

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029755.D
 Acq On : 26 Jul 2024 16:39
 Operator : SY/MD
 Sample : P3361-07
 Misc : 8.48g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 00:57:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

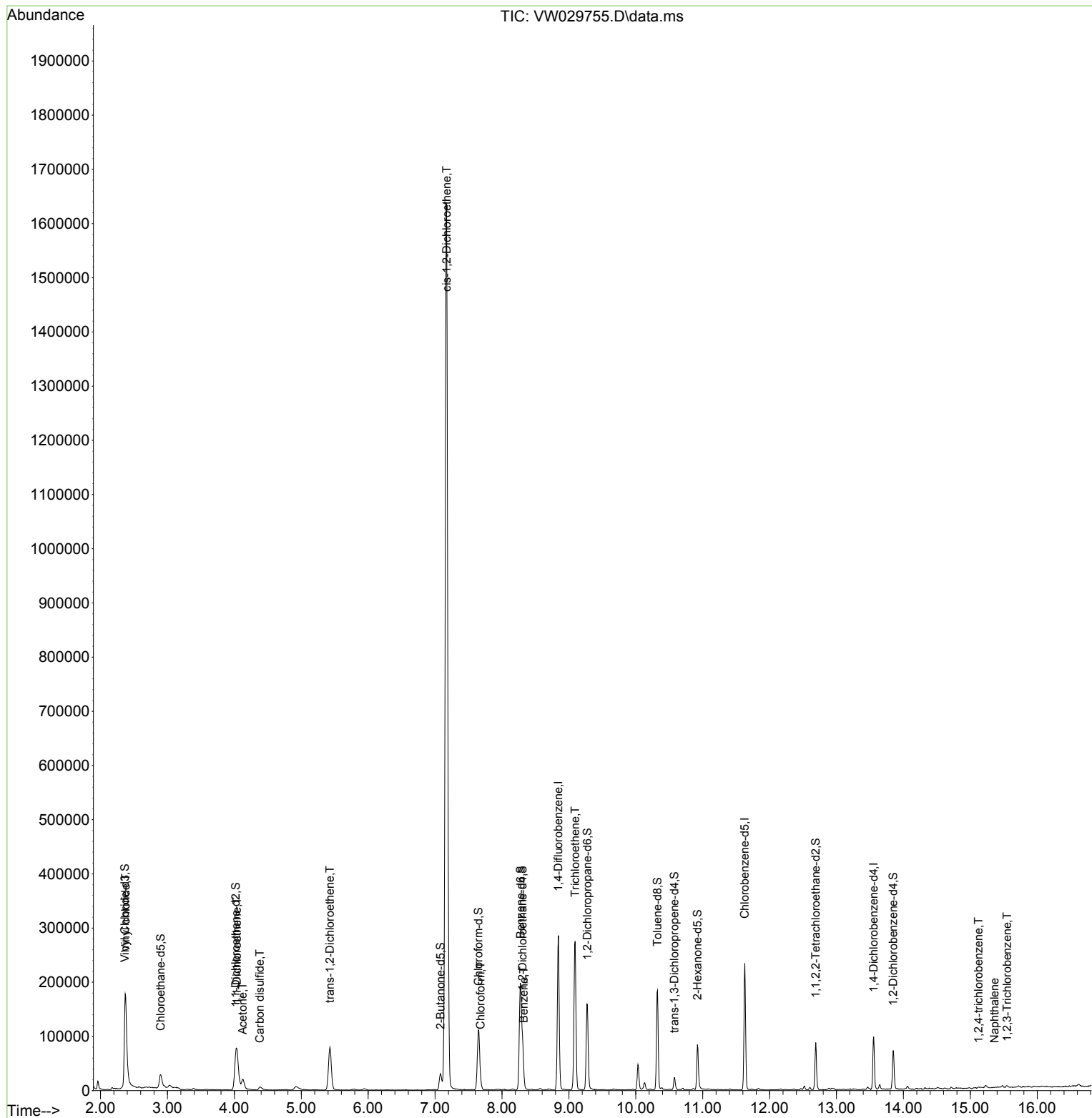
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	213975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	112752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	22804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	40919	13.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.880%
7) Chloroethane-d5	2.899	69	41142	18.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
11) 1,1-Dichloroethene-d2	4.021	65	18328	13.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.880%
21) 2-Butanone-d5	7.081	46	52127	62.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.220%
24) Chloroform-d	7.648	84	108382	19.567	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.280%
26) 1,2-Dichloroethane-d4	8.306	65	63666	20.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.720%
32) Benzene-d6	8.276	84	188378	30.921	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.680%
36) 1,2-Dichloropropane-d6	9.276	67	72483	37.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.040%#
41) Toluene-d8	10.324	98	115215	21.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.080%
43) trans-1,3-Dichloroprop...	10.574	79	12244	15.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.200%
47) 2-Hexanone-d5	10.922	63	26742	83.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.740%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	40895	28.313	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	15419	21.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.120%
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	239072	59.782	ug/L	98
12) 1,1-Dichloroethene	4.039	96	26731	9.144	ug/L #	73
13) Acetone	4.124	43	30804	29.771	ug/L	98
14) Carbon disulfide	4.380	76	12473	1.282	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	44422	14.102	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	902953	264.257	ug/L	93
25) Chloroform	7.679	83	9275	1.482	ug/L	93
33) Benzene	8.325	78	6556	0.849	ug/L	100
34) Trichloroethene	9.093	95	93096	45.968	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	314	0.362	ug/L #	14
71) Naphthalene	15.360	128	922	0.557	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.549	180	473	0.602	ug/L #	60

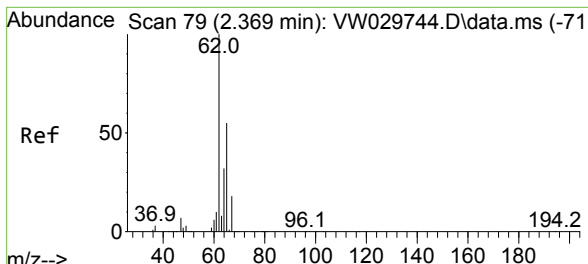
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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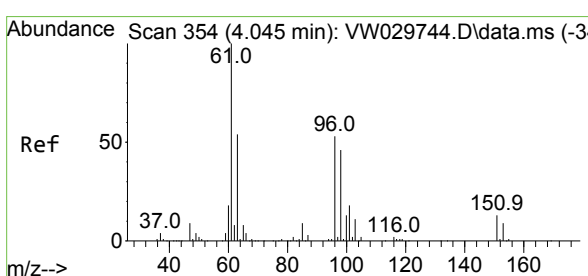
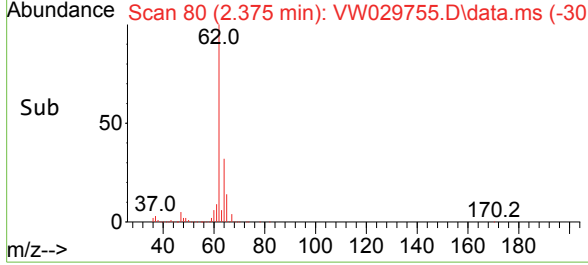
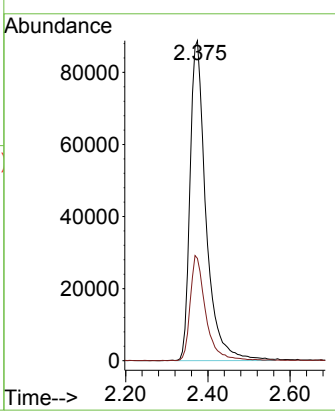
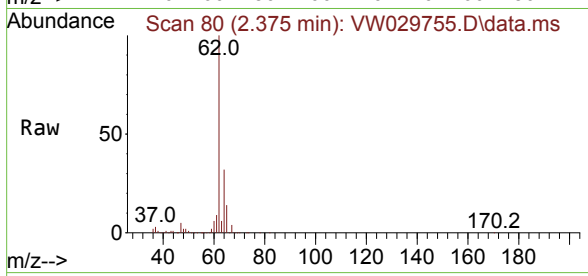


#5
 Vinyl chloride
 Concen: 59.782 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029755.D
 Acq: 26 Jul 2024 16:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 62 Resp: 239072

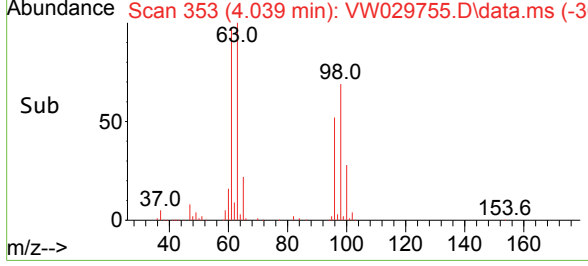
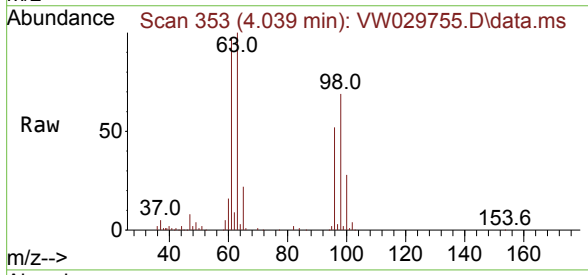
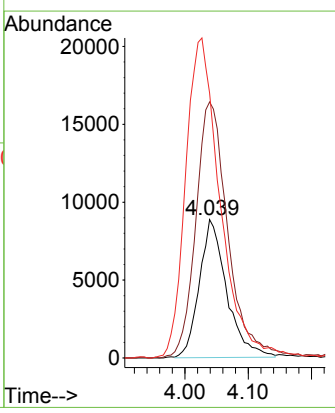
Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.2	43.2

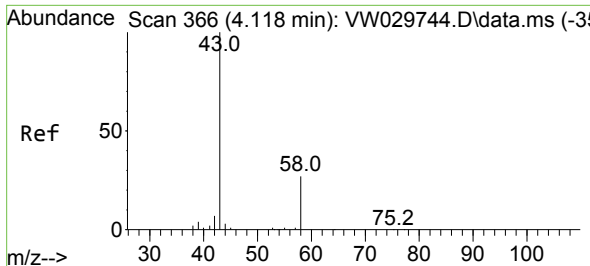


#12
 1,1-Dichloroethene
 Concen: 9.144 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW029755.D
 Acq: 26 Jul 2024 16:39

Tgt Ion: 96 Resp: 26731

Ion	Ratio	Lower	Upper
96	100		
61	184.9	138.3	256.9
63	191.3	89.0	165.4





#13

Acetone

Concen: 29.771 ug/L

RT: 4.124 min Scan# 30

Delta R.T. 0.006 min

Lab File: VW029755.D

Acq: 26 Jul 2024 16:39

Instrument :

MSVOA_W

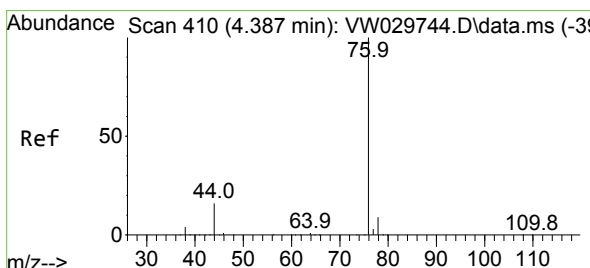
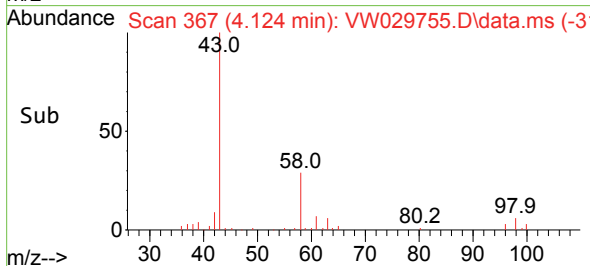
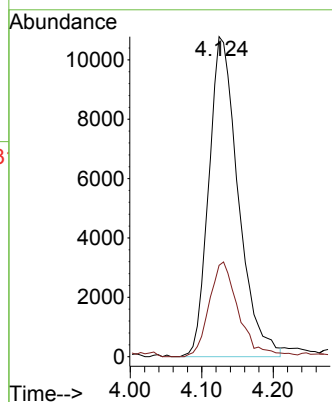
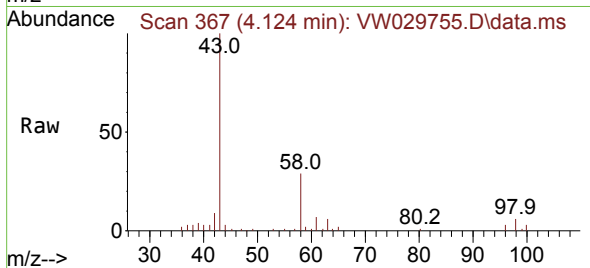
ClientSampleId :

Tgt Ion: 43 Resp: 30804

Ion Ratio Lower Upper

43 100

58 27.8 0.0 57.6



#14

Carbon disulfide

Concen: 1.282 ug/L

RT: 4.380 min Scan# 409

Delta R.T. -0.006 min

Lab File: VW029755.D

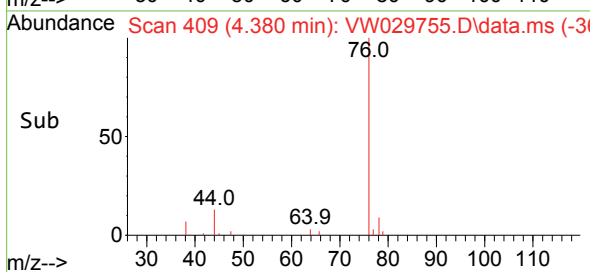
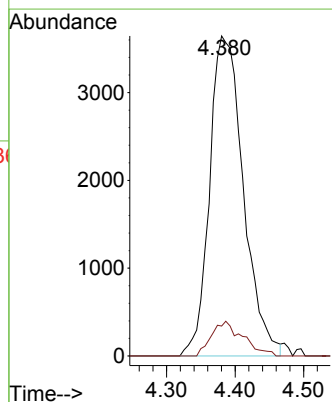
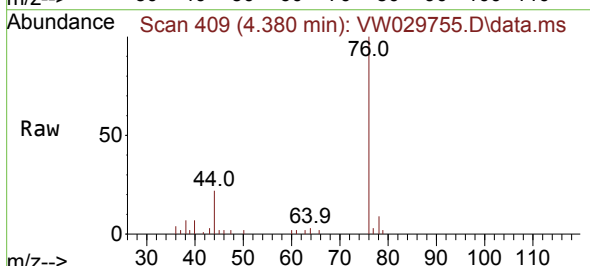
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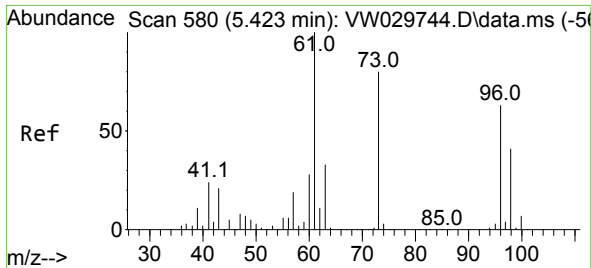
Tgt Ion: 76 Resp: 12473

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4

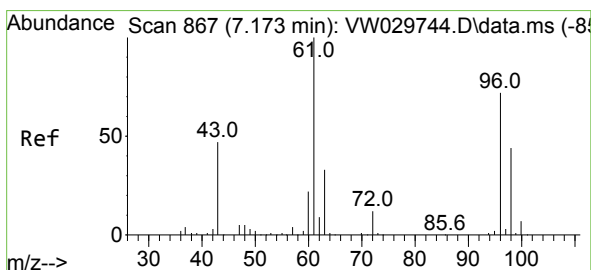
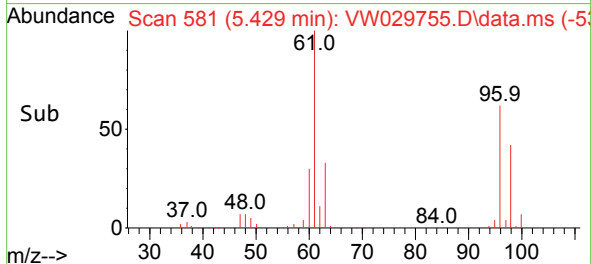
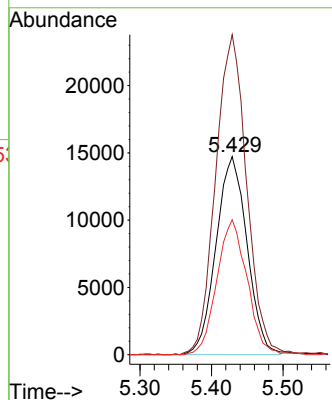
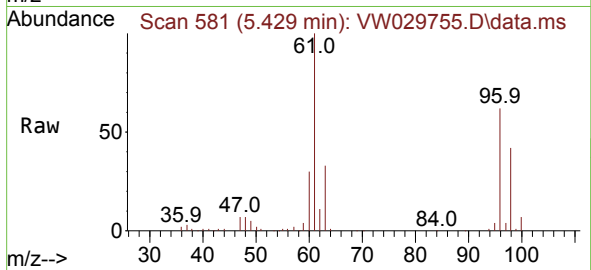




#17
trans-1,2-Dichloroethene
Concen: 14.102 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029755.D
Acq: 26 Jul 2024 16:39

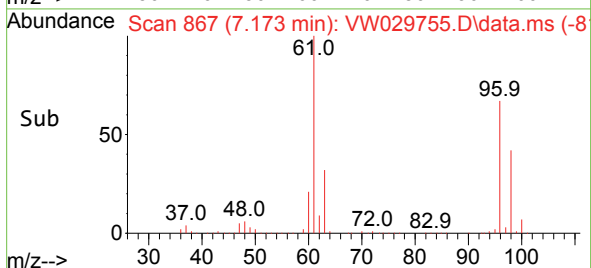
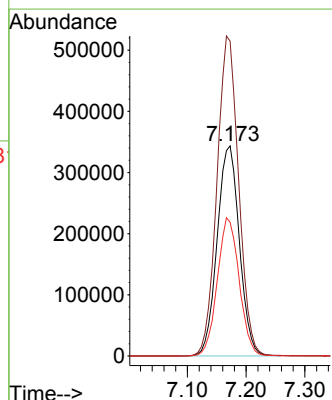
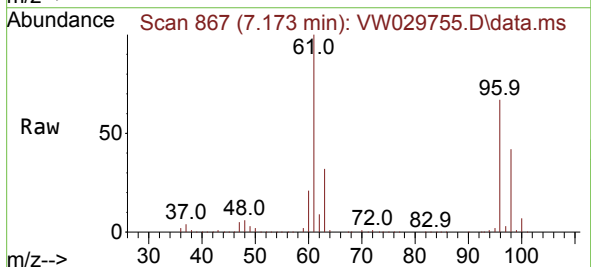
Instrument :
MSVOA_W
ClientSampleId :

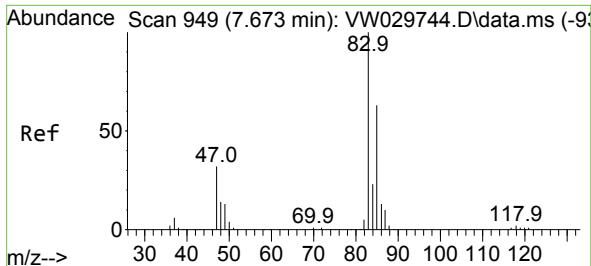
Tgt Ion: 96 Resp: 44422
Ion Ratio Lower Upper
96 100
61 161.6 111.2 206.6
98 68.1 45.0 83.6



#20
cis-1,2-Dichloroethene
Concen: 264.257 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029755.D
Acq: 26 Jul 2024 16:39

Tgt Ion: 96 Resp: 902953
Ion Ratio Lower Upper
96 100
61 149.8 98.2 182.4
98 63.6 41.9 77.9





#25

Chloroform

Concen: 1.482 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW029755.D

Acq: 26 Jul 2024 16:39

Instrument :

MSVOA_W

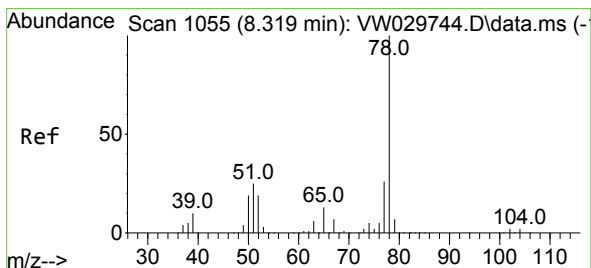
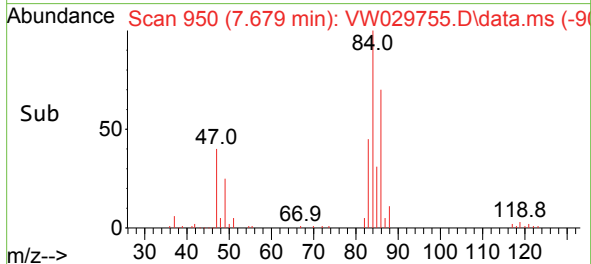
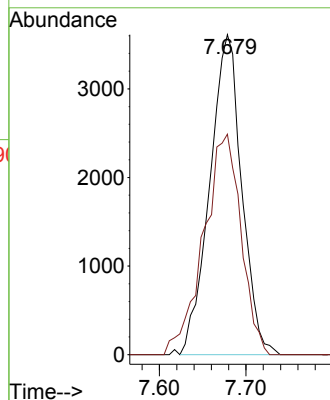
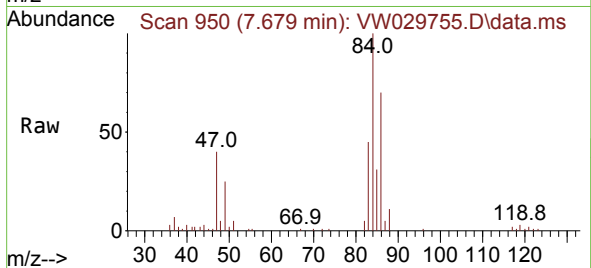
ClientSampleId :

Tgt Ion: 83 Resp: 9275

Ion Ratio Lower Upper

83 100

85 68.9 44.4 82.4



#33

Benzene

Concen: 0.849 ug/L

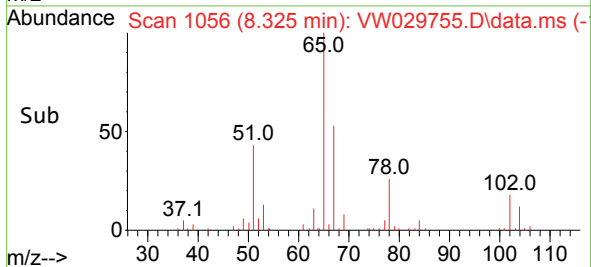
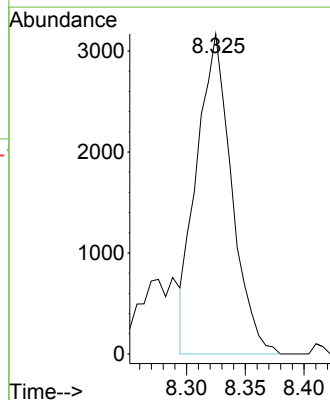
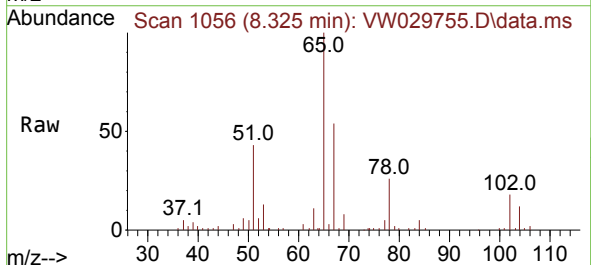
RT: 8.325 min Scan# 1056

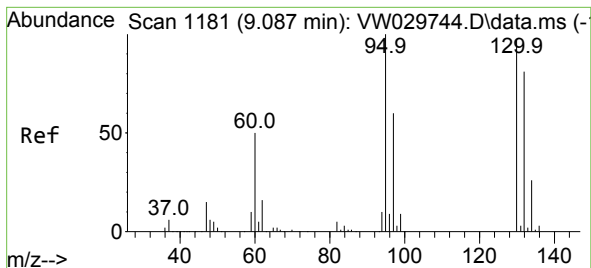
Delta R.T. 0.006 min

Lab File: VW029755.D

Acq: 26 Jul 2024 16:39

Tgt Ion: 78 Resp: 6556





#34

Trichloroethene

Concen: 45.968 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029755.D

Acq: 26 Jul 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 93096

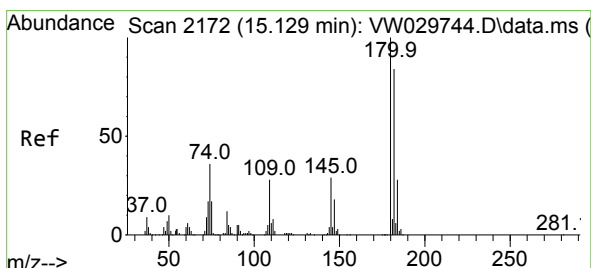
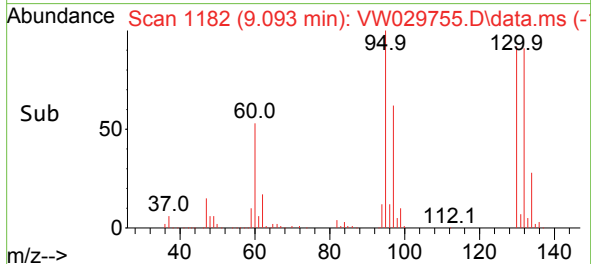
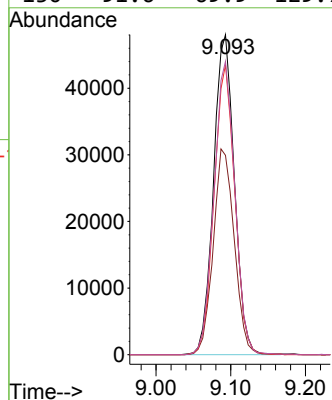
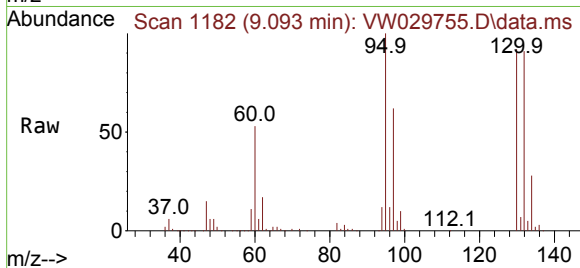
Ion Ratio Lower Upper

95 100

97 62.3 45.6 84.8

132 90.6 65.2 121.0

130 91.6 69.9 129.7



#70

1,2,4-trichlorobenzene

Concen: 0.362 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029755.D

Acq: 26 Jul 2024 16:39

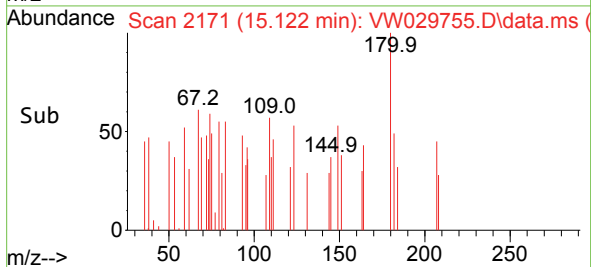
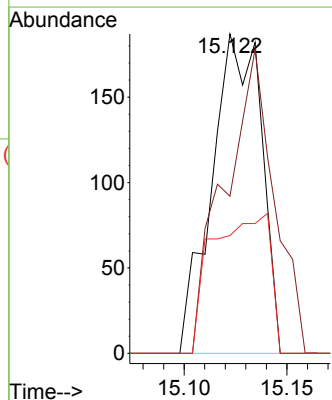
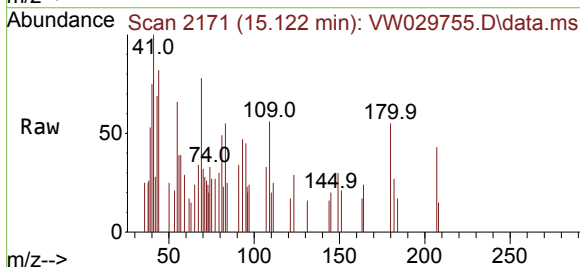
Tgt Ion:180 Resp: 314

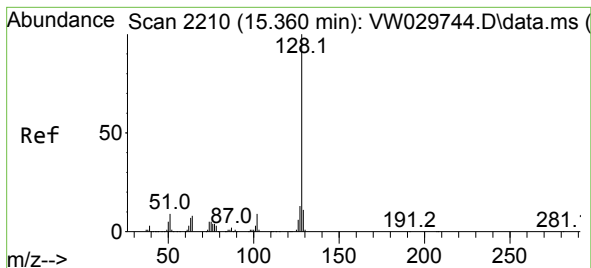
Ion Ratio Lower Upper

180 100

182 0.0 80.2 120.4#

145 8.0 26.3 39.5#





#71

Naphthalene

Concen: 0.557 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029755.D

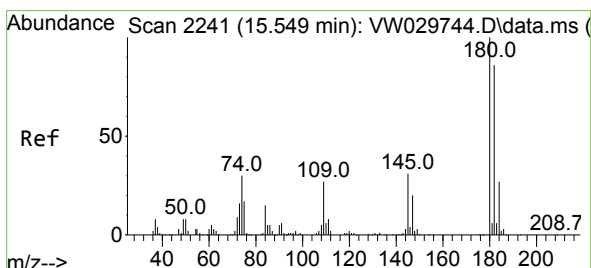
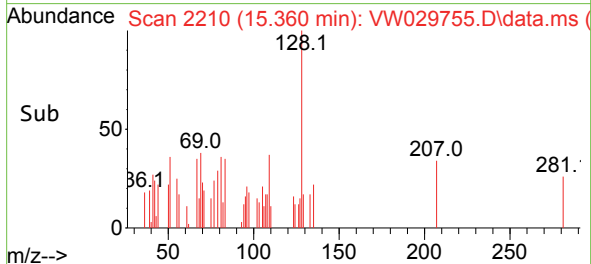
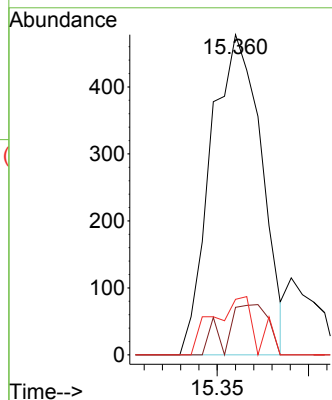
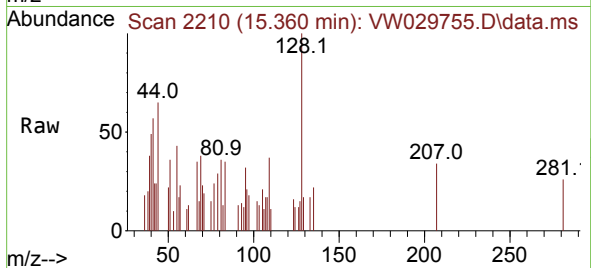
Acq: 26 Jul 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	922
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.7 16.1#
129	6.7	8.9 13.3#



#72

1,2,3-Trichlorobenzene

Concen: 0.602 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029755.D

Acq: 26 Jul 2024 16:39

Tgt Ion:180	Resp:	473
Ion Ratio	Lower	Upper
180	100	
182	50.7	74.0 111.0#
145	16.1	27.5 41.3#

