

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
 Data File : VU061202.D
 Acq On : 24 Oct 2024 16:34
 Operator : MD/SY
 Sample : P4533-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNW8

Quant Time: Oct 25 02:37:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 25 02:35:03 2024
 Response via : Initial Calibration

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

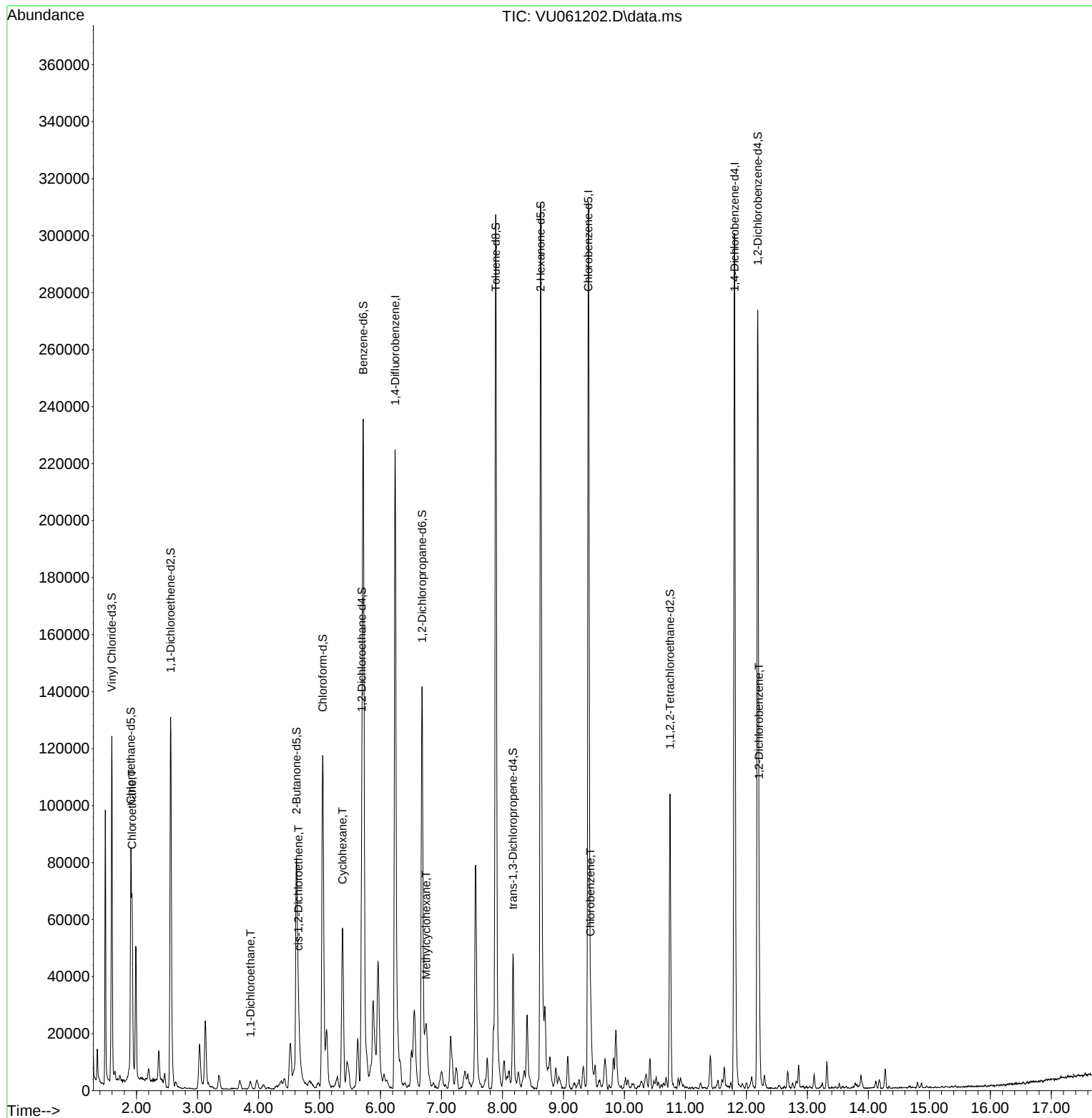
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55055	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.907	69	53683	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	24757	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.624	46	119803	44.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	5.055	84	110667	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	59761	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.718	84	229313	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.682	67	70387	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.891	98	215305	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	27834	4.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.627	63	115353	45.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52552	4.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	68281	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.927	64	33755	3.044	ug/L	98
19) 1,1-Dichloroethane	3.869	63	3643	0.152	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	4757	0.327	ug/L	86
30) Cyclohexane	5.377	56	28345	1.285	ug/L	97
35) Methylcyclohexane	6.750	83	6351	0.264	ug/L #	52
51) Chlorobenzene	9.444	112	7357	0.193	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	14964	0.604	ug/L	98

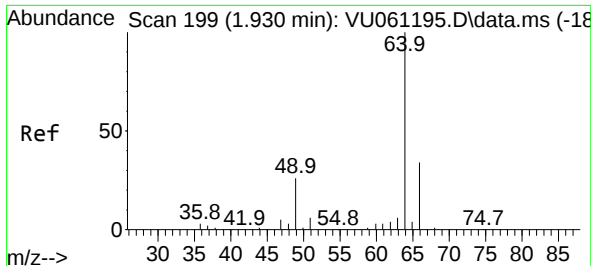
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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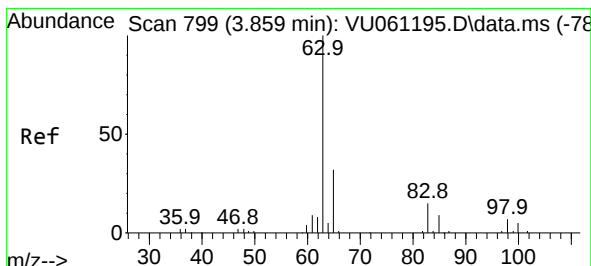
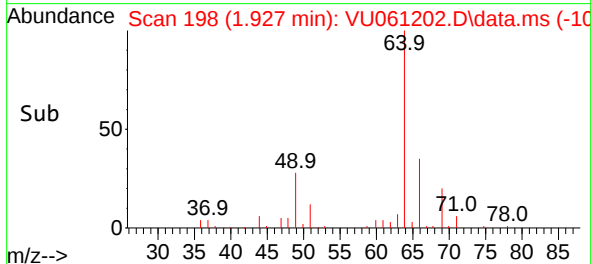
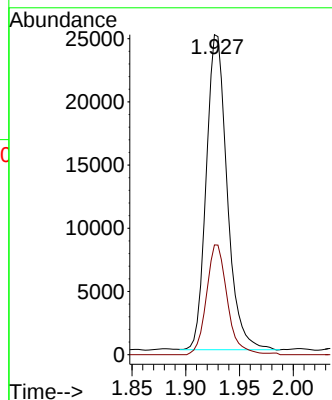
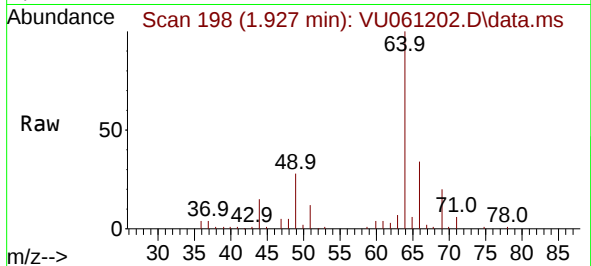




#8
Chloroethane
Concen: 3.044 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU061202.D
Acq: 24 Oct 2024 16:34

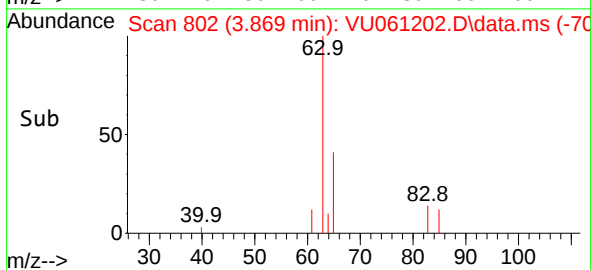
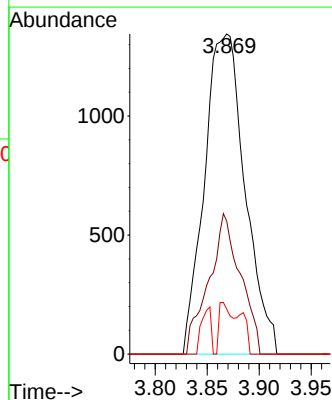
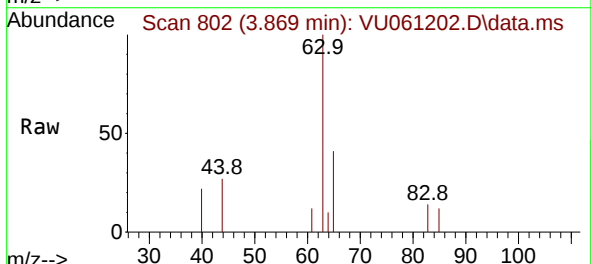
Instrument :
MSVOA_U
ClientSampleId :
GCNW8

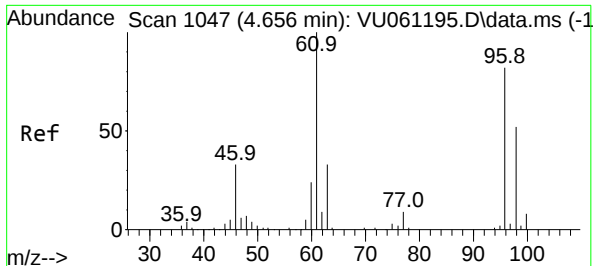
Tgt Ion: 64 Resp: 33755
Ion Ratio Lower Upper
64 100
66 34.3 23.1 42.9



#19
1,1-Dichloroethane
Concen: 0.152 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.010 min
Lab File: VU061202.D
Acq: 24 Oct 2024 16:34

Tgt Ion: 63 Resp: 3643
Ion Ratio Lower Upper
63 100
65 41.5 23.0 42.6
83 14.0 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 0.327 ug/L

RT: 4.656 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061202.D

Acq: 24 Oct 2024 16:34

Instrument :

MSVOA_U

ClientSampleId :

GCNW8

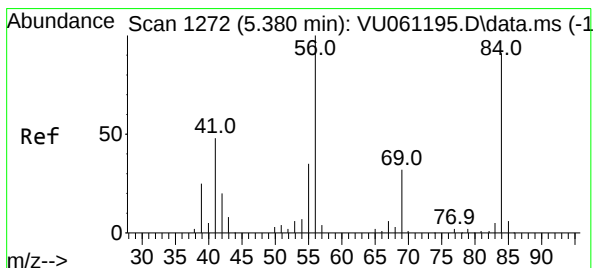
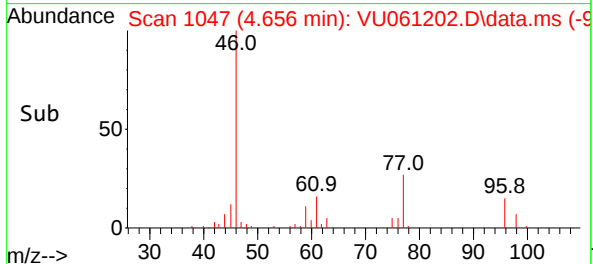
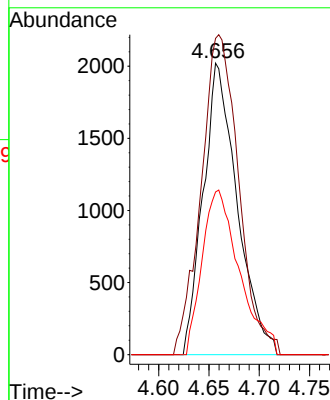
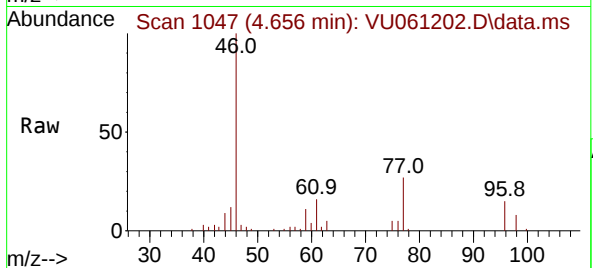
Tgt Ion: 96 Resp: 4757

Ion Ratio Lower Upper

96 100

61 108.5 88.1 163.5

98 55.8 45.0 83.6



#30

Cyclohexane

Concen: 1.285 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU061202.D

Acq: 24 Oct 2024 16:34

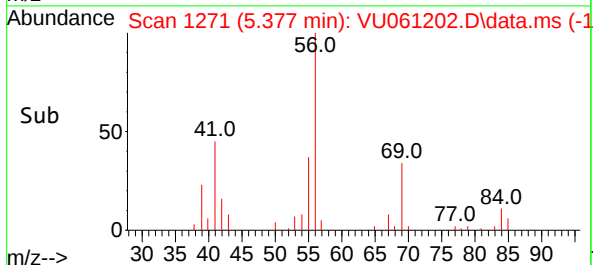
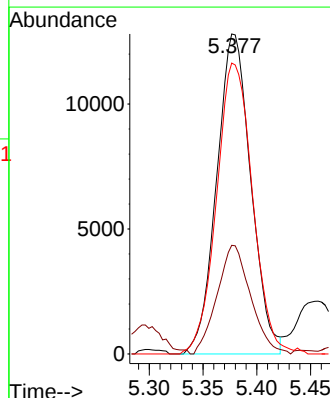
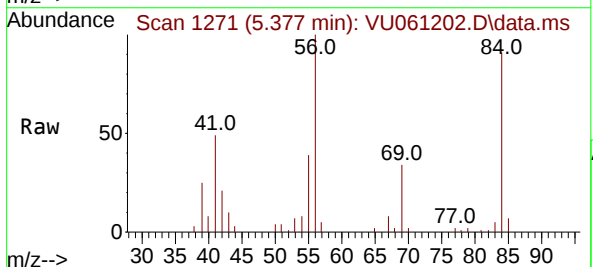
Tgt Ion: 56 Resp: 28345

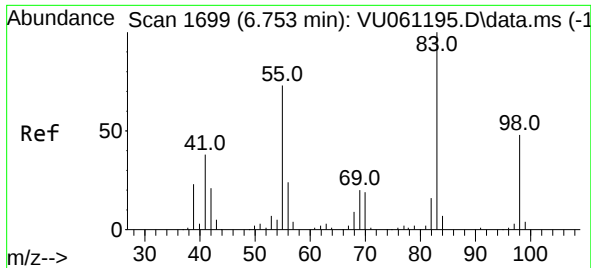
Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.6

84 95.3 73.9 110.9

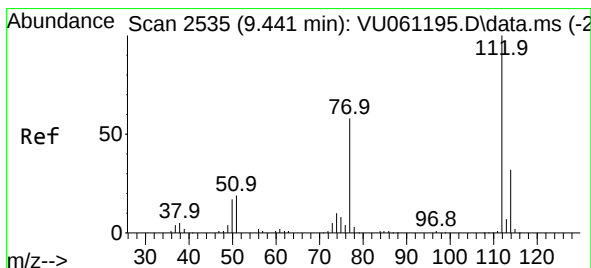
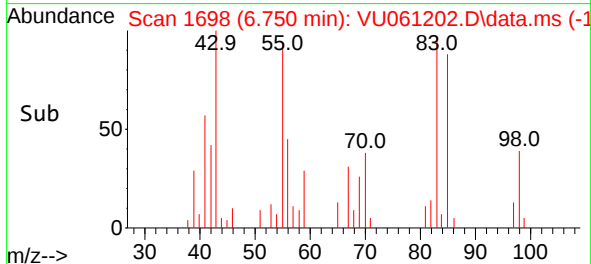
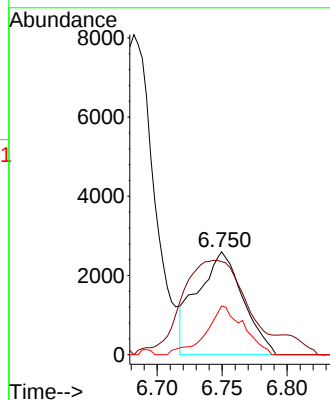
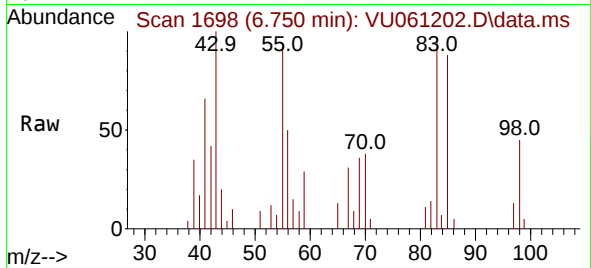




#35
Methylcyclohexane
Concen: 0.264 ug/L
RT: 6.750 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061202.D
Acq: 24 Oct 2024 16:34

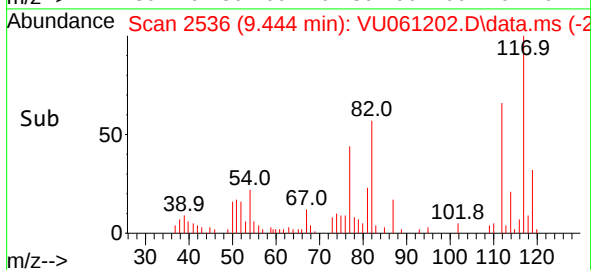
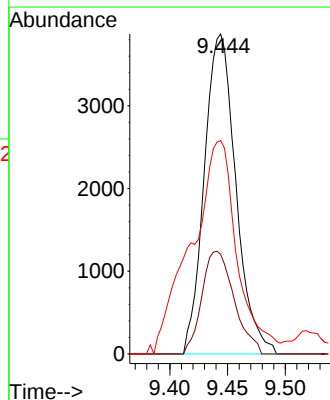
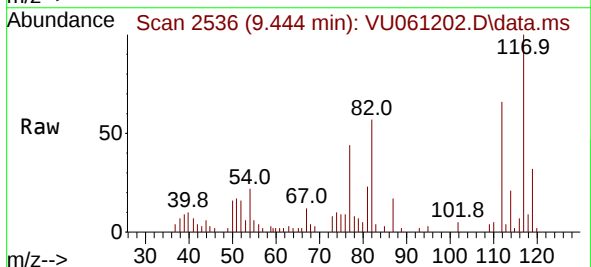
Instrument :
MSVOA_U
ClientSampleId :
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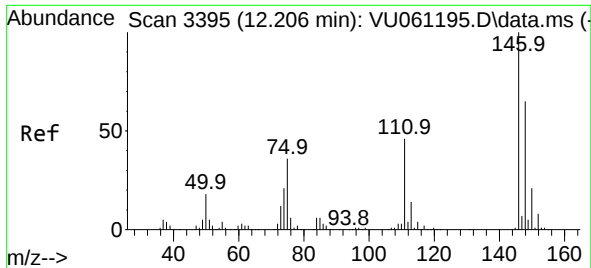
Tgt Ion: 83 Resp: 6351
Ion Ratio Lower Upper
83 100
55 129.4 55.9 83.9#
98 38.9 35.9 53.9



#51
Chlorobenzene
Concen: 0.193 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU061202.D
Acq: 24 Oct 2024 16:34

Tgt Ion: 112 Resp: 7357
Ion Ratio Lower Upper
112 100
114 29.3 22.9 42.5
77 62.7 47.1 70.7





#67

1,2-Dichlorobenzene

Concen: 0.604 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061202.D

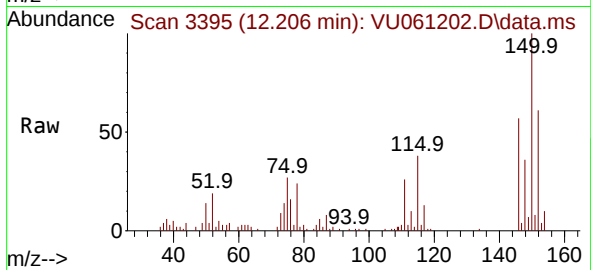
Acq: 24 Oct 2024 16:34

Instrument :

MSVOA_U

ClientSampleId :

GCNW8



Tgt Ion:146 Resp: 14964

Ion Ratio Lower Upper

146 100

111 45.8 35.2 52.8

148 63.3 51.3 76.9

