

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025754.D
 Acq On : 28 Apr 2023 12:53
 Operator : SY/MD
 Sample : 02526-08
 Misc : 5.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCF2

Quant Time: Apr 29 00:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

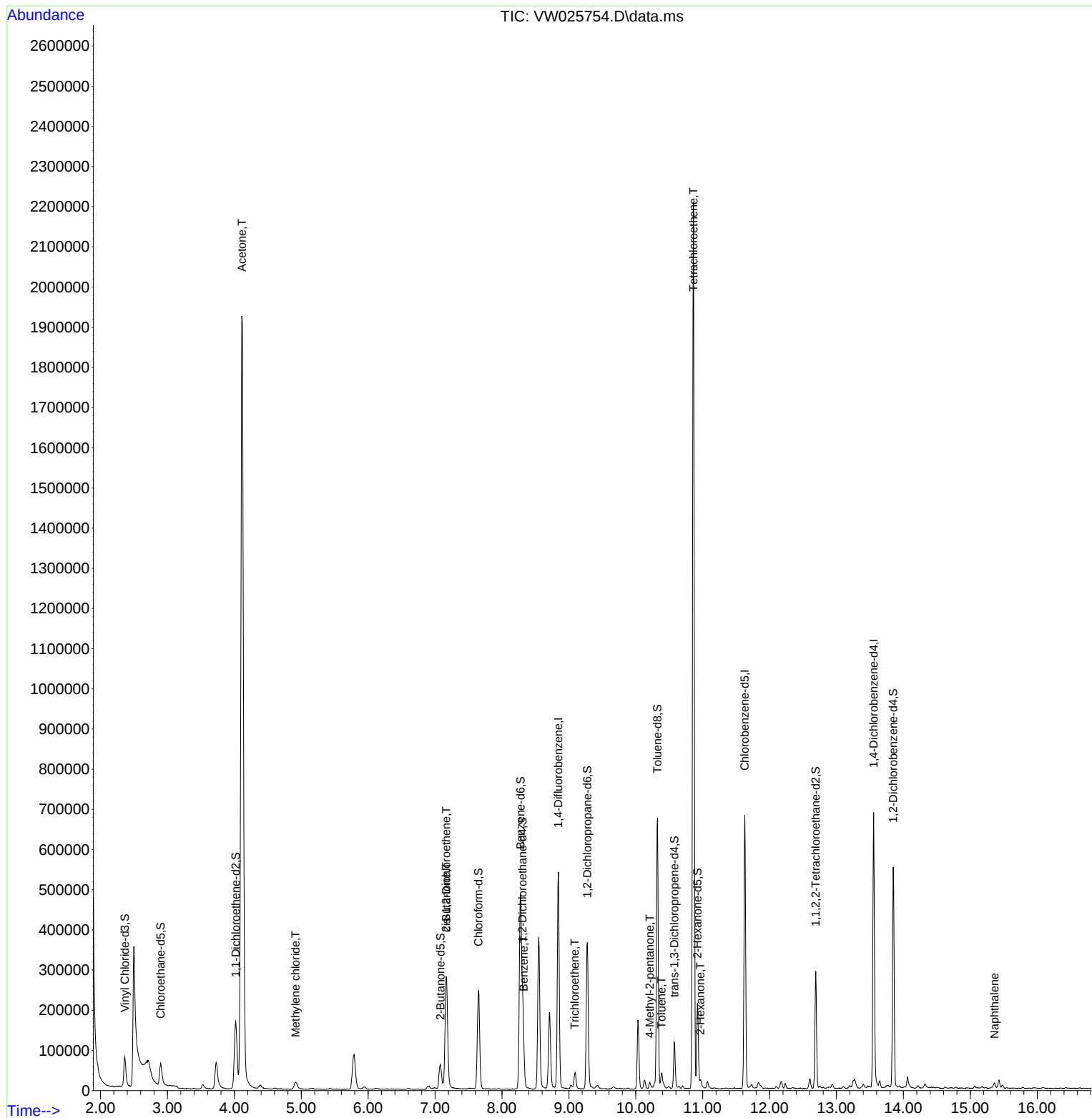
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	429043	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	355208	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	168220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	99837	19.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.899	69	81506	21.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	4.021	63	187571	15.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.880%
21) 2-Butanone-d5	7.081	46	109189	63.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.440%
24) Chloroform-d	7.648	84	249452	21.673	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.680%
26) 1,2-Dichloroethane-d4	8.307	65	149812	23.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	479797	22.248	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	9.276	67	162455	23.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	10.325	98	421785	22.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	10.575	79	61903	22.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.080%
47) 2-Hexanone-d5	10.922	63	73259	67.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.240%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144126	28.035	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	134746	23.380	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds					Qvalue	
13) Acetone	4.112	43	3412810	2131.896	ug/L	100
16) Methylene chloride	4.917	84	13556	1.673	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	22890	3.572	ug/L #	96
22) 2-Butanone	7.167	43	422926	208.369	ug/L	100
33) Benzene	8.325	78	52199	2.153	ug/L	100
34) Trichloroethene	9.087	95	13690	2.186	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	10739	2.725	ug/L	99
42) Toluene	10.386	91	26164	1.058	ug/L	99
46) Tetrachloroethene	10.861	164	466899	105.295	ug/L	95
48) 2-Hexanone	10.965	43	11411	4.111	ug/L	96
71) Naphthalene	15.360	128	9606	0.888	ug/L #	94

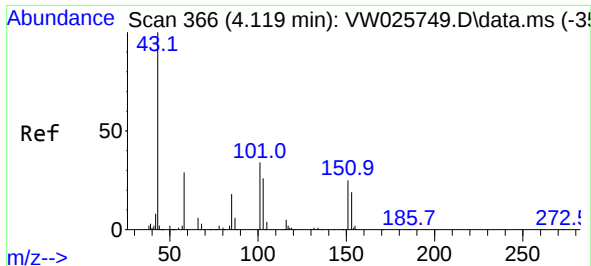
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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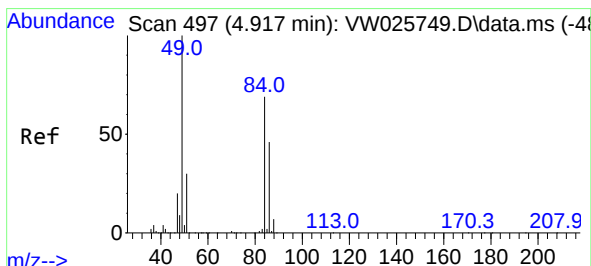
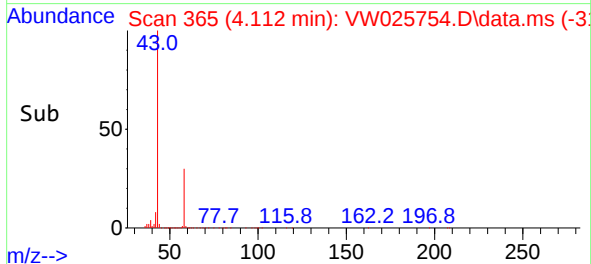
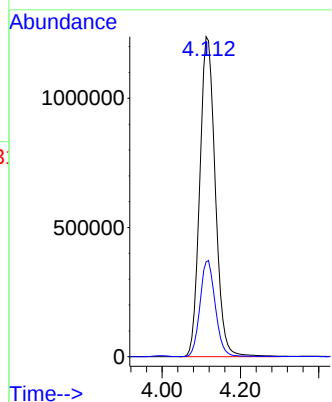
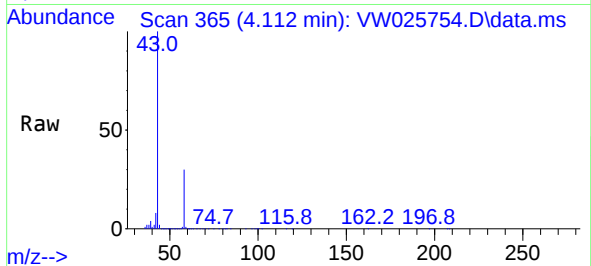




#13
Acetone
Concen: 2131.896 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

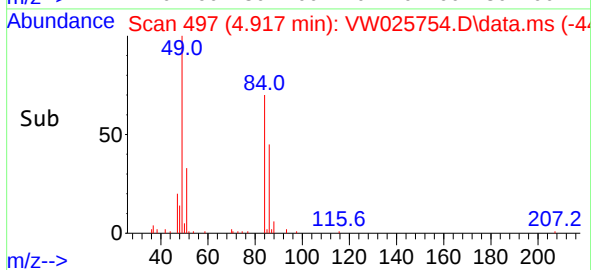
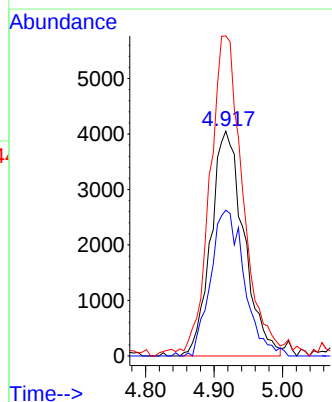
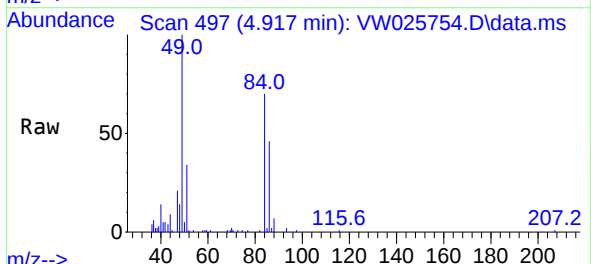
Instrument :
MSVOA_W
ClientSampleId :
DCCF2

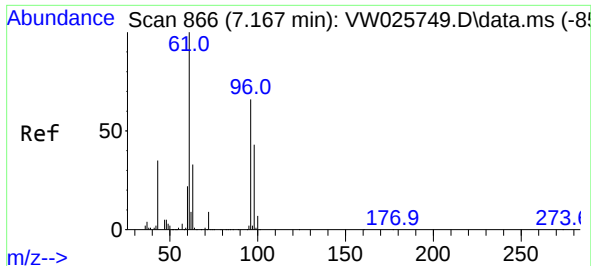
Tgt Ion: 43 Resp: 3412810
Ion Ratio Lower Upper
43 100
58 29.6 0.0 58.6



#16
Methylene chloride
Concen: 1.673 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

Tgt Ion: 84 Resp: 13556
Ion Ratio Lower Upper
84 100
86 64.9 46.3 85.9
49 142.4 101.9 189.3

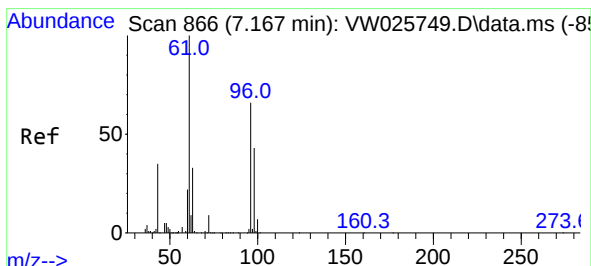
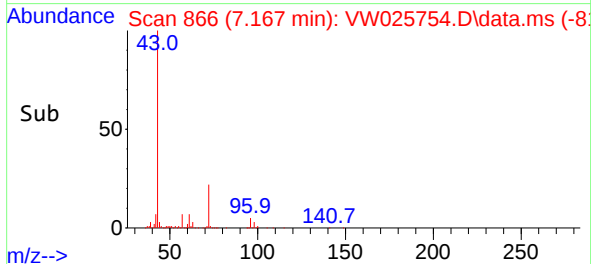
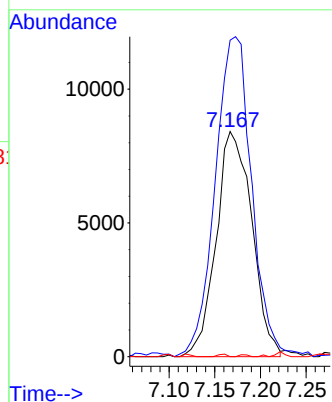
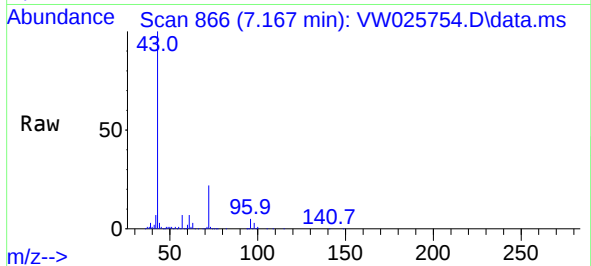




#20
cis-1,2-Dichloroethene
Concen: 3.572 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

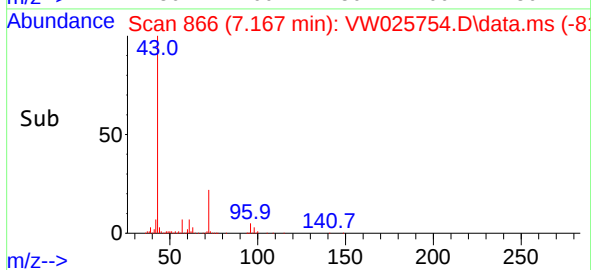
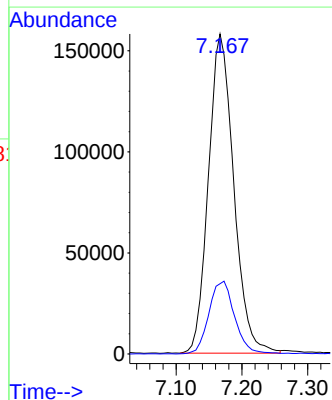
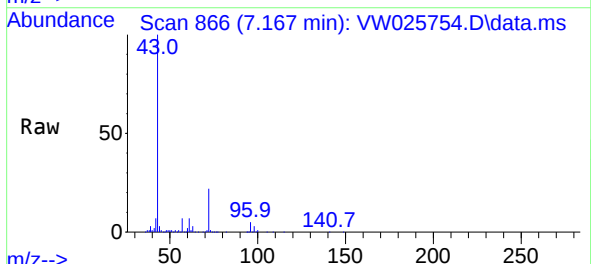
Instrument :
MSVOA_W
ClientSampleId :
DCCF2

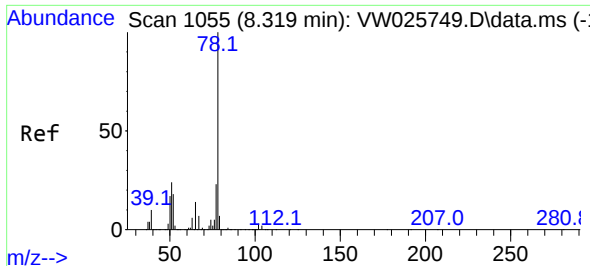
Tgt Ion: 96 Resp: 22890
Ion Ratio Lower Upper
96 100
61 140.6 101.6 188.6
68 1.8 0.1 0.1#



#22
2-Butanone
Concen: 208.369 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

Tgt Ion: 43 Resp: 422926
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.0

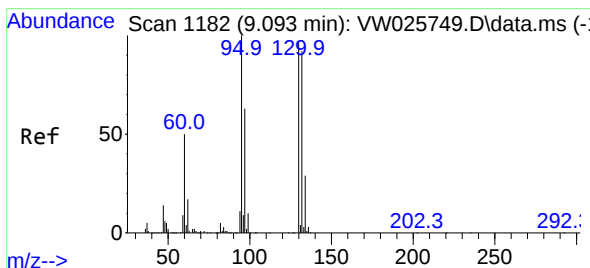
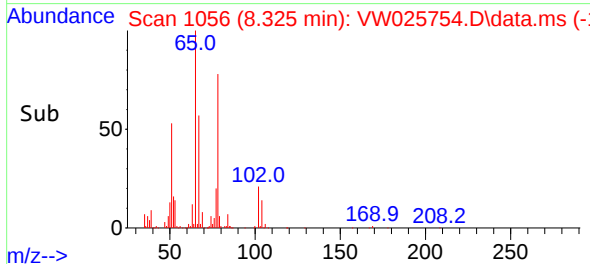
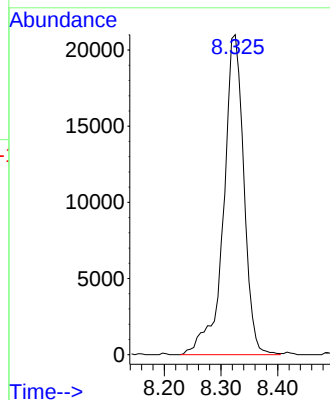
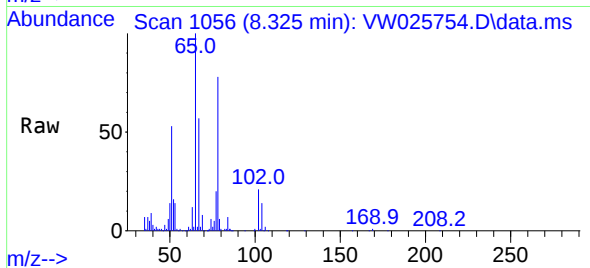




#33
Benzene
Concen: 2.153 ug/L
RT: 8.325 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

Instrument :
MSVOA_W
ClientSampleId :
DCCF2

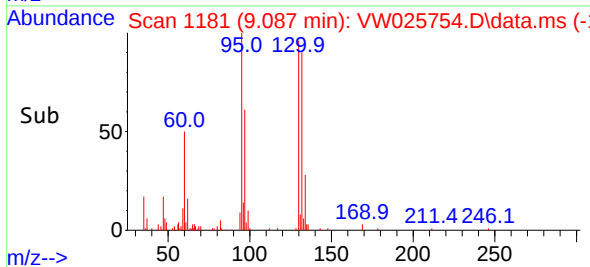
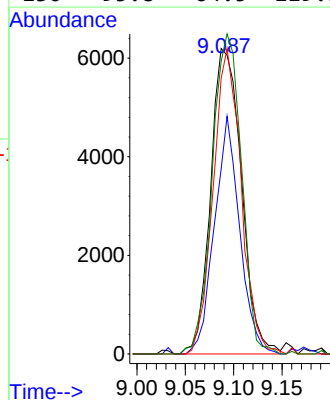
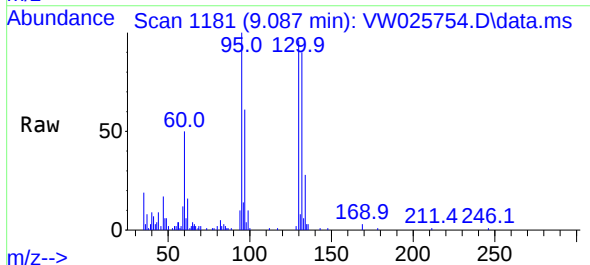
Tgt Ion: 78 Resp: 52199

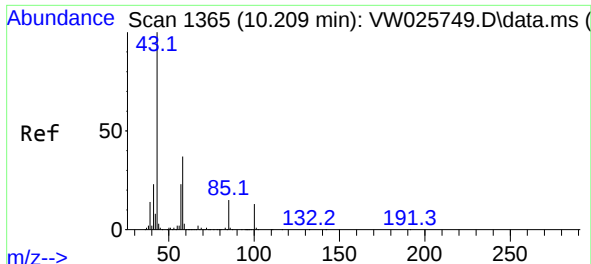


#34
Trichloroethene
Concen: 2.186 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

Tgt Ion: 95 Resp: 13690

Ion	Ratio	Lower	Upper
95	100		
97	60.6	44.7	83.1
132	90.3	65.0	120.6
130	95.8	64.5	119.9

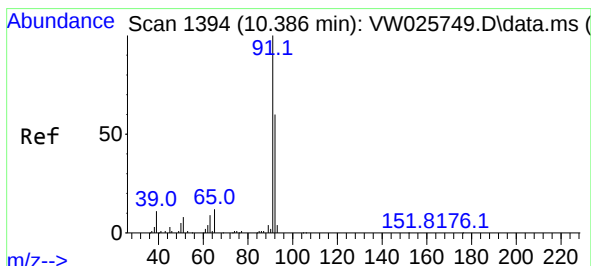
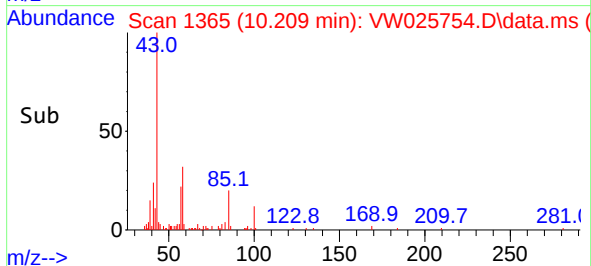
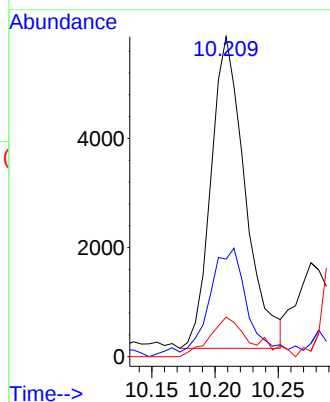
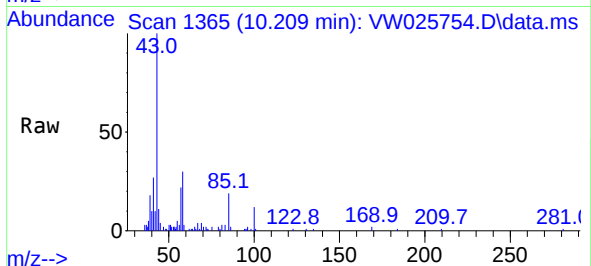




#40
4-Methyl-2-pentanone
Concen: 2.725 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

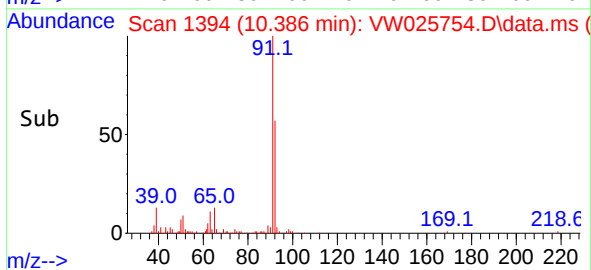
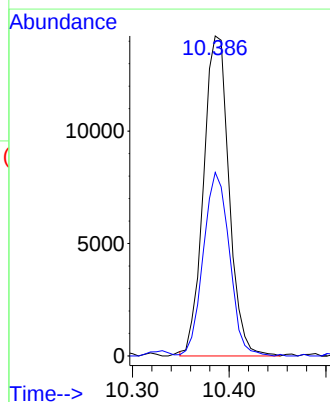
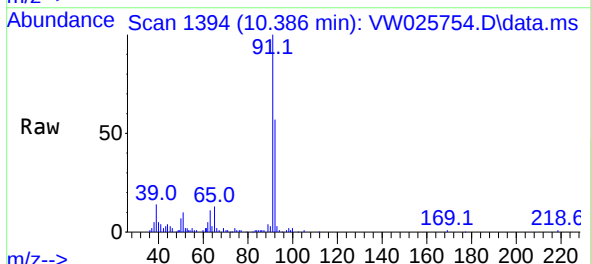
Instrument :
MSVOA_W
ClientSampleId :
DCCF2

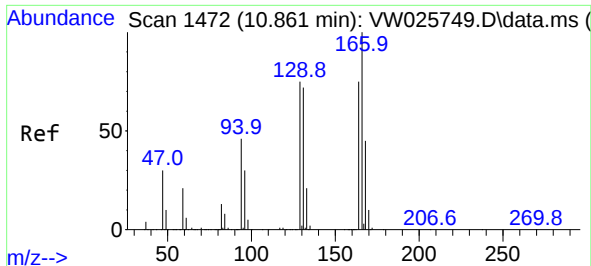
Tgt Ion:	43	Resp:	10739
Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.4	44.0
100	12.6	10.2	15.4



#42
Toluene
Concen: 1.058 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

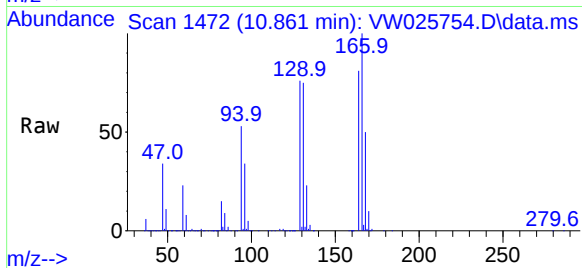
Tgt Ion:	91	Resp:	26164
Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.8	75.8



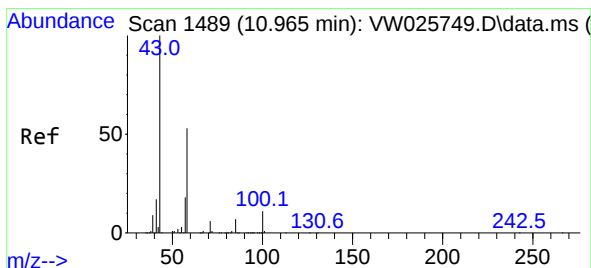
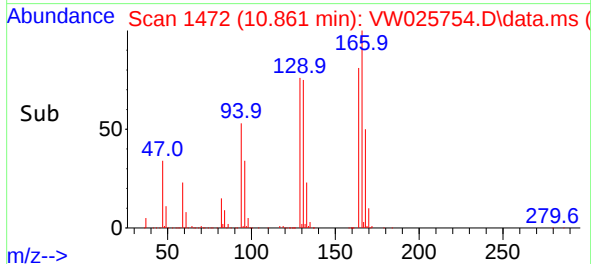
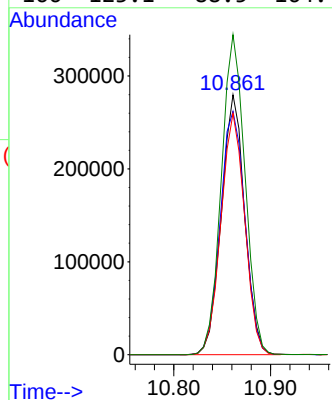


#46
Tetrachloroethene
Concen: 105.295 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025754.D
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Instrument :
MSVOA_W
ClientSampleId :
DCCF2

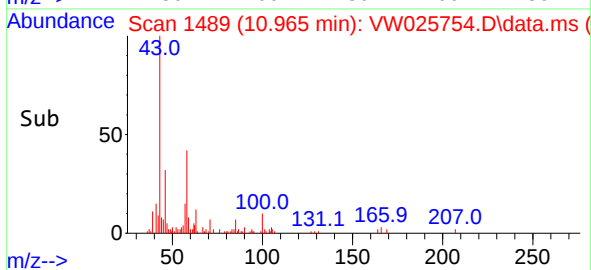
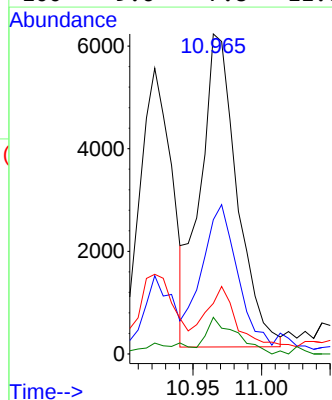
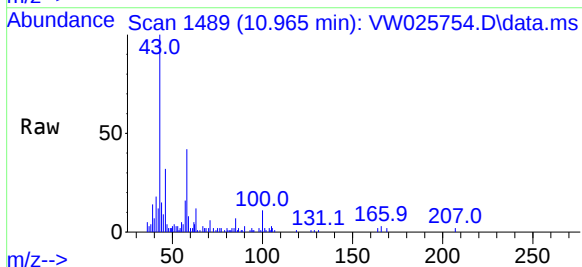


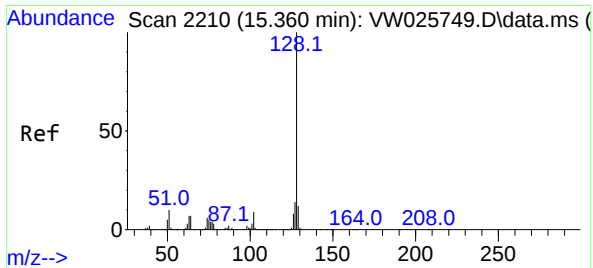
Tgt Ion:164 Resp: 466899
Ion Ratio Lower Upper
164 100
129 93.6 69.2 128.6
131 92.8 59.4 110.2
166 123.1 88.5 164.4



#48
2-Hexanone
Concen: 4.111 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

Tgt Ion: 43 Resp: 11411
Ion Ratio Lower Upper
43 100
58 47.6 40.3 60.5
57 20.5 13.8 20.8
100 9.6 7.8 11.6





#71
Naphthalene
Concen: 0.888 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025754.D
Acq: 28 Apr 2023 12:53

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	9606
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.5	15.7#
129	13.2	8.8	13.2

