

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027737.D
 Acq On : 18 Dec 2023 17:54
 Operator : SY/MD
 Sample : 05794-13
 Misc : 4.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 22:14:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

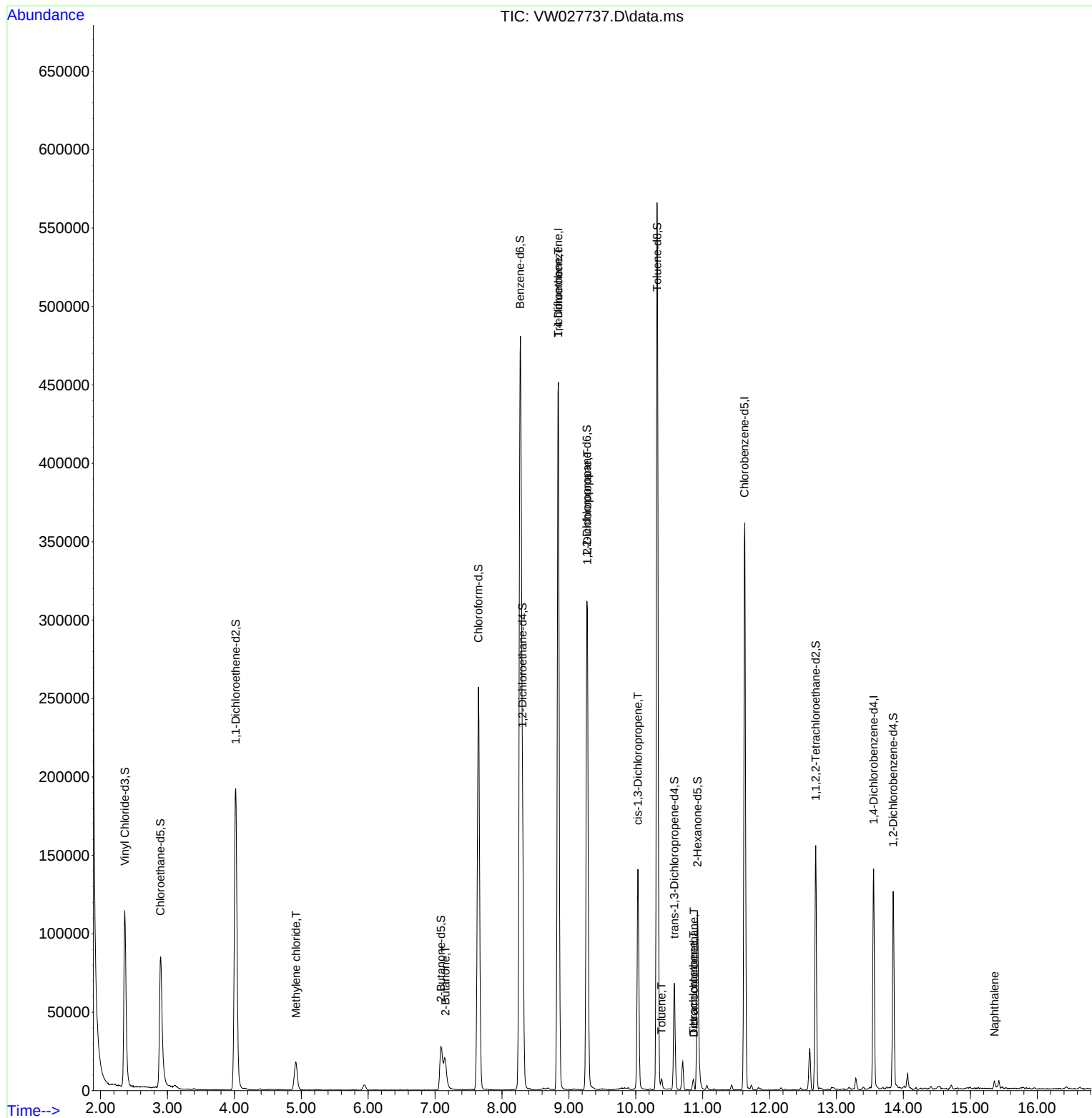
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	413873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	217516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	41656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	165152	28.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.720%	
7) Chloroethane-d5	2.893	69	134580	29.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.960%	
11) 1,1-Dichloroethene-d2	4.021	65	60129	25.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.440%	
21) 2-Butanone-d5	7.088	46	49515	49.609	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.220%	
24) Chloroform-d	7.648	84	268637	27.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.120%	
26) 1,2-Dichloroethane-d4	8.307	65	129873	28.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.360%	
32) Benzene-d6	8.270	84	541555	42.601	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 170.400%#	
36) 1,2-Dichloropropane-d6	9.270	67	161831	44.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 179.720%#	
41) Toluene-d8	10.319	98	391538	33.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.800%#	
43) trans-1,3-Dichloroprop...	10.575	79	39730	28.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 113.960%	
47) 2-Hexanone-d5	10.922	63	41258	78.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 157.220%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80381	29.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.040%	
66) 1,2-Dichlorobenzene-d4	13.849	152	35019	23.485	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.960%	
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	15118	2.330	ug/L	89
22) 2-Butanone	7.155	43	7122	5.919	ug/L #	43
34) Trichloroethene	8.843	95	11379	3.311	ug/L #	3
37) 1,2-Dichloropropane	9.276	63	16826	5.528	ug/L #	85
39) cis-1,3-Dichloropropene	10.032	75	3125	0.674	ug/L #	52
42) Toluene	10.386	91	4805	0.354	ug/L	100
46) Tetrachloroethene	10.861	164	1404	0.512	ug/L	88
49) Dibromochloromethane	10.867	129	1479	0.628	ug/L #	10
71) Naphthalene	15.360	128	4968	1.931	ug/L	95

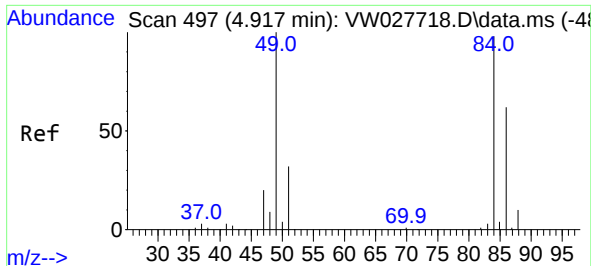
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

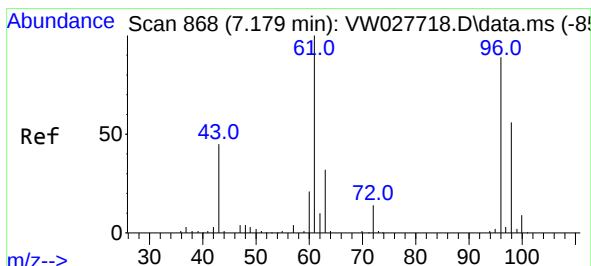
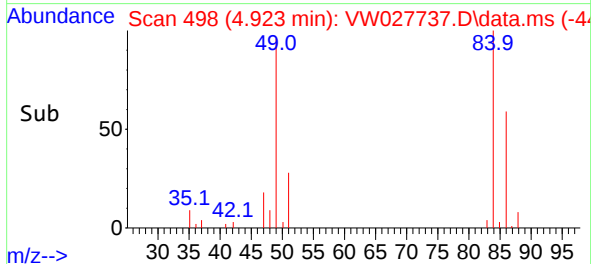
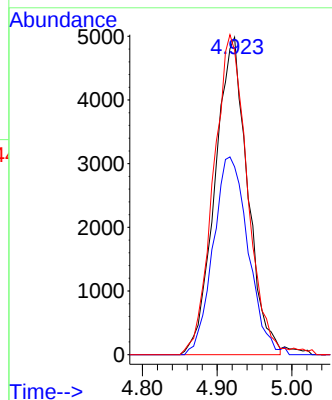
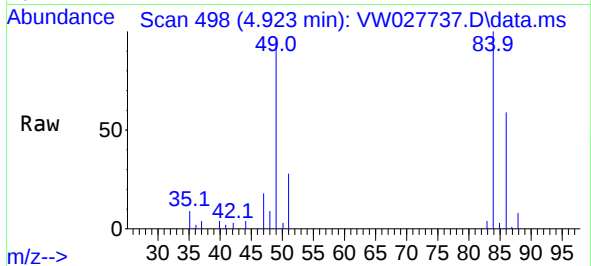




#16
Methylene chloride
Concen: 2.330 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027737.D
Acq: 18 Dec 2023 17:54

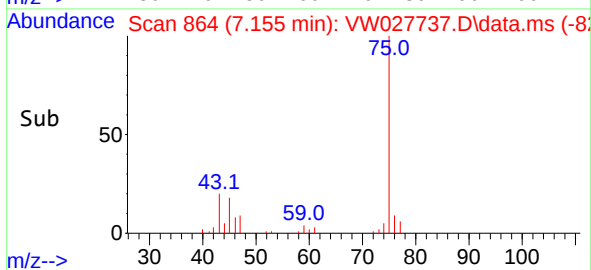
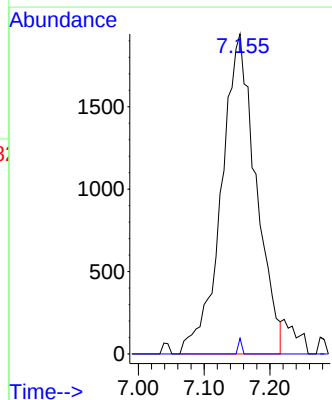
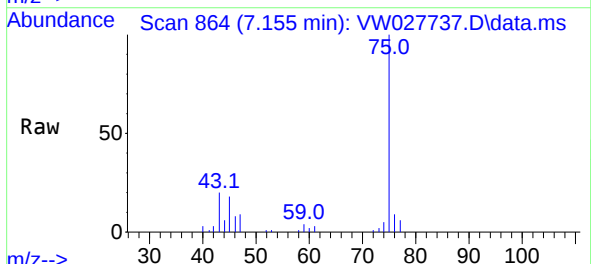
Instrument :
MSVOA_W
ClientSampleId :

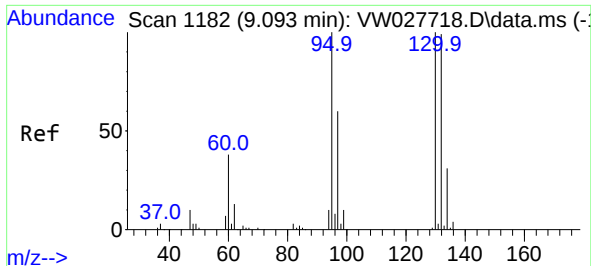
Tgt Ion: 84 Resp: 15118
Ion Ratio Lower Upper
84 100
86 59.2 45.8 85.2
49 95.9 76.2 141.6



#22
2-Butanone
Concen: 5.919 ug/L
RT: 7.155 min Scan# 864
Delta R.T. -0.043 min
Lab File: VW027737.D
Acq: 18 Dec 2023 17:54

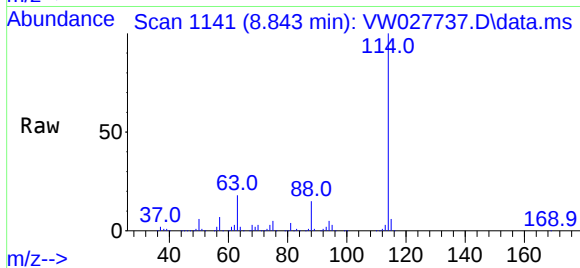
Tgt Ion: 43 Resp: 7122
Ion Ratio Lower Upper
43 100
72 0.0 16.1 48.2#



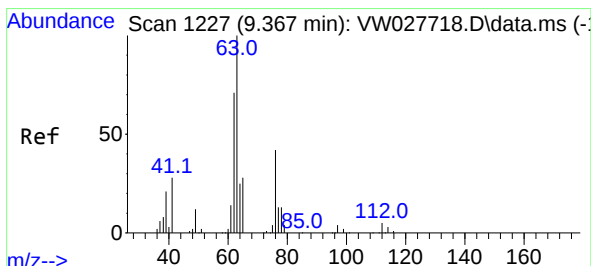
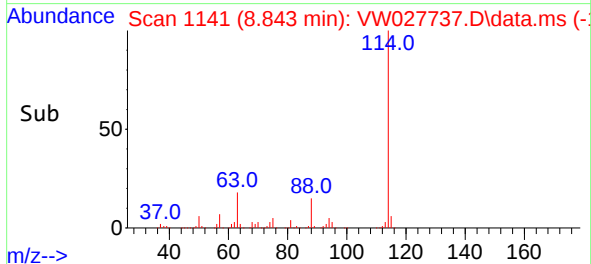
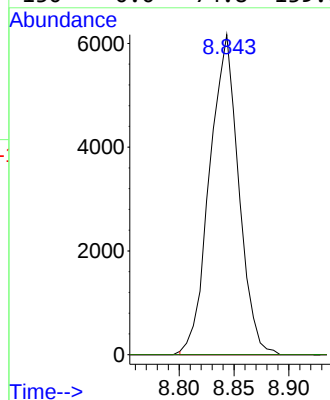


#34
 Trichloroethene
 Concen: 3.311 ug/L
 RT: 8.843 min Scan# 1182
 Delta R.T. -0.244 min
 Lab File: VW027737.D
 Acq: 18 Dec 2023 17:54

Instrument :
 MSVOA_W
 ClientSampleId :

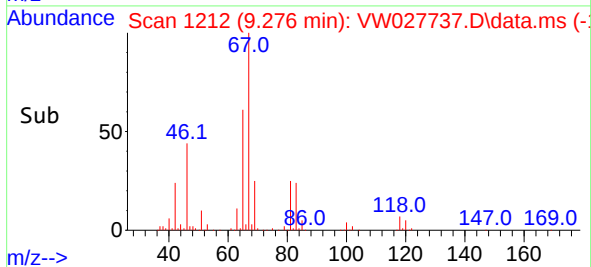
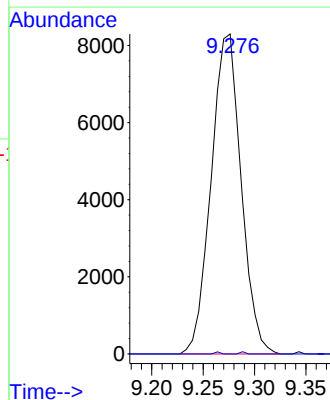
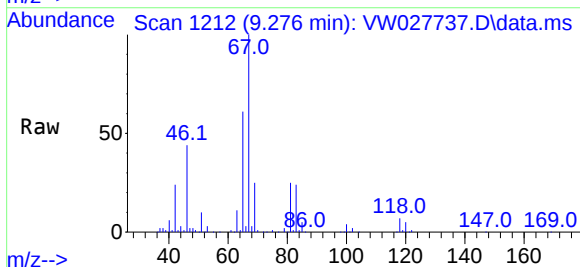


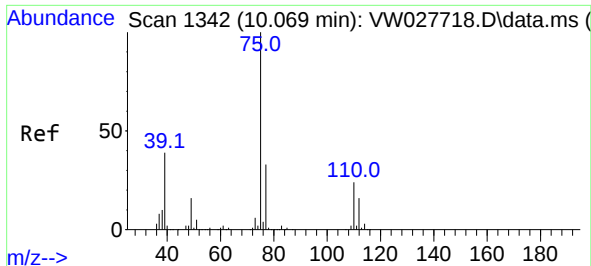
Tgt Ion: 95 Resp: 11379
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.9 85.3#
 132 0.0 70.4 130.8#
 130 0.0 74.8 139.0#



#37
 1,2-Dichloropropane
 Concen: 5.528 ug/L
 RT: 9.276 min Scan# 1212
 Delta R.T. -0.091 min
 Lab File: VW027737.D
 Acq: 18 Dec 2023 17:54

Tgt Ion: 63 Resp: 16826
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027737.D

Acq: 18 Dec 2023 17:54

Instrument :

MSVOA_W

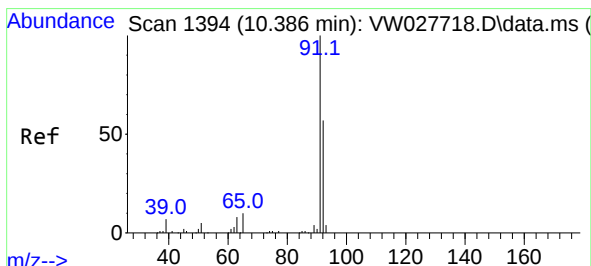
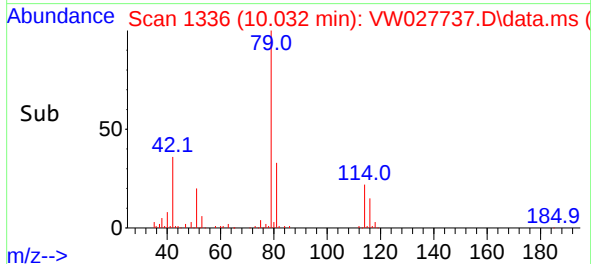
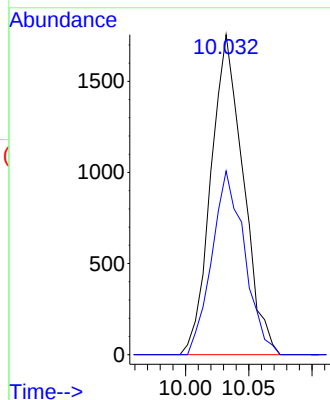
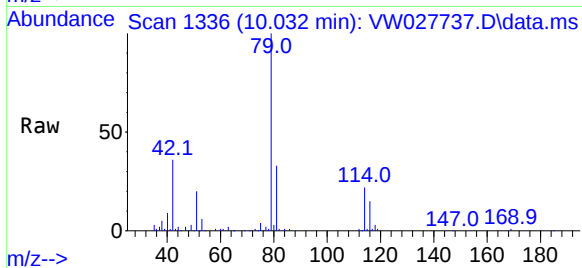
ClientSampleId :

Tgt Ion: 75 Resp: 3125

Ion Ratio Lower Upper

75 100

77 57.4 21.8 40.6#



#42

Toluene

Concen: 0.354 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027737.D

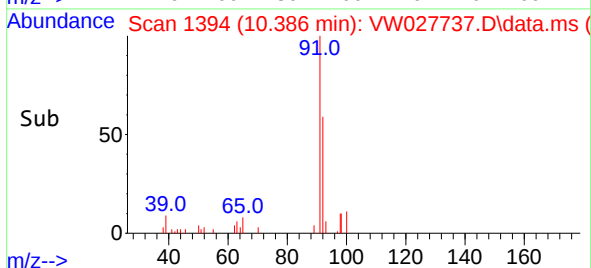
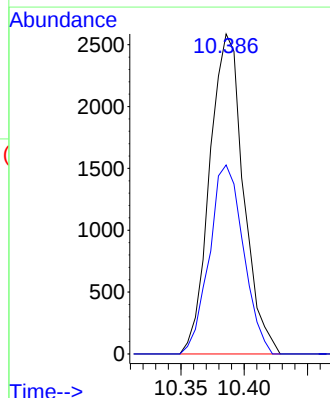
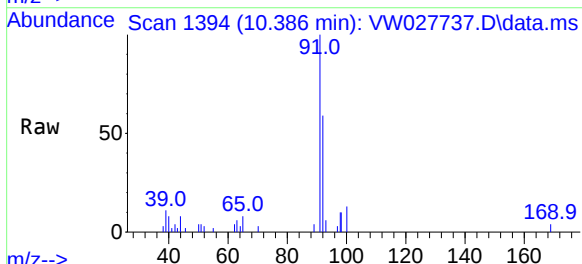
Acq: 18 Dec 2023 17:54

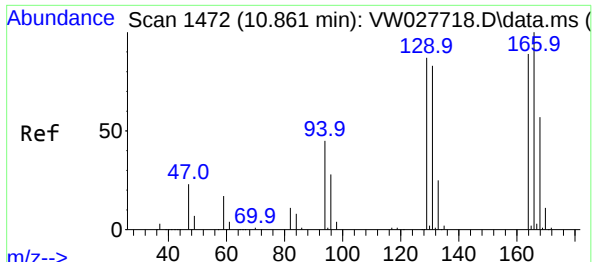
Tgt Ion: 91 Resp: 4805

Ion Ratio Lower Upper

91 100

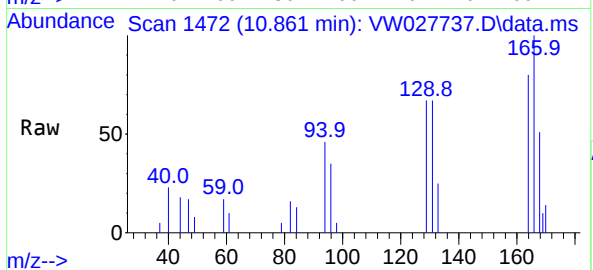
92 59.1 41.2 76.4





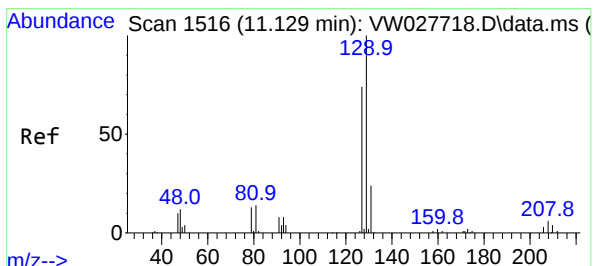
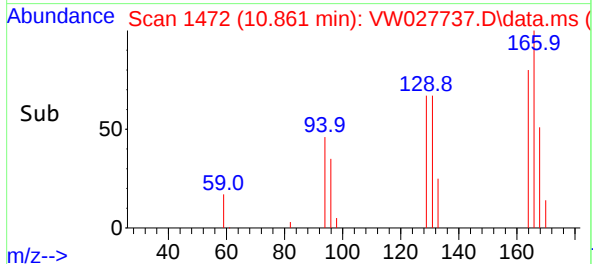
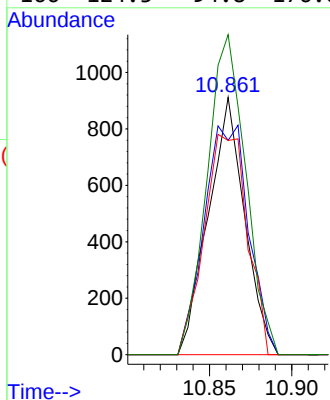
#46
Tetrachloroethene
Concen: 0.512 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027737.D
Acq: 18 Dec 2023 17:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 1404

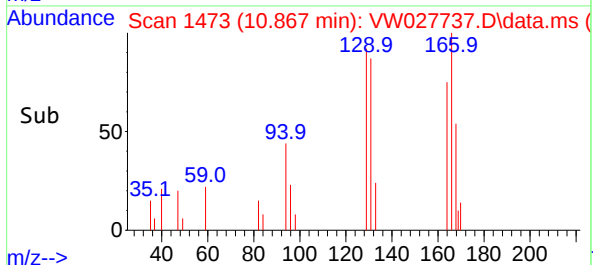
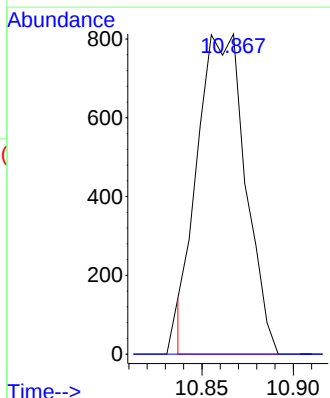
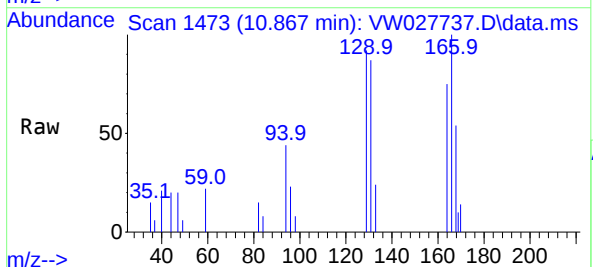
Ion	Ratio	Lower	Upper
164	100		
129	83.2	70.5	130.9
131	83.2	64.8	120.3
166	124.3	94.8	176.0

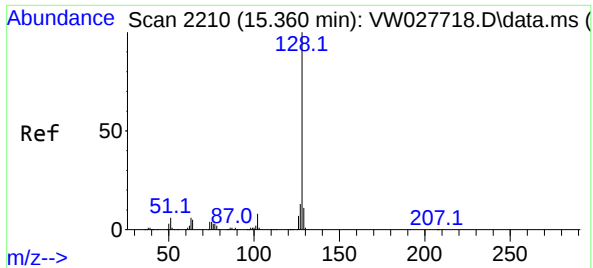


#49
Dibromochloromethane
Concen: 0.628 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. -0.256 min
Lab File: VW027737.D
Acq: 18 Dec 2023 17:54

Tgt Ion:129 Resp: 1479

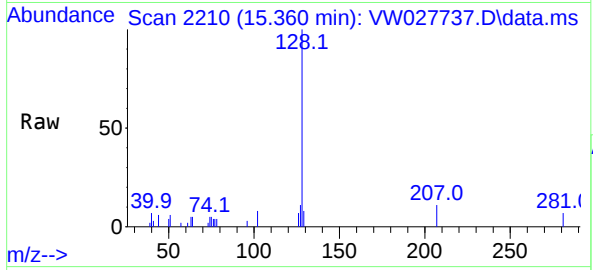
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#





#71
Naphthalene
Concen: 1.931 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027737.D
Acq: 18 Dec 2023 17:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 4968

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.2	15.2
129	9.3	8.6	12.8

