

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041124\
 Data File : VW028399.D
 Acq On : 11 Apr 2024 13:25
 Operator : SY/MD
 Sample : P2052-12
 Misc : 2.56g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COAE8

Quant Time: Apr 12 00:57:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 00:55:02 2024
 Response via : Initial Calibration

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

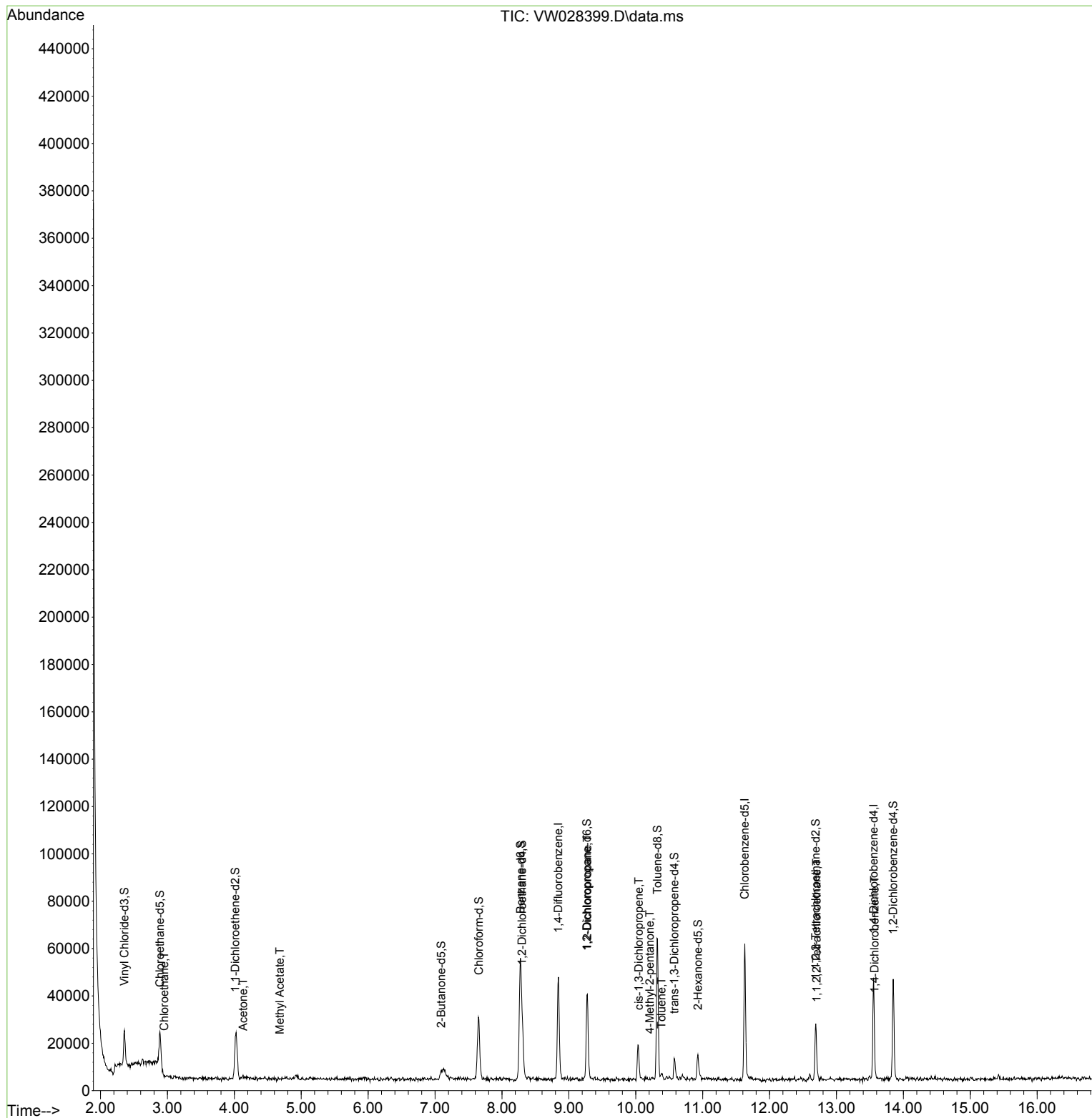
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	34277	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	29951	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	10202	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	15232	27.719	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.880%	
7) Chloroethane-d5	2.887	69	13291	31.912	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.640%	
11) 1,1-Dichloroethene-d2	4.015	65	2946	12.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 50.640%	
21) 2-Butanone-d5	7.094	46	5109	49.685	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.360%	
24) Chloroform-d	7.655	84	26857	30.027	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 120.120%	
26) 1,2-Dichloroethane-d4	8.301	65	16145	34.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 138.920%#	
32) Benzene-d6	8.276	84	50712	30.994	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 123.960%	
36) 1,2-Dichloropropane-d6	9.270	67	15704	32.289	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 129.160%#	
41) Toluene-d8	10.325	98	40160	26.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.960%	
43) trans-1,3-Dichloroprop...	10.575	79	5252	27.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.640%	
47) 2-Hexanone-d5	10.928	63	3224	47.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.720%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	11336	33.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 132.160%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	10137	31.419	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 125.680%#	
Target Compounds						Qvalue
8) Chloroethane	2.954	64	205	0.528	ug/L	92
13) Acetone	4.131	43	1103	8.736	ug/L	97
15) Methyl Acetate	4.679	43	97	0.477	ug/L #	54
37) 1,2-Dichloropropane	9.276	63	2187	4.481	ug/L	99
39) cis-1,3-Dichloropropene	10.044	75	731	1.021	ug/L #	48
40) 4-Methyl-2-pentanone	10.209	43	366	1.498	ug/L #	85
42) Toluene	10.386	91	1506	0.759	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.702	83	183	0.490	ug/L #	1
65) 1,4-Dichlorobenzene	13.568	146	360	0.545	ug/L #	34

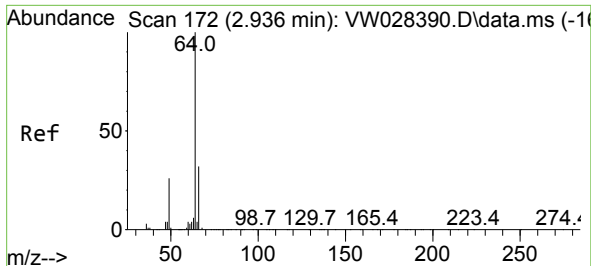
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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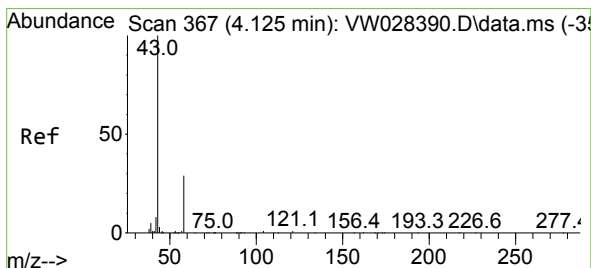
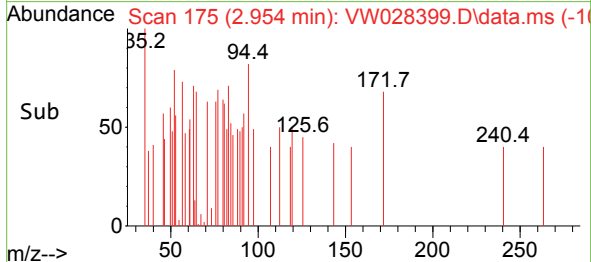
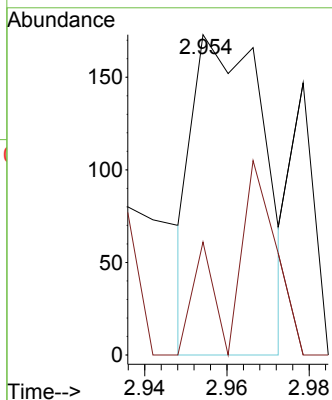
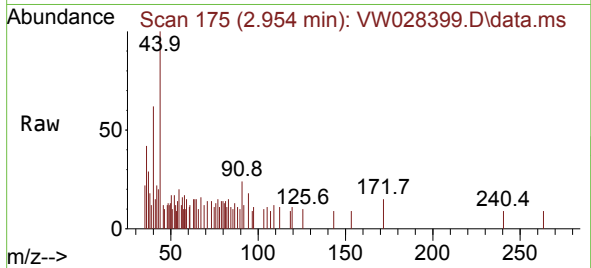




#8
Chloroethane
Concen: 0.528 ug/L
RT: 2.954 min Scan# 175
Delta R.T. 0.018 min
Lab File: VW028399.D
Acq: 11 Apr 2024 13:25

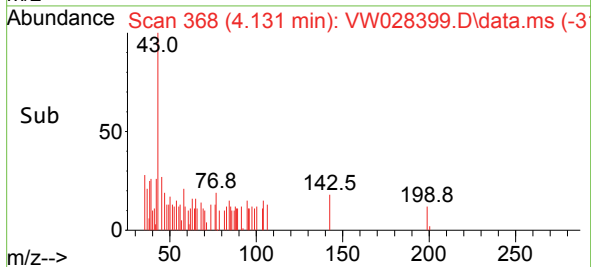
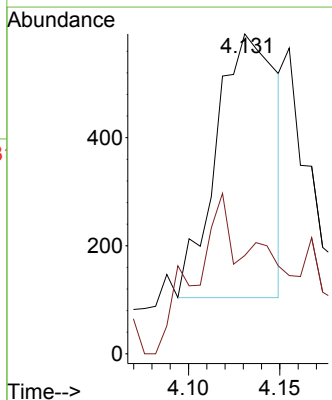
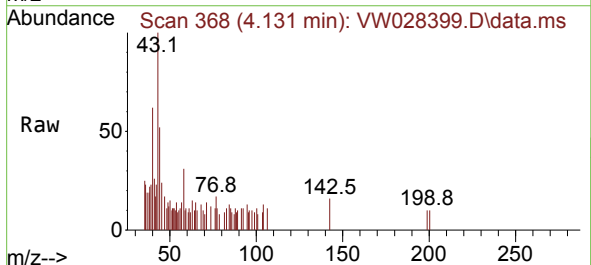
Instrument :
MSVOA_W
ClientSampleId :
C0AE8

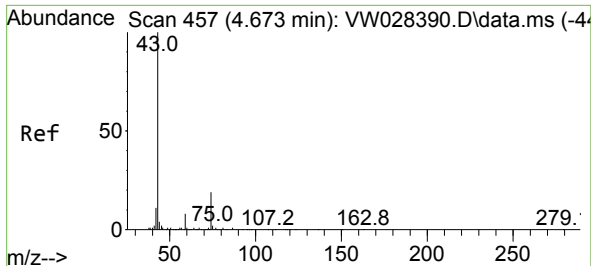
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 35.3 21.7 40.3



#13
Acetone
Concen: 8.736 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028399.D
Acq: 11 Apr 2024 13:25

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 28.3 0.0 53.4

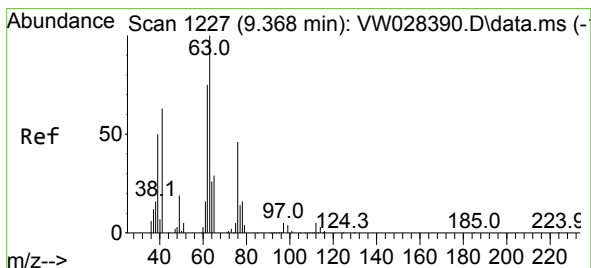
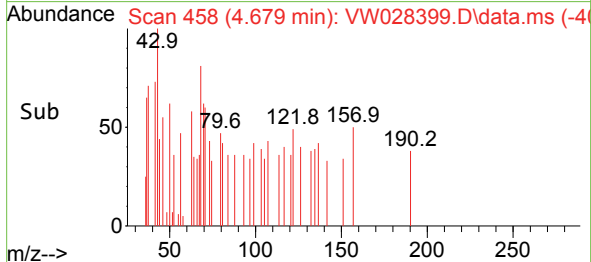
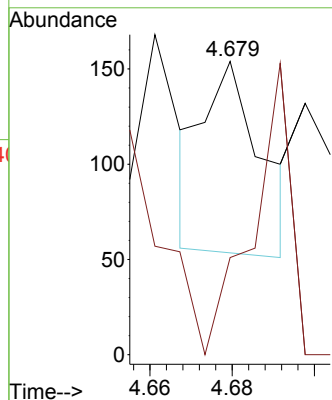
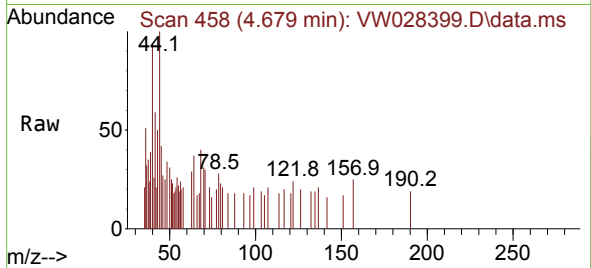




#15
Methyl Acetate
Concen: 0.477 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028399.D
Acq: 11 Apr 2024 13:25

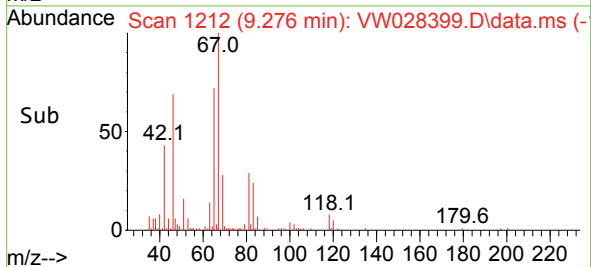
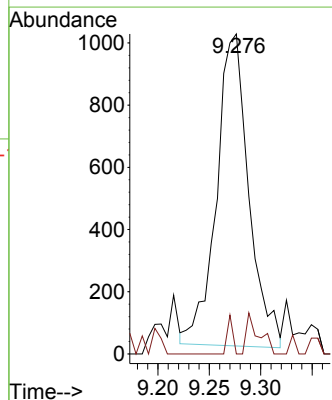
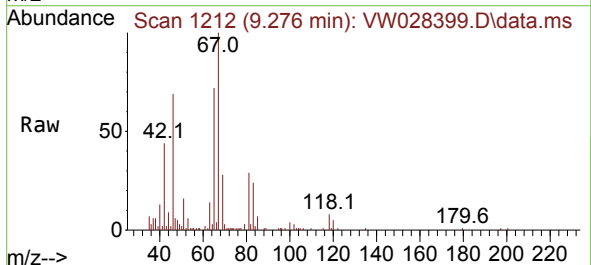
Instrument :
MSVOA_W
ClientSampleId :
C0AE8

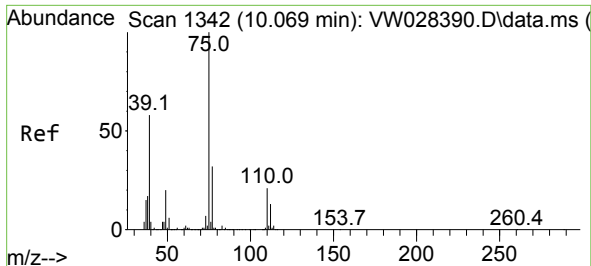
Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#37
1,2-Dichloropropane
Concen: 4.481 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.091 min
Lab File: VW028399.D
Acq: 11 Apr 2024 13:25

Tgt Ion: 63 Resp: 2187
Ion Ratio Lower Upper
63 100
112 4.0 3.6 5.4





#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 10.044 min Scan# 11

Delta R.T. -0.024 min

Lab File: VW028399.D

Acq: 11 Apr 2024 13:25

Instrument :

MSVOA_W

ClientSampleId :

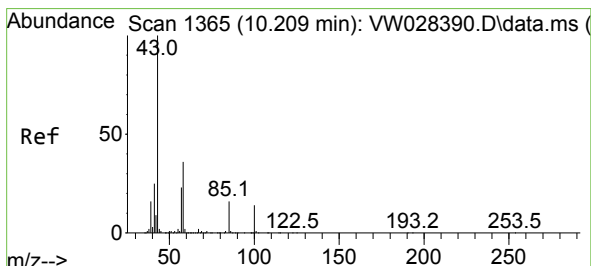
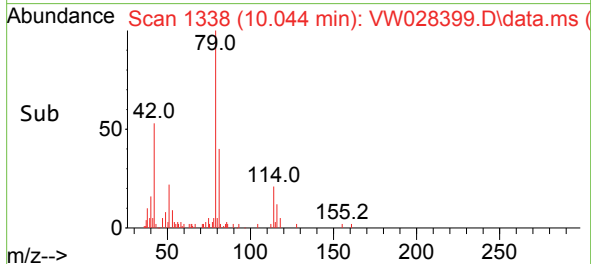
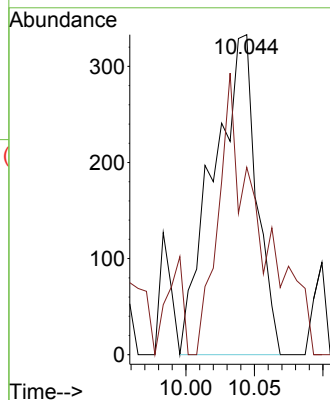
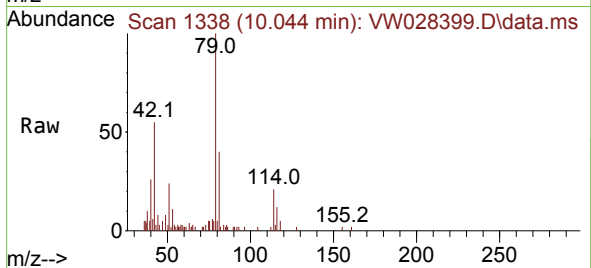
C0AE8

Tgt Ion: 75 Resp: 731

Ion Ratio Lower Upper

75 100

77 58.6 21.3 39.5#



#40

4-Methyl-2-pentanone

Concen: 1.498 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028399.D

Acq: 11 Apr 2024 13:25

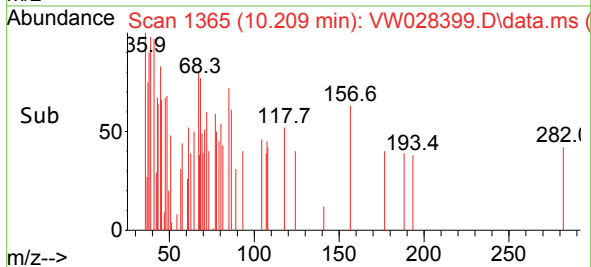
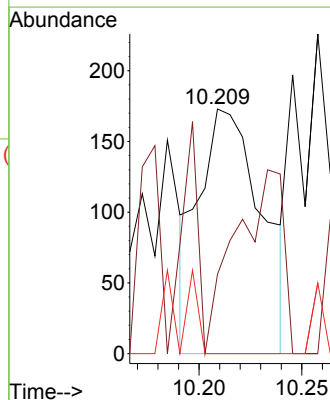
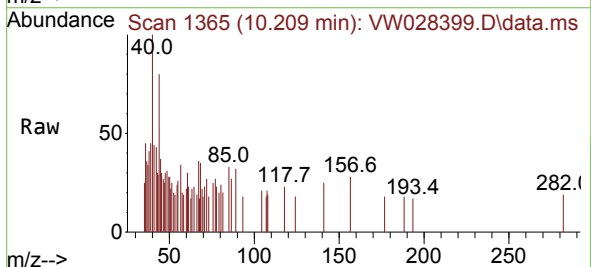
Tgt Ion: 43 Resp: 366

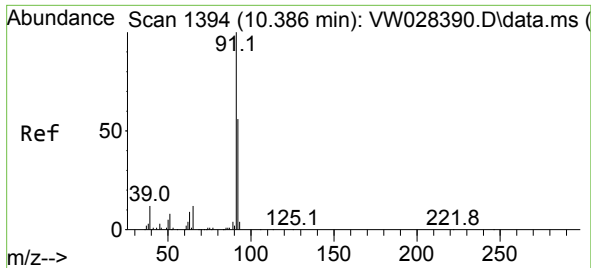
Ion Ratio Lower Upper

43 100

58 30.9 28.6 43.0

100 0.0 10.6 16.0#

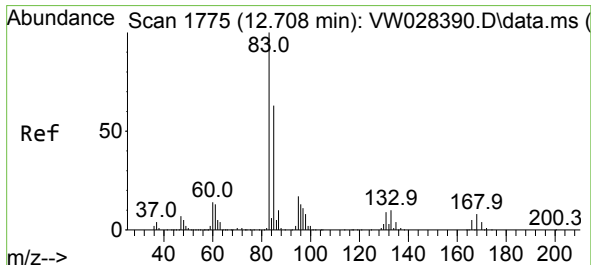
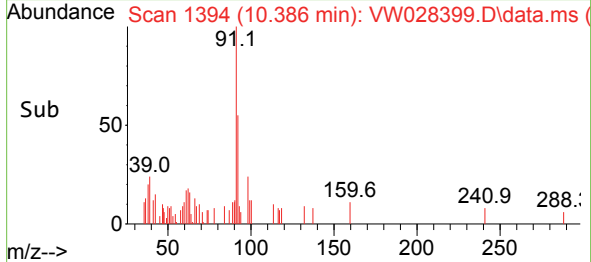
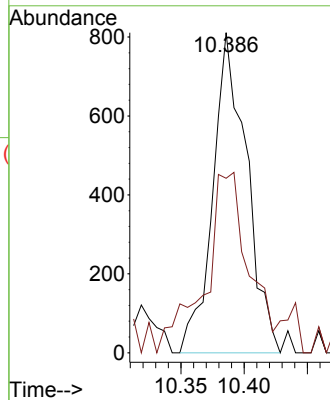
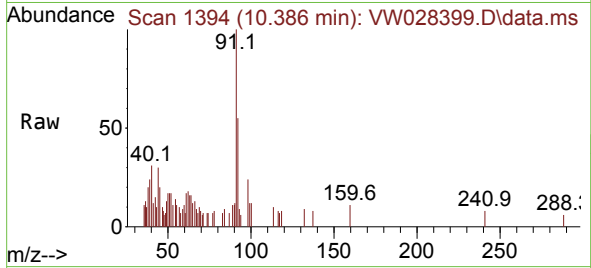




#42
Toluene
Concen: 0.759 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028399.D
Acq: 11 Apr 2024 13:25

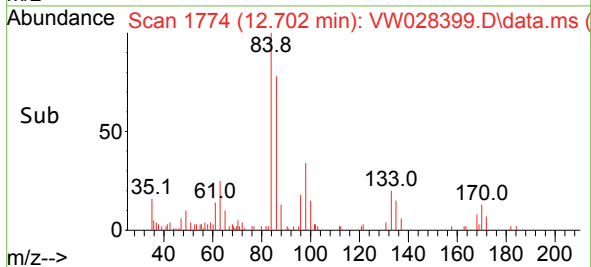
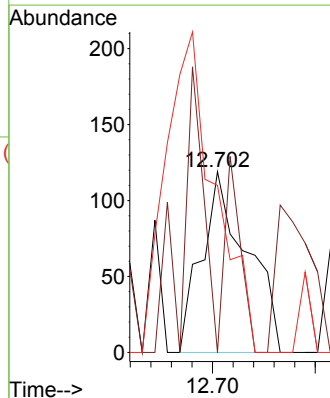
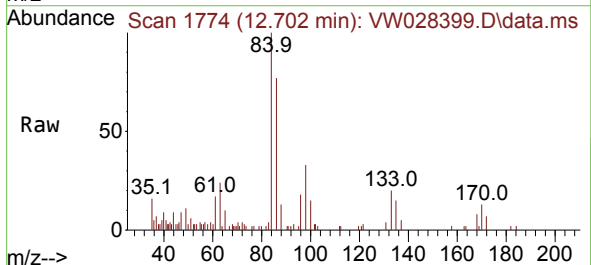
Instrument :
MSVOA_W
ClientSampleId :
C0AE8

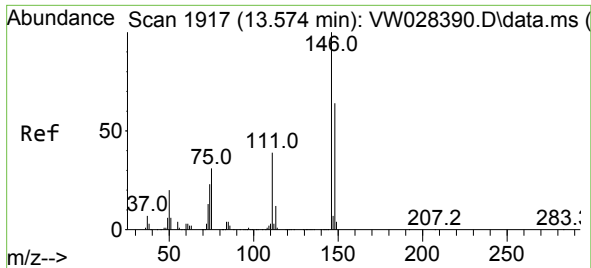
Tgt Ion: 91 Resp: 1506
Ion Ratio Lower Upper
91 100
92 54.5 41.1 76.3



#57
1,1,2,2-Tetrachloroethane
Concen: 0.490 ug/L
RT: 12.702 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VW028399.D
Acq: 11 Apr 2024 13:25

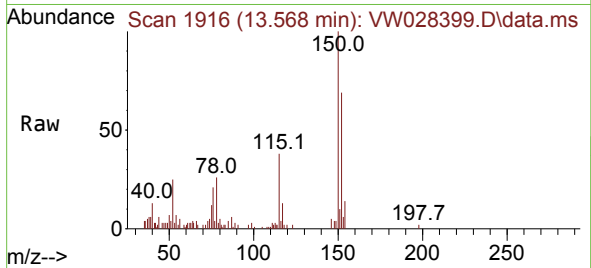
Tgt Ion: 83 Resp: 183
Ion Ratio Lower Upper
83 100
85 0.0 43.4 80.6#
131 92.4 8.0 12.0#





#65
 1,4-Dichlorobenzene
 Concen: 0.545 ug/L
 RT: 13.568 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: VW028399.D
 Acq: 11 Apr 2024 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE8



Tgt Ion:	146	Resp:	360
Ion	Ratio	Lower	Upper
146	100		
111	54.2	30.3	56.3
148	145.3	47.3	87.8#

