

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023756.D
 Acq On : 15 Jul 2022 19:49
 Operator : SY/VA
 Sample : N3698-11
 Misc : 3.422g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B76

Quant Time: Jul 15 22:18:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 22:15:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	7165	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	8250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	2981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	3951	21.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.360%
7) Chloroethane-d5	2.867	69	1772	14.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.040%
11) 1,1-Dichloroethene-d2	4.019	63	2725	18.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.160%
21) 2-Butanone-d5	7.080	46	997	35.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.240%
24) Chloroform-d	7.653	84	6853	32.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.400%
26) 1,2-Dichloroethane-d4	8.305	65	5007	39.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.960%#
32) Benzene-d6	8.275	84	10006	23.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.268	67	4302	33.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.200%#
41) Toluene-d8	10.323	98	6870	15.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.160%
43) trans-1,3-Dichloroprop...	10.579	79	1496	24.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.840%
47) 2-Hexanone-d5	10.927	63	1359	50.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	4484	31.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	2588	24.320	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.947	85	97	1.992	ug/L #	55
5) Vinyl chloride	2.355	62	282	1.377	ug/L #	1
8) Chloroethane	2.764	64	192	2.004	ug/L	92
13) Acetone	4.099	43	193	9.617	ug/L	70
14) Carbon disulfide	4.385	76	371	1.661	ug/L #	75
15) Methyl Acetate	4.672	43	175	3.896	ug/L #	50
16) Methylene chloride	4.916	84	1085	9.684	ug/L	79
18) Methyl tert-butyl Ether	5.440	73	128	0.898	ug/L #	66
20) cis-1,2-Dichloroethene	7.165	96	3433	33.627	ug/L #	90
22) 2-Butanone	7.135	43	192	5.822	ug/L	74
23) Bromochloromethane	7.348	128	47	0.958	ug/L #	37
29) Cyclohexane	7.952	56	102	0.676	ug/L #	23
37) 1,2-Dichloropropane	9.366	63	56	0.476	ug/L #	84
48) 2-Hexanone	10.963	43	175	2.939	ug/L #	73
64) 1,3-Dichlorobenzene	13.566	146	117	0.644	ug/L #	48
65) 1,4-Dichlorobenzene	13.566	146	117	0.605	ug/L #	53
67) 1,2-Dichlorobenzene	13.566	146	117	0.682	ug/L #	52

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
Data File : VW023756.D
Acq On : 15 Jul 2022 19:49
Operator : SY/VA
Sample : N3698-11
Misc : 3.422g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B76

Quant Time: Jul 15 22:18:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 15 22:15:34 2022
Response via : Initial Calibration

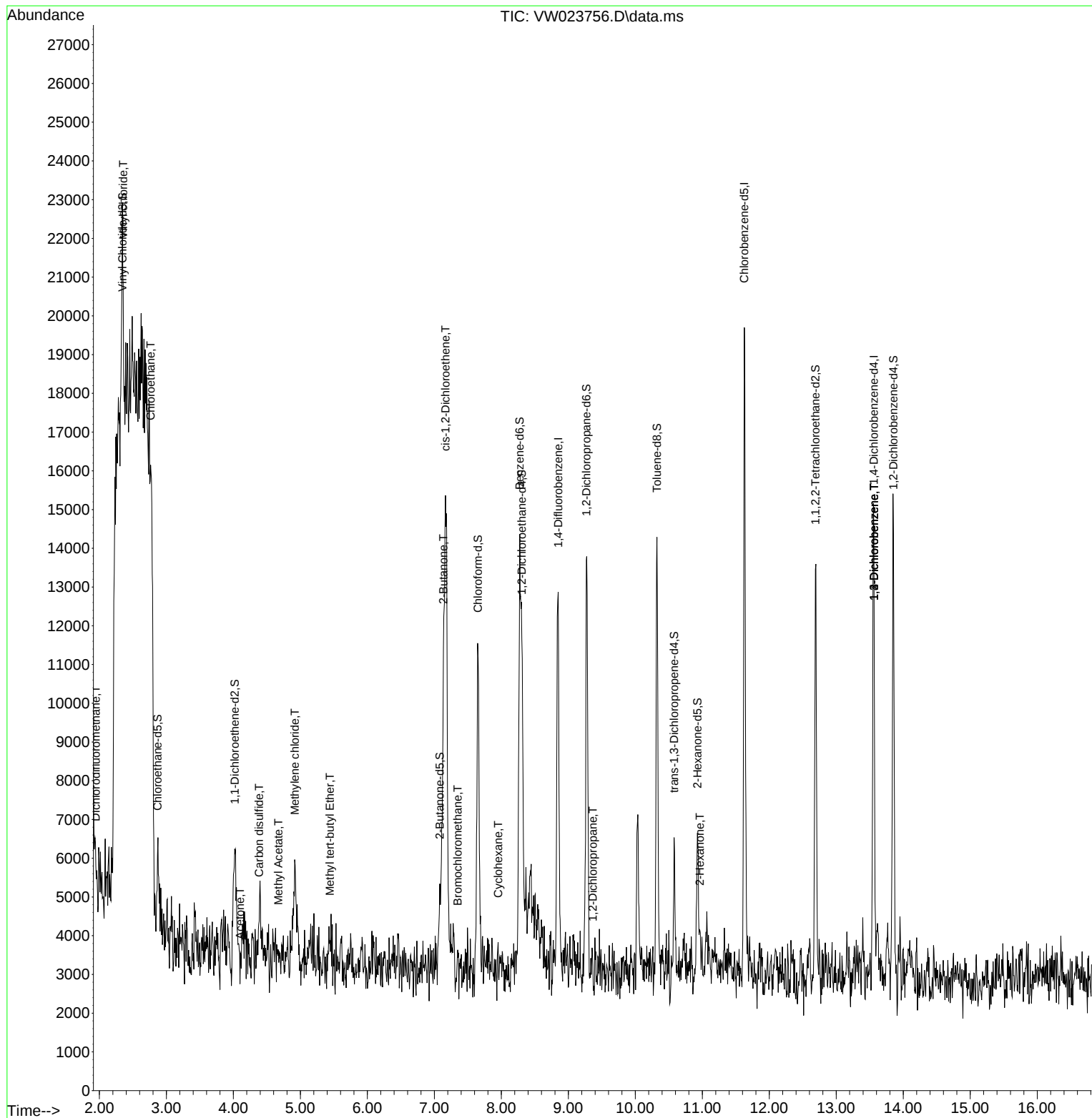
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

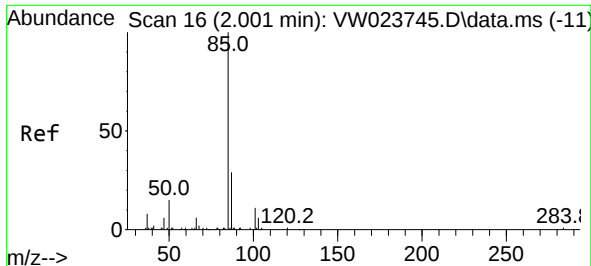
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
Data File : VW023756.D
Acq On : 15 Jul 2022 19:49
Operator : SY/VA
Sample : N3698-11
Misc : 3.422g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B76

Quant Time: Jul 15 22:18:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 15 22:15:34 2022
Response via : Initial Calibration

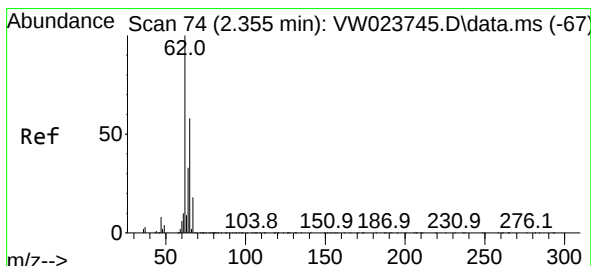
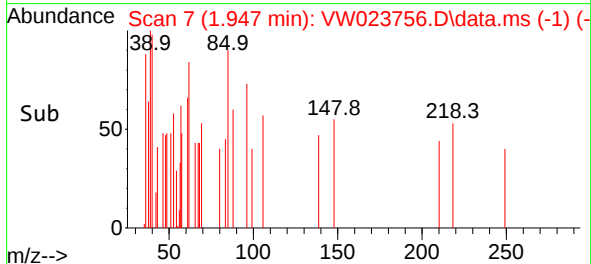
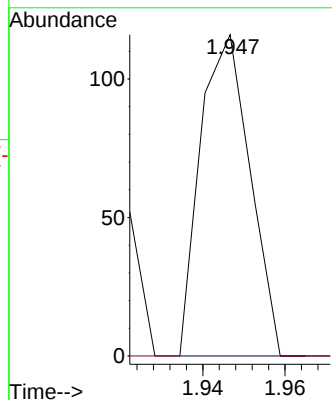
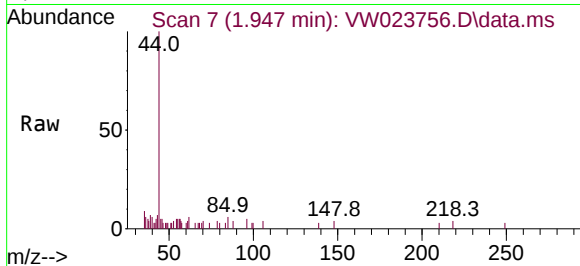




#2
Dichlorodifluoromethane
Concen: 1.992 ug/L
RT: 1.947 min Scan# 7
Delta R.T. -0.054 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

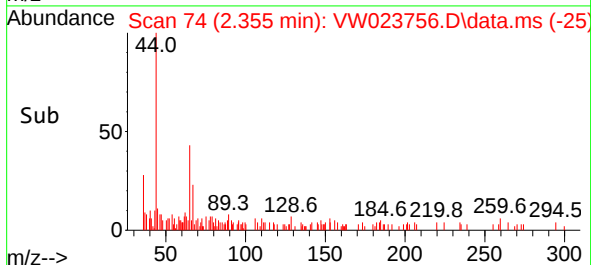
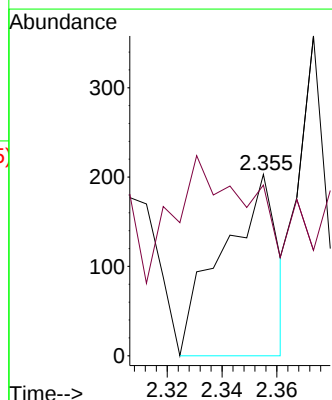
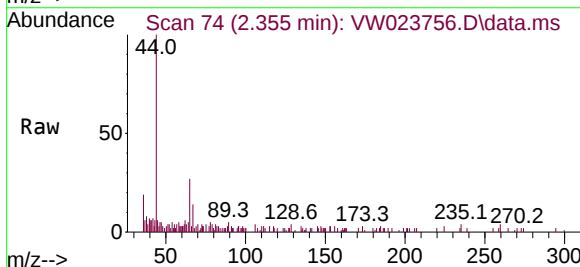
Instrument :
MSVOA_W
ClientSampleId :
F5B76

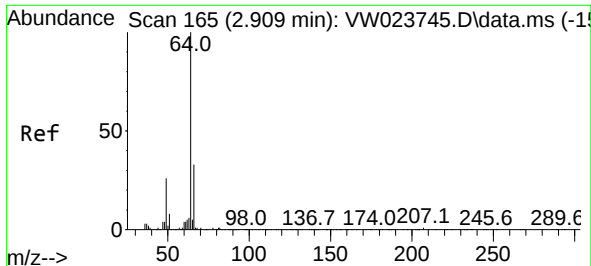
Tgt Ion: 85 Resp: 97
Ion Ratio Lower Upper
85 100
87 55.7 24.7 37.1#



#5
Vinyl chloride
Concen: 1.377 ug/L
RT: 2.355 min Scan# 74
Delta R.T. 0.001 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

Tgt Ion: 62 Resp: 282
Ion Ratio Lower Upper
62 100
64 94.1 24.0 44.6#

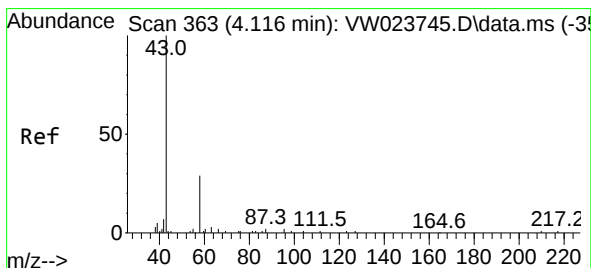
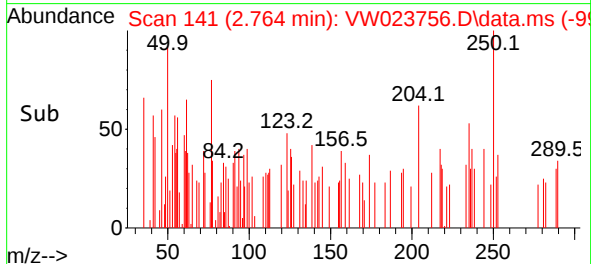
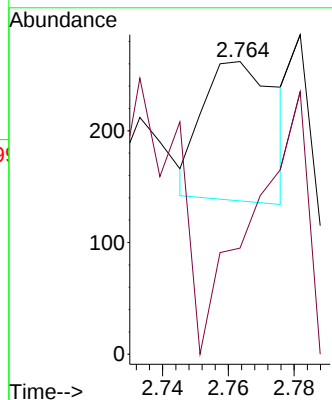
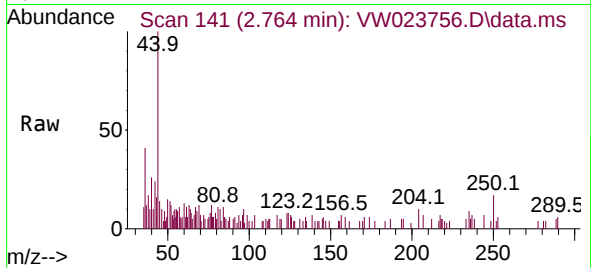




#8
Chloroethane
Concen: 2.004 ug/L
RT: 2.764 min Scan# 141
Delta R.T. -0.146 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

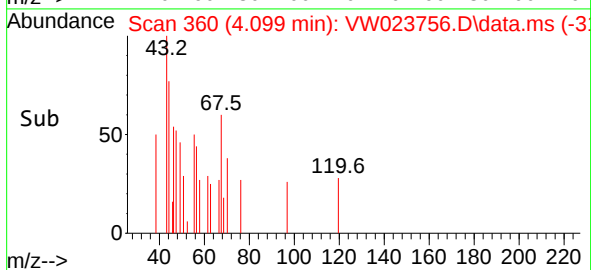
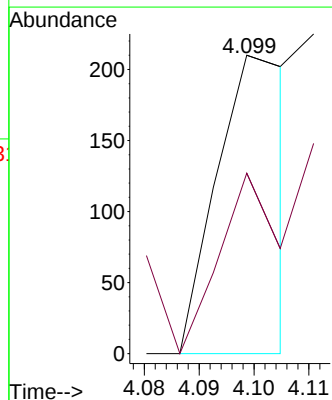
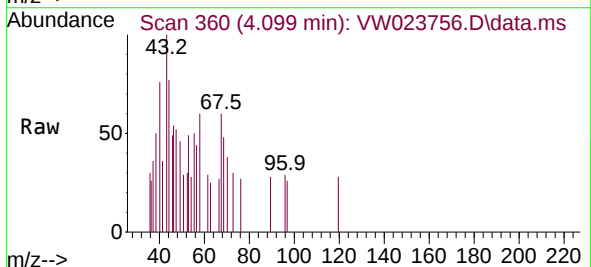
Instrument :
MSVOA_W
ClientSampleId :
F5B76

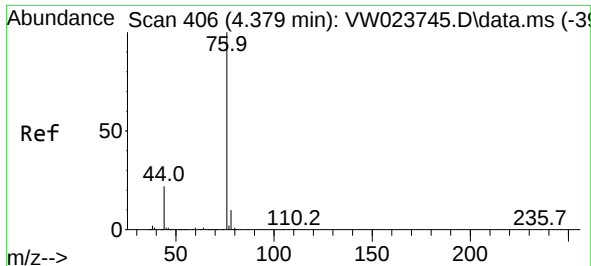
Tgt Ion: 64 Resp: 192
Ion Ratio Lower Upper
64 100
66 36.3 22.4 41.6



#13
Acetone
Concen: 9.617 ug/L
RT: 4.099 min Scan# 360
Delta R.T. -0.018 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
58 48.7 0.0 64.2

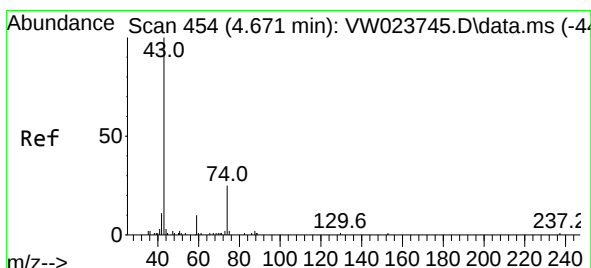
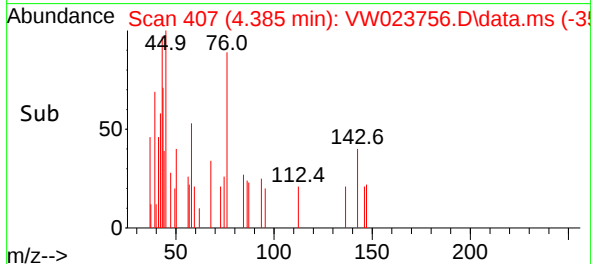
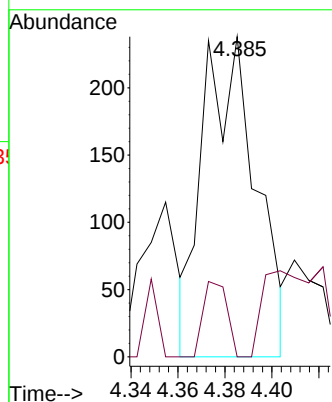
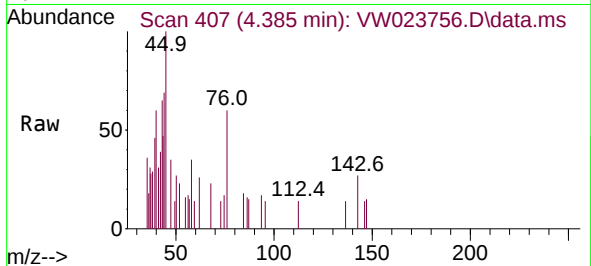




#14
Carbon disulfide
Concen: 1.661 ug/L
RT: 4.385 min Scan# 406
Delta R.T. 0.007 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

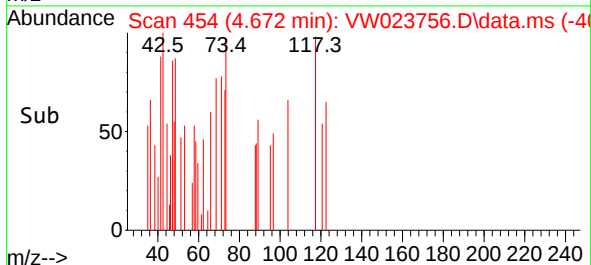
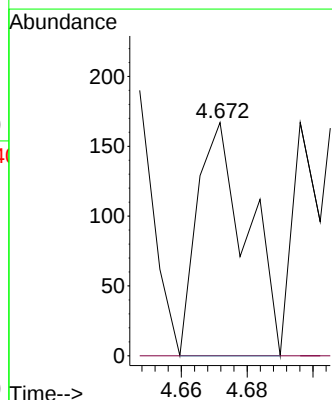
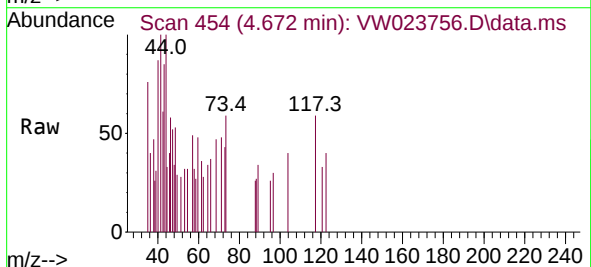
Instrument :
MSVOA_W
ClientSampleId :
F5B76

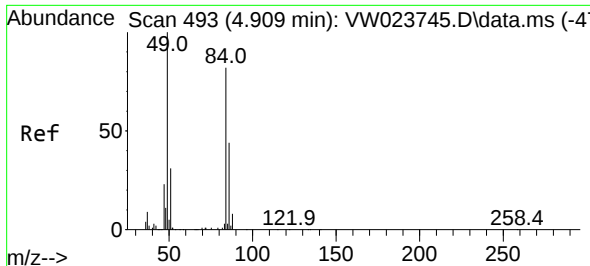
Tgt Ion: 76 Resp: 371
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#15
Methyl Acetate
Concen: 3.896 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#

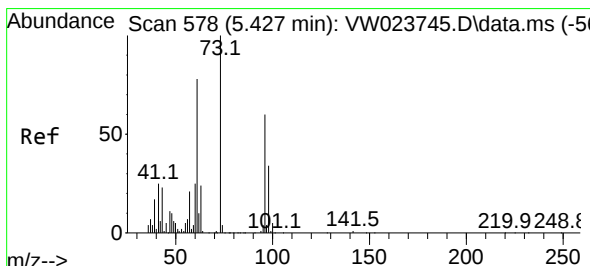
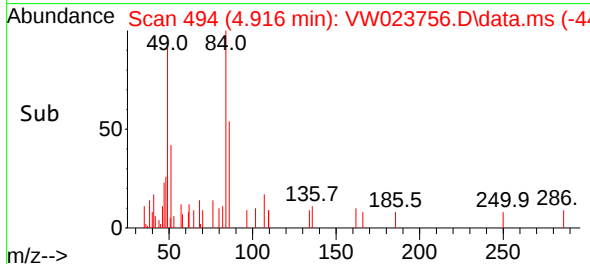
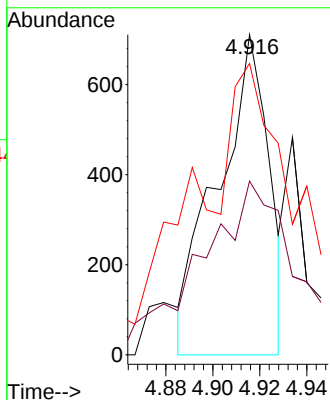
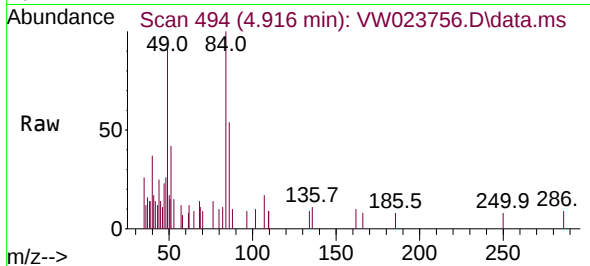




#16
Methylene chloride
Concen: 9.684 ug/L
RT: 4.916 min Scan# 493
Delta R.T. 0.007 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

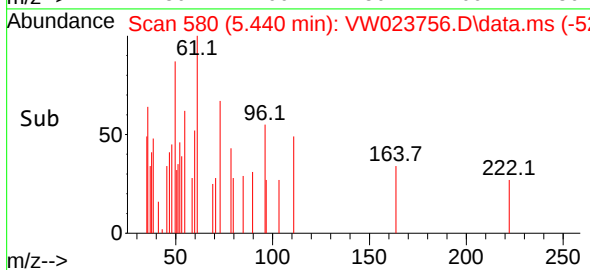
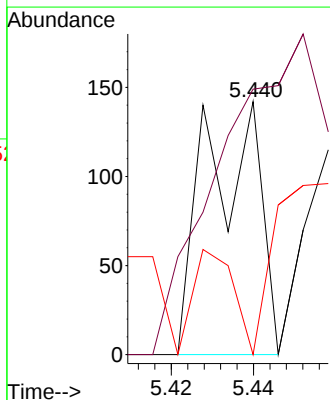
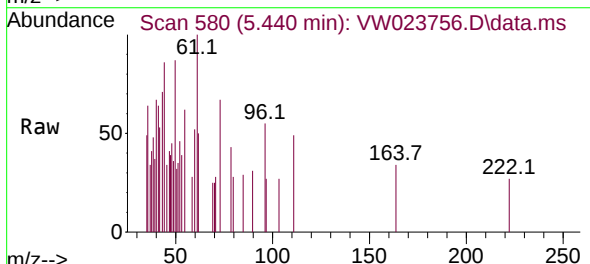
Instrument :
MSVOA_W
ClientSampleId :
F5B76

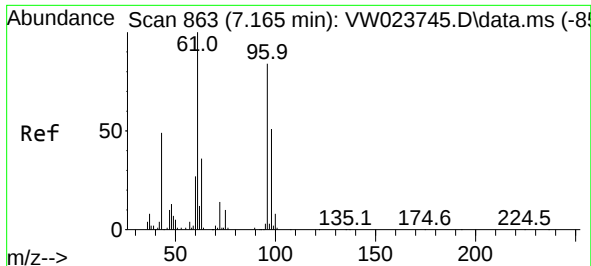
Tgt Ion:	84	Resp:	1085
Ion	Ratio	Lower	Upper
84	100		
86	54.3	42.8	79.6
49	91.0	85.4	158.6



#18
Methyl tert-butyl Ether
Concen: 0.898 ug/L
RT: 5.440 min Scan# 580
Delta R.T. 0.013 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

Tgt Ion:	73	Resp:	128
Ion	Ratio	Lower	Upper
73	100		
43	0.0	17.6	26.4#
57	31.3	16.8	25.2#

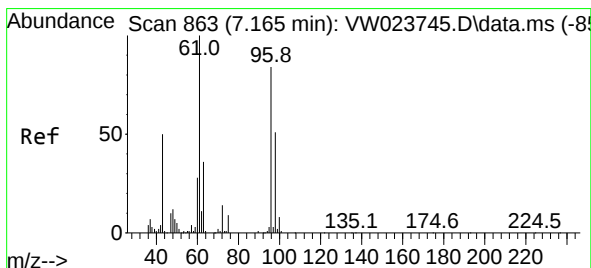
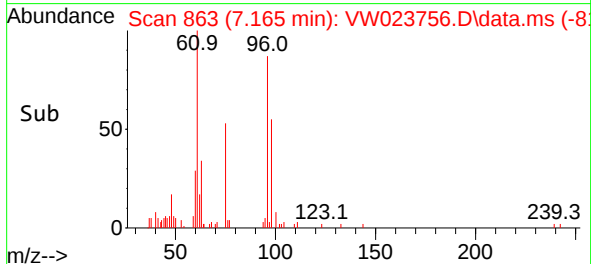
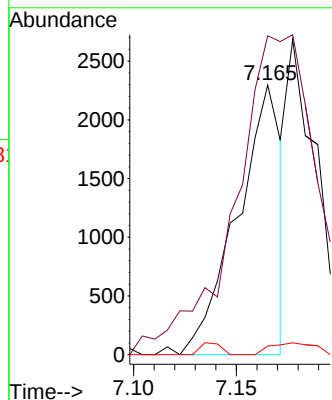
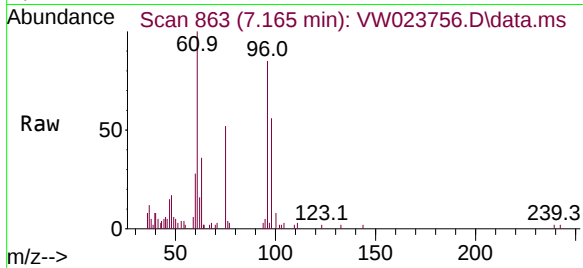




#20
 cis-1,2-Dichloroethene
 Concen: 33.627 ug/L
 RT: 7.165 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: VW023756.D
 Acq: 15 Jul 2022 19:49

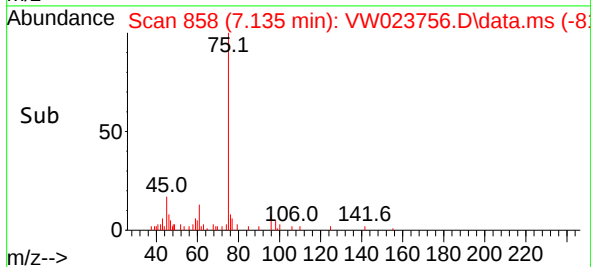
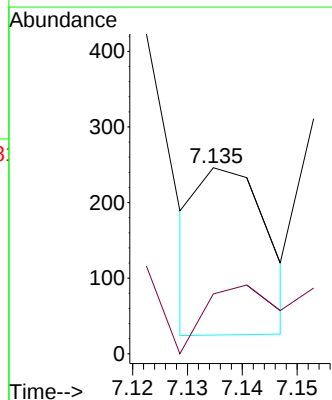
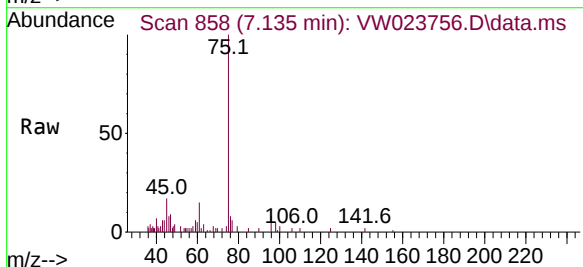
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B76

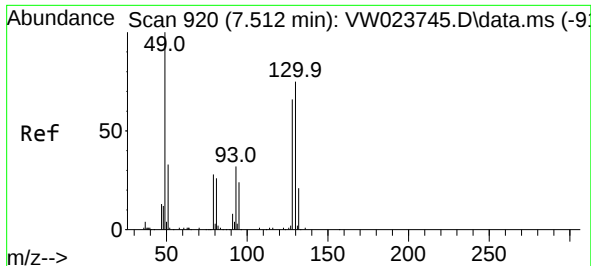
Tgt Ion: 96 Resp: 3433
 Ion Ratio Lower Upper
 96 100
 61 118.3 90.6 168.2
 68 3.2 0.2 0.4#



#22
 2-Butanone
 Concen: 5.822 ug/L
 RT: 7.135 min Scan# 858
 Delta R.T. -0.030 min
 Lab File: VW023756.D
 Acq: 15 Jul 2022 19:49

Tgt Ion: 43 Resp: 192
 Ion Ratio Lower Upper
 43 100
 72 43.2 14.7 44.1

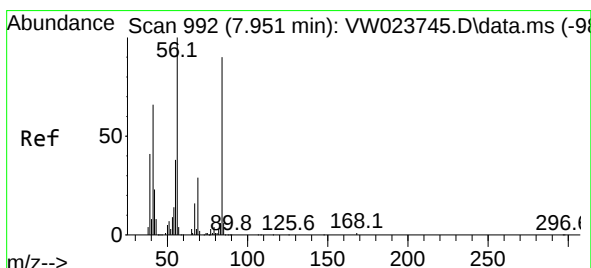
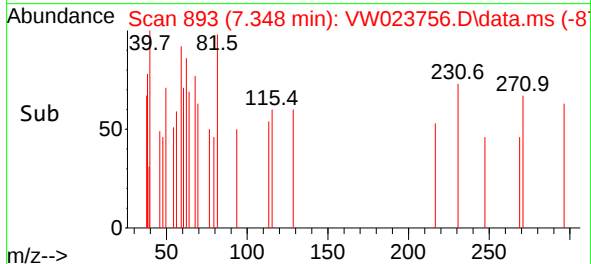
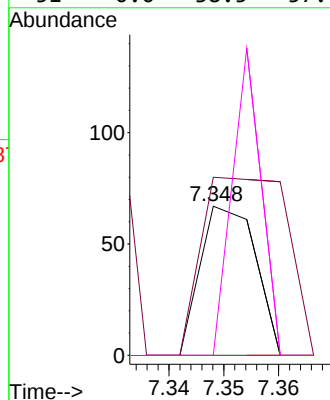
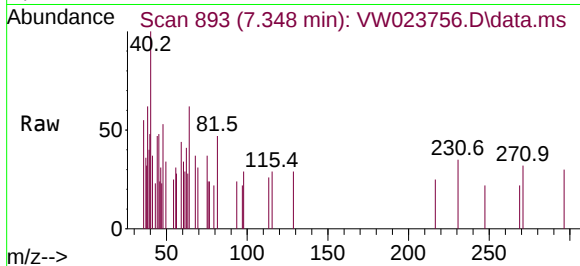




#23
Bromochloromethane
Concen: 0.958 ug/L
RT: 7.348 min Scan# 893
Delta R.T. -0.164 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

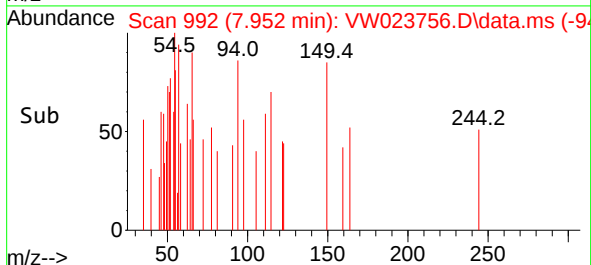
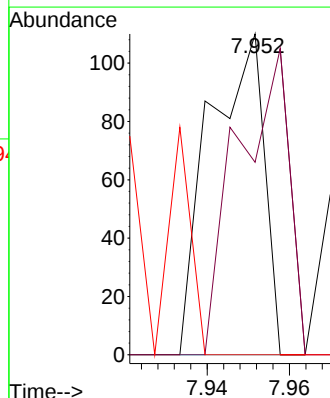
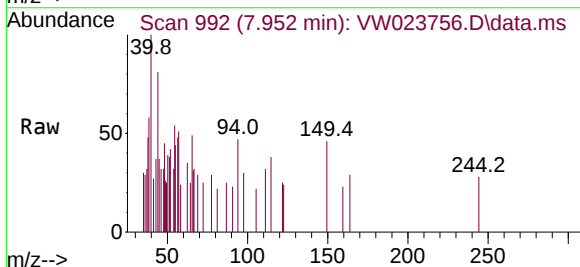
Instrument :
MSVOA_W
ClientSampleId :
F5B76

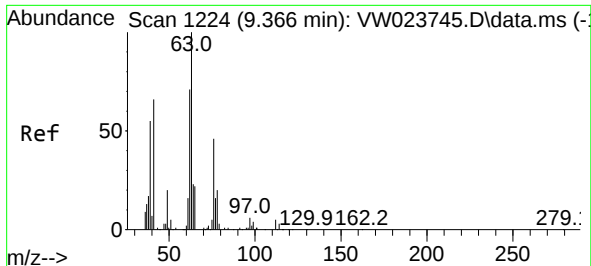
Tgt Ion:	128	Resp:	47
Ion	Ratio	Lower	Upper
128	100		
49	119.4	106.0	196.8
130	0.0	83.2	154.4#
51	0.0	38.5	57.7#



#29
Cyclohexane
Concen: 0.676 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

Tgt Ion:	56	Resp:	102
Ion	Ratio	Lower	Upper
56	100		
69	89.2	25.4	38.0#
84	28.4	75.0	112.4#





#37

1,2-Dichloropropane

Concen: 0.476 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW023756.D

Acq: 15 Jul 2022 19:49

Instrument :

MSVOA_W

ClientSampleId :

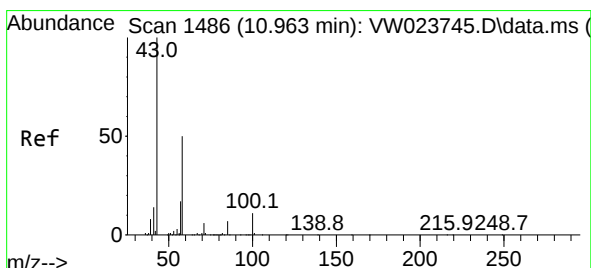
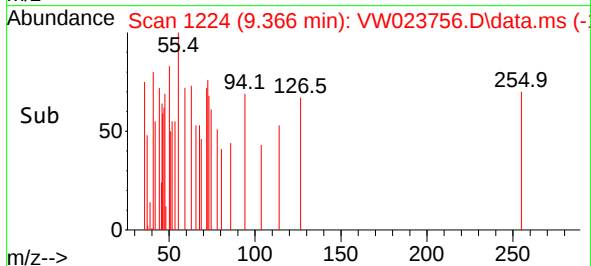
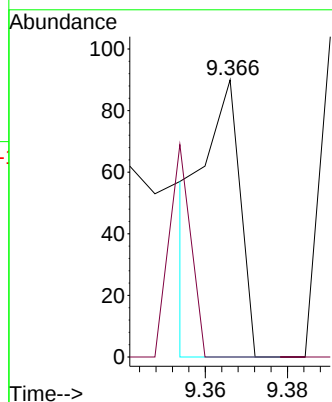
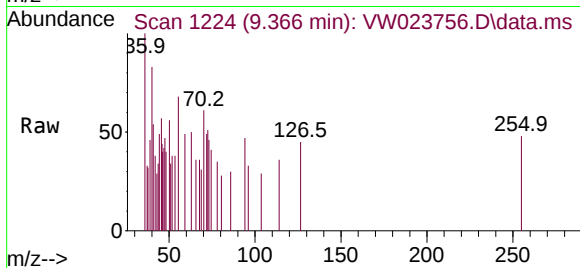
F5B76

Tgt Ion: 63 Resp: 56

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#48

2-Hexanone

Concen: 2.939 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VW023756.D

Acq: 15 Jul 2022 19:49

Tgt Ion: 43 Resp: 175

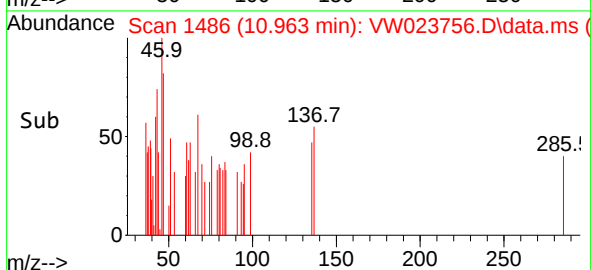
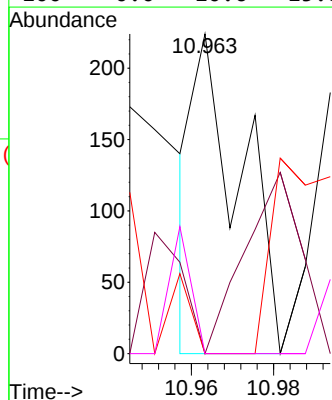
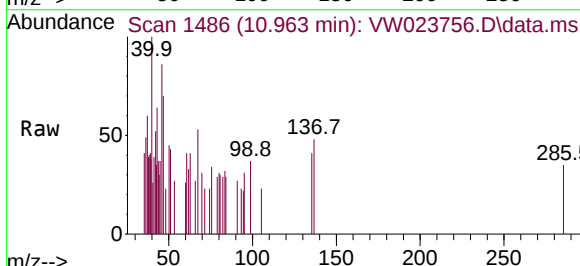
Ion Ratio Lower Upper

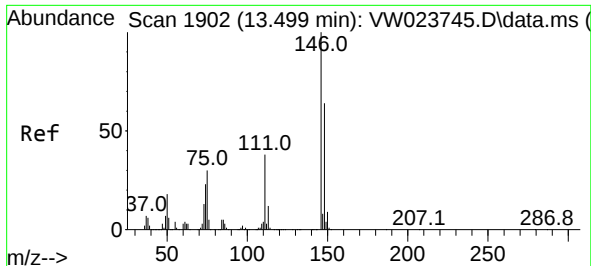
43 100

58 30.9 41.6 62.4#

57 11.4 14.6 21.8#

100 0.0 10.6 15.8#

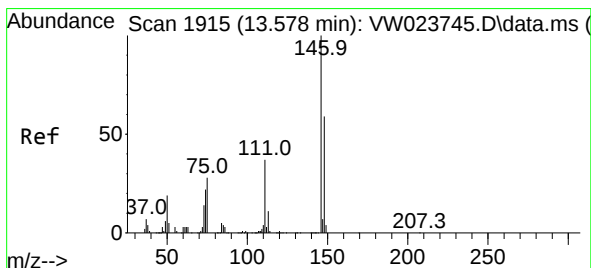
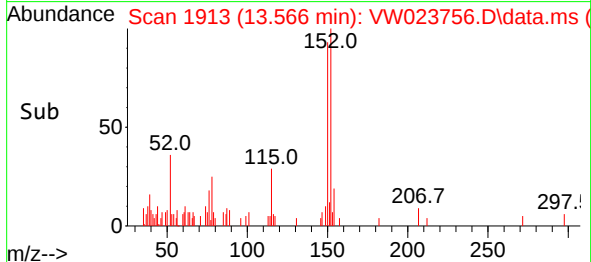
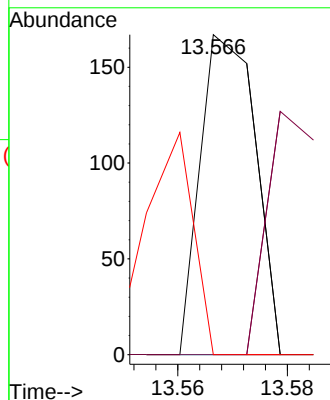
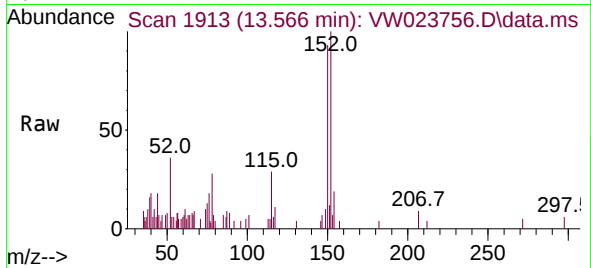




#64
1,3-Dichlorobenzene
Concen: 0.644 ug/L
RT: 13.566 min Scan# 1913
Delta R.T. 0.068 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

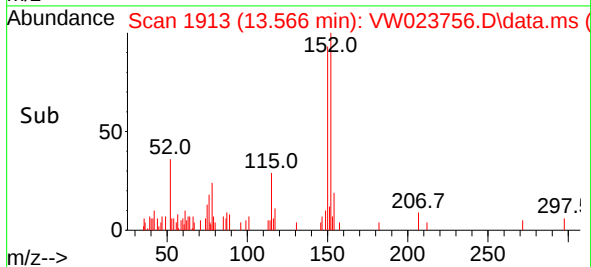
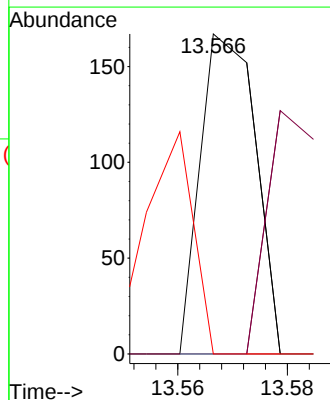
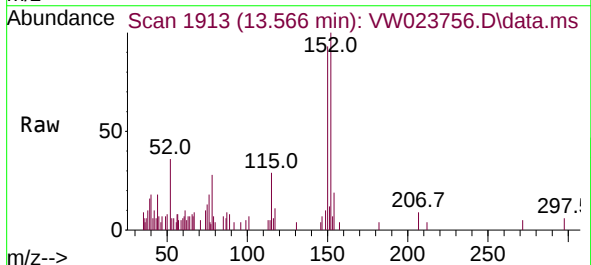
Instrument :
MSVOA_W
ClientSampleId :
F5B76

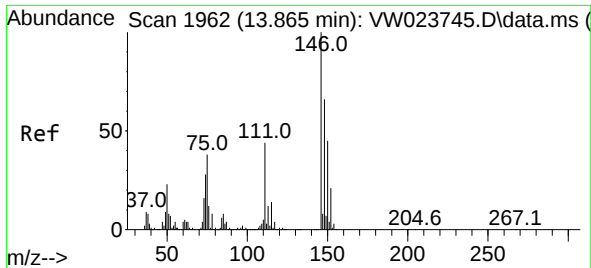
Tgt Ion:146 Resp: 117
Ion Ratio Lower Upper
146 100
111 0.0 28.6 53.2#
148 90.4 41.2 76.4#



#65
1,4-Dichlorobenzene
Concen: 0.605 ug/L
RT: 13.566 min Scan# 1913
Delta R.T. -0.012 min
Lab File: VW023756.D
Acq: 15 Jul 2022 19:49

Tgt Ion:146 Resp: 117
Ion Ratio Lower Upper
146 100
111 0.0 29.4 54.6#
148 90.4 44.4 82.5#





#67
 1,2-Dichlorobenzene
 Concen: 0.682 ug/L
 RT: 13.566 min Scan# 1962
 Delta R.T. -0.298 min
 Lab File: VW023756.D
 Acq: 15 Jul 2022 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B76

Tgt Ion:	146	Resp:	117
Ion	Ratio	Lower	Upper
146	100		
111	0.0	35.9	53.9#
148	90.4	51.3	76.9#

