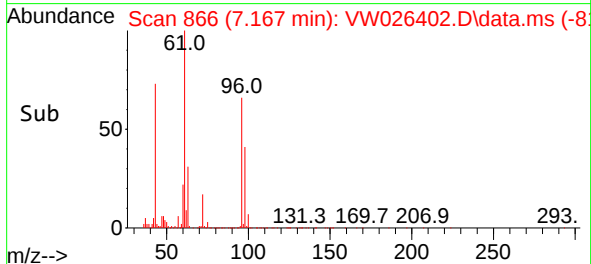
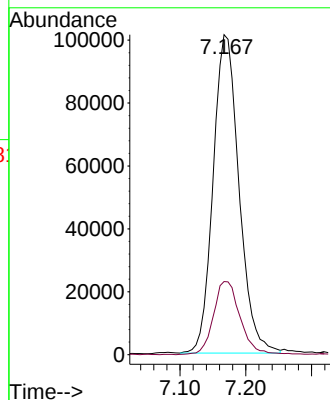
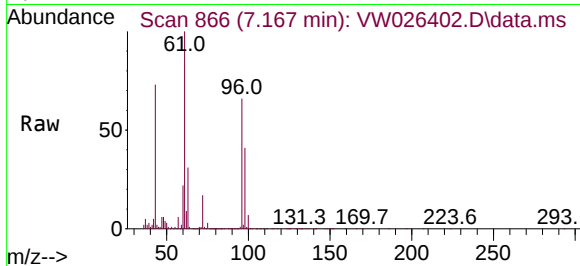




#22
2-Butanone
Concen: 60.125 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

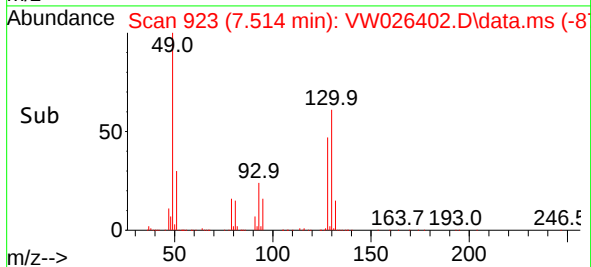
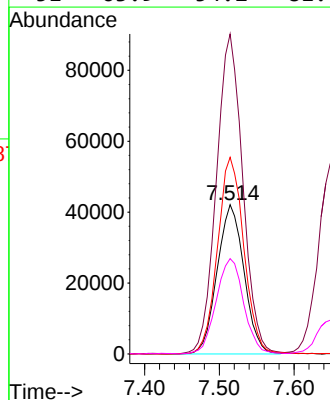
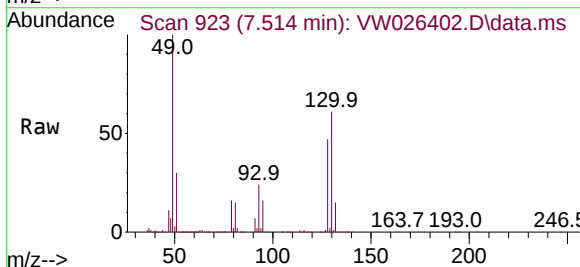
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

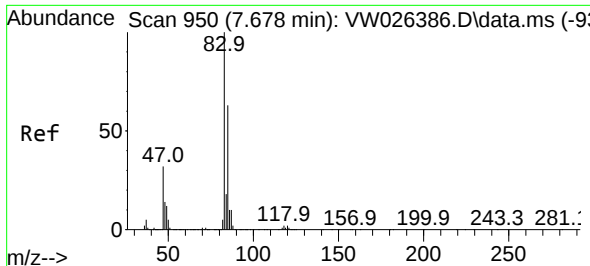
Tgt Ion: 43 Resp: 277816
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.3



#23
Bromochloromethane
Concen: 19.290 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 128 Resp: 105004
Ion Ratio Lower Upper
128 100
49 214.5 148.5 275.9
130 131.8 82.6 153.4
51 63.9 54.2 81.4

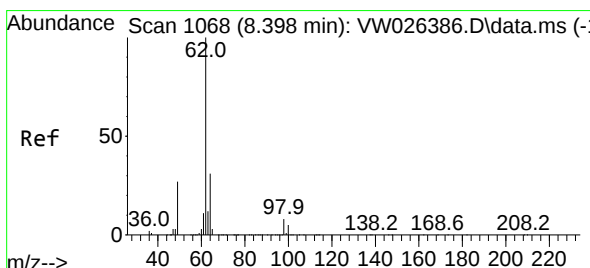
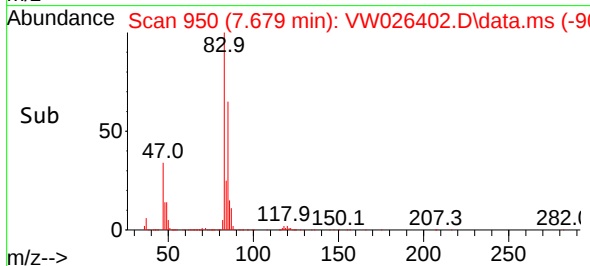
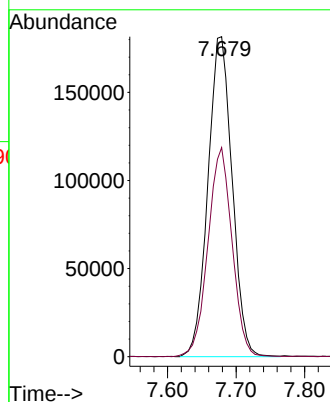
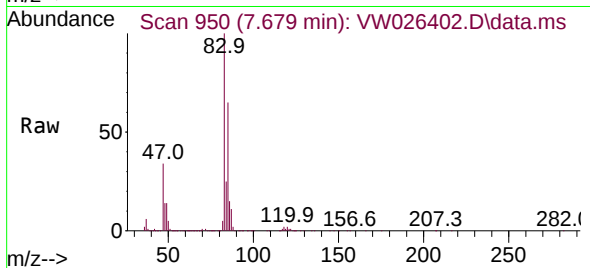




#25
Chloroform
Concen: 19.563 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

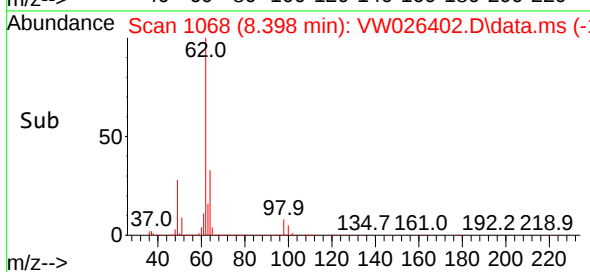
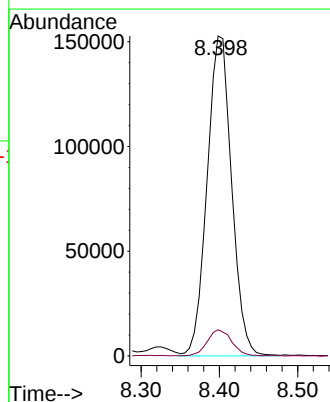
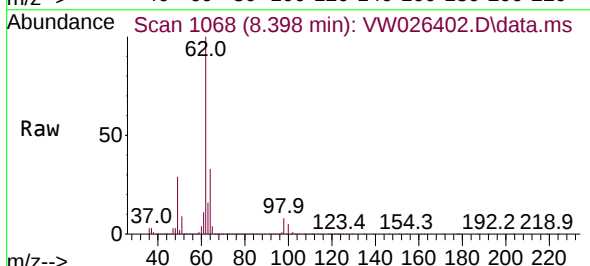
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

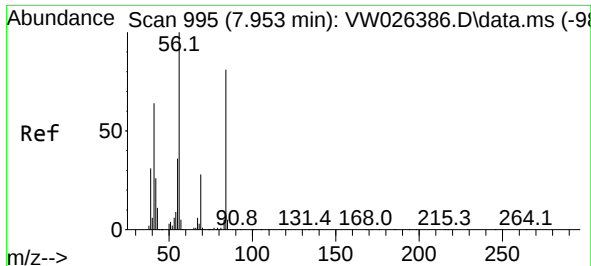
Tgt Ion: 83 Resp: 445923
Ion Ratio Lower Upper
83 100
85 65.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 20.278 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 62 Resp: 332334
Ion Ratio Lower Upper
62 100
98 8.2 7.5 11.3

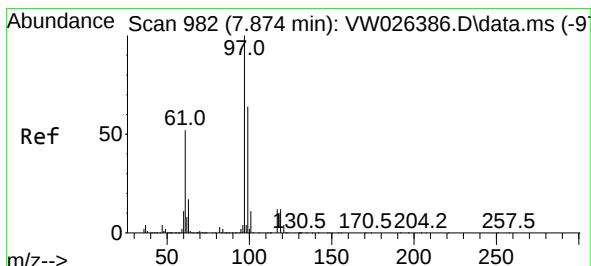
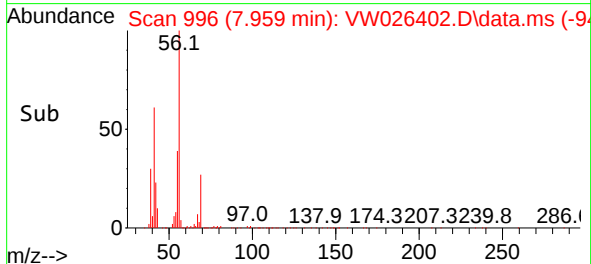
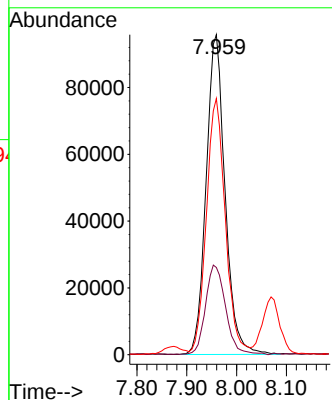
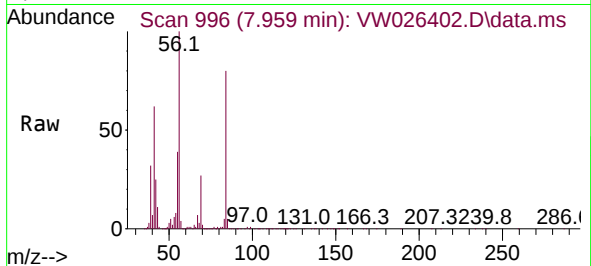




#29
Cyclohexane
Concen: 12.527 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.007 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

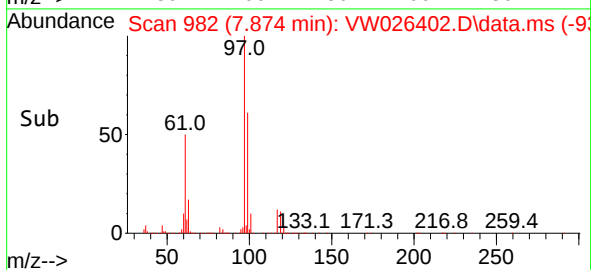
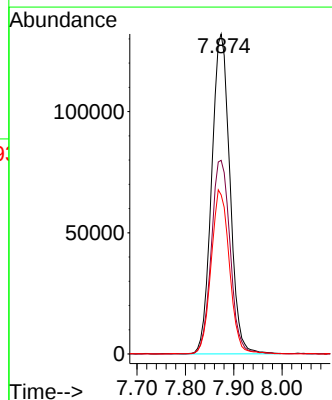
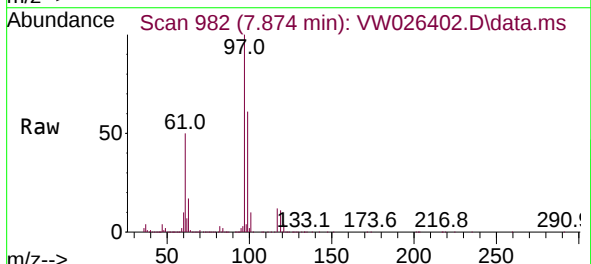
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

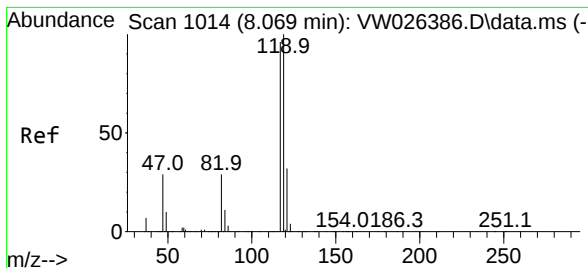
Tgt Ion: 56 Resp: 252551
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.4
84 80.1 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 20.469 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 97 Resp: 345691
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 51.3 41.4 62.2





#31

Carbon tetrachloride

Concen: 14.976 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

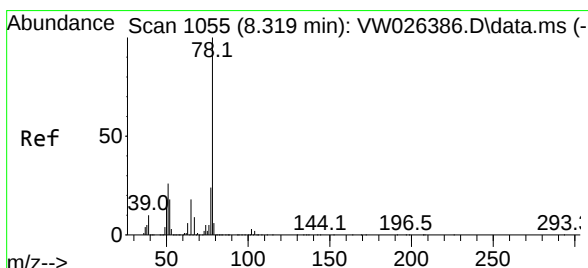
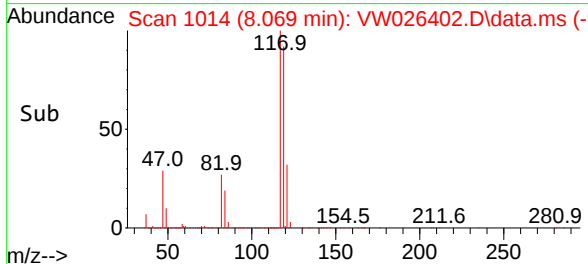
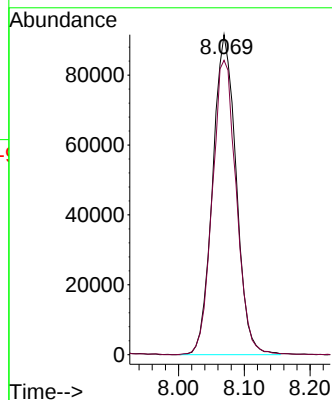
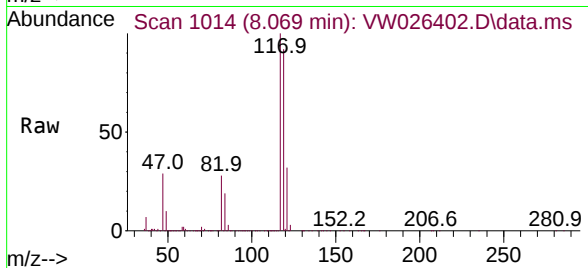
A46K6MS

Tgt Ion:117 Resp: 227368

Ion Ratio Lower Upper

117 100

119 94.1 77.7 116.5



#33

Benzene

Concen: 20.169 ug/L

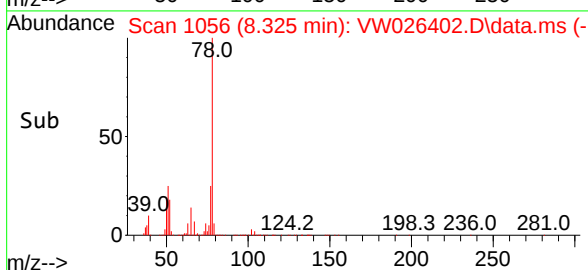
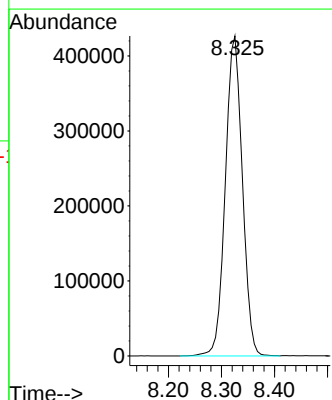
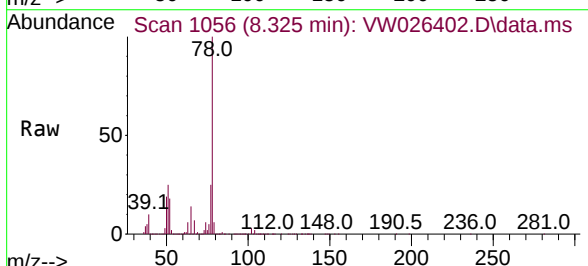
RT: 8.325 min Scan# 1056

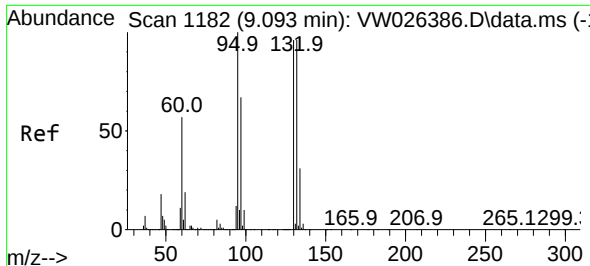
Delta R.T. 0.007 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Tgt Ion: 78 Resp: 951105

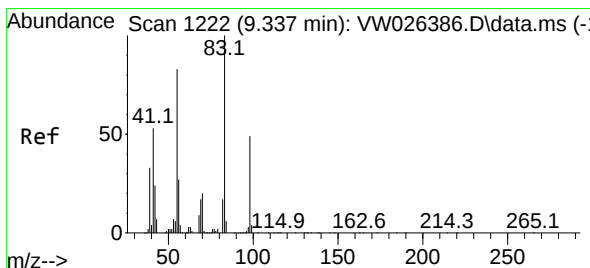
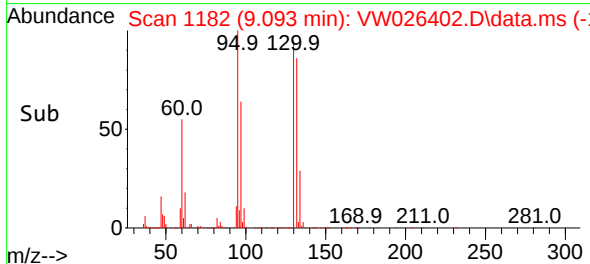
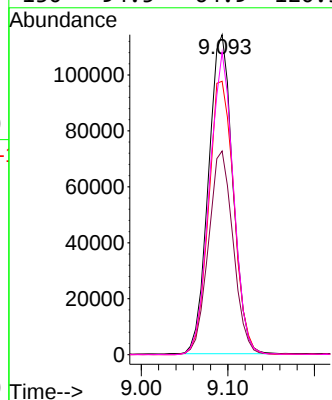
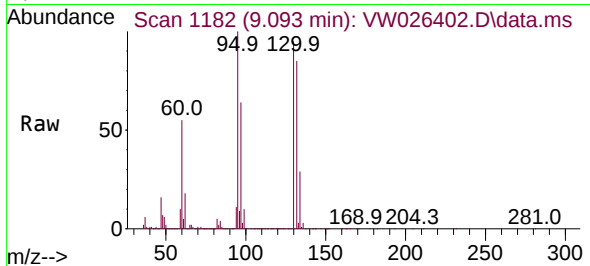




#34
Trichloroethene
Concen: 18.463 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

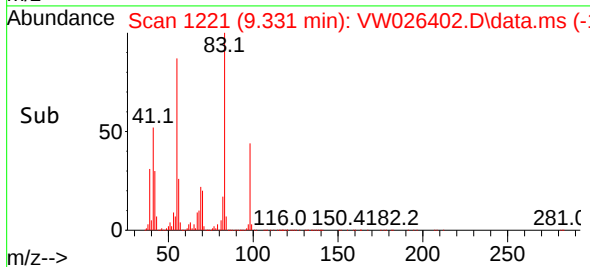
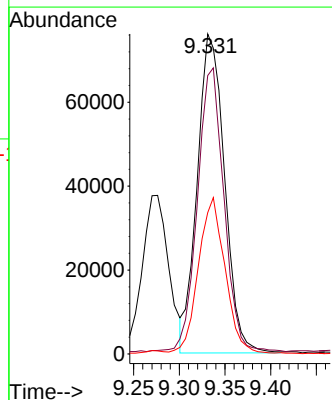
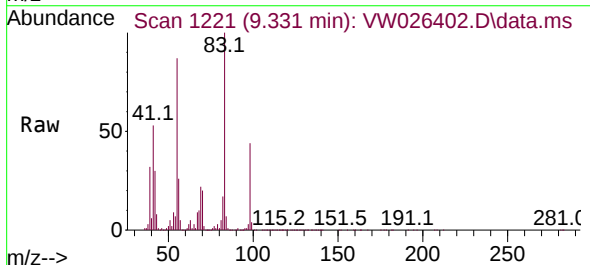
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

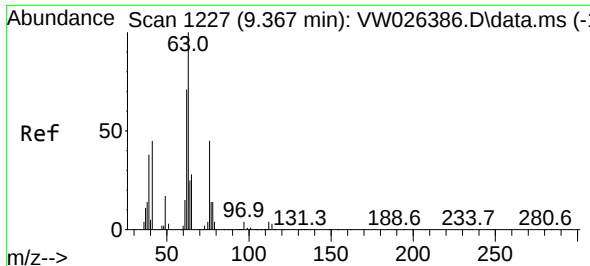
Tgt Ion: 95 Resp: 222923
Ion Ratio Lower Upper
95 100
97 63.7 44.5 82.7
132 85.4 63.3 117.5
130 94.5 64.9 120.5



#35
Methylcyclohexane
Concen: 7.623 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 83 Resp: 157834
Ion Ratio Lower Upper
83 100
55 86.3 68.8 103.2
98 47.7 37.8 56.6





#37

1,2-Dichloropropane

Concen: 19.069 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

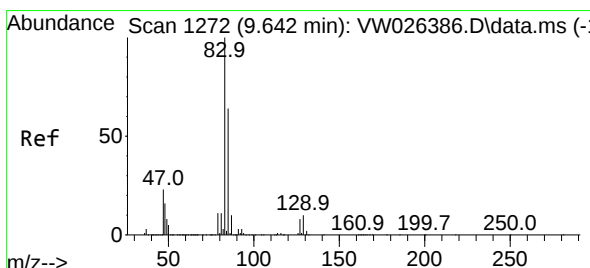
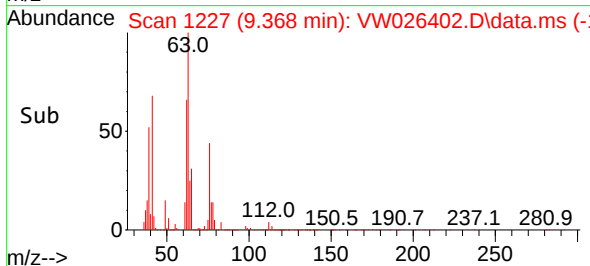
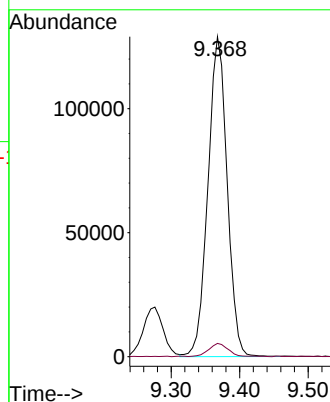
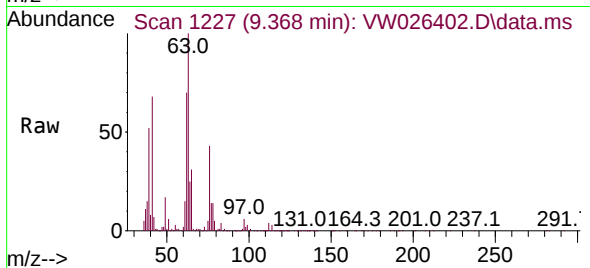
A46K6MS

Tgt Ion: 63 Resp: 251238

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 18.327 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

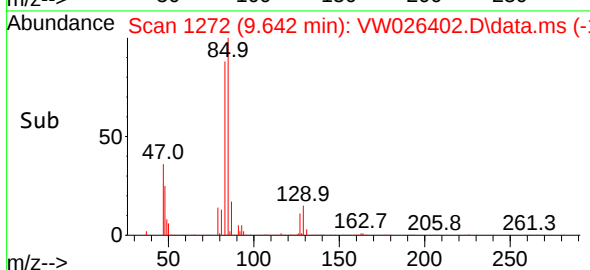
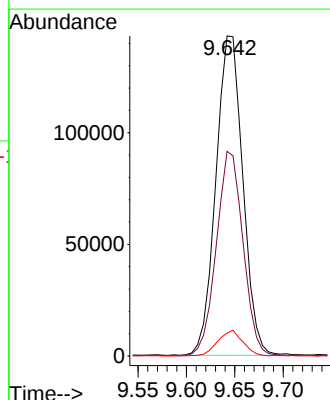
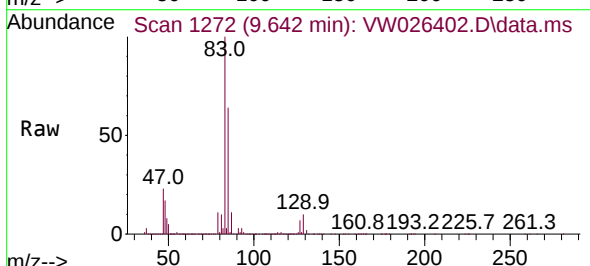
Tgt Ion: 83 Resp: 277288

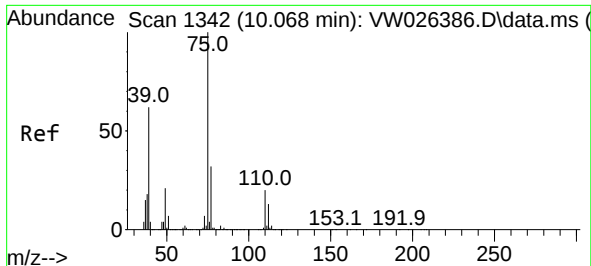
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 7.2 6.2 9.2

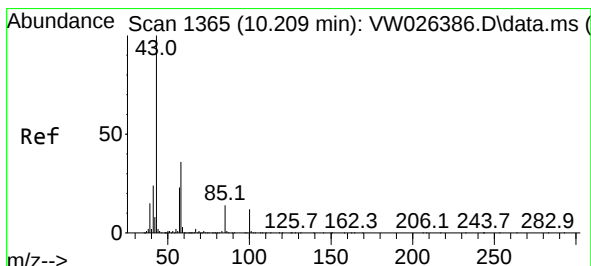
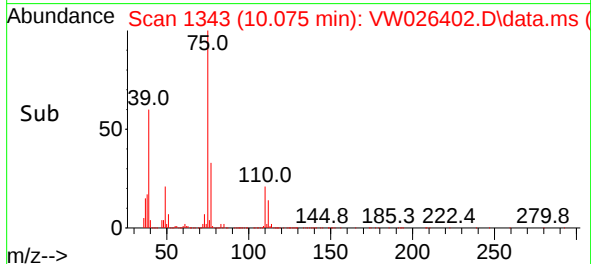
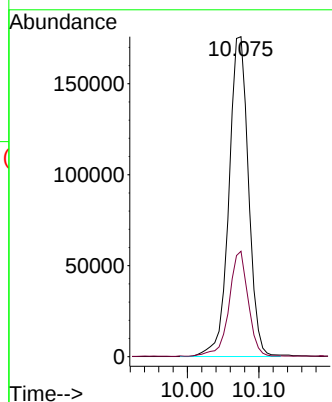
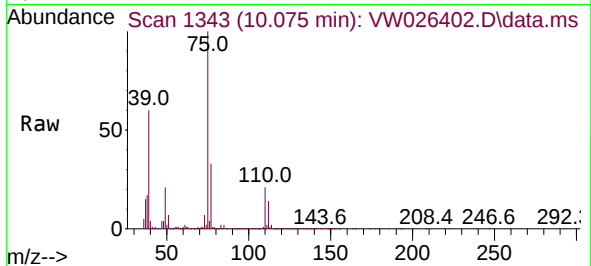




#39
 cis-1,3-Dichloropropene
 Concen: 17.676 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.007 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

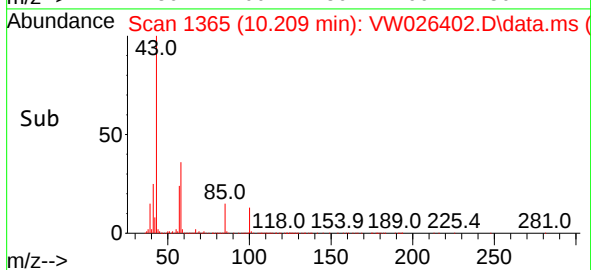
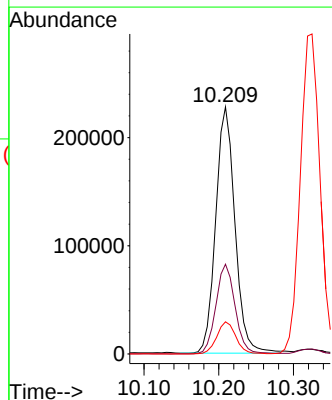
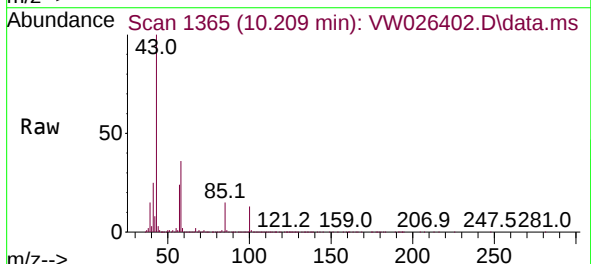
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

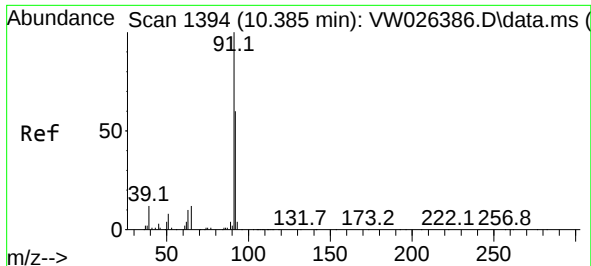
Tgt Ion: 75 Resp: 333660
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 47.902 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026402.D
 Acq: 28 Jun 2023 16:45

Tgt Ion: 43 Resp: 407367
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.6 42.8
 100 13.1 9.9 14.9

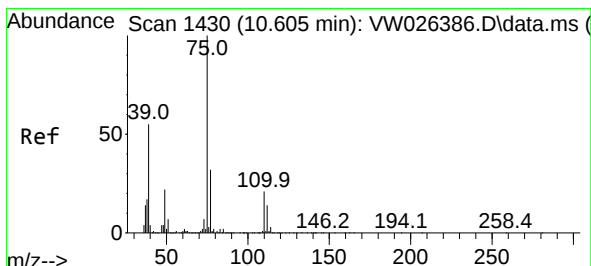
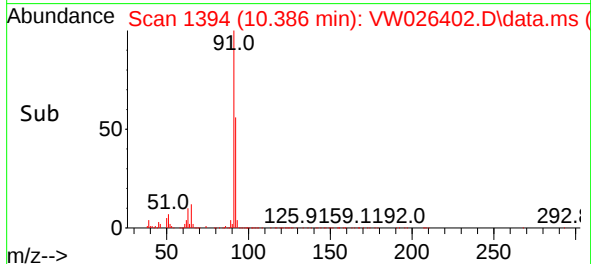
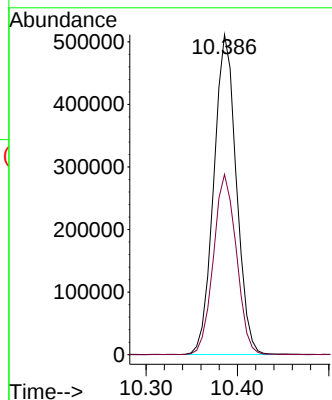
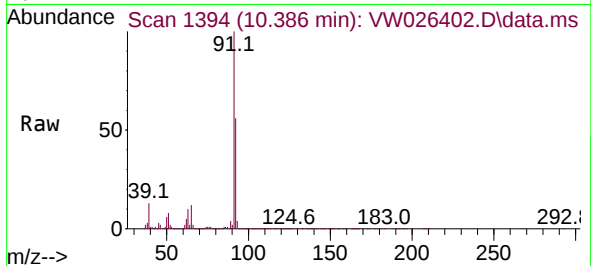




#42
Toluene
Concen: 18.525 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

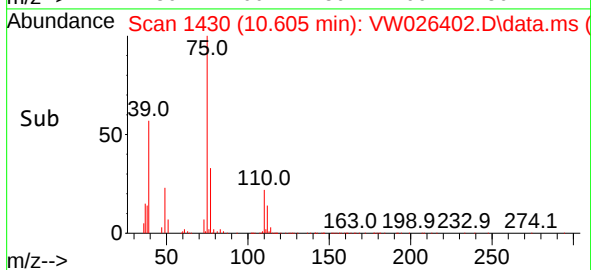
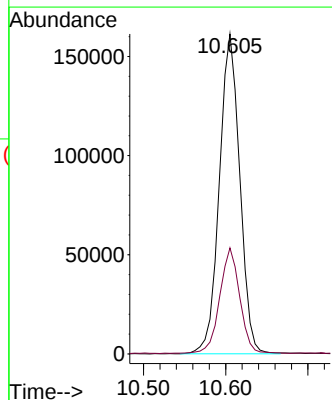
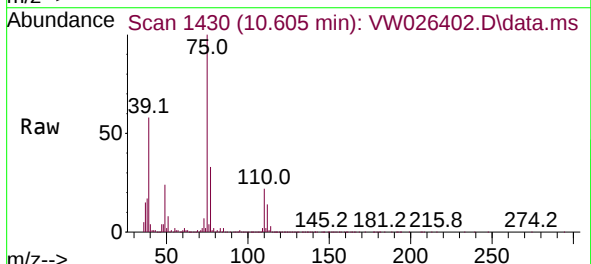
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

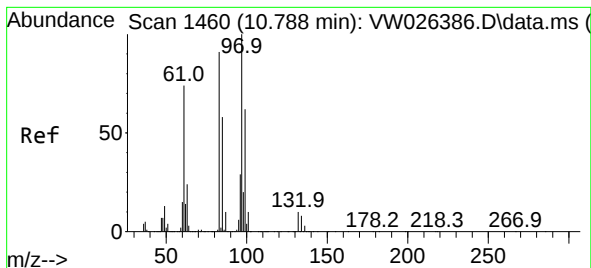
Tgt Ion: 91 Resp: 876357
Ion Ratio Lower Upper
91 100
92 56.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 17.475 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 75 Resp: 278446
Ion Ratio Lower Upper
75 100
77 33.2 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 18.657 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

Tgt Ion: 97 Resp: 164588

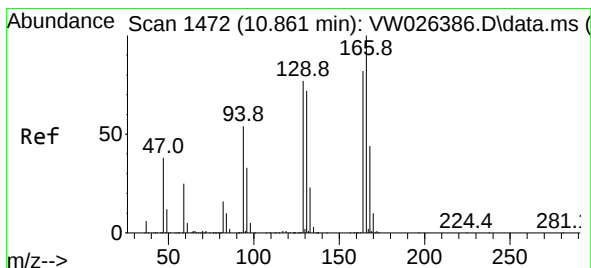
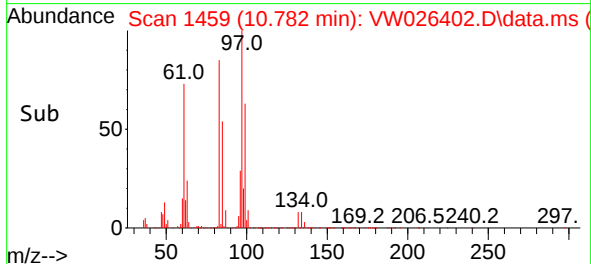
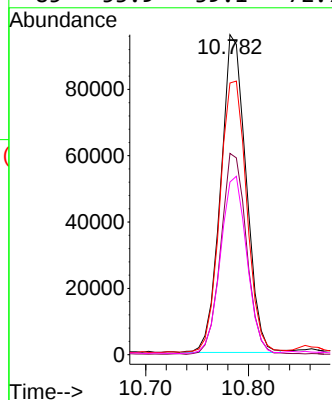
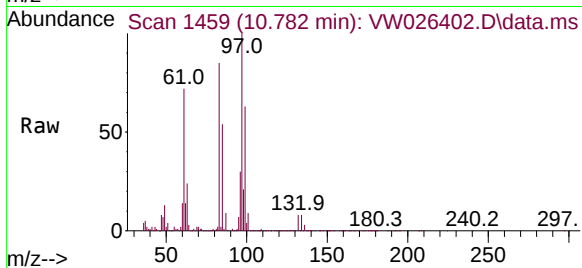
Ion Ratio Lower Upper

97 100

99 62.9 42.4 78.6

83 84.9 60.8 113.0

85 53.9 39.1 72.7



#46

Tetrachloroethene

Concen: 12.606 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Tgt Ion:164 Resp: 107228

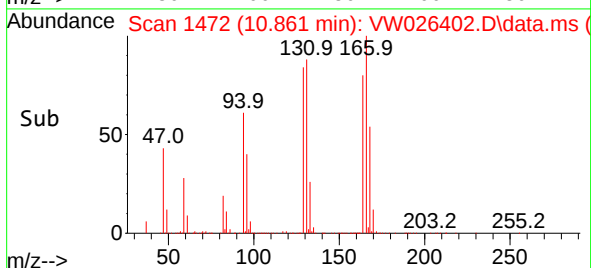
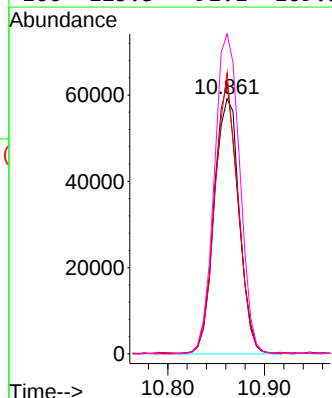
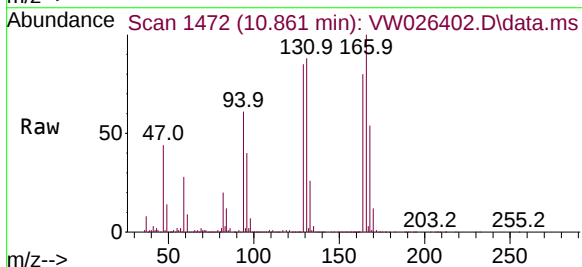
Ion Ratio Lower Upper

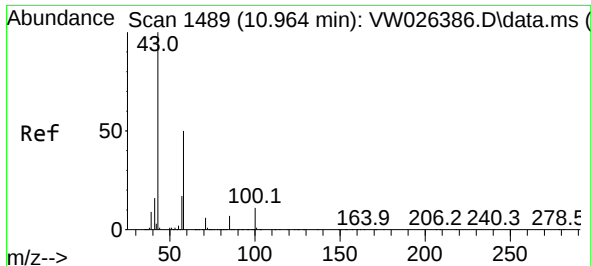
164 100

129 106.0 73.8 137.0

131 110.0 69.0 128.2

166 125.3 91.1 169.3

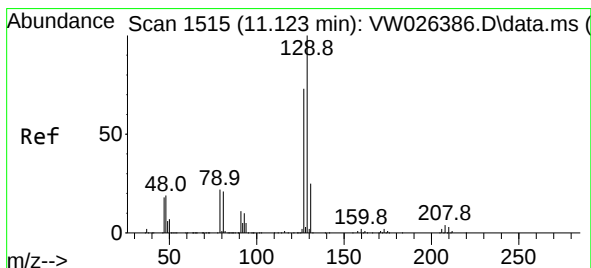
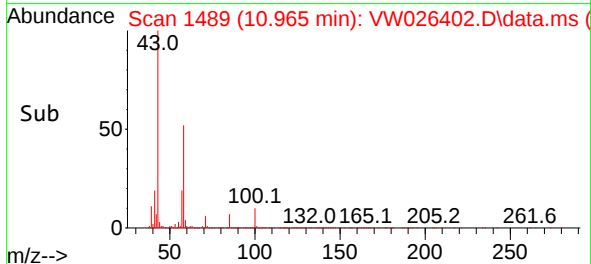
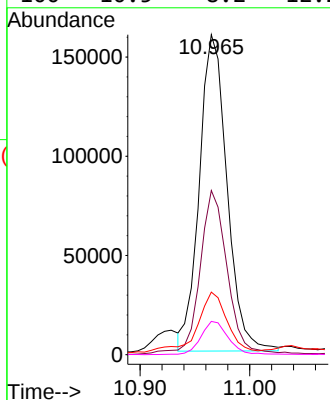
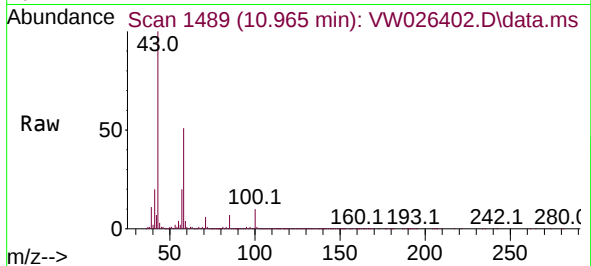




#48
2-Hexanone
Concen: 46.694 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

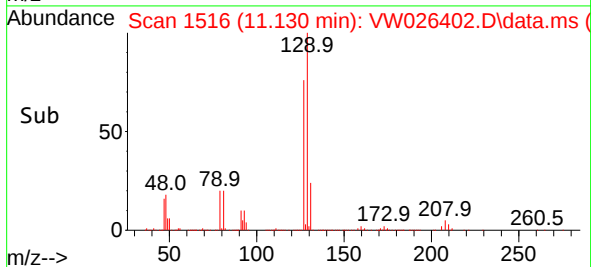
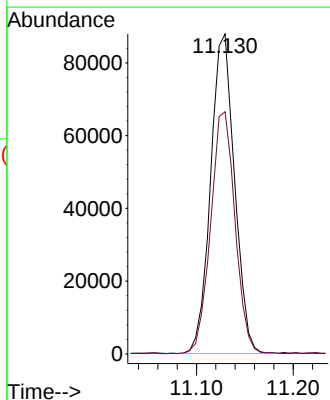
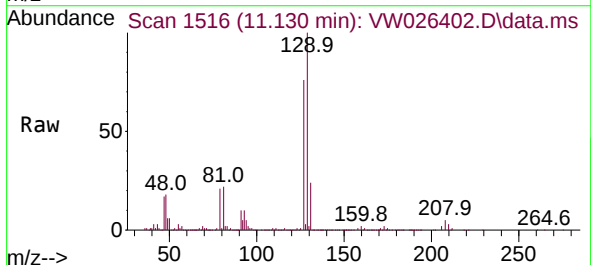
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

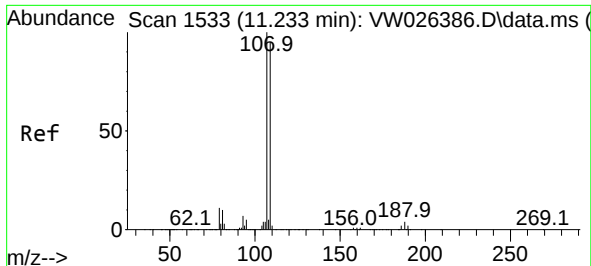
Tgt Ion: 43 Resp: 280191
Ion Ratio Lower Upper
43 100
58 49.5 40.1 60.1
57 17.6 13.4 20.0
100 10.5 8.2 12.2



#49
Dibromochloromethane
Concen: 16.717 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 129 Resp: 151005
Ion Ratio Lower Upper
129 100
127 75.7 54.4 101.0

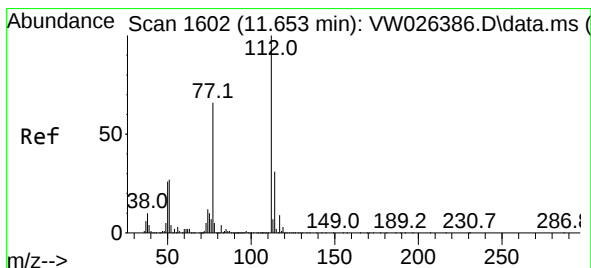
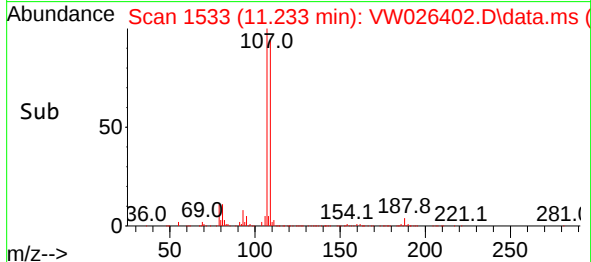
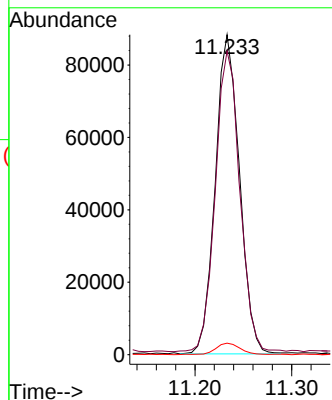
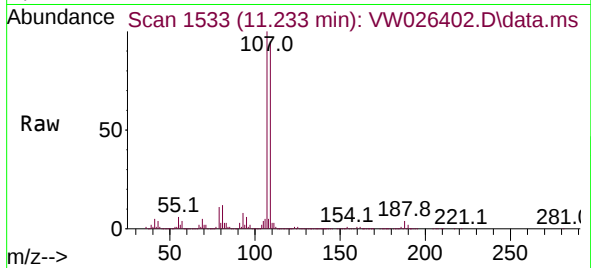




#50
1,2-Dibromoethane
Concen: 18.954 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

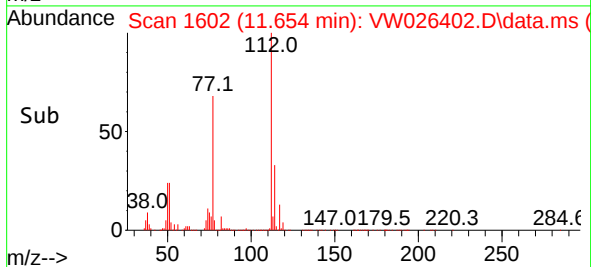
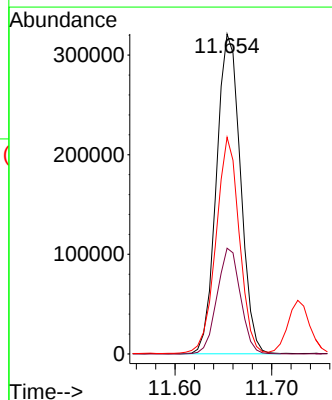
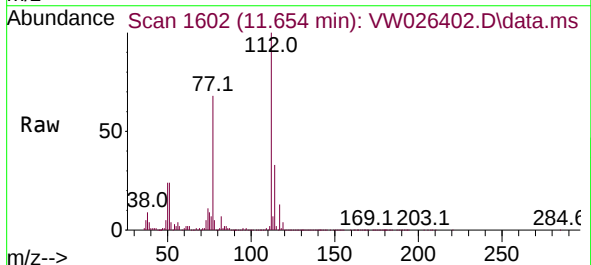
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

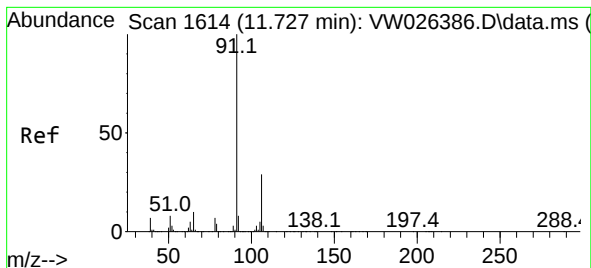
Tgt Ion:107 Resp: 153513
Ion Ratio Lower Upper
107 100
109 94.8 67.1 124.5
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 18.321 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion:112 Resp: 552832
Ion Ratio Lower Upper
112 100
114 33.1 23.0 42.8
77 67.7 53.2 79.8

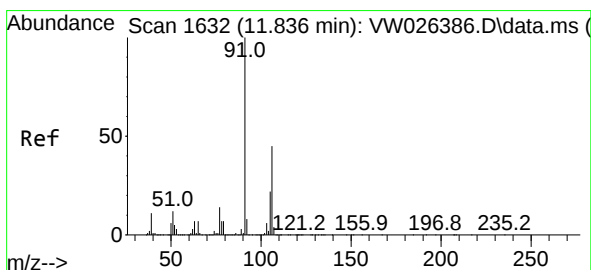
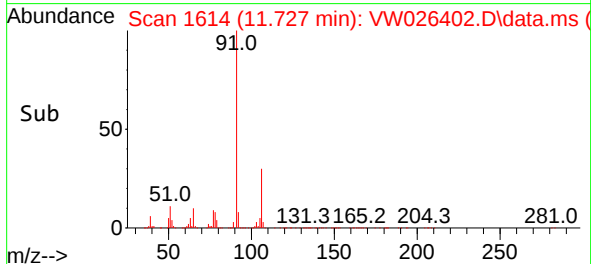
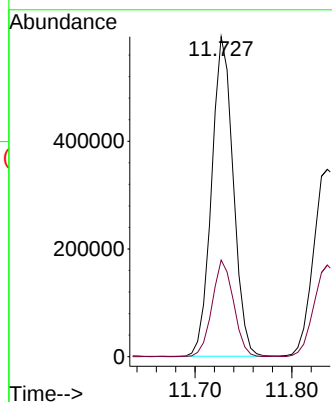
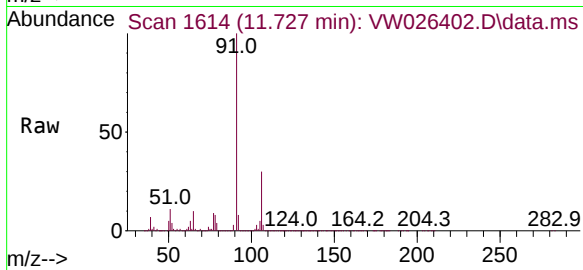




#52
Ethylbenzene
Concen: 17.319 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

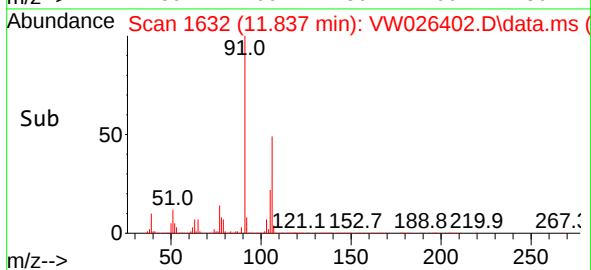
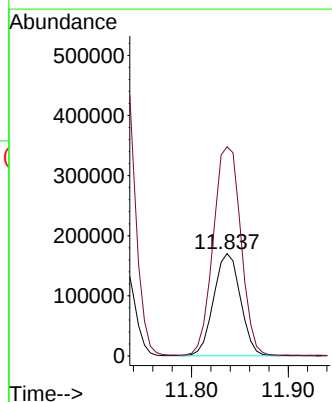
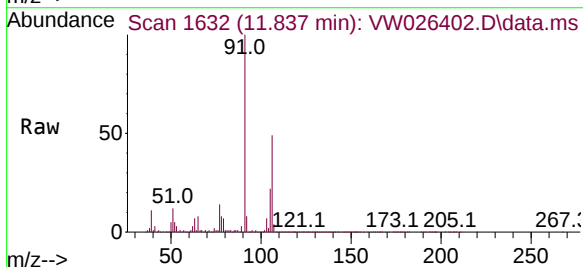
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

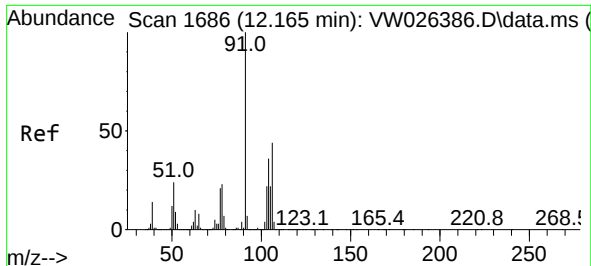
Tgt Ion: 91 Resp: 923194
Ion Ratio Lower Upper
91 100
106 30.2 19.9 36.9



#53
m,p-Xylene
Concen: 16.787 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 106 Resp: 326354
Ion Ratio Lower Upper
106 100
91 204.4 152.1 282.5

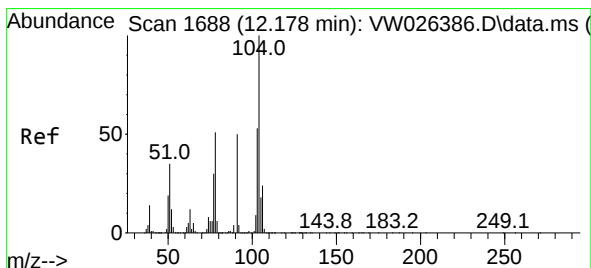
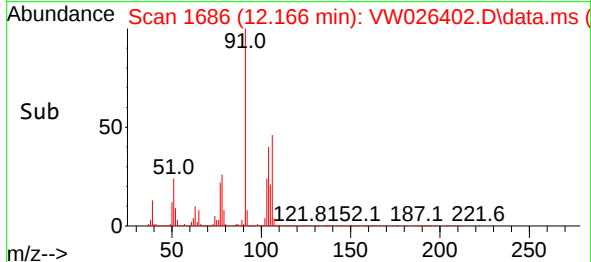
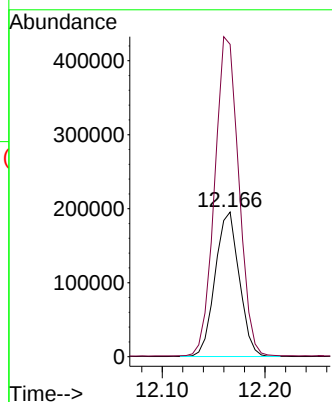
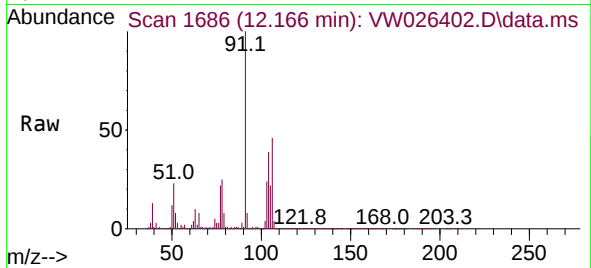




#54
o-Xylene
Concen: 17.358 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

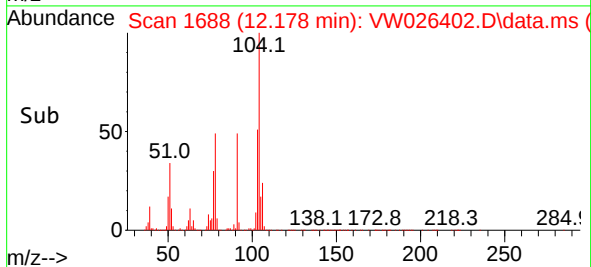
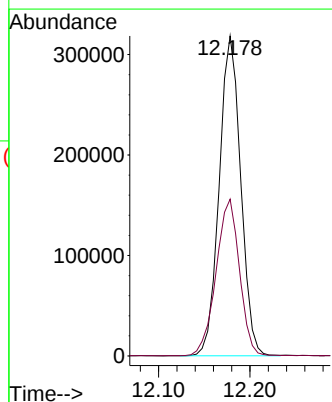
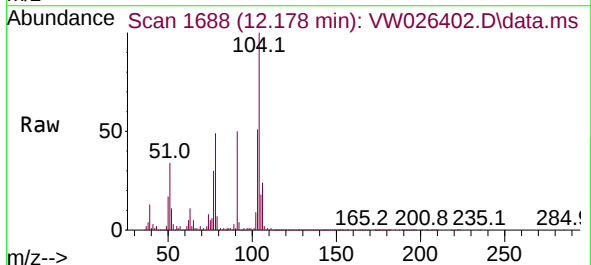
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

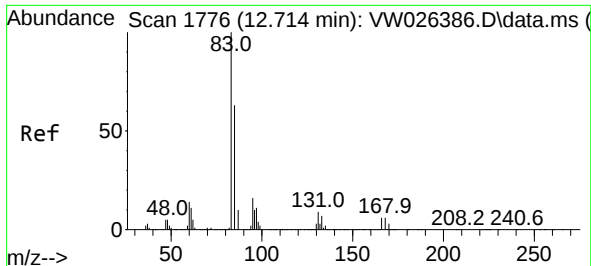
Tgt Ion:106 Resp: 317728
Ion Ratio Lower Upper
106 100
91 215.9 161.5 299.9



#55
Styrene
Concen: 16.338 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion:104 Resp: 521592
Ion Ratio Lower Upper
104 100
78 49.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 18.775 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

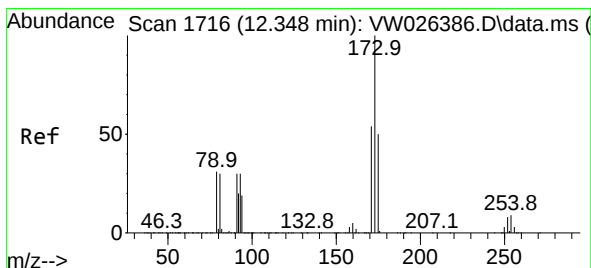
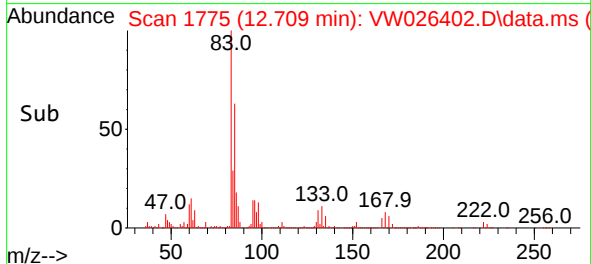
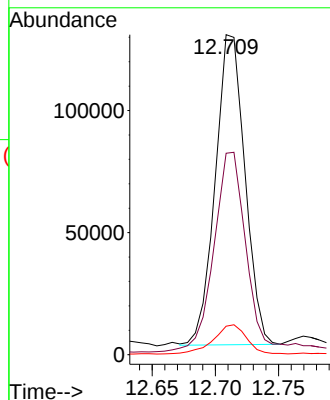
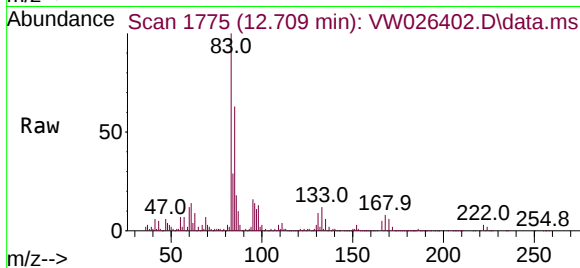
Tgt Ion: 83 Resp: 207032

Ion Ratio Lower Upper

83 100

85 62.9 43.7 81.1

131 8.9 7.4 11.0



#59

Bromoform

Concen: 32.284 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

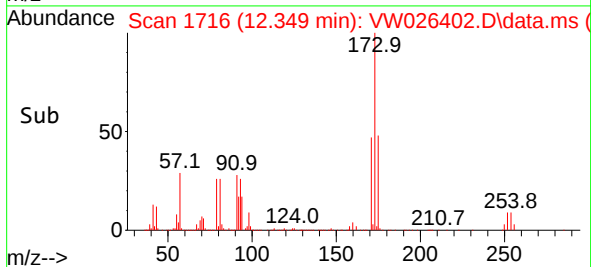
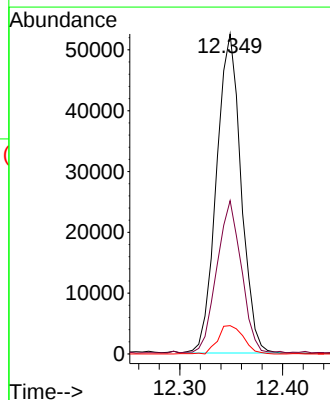
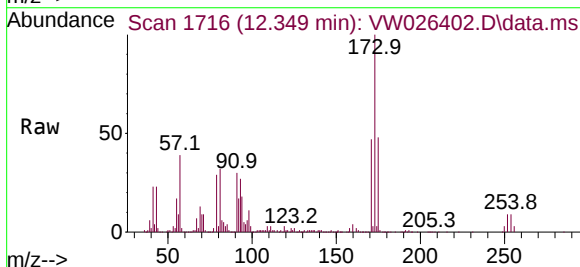
Tgt Ion: 173 Resp: 87230

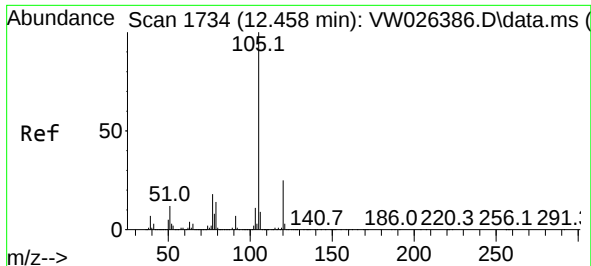
Ion Ratio Lower Upper

173 100

175 47.7 39.7 59.5

254 9.2 7.1 10.7

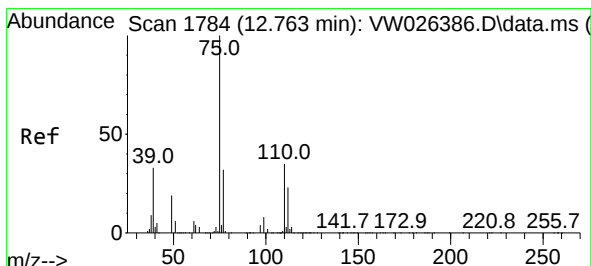
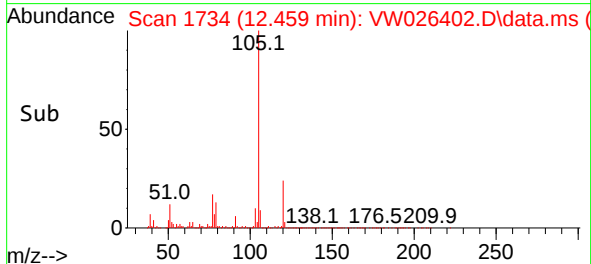
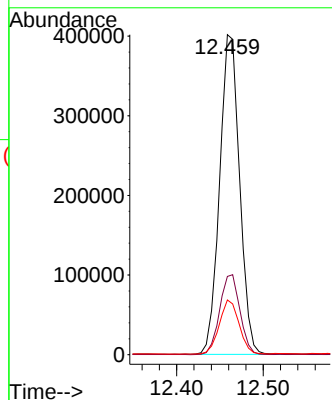
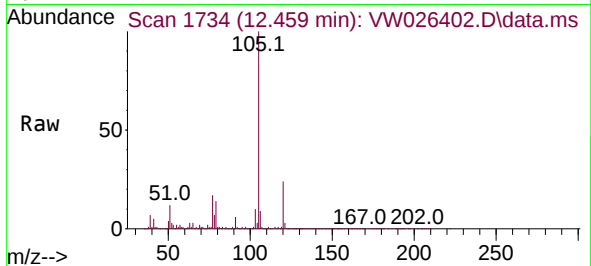




#60
Isopropylbenzene
Concen: 23.946 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

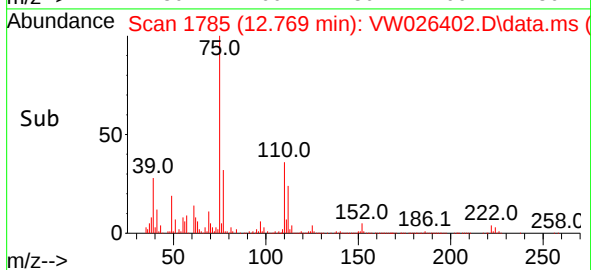
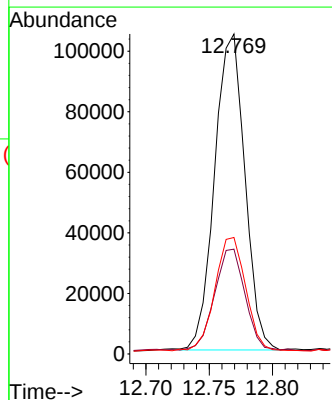
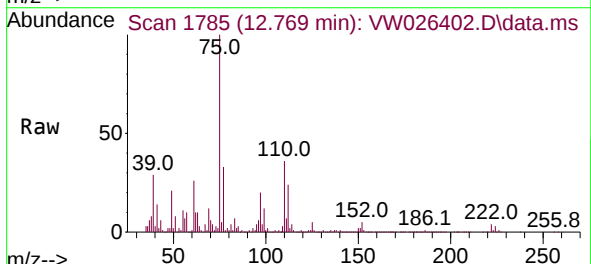
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

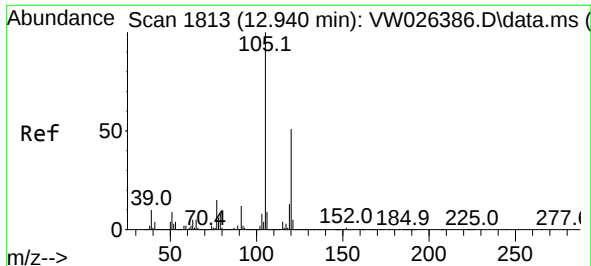
Tgt Ion:105 Resp: 642810
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 16.7 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 39.937 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.007 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion: 75 Resp: 173392
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9
110 36.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 20.795 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

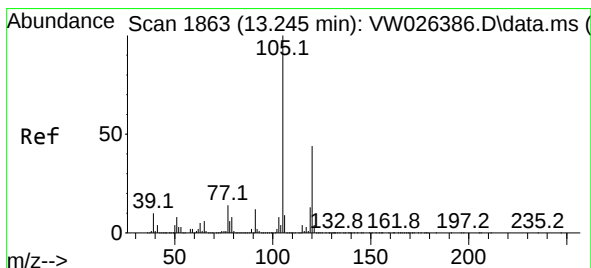
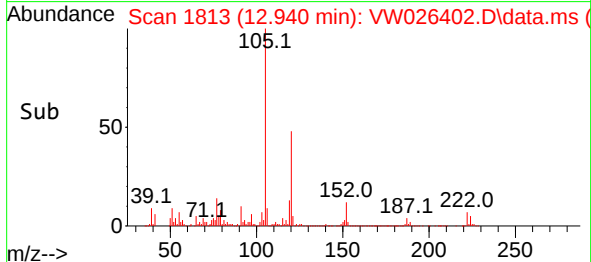
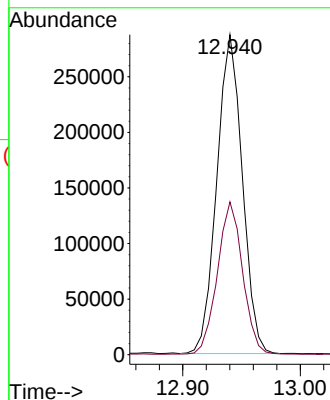
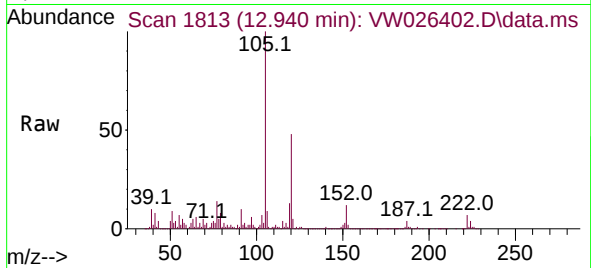
A46K6MS

Tgt Ion:105 Resp: 432729

Ion Ratio Lower Upper

105 100

120 47.5 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 20.981 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026402.D

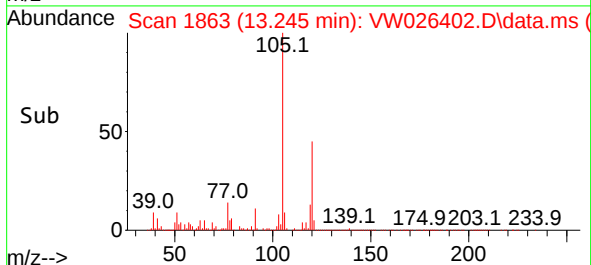
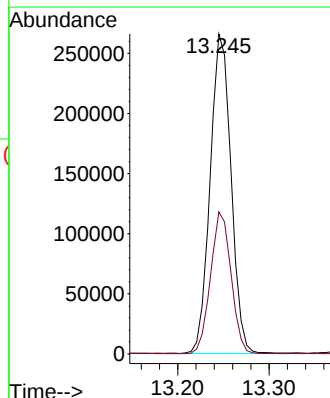
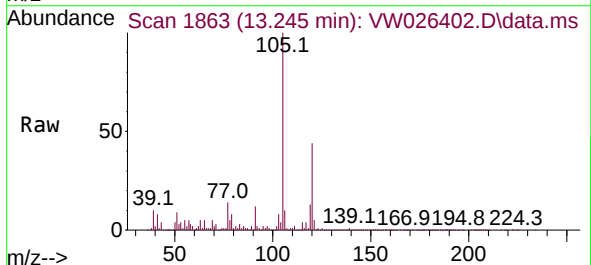
Acq: 28 Jun 2023 16:45

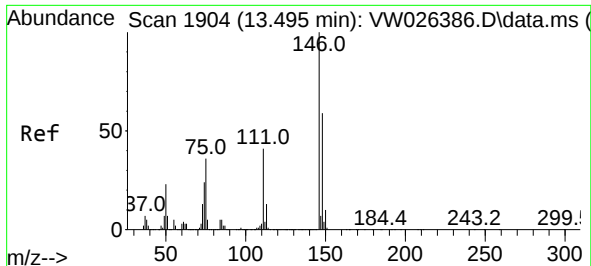
Tgt Ion:105 Resp: 421095

Ion Ratio Lower Upper

105 100

120 43.6 35.0 52.6

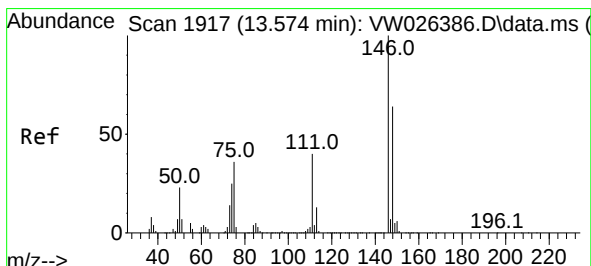
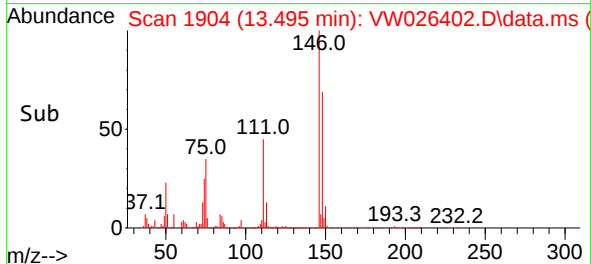
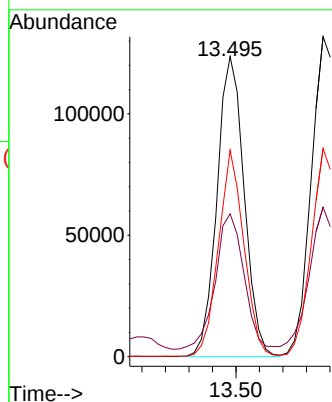
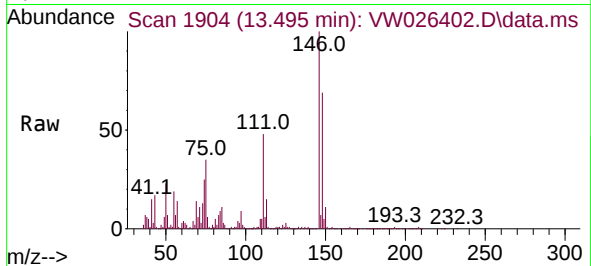




#64
1,3-Dichlorobenzene
Concen: 17.280 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

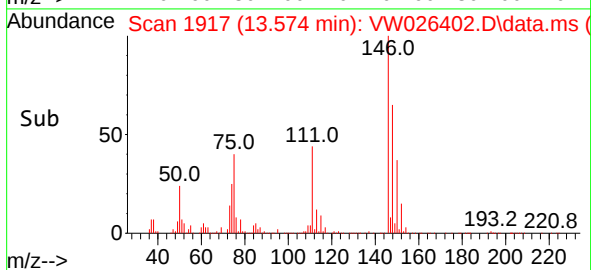
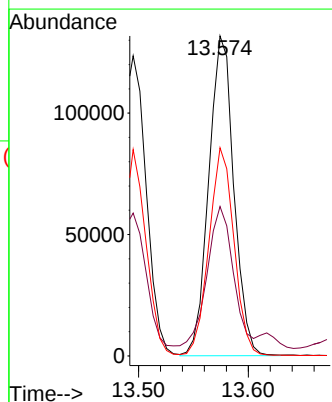
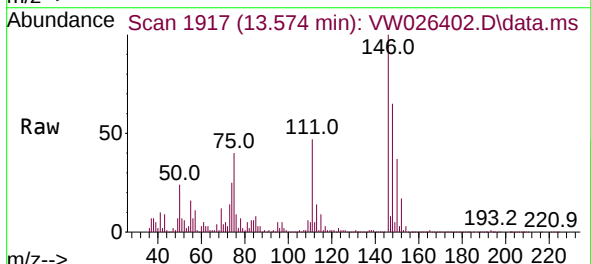
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

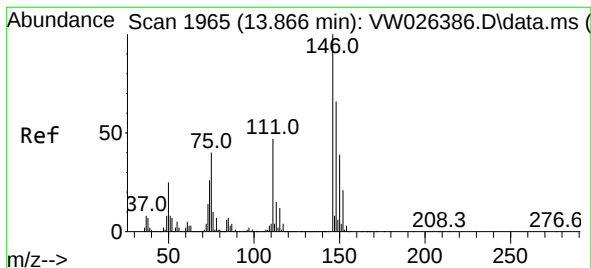
Tgt Ion:146 Resp: 198680
Ion Ratio Lower Upper
146 100
111 47.6 30.8 57.2
148 68.8 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 18.193 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion:146 Resp: 209341
Ion Ratio Lower Upper
146 100
111 46.7 30.0 55.8
148 65.0 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 18.143 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

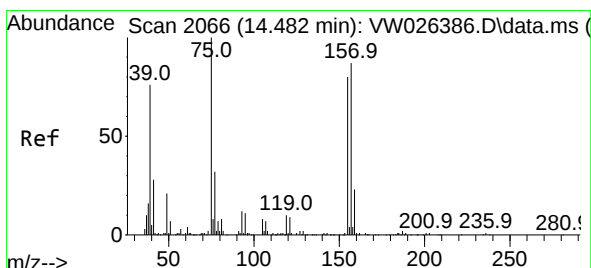
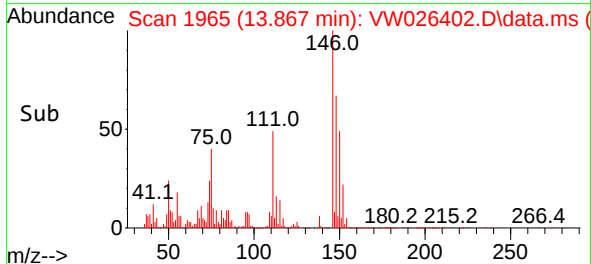
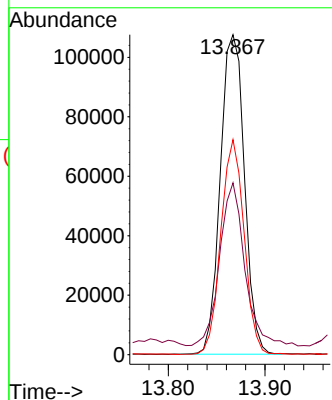
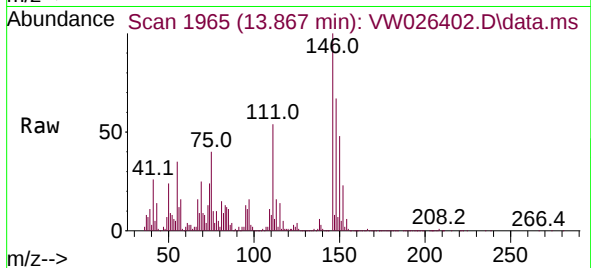
Tgt Ion:146 Resp: 185791

Ion Ratio Lower Upper

146 100

111 53.7 36.0 54.0

148 67.2 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 29.399 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

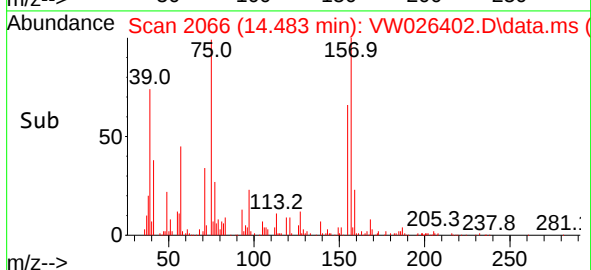
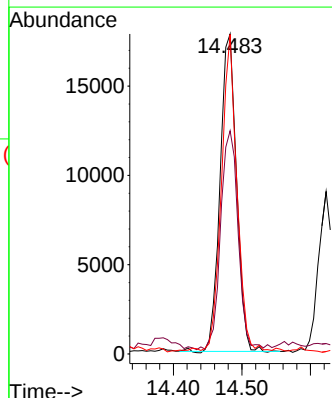
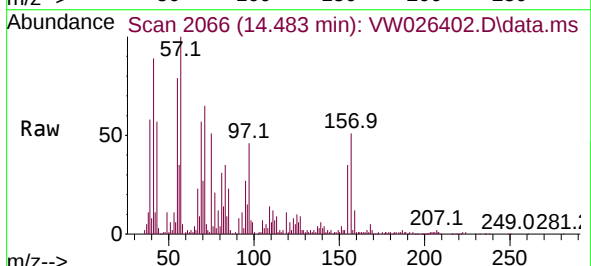
Tgt Ion: 75 Resp: 29419

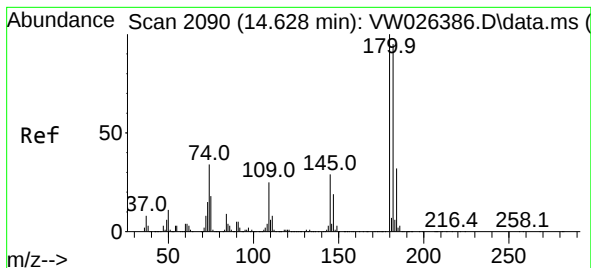
Ion Ratio Lower Upper

75 100

155 69.8 57.5 86.3

157 99.9 73.4 110.0

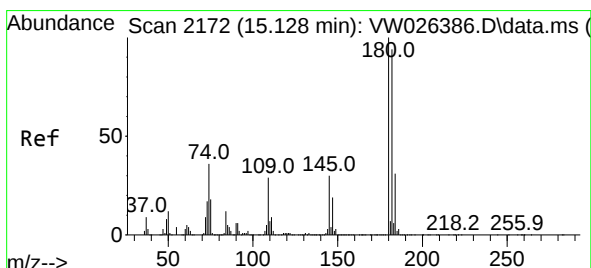
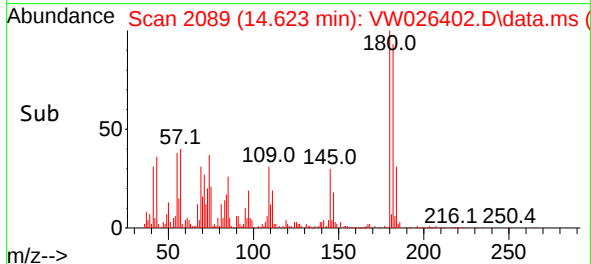
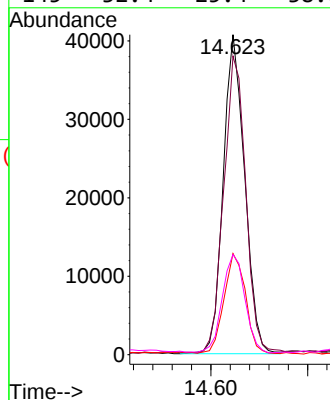
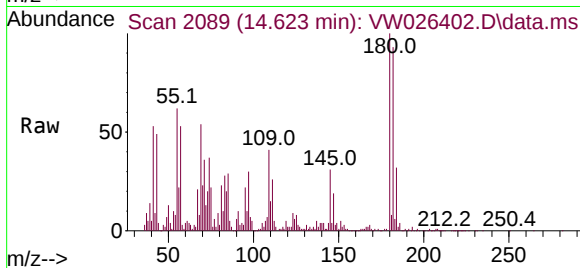




#69
1,3,5-Trichlorobenzene
Concen: 8.475 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

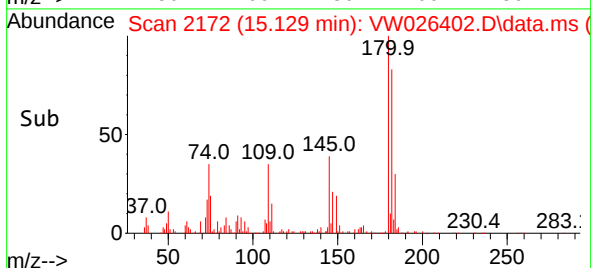
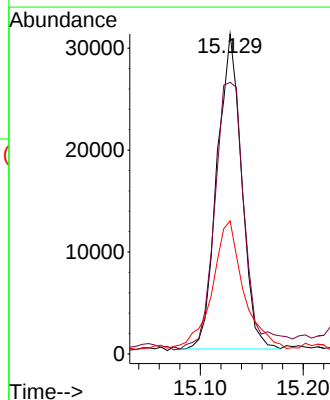
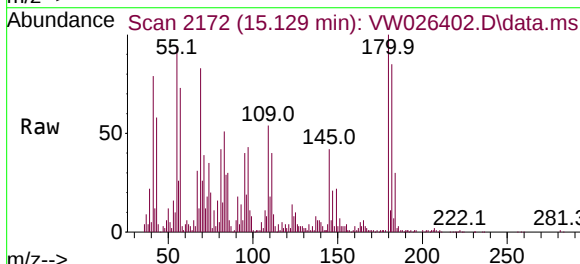
Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

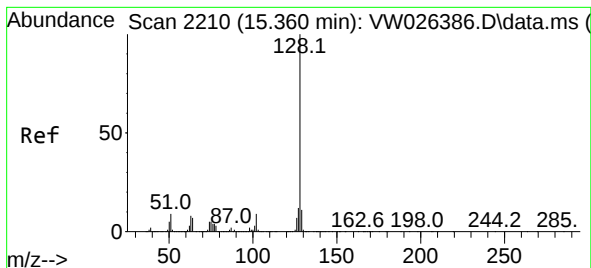
Tgt Ion:180 Resp: 62617
Ion Ratio Lower Upper
180 100
182 95.3 74.2 111.4
184 31.4 23.8 35.6
145 32.4 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 8.473 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026402.D
Acq: 28 Jun 2023 16:45

Tgt Ion:180 Resp: 51230
Ion Ratio Lower Upper
180 100
182 99.4 75.6 113.4
145 51.1 24.7 37.1#





#71

Naphthalene

Concen: 15.622 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Instrument :

MSVOA_W

ClientSampleId :

A46K6MS

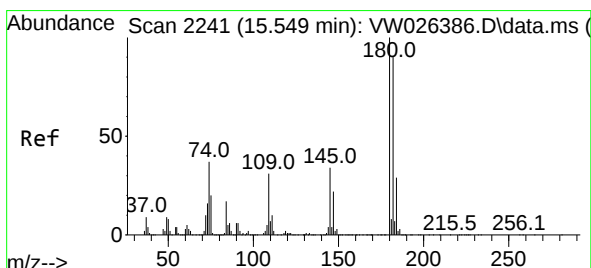
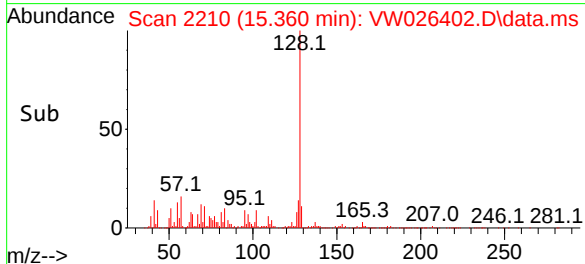
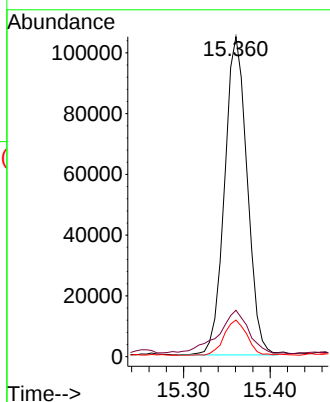
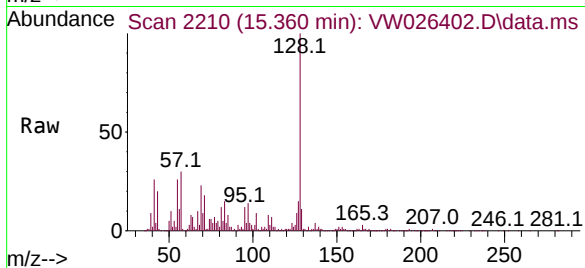
Tgt Ion:128 Resp: 189872

Ion Ratio Lower Upper

128 100

127 18.7 10.9 16.3#

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 7.487 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026402.D

Acq: 28 Jun 2023 16:45

Tgt Ion:180 Resp: 42262

Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.6

145 60.8 28.5 42.7#

