

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042606.D
 Acq On : 12 Mar 2021 13:27
 Operator : SY/MD
 Sample : M1674-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC8

Quant Time: Mar 13 05:27:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

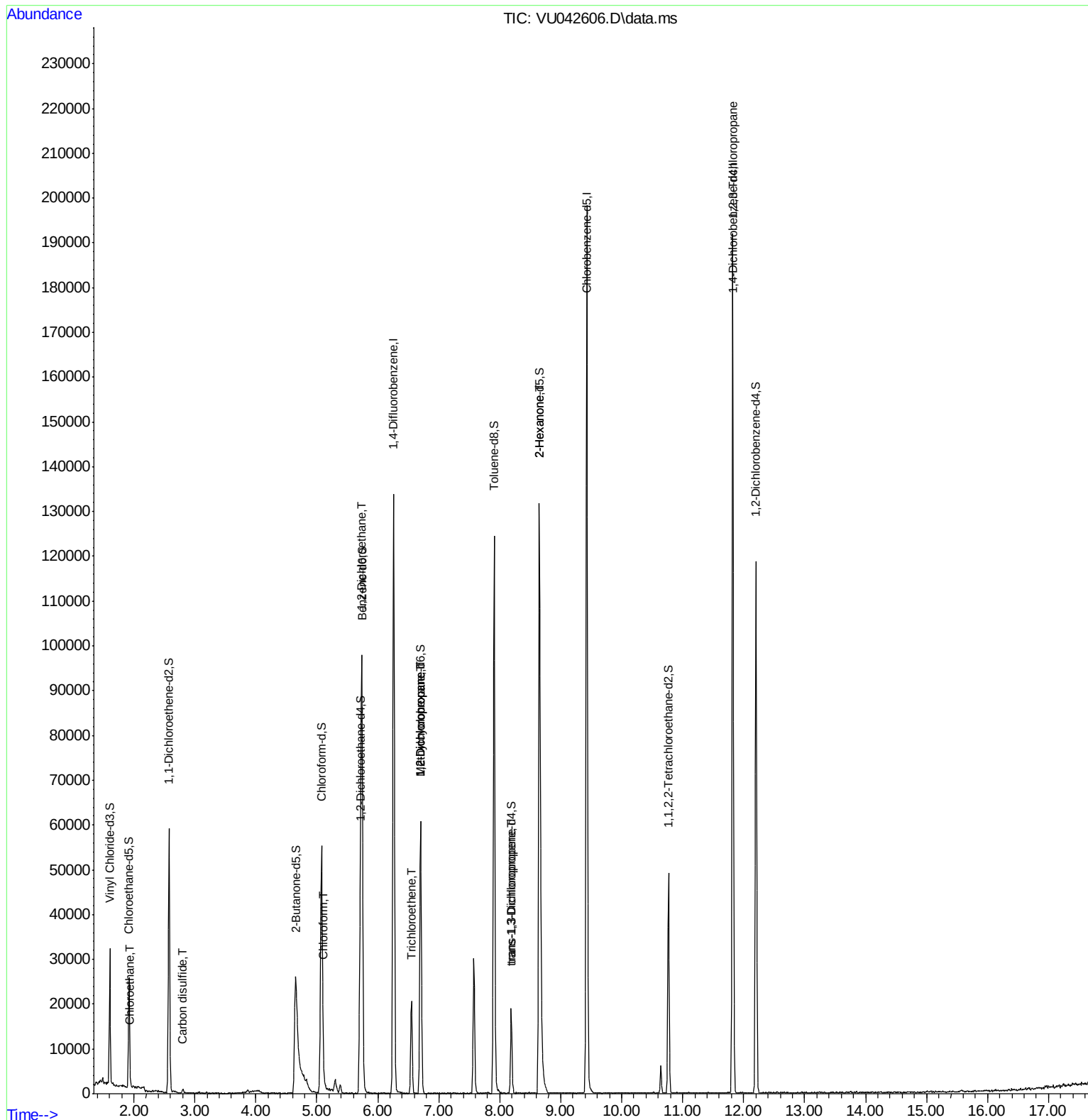
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	102978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48395	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20212	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.919	69	16671	3.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.20%#
11) 1,1-Dichloroethene-d2	2.575	63	36829	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	4.655	46	61713	27.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.76%
24) Chloroform-d	5.076	84	44410	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.40%#
26) 1,2-Dichloroethane-d4	5.713	65	29999	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
32) Benzene-d6	5.739	84	80228	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.20%#
36) 1,2-Dichloropropane-d6	6.700	67	25821	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.00%
41) Toluene-d8	7.909	98	77344	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.40%#
43) trans-1,3-Dichloroprop...	8.189	79	10249	2.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.40%#
46) 2-Hexanone-d5	8.649	63	52077	28.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.72%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	22978	3.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.00%#
64) 1,2-Dichlorobenzene-d4	12.201	152	29706	3.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.80%#
Target Compounds						
8) Chloroethane	1.938	64	232	0.04	ug/L #	43
14) Carbon disulfide	2.803	76	1037	0.04	ug/L #	87
25) Chloroform	5.099	83	3103	0.20	ug/L	92
27) 1,2-Dichloroethane	5.736	62	457	0.04	ug/L #	75
34) Trichloroethene	6.549	95	6363	0.72	ug/L	97
35) Methylcyclohexane	6.703	83	6464	0.48	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3331	0.39	ug/L #	87
44) trans-1,3-Dichloropropene	8.192	75	428	0.04	ug/L #	75
48) 2-Hexanone	8.649	43	7945	1.43	ug/L #	68
59) 1,2,3-Trichloropropane	11.819	75	5818	0.90	ug/L	93

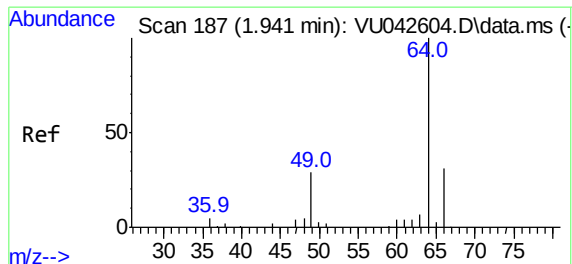
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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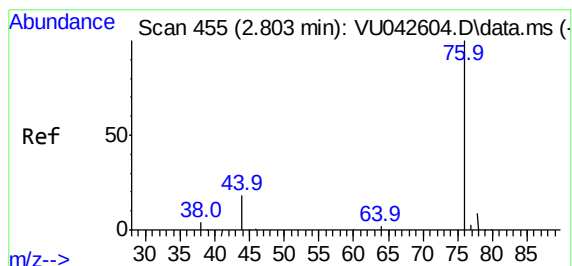
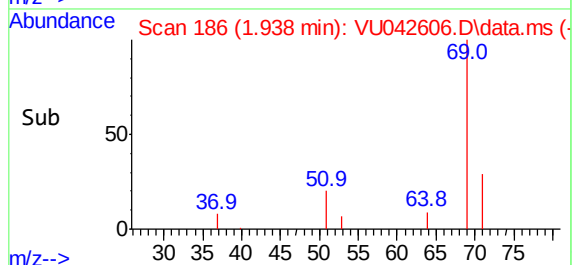
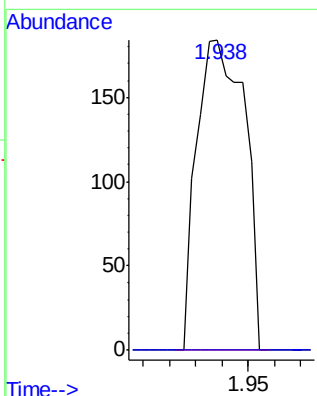
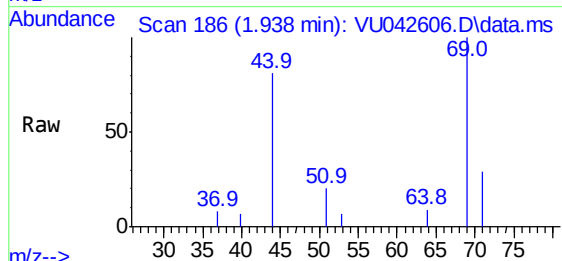




#8
Chloroethane
Concen: 0.04 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

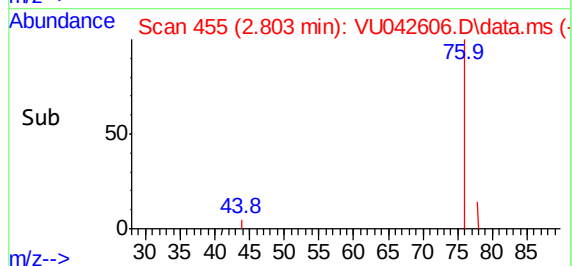
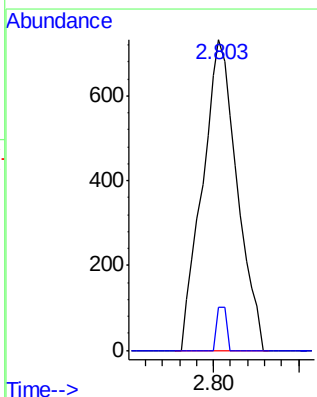
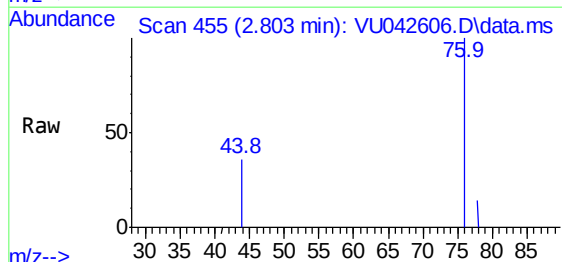
Instrument :
MSVOA_U
ClientSampleId :
C0BC8

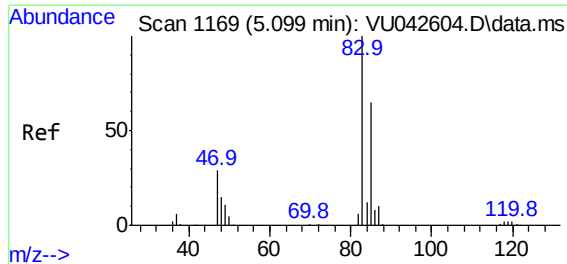
Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#14
Carbon disulfide
Concen: 0.04 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

Tgt Ion: 76 Resp: 1037
Ion Ratio Lower Upper
76 100
78 13.9 7.3 10.9#

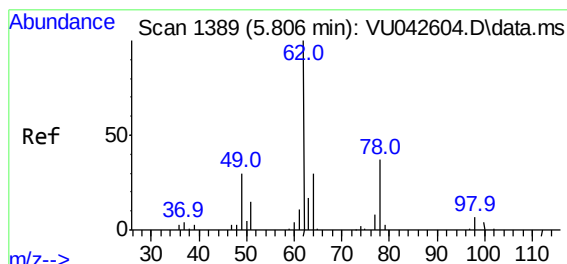
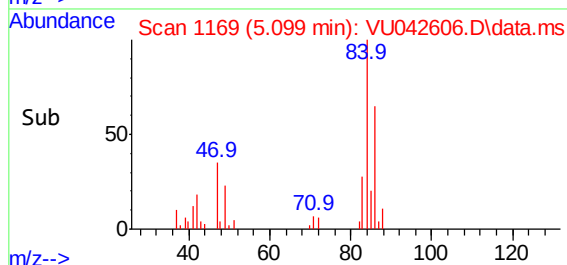
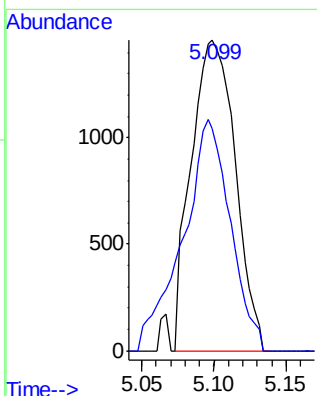
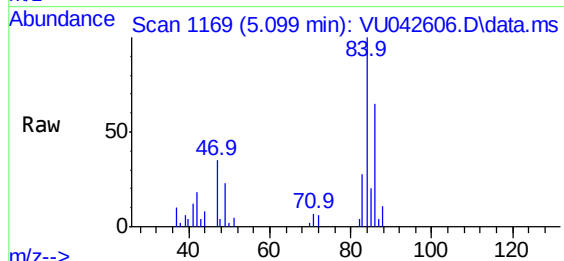




#25
Chloroform
Concen: 0.20 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

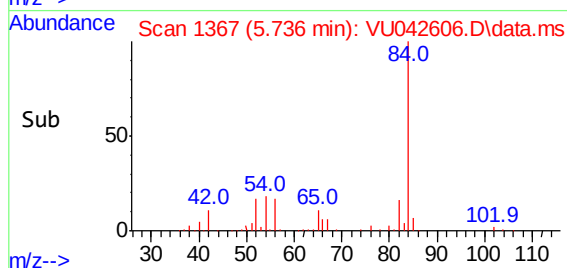
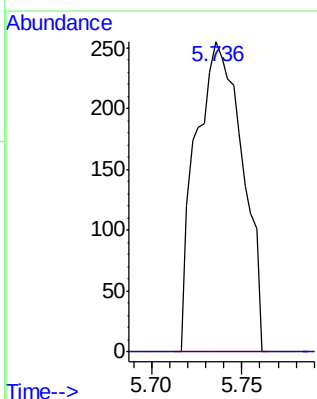
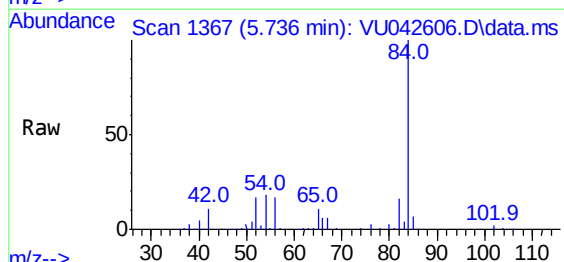
Instrument :
MSVOA_U
ClientSampled :
C0BC8

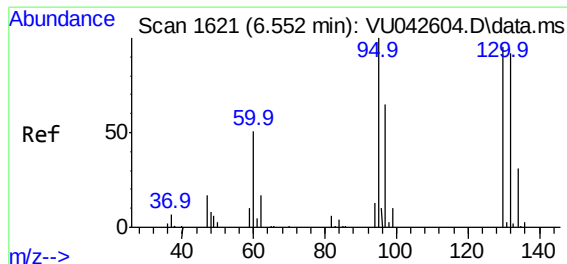
Tgt Ion: 83 Resp: 3103
Ion Ratio Lower Upper
83 100
85 71.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

Tgt Ion: 62 Resp: 457
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

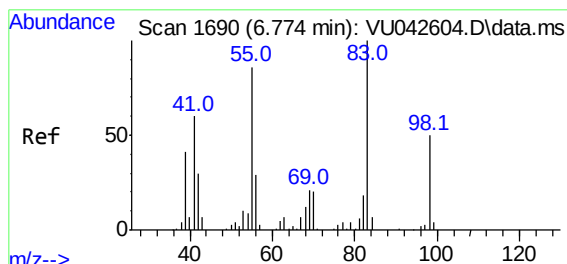
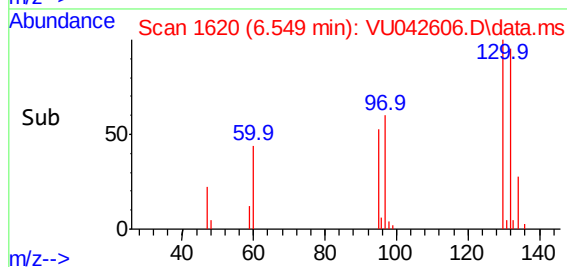
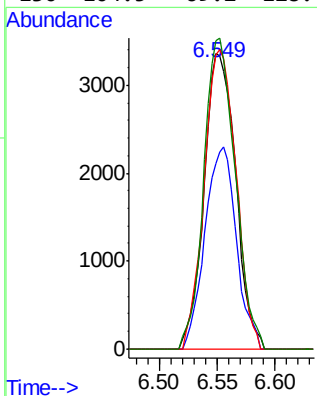
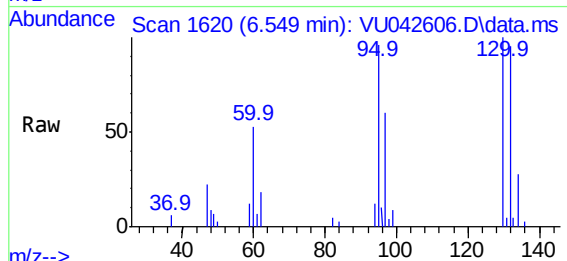




#34
Trichloroethene
Concen: 0.72 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

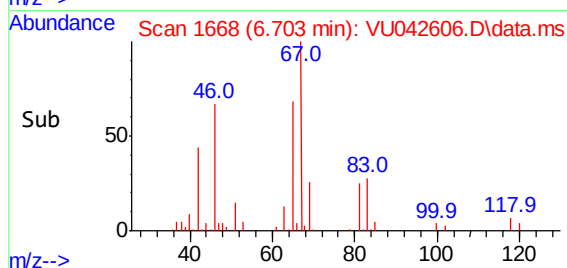
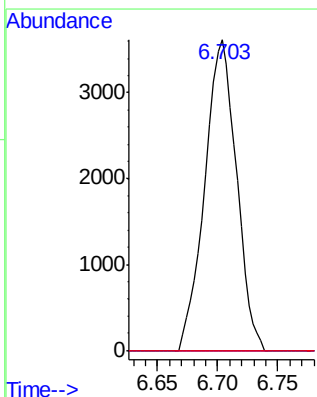
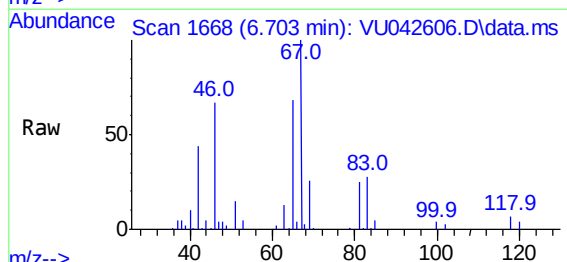
Instrument :
MSVOA_U
ClientSampleId :
C0BC8

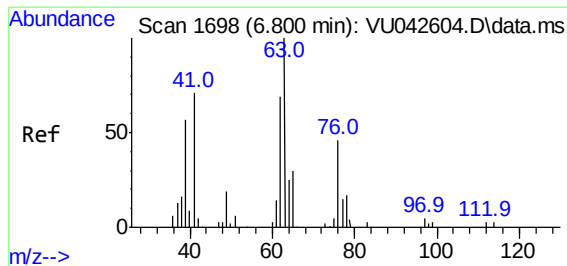
Tgt Ion: 95 Resp: 6363
Ion Ratio Lower Upper
95 100
97 62.6 44.4 82.4
132 99.7 68.0 126.4
130 104.5 69.2 128.4



#35
Methylcyclohexane
Concen: 0.48 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

Tgt Ion: 83 Resp: 6464
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.7 39.7 59.5#

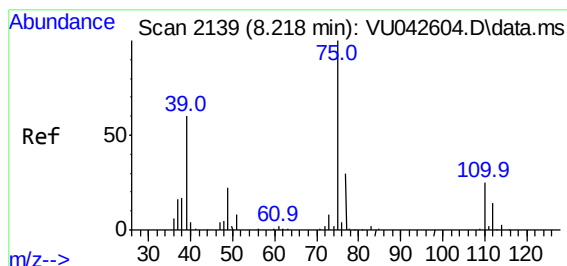
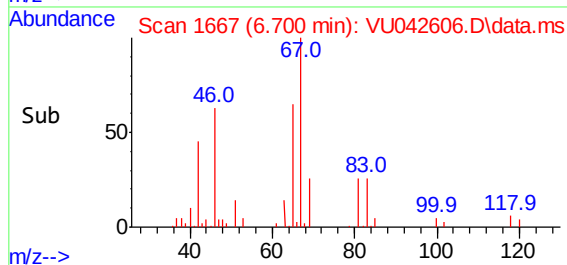
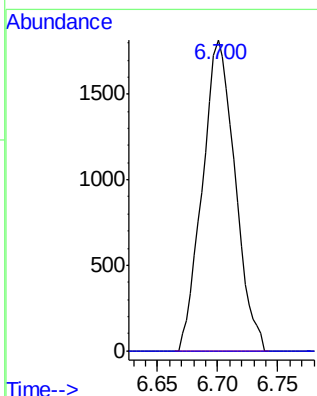
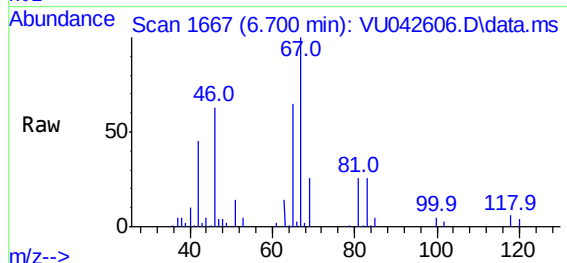




#37
1,2-Dichloropropane
Concen: 0.39 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

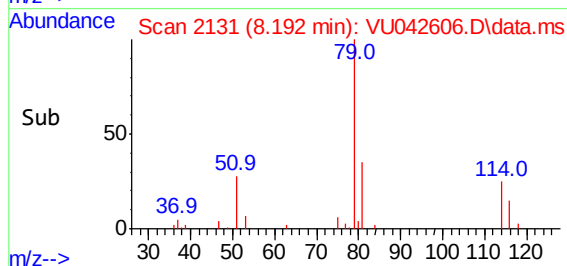
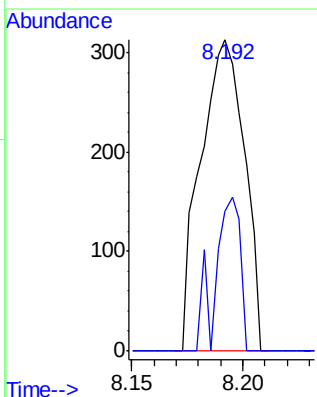
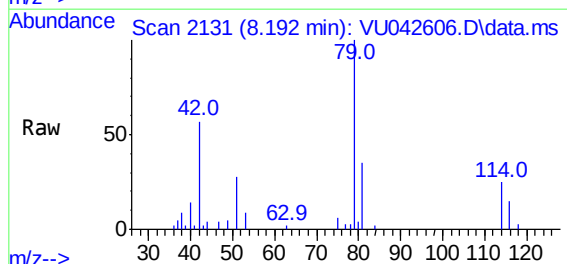
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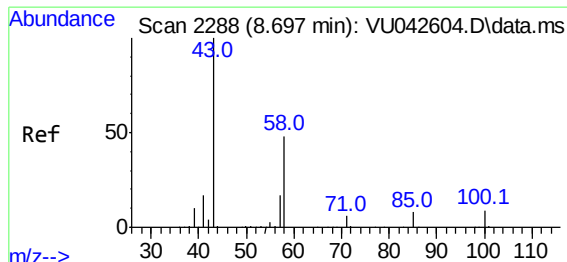
Tgt Ion: 63 Resp: 3331
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#44
trans-1,3-Dichloropropene
Concen: 0.04 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

Tgt Ion: 75 Resp: 428
Ion Ratio Lower Upper
75 100
77 45.0 21.8 40.4#

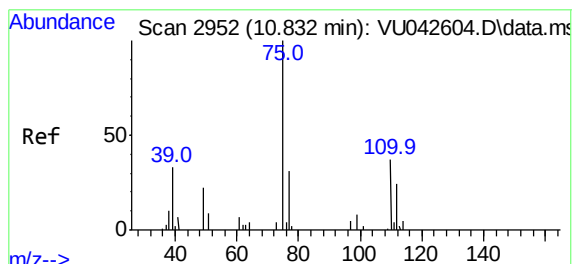
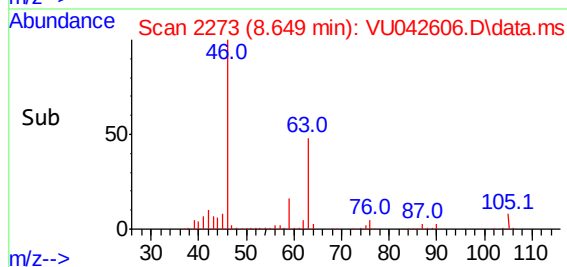
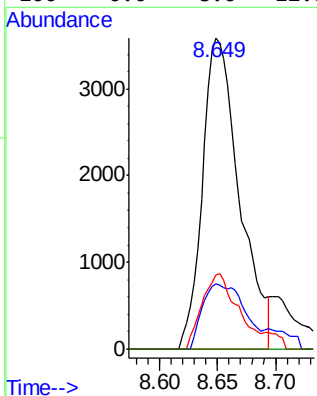
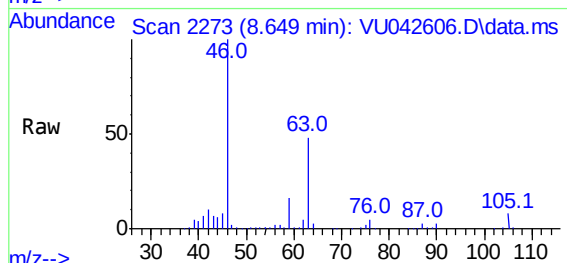




#48
2-Hexanone
Concen: 1.43 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0BC8

Tgt Ion: 43 Resp: 7945
Ion Ratio Lower Upper
43 100
58 24.2 40.6 61.0#
57 25.9 14.9 22.3#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.90 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042606.D
Acq: 12 Mar 2021 13:27

Tgt Ion: 75 Resp: 5818
Ion Ratio Lower Upper
75 100
77 36.3 26.0 39.0

