

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061383.D
 Acq On : 02 Nov 2024 00:26
 Operator : MD/SY
 Sample : P4668-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

Quant Time: Nov 04 05:09:01 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)

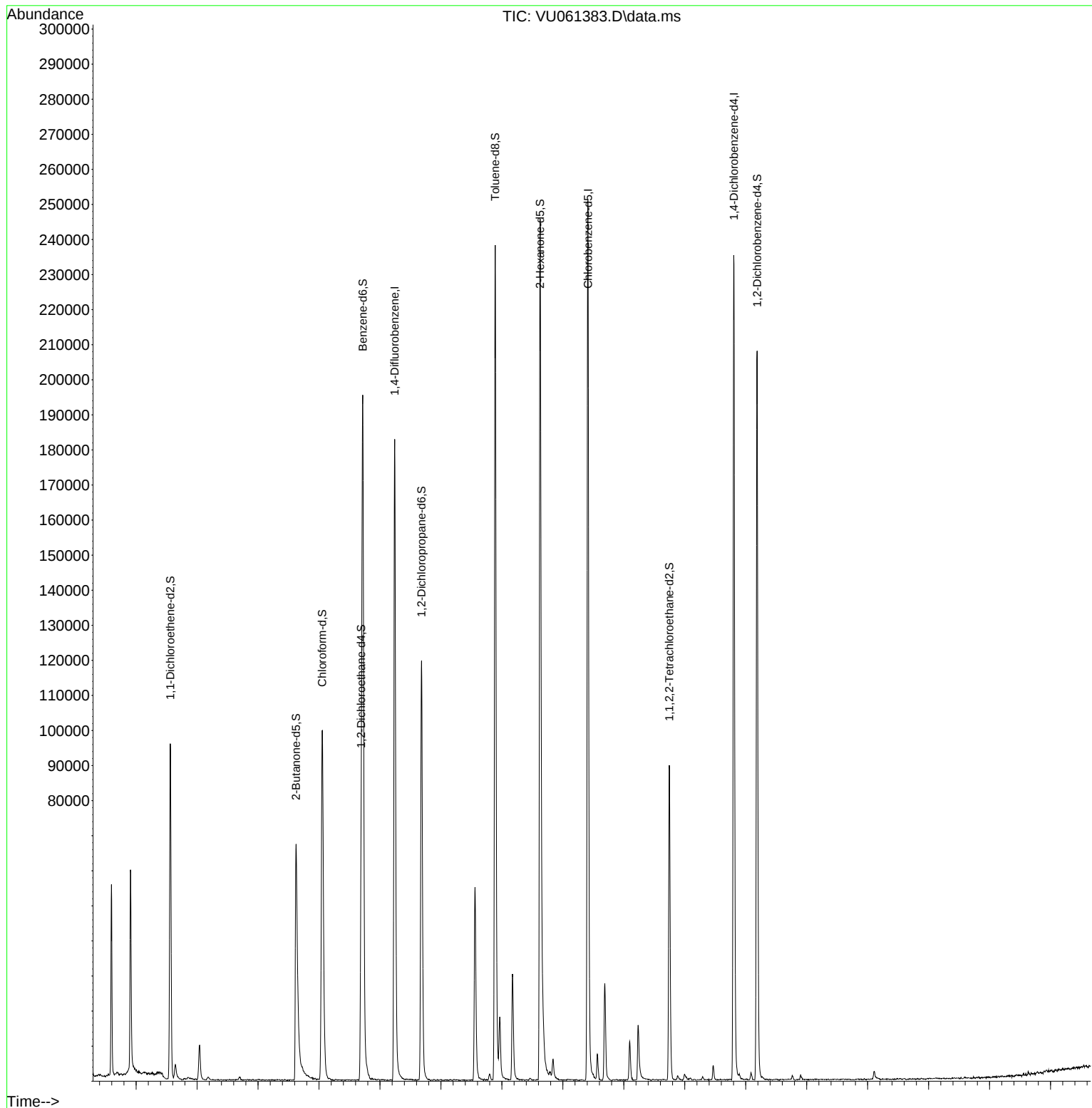
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37477	3.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.907	69	40678	4.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	17462	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.624	46	110840	50.699	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.400%
24) Chloroform-d	5.052	84	94633	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.692	65	49094	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.718	84	190752	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	59676	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	168935	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	19365	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.627	63	92571	44.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44968	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	57661	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
13) Acetone	2.641	43	5910	4.268	ug/L	93
16) Methylene chloride	3.036	84	5203	0.471	ug/L	98
25) Chloroform	5.078	83	9592	0.467	ug/L	100
42) Toluene	7.965	91	13873	0.278	ug/L	97
52) Ethylbenzene	9.566	91	6040	0.110	ug/L	95
53) m,p-Xylene	9.688	106	8859	0.424	ug/L	97
54) o-Xylene	10.097	106	3768	0.183	ug/L	82
57) 1,1,2,2-Tetrachloroethane	10.772	83	1980	0.196	ug/L #	97
63) 1,2,4-Trimethylbenzene	11.467	105	3100	0.078	ug/L	95

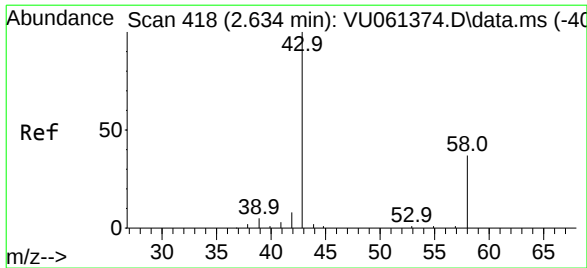
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.268 ug/L

RT: 2.641 min Scan# 42

Delta R.T. -0.003 min

Lab File: VU061383.D

Acq: 02 Nov 2024 00:26

Instrument :

MSVOA_U

ClientSampleId :

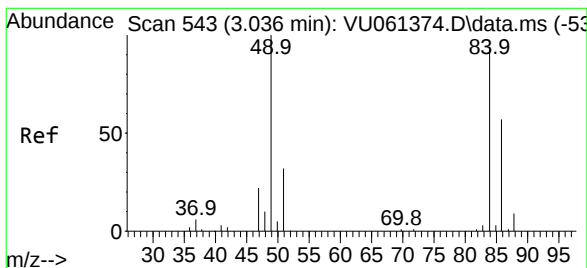
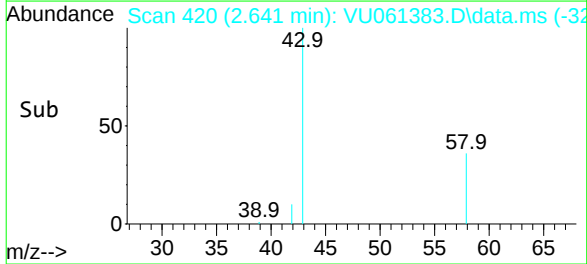
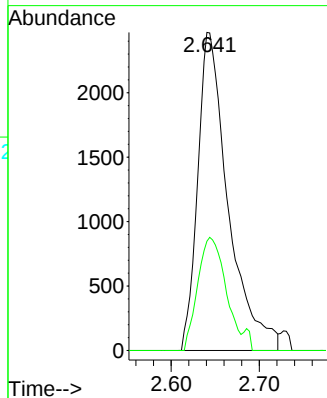
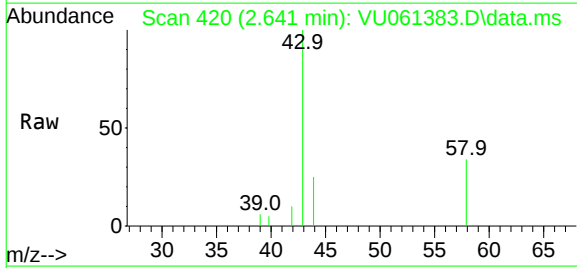
C0AE2

Tgt Ion: 43 Resp: 5910

Ion Ratio Lower Upper

43 100

58 32.6 0.0 73.2



#16

Methylene chloride

Concen: 0.471 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061383.D

Acq: 02 Nov 2024 00:26

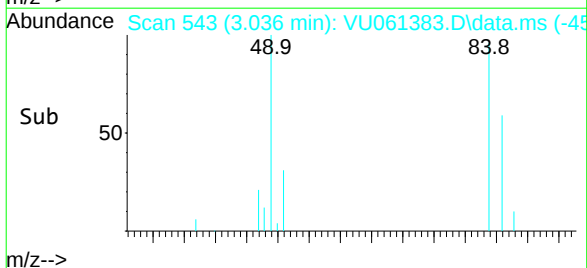
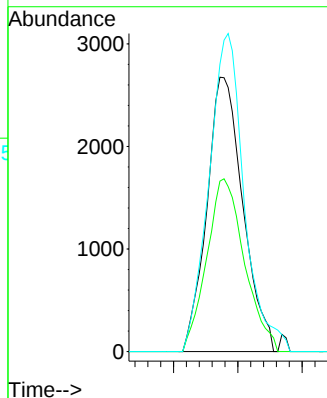
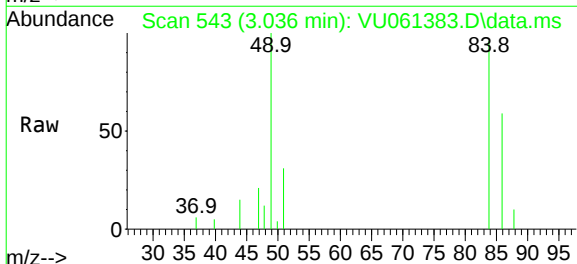
Tgt Ion: 84 Resp: 5203

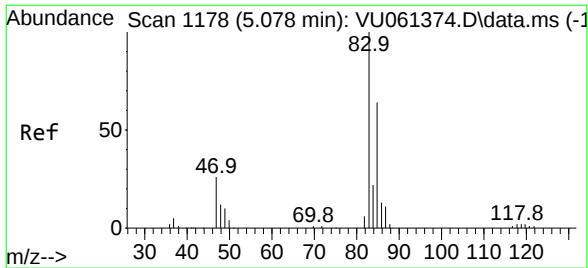
Ion Ratio Lower Upper

84 100

86 62.1 43.5 80.7

49 104.7 75.7 140.7

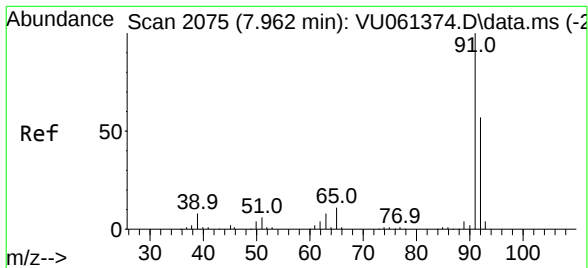
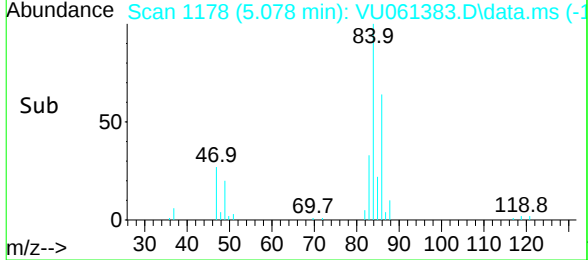
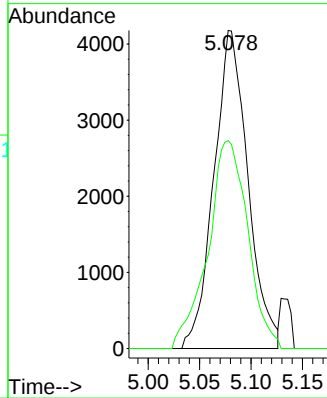
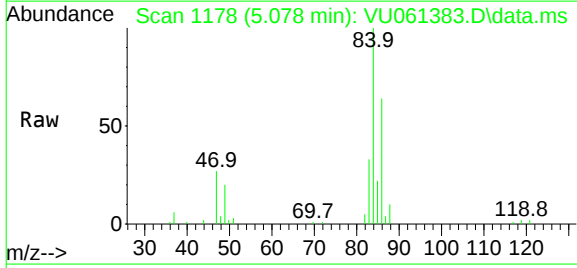




#25
Chloroform
Concen: 0.467 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061383.D
Acq: 02 Nov 2024 00:26

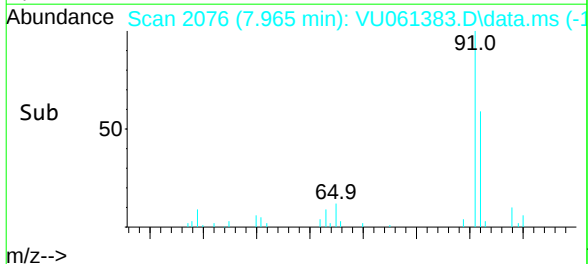
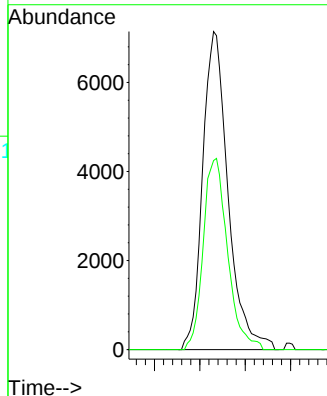
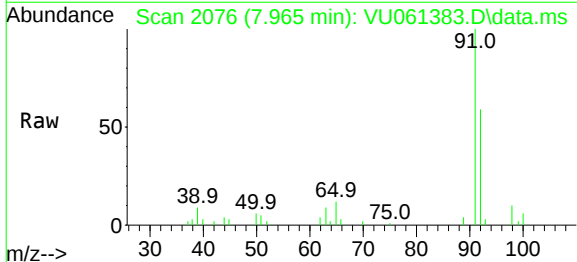
Instrument :
MSVOA_U
ClientSampleId :
C0AE2

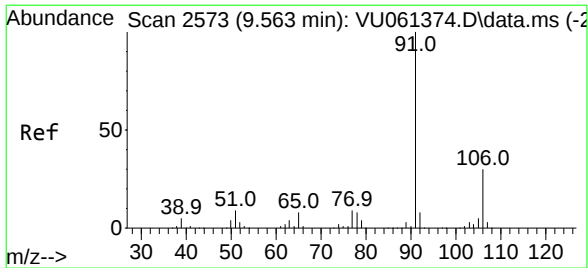
Tgt Ion: 83 Resp: 9592
Ion Ratio Lower Upper
83 100
85 65.4 45.6 84.6



#42
Toluene
Concen: 0.278 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061383.D
Acq: 02 Nov 2024 00:26

Tgt Ion: 91 Resp: 13873
Ion Ratio Lower Upper
91 100
92 59.4 40.3 74.8

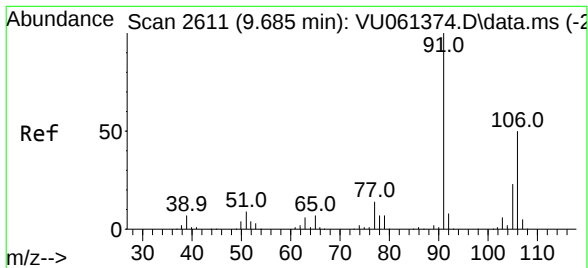
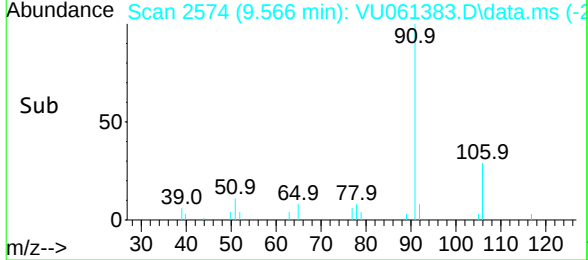
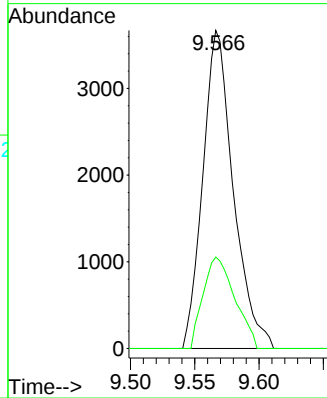
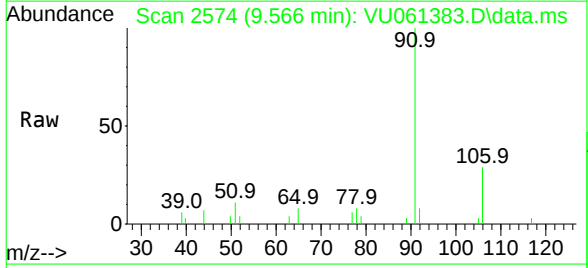




#52
 Ethylbenzene
 Concen: 0.110 ug/L
 RT: 9.566 min Scan# 2573
 Delta R.T. 0.003 min
 Lab File: VU061383.D
 Acq: 02 Nov 2024 00:26

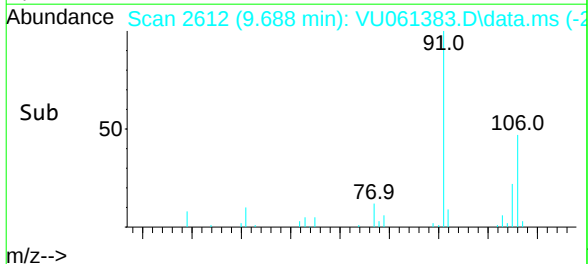
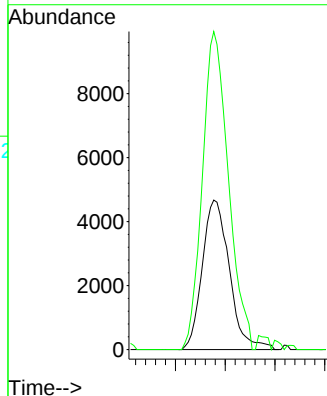
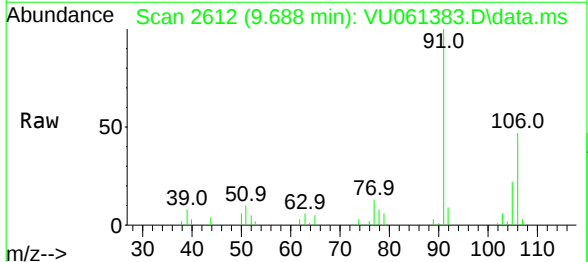
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

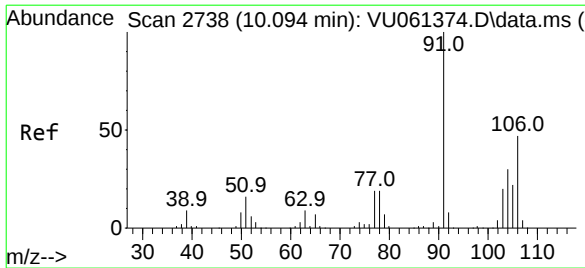
Tgt Ion: 91 Resp: 6040
 Ion Ratio Lower Upper
 91 100
 106 28.8 22.0 41.0



#53
 m,p-Xylene
 Concen: 0.424 ug/L
 RT: 9.688 min Scan# 2612
 Delta R.T. 0.000 min
 Lab File: VU061383.D
 Acq: 02 Nov 2024 00:26

Tgt Ion: 106 Resp: 8859
 Ion Ratio Lower Upper
 106 100
 91 212.7 145.7 270.7





#54

o-Xylene

Concen: 0.183 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU061383.D

Acq: 02 Nov 2024 00:26

Instrument :

MSVOA_U

ClientSampleId :

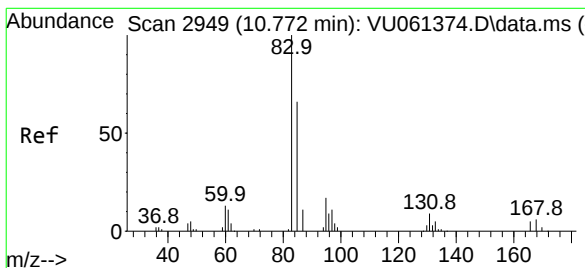
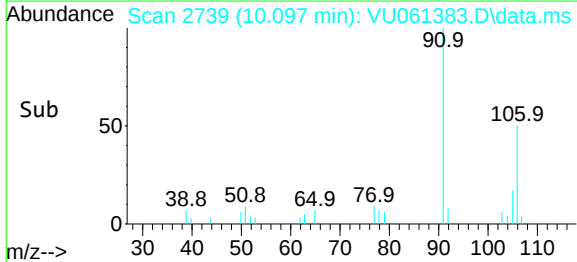
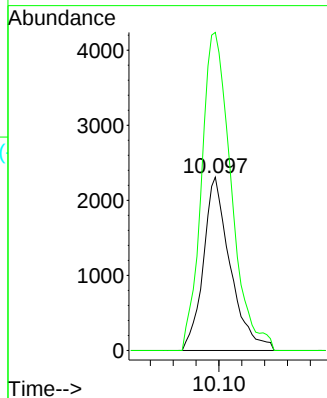
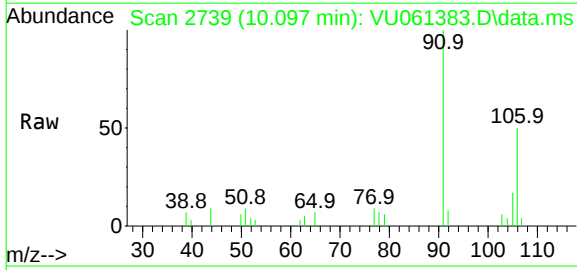
C0AE2

Tgt Ion:106 Resp: 3768

Ion Ratio Lower Upper

106 100

91 183.5 148.8 276.4



#57

1,1,2,2-Tetrachloroethane

Concen: 0.196 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061383.D

Acq: 02 Nov 2024 00:26

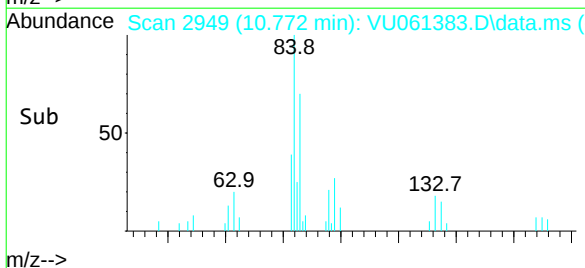
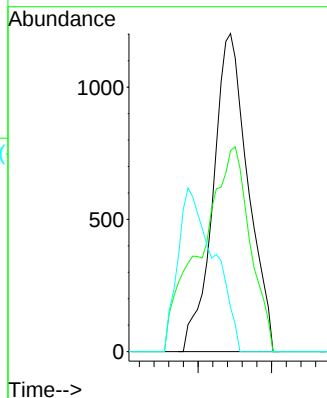
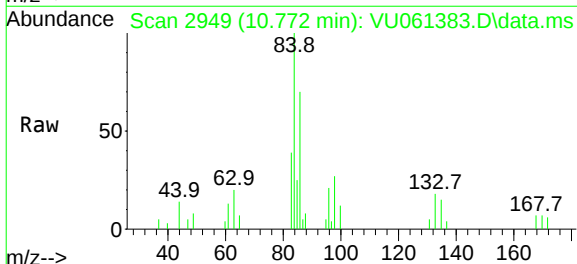
Tgt Ion: 83 Resp: 1980

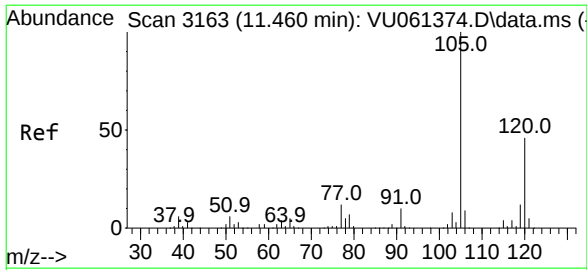
Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1

131 13.9 7.6 11.4#





#63
1,2,4-Trimethylbenzene
Concen: 0.078 ug/L
RT: 11.467 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU061383.D
Acq: 02 Nov 2024 00:26

Instrument :
MSVOA_U
ClientSampleId :
C0AE2

Tgt Ion:105 Resp: 3100
Ion Ratio Lower Upper
105 100
120 41.2 35.4 53.0

