

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045156.D
 Acq On : 05 Oct 2021 19:40
 Operator : SY/MD
 Sample : M4025-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN6

Quant Time: Oct 06 01:47:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

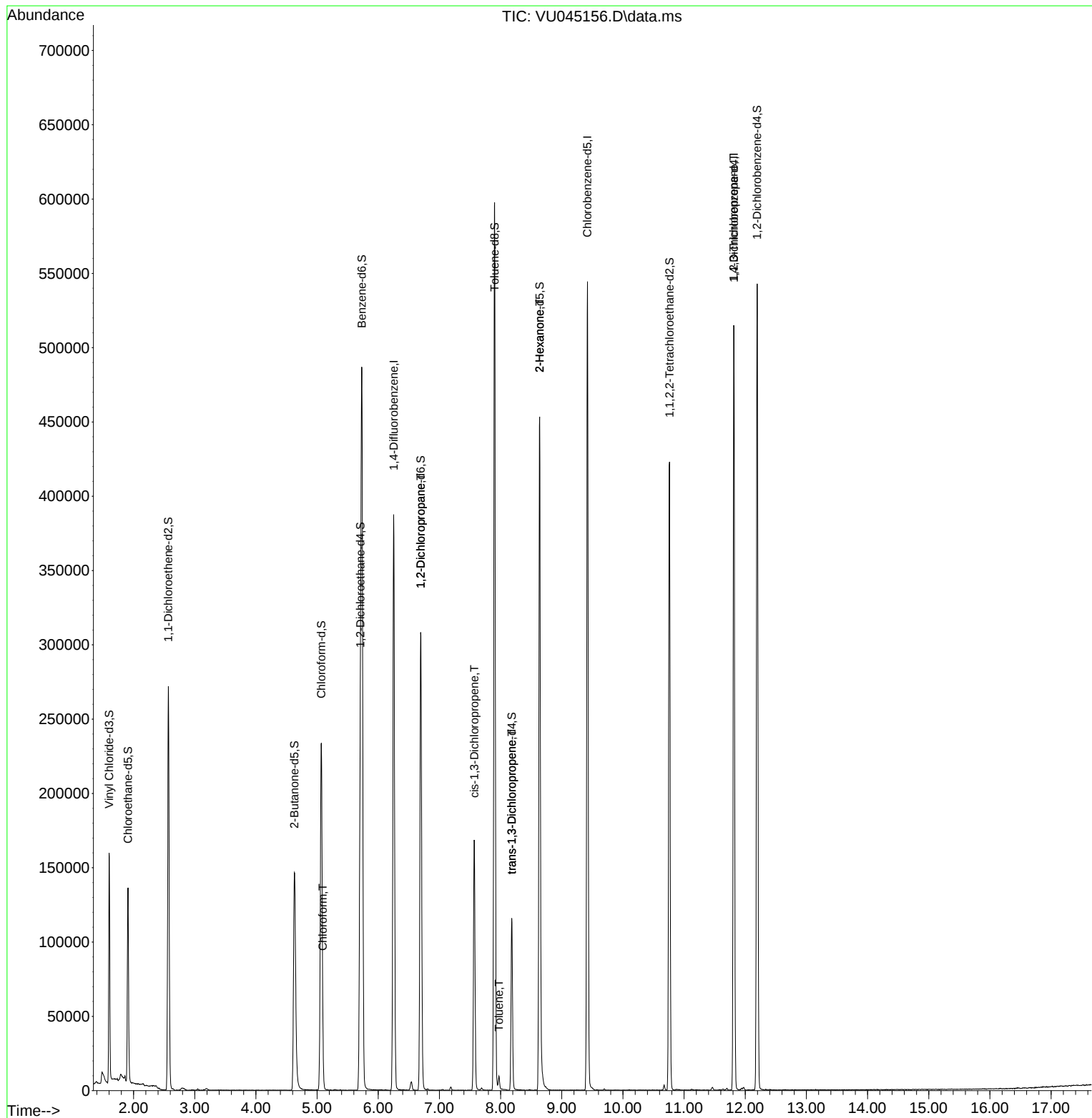
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	298948	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	282837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	125890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110629	33.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.600%
7) Chloroethane-d5	1.909	69	100576	38.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.560%
11) 1,1-Dichloroethene-d2	2.568	63	163173	29.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.380%#
21) 2-Butanone-d5	4.629	46	225607	87.200	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.200%
24) Chloroform-d	5.070	84	210189	40.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
26) 1,2-Dichloroethane-d4	5.706	65	150460	42.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.960%
32) Benzene-d6	5.732	84	437099	44.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	6.694	67	138520	43.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	7.903	98	377329	44.551	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.100%
43) trans-1,3-Dichloroprop...	8.182	79	62023	43.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.639	63	158249	89.234	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.230%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211994	42.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	131860	48.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
25) Chloroform	5.092	83	4202	0.833	ug/L	84
37) 1,2-Dichloropropane	6.694	63	15757	5.517	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4107	1.005	ug/L #	78
42) Toluene	7.973	91	5917	0.555	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2678	0.689	ug/L #	81
48) 2-Hexanone	8.639	43	18671	4.413	ug/L #	71
60) 1,2,3-Trichloropropane	11.812	75	17036	4.893	ug/L #	68

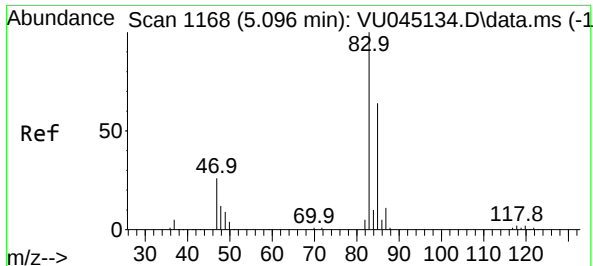
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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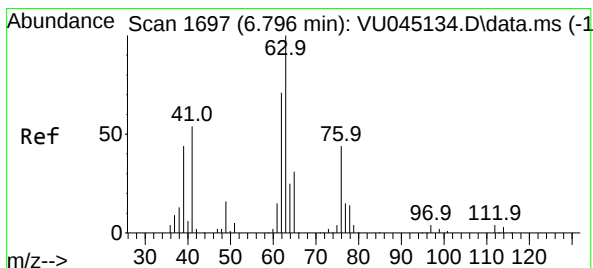
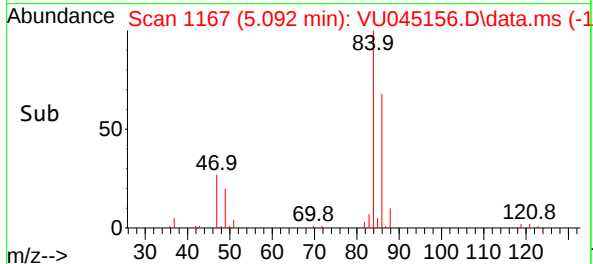
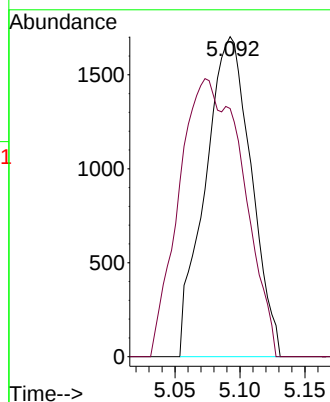
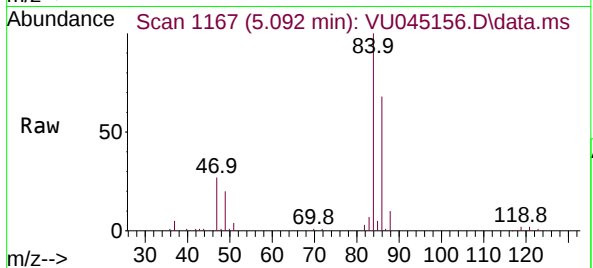


#25

Chloroform
Concen: 0.833 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045156.D
Acq: 05 Oct 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :
C0AN6

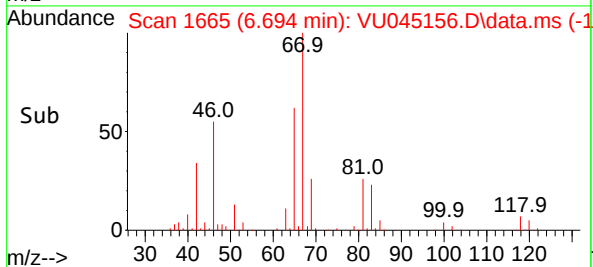
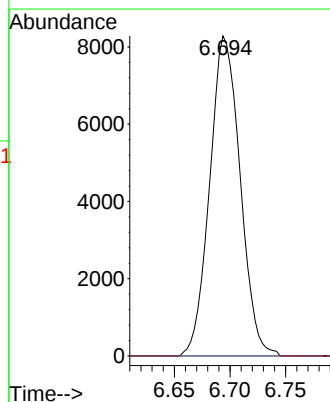
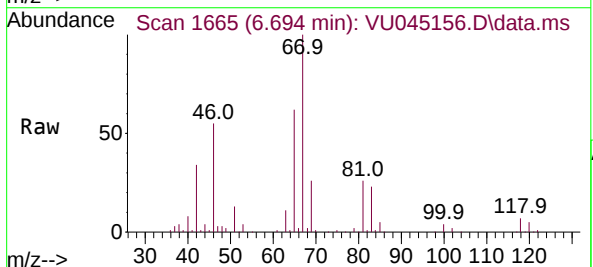
Tgt Ion: 83 Resp: 4202
Ion Ratio Lower Upper
83 100
85 77.6 45.6 84.6

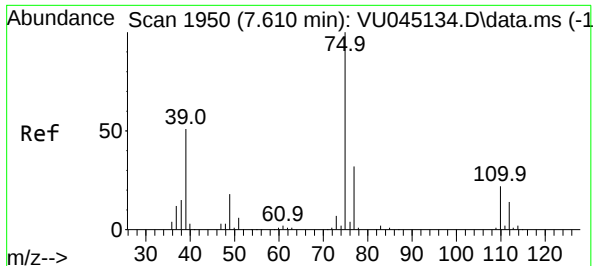


#37

1,2-Dichloropropane
Concen: 5.517 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045156.D
Acq: 05 Oct 2021 19:40

Tgt Ion: 63 Resp: 15757
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



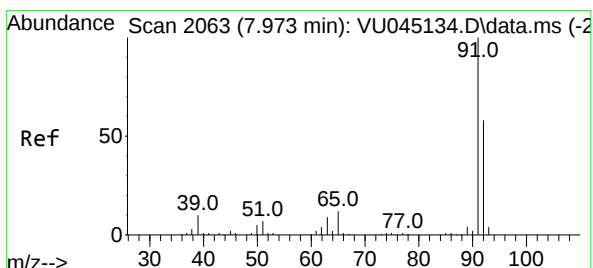
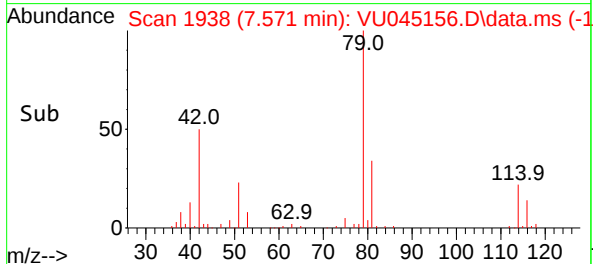
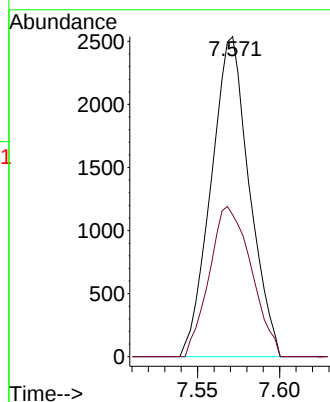
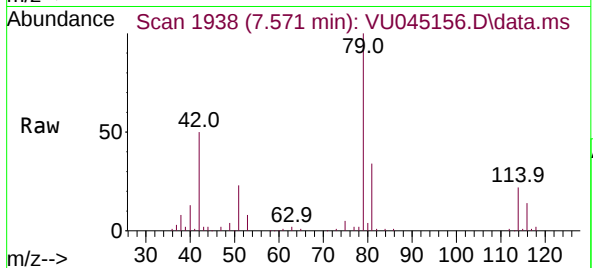


#39

cis-1,3-Dichloropropene
 Concen: 1.005 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.039 min
 Lab File: VU045156.D
 Acq: 05 Oct 2021 19:40

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 MSVOA_U
 ClientSampleId :
 C0AN6

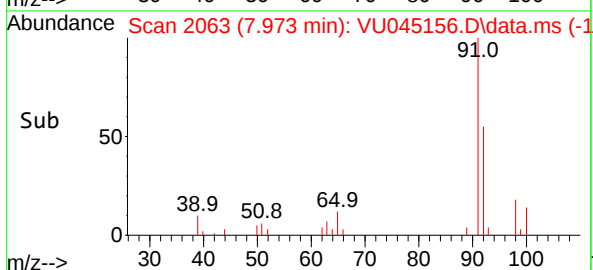
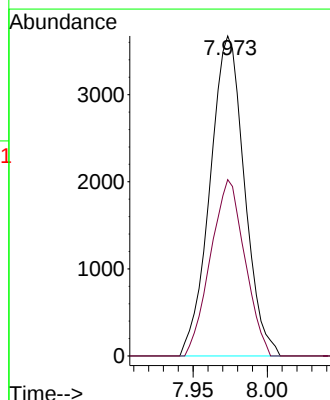
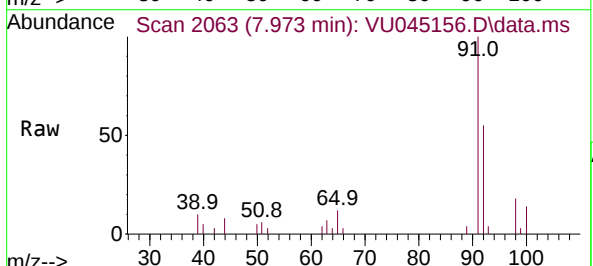
Tgt Ion: 75 Resp: 4107
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.4 41.6#

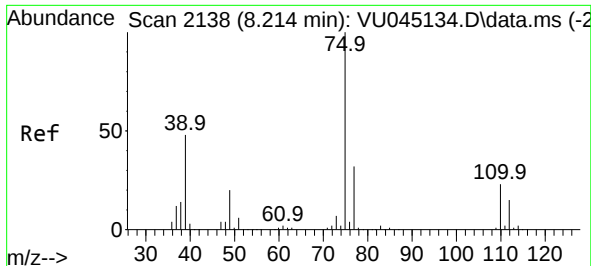


#42

Toluene
 Concen: 0.555 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU045156.D
 Acq: 05 Oct 2021 19:40

Tgt Ion: 91 Resp: 5917
 Ion Ratio Lower Upper
 91 100
 92 55.1 40.5 75.1

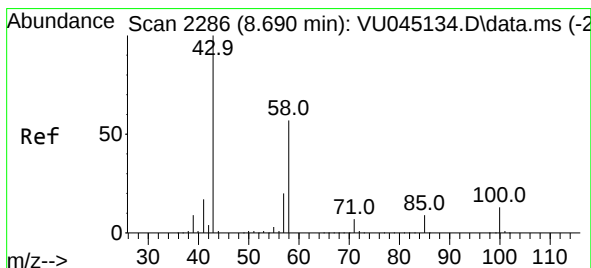
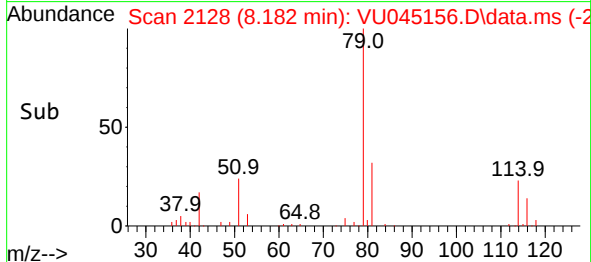
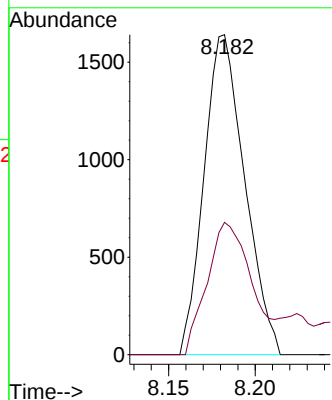
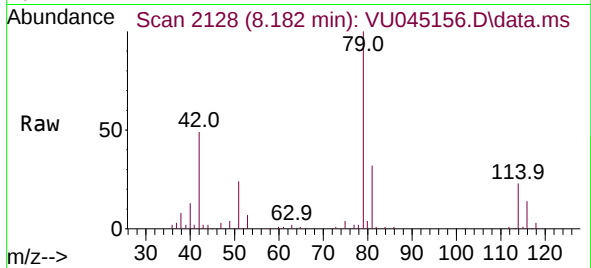




#44
trans-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045156.D
Acq: 05 Oct 2021 19:40

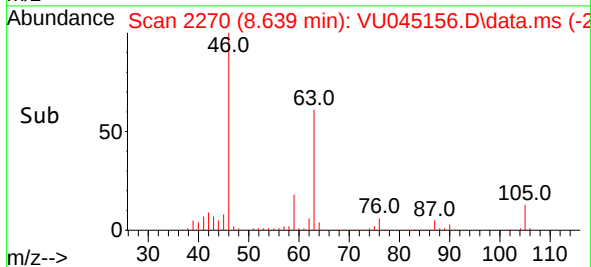
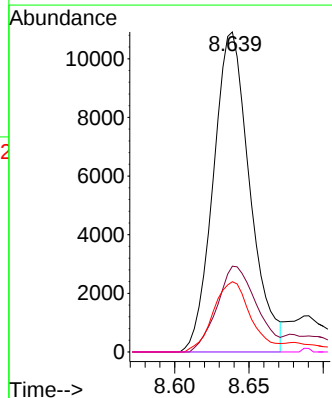
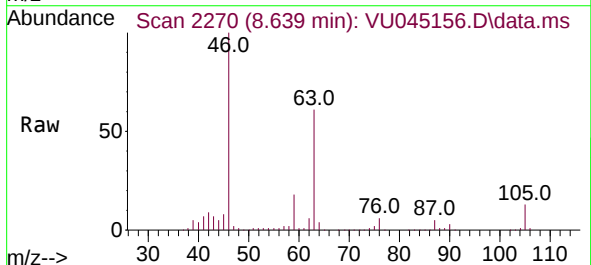
Instrument :
MSVOA_U
ClientSampled :
C0AN6

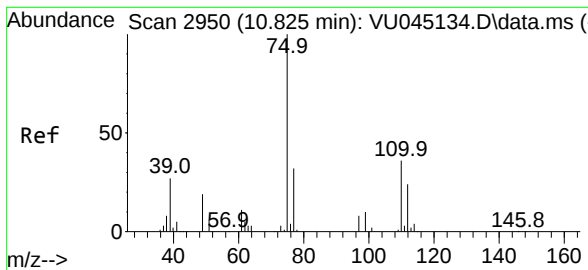
Tgt Ion: 75 Resp: 2678
Ion Ratio Lower Upper
75 100
77 41.4 21.7 40.3#



#48
2-Hexanone
Concen: 4.413 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045156.D
Acq: 05 Oct 2021 19:40

Tgt Ion: 43 Resp: 18671
Ion Ratio Lower Upper
43 100
58 29.1 44.9 67.3#
57 22.6 15.5 23.3
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.893 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU045156.D
 Acq: 05 Oct 2021 19:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN6

Tgt Ion: 75 Resp: 17036
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3
 110 1.1 29.0 43.4#

