

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044625.D
 Acq On : 14 Sep 2021 11:54
 Operator : SY/MD
 Sample : VU0914WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 01:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

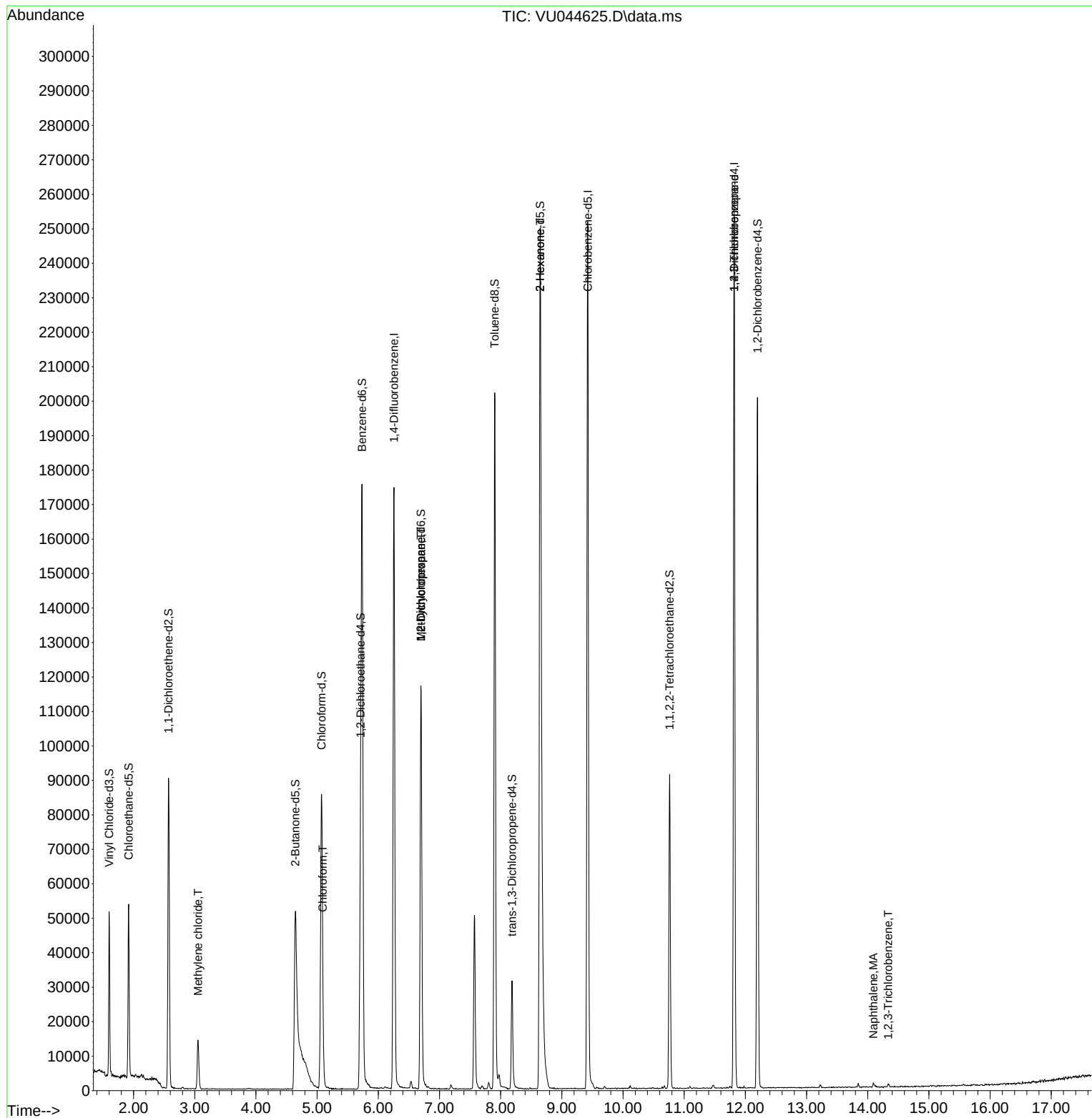
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	134605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	134922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	64030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33492	4.217	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.919	69	36583	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.572	65	18191	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.645	46	129921	39.023	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.040%
24) Chloroform-d	5.073	84	76452	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.710	65	47339	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.735	84	156905	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.697	67	54206	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.903	98	130300	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.185	79	18100	4.545	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.645	63	122384	47.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46769	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	49230	4.660	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	6683	0.486	ug/L	98
25) Chloroform	5.092	83	6625	0.335	ug/L	95
35) Methylcyclohexane	6.697	83	12254	0.752	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	6156	0.574	ug/L #	88
48) 2-Hexanone	8.645	43	19345	3.112	ug/L #	62
61) 1,2,3-Trichloropropane	11.816	75	8932	1.263	ug/L #	68
71) Naphthalene	14.092	128	1619	0.069	ug/L #	78
72) 1,2,3-Trichlorobenzene	14.336	180	472	0.043	ug/L #	63

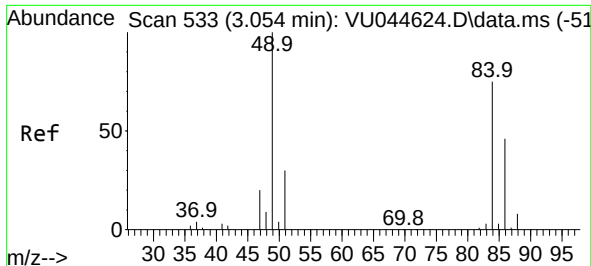
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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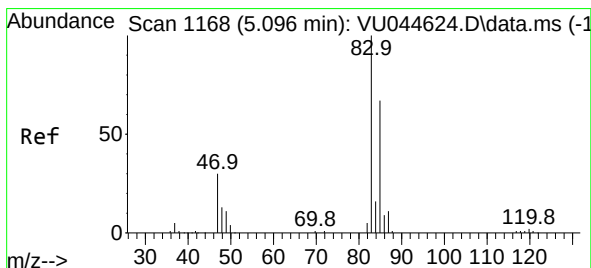
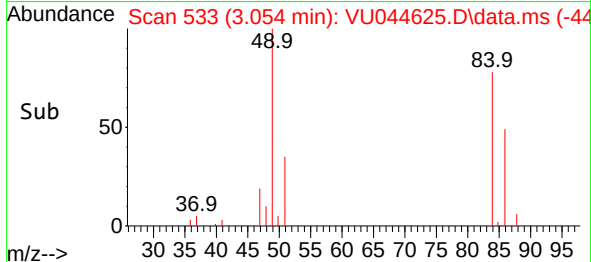
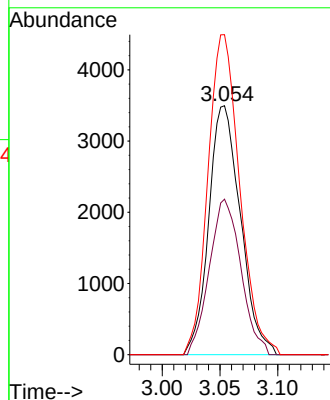
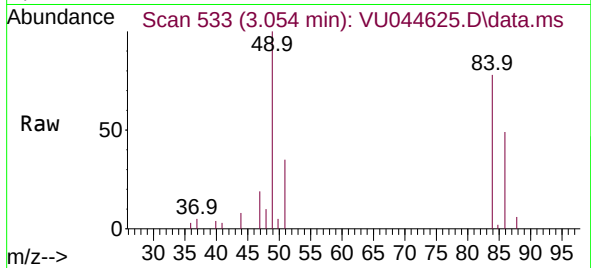




#16
Methylene chloride
Concen: 0.486 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

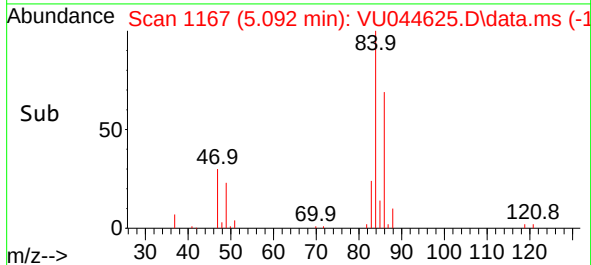
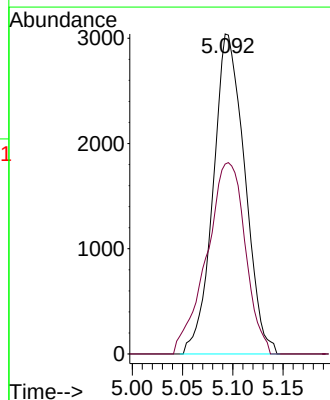
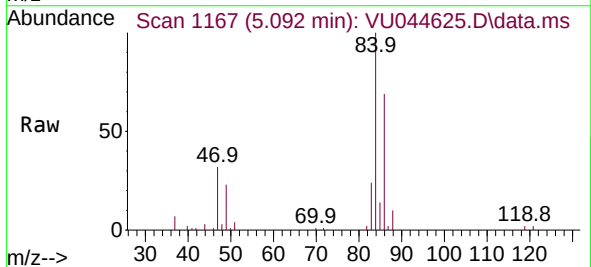
Instrument :
MSVOA_U
ClientSampleId :

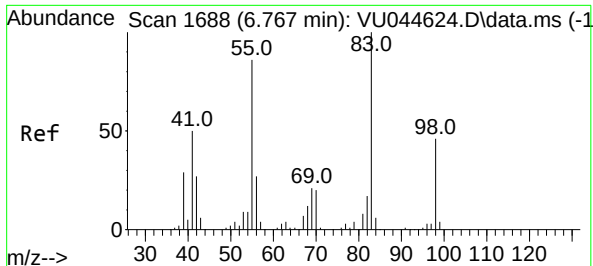
Tgt Ion: 84 Resp: 6683
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.2
49 134.3 92.9 172.5



#25
Chloroform
Concen: 0.335 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

Tgt Ion: 83 Resp: 6625
Ion Ratio Lower Upper
83 100
85 59.4 44.2 82.0

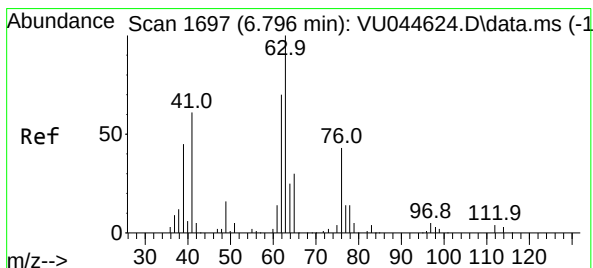
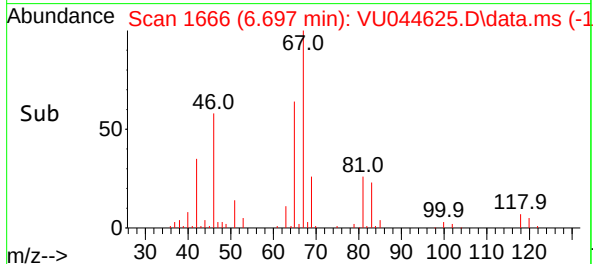
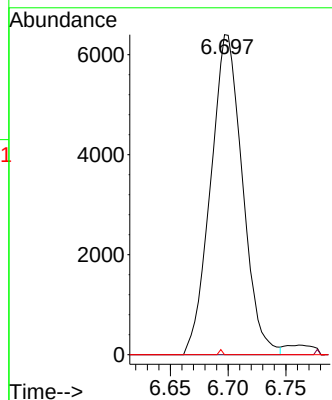
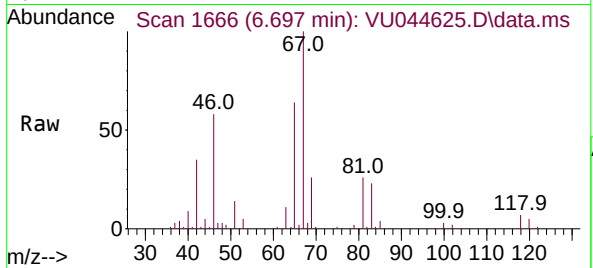




#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

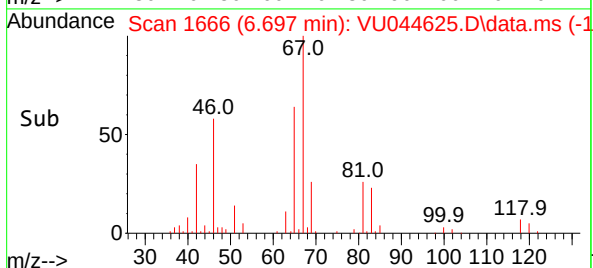
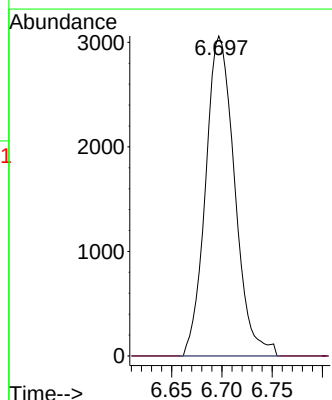
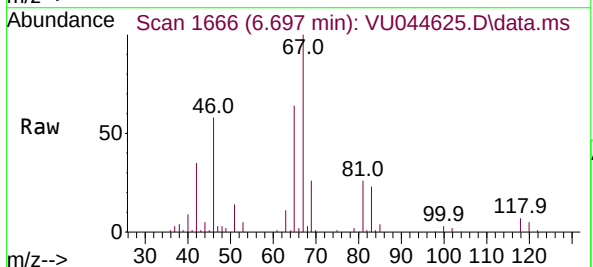
Instrument :
MSVOA_U
ClientSampleId :

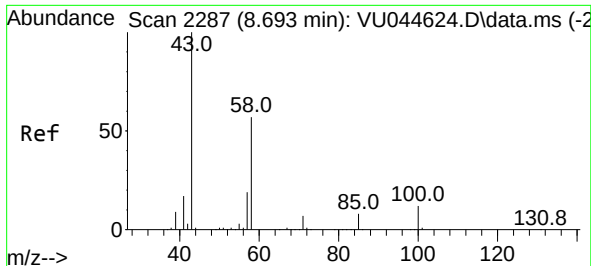
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.3	102.5#
98	0.2	37.3	55.9#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

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

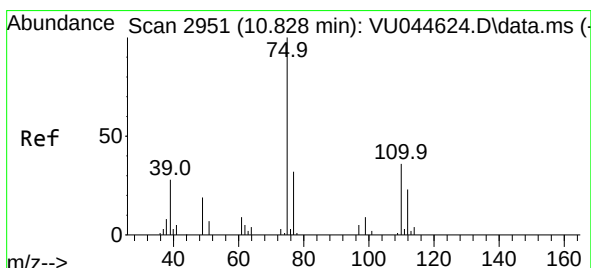
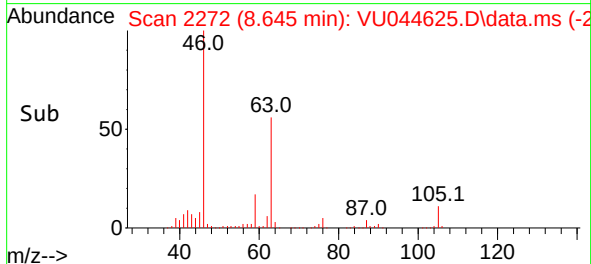
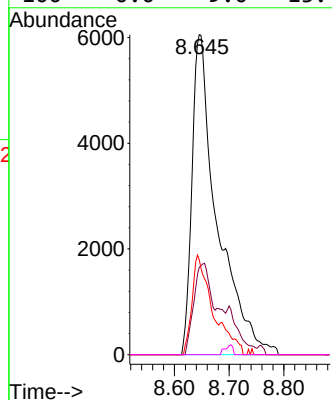
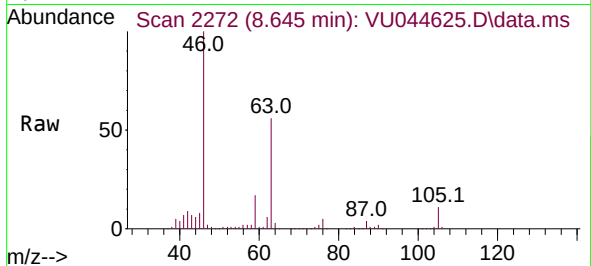




#48
2-Hexanone
Concen: 3.112 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

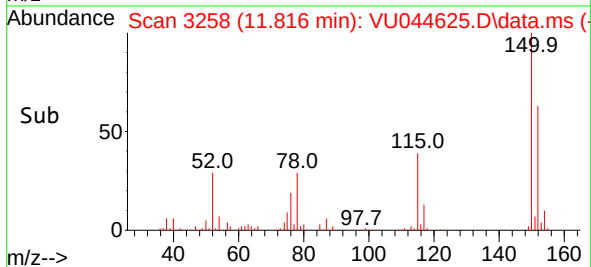
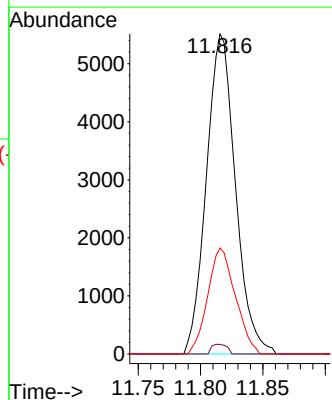
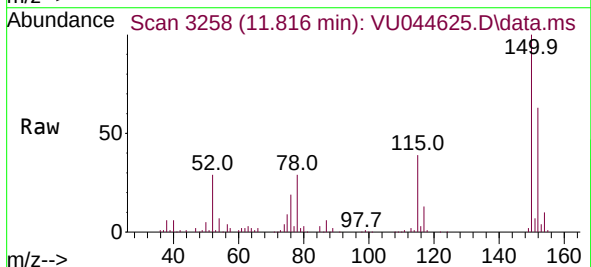
Instrument :
MSVOA_U
ClientSampled :

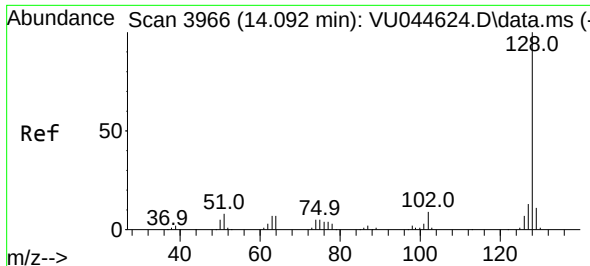
Tgt Ion:	43	Resp:	19345
Ion	Ratio	Lower	Upper
43	100		
58	19.5	44.6	66.8#
57	21.1	14.8	22.2
100	0.0	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 1.263 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

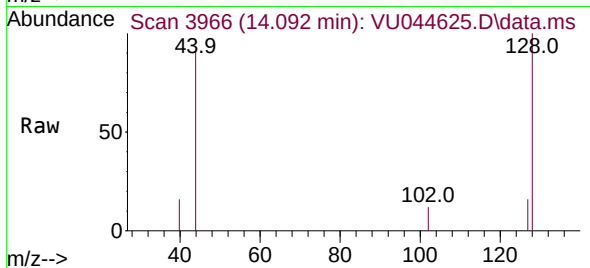
Tgt Ion:	75	Resp:	8932
Ion	Ratio	Lower	Upper
75	100		
110	1.6	28.8	43.2#
77	31.5	25.9	38.9



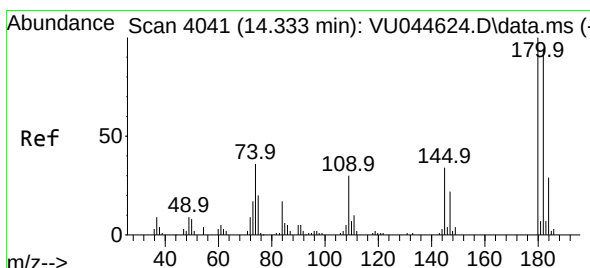
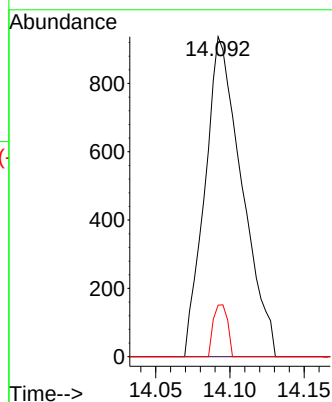
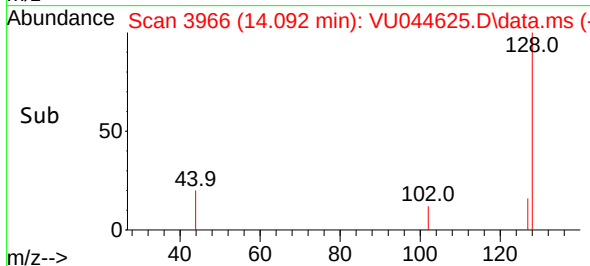


#71
Naphthalene
Concen: 0.069 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54

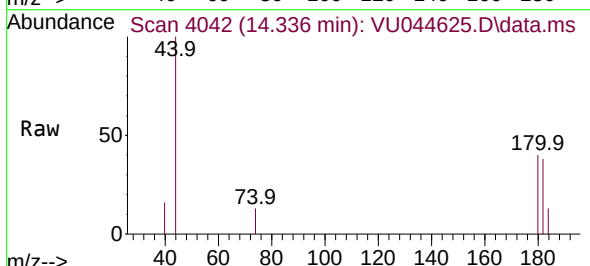
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1619
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 6.2 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.043 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044625.D
Acq: 14 Sep 2021 11:54



Tgt Ion:180 Resp: 472
Ion Ratio Lower Upper
180 100
182 122.9 75.9 113.9#
145 0.0 27.0 40.6#

