

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043641.D
 Acq On : 10 May 2021 16:18
 Operator : SY/MD
 Sample : M2272-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:59:55 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)

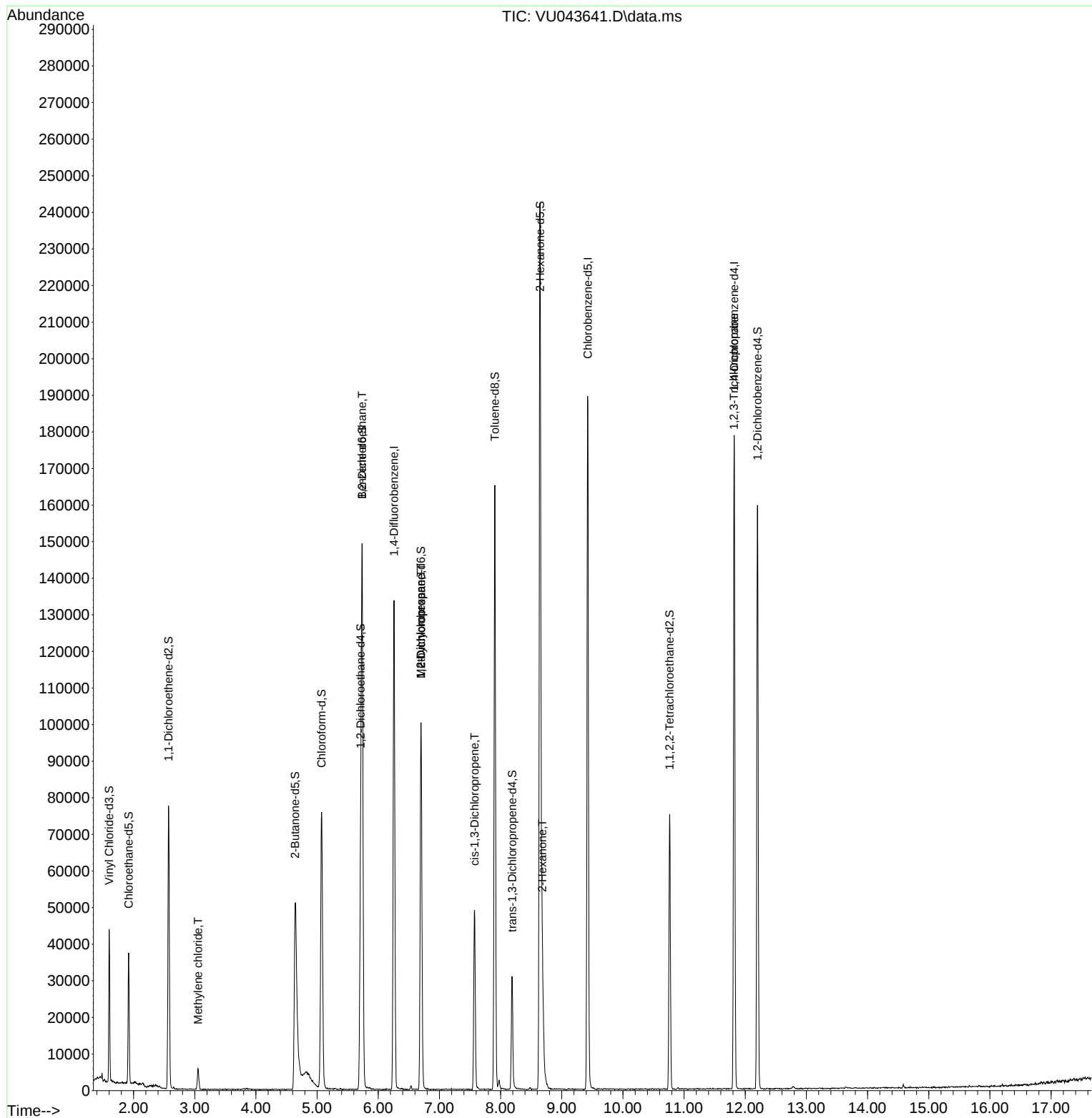
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	97352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94750	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42660	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27937	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.919	69	23808	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.571	65	14739	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.642	46	111162	45.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.48%
24) Chloroform-d	5.073	84	66862	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.713	65	42871	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	121575	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	44787	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.906	98	100529	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloroprop...	8.189	79	16182	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.645	63	87808	57.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37125	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	37406	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	2414	0.28	ug/L	84
27) 1,2-Dichloroethane	5.735	62	745	0.08	ug/L #	78
35) Methylcyclohexane	6.700	83	9795	1.19	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4940	0.66	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1228	0.12	ug/L #	64
48) 2-Hexanone	8.684	43	5550	1.23	ug/L #	70
61) 1,2,3-Trichloropropane	11.815	75	5776	1.34	ug/L #	68

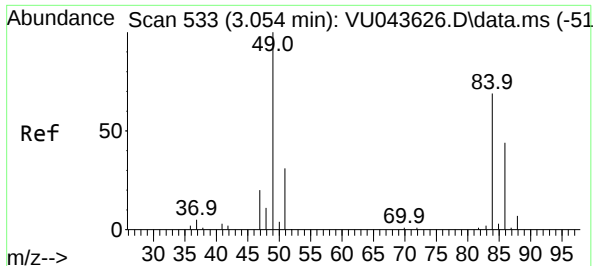
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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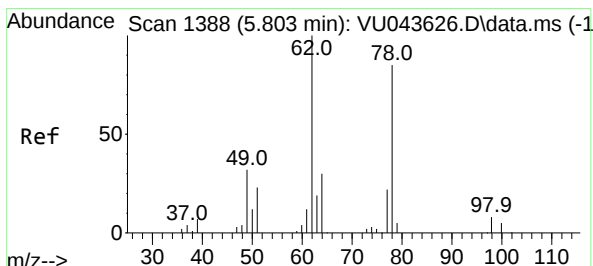
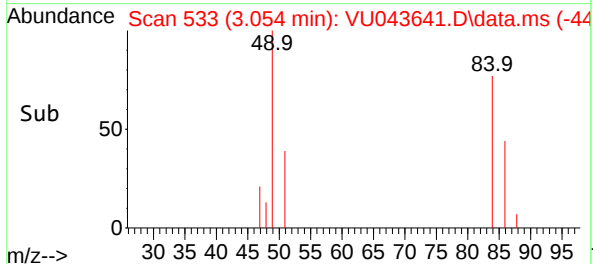
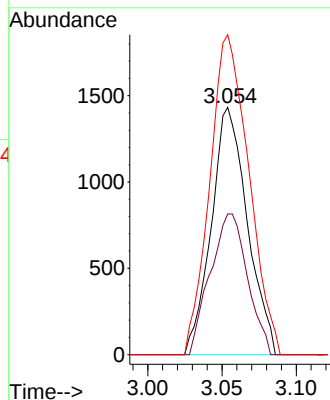
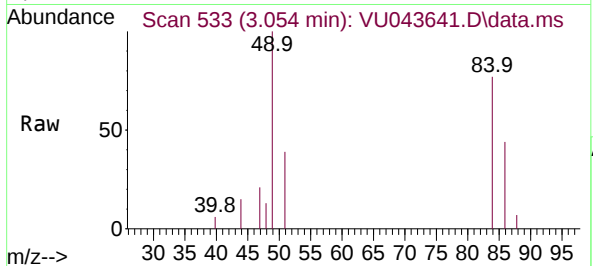




#16
Methylene chloride
Concen: 0.28 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043641.D
Acq: 10 May 2021 16:18

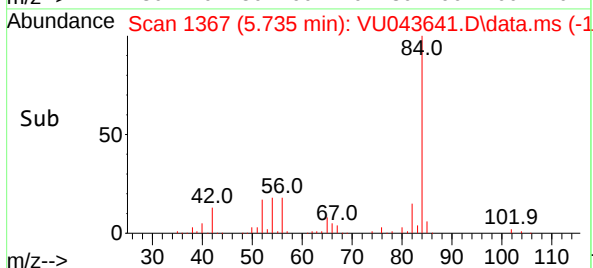
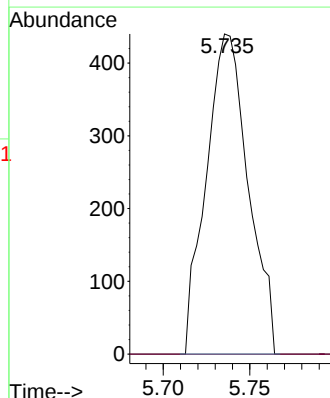
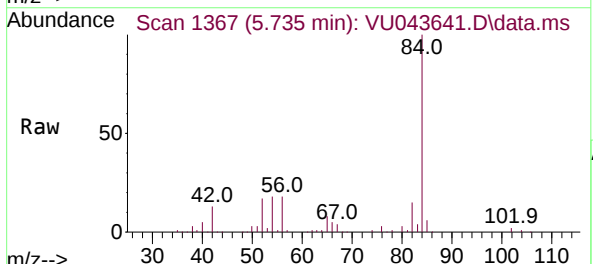
Instrument :
MSVOA_U
ClientSampled :

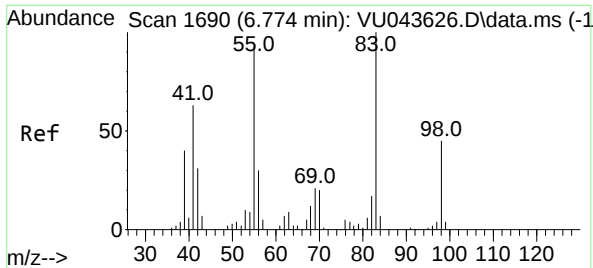
Tgt Ion: 84 Resp: 2414
Ion Ratio Lower Upper
84 100
86 56.9 45.6 84.6
49 129.4 107.0 198.8



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043641.D
Acq: 10 May 2021 16:18

Tgt Ion: 62 Resp: 745
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

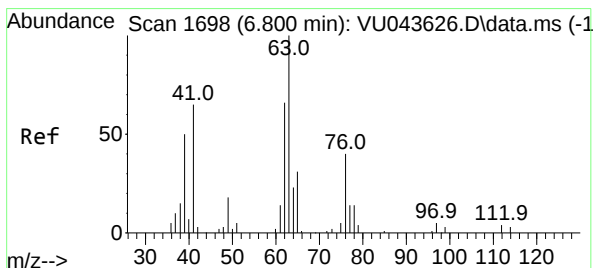
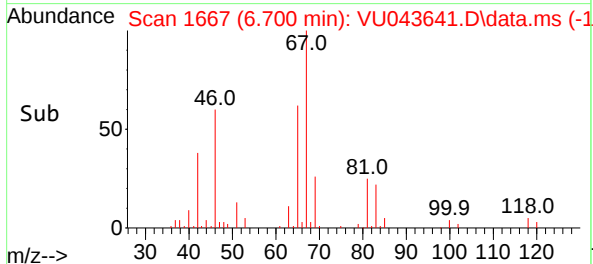
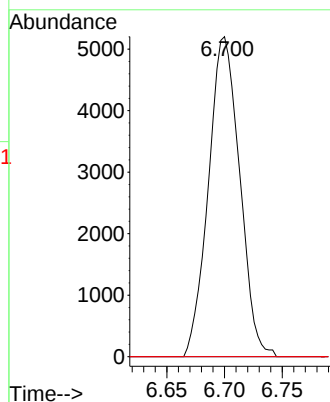
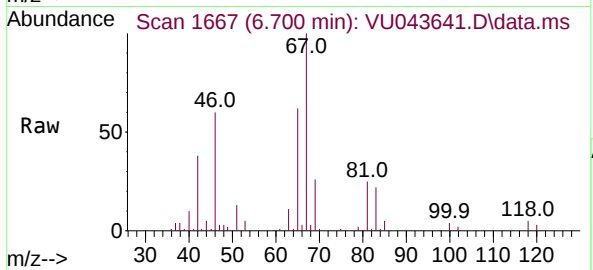




#35
Methylcyclohexane
Concen: 1.19 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043641.D
Acq: 10 May 2021 16:18

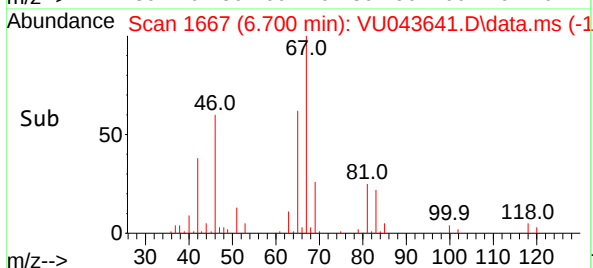
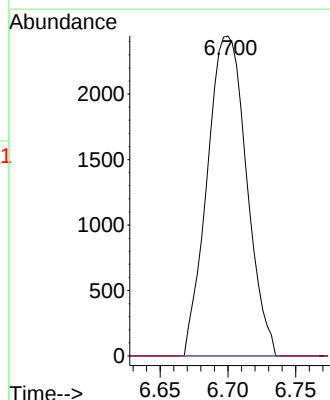
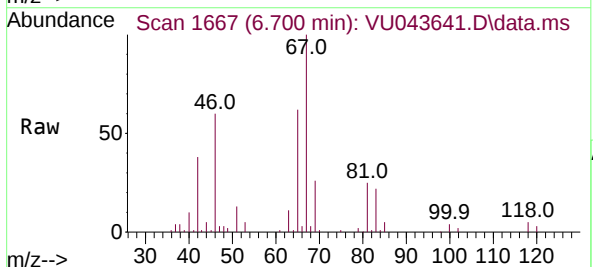
Instrument :
MSVOA_U
ClientSampleId :

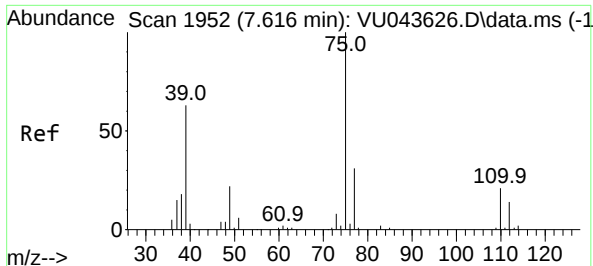
Tgt Ion:	83	Resp:	9795
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	1.6	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043641.D
Acq: 10 May 2021 16:18

Tgt Ion:	63	Resp:	4940
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

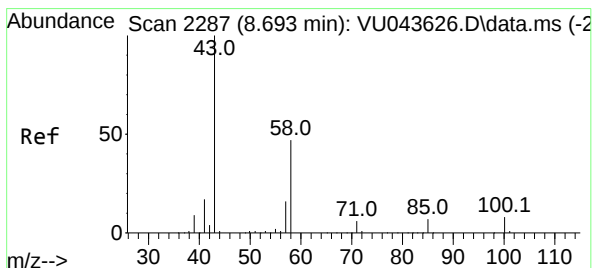
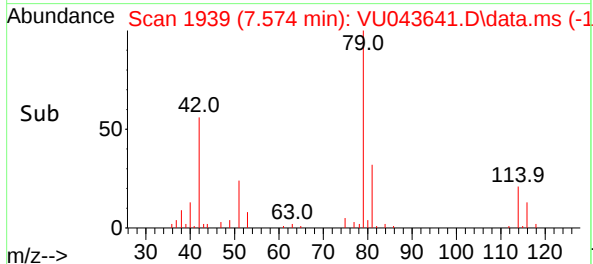
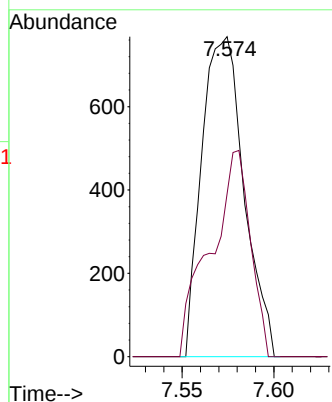
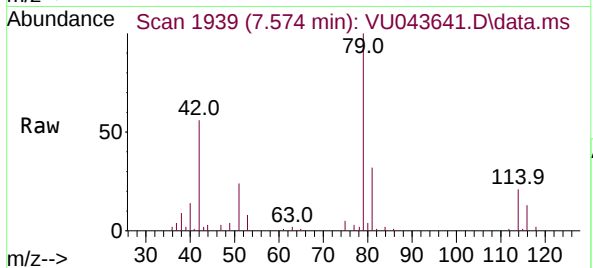




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043641.D
Acq: 10 May 2021 16:18

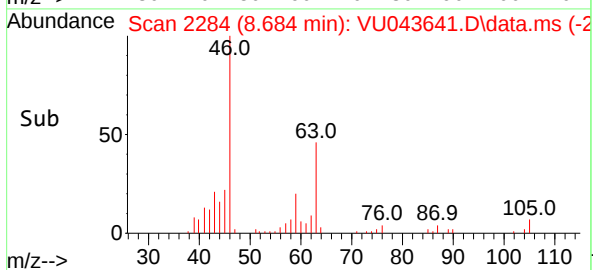
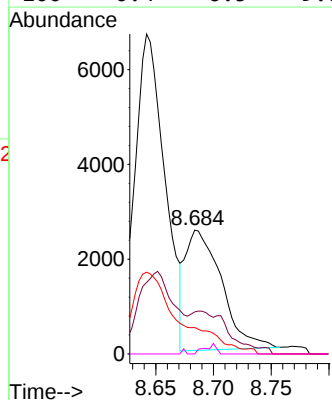
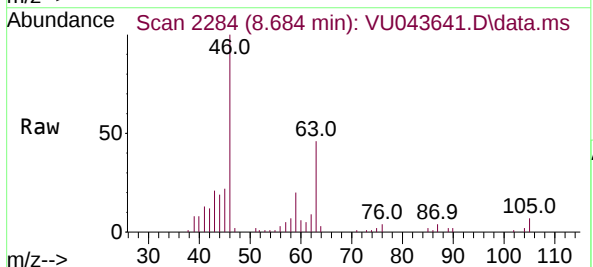
Instrument :
MSVOA_U
ClientSampled :

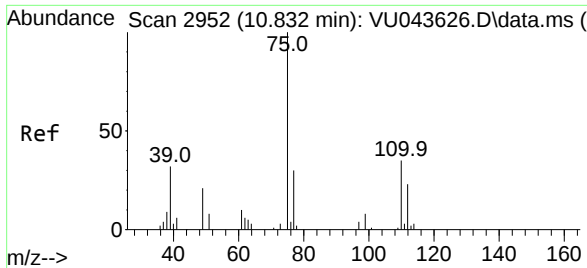
Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 50.9 21.9 40.7#



#48
2-Hexanone
Concen: 1.23 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.010 min
Lab File: VU043641.D
Acq: 10 May 2021 16:18

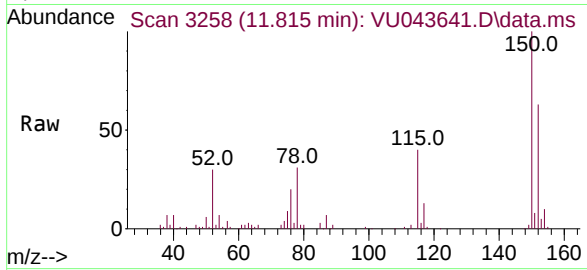
Tgt Ion: 43 Resp: 5550
Ion Ratio Lower Upper
43 100
58 27.4 36.8 55.2#
57 0.0 13.2 19.8#
100 0.4 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.34 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043641.D
 Acq: 10 May 2021 16:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5776
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.6 42.8#
 77 32.9 25.7 38.5

