

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029757.D
 Acq On : 26 Jul 2024 17:27
 Operator : SY/MD
 Sample : P3361-09
 Misc : 8.37g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 00:57:39 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)

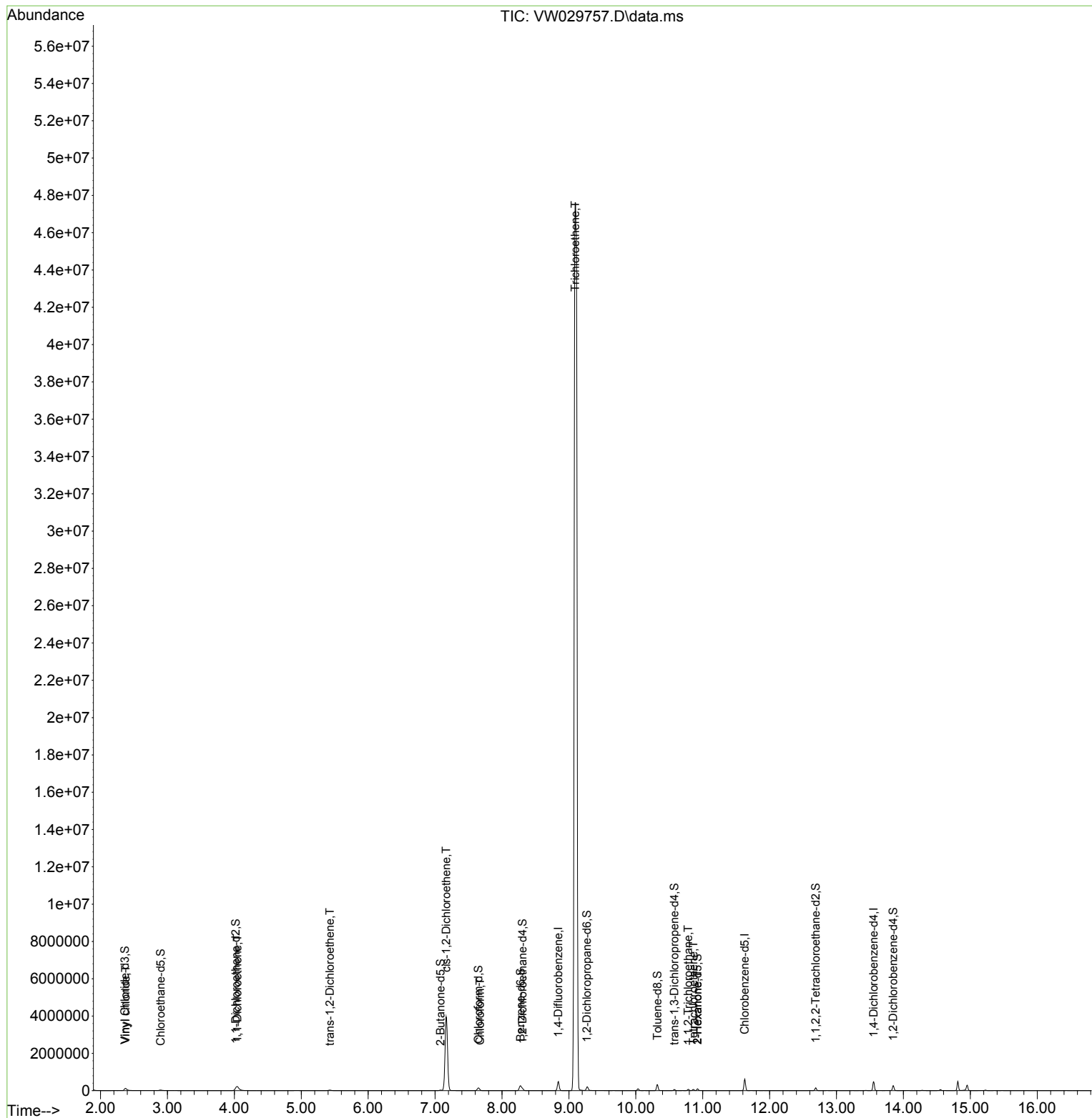
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49726	9.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.200%
7) Chloroethane-d5	2.899	69	44969	12.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.360%
11) 1,1-Dichloroethene-d2	4.021	65	25742	10.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.320%#
21) 2-Butanone-d5	7.081	46	48525	33.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.980%
24) Chloroform-d	7.648	84	144895	15.256	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.040%
26) 1,2-Dichloroethane-d4	8.307	65	86441	15.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.920%#
32) Benzene-d6	8.276	84	254075	15.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.240%
36) 1,2-Dichloropropane-d6	9.270	67	87734	16.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.240%#
41) Toluene-d8	10.325	98	205684	13.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.760%
43) trans-1,3-Dichloroprop...	10.575	79	30867	14.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.560%
47) 2-Hexanone-d5	10.922	63	30448	34.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73653	18.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	62176	17.433	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.720%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.375	62	159380	23.244	ug/L	96
12) 1,1-Dichloroethene	4.045	96	124356	24.811	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	16864	3.122	ug/L	93
20) cis-1,2-Dichloroethene	7.167	96	2227280	380.165	ug/L	94
25) Chloroform	7.673	83	4065	0.379	ug/L	97
34) Trichloroethene	9.093	95	15441138	2798.775	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	19936	5.145	ug/L	99
46) Tetrachloroethene	10.861	164	12213	3.046	ug/L	96
48) 2-Hexanone	10.922	43	4566	1.664	ug/L #	70

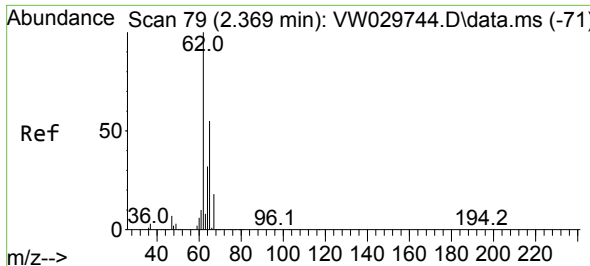
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Jul 27 00:53:25 2024
Response via : Initial Calibration

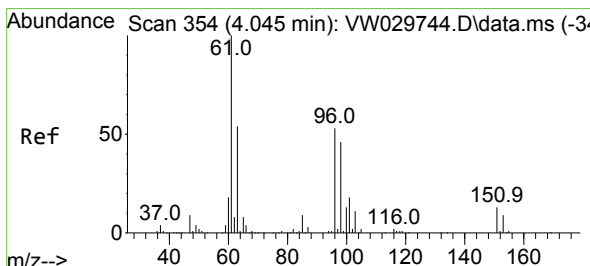
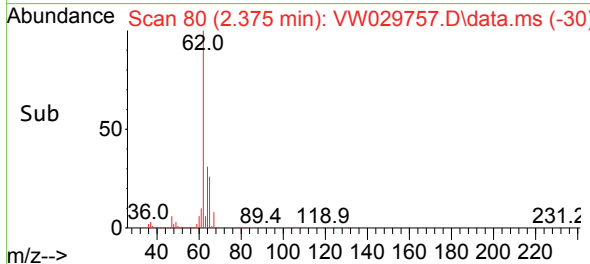
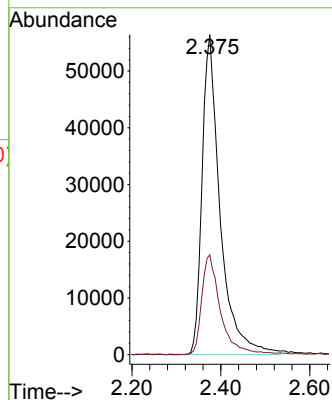
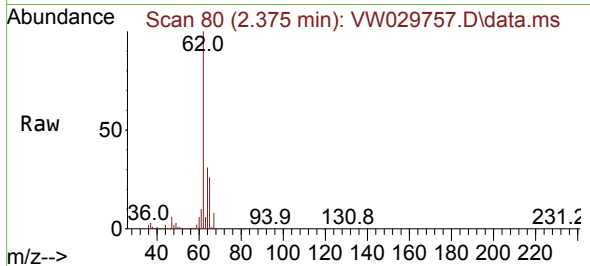




#5
 Vinyl chloride
 Concen: 23.244 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029757.D
 Acq: 26 Jul 2024 17:27

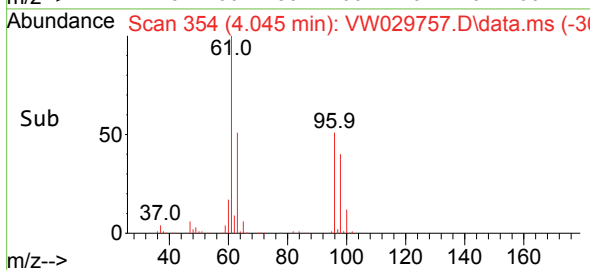
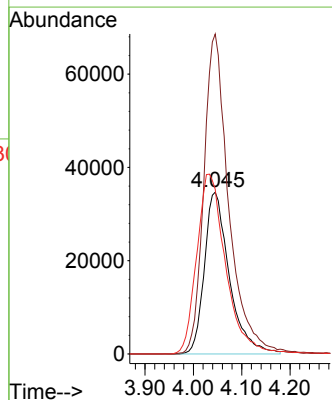
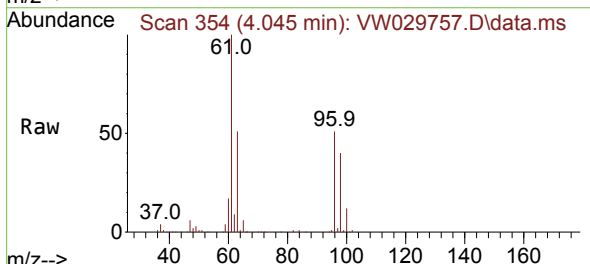
Instrument :
 MSVOA_W
 ClientSampleId :

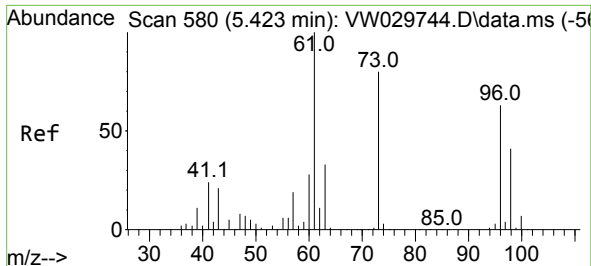
Tgt Ion: 62 Resp: 159380
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 24.811 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW029757.D
 Acq: 26 Jul 2024 17:27

Tgt Ion: 96 Resp: 124356
 Ion Ratio Lower Upper
 96 100
 61 197.8 138.3 256.9
 63 101.7 89.0 165.4





#17

trans-1,2-Dichloroethene

Concen: 3.122 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029757.D

Acq: 26 Jul 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

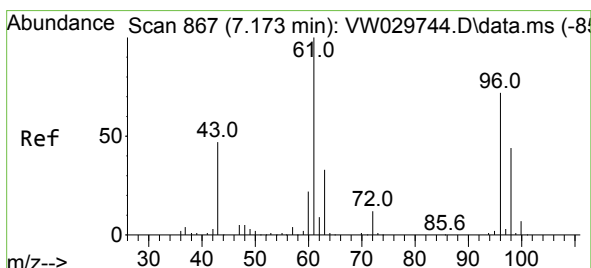
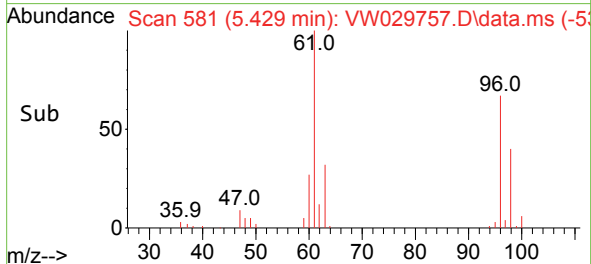
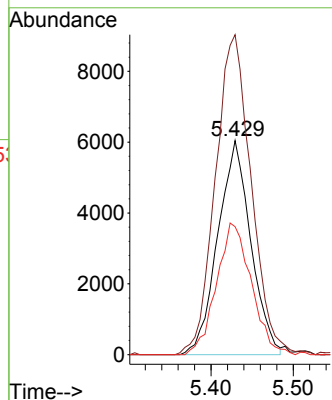
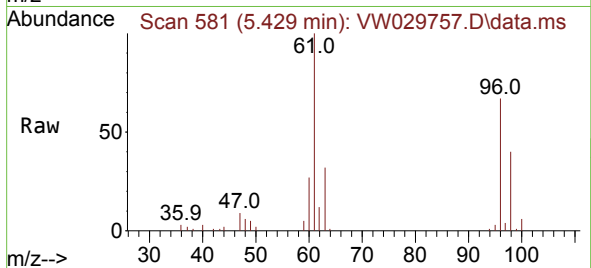
Tgt Ion: 96 Resp: 16864

Ion Ratio Lower Upper

96 100

61 149.5 111.2 206.6

98 59.8 45.0 83.6



#20

cis-1,2-Dichloroethene

Concen: 380.165 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029757.D

Acq: 26 Jul 2024 17:27

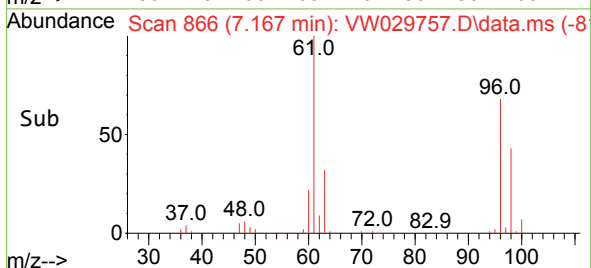
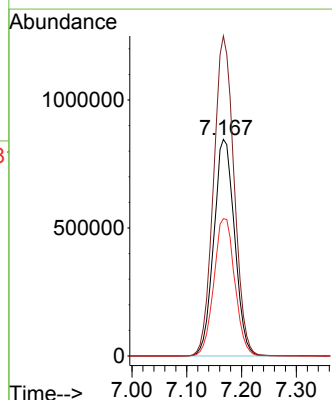
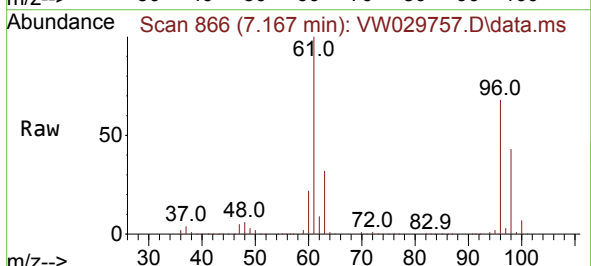
Tgt Ion: 96 Resp: 2227280

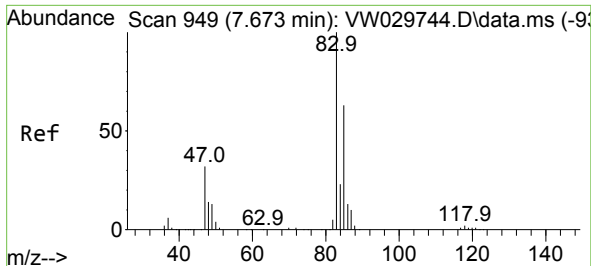
Ion Ratio Lower Upper

96 100

61 147.7 98.2 182.4

98 63.4 41.9 77.9

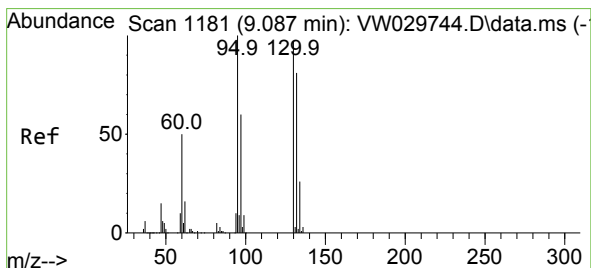
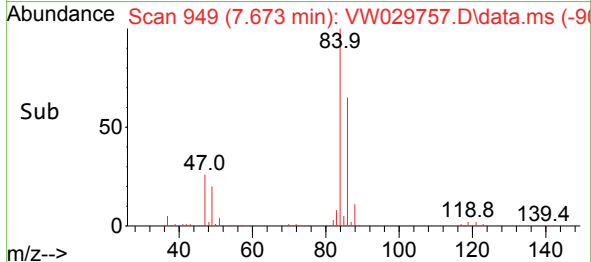
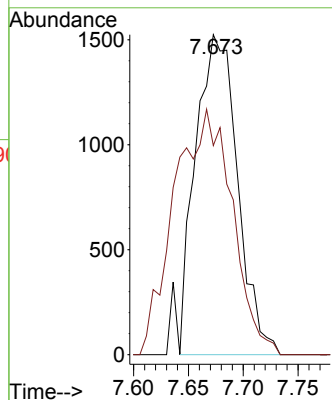
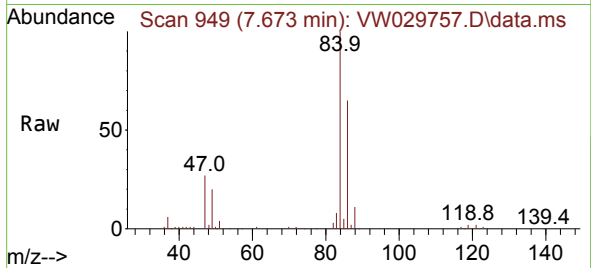




#25
Chloroform
Concen: 0.379 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27

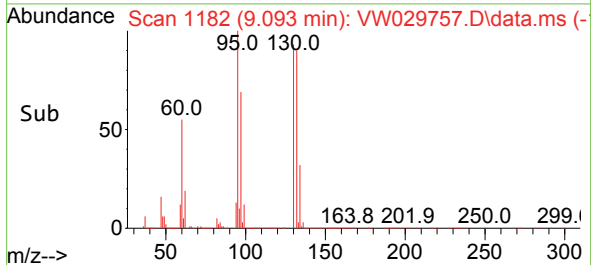
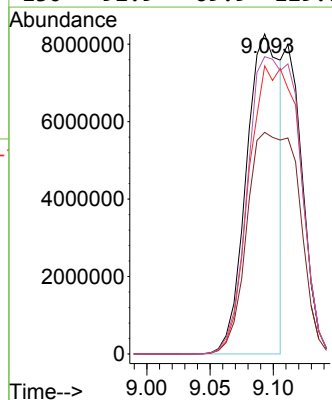
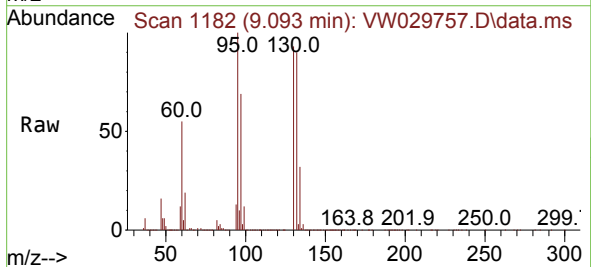
Instrument :
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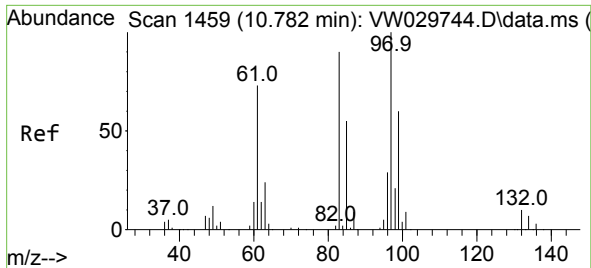
Tgt Ion: 83 Resp: 4065
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4



#34
Trichloroethene
Concen: 2798.775 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27

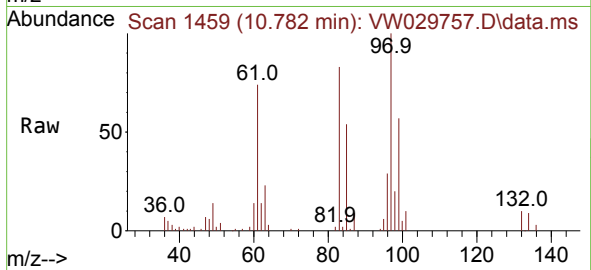
Tgt Ion: 95 Resp: 15441138
Ion Ratio Lower Upper
95 100
97 69.2 45.6 84.8
132 90.0 65.2 121.0
130 92.9 69.9 129.7



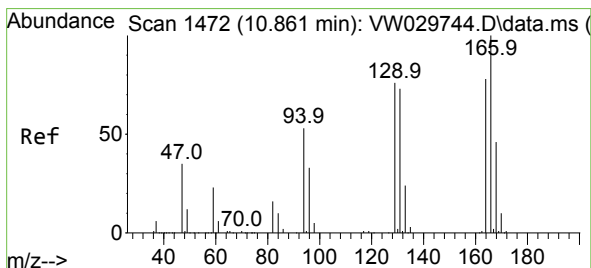
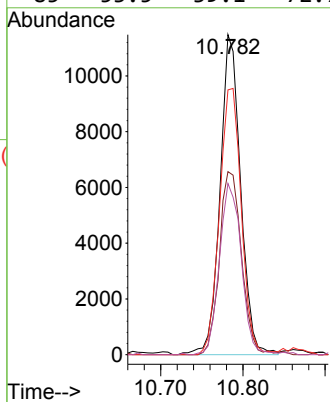
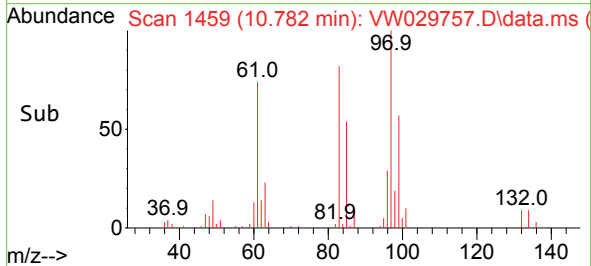


#45
1,1,2-Trichloroethane
Concen: 5.145 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27

Instrument :
MSVOA_W
ClientSampleId :

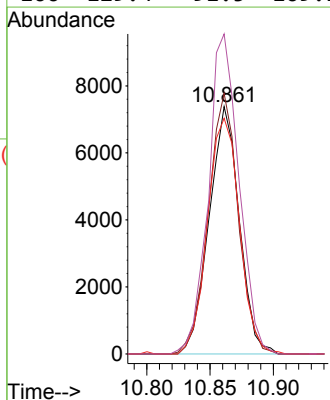
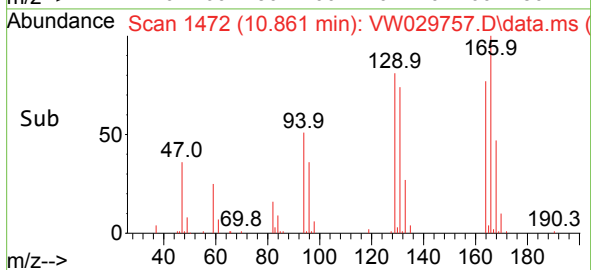
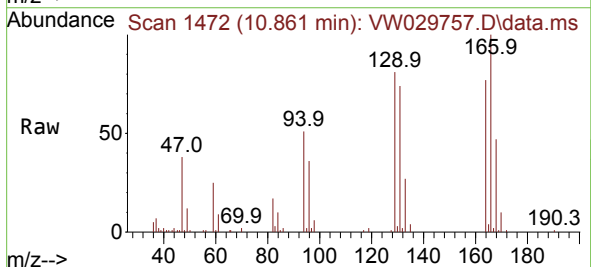


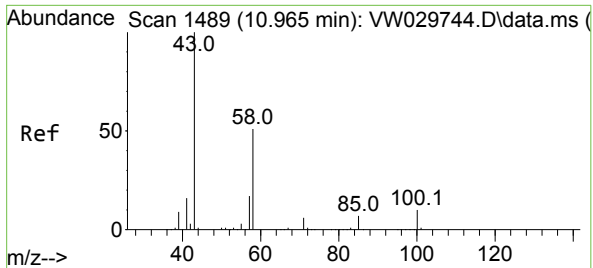
Tgt Ion:	97	Resp:	19936
Ion	Ratio	Lower	Upper
97	100		
99	57.2	40.1	74.5
83	82.8	58.5	108.7
85	53.5	39.1	72.7



#46
Tetrachloroethene
Concen: 3.046 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029757.D
Acq: 26 Jul 2024 17:27

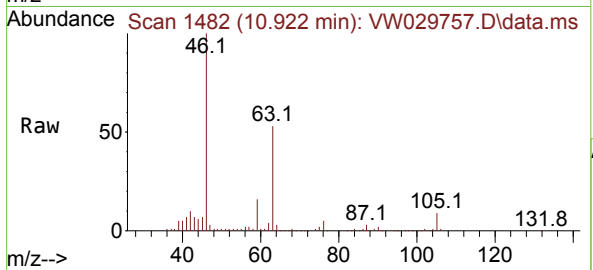
Tgt Ion:	164	Resp:	12213
Ion	Ratio	Lower	Upper
164	100		
129	105.4	77.8	144.6
131	95.3	70.9	131.7
166	129.4	91.5	169.9





#48
 2-Hexanone
 Concen: 1.664 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW029757.D
 Acq: 26 Jul 2024 17:27

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 4566
Ion Ratio	Lower Upper
43	100
58	30.1 41.0 61.4#
57	32.8 14.1 21.1#
100	2.6 8.0 12.0#

