

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043528.D
 Acq On : 04 May 2021 18:34
 Operator : SY/MD
 Sample : M2195-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J6

Quant Time: May 05 08:13:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

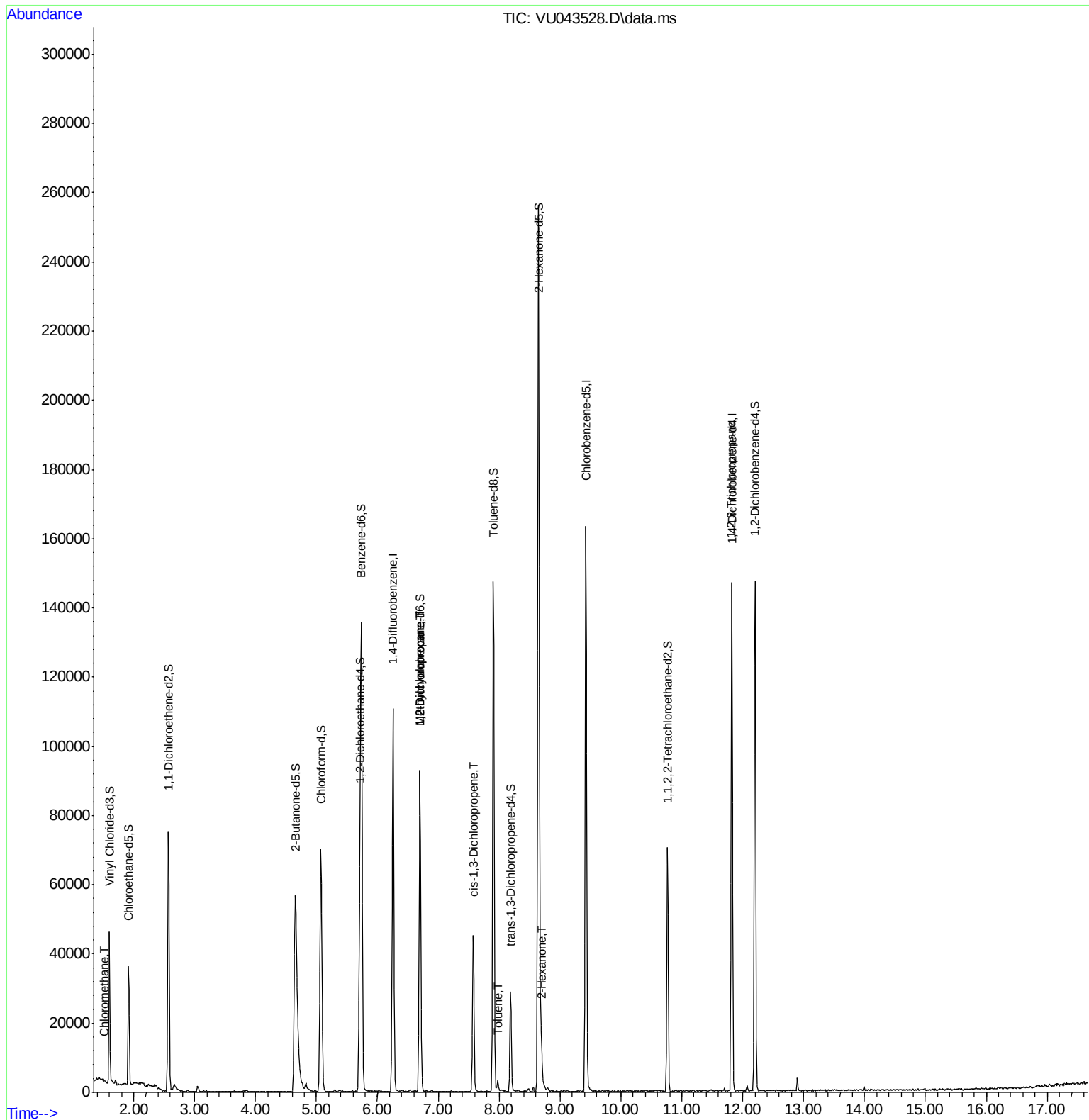
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	79946	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	82051	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	36295	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29046	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.916	69	23289	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.568	65	14570	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.655	46	128317	64.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.58%
24) Chloroform-d	5.073	84	61460	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.713	65	40694	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.735	84	110884	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.700	67	39512	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	90259	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloroprop...	8.185	79	15109	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.645	63	78169	59.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.72%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33818	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	34958	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%
Target Compounds						
3) Chloromethane	1.520	50	662	0.12	ug/L	93
35) Methylcyclohexane	6.700	83	8964	1.26	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4749	0.74	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1234	0.14	ug/L #	79
42) Toluene	7.980	91	2009	0.09	ug/L	100
48) 2-Hexanone	8.697	43	5029	1.28	ug/L #	87
61) 1,2,3-Trichloropropane	11.819	75	5018	1.37	ug/L #	67

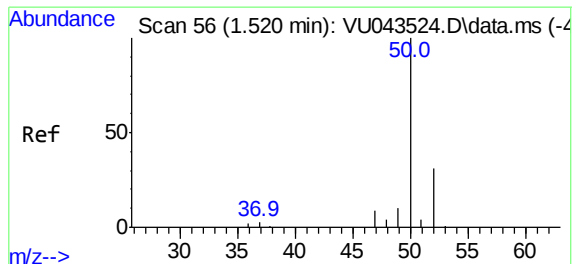
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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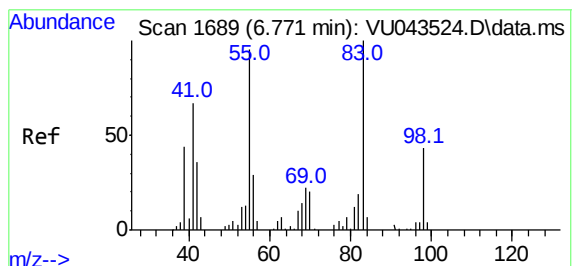
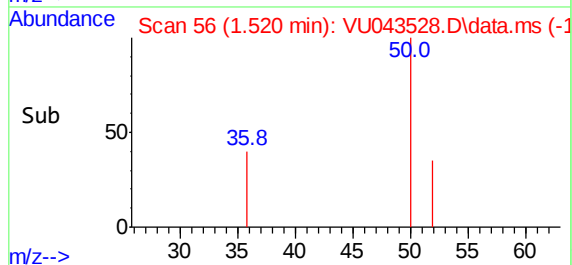
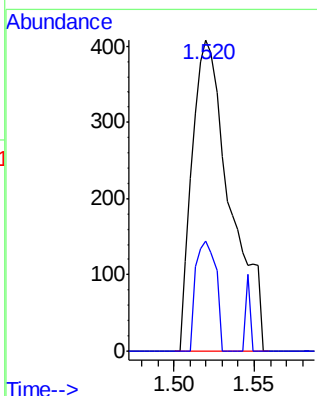
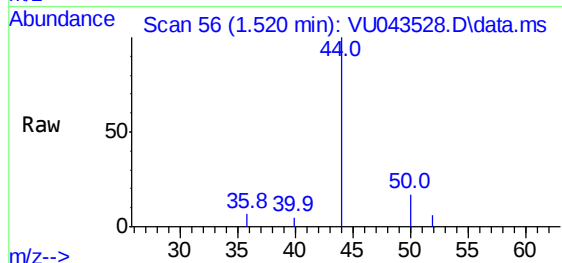




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043528.D
Acq: 04 May 2021 18:34

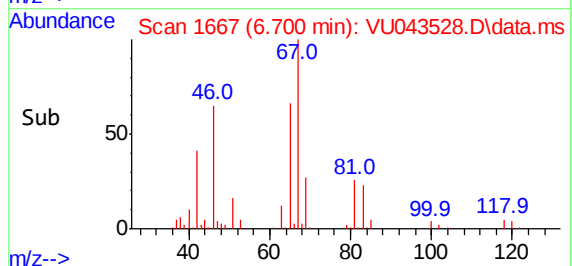
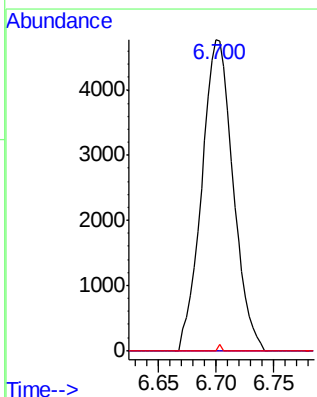
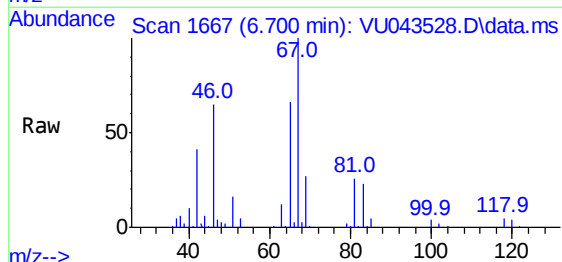
Instrument :
MSVOA_U
ClientSampleId :
GB3J6

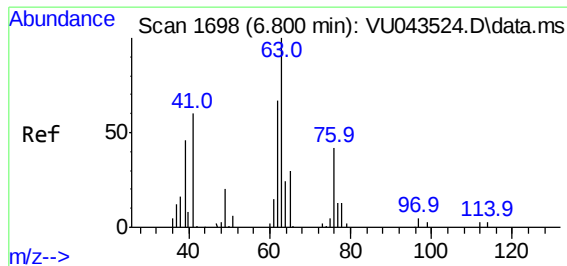
Tgt Ion: 50 Resp: 662
Ion Ratio Lower Upper
50 100
52 35.3 22.1 41.1



#35
Methylcyclohexane
Concen: 1.26 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043528.D
Acq: 04 May 2021 18:34

Tgt Ion: 83 Resp: 8964
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.2 35.5 53.3#

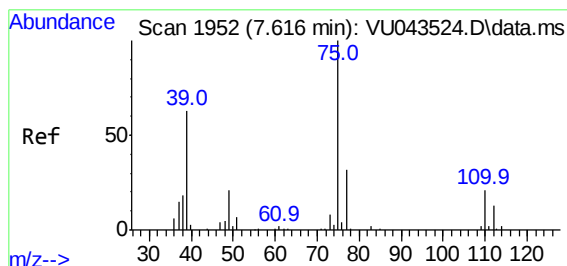
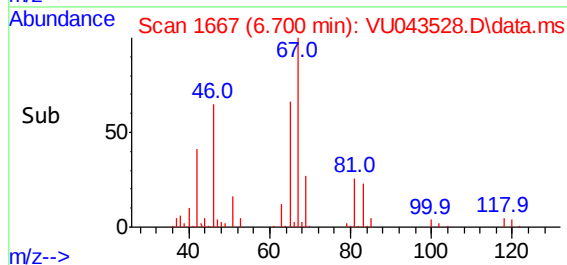
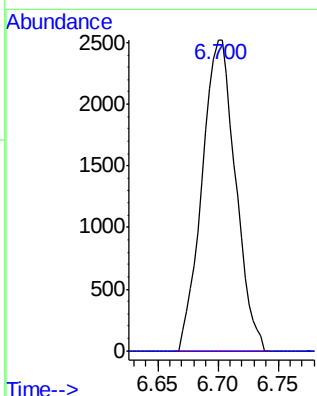
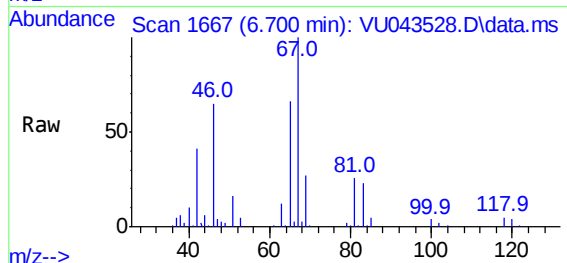




#37
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043528.D
Acq: 04 May 2021 18:34

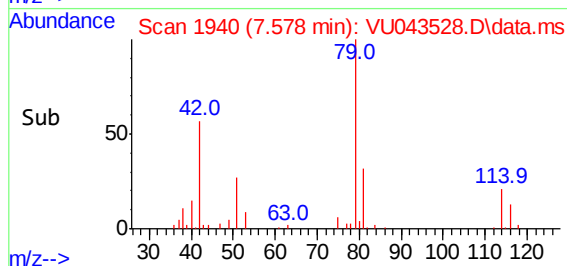
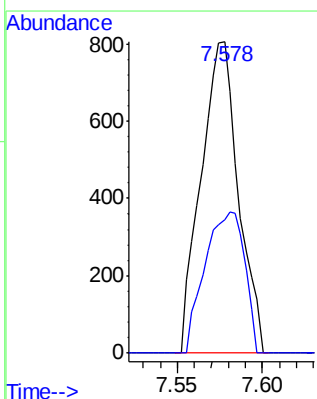
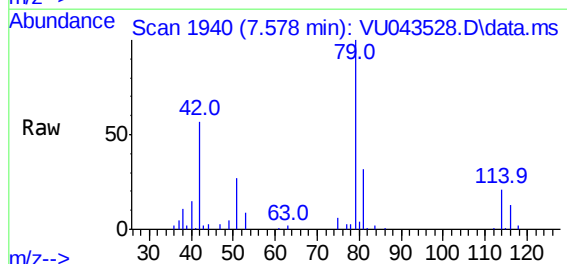
Instrument :
MSVOA_U
ClientSampleId :
GB3J6

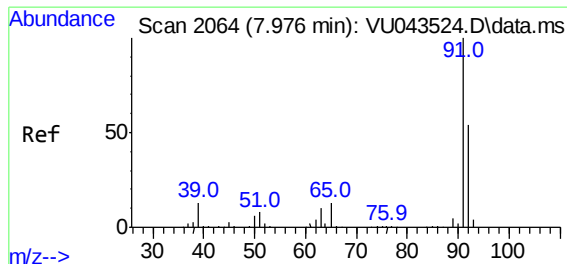
Tgt Ion: 63 Resp: 4749
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043528.D
Acq: 04 May 2021 18:34

Tgt Ion: 75 Resp: 1234
Ion Ratio Lower Upper
75 100
77 42.6 21.9 40.7#

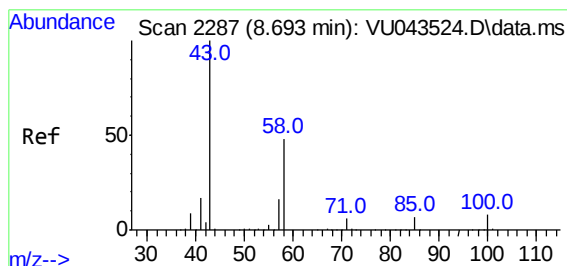
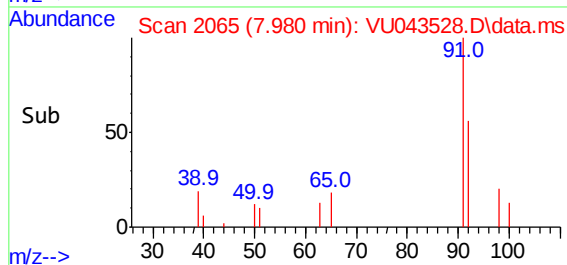
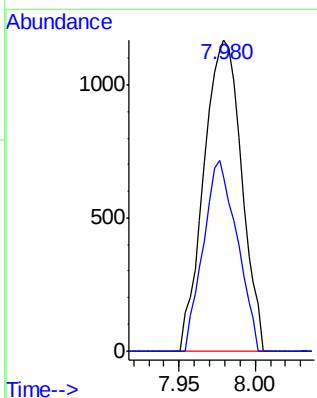
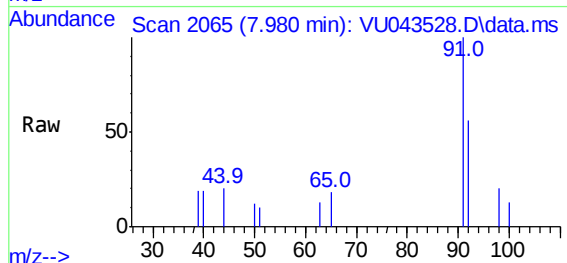




#42
Toluene
Concen: 0.09 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043528.D
Acq: 04 May 2021 18:34

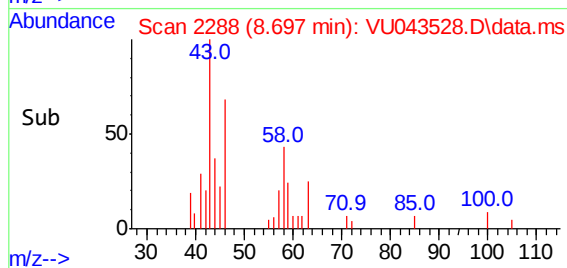
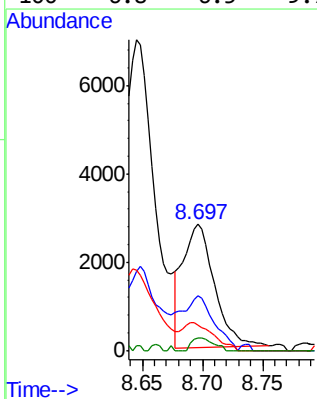
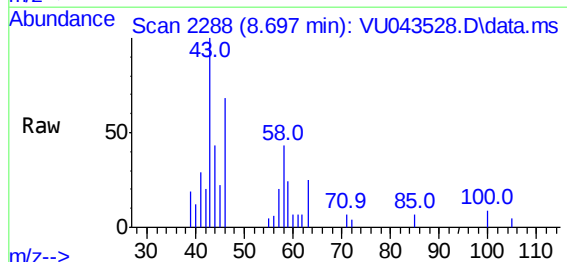
Instrument :
MSVOA_U
ClientSampled :
GB3J6

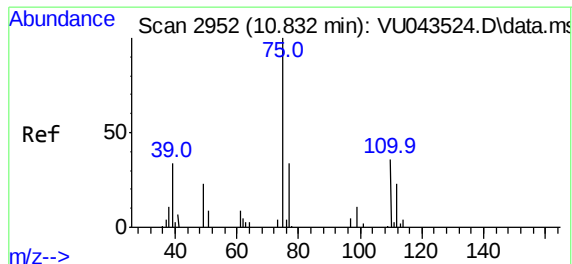
Tgt Ion: 91 Resp: 2009
Ion Ratio Lower Upper
91 100
92 55.8 39.1 72.5



#48
2-Hexanone
Concen: 1.28 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043528.D
Acq: 04 May 2021 18:34

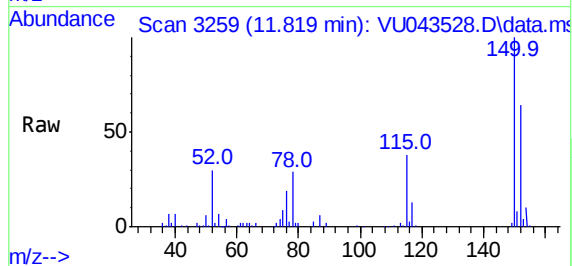
Tgt Ion: 43 Resp: 5029
Ion Ratio Lower Upper
43 100
58 36.2 36.8 55.2#
57 21.1 13.2 19.8#
100 6.8 6.5 9.7





#61
 1,2,3-Trichloropropane
 Concen: 1.37 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043528.D
 Acq: 04 May 2021 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J6



Tgt Ion: 75 Resp: 5018
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 42.8#
 77 33.3 25.7 38.5

