

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
 Data File : VW027601.D
 Acq On : 13 Dec 2023 17:50
 Operator : SY/MD
 Sample : 05806-09
 Misc : 4.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:20:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

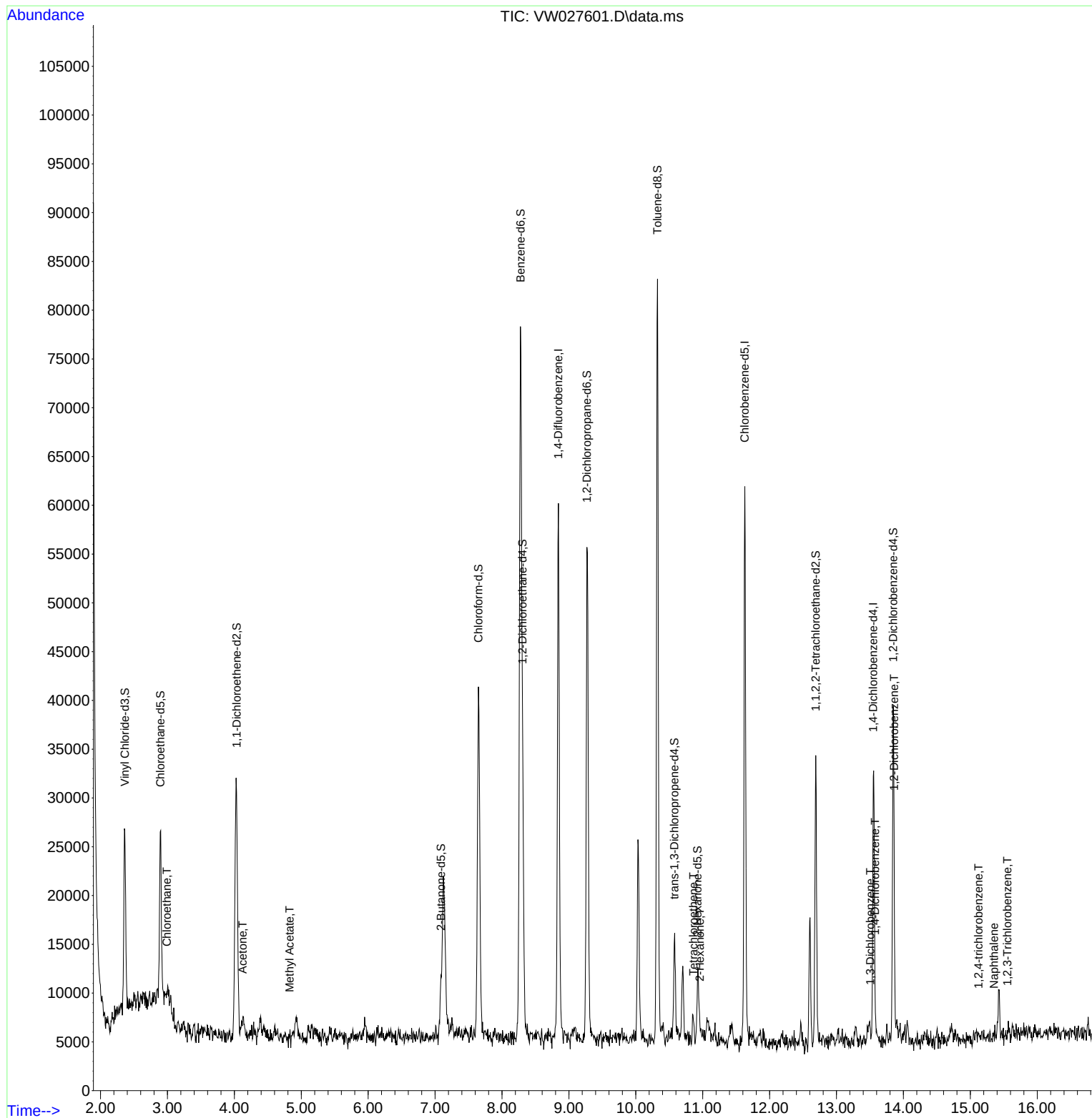
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	44320	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	30660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	6770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21493	24.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.400%
7) Chloroethane-d5	2.893	69	17754	27.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.840%
11) 1,1-Dichloroethene-d2	4.033	65	7869	20.851	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.088	46	9332	39.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.860%
24) Chloroform-d	7.648	84	36783	27.805	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	8.307	65	19205	28.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.560%
32) Benzene-d6	8.276	84	72936	33.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.120%#
36) 1,2-Dichloropropane-d6	9.270	67	24828	39.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.000%#
41) Toluene-d8	10.325	98	52067	27.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.240%
43) trans-1,3-Dichloroprop...	10.575	79	6493	26.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.520%
47) 2-Hexanone-d5	10.922	63	2657	22.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15093	28.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	8182	34.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	137.920%#
Target Compounds						
					Qvalue	
8) Chloroethane	2.991	64	251	0.518	ug/L	92
13) Acetone	4.125	43	3405	15.113	ug/L	82
15) Methyl Acetate	4.826	43	170	0.432	ug/L	96
46) Tetrachloroethene	10.861	164	438	1.063	ug/L	86
48) 2-Hexanone	10.959	43	333	1.251	ug/L #	61
64) 1,3-Dichlorobenzene	13.507	146	231	0.540	ug/L #	55
65) 1,4-Dichlorobenzene	13.574	146	365	0.855	ug/L #	73
67) 1,2-Dichlorobenzene	13.861	146	200	0.518	ug/L #	21
70) 1,2,4-trichlorobenzene	15.123	180	153	0.684	ug/L #	45
71) Naphthalene	15.354	128	223	0.474	ug/L #	74
72) 1,2,3-Trichlorobenzene	15.556	180	82	0.428	ug/L #	60

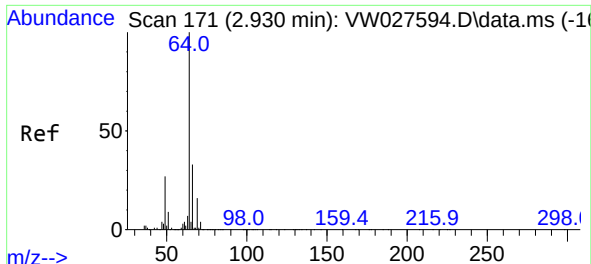
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 13 04:25:58 2023
Response via : Initial Calibration

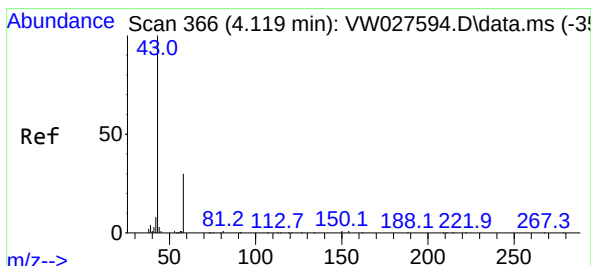
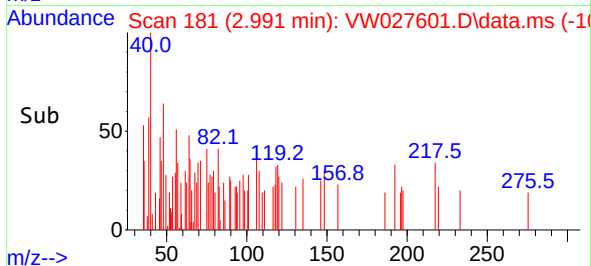
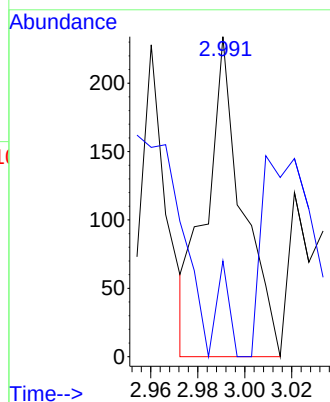
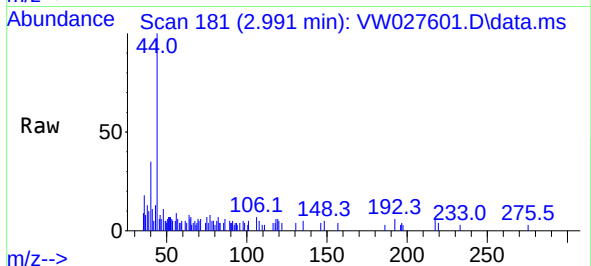




#8
Chloroethane
Concen: 0.518 ug/L
RT: 2.991 min Scan# 181
Delta R.T. 0.055 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

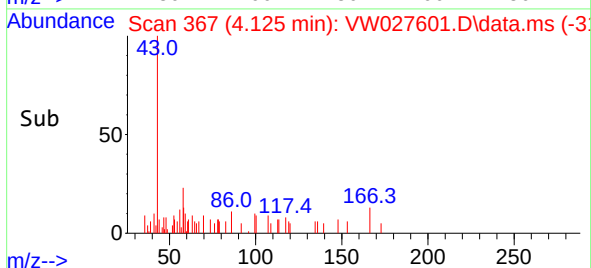
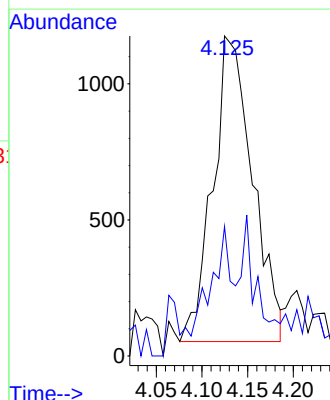
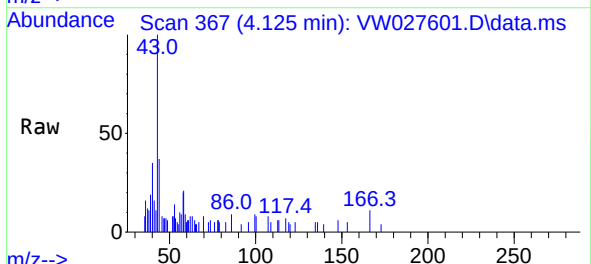
Instrument :
MSVOA_W
ClientSampleId :

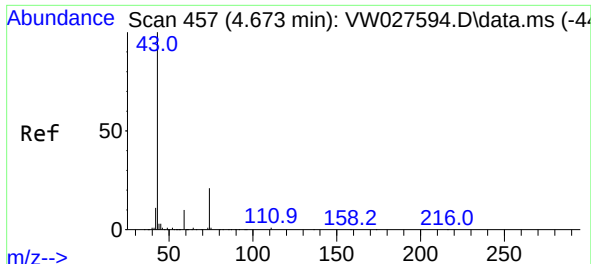
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 29.9 24.1 44.7



#13
Acetone
Concen: 15.113 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

Tgt Ion: 43 Resp: 3405
Ion Ratio Lower Upper
43 100
58 20.4 0.0 60.0

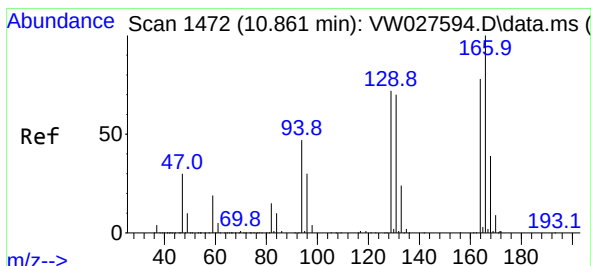
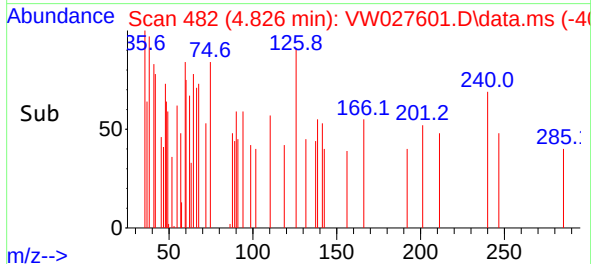
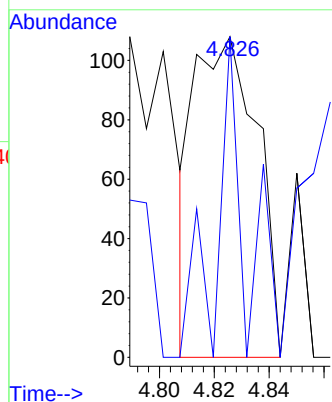
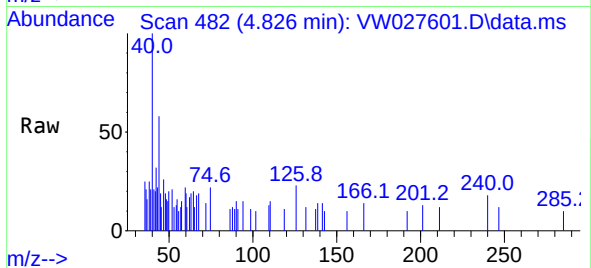




#15
Methyl Acetate
Concen: 0.432 ug/L
RT: 4.826 min Scan# 41
Delta R.T. 0.152 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

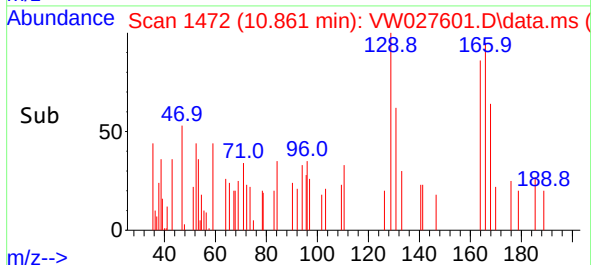
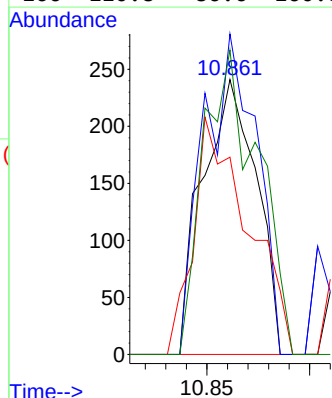
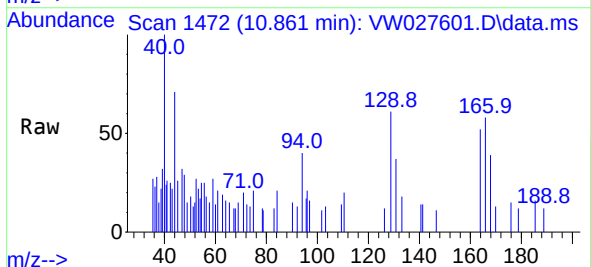
Instrument :
MSVOA_W
ClientSampleId :

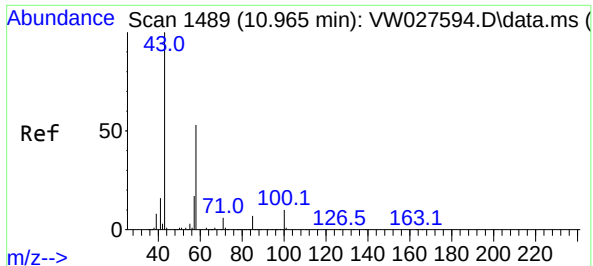
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
74 22.9 16.8 25.2



#46
Tetrachloroethene
Concen: 1.063 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

Tgt Ion: 164 Resp: 438
Ion Ratio Lower Upper
164 100
129 116.6 71.0 131.8
131 71.8 61.2 113.6
166 110.8 86.6 160.8



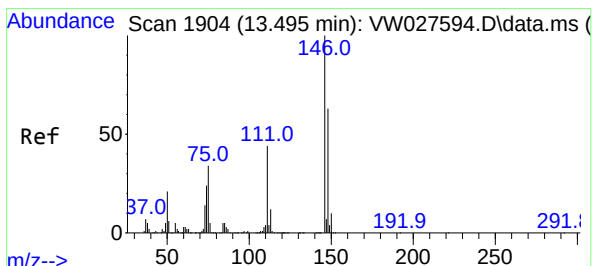
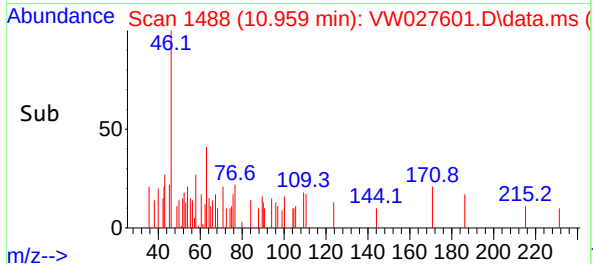
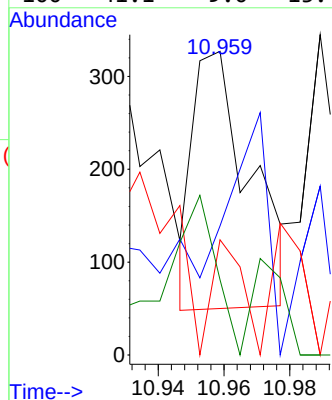
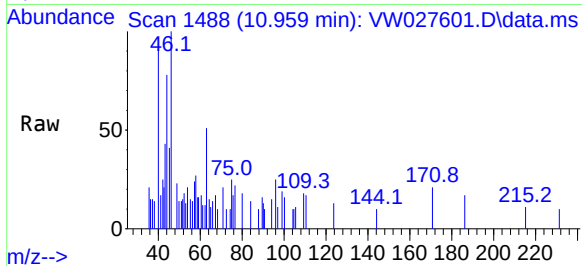


#48
2-Hexanone
Concen: 1.251 ug/L
RT: 10.959 min Scan# 1489
Delta R.T. -0.006 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 333

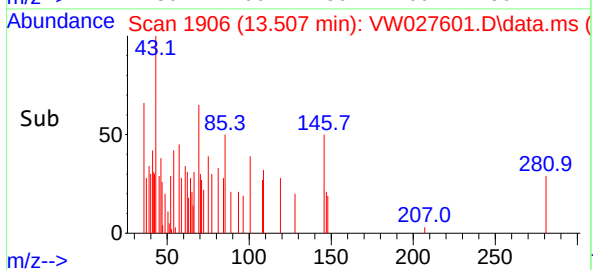
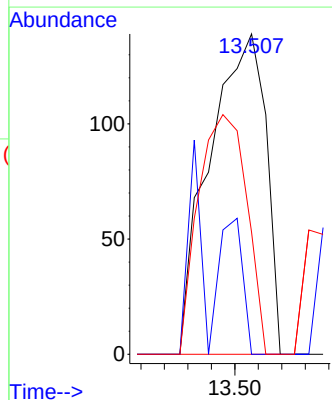
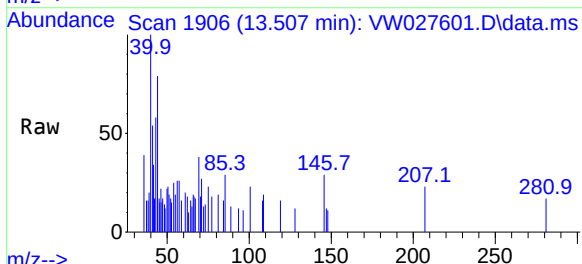
Ion	Ratio	Lower	Upper
43	100		
58	22.8	40.8	61.2#
57	24.0	14.8	22.2#
100	41.1	9.0	13.4#

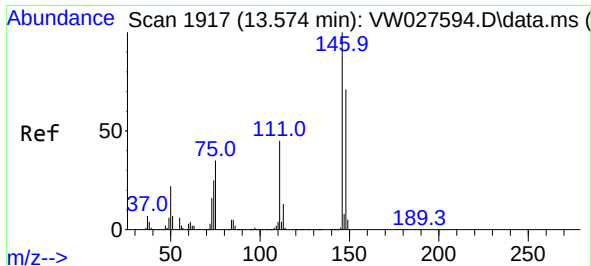


#64
1,3-Dichlorobenzene
Concen: 0.540 ug/L
RT: 13.507 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

Tgt Ion: 146 Resp: 231

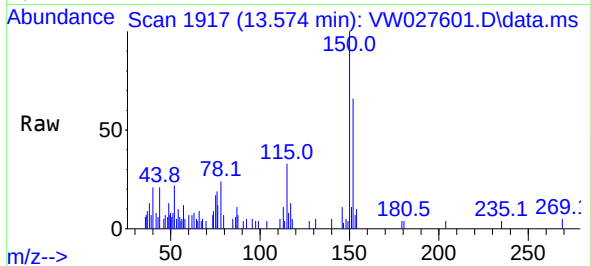
Ion	Ratio	Lower	Upper
146	100		
111	0.0	29.5	54.7#
148	38.1	42.8	79.6#



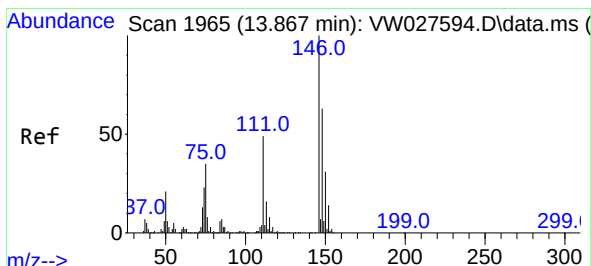
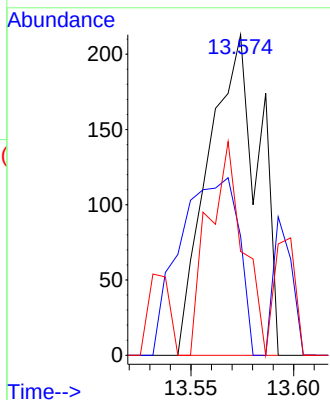
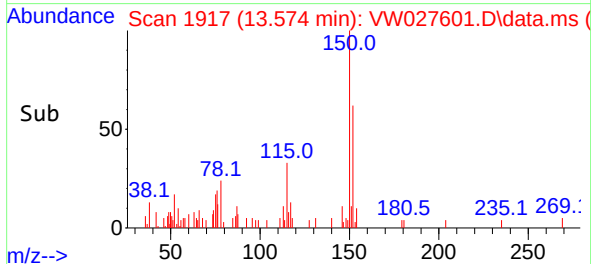


#65
1,4-Dichlorobenzene
Concen: 0.855 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50

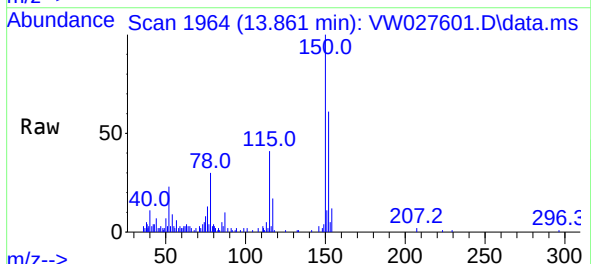
Instrument :
MSVOA_W
ClientSampleId :



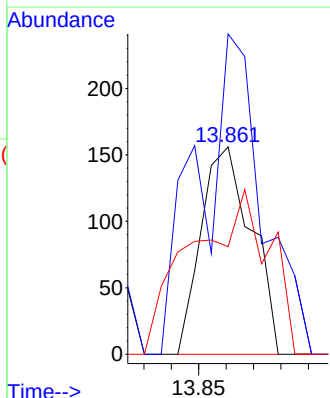
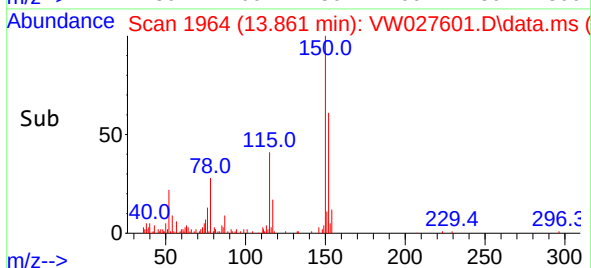
Tgt Ion:146 Resp: 365
Ion Ratio Lower Upper
146 100
111 37.1 28.9 53.7
148 32.4 44.9 83.5#

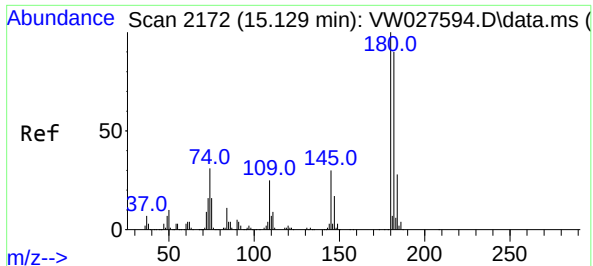


#67
1,2-Dichlorobenzene
Concen: 0.518 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW027601.D
Acq: 13 Dec 2023 17:50



Tgt Ion:146 Resp: 200
Ion Ratio Lower Upper
146 100
111 154.5 33.9 50.9#
148 51.9 49.5 74.3





#70

1,2,4-trichlorobenzene

Concen: 0.684 ug/L

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW027601.D

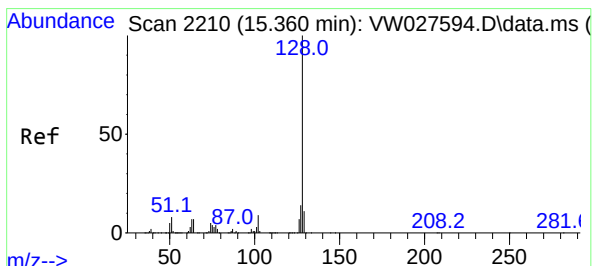
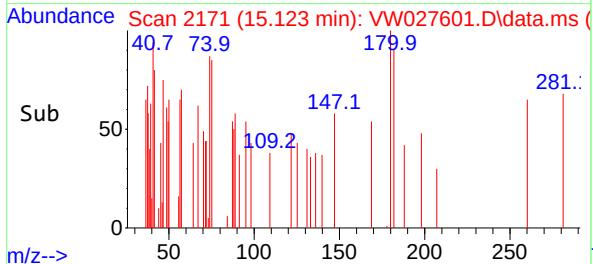
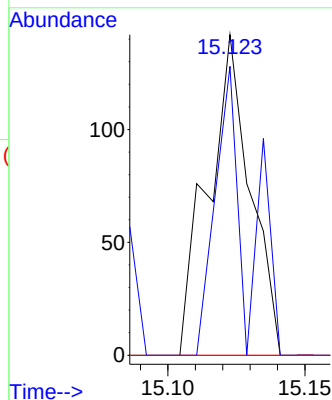
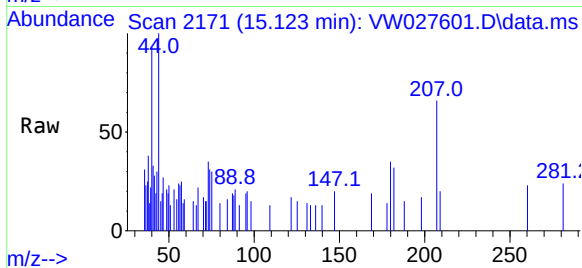
Acq: 13 Dec 2023 17:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	180	Resp:	153
Ion	Ratio	Lower	Upper
180	100		
182	45.8	78.7	118.1#
145	0.0	26.8	40.2#



#71

Naphthalene

Concen: 0.474 ug/L

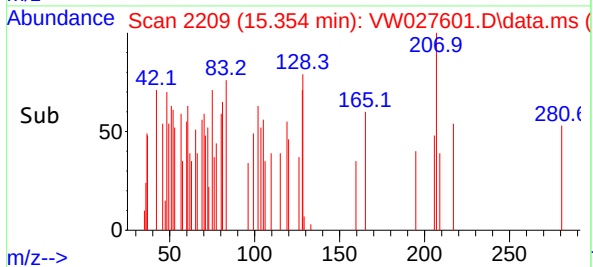
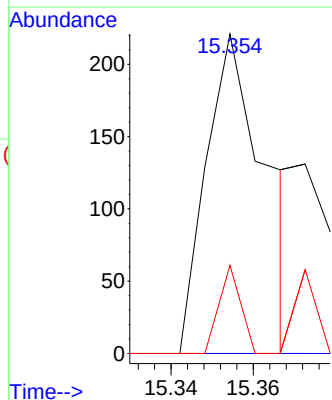
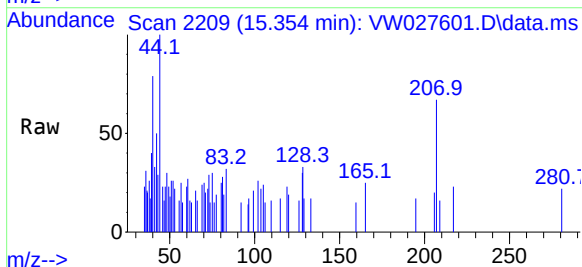
RT: 15.354 min Scan# 2209

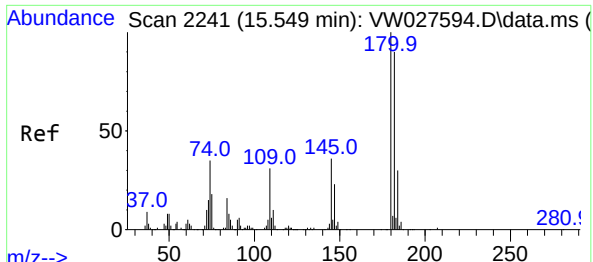
Delta R.T. -0.006 min

Lab File: VW027601.D

Acq: 13 Dec 2023 17:50

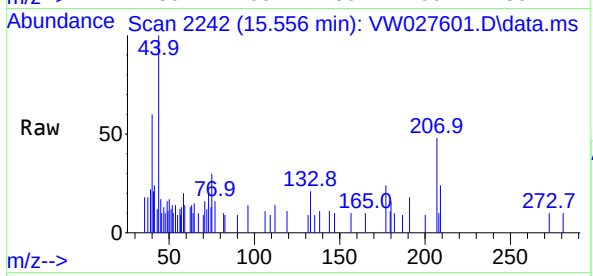
Tgt Ion:	128	Resp:	223
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	17.9	8.6	12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.428 ug/L
 RT: 15.556 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027601.D
 Acq: 13 Dec 2023 17:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	82
Ion	Ratio	Lower	Upper
180	100		
182	59.8	72.4	108.6#
145	0.0	27.4	41.0#

