

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024010.D
 Acq On : 22 Jul 2022 16:24
 Operator : SY/VA
 Sample : N3743-17RE
 Misc : 5.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 23:13:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

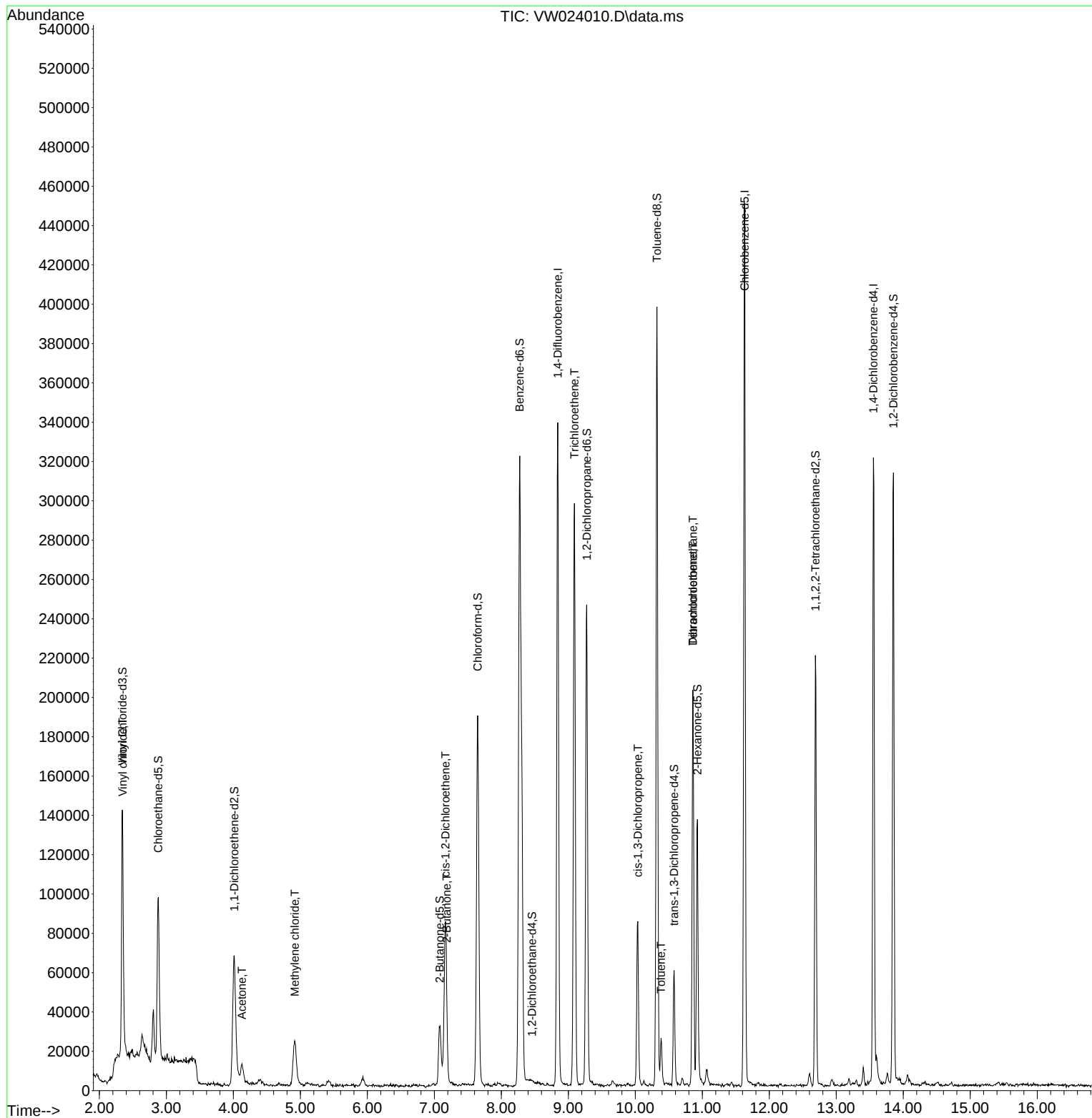
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	261660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	231781	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79162	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126055	18.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.440%
7) Chloroethane-d5	2.879	69	102205	22.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.680%
11) 1,1-Dichloroethene-d2	4.013	63	72502	13.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.280%
21) 2-Butanone-d5	7.080	46	48825	47.101	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.200%
24) Chloroform-d	7.647	84	181435	23.816	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.458	65	147	0.032	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.275	84	309599	25.696	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	9.274	67	104439	28.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.120%
41) Toluene-d8	10.323	98	245660	20.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	10.579	79	30079	17.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.720%
47) 2-Hexanone-d5	10.927	63	41659	54.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	101829	25.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	73408	25.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.920%
Target Compounds						
5) Vinyl chloride	2.349	62	16341	2.185	ug/L	82
13) Acetone	4.129	43	16171	22.065	ug/L	99
16) Methylene chloride	4.915	84	18780	4.590	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	42356	11.361	ug/L #	93
22) 2-Butanone	7.183	43	3897	3.236	ug/L	87
34) Trichloroethene	9.092	95	97137	27.928	ug/L	92
39) cis-1,3-Dichloropropene	10.037	75	2895	0.582	ug/L	89
42) Toluene	10.384	91	15186	1.011	ug/L	99
46) Tetrachloroethene	10.860	164	39087	14.534	ug/L	93
49) Dibromochloromethane	10.860	129	35806	10.693	ug/L #	11

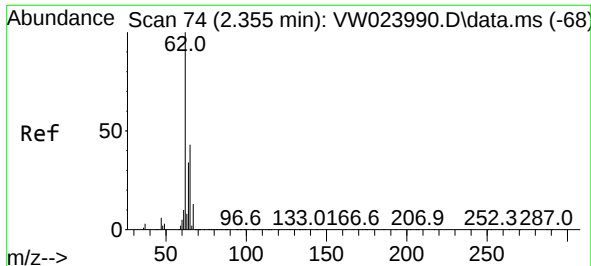
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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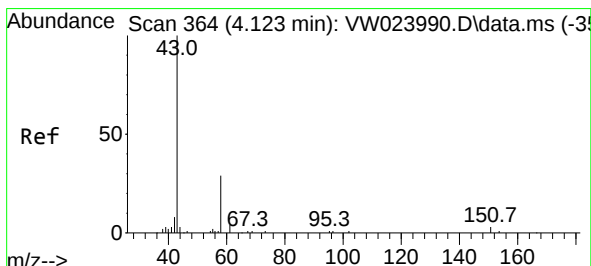
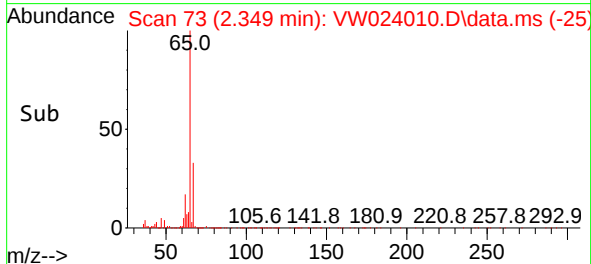
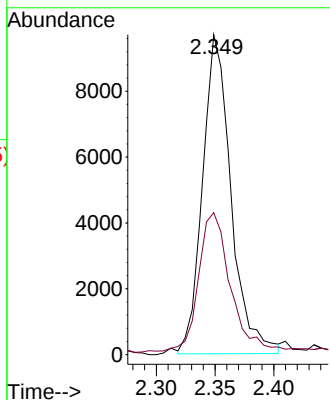
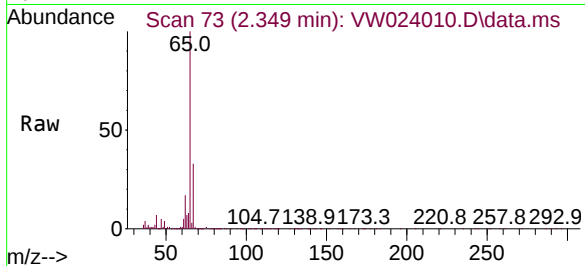




#5
 Vinyl chloride
 Concen: 2.185 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024010.D
 Acq: 22 Jul 2022 16:24

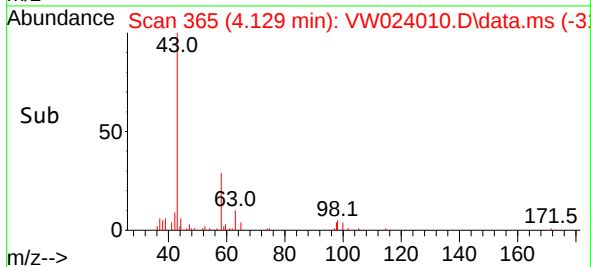
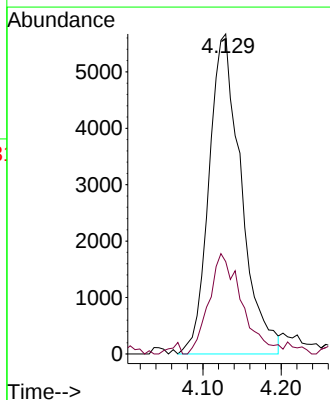
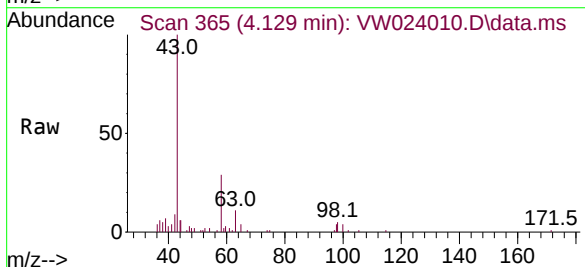
Instrument :
 MSVOA_W
 ClientSampleId :

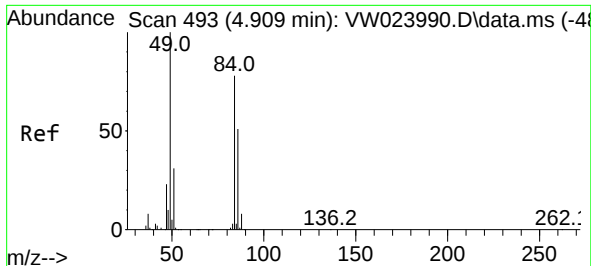
Tgt Ion: 62 Resp: 16341
 Ion Ratio Lower Upper
 62 100
 64 44.4 24.0 44.6



#13
 Acetone
 Concen: 22.065 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW024010.D
 Acq: 22 Jul 2022 16:24

Tgt Ion: 43 Resp: 16171
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 64.2

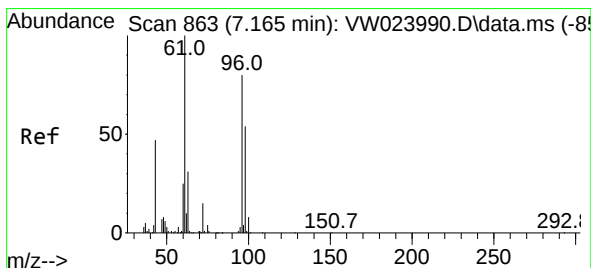
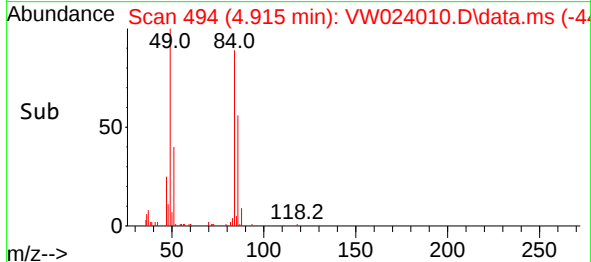
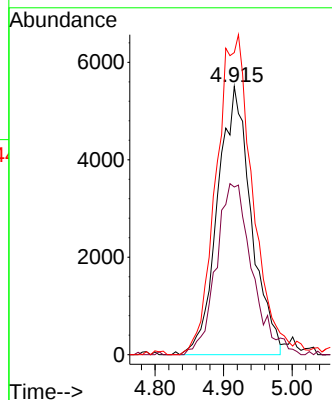
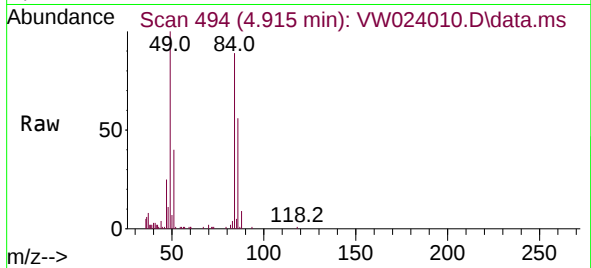




#16
Methylene chloride
Concen: 4.590 ug/L
RT: 4.915 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024010.D
Acq: 22 Jul 2022 16:24

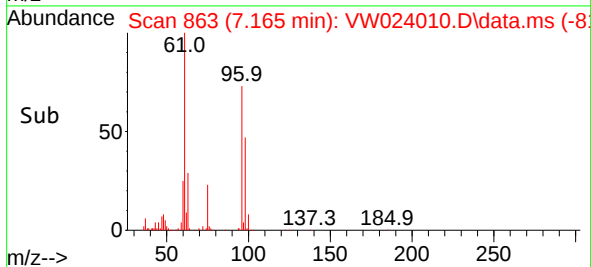
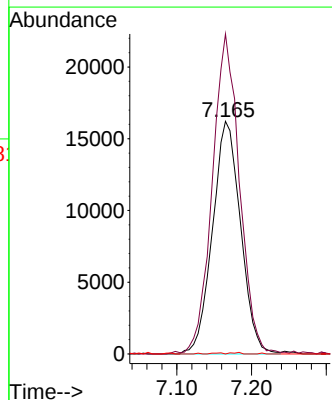
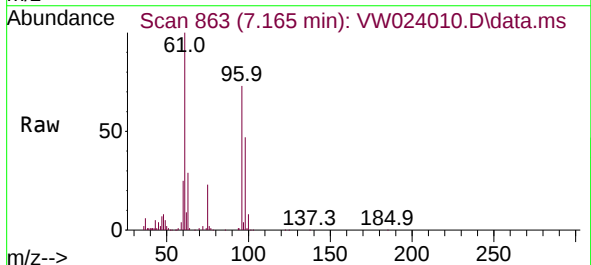
Instrument :
MSVOA_W
ClientSampleId :

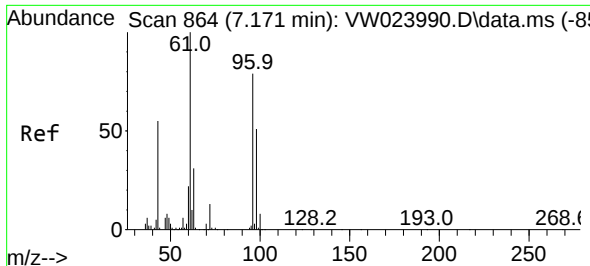
Tgt Ion: 84 Resp: 18780
Ion Ratio Lower Upper
84 100
86 62.5 42.8 79.6
49 112.6 85.4 158.6



#20
cis-1,2-Dichloroethene
Concen: 11.361 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW024010.D
Acq: 22 Jul 2022 16:24

Tgt Ion: 96 Resp: 42356
Ion Ratio Lower Upper
96 100
61 137.6 90.6 168.2
68 0.0 0.2 0.4

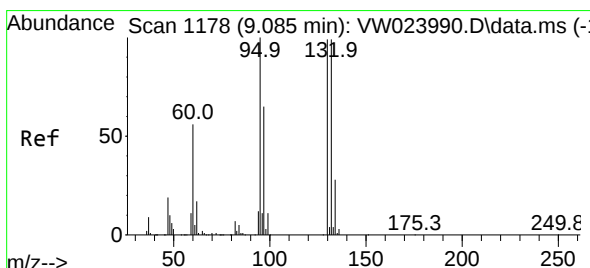
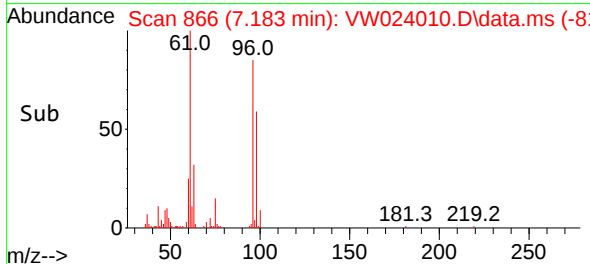
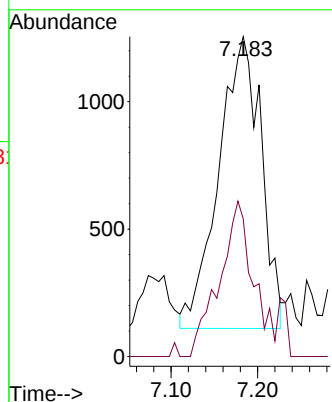
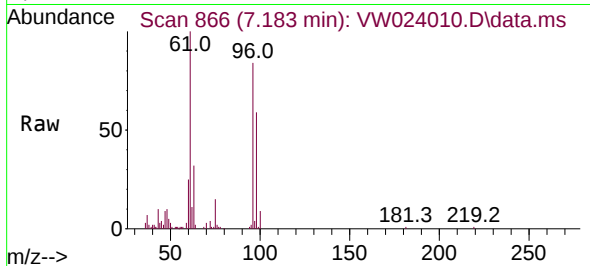




#22
2-Butanone
Concen: 3.236 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW024010.D
Acq: 22 Jul 2022 16:24

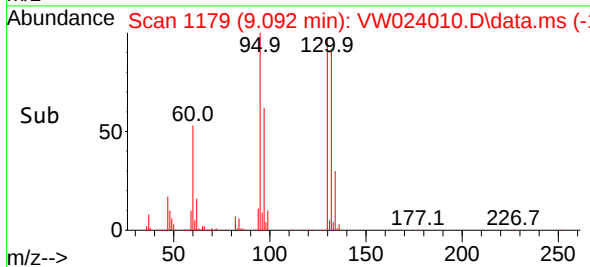
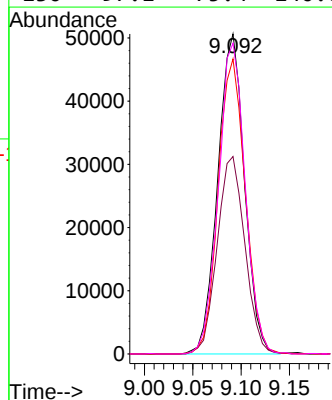
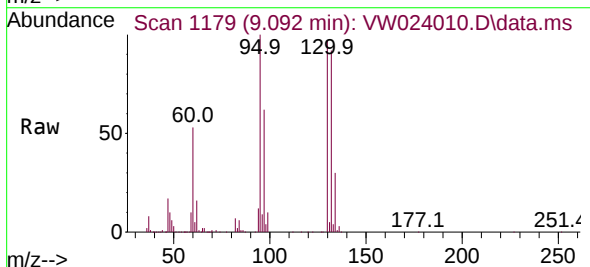
Instrument :
MSVOA_W
ClientSampleId :

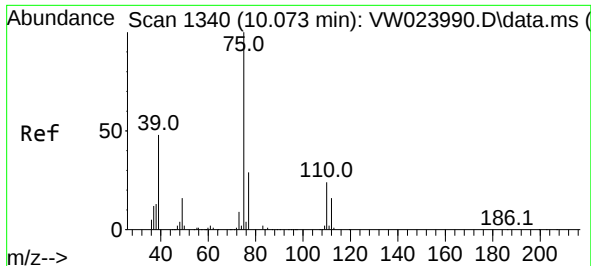
Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
72 36.5 14.7 44.1



#34
Trichloroethene
Concen: 27.928 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024010.D
Acq: 22 Jul 2022 16:24

Tgt Ion: 95 Resp: 97137
Ion Ratio Lower Upper
95 100
97 61.7 45.6 84.8
132 92.2 69.9 129.7
130 97.1 75.4 140.0





#39

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW024010.D

Acq: 22 Jul 2022 16:24

Instrument :

MSVOA_W

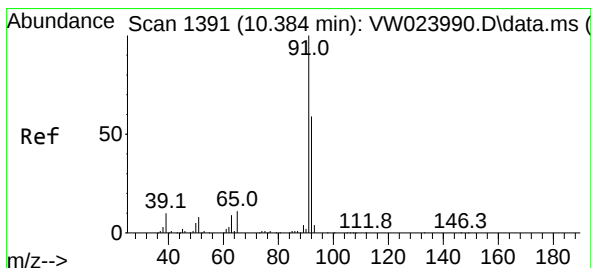
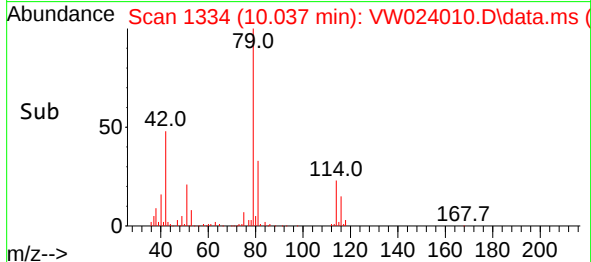
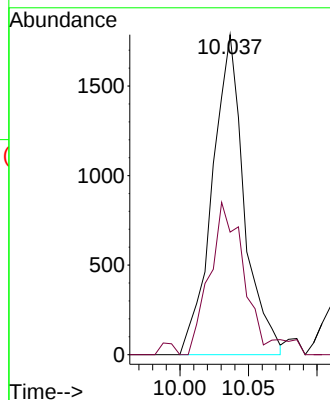
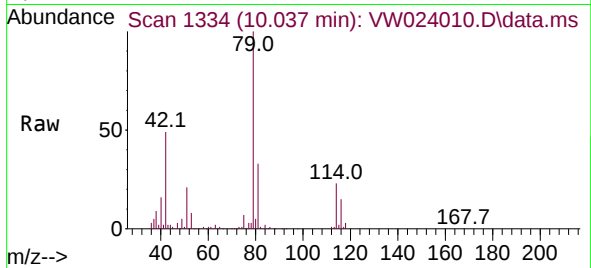
ClientSampleId :

Tgt Ion: 75 Resp: 2895

Ion Ratio Lower Upper

75 100

77 38.3 22.5 41.9



#42

Toluene

Concen: 1.011 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024010.D

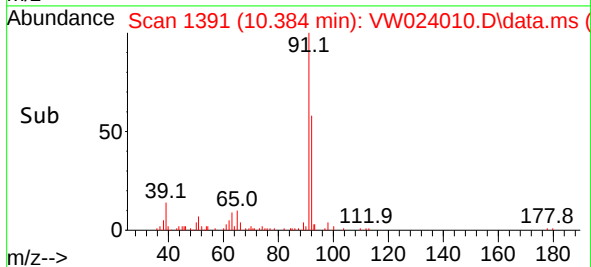
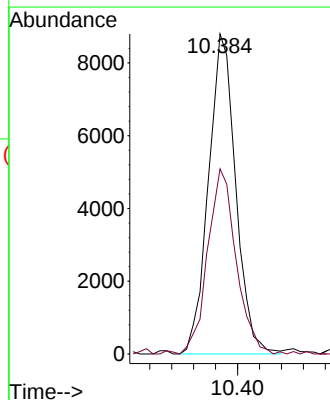
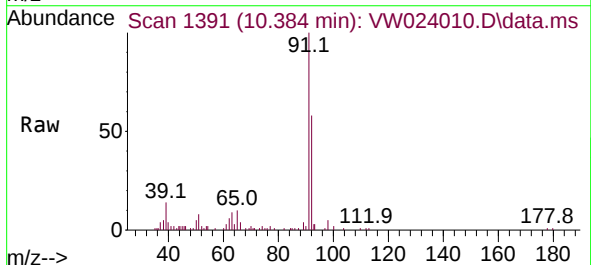
Acq: 22 Jul 2022 16:24

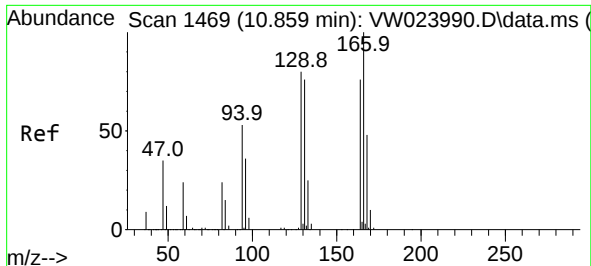
Tgt Ion: 91 Resp: 15186

Ion Ratio Lower Upper

91 100

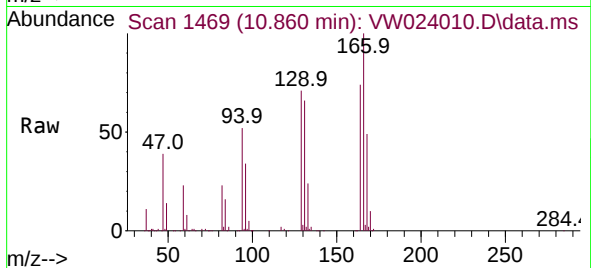
92 57.8 39.9 74.1



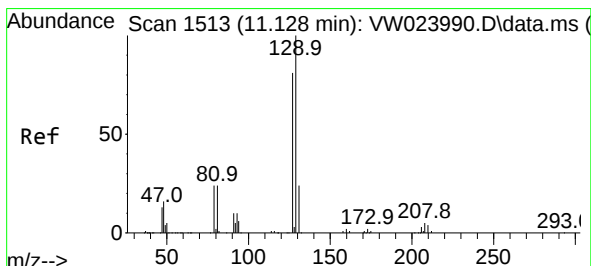
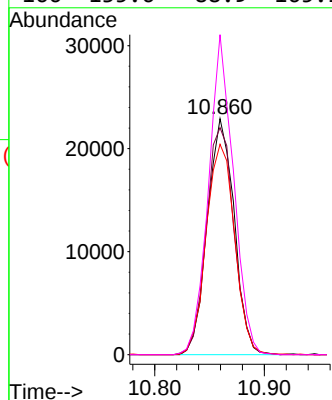
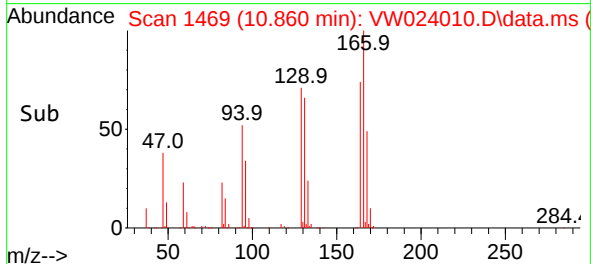


#46
Tetrachloroethene
Concen: 14.534 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024010.D
Acq: 22 Jul 2022 16:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	164	Resp:	39087
Ion	Ratio	Lower	Upper
164	100		
129	96.2	72.4	134.5
131	89.1	67.8	125.8
166	135.6	88.9	165.1



#49
Dibromochloromethane
Concen: 10.693 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW024010.D
Acq: 22 Jul 2022 16:24

Tgt Ion:	129	Resp:	35806
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#

