

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043647.D
 Acq On : 10 May 2021 18:43
 Operator : SY/MD
 Sample : M2300-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:01:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	100305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	97854	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43792	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26120	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.919	69	22313	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.575	65	12811	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.645	46	144455	57.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.38%
24) Chloroform-d	5.073	84	62003	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.713	65	39911	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.739	84	112733	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.700	67	41736	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.906	98	92279	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloroprop...	8.186	79	15523	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	86328	54.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34556	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	35777	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	660	0.09	ug/L	84
16) Methylene chloride	3.054	84	1145	0.13	ug/L	98
21) 2-Butanone	4.729	43	5731	2.14	ug/L	99
35) Methylcyclohexane	6.700	83	9008	1.06	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4850	0.63	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1332	0.13	ug/L	93
42) Toluene	7.977	91	3230	0.12	ug/L	85
48) 2-Hexanone	8.694	43	7245	1.55	ug/L #	94
53) m,p-Xylene	9.697	106	1657	0.16	ug/L	86
54) o-Xylene	10.111	106	824	0.08	ug/L	77
62) 1,3,5-Trimethylbenzene	11.478	105	1646	0.09	ug/L	99
63) 1,2,4-Trimethylbenzene	11.478	105	1646	0.09	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	730	0.08	ug/L #	86
70) 1,2,4-trichlorobenzene	13.848	180	1054	0.14	ug/L	94
71) Naphthalene	14.095	128	3435	0.26	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.340	180	972	0.13	ug/L	88

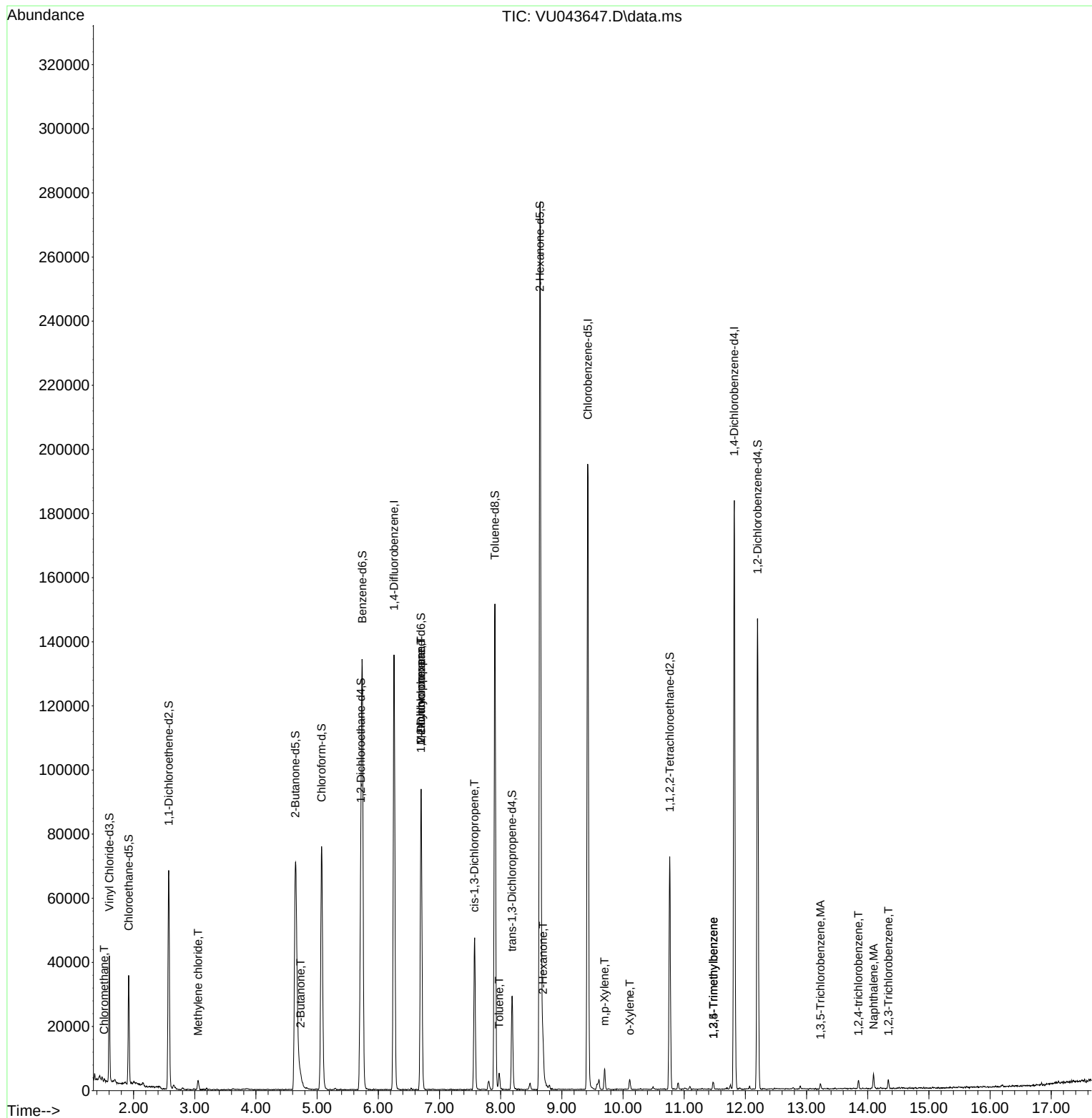
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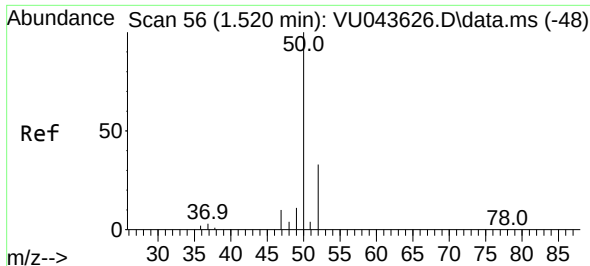
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
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Response via : Initial Calibration

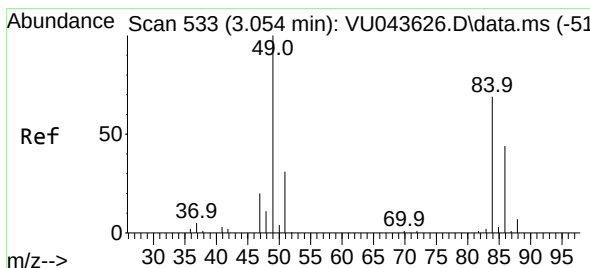
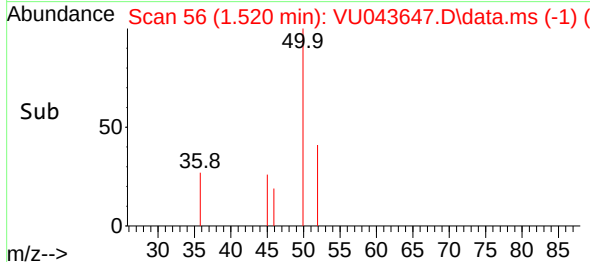
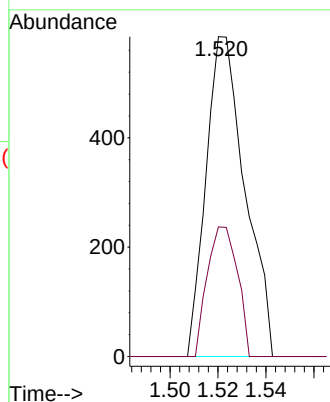
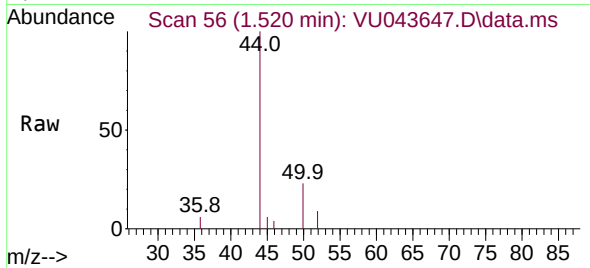




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

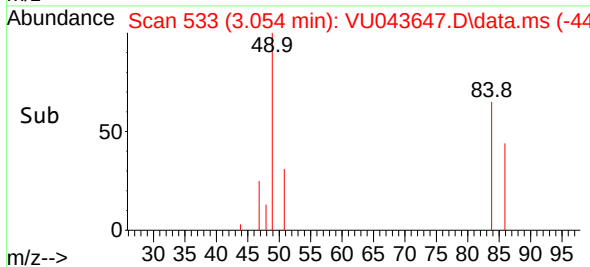
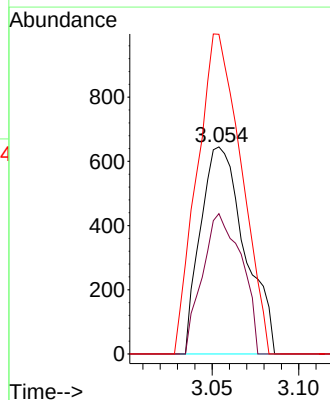
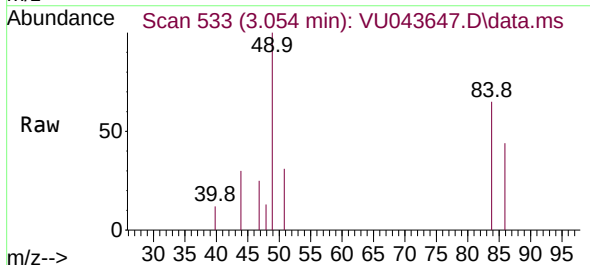
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MSVOA_U
ClientSampled :

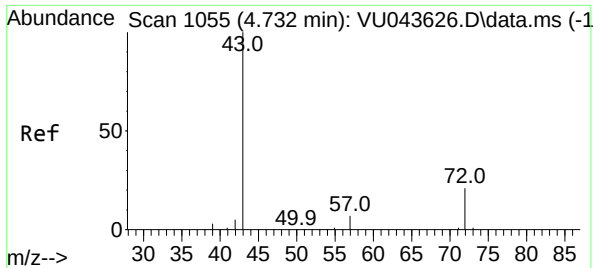
Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 40.5 22.1 41.1



#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

Tgt Ion: 84 Resp: 1145
Ion Ratio Lower Upper
84 100
86 67.8 45.6 84.6
49 154.4 107.0 198.8

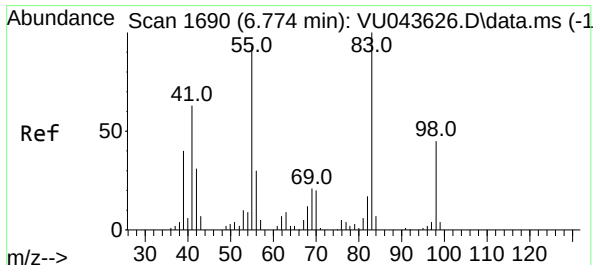
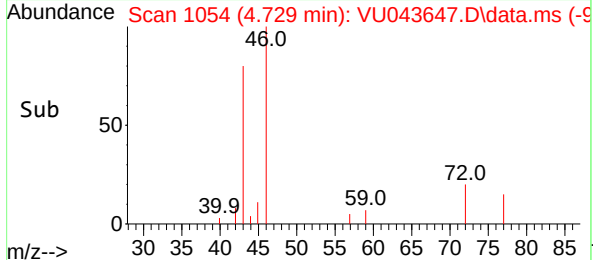
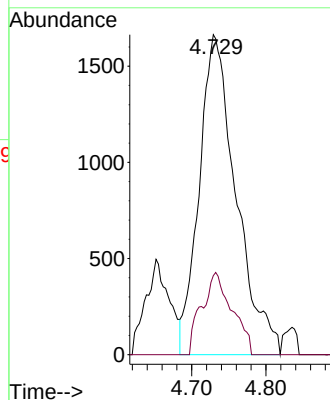
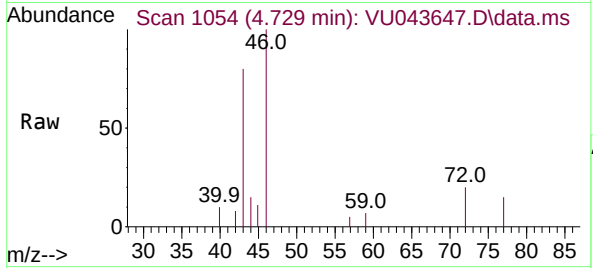




#21
2-Butanone
Concen: 2.14 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. -0.003 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

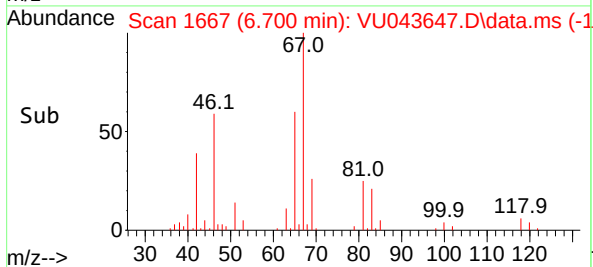
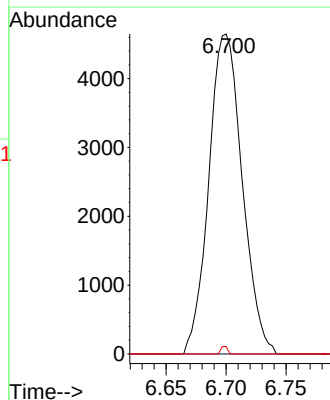
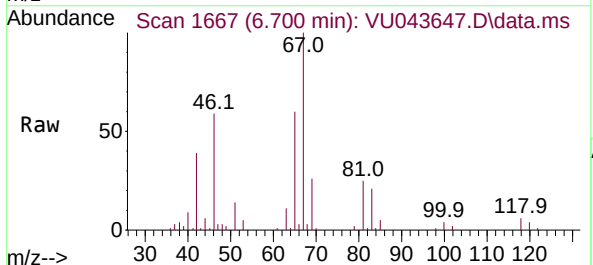
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MSVOA_U
ClientSampled :

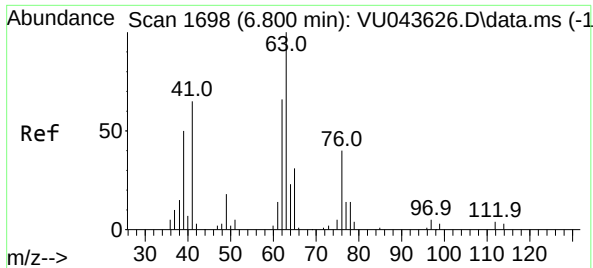
Tgt Ion: 43 Resp: 5731
Ion Ratio Lower Upper
43 100
72 21.2 10.8 32.4



#35
Methylcyclohexane
Concen: 1.06 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

Tgt Ion: 83 Resp: 9008
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.5 35.5 53.3#



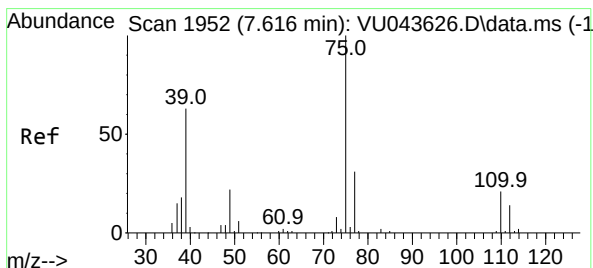
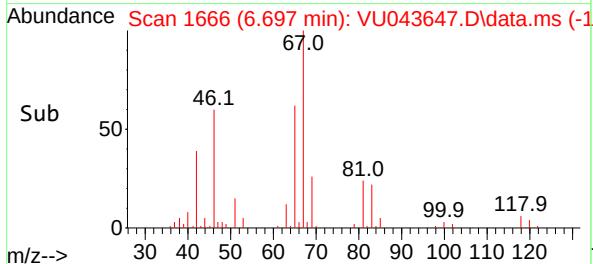
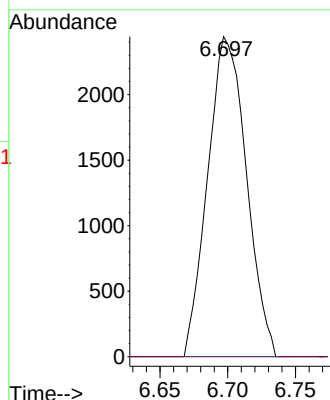
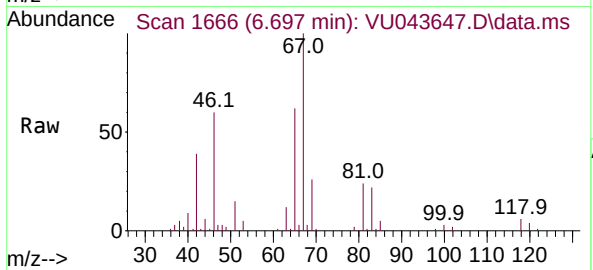


#37

1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

Instrument :
MSVOA_U
ClientSampleId :

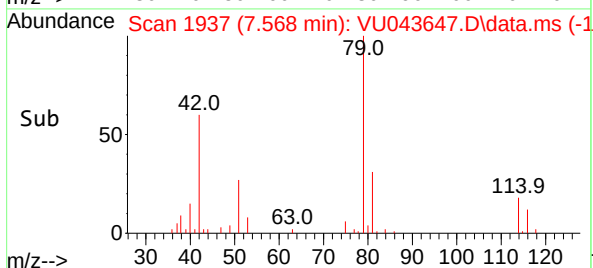
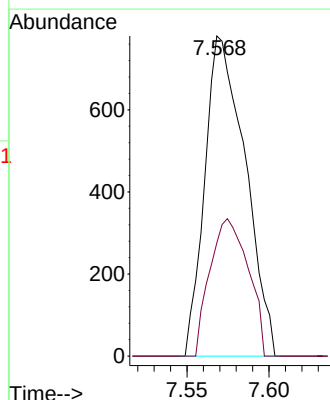
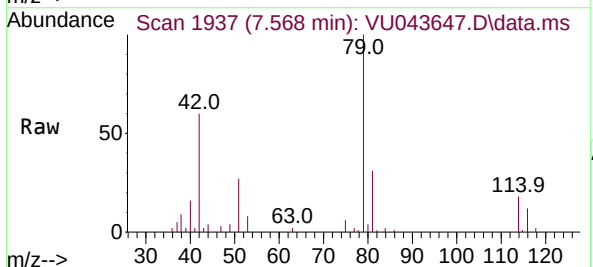
Tgt Ion: 63 Resp: 4850
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

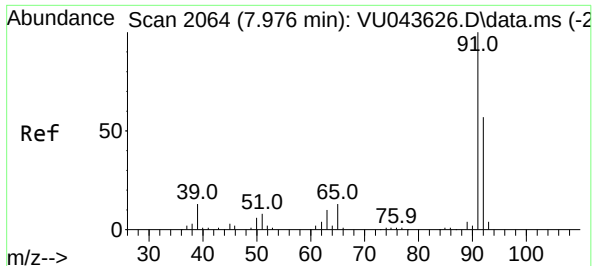


#39

cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

Tgt Ion: 75 Resp: 1332
Ion Ratio Lower Upper
75 100
77 35.4 21.9 40.7

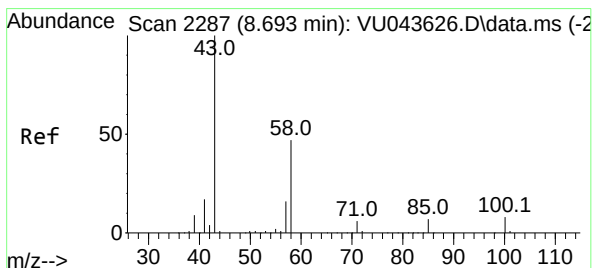
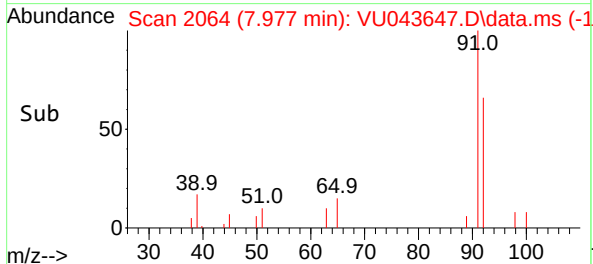
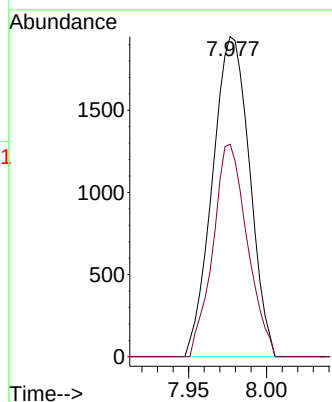
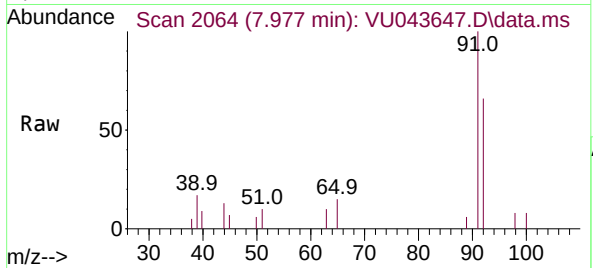




#42
Toluene
Concen: 0.12 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

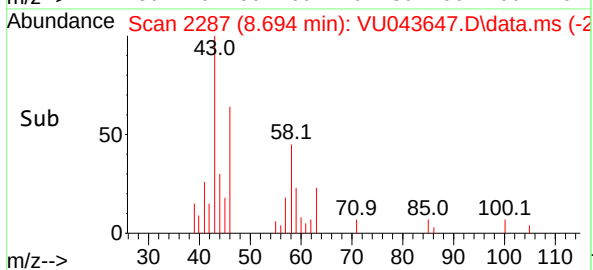
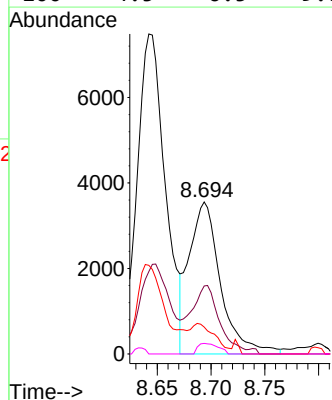
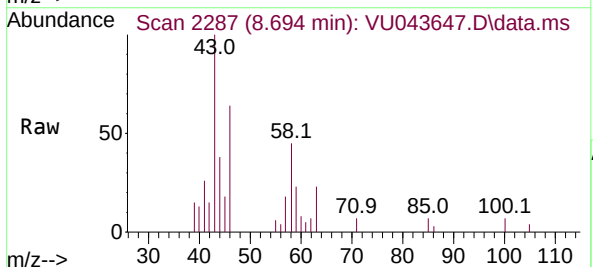
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MSVOA_U
ClientSampled :

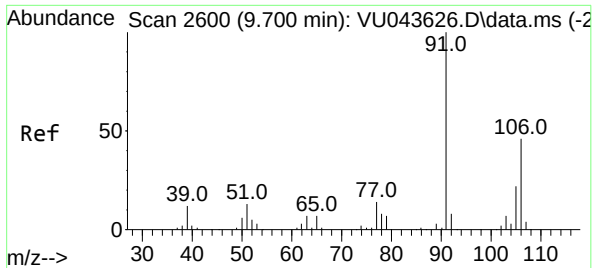
Tgt Ion: 91 Resp: 3230
Ion Ratio Lower Upper
91 100
92 66.4 39.1 72.5



#48
2-Hexanone
Concen: 1.55 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

Tgt Ion: 43 Resp: 7245
Ion Ratio Lower Upper
43 100
58 42.0 36.8 55.2
57 15.4 13.2 19.8
100 4.5 6.5 9.7#





#53

m,p-Xylene

Concen: 0.16 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.003 min

Lab File: VU043647.D

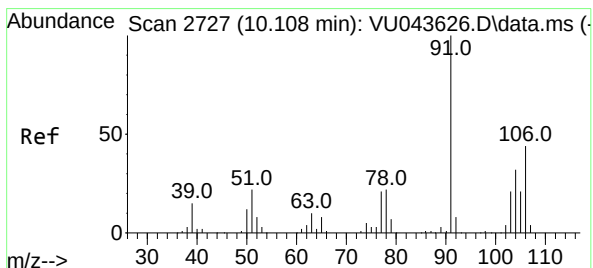
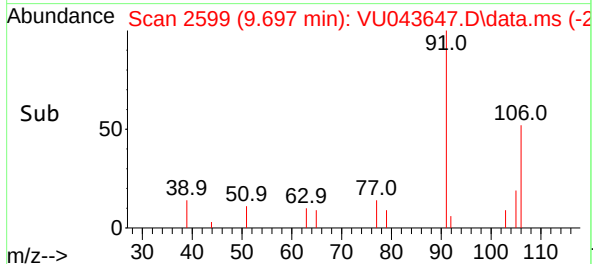
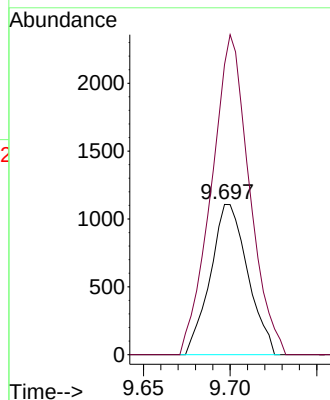
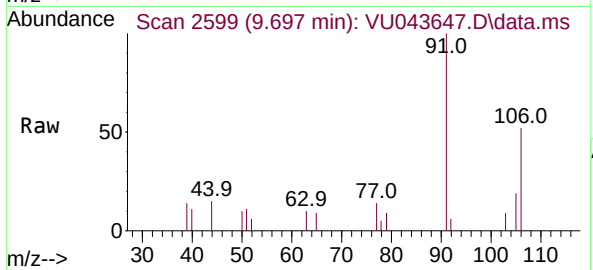
Acq: 10 May 2021 18:43

Tgt Ion:106 Resp: 1657

Ion Ratio Lower Upper

106 100

91 193.1 150.3 279.1



#54

o-Xylene

Concen: 0.08 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.003 min

Lab File: VU043647.D

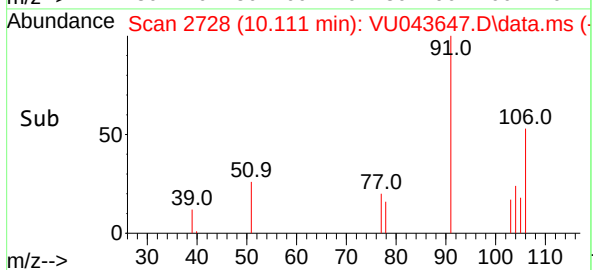
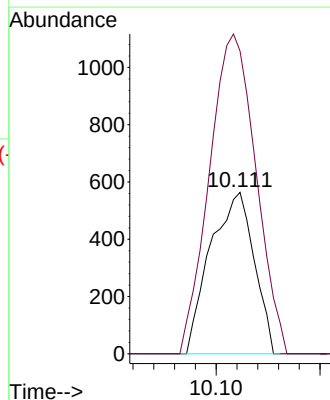
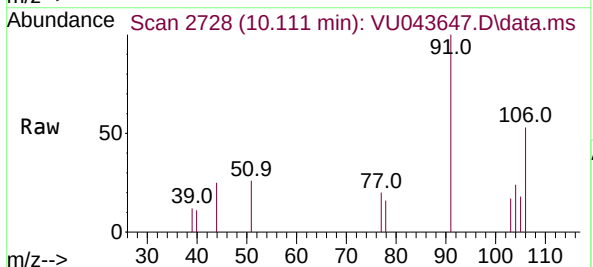
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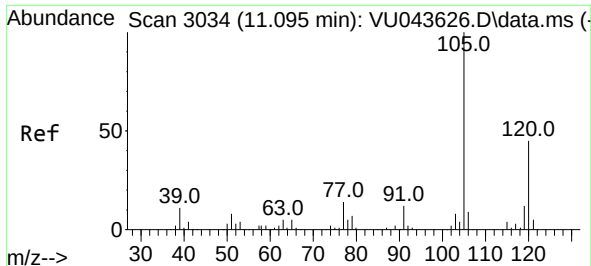
Tgt Ion:106 Resp: 824

Ion Ratio Lower Upper

106 100

91 187.4 157.3 292.1

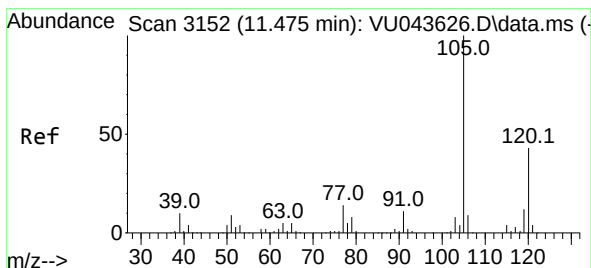
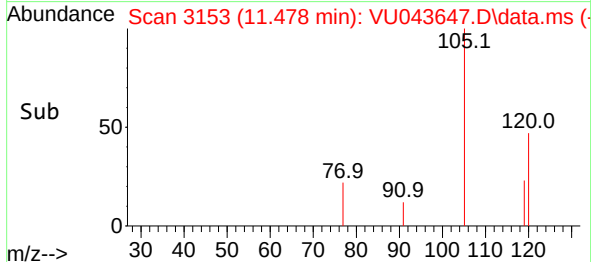
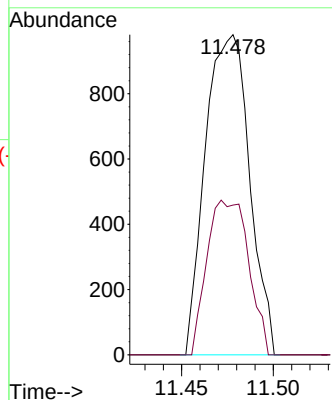
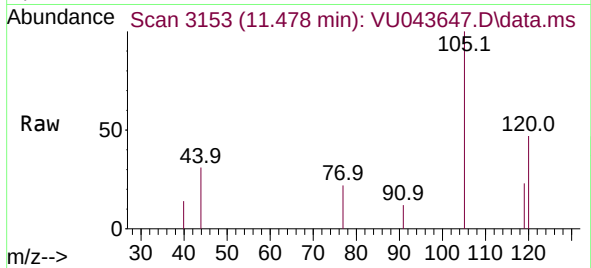




#62
1,3,5-Trimethylbenzene
Concen: 0.09 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.383 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

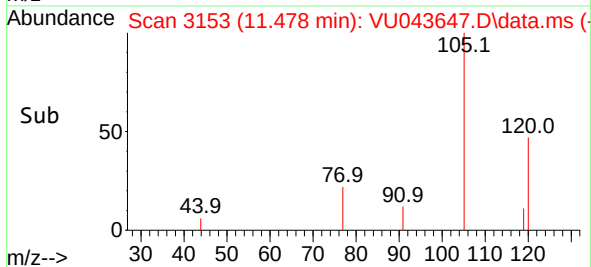
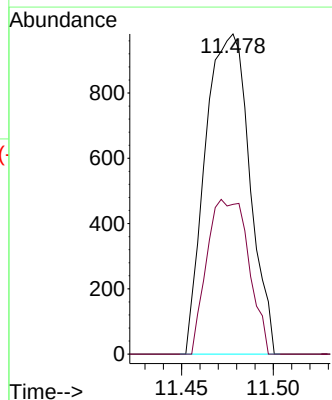
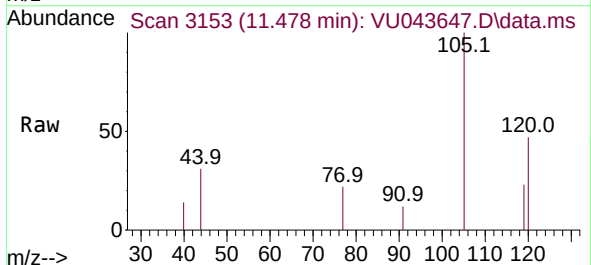
Instrument :
MSVOA_U
ClientSampled :

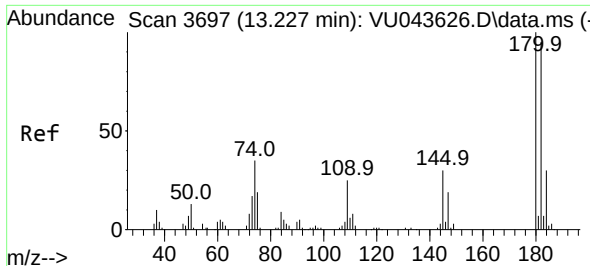
Tgt Ion:105 Resp: 1646
Ion Ratio Lower Upper
105 100
120 45.4 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 0.09 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

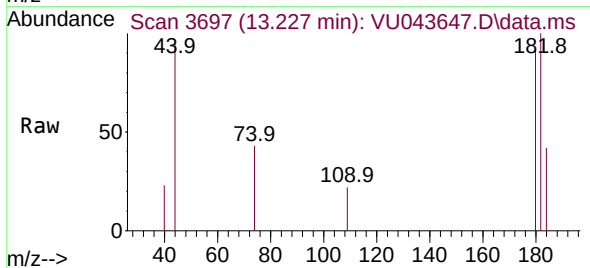
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Ion Ratio Lower Upper
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120 45.4 35.4 53.0



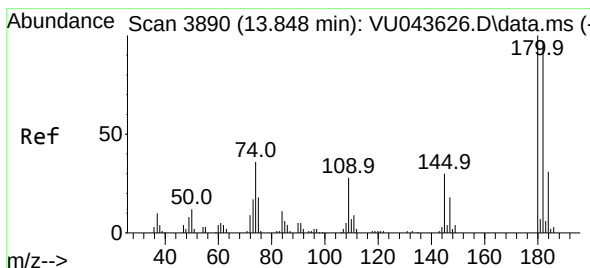
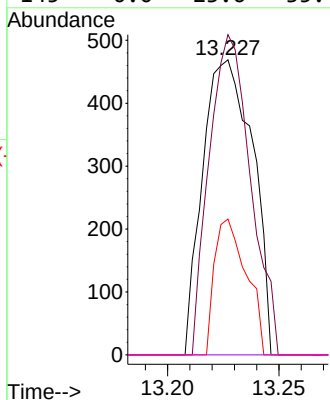
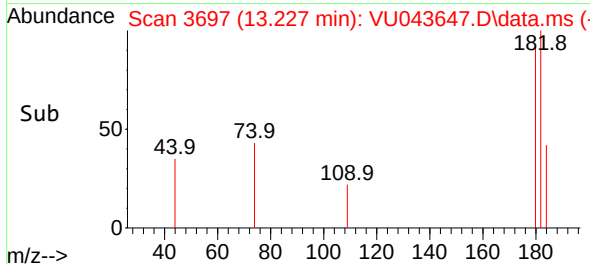


#69
 1,3,5-Trichlorobenzene
 Concen: 0.08 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU043647.D
 Acq: 10 May 2021 18:43

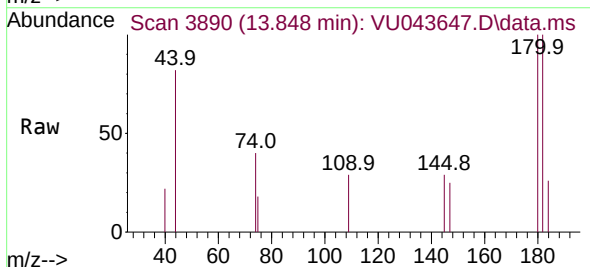
Instrument :
 MSVOA_U
 ClientSampled :



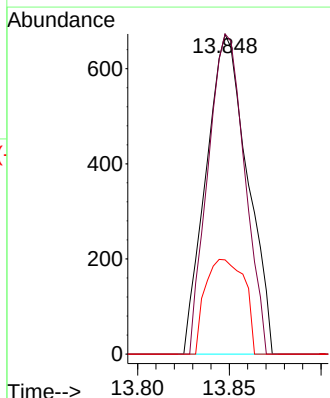
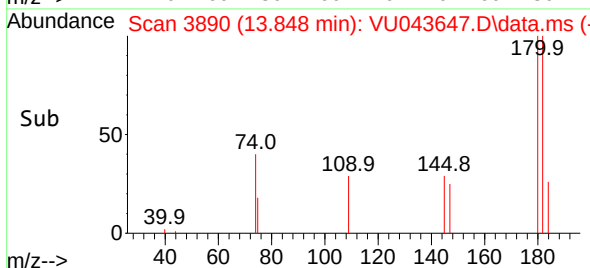
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 Ion Ratio Lower Upper
 180 100
 182 90.3 76.0 114.0
 184 29.3 24.1 36.1
 145 0.0 23.6 35.4#

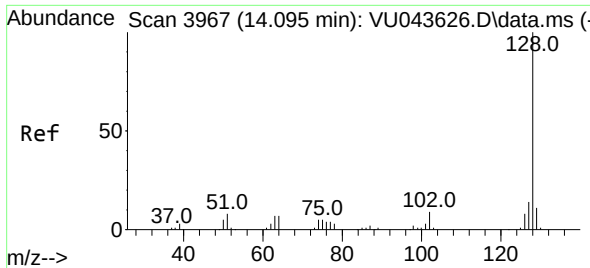


#70
 1,2,4-trichlorobenzene
 Concen: 0.14 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043647.D
 Acq: 10 May 2021 18:43



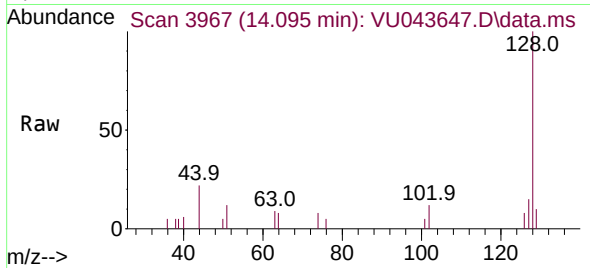
Tgt Ion:180 Resp: 1054
 Ion Ratio Lower Upper
 180 100
 182 88.5 75.9 113.9
 145 27.8 24.6 37.0



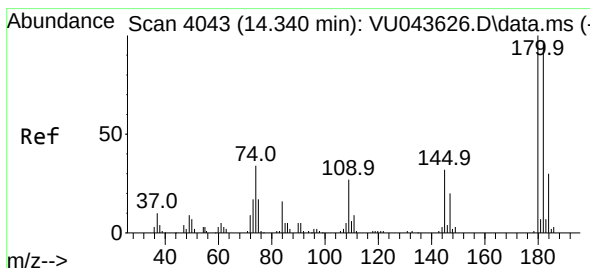
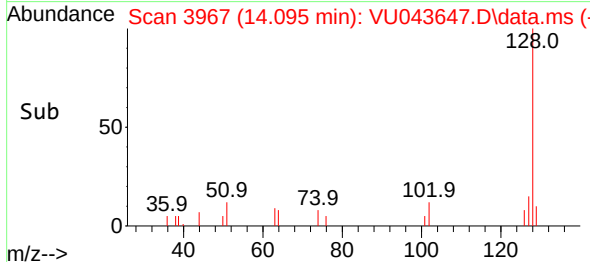
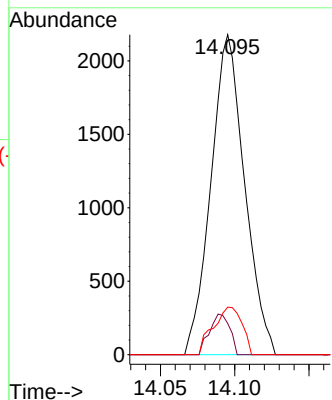


#71
Naphthalene
Concen: 0.26 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43

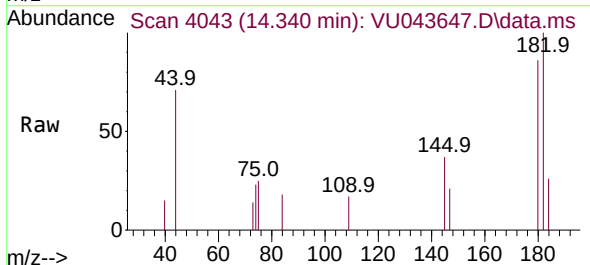
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 3435
Ion Ratio Lower Upper
128 100
129 7.6 8.9 13.3#
127 12.7 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 0.13 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU043647.D
Acq: 10 May 2021 18:43



Tgt Ion:180 Resp: 972
Ion Ratio Lower Upper
180 100
182 108.7 75.7 113.5
145 34.4 25.7 38.5

