

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
 Data File : VW023855.D
 Acq On : 18 Jul 2022 23:36
 Operator : SY/VA
 Sample : N3721-20
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C62

Quant Time: Jul 19 05:38:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 19 02:51:35 2022
 Response via : Initial Calibration

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

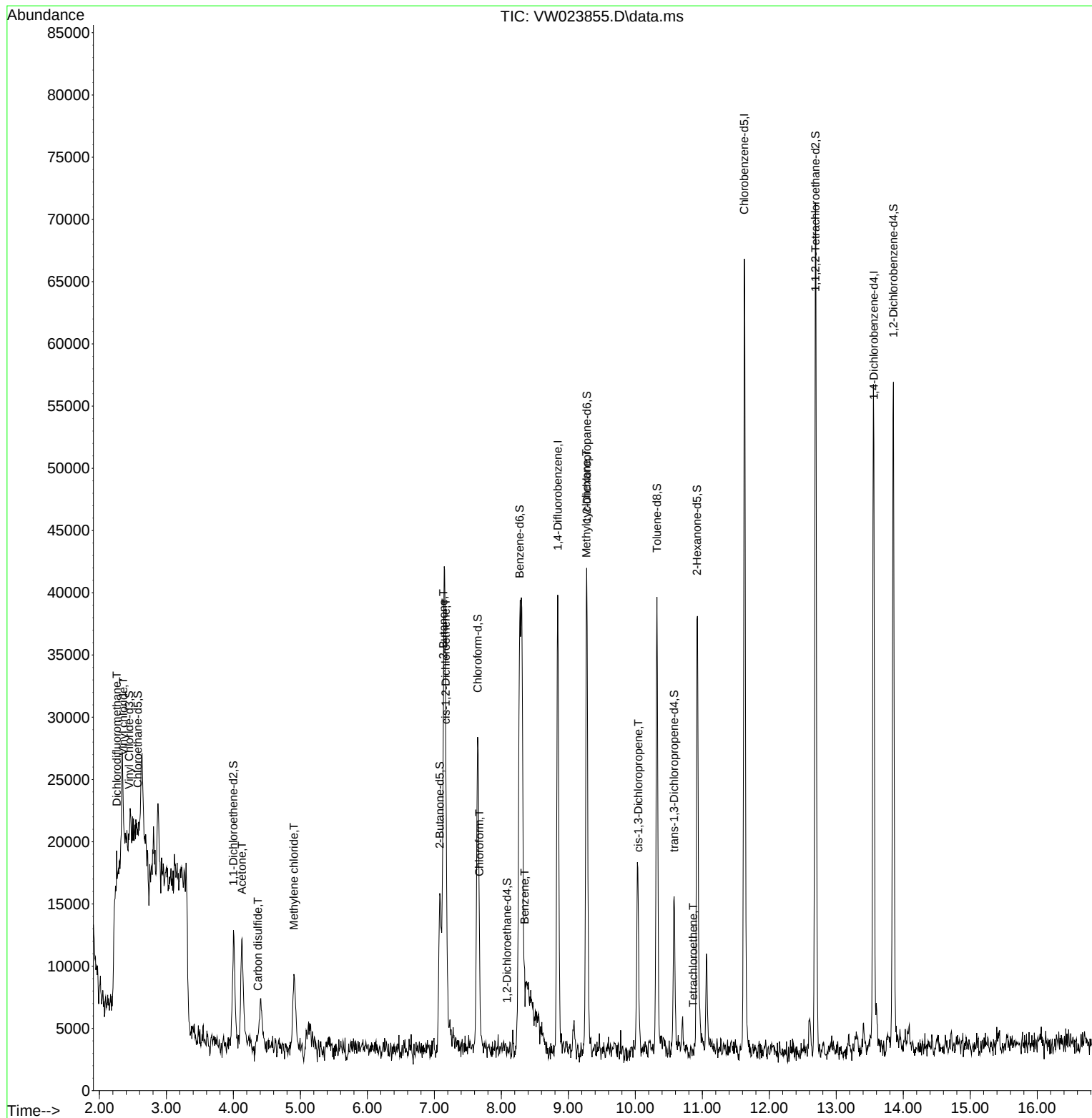
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	28166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	35505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	13261	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.446	65	132	0.183	ug/L	0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.720%#
7) Chloroethane-d5	2.574	69	545	1.136	ug/L	-0.30
Spiked Amount	25.000	Range	30 - 150	Recovery	=	4.560%#
11) 1,1-Dichloroethene-d2	4.001	63	7967	13.600	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.400%
21) 2-Butanone-d5	7.080	46	20139	180.483	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	360.960%#
24) Chloroform-d	7.647	84	24882	30.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.360%
26) 1,2-Dichloroethane-d4	8.086	65	90	0.179	ug/L	-0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.720%#
32) Benzene-d6	8.275	84	34078	18.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.840%
36) 1,2-Dichloropropane-d6	9.274	67	17076	30.715	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.880%#
41) Toluene-d8	10.323	98	23139	12.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.440%
43) trans-1,3-Dichloroprop...	10.579	79	6505	24.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.921	63	10761	92.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.100%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	32222	52.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	209.800%#
66) 1,2-Dichlorobenzene-d4	13.853	152	14144	29.878	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.257	85	152	0.794	ug/L	89
5) Vinyl chloride	2.355	62	1682	2.090	ug/L	91
13) Acetone	4.129	43	14373	182.188	ug/L	95
14) Carbon disulfide	4.367	76	910	1.036	ug/L #	76
16) Methylene chloride	4.903	84	2580	5.858	ug/L	86
20) cis-1,2-Dichloroethene	7.171	96	4120	10.266	ug/L #	94
22) 2-Butanone	7.135	43	538	4.150	ug/L	86
25) Chloroform	7.671	83	503	0.653	ug/L	84
33) Benzene	8.348	78	4025	1.995	ug/L	100
35) Methylcyclohexane	9.268	83	4441	5.474	ug/L #	21
39) cis-1,3-Dichloropropene	10.043	75	421	0.552	ug/L	88
46) Tetrachloroethene	10.866	164	196	0.476	ug/L #	20

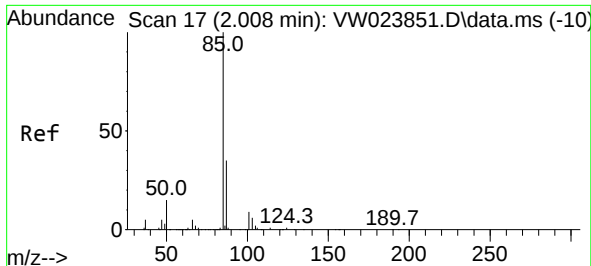
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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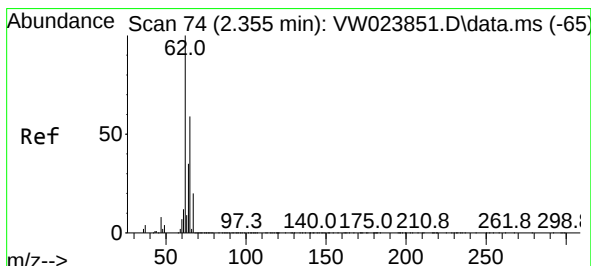
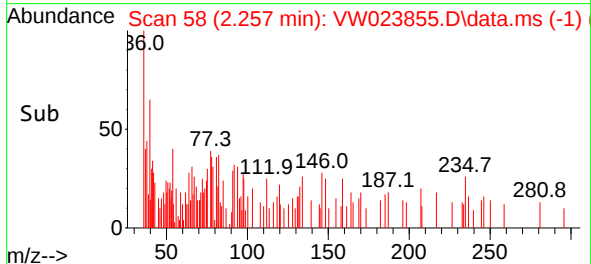
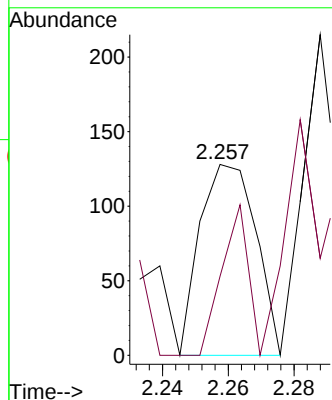
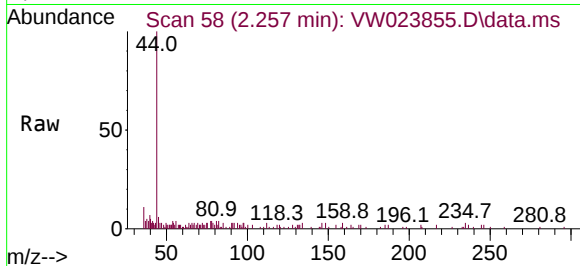




#2
Dichlorodifluoromethane
Concen: 0.794 ug/L
RT: 2.257 min Scan# 51
Delta R.T. 0.250 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

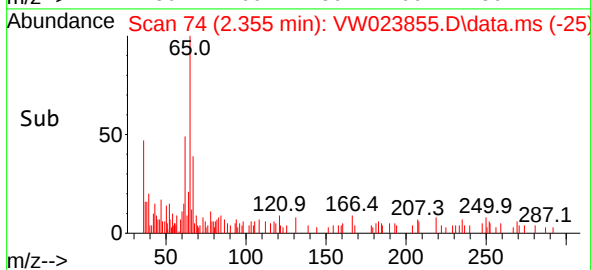
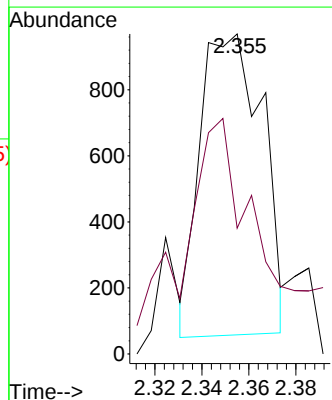
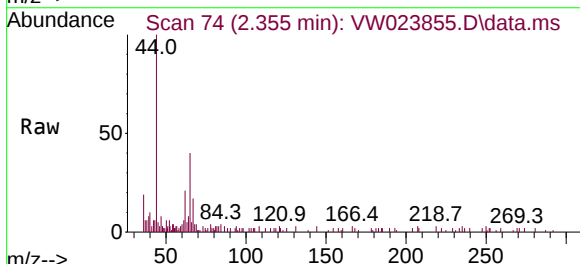
Instrument :
MSVOA_W
ClientSampleId :
F5C62

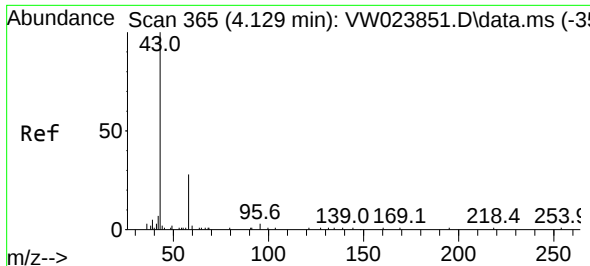
Tgt Ion: 85 Resp: 152
Ion Ratio Lower Upper
85 100
87 36.8 24.7 37.1



#5
Vinyl chloride
Concen: 2.090 ug/L
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

Tgt Ion: 62 Resp: 1682
Ion Ratio Lower Upper
62 100
64 39.3 24.0 44.6

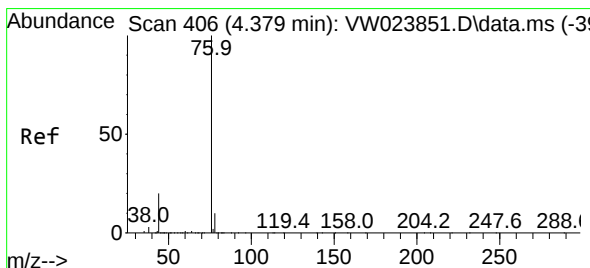
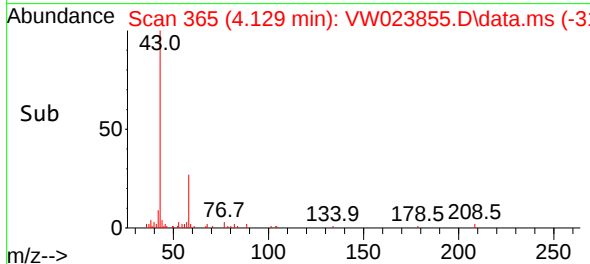
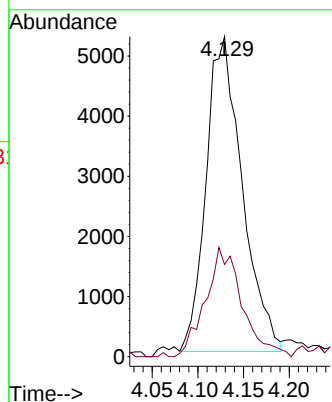
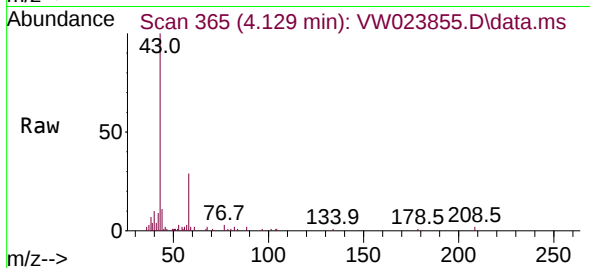




#13
Acetone
Concen: 182.188 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

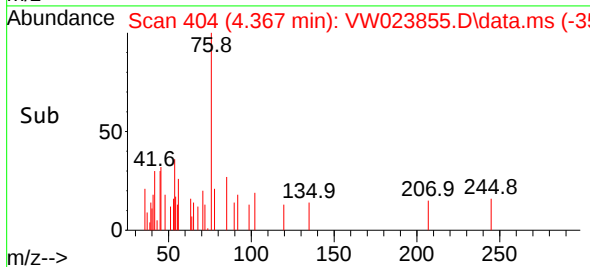
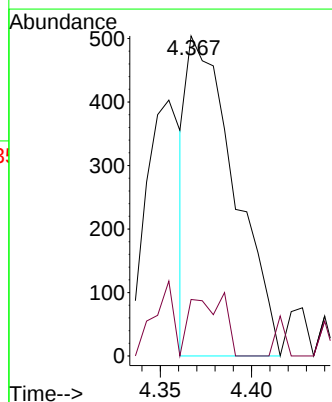
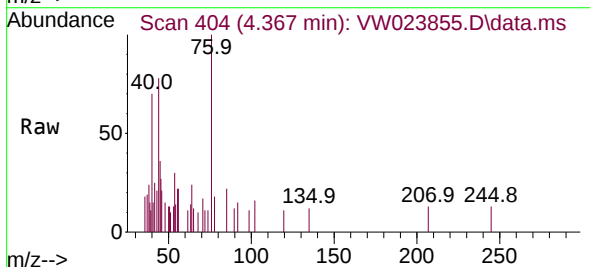
Instrument :
MSVOA_W
ClientSampleId :
F5C62

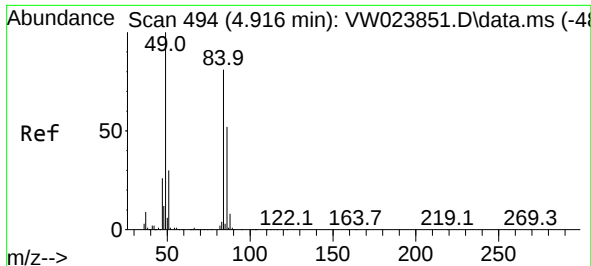
Tgt Ion: 43 Resp: 14373
Ion Ratio Lower Upper
43 100
58 35.0 0.0 64.2



#14
Carbon disulfide
Concen: 1.036 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.012 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 17.7 7.2 10.8#

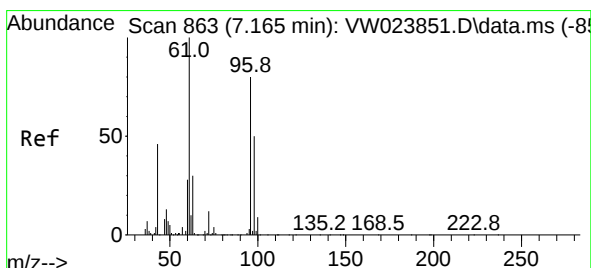
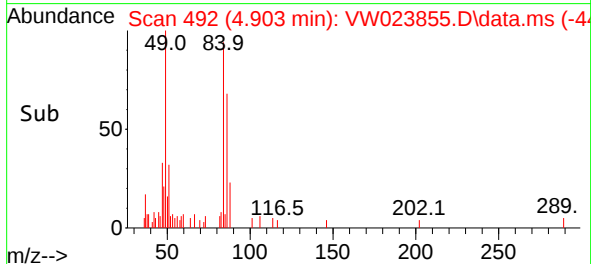
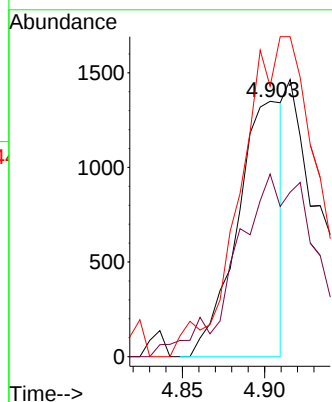
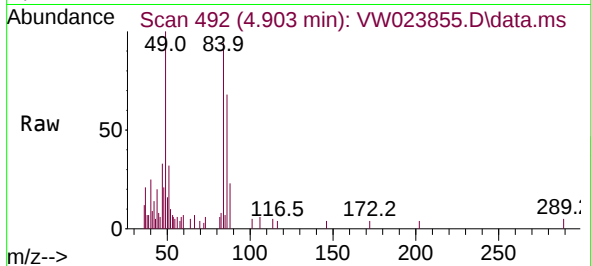




#16
Methylene chloride
Concen: 5.858 ug/L
RT: 4.903 min Scan# 494
Delta R.T. -0.012 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

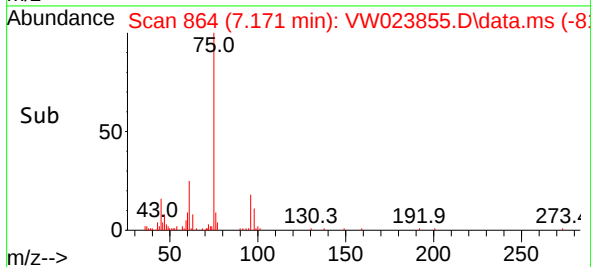
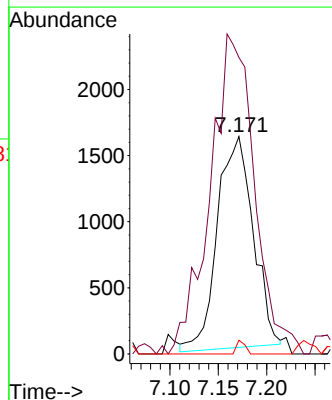
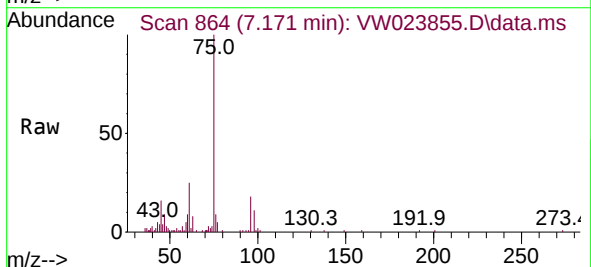
Instrument :
MSVOA_W
ClientSampleId :
F5C62

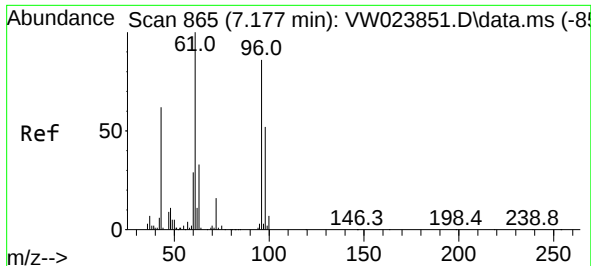
Tgt Ion:	84	Resp:	2580
Ion	Ratio	Lower	Upper
84	100		
86	71.5	42.8	79.6
49	105.9	85.4	158.6



#20
cis-1,2-Dichloroethene
Concen: 10.266 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

Tgt Ion:	96	Resp:	4120
Ion	Ratio	Lower	Upper
96	100		
61	136.4	90.6	168.2
68	6.3	0.2	0.4

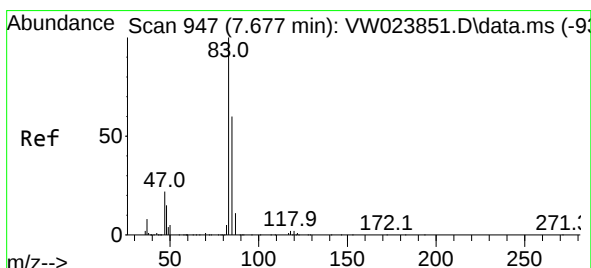
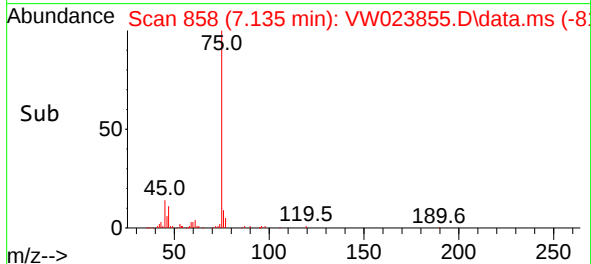
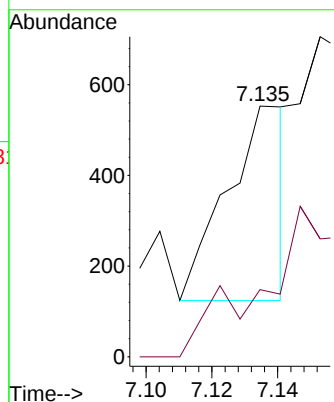
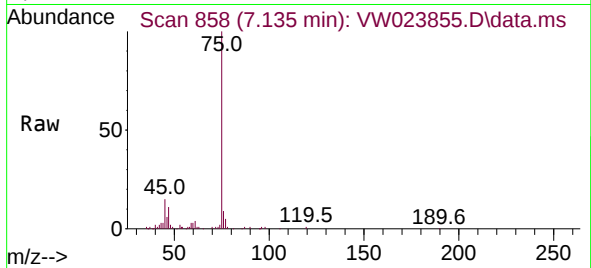




#22
2-Butanone
Concen: 4.150 ug/L
RT: 7.135 min Scan# 81
Delta R.T. -0.043 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

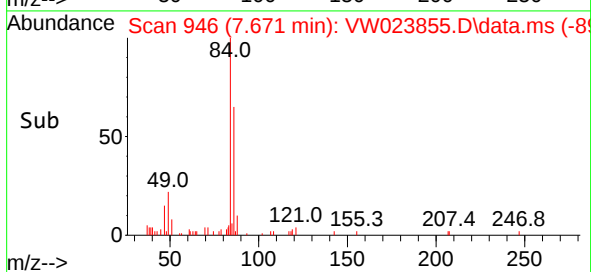
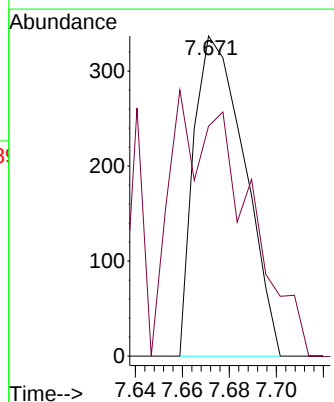
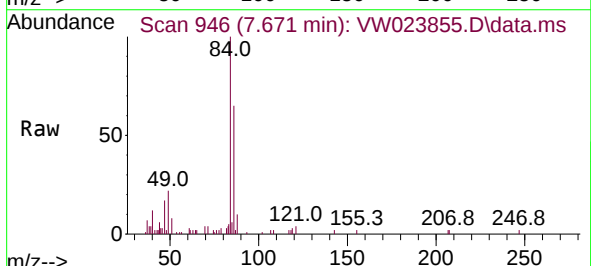
Instrument :
MSVOA_W
ClientSampleId :
F5C62

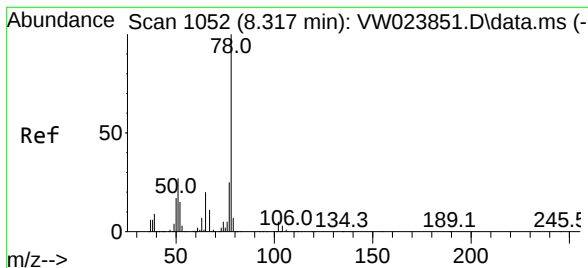
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
72 21.7 14.7 44.1



#25
Chloroform
Concen: 0.653 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW023855.D
Acq: 18 Jul 2022 23:36

Tgt Ion: 83 Resp: 503
Ion Ratio Lower Upper
83 100
85 71.8 41.9 77.9





#33

Benzene

Concen: 1.995 ug/L

RT: 8.348 min Scan# 110

Delta R.T. 0.030 min

Lab File: VW023855.D

Acq: 18 Jul 2022 23:36

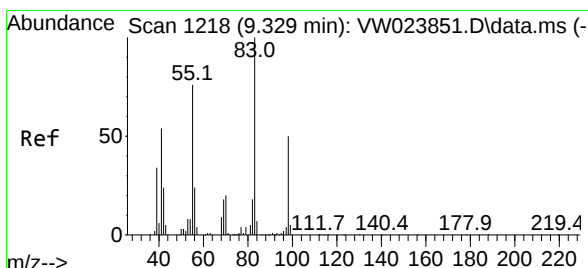
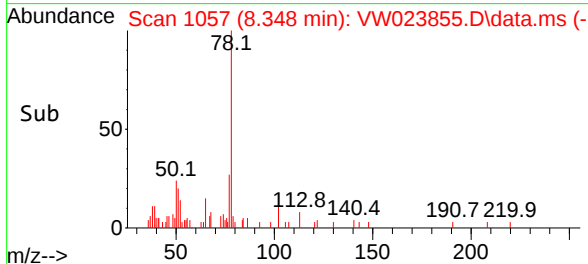
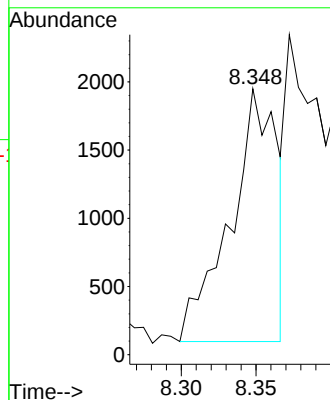
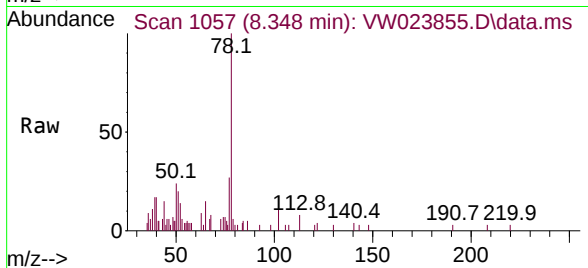
Instrument :

MSVOA_W

ClientSampleId :

F5C62

Tgt Ion: 78 Resp: 4025



#35

Methylcyclohexane

Concen: 5.474 ug/L

RT: 9.268 min Scan# 1208

Delta R.T. -0.061 min

Lab File: VW023855.D

Acq: 18 Jul 2022 23:36

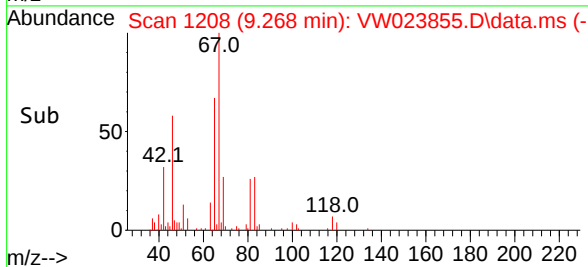
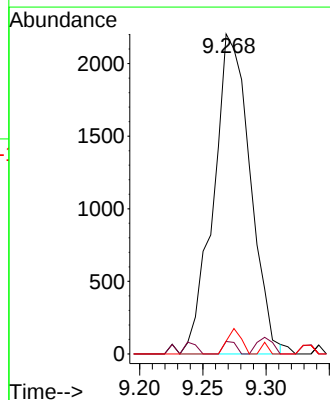
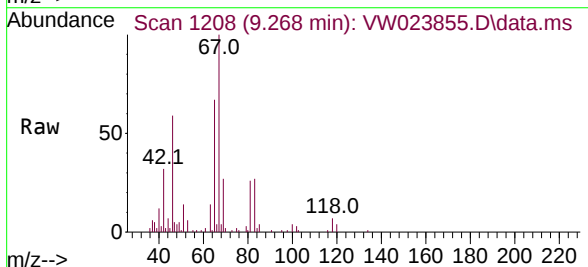
Tgt Ion: 83 Resp: 4441

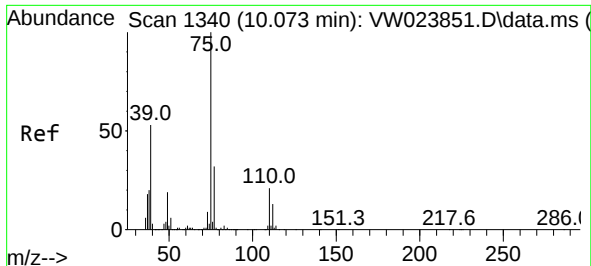
Ion Ratio Lower Upper

83 100

55 1.4 60.8 91.2#

98 3.0 39.5 59.3#





#39

cis-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW023855.D

Acq: 18 Jul 2022 23:36

Instrument :

MSVOA_W

ClientSampleId :

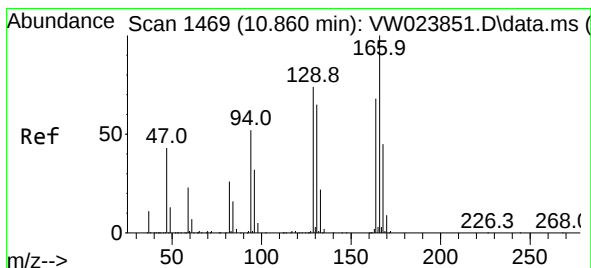
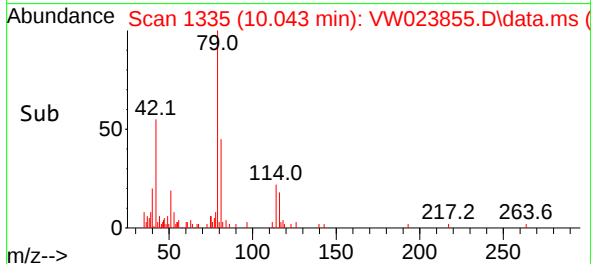
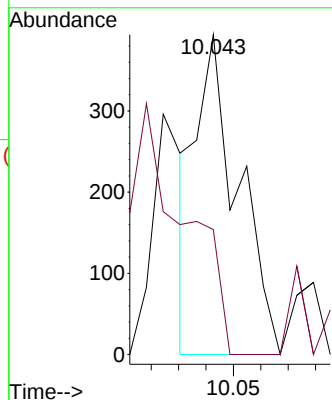
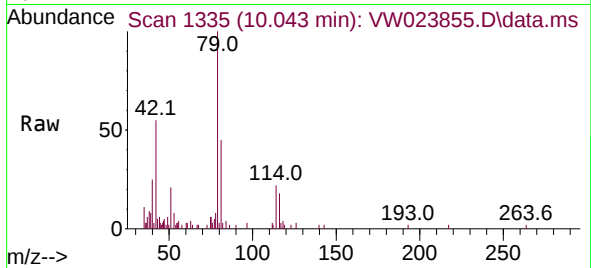
F5C62

Tgt Ion: 75 Resp: 421

Ion Ratio Lower Upper

75 100

77 39.1 22.5 41.9



#46

Tetrachloroethene

Concen: 0.476 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023855.D

Acq: 18 Jul 2022 23:36

Tgt Ion:164 Resp: 196

Ion Ratio Lower Upper

164 100

129 40.6 72.4 134.5#

131 0.0 67.8 125.8#

166 34.1 88.9 165.1#

