

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
 Data File : VU044667.D
 Acq On : 16 Sep 2021 17:24
 Operator : SY/MD
 Sample : M3763-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:03:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 17 02:59:59 2021
 Response via : Initial Calibration

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

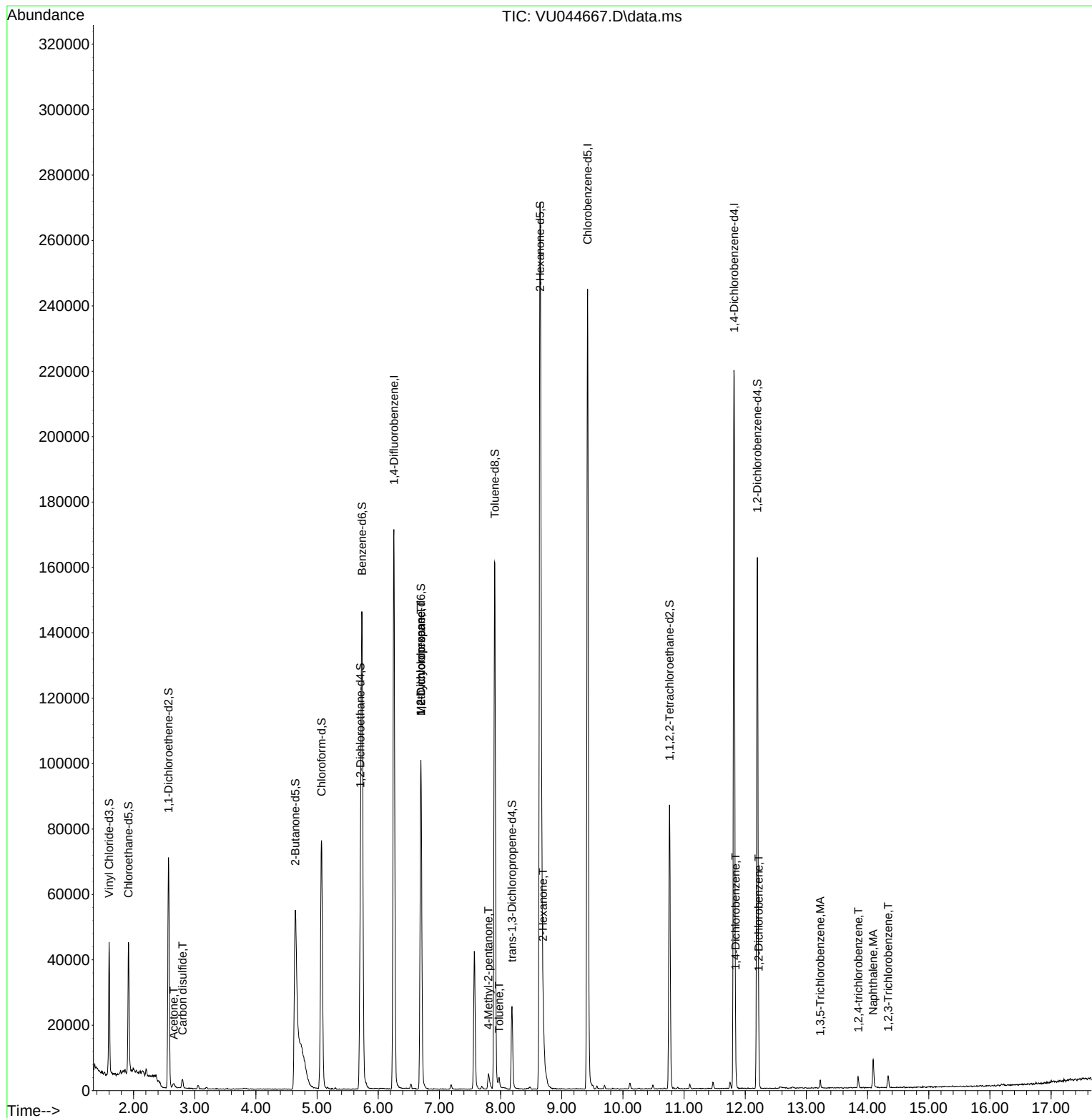
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	130092	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24952	3.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.916	69	29565	3.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.572	65	13934	3.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.645	46	122592	38.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.200%
24) Chloroform-d	5.073	84	69418	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.710	65	42050	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.735	84	130668	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.697	67	47656	4.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.906	98	102786	3.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.185	79	14499	3.795	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.645	63	123210	50.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44655	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	39279	4.445	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
13) Acetone	2.655	43	2625	1.253	ug/L	77
14) Carbon disulfide	2.800	76	3687	0.139	ug/L	98
35) Methylcyclohexane	6.697	83	10990	0.703	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	5208	0.506	ug/L #	88
40) 4-Methyl-2-pentanone	7.803	43	4674	0.583	ug/L #	86
42) Toluene	7.976	91	2459	0.061	ug/L	97
48) 2-Hexanone	8.694	43	6969	1.169	ug/L #	97
65) 1,4-Dichlorobenzene	11.841	146	1584	0.098	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	984	0.066	ug/L	86
69) 1,3,5-Trichlorobenzene	13.227	180	973	0.082	ug/L #	83
70) 1,2,4-trichlorobenzene	13.848	180	1337	0.133	ug/L #	91
71) Naphthalene	14.092	128	7120	0.364	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	1455	0.158	ug/L	98

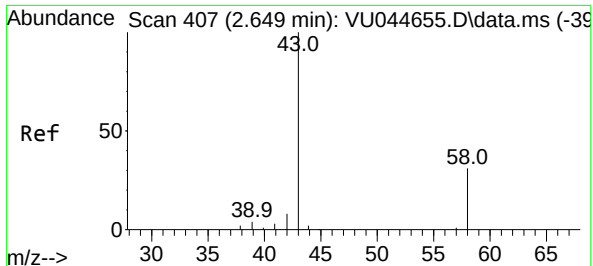
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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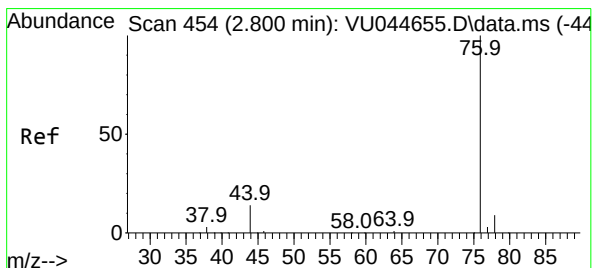
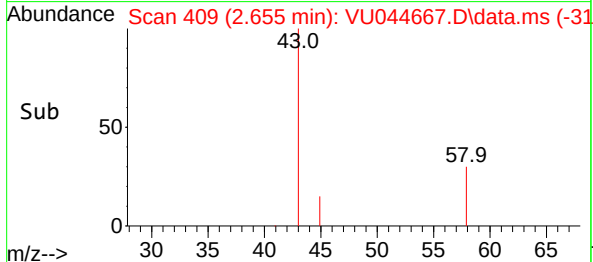
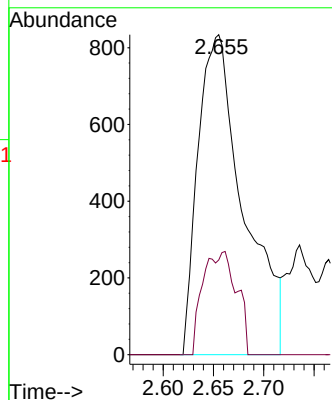
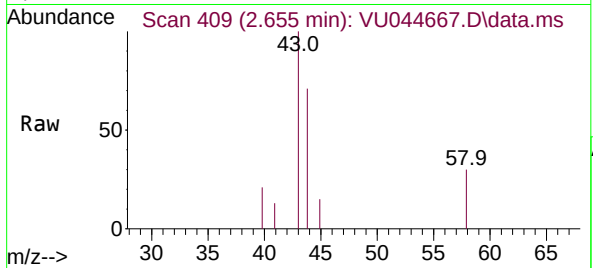




#13
Acetone
Concen: 1.253 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.007 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

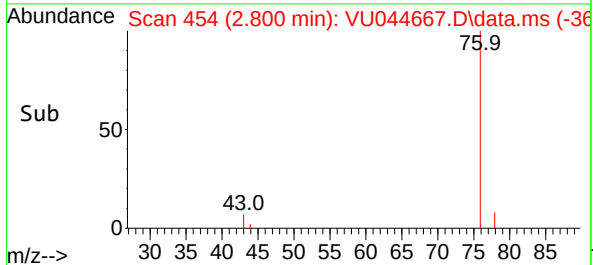
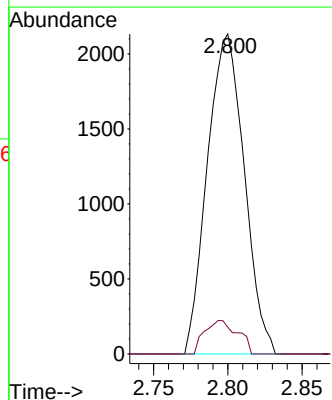
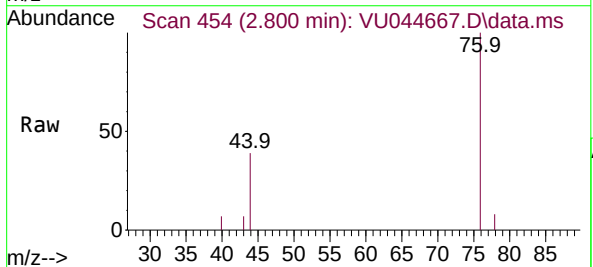
Instrument :
MSVOA_U
ClientSampled :

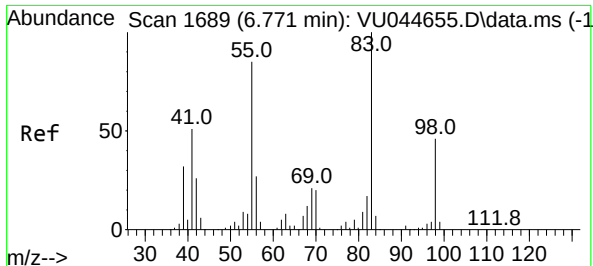
Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
58 10.4 0.0 42.4



#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

Tgt Ion: 76 Resp: 3687
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

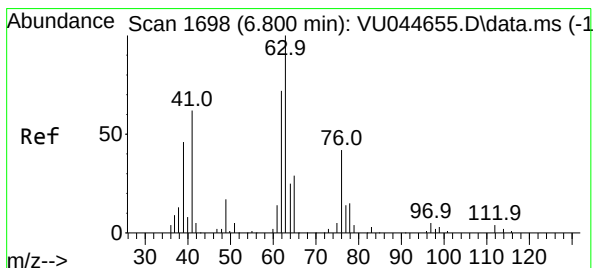
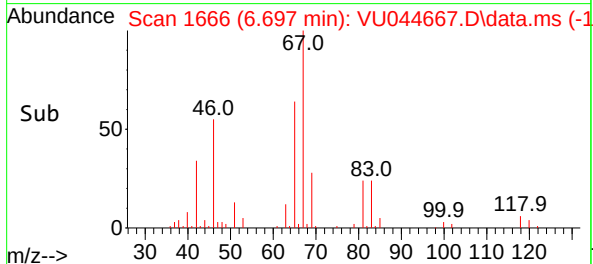
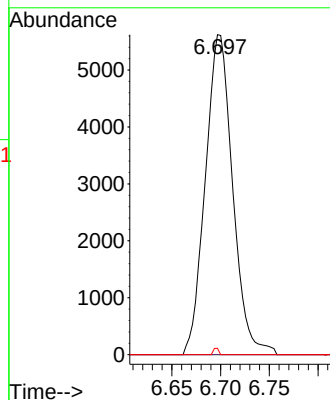
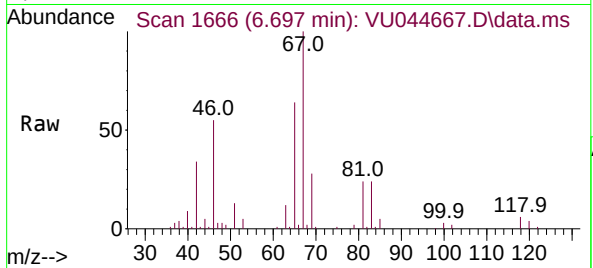




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

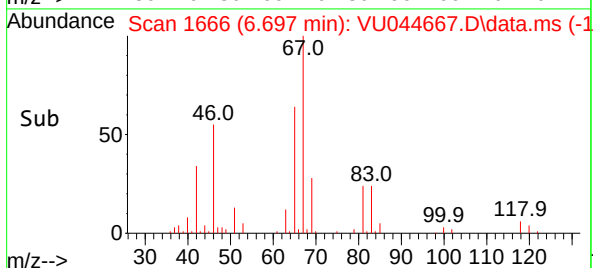
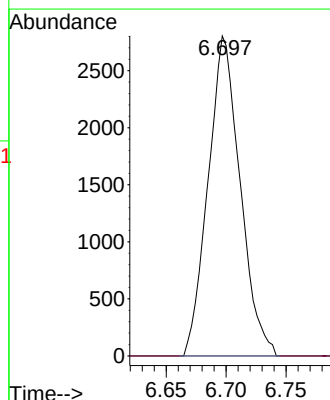
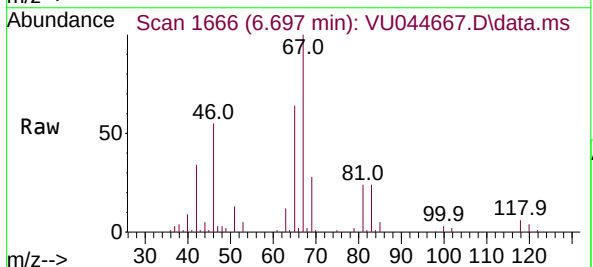
Instrument :
MSVOA_U
ClientSampleId :

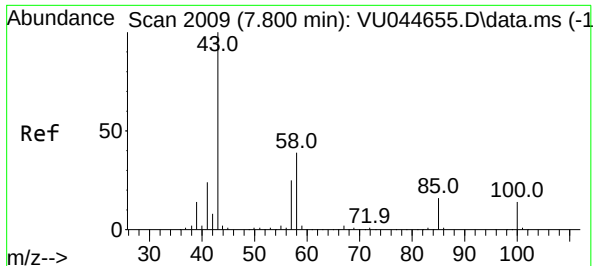
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	0.4	37.3	55.9#



#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

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

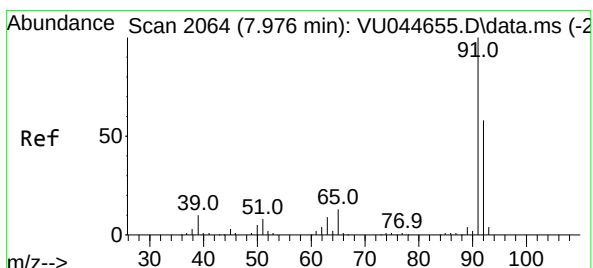
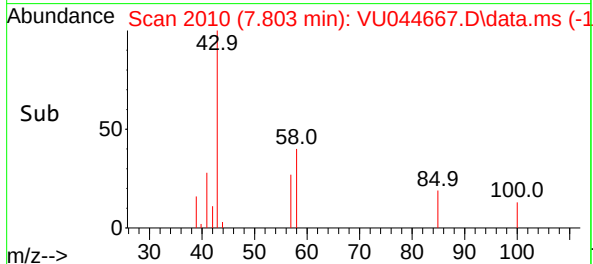
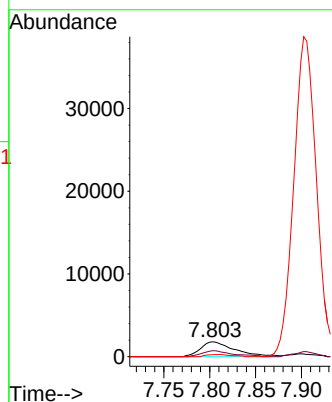
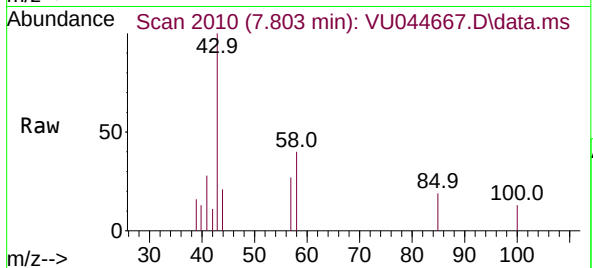




#40
4-Methyl-2-pentanone
Concen: 0.583 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

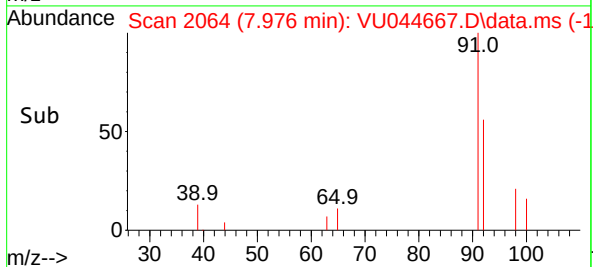
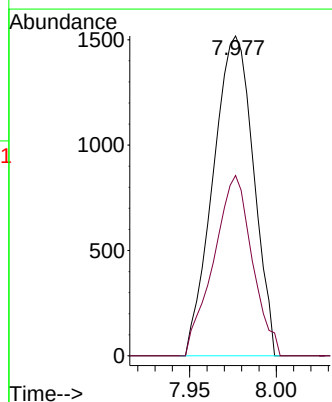
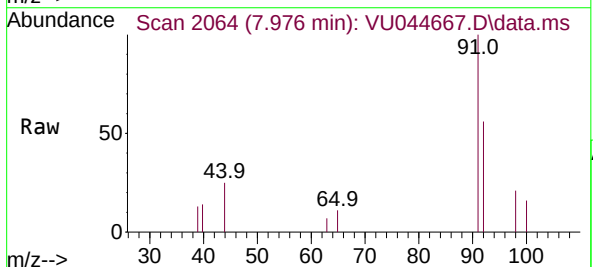
Instrument :
MSVOA_U
ClientSampled :

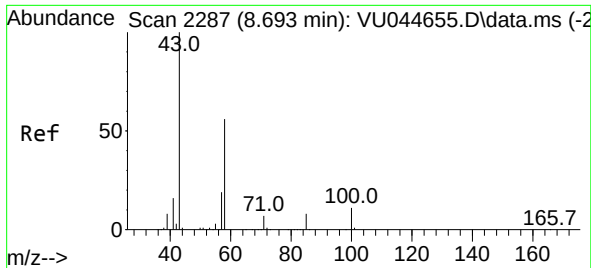
Tgt Ion: 43 Resp: 4674
Ion Ratio Lower Upper
43 100
58 35.2 31.2 46.8
100 0.0 11.4 17.0#



#42
Toluene
Concen: 0.061 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

Tgt Ion: 91 Resp: 2459
Ion Ratio Lower Upper
91 100
92 56.4 41.1 76.3

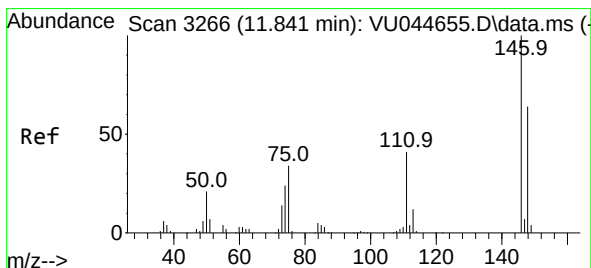
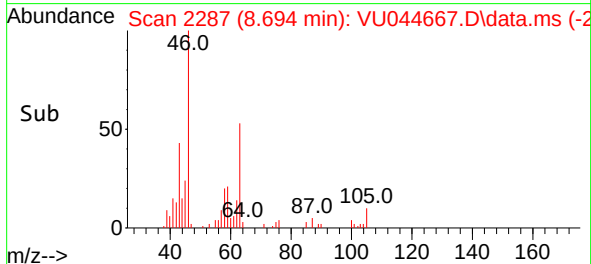
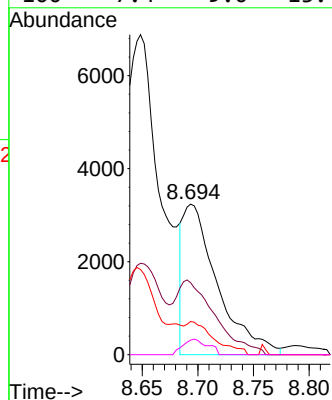
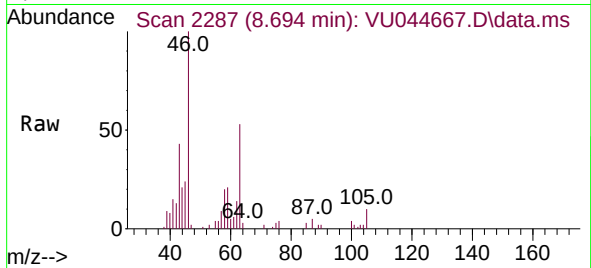




#48
2-Hexanone
Concen: 1.169 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

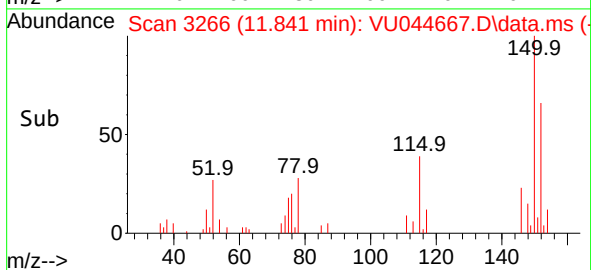
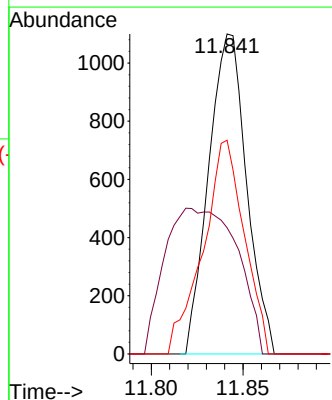
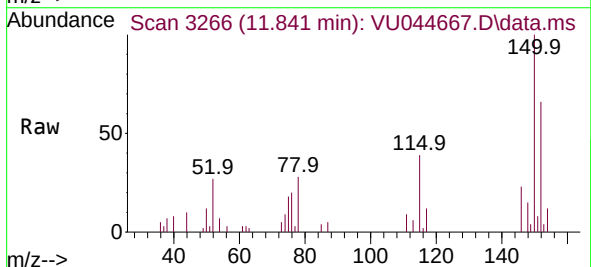
Instrument :
MSVOA_U
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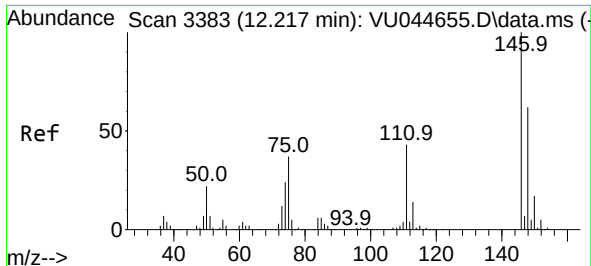
Tgt Ion: 43 Resp: 6969
Ion Ratio Lower Upper
43 100
58 57.3 44.6 66.8
57 17.6 14.8 22.2
100 7.4 9.0 13.4#



#65
1,4-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

Tgt Ion: 146 Resp: 1584
Ion Ratio Lower Upper
146 100
111 39.5 28.7 53.3
148 66.8 45.4 84.4

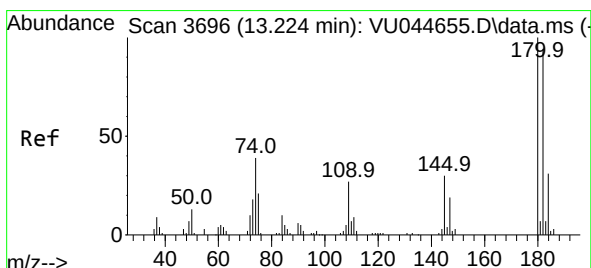
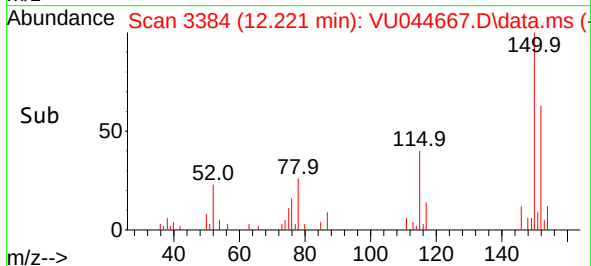
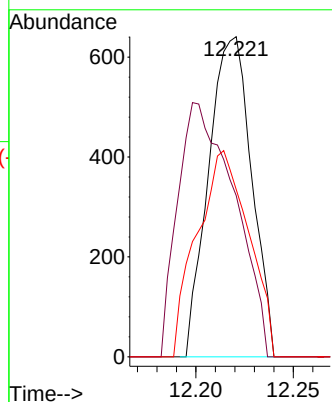
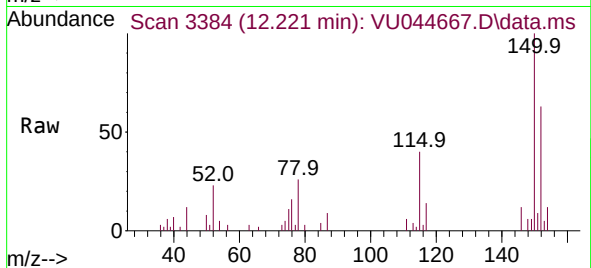




#67
1,2-Dichlorobenzene
Concen: 0.066 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

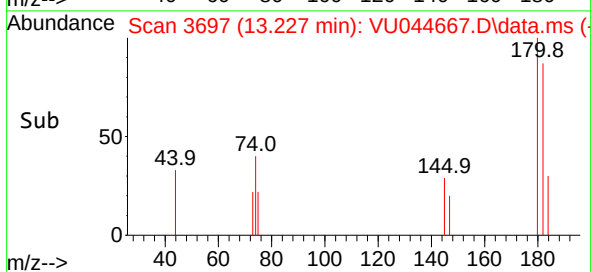
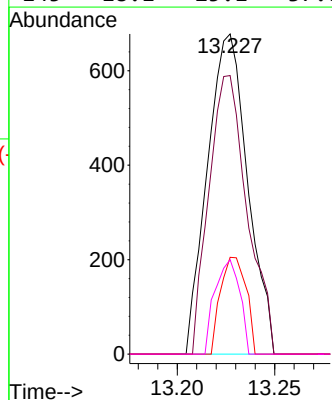
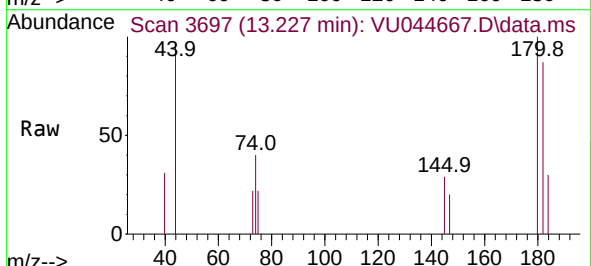
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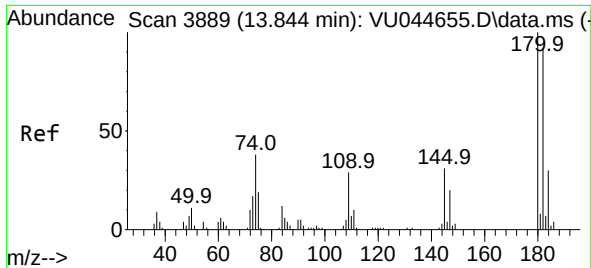
Tgt Ion:	146	Resp:	984
Ion	Ratio	Lower	Upper
146	100		
111	50.4	34.6	51.8
148	52.3	51.3	76.9



#69
1,3,5-Trichlorobenzene
Concen: 0.082 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

Tgt Ion:	180	Resp:	973
Ion	Ratio	Lower	Upper
180	100		
182	82.7	76.9	115.3
184	19.2	24.1	36.1#
145	18.1	25.1	37.7#

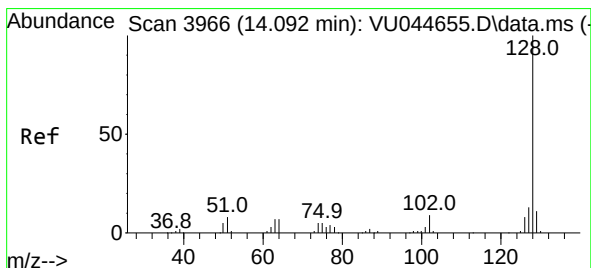
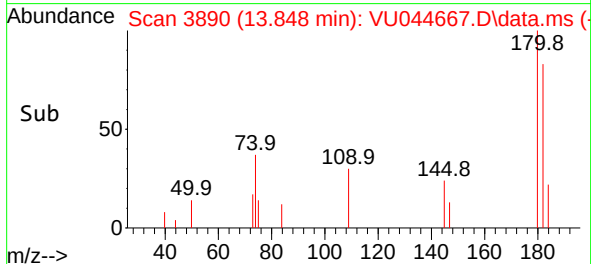
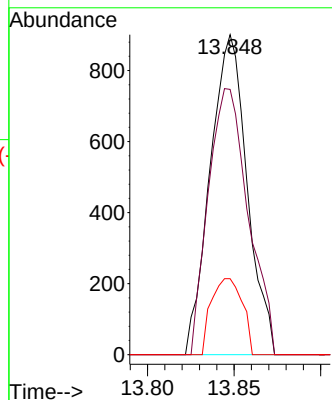
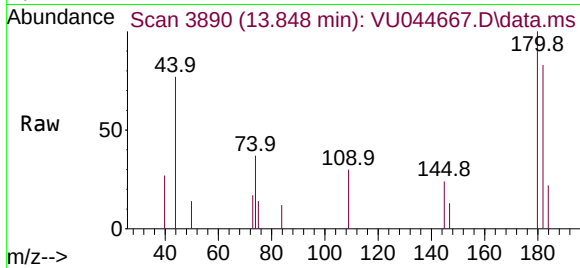




#70
1,2,4-trichlorobenzene
Concen: 0.133 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

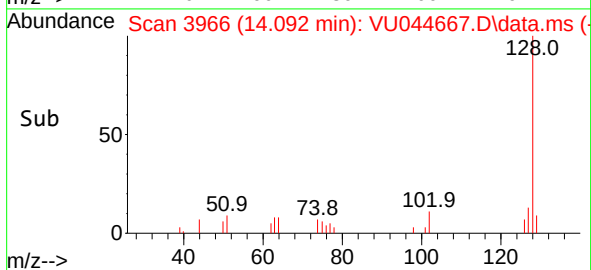
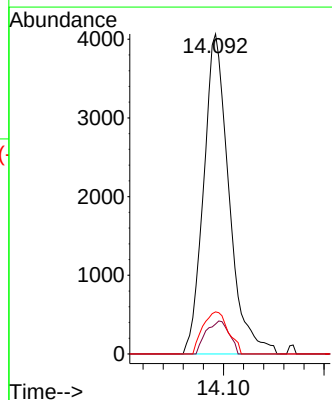
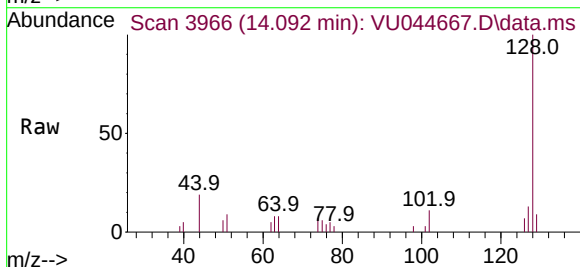
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MSVOA_U
ClientSampled :

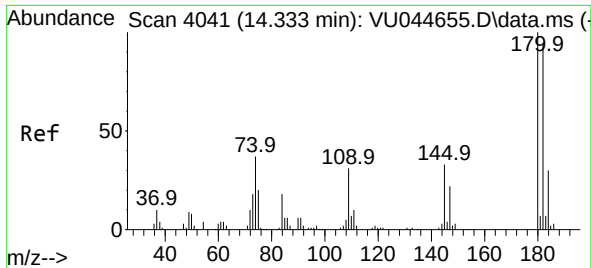
Tgt Ion:180 Resp: 1337
Ion Ratio Lower Upper
180 100
182 89.9 75.4 113.0
145 19.9 25.2 37.8#



#71
Naphthalene
Concen: 0.364 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044667.D
Acq: 16 Sep 2021 17:24

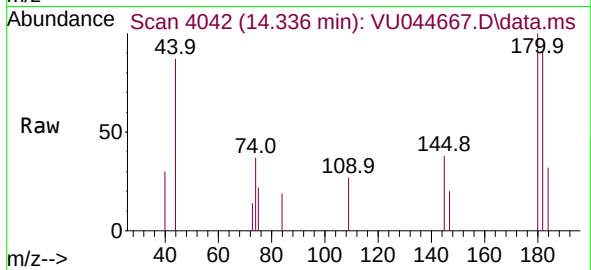
Tgt Ion:128 Resp: 7120
Ion Ratio Lower Upper
128 100
129 9.4 8.7 13.1
127 13.2 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.158 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044667.D
 Acq: 16 Sep 2021 17:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1455
Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.9	113.9
145	33.5	27.0	40.6

