

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061414.D
 Acq On : 04 Nov 2024 17:47
 Operator : MD/SY
 Sample : P4690-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH2

Quant Time: Nov 05 00:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

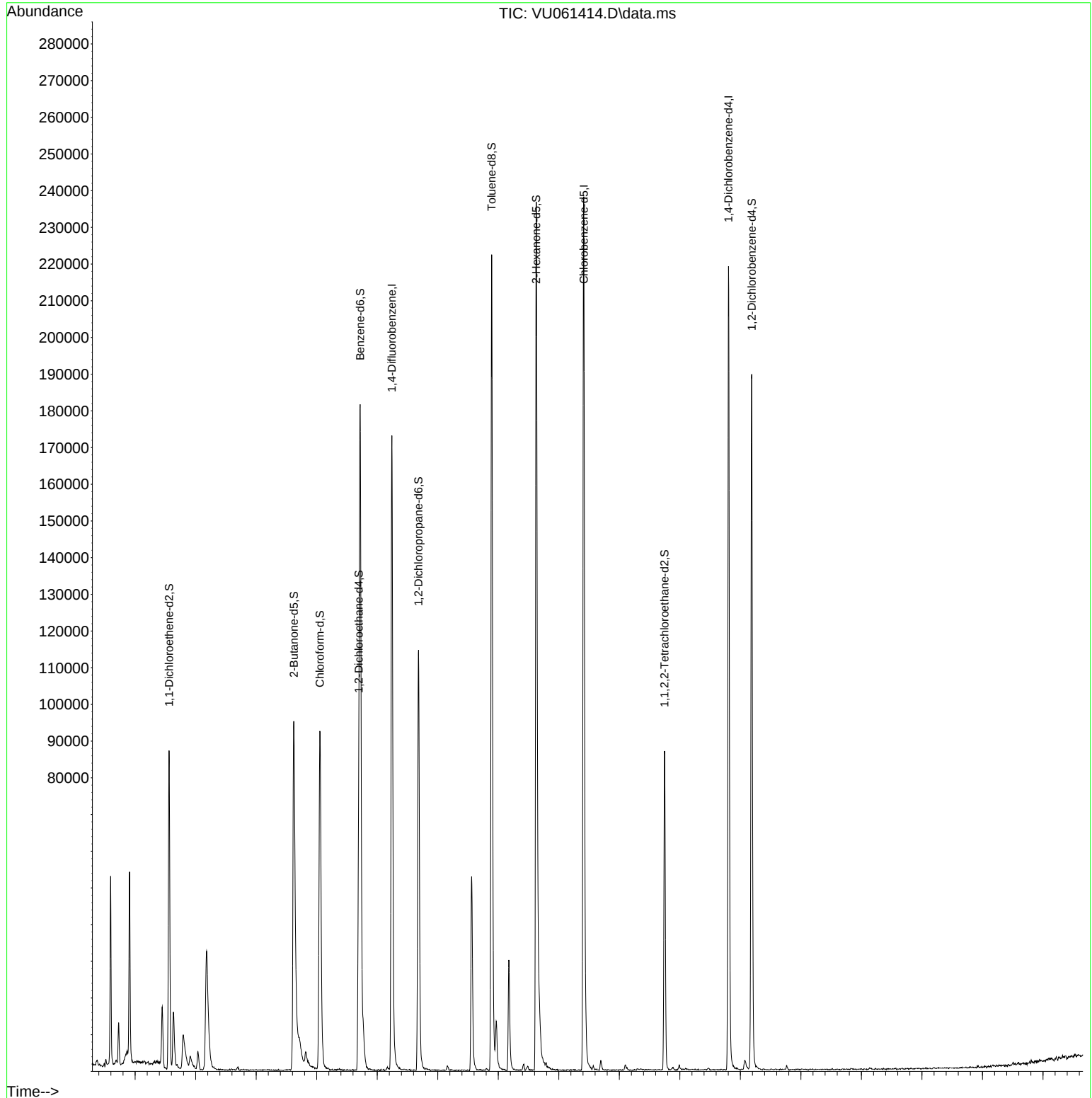
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152886	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33836	3.258	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.908	69	36168	3.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	15817	3.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.621	46	106250	50.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	5.052	84	88170	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	46544	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	177720	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.682	67	56317	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	157947	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	18953	3.881	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.628	63	88143	44.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	43774	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	53553	4.981	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
13) Acetone	2.631	43	18994	14.222	ug/L	100
14) Carbon disulfide	2.789	76	7471	0.248	ug/L #	94
16) Methylene chloride	3.040	84	2525	0.237	ug/L	87
21) 2-Butanone	4.715	43	6328	2.989	ug/L	98
25) Chloroform	5.081	83	4781	0.241	ug/L	99
33) Benzene	5.769	78	7690	0.176	ug/L	100
42) Toluene	7.969	91	10136	0.214	ug/L	97
51) Chlorobenzene	9.441	112	4760	0.159	ug/L	95

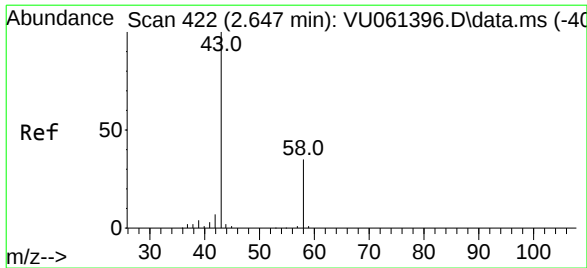
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.222 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU061414.D

Acq: 04 Nov 2024 17:47

Instrument :

MSVOA_U

ClientSampleId :

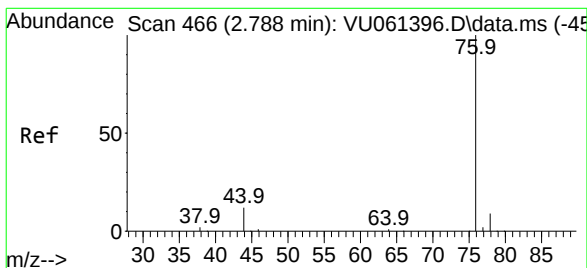
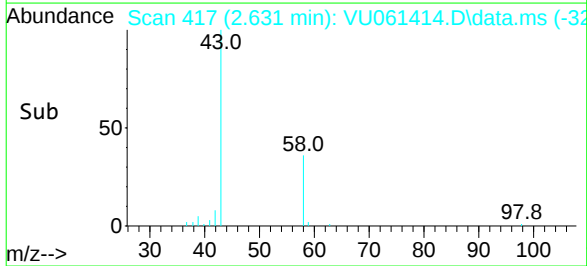
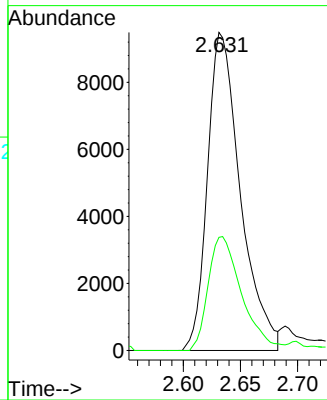
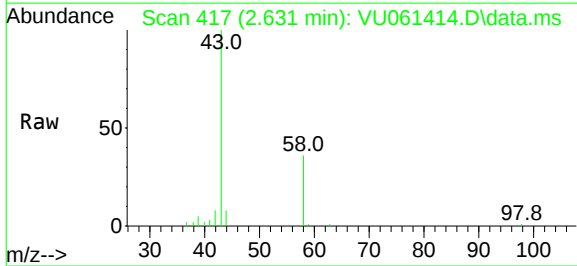
C0CH2

Tgt Ion: 43 Resp: 18994

Ion Ratio Lower Upper

43 100

58 36.5 0.0 73.2



#14

Carbon disulfide

Concen: 0.248 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061414.D

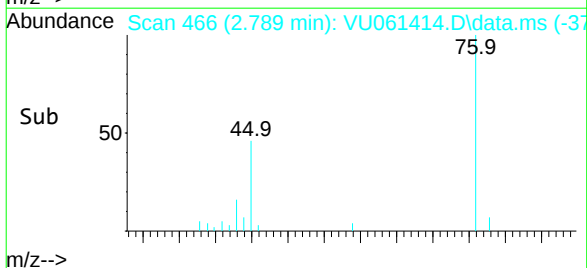
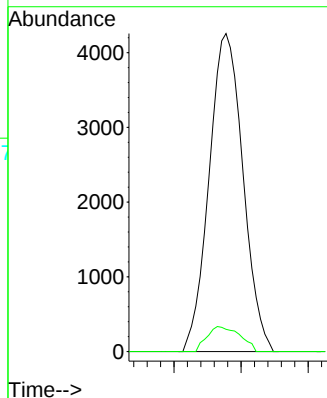
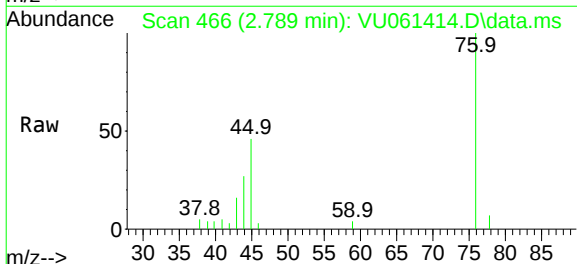
Acq: 04 Nov 2024 17:47

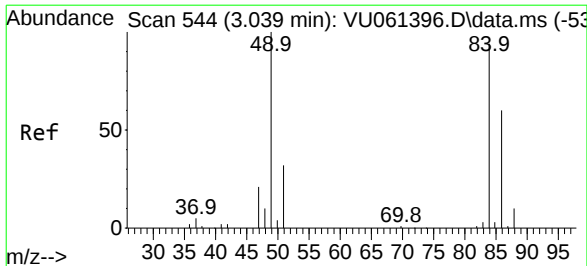
Tgt Ion: 76 Resp: 7471

Ion Ratio Lower Upper

76 100

78 7.0 7.4 11.2#





#16

Methylene chloride

Concen: 0.237 ug/L

RT: 3.040 min Scan# 54

Delta R.T. 0.000 min

Lab File: VU061414.D

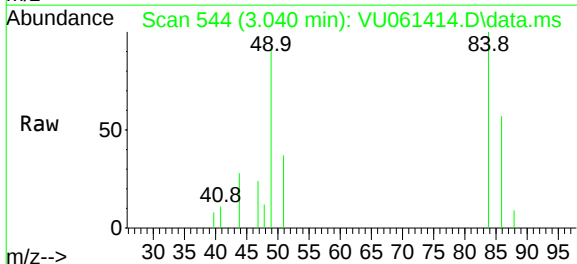
Acq: 04 Nov 2024 17:47

Instrument :

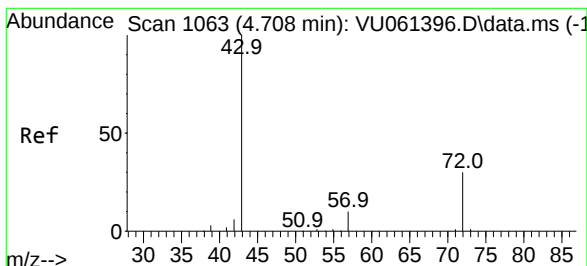
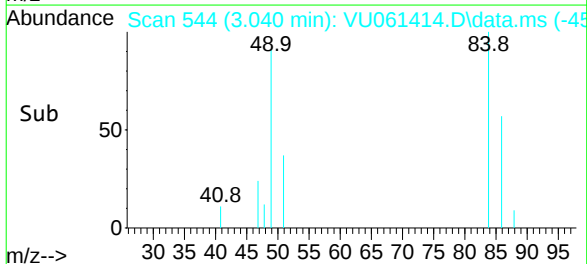
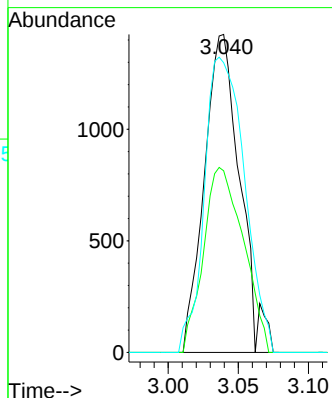
MSVOA_U

ClientSampleId :

C0CH2



Tgt Ion:	84	Resp:	2525
Ion	Ratio	Lower	Upper
84	100		
86	57.1	43.5	80.7
49	91.1	75.7	140.7



#21

2-Butanone

Concen: 2.989 ug/L

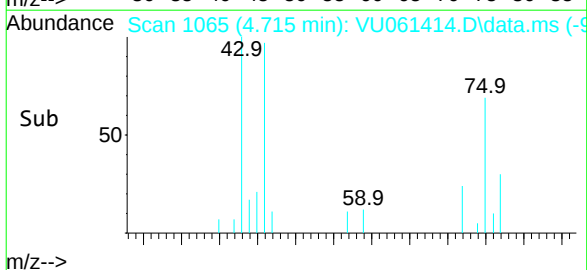
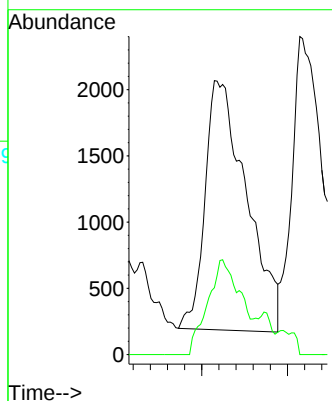
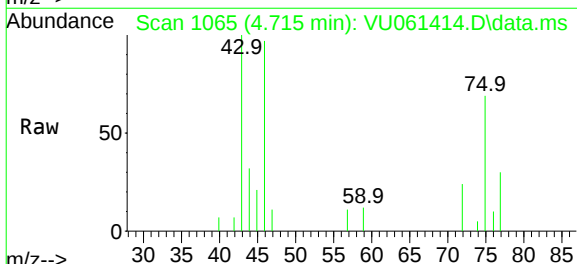
RT: 4.715 min Scan# 1065

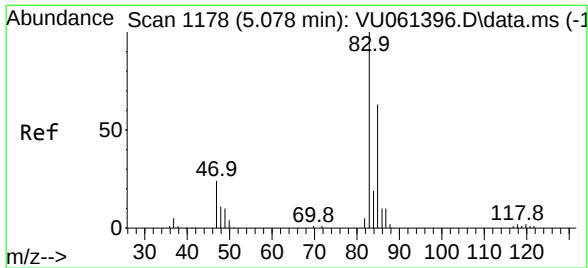
Delta R.T. 0.010 min

Lab File: VU061414.D

Acq: 04 Nov 2024 17:47

Tgt Ion:	43	Resp:	6328
Ion	Ratio	Lower	Upper
43	100		
72	30.3	15.9	47.6

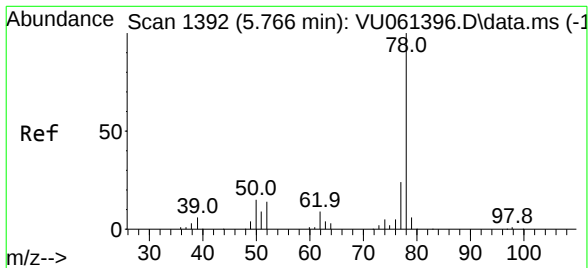
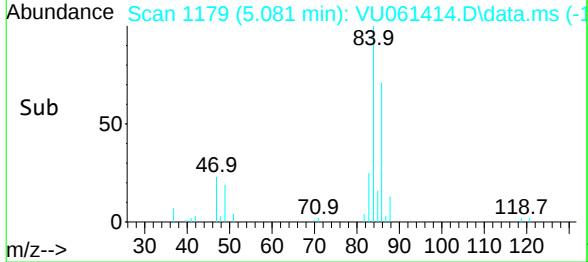
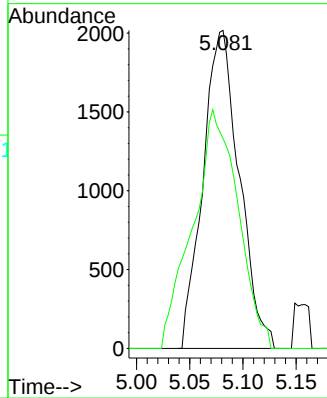
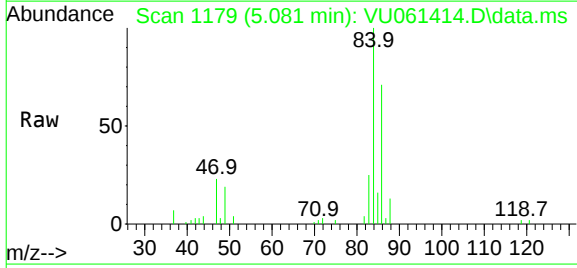




#25
Chloroform
Concen: 0.241 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.004 min
Lab File: VU061414.D
Acq: 04 Nov 2024 17:47

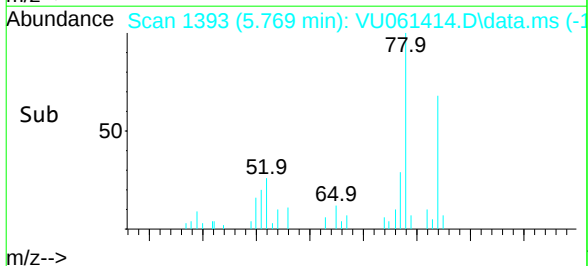
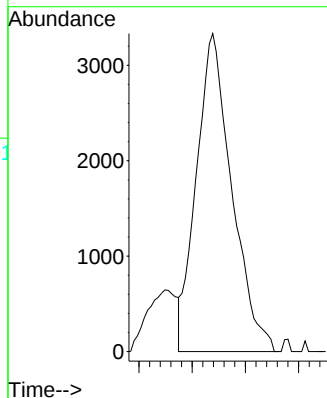
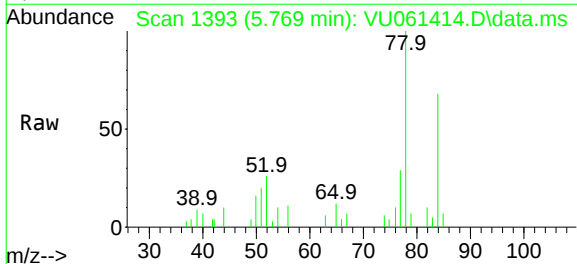
Instrument :
MSVOA_U
ClientSampleId :
C0CH2

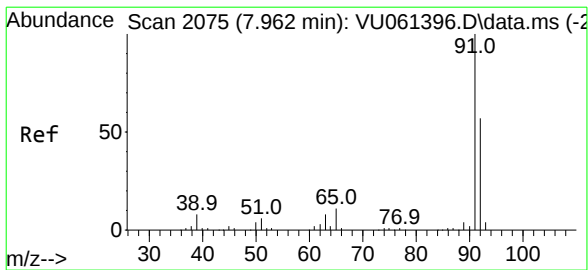
Tgt Ion: 83 Resp: 4781
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.6



#33
Benzene
Concen: 0.176 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.004 min
Lab File: VU061414.D
Acq: 04 Nov 2024 17:47

Tgt Ion: 78 Resp: 7690





#42

Toluene

Concen: 0.214 ug/L

RT: 7.969 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU061414.D

Acq: 04 Nov 2024 17:47

Instrument :

MSVOA_U

ClientSampleId :

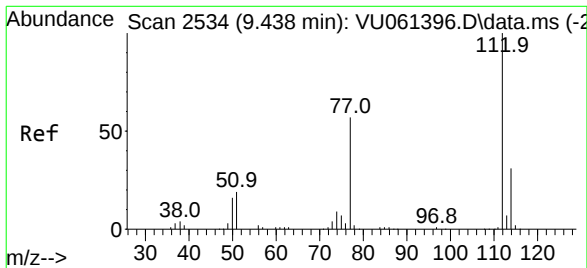
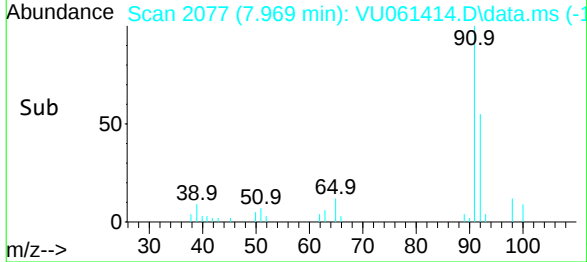
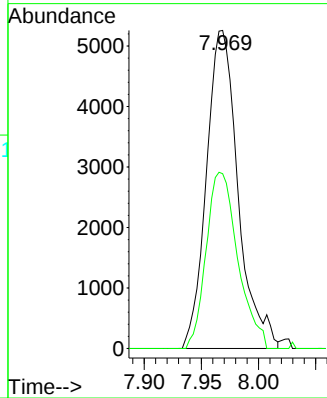
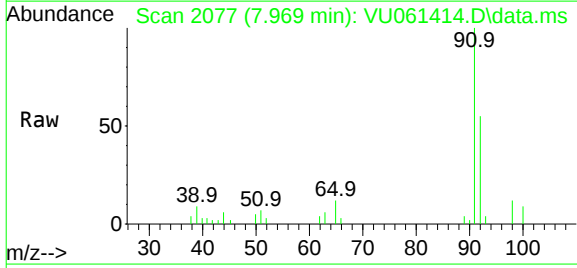
C0CH2

Tgt Ion: 91 Resp: 10136

Ion Ratio Lower Upper

91 100

92 54.9 40.3 74.8



#51

Chlorobenzene

Concen: 0.159 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU061414.D

Acq: 04 Nov 2024 17:47

Tgt Ion: 112 Resp: 4760

Ion Ratio Lower Upper

112 100

114 31.7 22.9 42.5

77 64.0 47.1 70.7

