

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029251.D
 Acq On : 20 Jun 2024 12:29
 Operator : SY/MD
 Sample : P2871-23
 Misc : 5.42g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 01:31:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 01:26:21 2024
 Response via : Initial Calibration

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

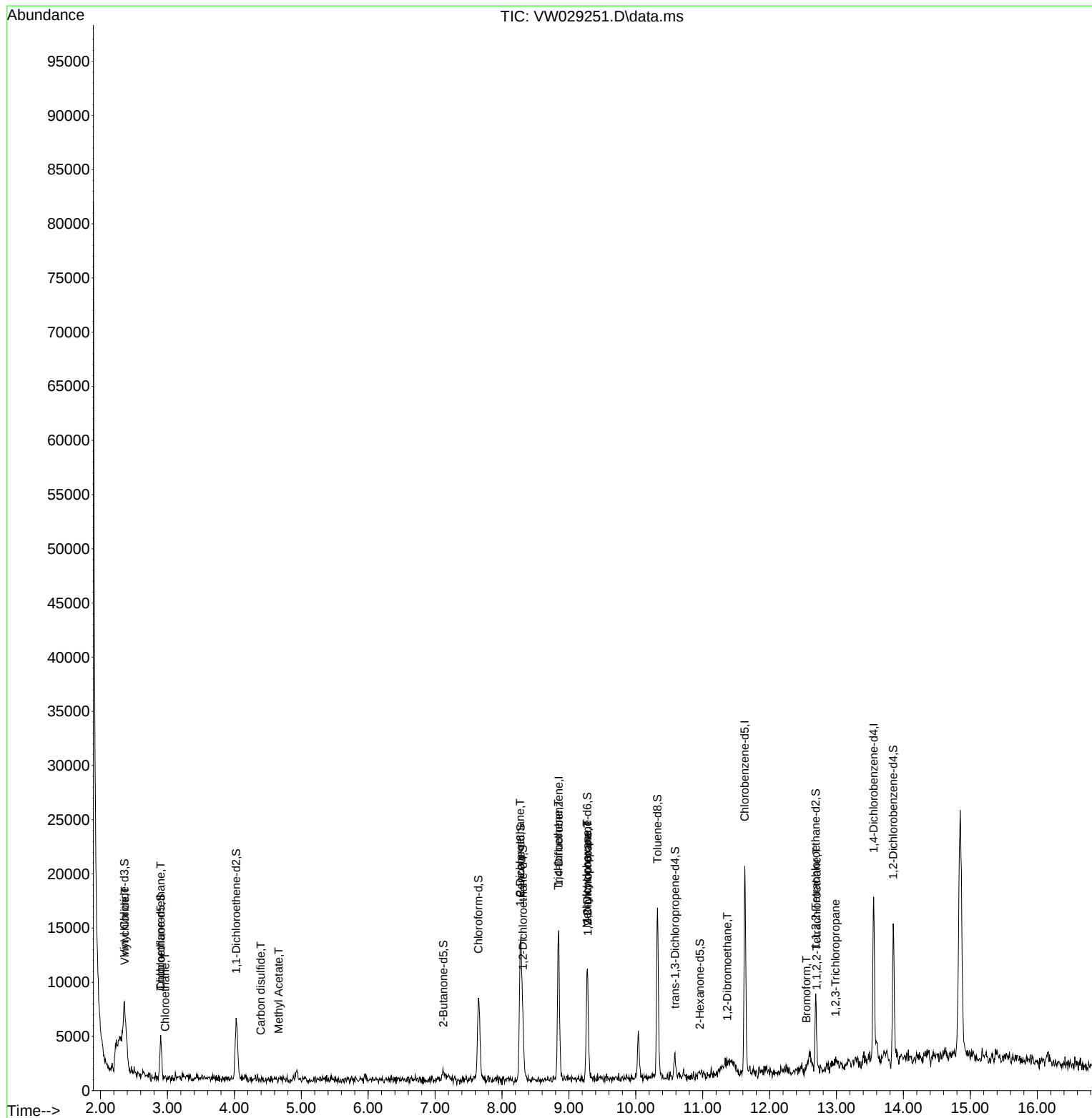
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	10514	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	9736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	3832	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	3755	25.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.200%
7) Chloroethane-d5	2.899	69	3523	28.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.680%
11) 1,1-Dichloroethene-d2	4.027	65	1768	25.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.640%
21) 2-Butanone-d5	7.124	46	231	5.306	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.620%#
24) Chloroform-d	7.648	84	7705	24.567	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.313	65	3926	21.802	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	8.276	84	13317	22.519	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	9.276	67	4525	24.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.325	98	10284	19.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.640%
43) trans-1,3-Dichloroprop...	10.587	79	1110	14.653	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.600%
47) 2-Hexanone-d5	10.959	63	22	0.747	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	3188	21.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	2965	22.291	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						Qvalue
5) Vinyl chloride	2.363	62	133	0.792	ug/L #	1
8) Chloroethane	2.966	64	47	0.457	ug/L #	42
9) Trichlorofluoromethane	2.899	101	47	0.361	ug/L #	18
14) Carbon disulfide	4.393	76	189	0.475	ug/L #	75
15) Methyl Acetate	4.661	43	46	0.626	ug/L #	55
27) 1,2-Dichloroethane	8.270	62	93	0.442	ug/L #	77
34) Trichloroethene	8.843	95	338	2.166	ug/L #	7
35) Methylcyclohexane	9.270	83	1292	5.264	ug/L #	18
37) 1,2-Dichloropropane	9.282	63	624	3.796	ug/L #	86
50) 1,2-Dibromoethane	11.367	107	93	0.905	ug/L #	6
57) 1,1,2,2-Tetrachloroethane	12.702	83	76	0.537	ug/L #	69
59) Bromoform	12.550	173	41	0.781	ug/L #	37
61) 1,2,3-Trichloropropane	12.983	75	47	0.562	ug/L #	51

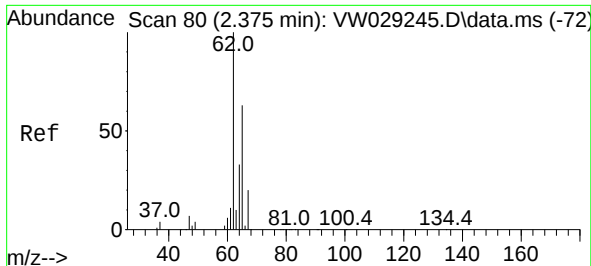
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
Data File : VW029251.D
Acq On : 20 Jun 2024 12:29
Operator : SY/MD
Sample : P2871-23
Misc : 5.42g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 21 01:31:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 21 01:26:21 2024
Response via : Initial Calibration

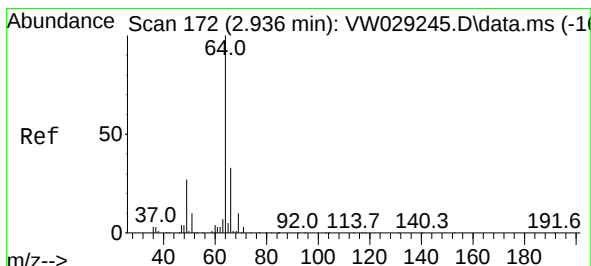
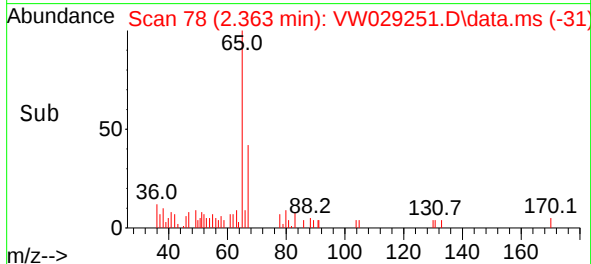
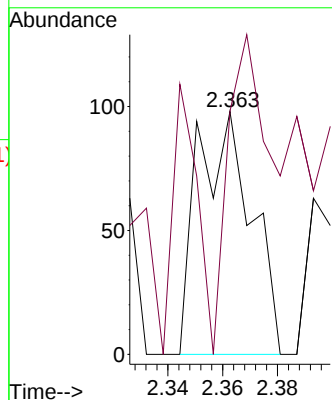
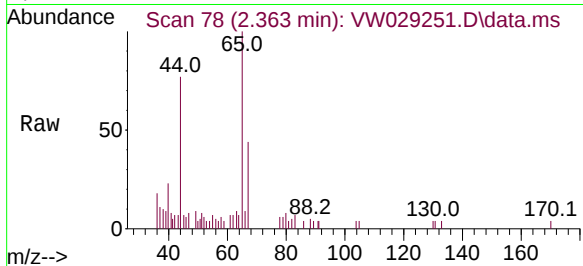




#5
 Vinyl chloride
 Concen: 0.792 ug/L
 RT: 2.363 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VW029251.D
 Acq: 20 Jun 2024 12:29

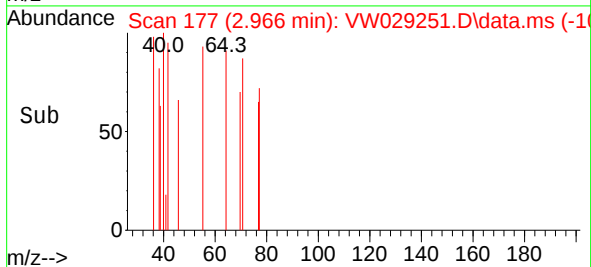
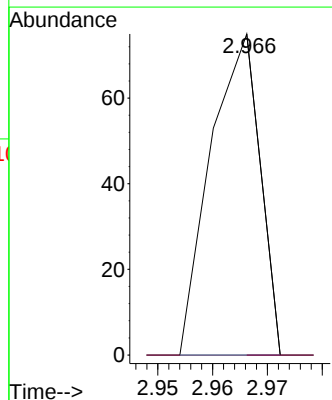
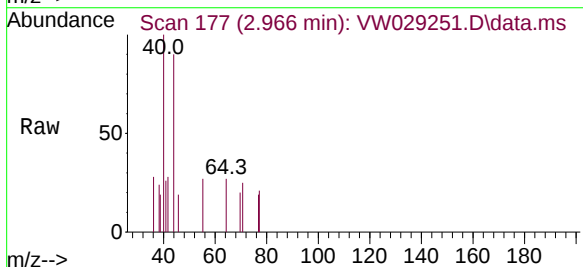
Instrument :
 MSVOA_W
 ClientSampleId :

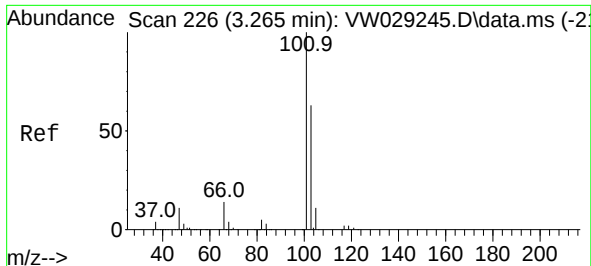
Tgt Ion: 62 Resp: 133
 Ion Ratio Lower Upper
 62 100
 64 100.0 22.0 40.8#



#8
 Chloroethane
 Concen: 0.457 ug/L
 RT: 2.966 min Scan# 177
 Delta R.T. 0.030 min
 Lab File: VW029251.D
 Acq: 20 Jun 2024 12:29

Tgt Ion: 64 Resp: 47
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.5 41.9#

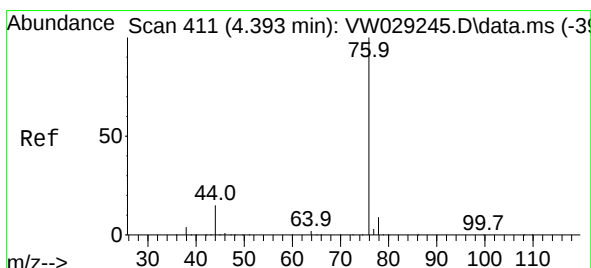
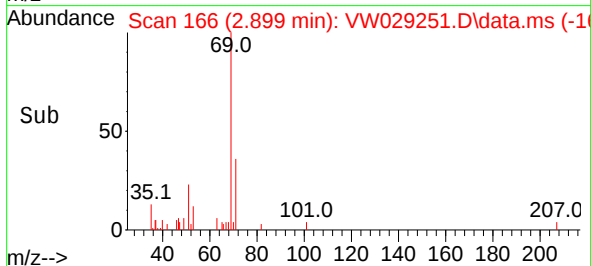
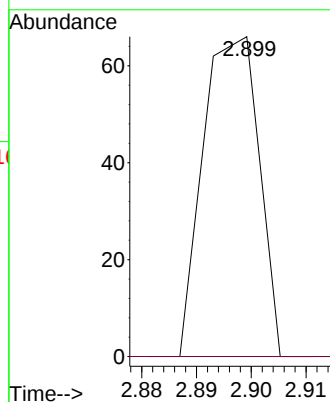
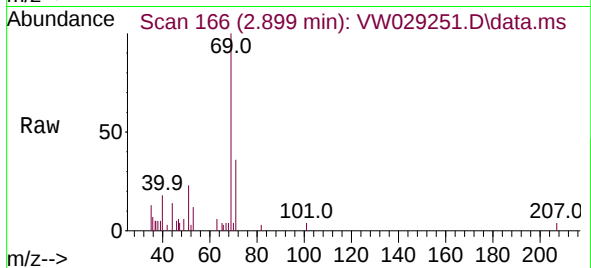




#9
 Trichlorofluoromethane
 Concen: 0.361 ug/L
 RT: 2.899 min Scan# 1
 Delta R.T. -0.366 min
 Lab File: VW029251.D
 Acq: 20 Jun 2024 12:29

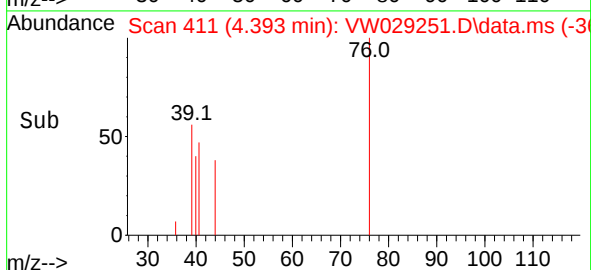
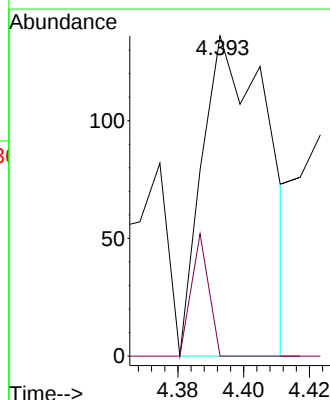
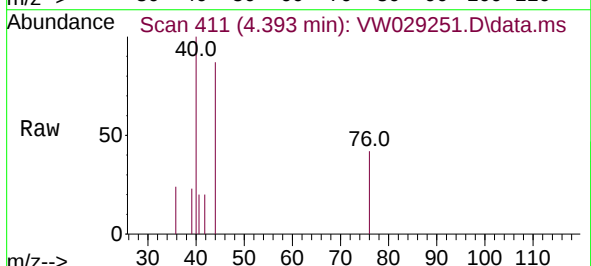
Instrument :
 MSVOA_W
 ClientSampleId :

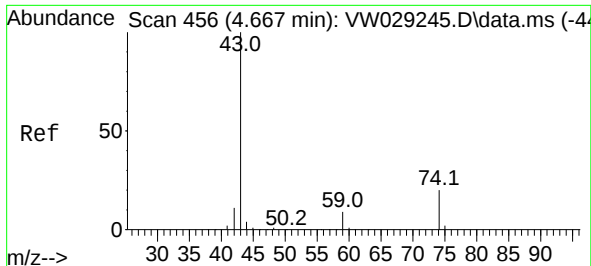
Tgt Ion:101 Resp: 47
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.8 76.2#



#14
 Carbon disulfide
 Concen: 0.475 ug/L
 RT: 4.393 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VW029251.D
 Acq: 20 Jun 2024 12:29

Tgt Ion: 76 Resp: 189
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.2 10.8#





#15

Methyl Acetate

Concen: 0.626 ug/L

RT: 4.661 min Scan# 41

Delta R.T. -0.006 min

Lab File: VW029251.D

Acq: 20 Jun 2024 12:29

Instrument :

MSVOA_W

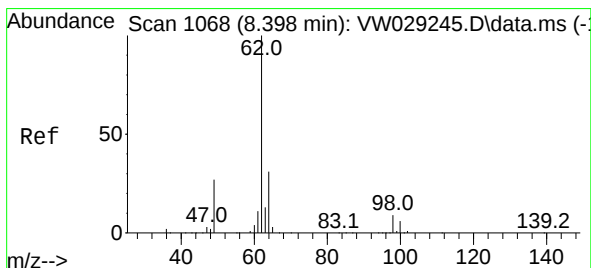
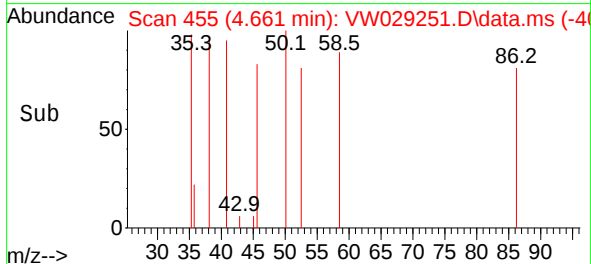
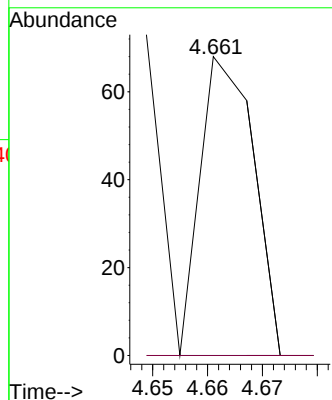
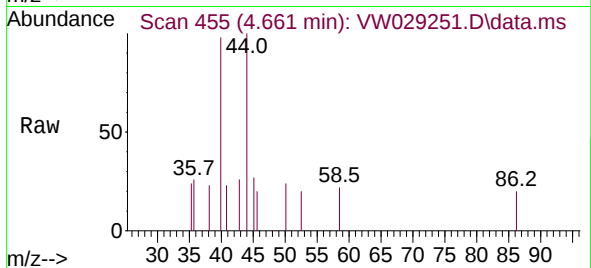
ClientSampleId :

Tgt Ion: 43 Resp: 46

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#27

1,2-Dichloroethane

Concen: 0.442 ug/L

RT: 8.270 min Scan# 1047

Delta R.T. -0.128 min

Lab File: VW029251.D

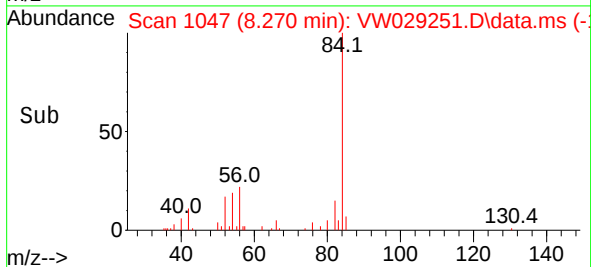
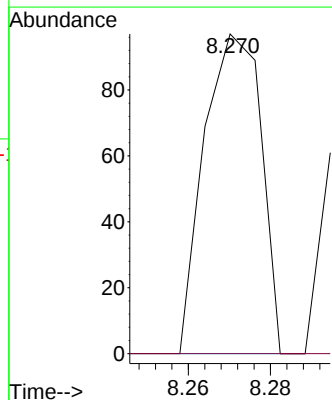
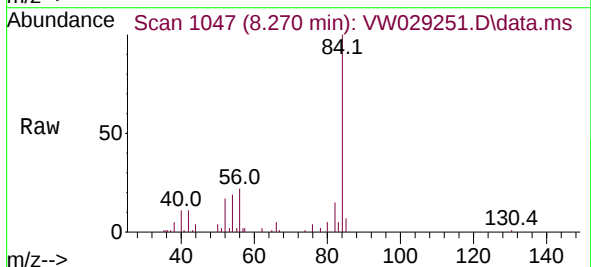
Acq: 20 Jun 2024 12:29

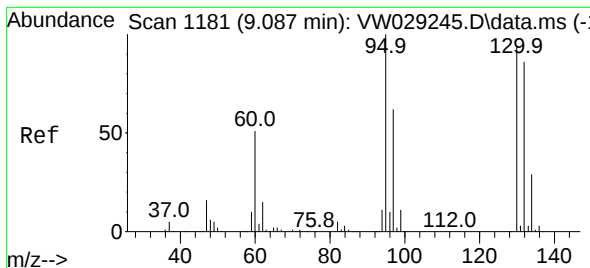
Tgt Ion: 62 Resp: 93

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#





#34

Trichloroethene

Concen: 2.166 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.244 min

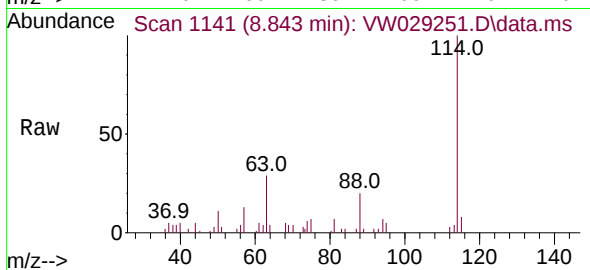
Lab File: VW029251.D

Acq: 20 Jun 2024 12:29

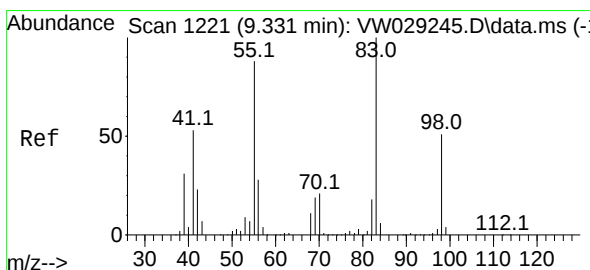
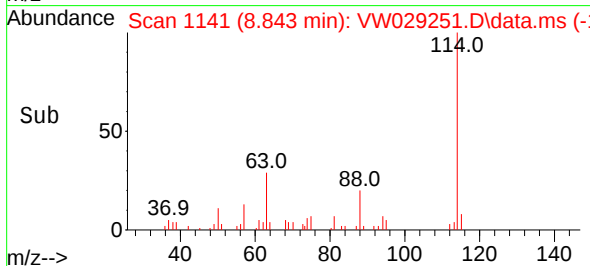
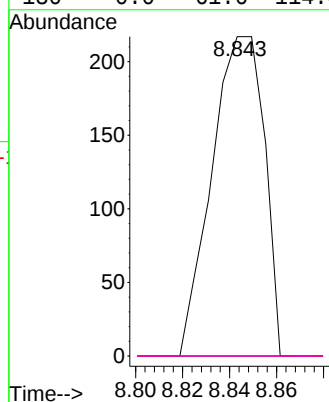
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion	95	Resp:	338
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.7	84.9#
132	0.0	66.4	123.4#
130	0.0	61.6	114.4#



#35

Methylcyclohexane

Concen: 5.264 ug/L

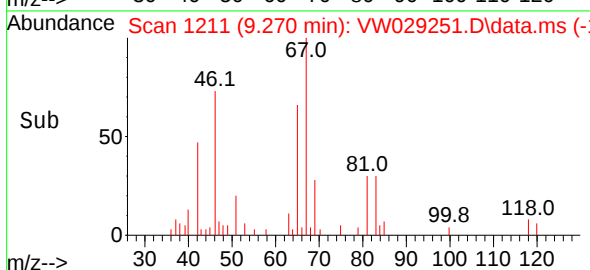
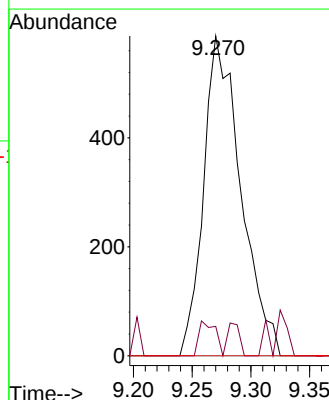
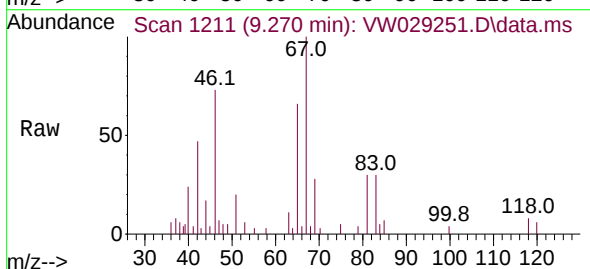
RT: 9.270 min Scan# 1211

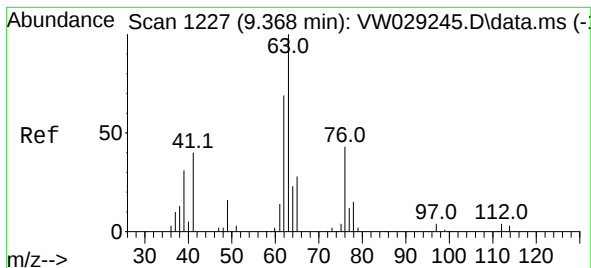
Delta R.T. -0.061 min

Lab File: VW029251.D

Acq: 20 Jun 2024 12:29

Tgt Ion	83	Resp:	1292
Ion	Ratio	Lower	Upper
83	100		
55	4.8	69.5	104.3#
98	0.0	38.0	57.0#





#37

1,2-Dichloropropane

Concen: 3.796 ug/L

RT: 9.282 min Scan# 11

Delta R.T. -0.085 min

Lab File: VW029251.D

Acq: 20 Jun 2024 12:29

Instrument :

MSVOA_W

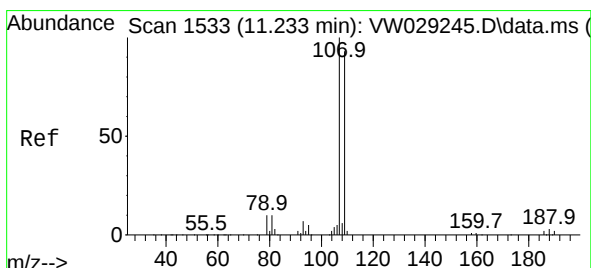
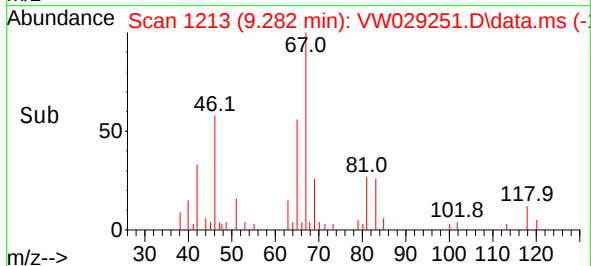
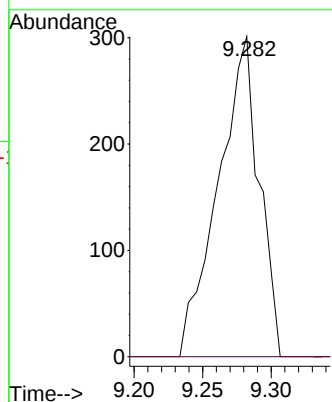
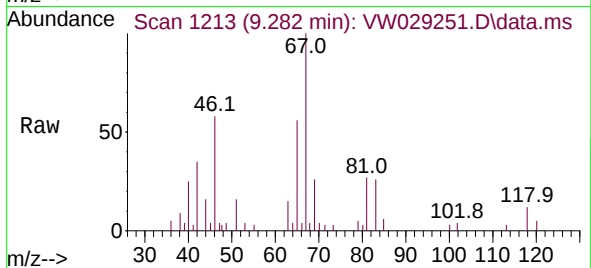
ClientSampleId :

Tgt Ion: 63 Resp: 624

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#50

1,2-Dibromoethane

Concen: 0.905 ug/L

RT: 11.367 min Scan# 1555

Delta R.T. 0.134 min

Lab File: VW029251.D

Acq: 20 Jun 2024 12:29

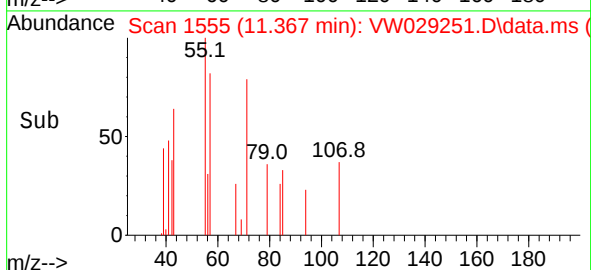
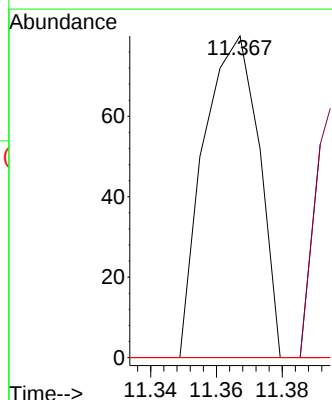
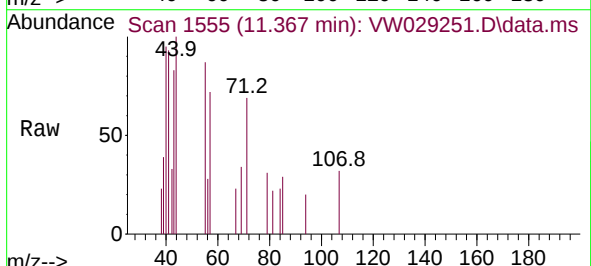
Tgt Ion: 107 Resp: 93

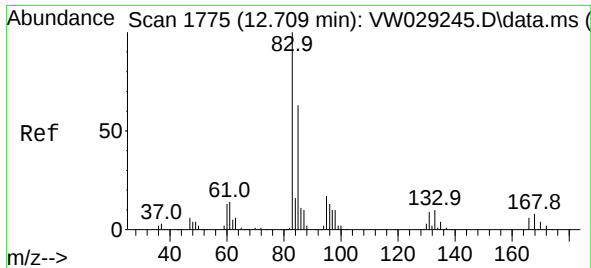
Ion Ratio Lower Upper

107 100

109 0.0 65.5 121.6#

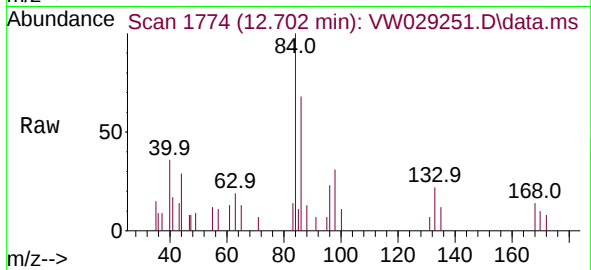
188 0.0 2.6 4.0#



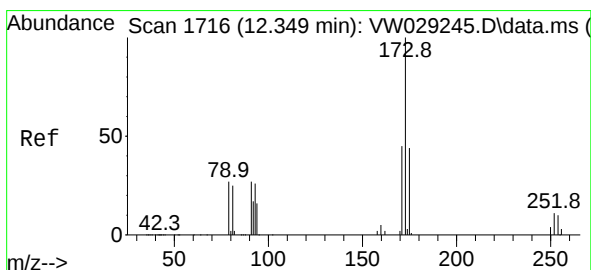
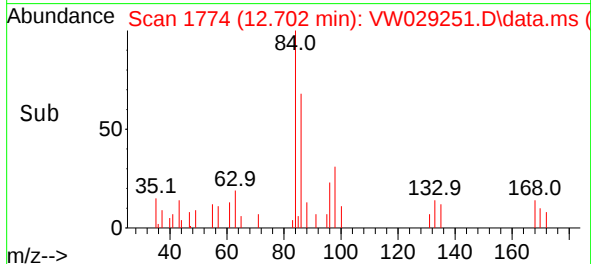
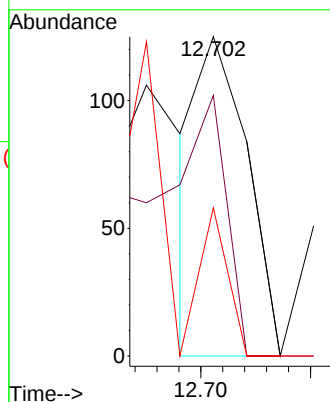


#57
1,1,2-Tetrachloroethane
Concen: 0.537 ug/L
RT: 12.702 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW029251.D
Acq: 20 Jun 2024 12:29

Instrument :
MSVOA_W
ClientSampleId :

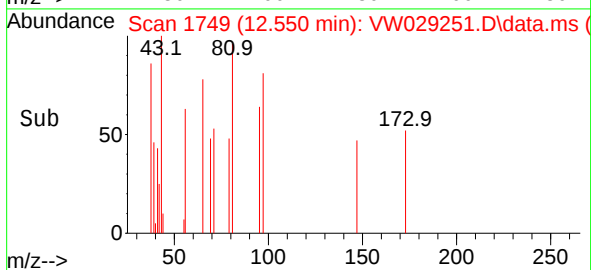
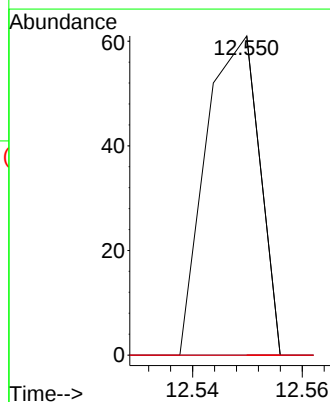
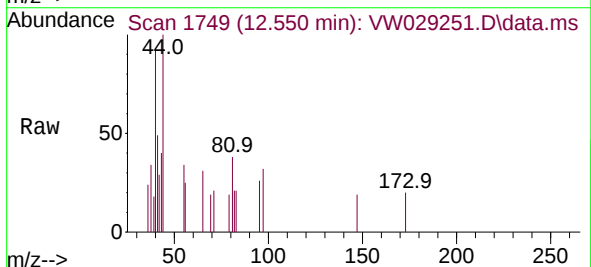


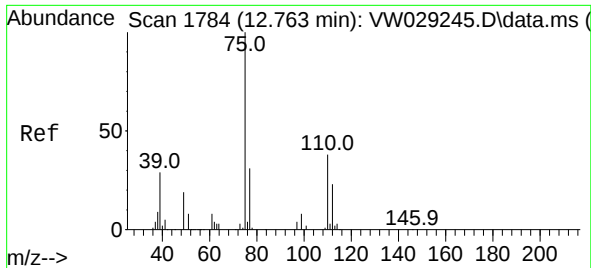
Tgt Ion: 83 Resp: 76
Ion Ratio Lower Upper
83 100
85 81.6 45.8 85.0
131 46.4 7.8 11.6#



#59
Bromoform
Concen: 0.781 ug/L
RT: 12.550 min Scan# 1749
Delta R.T. 0.201 min
Lab File: VW029251.D
Acq: 20 Jun 2024 12:29

Tgt Ion: 173 Resp: 41
Ion Ratio Lower Upper
173 100
175 0.0 37.8 56.8#
254 0.0 7.8 11.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.562 ug/L
 RT: 12.983 min Scan# 11
 Delta R.T. 0.219 min
 Lab File: VW029251.D
 Acq: 20 Jun 2024 12:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 47
 Ion Ratio Lower Upper
 75 100
 77 53.2 26.6 39.8#
 110 0.0 29.5 44.3#

