

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044637.D
 Acq On : 15 Sep 2021 10:52
 Operator : SY/MD
 Sample : VU0915WBL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 01:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

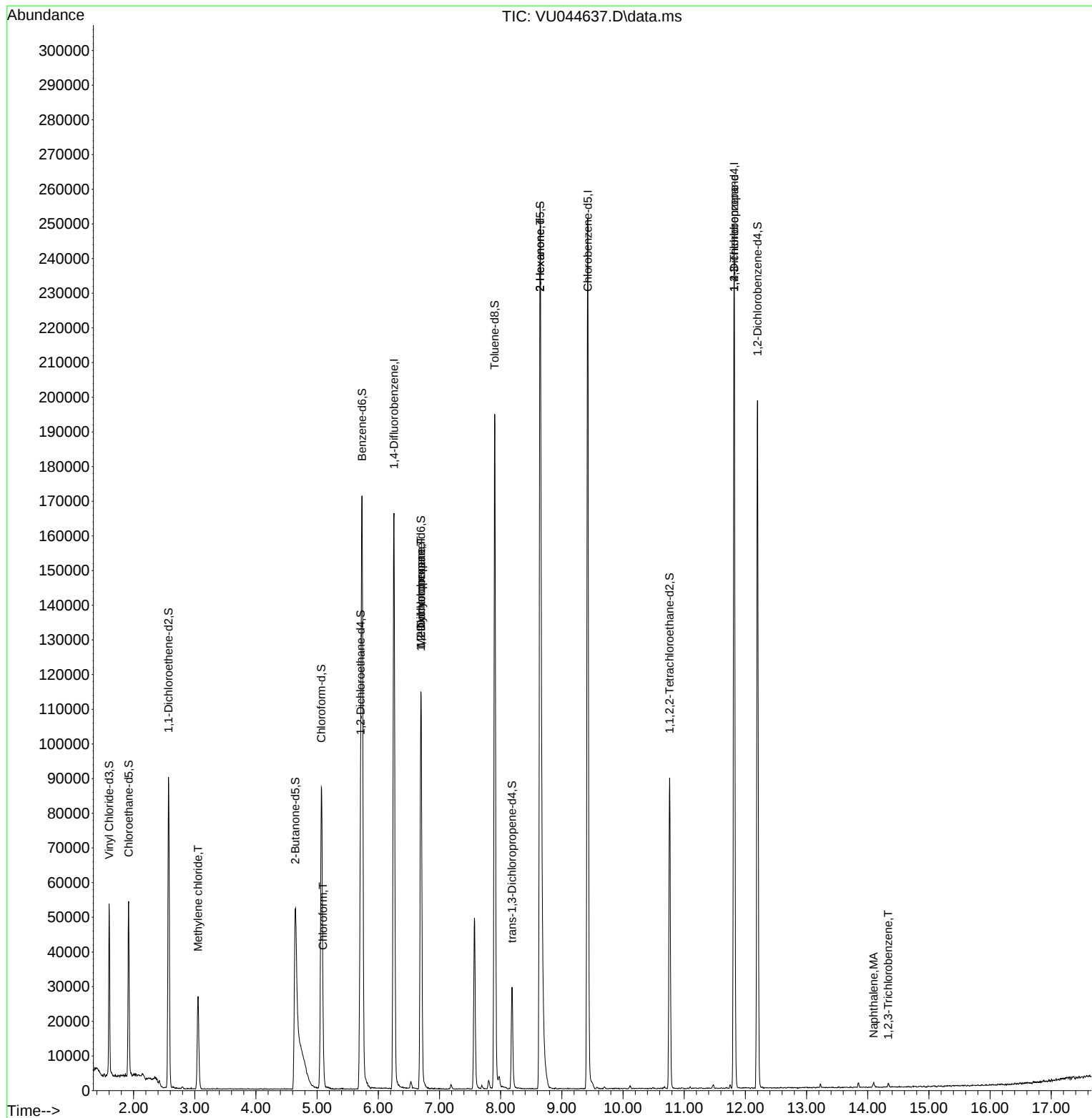
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	129204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34235	4.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.919	69	36476	4.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.572	65	17455	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.645	46	162328	50.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.600%
24) Chloroform-d	5.070	84	77724	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.710	65	47878	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.735	84	153580	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.697	67	54139	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.903	98	125054	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.185	79	16966	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.645	63	119557	47.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46711	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	46969	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	12231	0.927	ug/L	98
25) Chloroform	5.096	83	5470	0.288	ug/L	99
35) Methylcyclohexane	6.697	83	12629	0.782	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	6157	0.579	ug/L #	88
48) 2-Hexanone	8.645	43	14762	2.395	ug/L #	66
61) 1,2,3-Trichloropropane	11.816	75	8632	1.265	ug/L #	68
71) Naphthalene	14.098	128	1815	0.081	ug/L #	79
72) 1,2,3-Trichlorobenzene	14.333	180	507	0.048	ug/L #	91

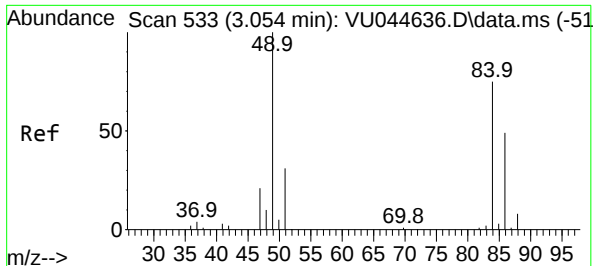
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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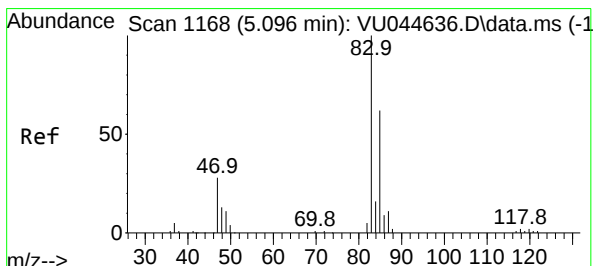
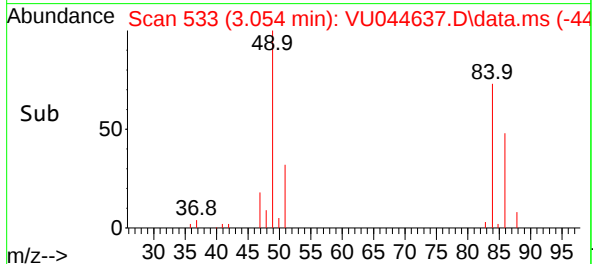
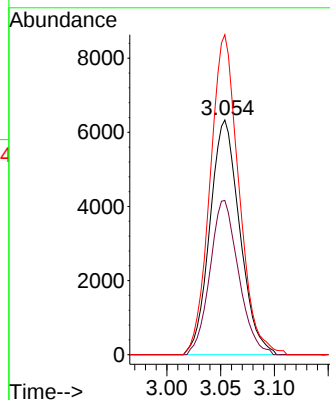
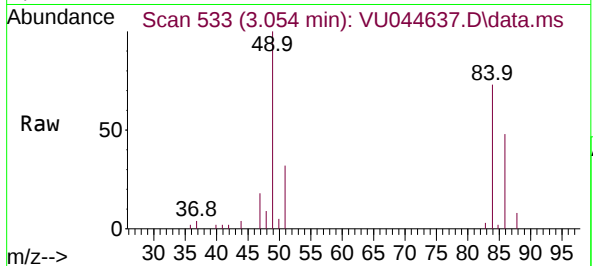




#16
Methylene chloride
Concen: 0.927 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044637.D
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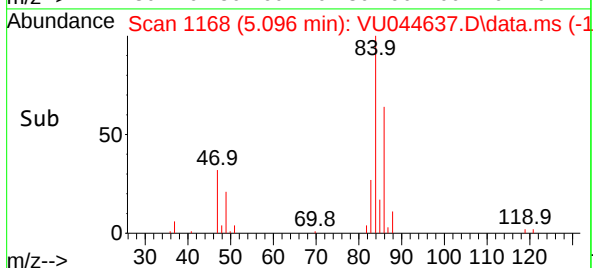
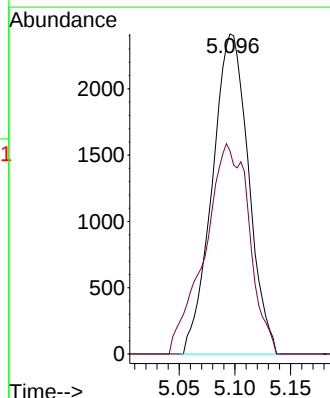
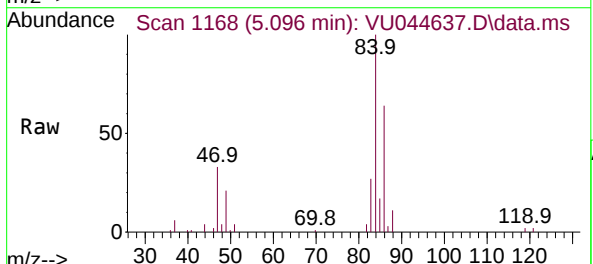
Instrument :
MSVOA_U
ClientSampled :

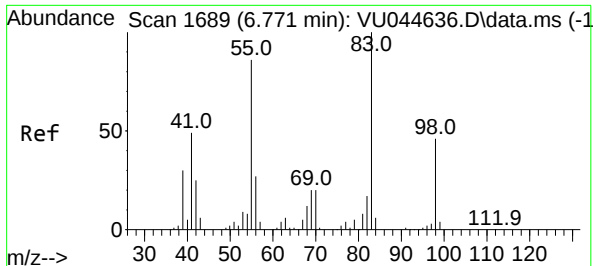
Tgt Ion: 84 Resp: 12231
Ion Ratio Lower Upper
84 100
86 65.7 45.8 85.2
49 136.4 92.9 172.5



#25
Chloroform
Concen: 0.288 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044637.D
Acq: 15 Sep 2021 10:52

Tgt Ion: 83 Resp: 5470
Ion Ratio Lower Upper
83 100
85 63.5 44.2 82.0





#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.697 min Scan# 1666

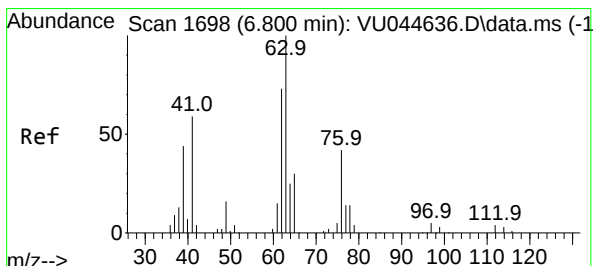
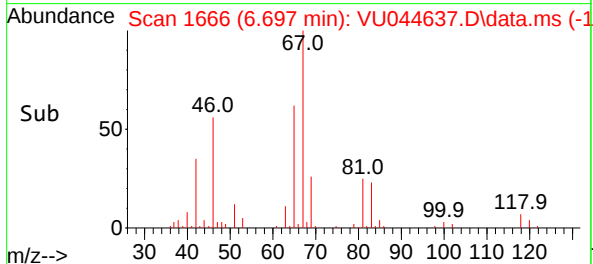
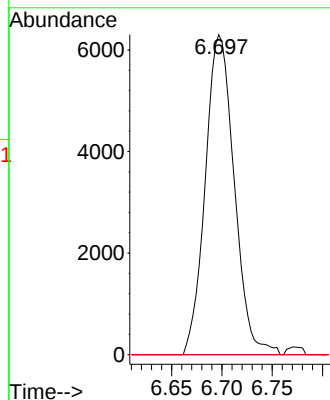
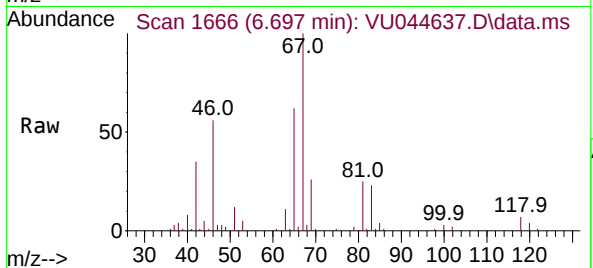
Delta R.T. -0.074 min

Lab File: VU044637.D

Acq: 15 Sep 2021 10:52

Tgt Ion:	83	Resp:	12629
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	0.0	37.3	55.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

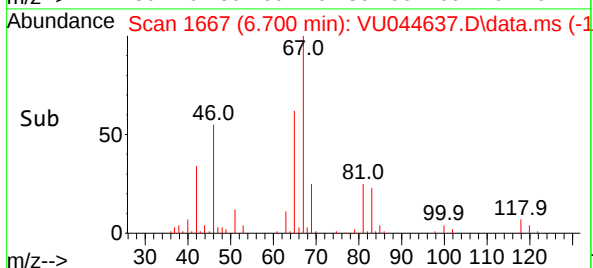
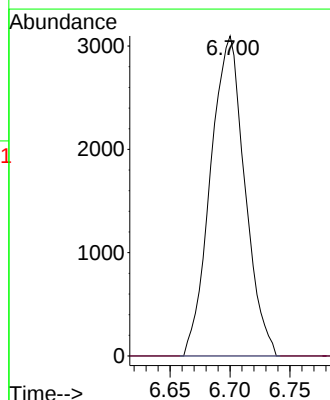
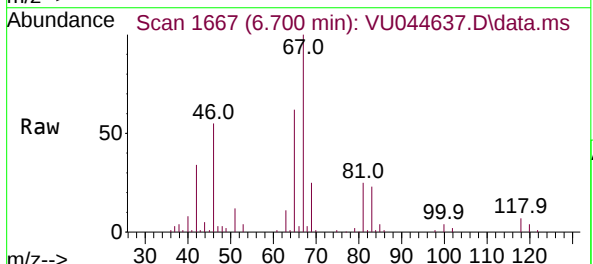
RT: 6.700 min Scan# 1667

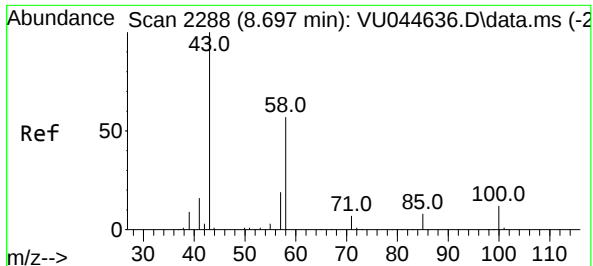
Delta R.T. -0.100 min

Lab File: VU044637.D

Acq: 15 Sep 2021 10:52

Tgt Ion:	63	Resp:	6157
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

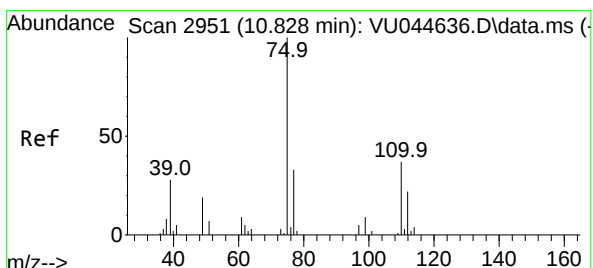
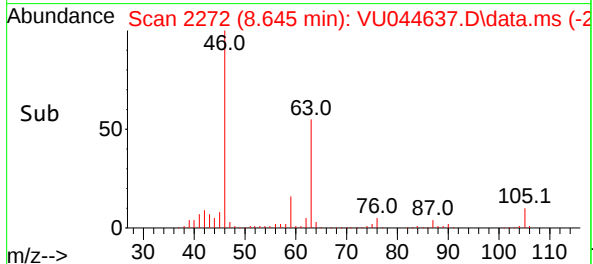
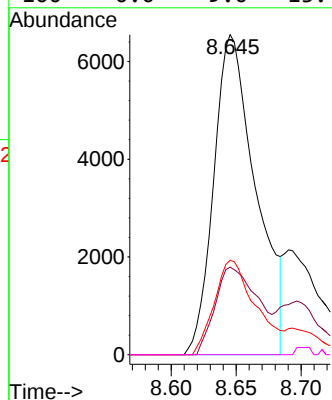
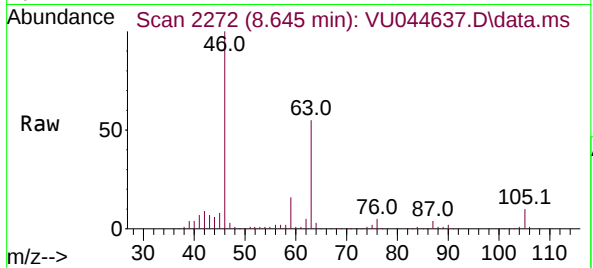




#48
2-Hexanone
Concen: 2.395 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044637.D
Acq: 15 Sep 2021 10:52

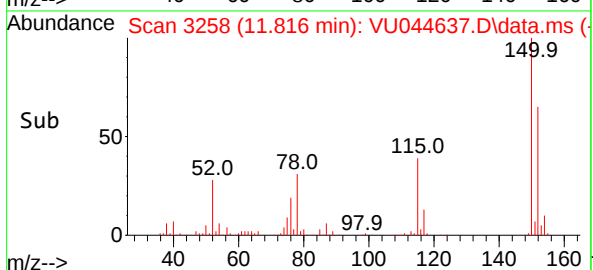
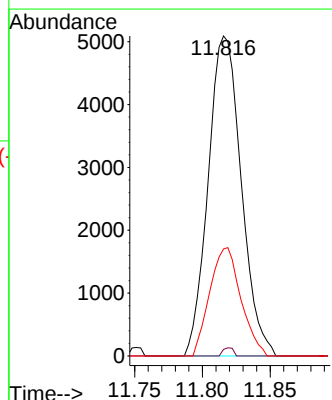
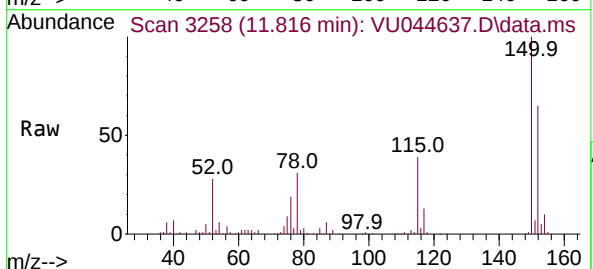
Instrument :
MSVOA_U
ClientSampleId :

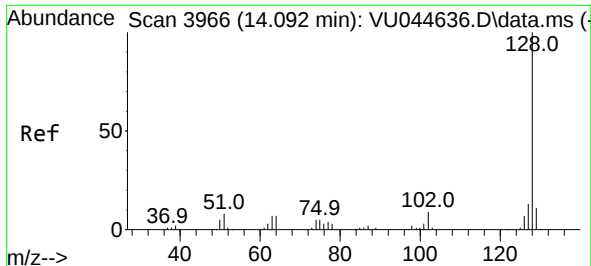
Tgt Ion: 43	Resp: 14762
Ion Ratio	Lower Upper
43 100	
58 27.7	44.6 66.8#
57 29.5	14.8 22.2#
100 0.0	9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.265 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044637.D
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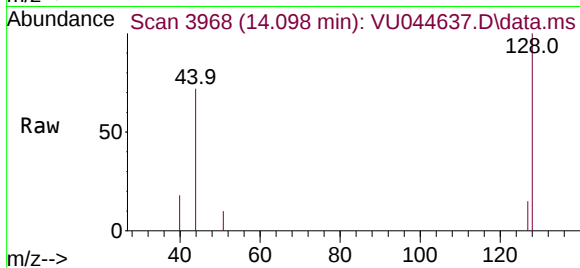
Tgt Ion: 75	Resp: 8632
Ion Ratio	Lower Upper
75 100	
110 0.8	28.8 43.2#
77 31.9	25.9 38.9



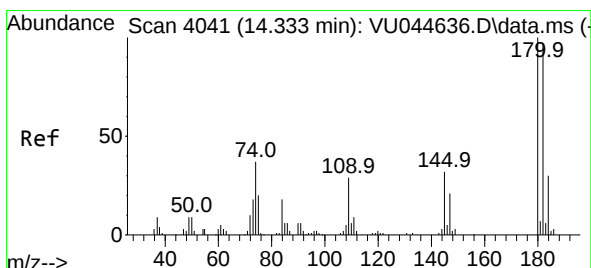
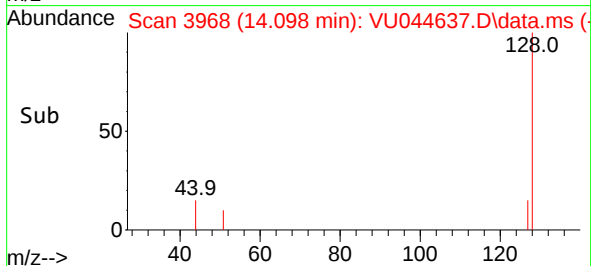
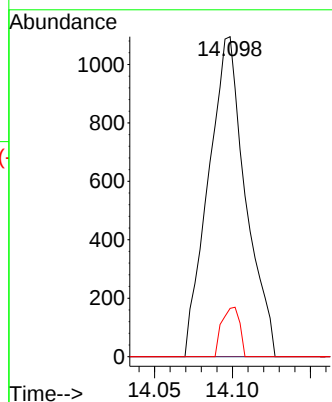


#71
Naphthalene
Concen: 0.081 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU044637.D
Acq: 15 Sep 2021 10:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1815
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 7.4 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.048 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044637.D
Acq: 15 Sep 2021 10:52

Tgt Ion:180 Resp: 507
Ion Ratio Lower Upper
180 100
182 92.1 75.9 113.9
145 18.7 27.0 40.6#

