

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045155.D
 Acq On : 05 Oct 2021 19:17
 Operator : SY/MD
 Sample : M4025-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM7

Quant Time: Oct 06 01:47:42 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)

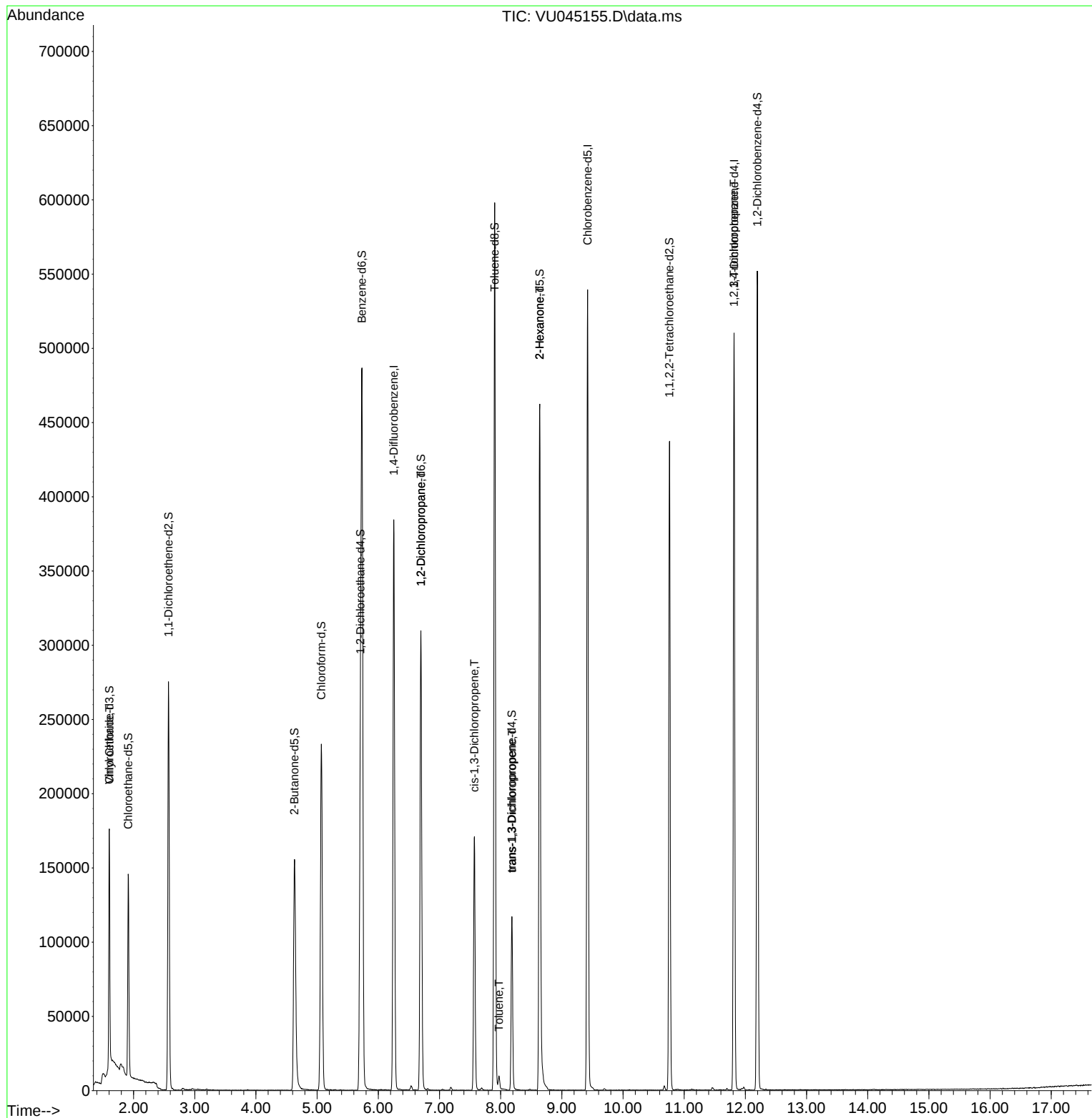
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	298811	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281778	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	126929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	112452	34.377	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.760%		
7) Chloroethane-d5	1.912	69	101467	39.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.280%		
11) 1,1-Dichloroethene-d2	2.571	63	162016	29.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.980%#		
21) 2-Butanone-d5	4.629	46	238305	92.150	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.150%		
24) Chloroform-d	5.070	84	212681	41.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.340%		
26) 1,2-Dichloroethane-d4	5.706	65	151615	43.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
32) Benzene-d6	5.732	84	438666	44.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.720%		
36) 1,2-Dichloropropane-d6	6.697	67	139827	43.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.720%		
41) Toluene-d8	7.902	98	380267	45.067	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.140%		
43) trans-1,3-Dichloroprop...	8.182	79	63965	45.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.200%		
47) 2-Hexanone-d5	8.639	63	165367	93.598	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213372	42.979	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.960%		
66) 1,2-Dichlorobenzene-d4	12.195	152	134698	48.763	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.520%		
Target Compounds						Qvalue
8) Chloroethane	1.604	64	16088	7.336	ug/L	98
37) 1,2-Dichloropropane	6.697	63	16055	5.642	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4047	0.994	ug/L #	63
42) Toluene	7.973	91	5805	0.547	ug/L	89
44) trans-1,3-Dichloropropene	8.185	75	3028	0.782	ug/L	100
48) 2-Hexanone	8.639	43	19443	4.613	ug/L #	69
60) 1,2,3-Trichloropropane	11.812	75	16868	4.805	ug/L #	68

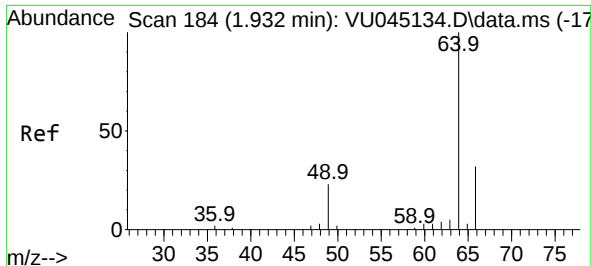
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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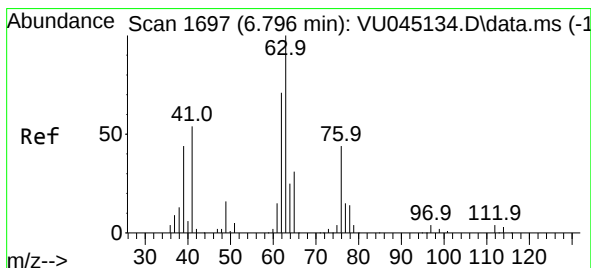
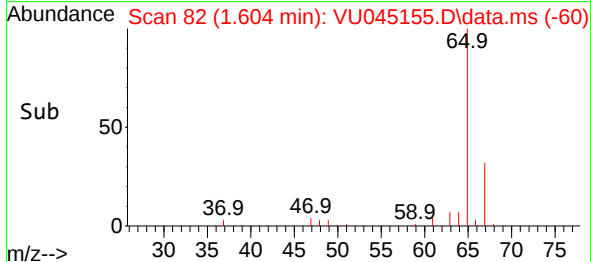
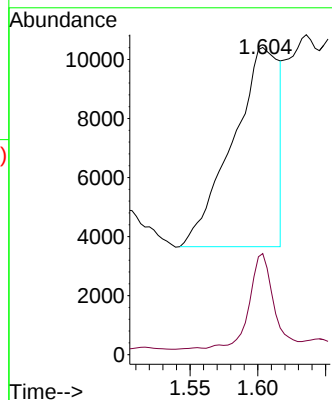
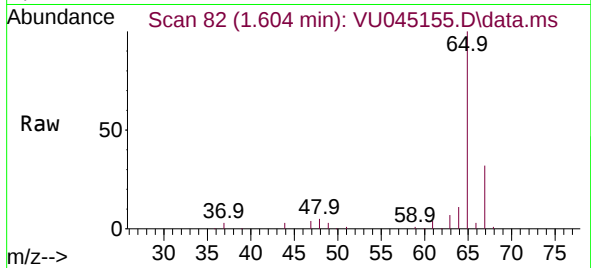




#8
Chloroethane
Concen: 7.336 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.328 min
Lab File: VU045155.D
Acq: 05 Oct 2021 19:17

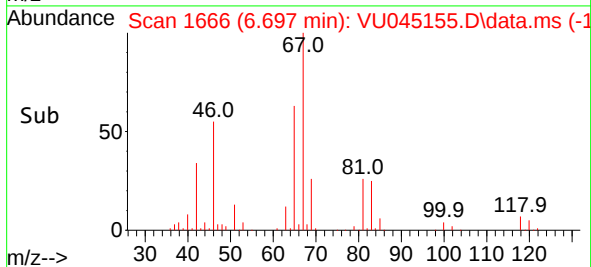
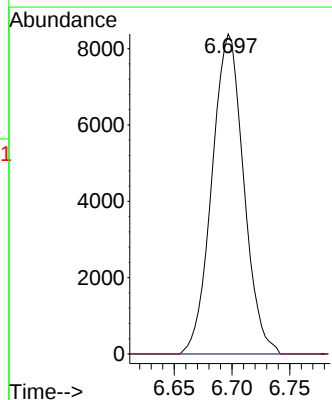
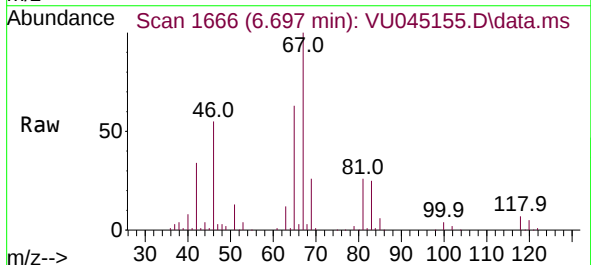
Instrument :
MSVOA_U
ClientSampleId :
C0AM7

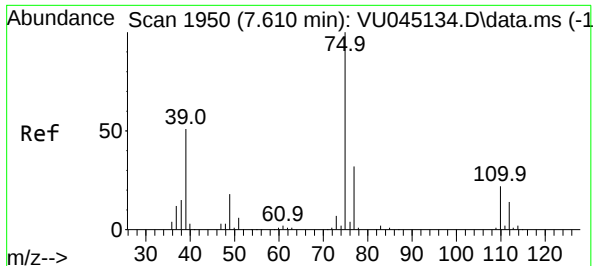
Tgt Ion: 64 Resp: 16088
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#37
1,2-Dichloropropane
Concen: 5.642 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045155.D
Acq: 05 Oct 2021 19:17

Tgt Ion: 63 Resp: 16055
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



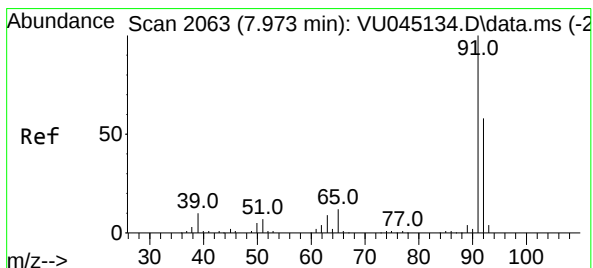
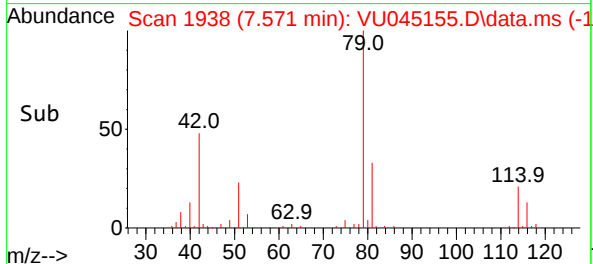
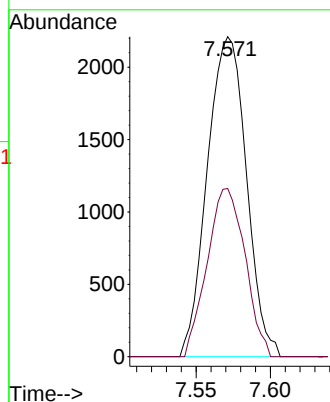
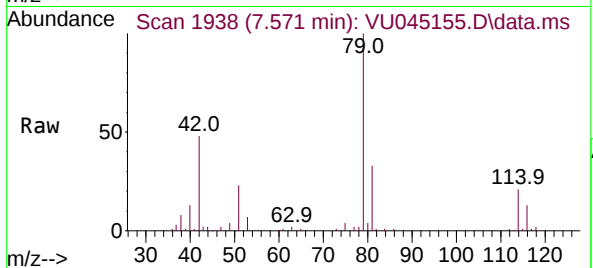


#39

cis-1,3-Dichloropropene
Concen: 0.994 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045155.D
Acq: 05 Oct 2021 19:17

Instrument :
MSVOA_U
ClientSampled :
C0AM7

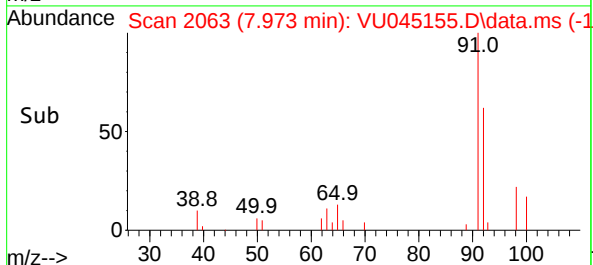
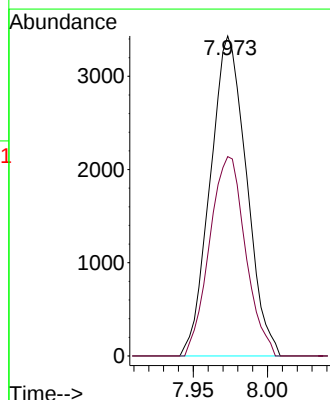
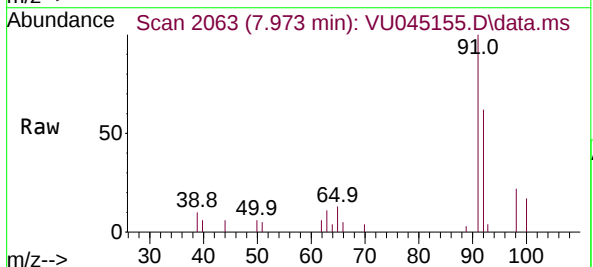
Tgt Ion: 75 Resp: 4047
Ion Ratio Lower Upper
75 100
77 52.6 22.4 41.6#

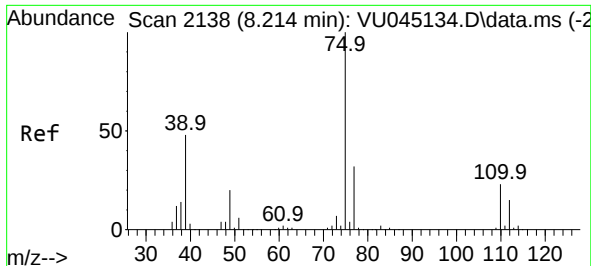


#42

Toluene
Concen: 0.547 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045155.D
Acq: 05 Oct 2021 19:17

Tgt Ion: 91 Resp: 5805
Ion Ratio Lower Upper
91 100
92 66.0 40.5 75.1



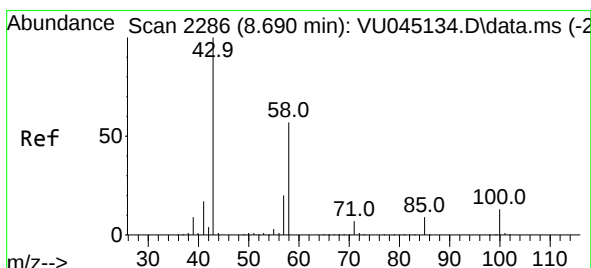
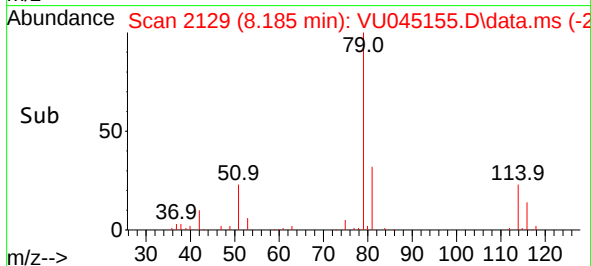
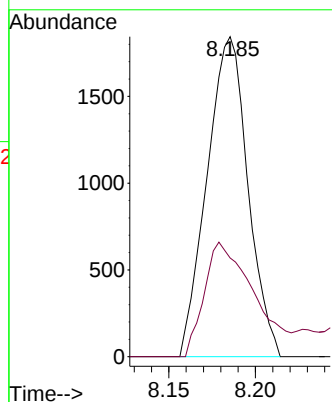
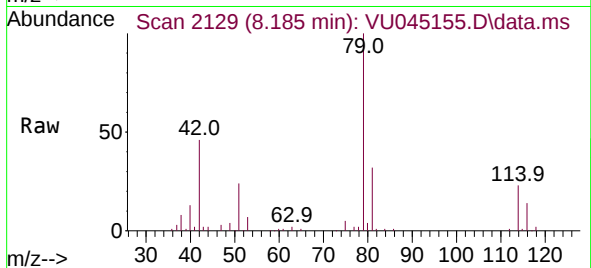


#44

trans-1,3-Dichloropropene
Concen: 0.782 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045155.D
Acq: 05 Oct 2021 19:17

Instrument :
MSVOA_U
ClientSampleId :
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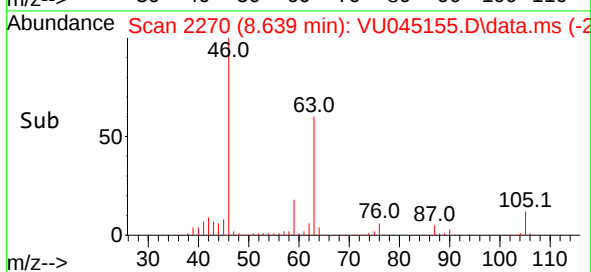
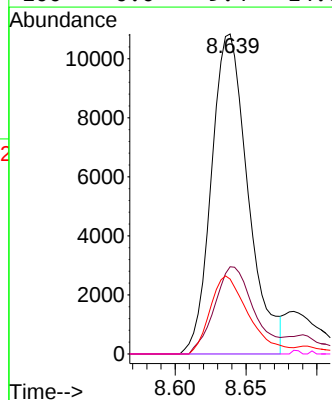
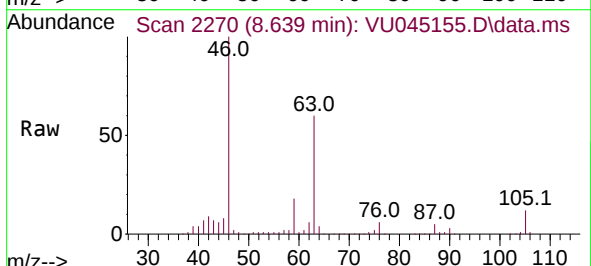
Tgt Ion: 75 Resp: 3028
Ion Ratio Lower Upper
75 100
77 30.9 21.7 40.3

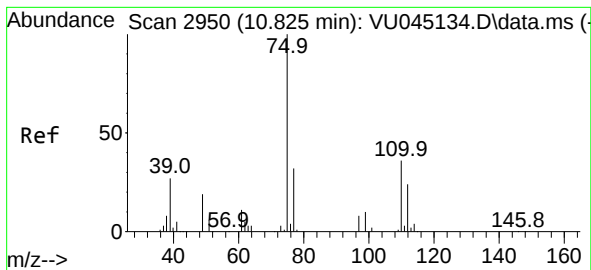


#48

2-Hexanone
Concen: 4.613 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.052 min
Lab File: VU045155.D
Acq: 05 Oct 2021 19:17

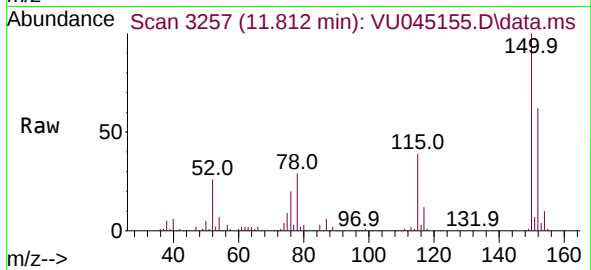
Tgt Ion: 43 Resp: 19443
Ion Ratio Lower Upper
43 100
58 29.4 44.9 67.3#
57 25.9 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.805 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU045155.D
 Acq: 05 Oct 2021 19:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM7



Tgt Ion:	75	Resp:	16868
Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.5	38.3
110	2.2	29.0	43.4#

