

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029561.D
 Acq On : 12 Jul 2024 19:32
 Operator : SY/MD
 Sample : P3230-06
 Misc : 7.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 23:29:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

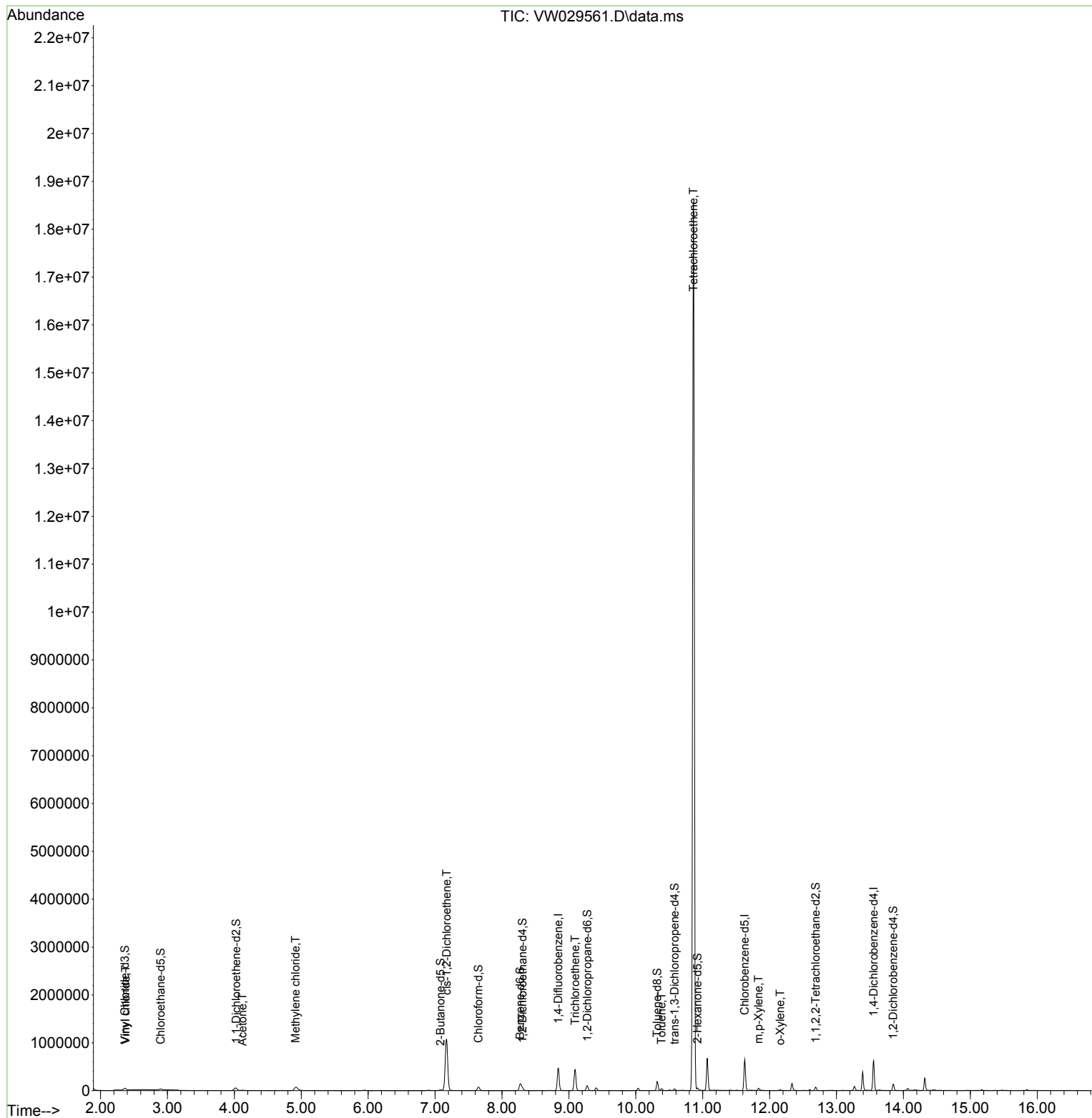
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	382150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334314	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	155113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	39617	6.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.680%#
7) Chloroethane-d5	2.899	69	28613	6.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.760%#
11) 1,1-Dichloroethene-d2	4.027	65	17872	6.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.800%#
21) 2-Butanone-d5	7.081	46	23742	12.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.620%
24) Chloroform-d	7.648	84	72716	6.582	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	26.320%#
26) 1,2-Dichloroethane-d4	8.307	65	43032	6.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	26.560%#
32) Benzene-d6	8.270	84	144423	7.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	28.840%
36) 1,2-Dichloropropane-d6	9.276	67	46403	7.247	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	29.000%#
41) Toluene-d8	10.319	98	119127	6.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	27.040%#
43) trans-1,3-Dichloroprop...	10.581	79	16537	6.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	24.400%#
47) 2-Hexanone-d5	10.922	63	15669	13.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	36143	6.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	27.800%#
66) 1,2-Dichlorobenzene-d4	13.848	152	33040	6.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	24.480%#
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	12866	2.252	ug/L	96
13) Acetone	4.118	43	14483	7.743	ug/L	48
16) Methylene chloride	4.917	84	63094	9.222	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	619625	107.706	ug/L	94
34) Trichloroethene	9.093	95	155320	28.119	ug/L	98
42) Toluene	10.386	91	26197	1.224	ug/L	99
46) Tetrachloroethene	10.861	164	3932662	1002.134	ug/L	88
53) m,p-Xylene	11.837	106	6701	0.753	ug/L	85
54) o-Xylene	12.160	106	3168	0.385	ug/L	86

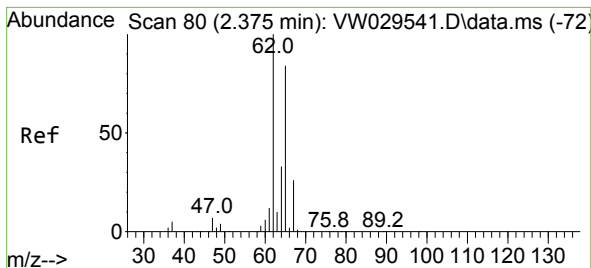
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.252 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029561.D

Acq: 12 Jul 2024 19:32

Instrument :

MSVOA_W

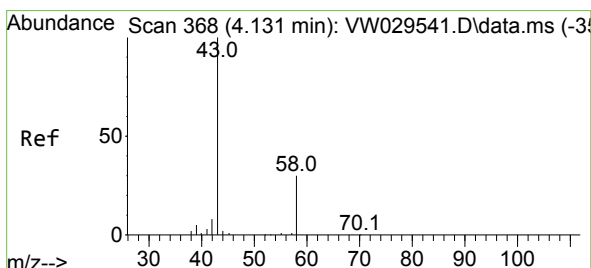
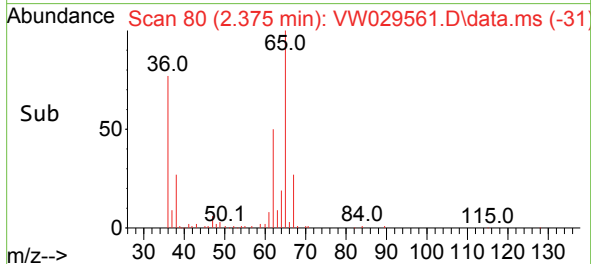
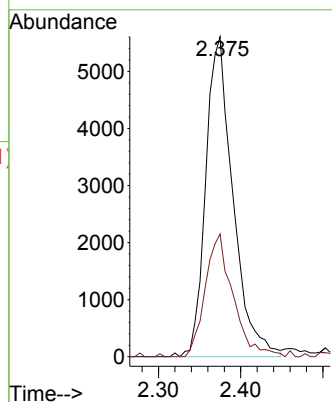
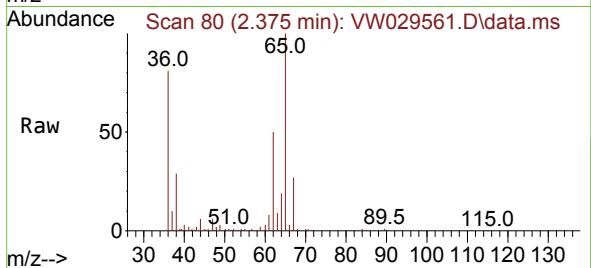
ClientSampleId :

Tgt Ion: 62 Resp: 12866

Ion Ratio Lower Upper

62 100

64 38.3 25.1 46.5



#13

Acetone

Concen: 7.743 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.012 min

Lab File: VW029561.D

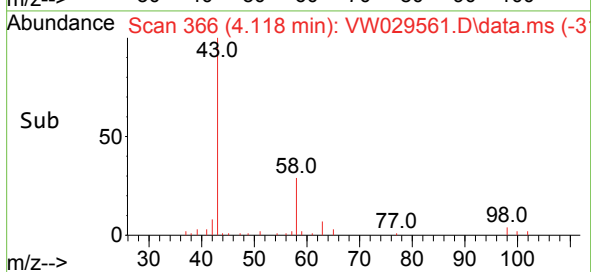
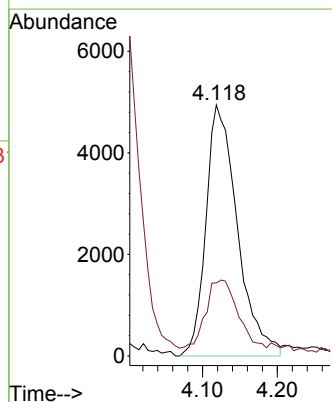
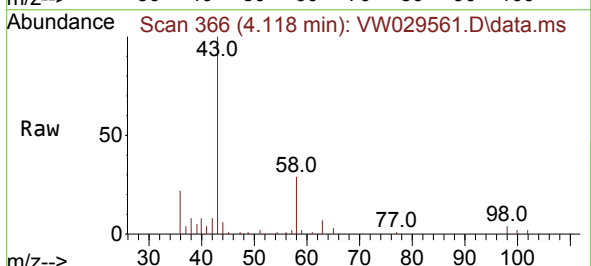
Acq: 12 Jul 2024 19:32

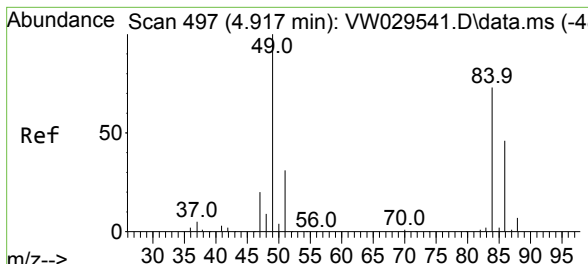
Tgt Ion: 43 Resp: 14483

Ion Ratio Lower Upper

43 100

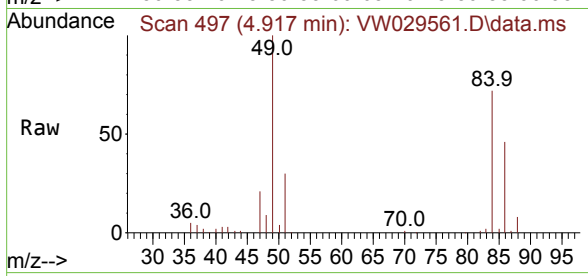
58 0.4 0.0 55.6





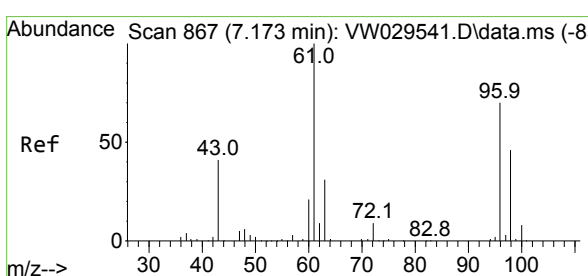
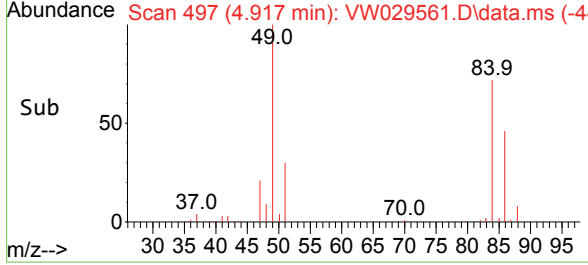
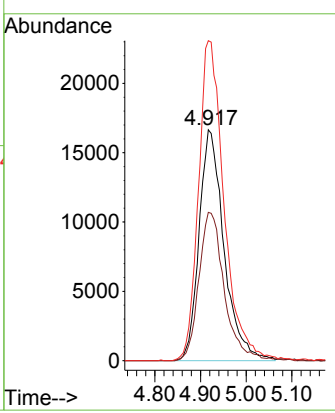
#16
 Methylene chloride
 Concen: 9.222 ug/L
 RT: 4.917 min Scan# 497
 Delta R.T. -0.000 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 84 Resp: 63094

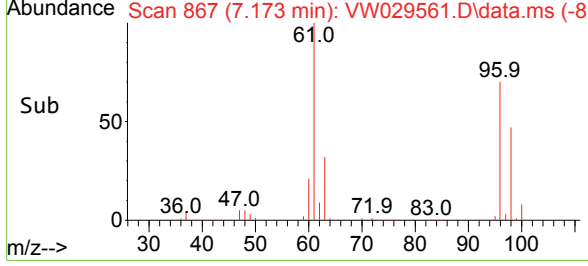
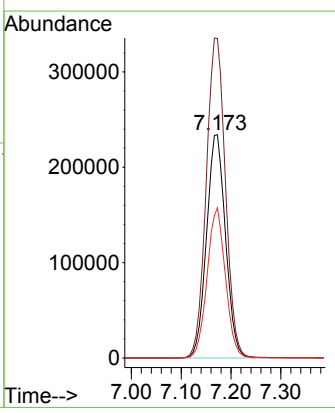
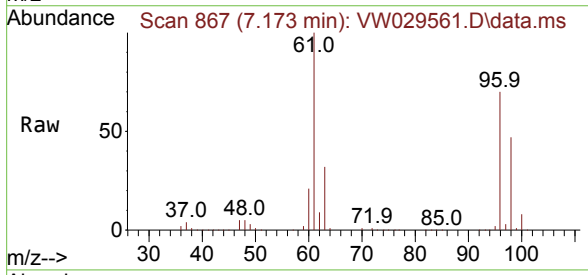
Ion	Ratio	Lower	Upper
84	100		
86	64.3	46.2	85.8
49	138.6	96.7	179.7

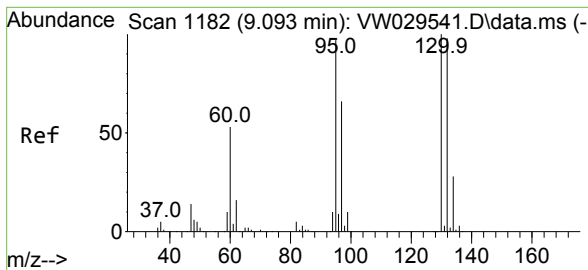


#20
 cis-1,2-Dichloroethene
 Concen: 107.706 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

Tgt Ion: 96 Resp: 619625

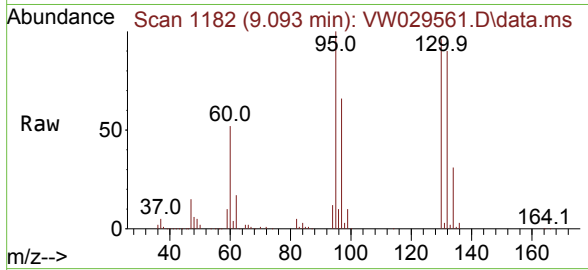
Ion	Ratio	Lower	Upper
96	100		
61	143.2	97.4	180.8
98	67.4	41.6	77.2



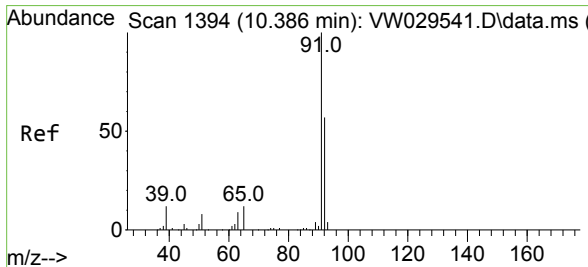
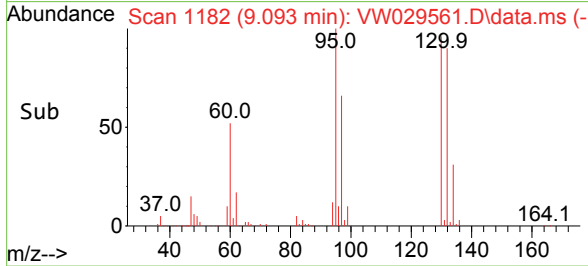
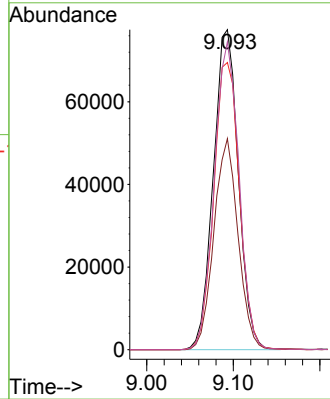


#34
 Trichloroethene
 Concen: 28.119 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

Instrument :
 MSVOA_W
 ClientSampleId :

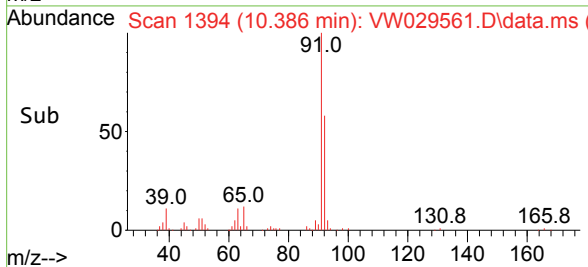
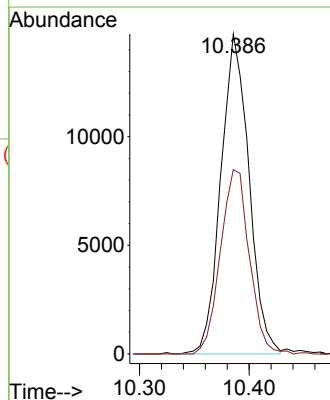
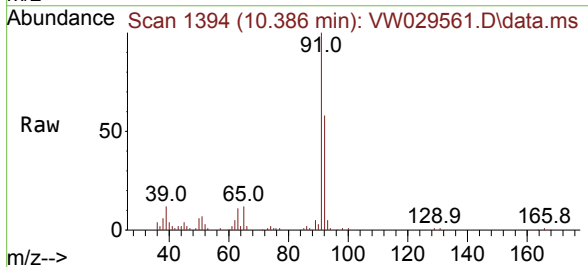


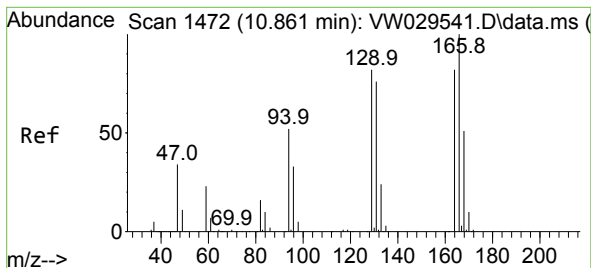
Tgt Ion: 95 Resp: 155320
 Ion Ratio Lower Upper
 95 100
 97 66.0 47.3 87.9
 132 89.7 65.8 122.2
 130 96.2 67.8 125.8



#42
 Toluene
 Concen: 1.224 ug/L
 RT: 10.386 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

Tgt Ion: 91 Resp: 26197
 Ion Ratio Lower Upper
 91 100
 92 57.6 41.1 76.3





#46

Tetrachloroethene

Concen: 1002.134 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

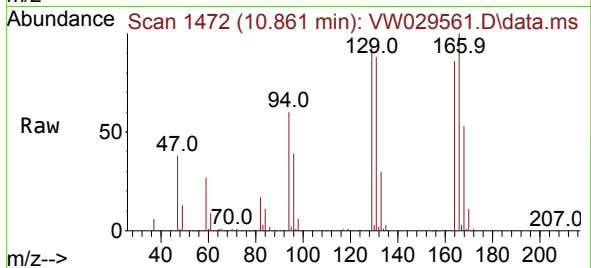
Lab File: VW029561.D

Acq: 12 Jul 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 3932662

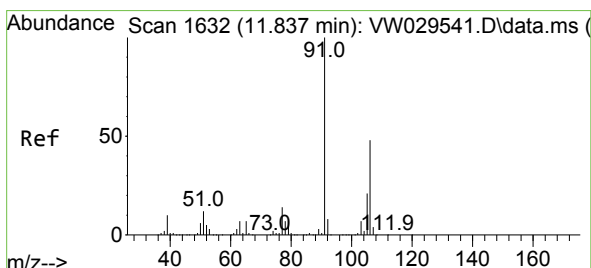
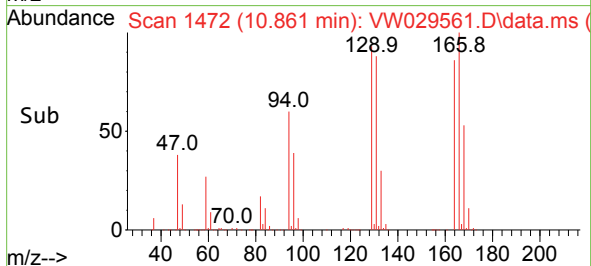
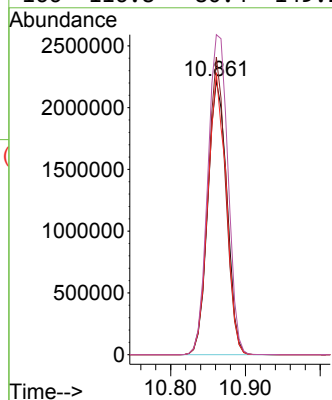
Ion Ratio Lower Upper

164 100

129 108.6 60.0 111.4

131 102.9 64.6 120.0

166 116.8 80.4 149.2



#53

m,p-Xylene

Concen: 0.753 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029561.D

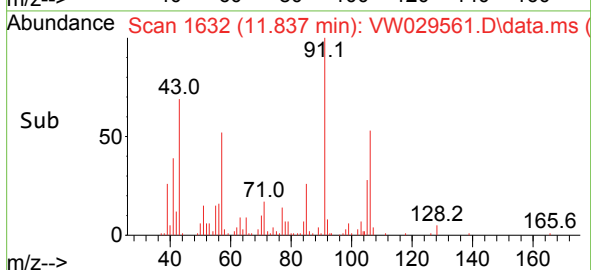
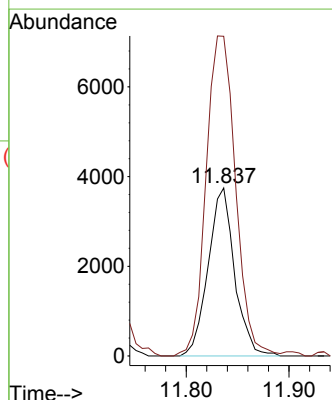
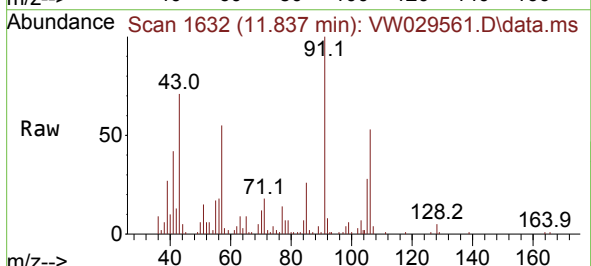
Acq: 12 Jul 2024 19:32

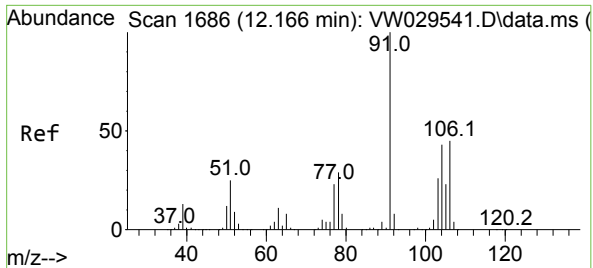
Tgt Ion:106 Resp: 6701

Ion Ratio Lower Upper

106 100

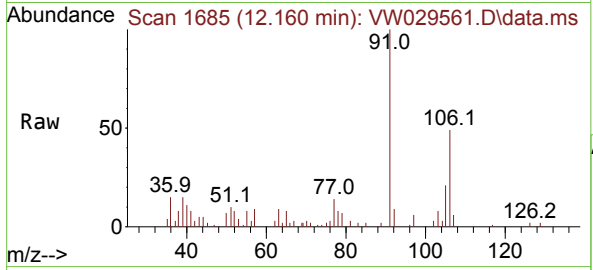
91 190.2 149.3 277.3





#54
 o-Xylene
 Concen: 0.385 ug/L
 RT: 12.160 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW029561.D
 Acq: 12 Jul 2024 19:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	106	Resp:	3168
Ion Ratio	Lower	Upper	
106	100		
91	204.8	159.2	295.6

