

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029754.D
 Acq On : 26 Jul 2024 16:15
 Operator : SY/MD
 Sample : P3361-04
 Misc : 9.20g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 00:56:47 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)

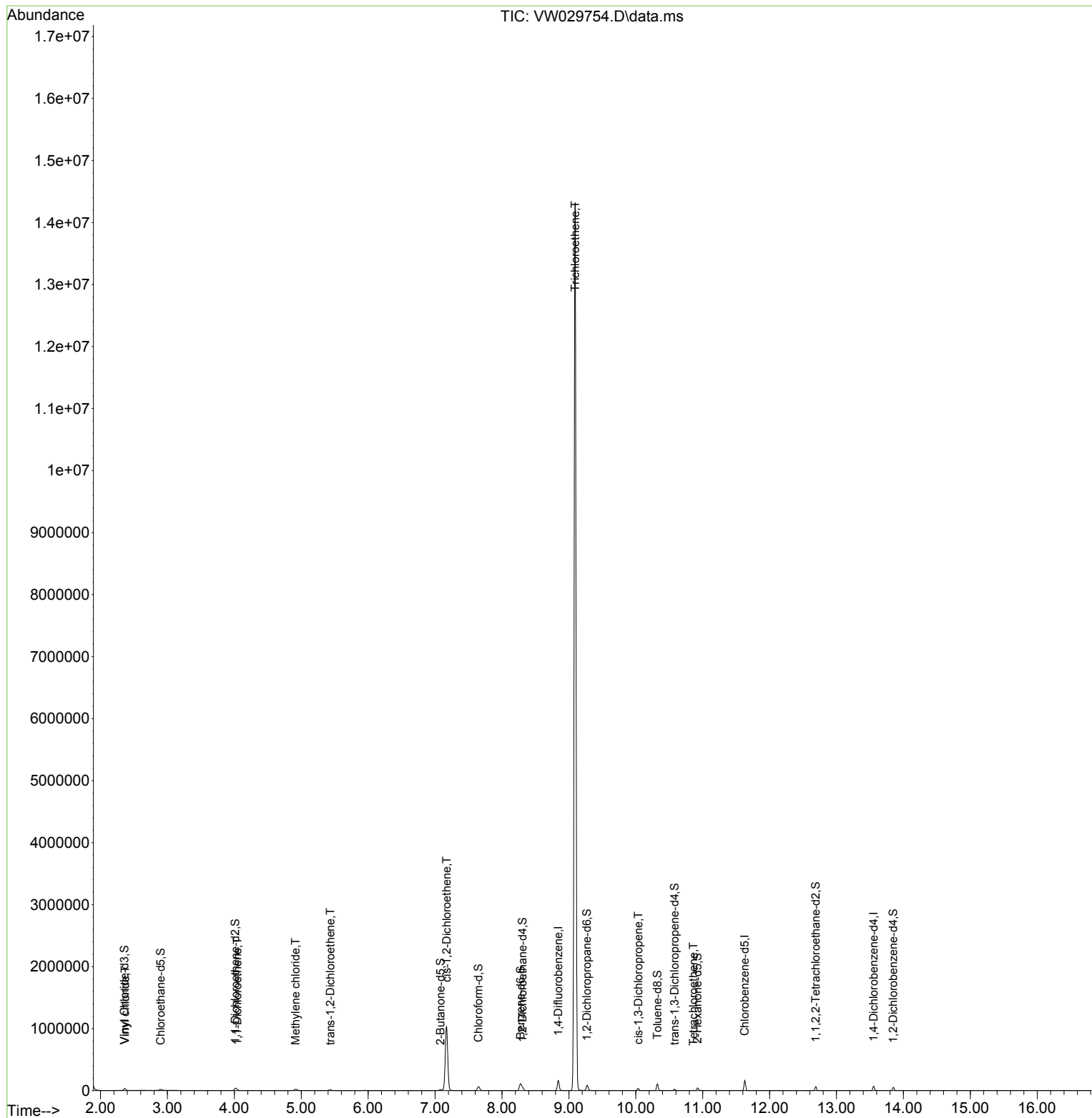
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	123077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	81664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	16147	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	24997	14.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.240%
7) Chloroethane-d5	2.899	69	22504	18.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
11) 1,1-Dichloroethene-d2	4.015	65	12246	15.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.400%
21) 2-Butanone-d5	7.081	46	25496	53.238	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.480%
24) Chloroform-d	7.648	84	64926	20.378	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.520%
26) 1,2-Dichloroethane-d4	8.306	65	40780	22.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.880%
32) Benzene-d6	8.276	84	105981	24.019	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	9.270	67	38500	27.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.320%
41) Toluene-d8	10.324	98	68708	17.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.040%
43) trans-1,3-Dichloroprop...	10.580	79	11602	20.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.400%
47) 2-Hexanone-d5	10.922	63	13130	56.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	31335	29.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	12493	24.917	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						Qvalue
5) Vinyl chloride	2.369	62	14174	6.162	ug/L	99
12) 1,1-Dichloroethene	4.045	96	2611	1.553	ug/L #	1
16) Methylene chloride	4.917	84	15816	6.147	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	6857	3.784	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	575120	292.621	ug/L	98
34) Trichloroethene	9.093	95	4941650	3368.940	ug/L	95
39) cis-1,3-Dichloropropene	10.038	75	939	0.420	ug/L #	66
46) Tetrachloroethene	10.861	164	473	0.444	ug/L #	70

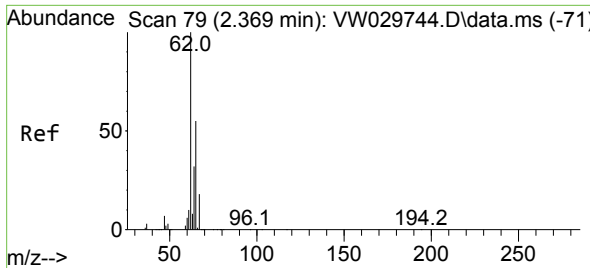
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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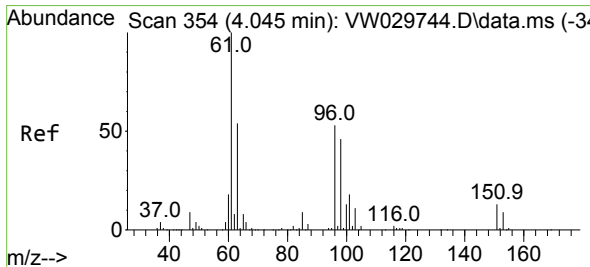
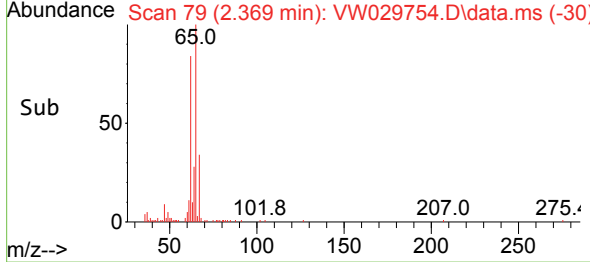
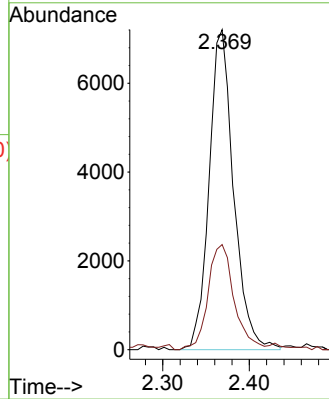
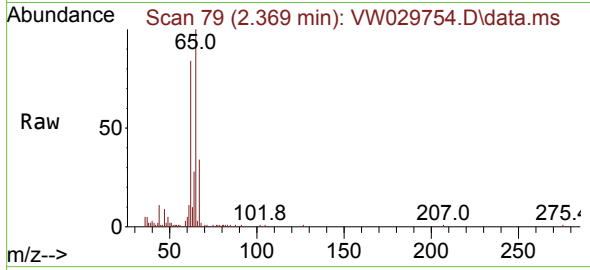




#5
 Vinyl chloride
 Concen: 6.162 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW029754.D
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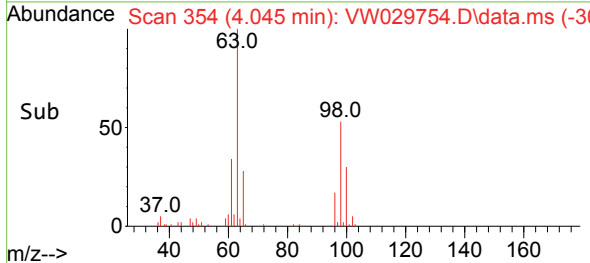
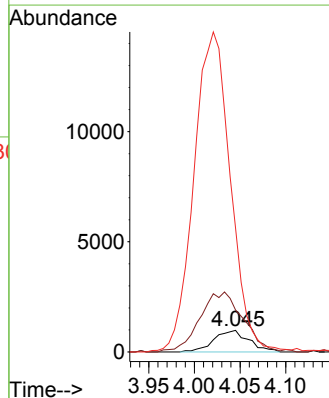
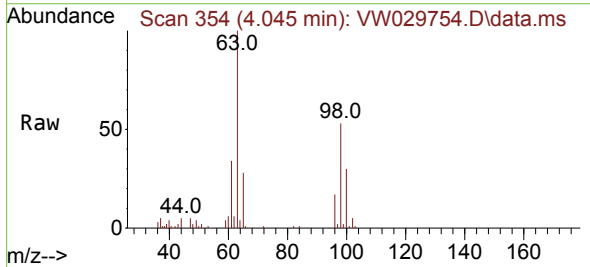
Instrument :
 MSVOA_W
 ClientSampleId :

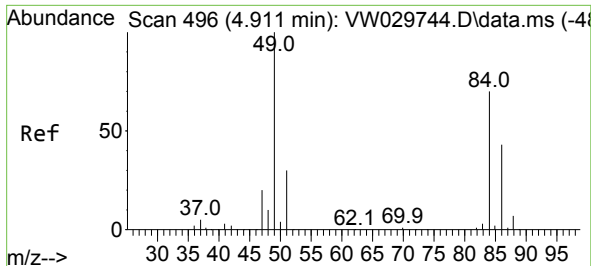
Tgt Ion: 62 Resp: 14174
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 1.553 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029754.D
 Acq: 26 Jul 2024 16:15

Tgt Ion: 96 Resp: 2611
 Ion Ratio Lower Upper
 96 100
 61 194.5 138.3 256.9
 63 574.2 89.0 165.4#

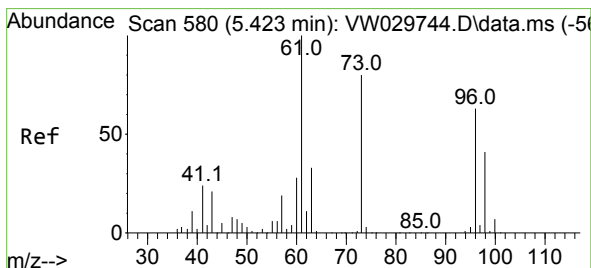
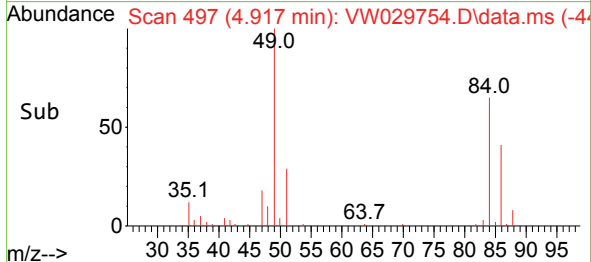
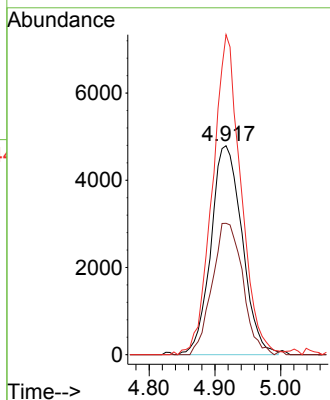
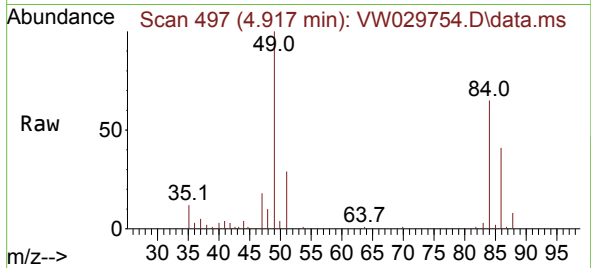




#16
Methylene chloride
Concen: 6.147 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029754.D
Acq: 26 Jul 2024 16:15

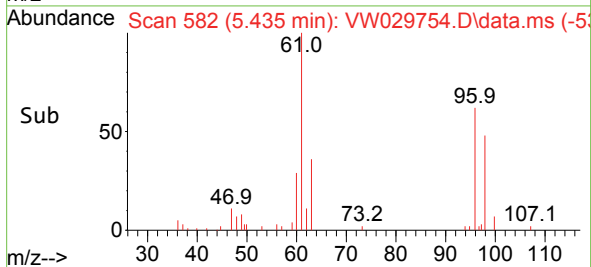
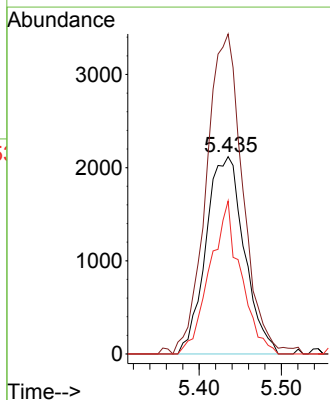
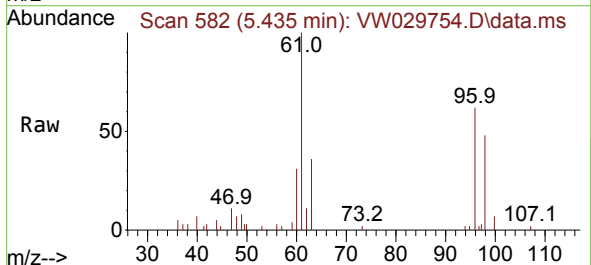
Instrument :
MSVOA_W
ClientSampleId :

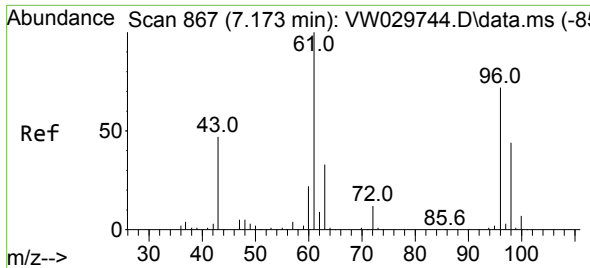
Tgt Ion	84	Resp:	15816
Ion	Ratio	Lower	Upper
84	100		
86	62.9	44.7	82.9
49	153.1	99.0	184.0



#17
trans-1,2-Dichloroethene
Concen: 3.784 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW029754.D
Acq: 26 Jul 2024 16:15

Tgt Ion	96	Resp:	6857
Ion	Ratio	Lower	Upper
96	100		
61	156.6	111.2	206.6
98	74.8	45.0	83.6

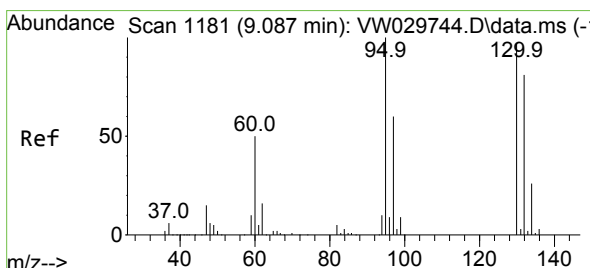
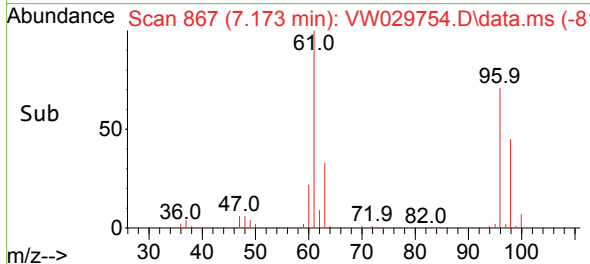
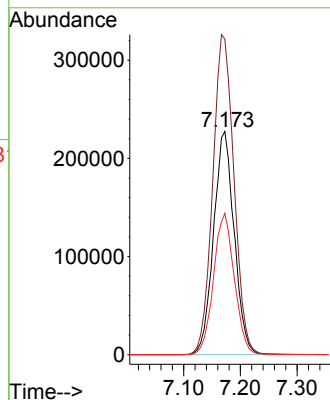
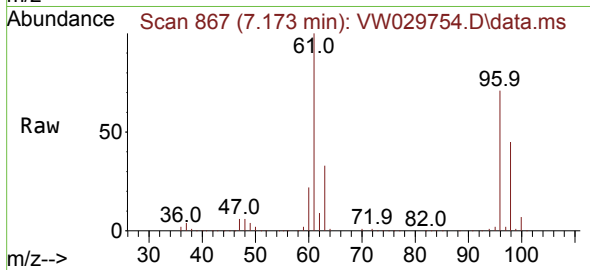




#20
 cis-1,2-Dichloroethene
 Concen: 292.621 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW029754.D
 Acq: 26 Jul 2024 16:15

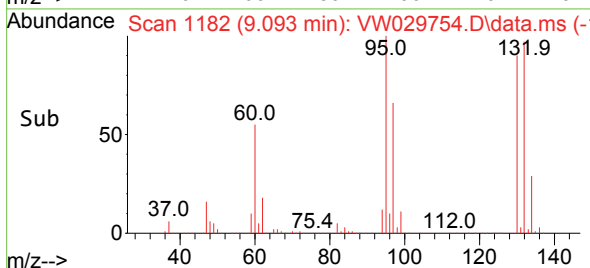
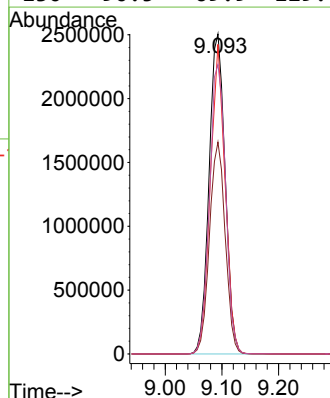
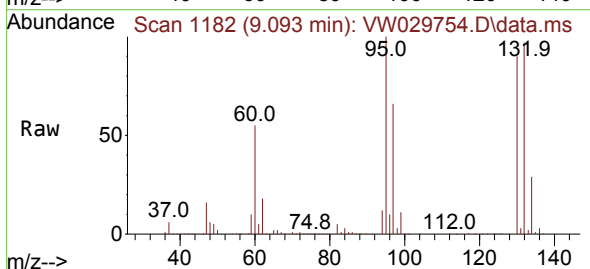
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 ClientSampleId :

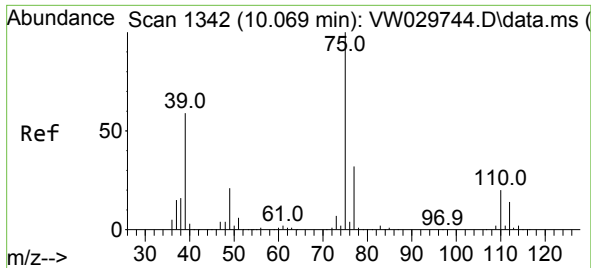
Tgt Ion: 96 Resp: 575120
 Ion Ratio Lower Upper
 96 100
 61 141.4 98.2 182.4
 98 63.3 41.9 77.9



#34
 Trichloroethene
 Concen: 3368.940 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.006 min
 Lab File: VW029754.D
 Acq: 26 Jul 2024 16:15

Tgt Ion: 95 Resp: 4941650
 Ion Ratio Lower Upper
 95 100
 97 66.2 45.6 84.8
 132 96.7 65.2 121.0
 130 90.5 69.9 129.7

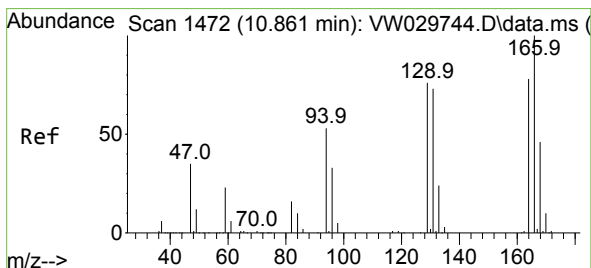
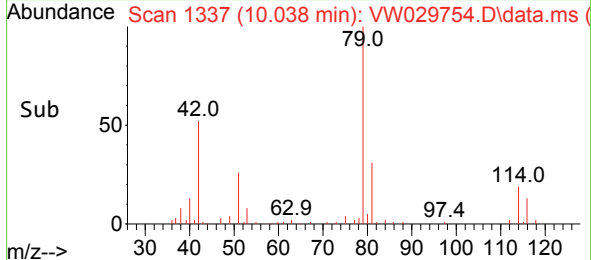
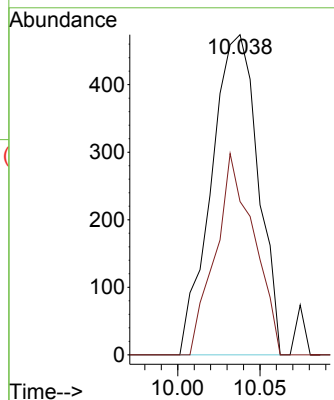
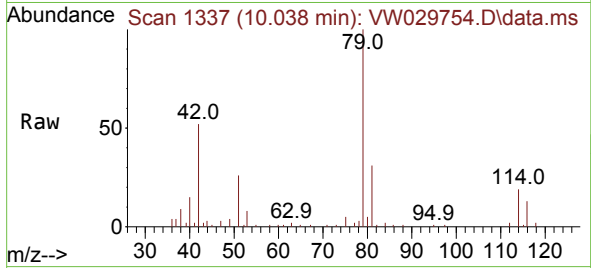




#39
 cis-1,3-Dichloropropene
 Concen: 0.420 ug/L
 RT: 10.038 min Scan# 11
 Delta R.T. -0.031 min
 Lab File: VW029754.D
 Acq: 26 Jul 2024 16:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 939
 Ion Ratio Lower Upper
 75 100
 77 47.9 20.8 38.6#



#46
 Tetrachloroethene
 Concen: 0.444 ug/L
 RT: 10.861 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: VW029754.D
 Acq: 26 Jul 2024 16:15

Tgt Ion:164 Resp: 473
 Ion Ratio Lower Upper
 164 100
 129 48.3 77.8 144.6#
 131 83.2 70.9 131.7
 166 115.2 91.5 169.9

