

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043218.D
 Acq On : 20 Apr 2021 13:04
 Operator : SY/MD
 Sample : M2057-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:00:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

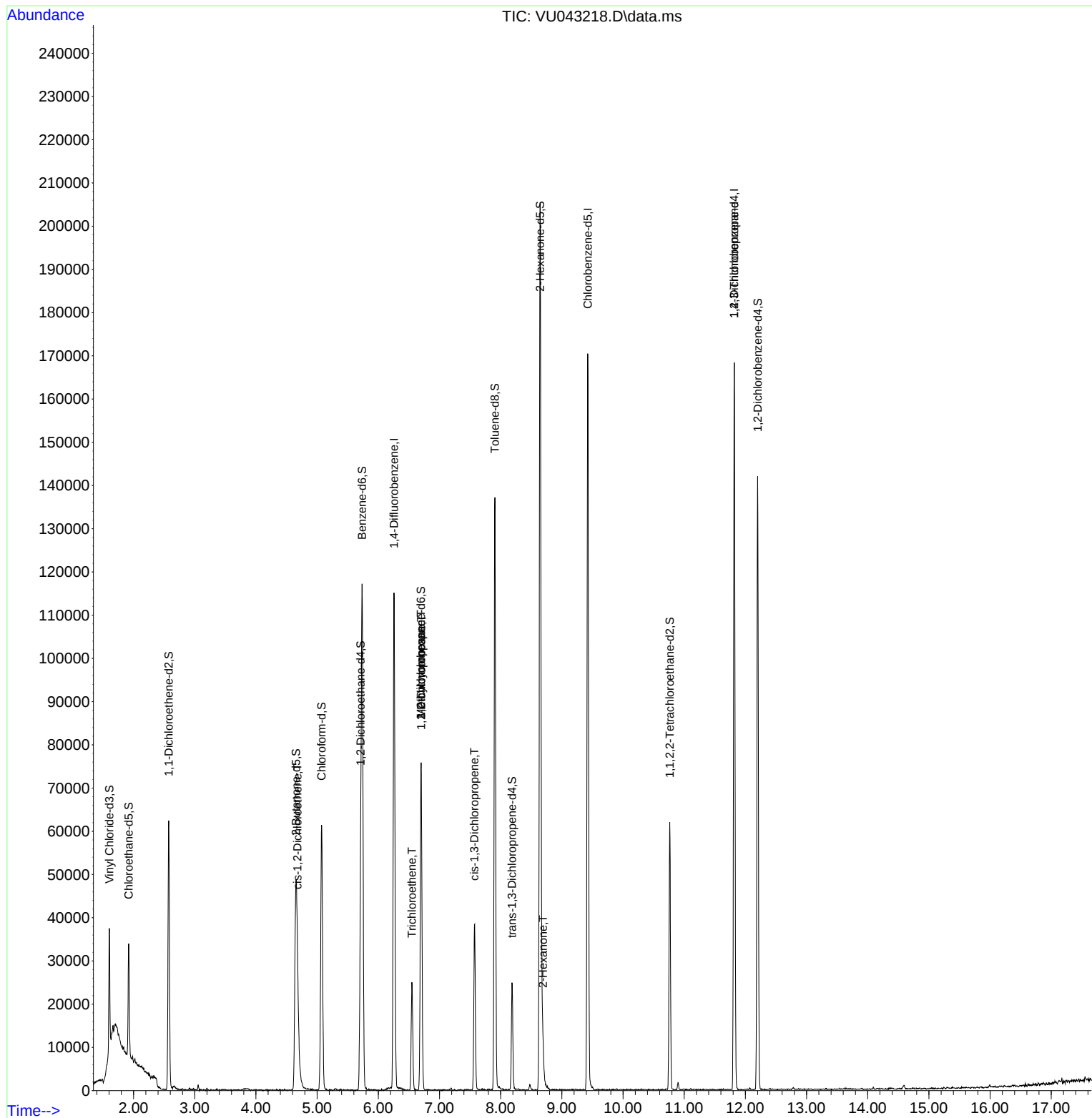
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	84672	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85041	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41386	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18183	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	16732	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.575	65	12056	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.655	46	101220	53.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.20%
24) Chloroform-d	5.073	84	53232	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.713	65	33482	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.736	84	95975	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	31996	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.906	98	83133	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloroprop...	8.186	79	12915	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.645	63	64448	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27703	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	34375	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						
22) cis-1,2-Dichloroethene	4.678	96	3034	0.51	ug/L	76
34) Trichloroethene	6.549	95	7951	1.27	ug/L	90
35) Methylcyclohexane	6.700	83	7467	0.86	ug/L	# 19
37) 1,2-Dichloropropane	6.703	63	4271	0.67	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1074	0.11	ug/L	# 81
48) 2-Hexanone	8.690	43	3598	0.85	ug/L	# 75
61) 1,2,3-Trichloropropane	11.819	75	5654	1.32	ug/L	# 62

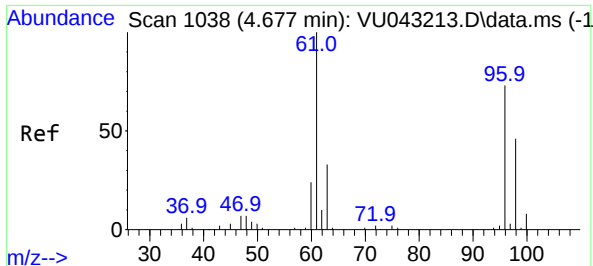
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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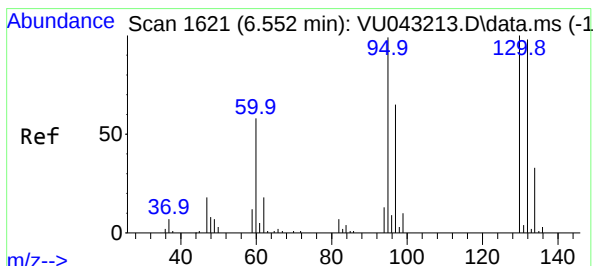
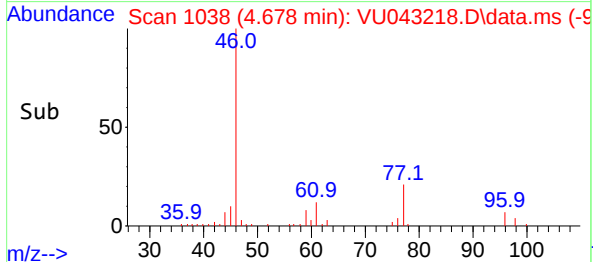
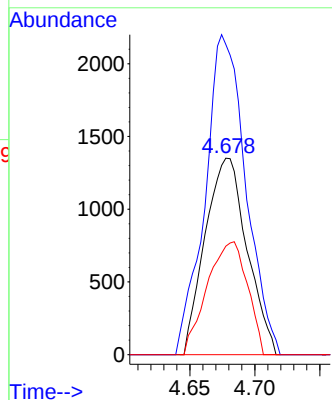
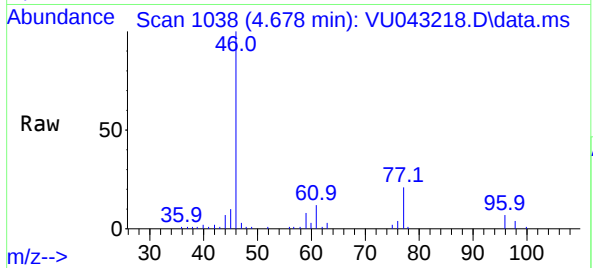


#22
cis-1,2-Dichloroethene
Concen: 0.51 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 96 Resp: 3034

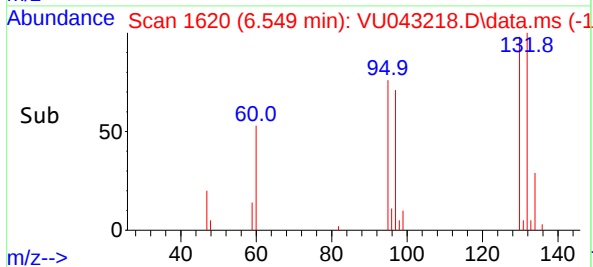
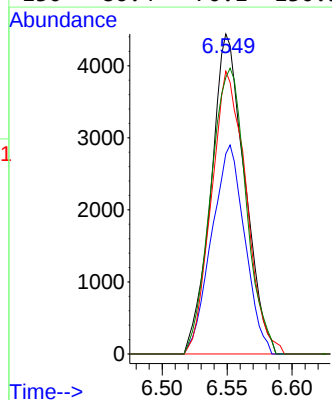
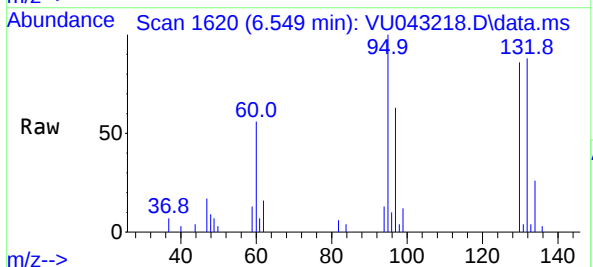
Ion	Ratio	Lower	Upper
96	100		
61	157.9	87.4	162.4
98	55.2	47.7	88.5

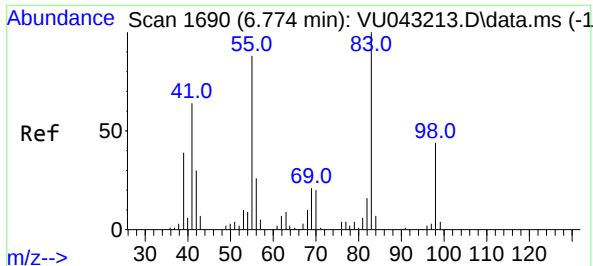


#34
Trichloroethene
Concen: 1.27 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

Tgt Ion: 95 Resp: 7951

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.8	85.2
132	88.3	68.7	127.7
130	86.4	70.1	130.3

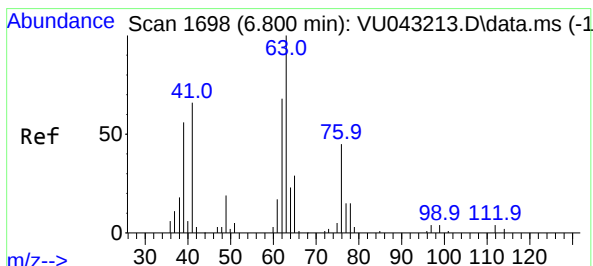
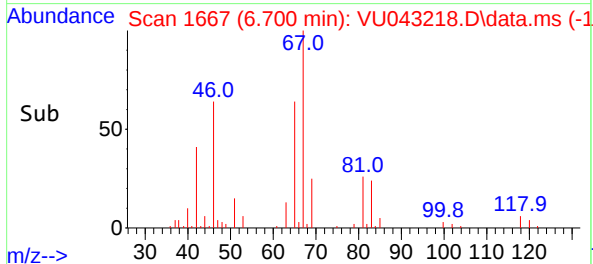
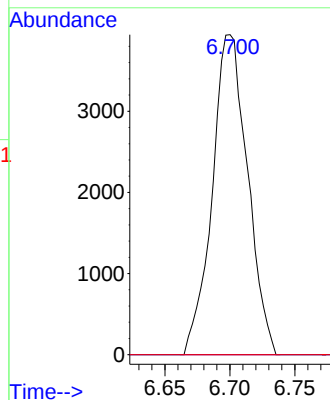
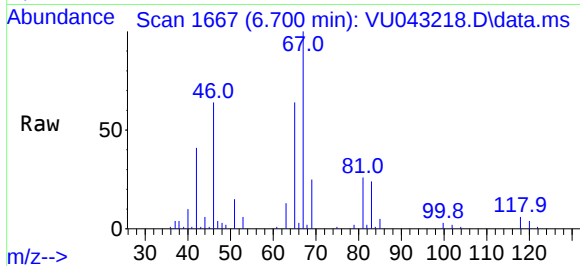




#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

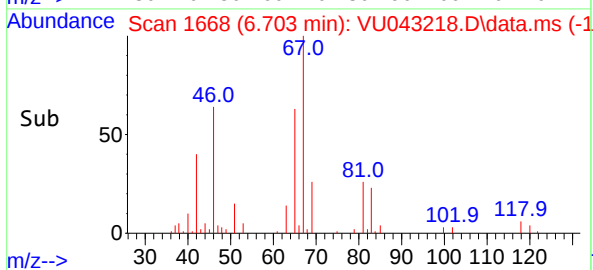
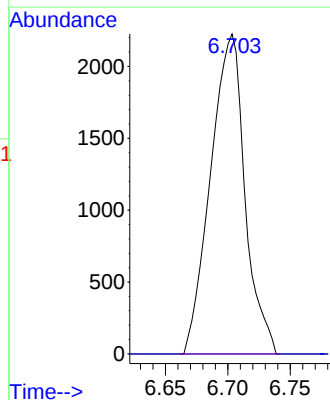
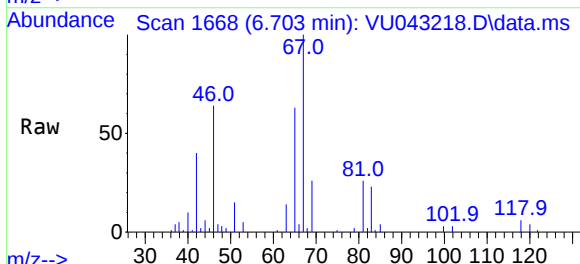
Instrument :
MSVOA_U
ClientSampleId :

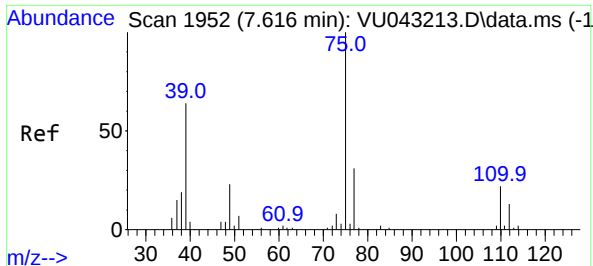
Tgt Ion:	83	Resp:	7467
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.3	37.9	56.9#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

Tgt Ion:	63	Resp:	4271
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

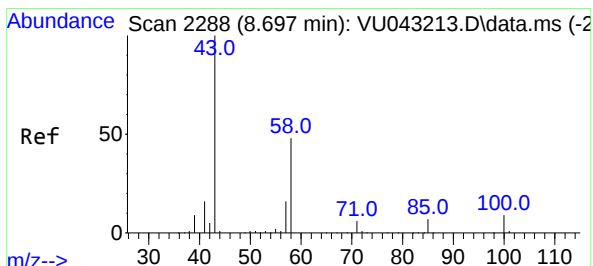
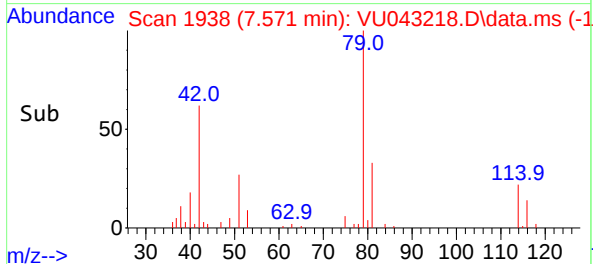
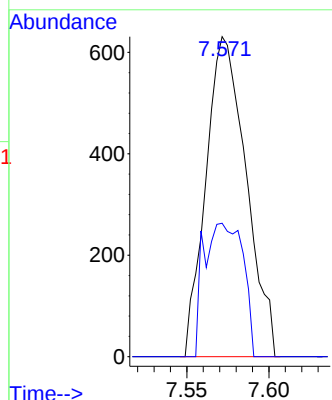
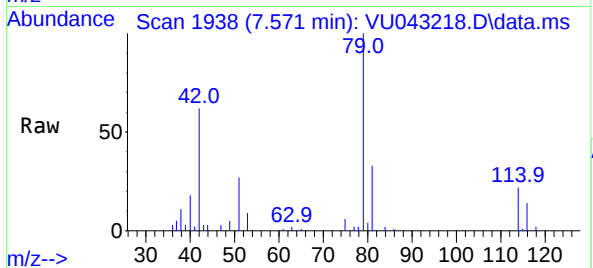




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

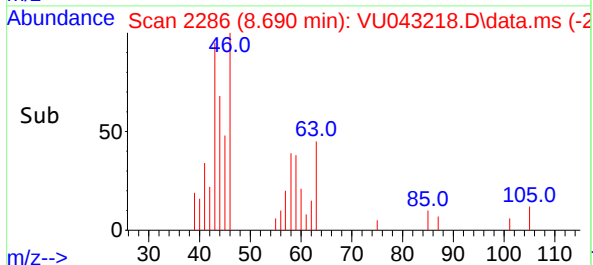
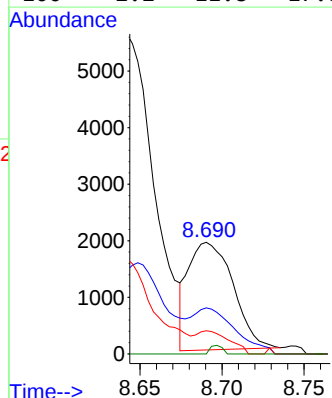
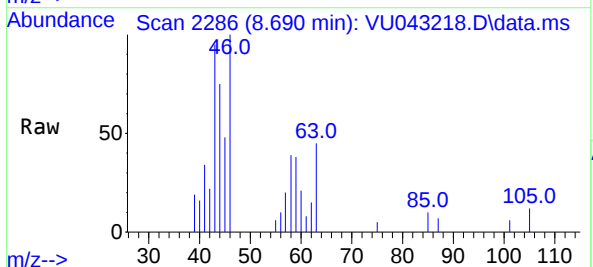
Instrument :
MSVOA_U
ClientSampled :

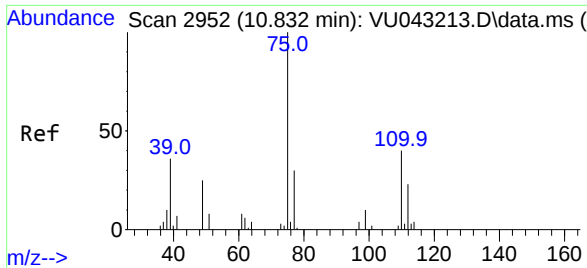
Tgt Ion: 75 Resp: 1074
Ion Ratio Lower Upper
75 100
77 41.7 21.8 40.6#



#48
2-Hexanone
Concen: 0.85 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
58 41.2 50.0 75.0#
57 15.9 17.4 26.0#
100 2.2 11.8 17.8#





#61
1,2,3-Trichloropropane
Concen: 1.32 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043218.D
Acq: 20 Apr 2021 13:04

Tgt Ion: 75 Resp: 5654
Ion Ratio Lower Upper
75 100
110 1.2 31.5 47.3#
77 37.7 26.3 39.5

Instrument :
MSVOA_U
ClientSampleId :

