

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045206.D
 Acq On : 07 Oct 2021 12:55
 Operator : SY/MD
 Sample : M4025-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

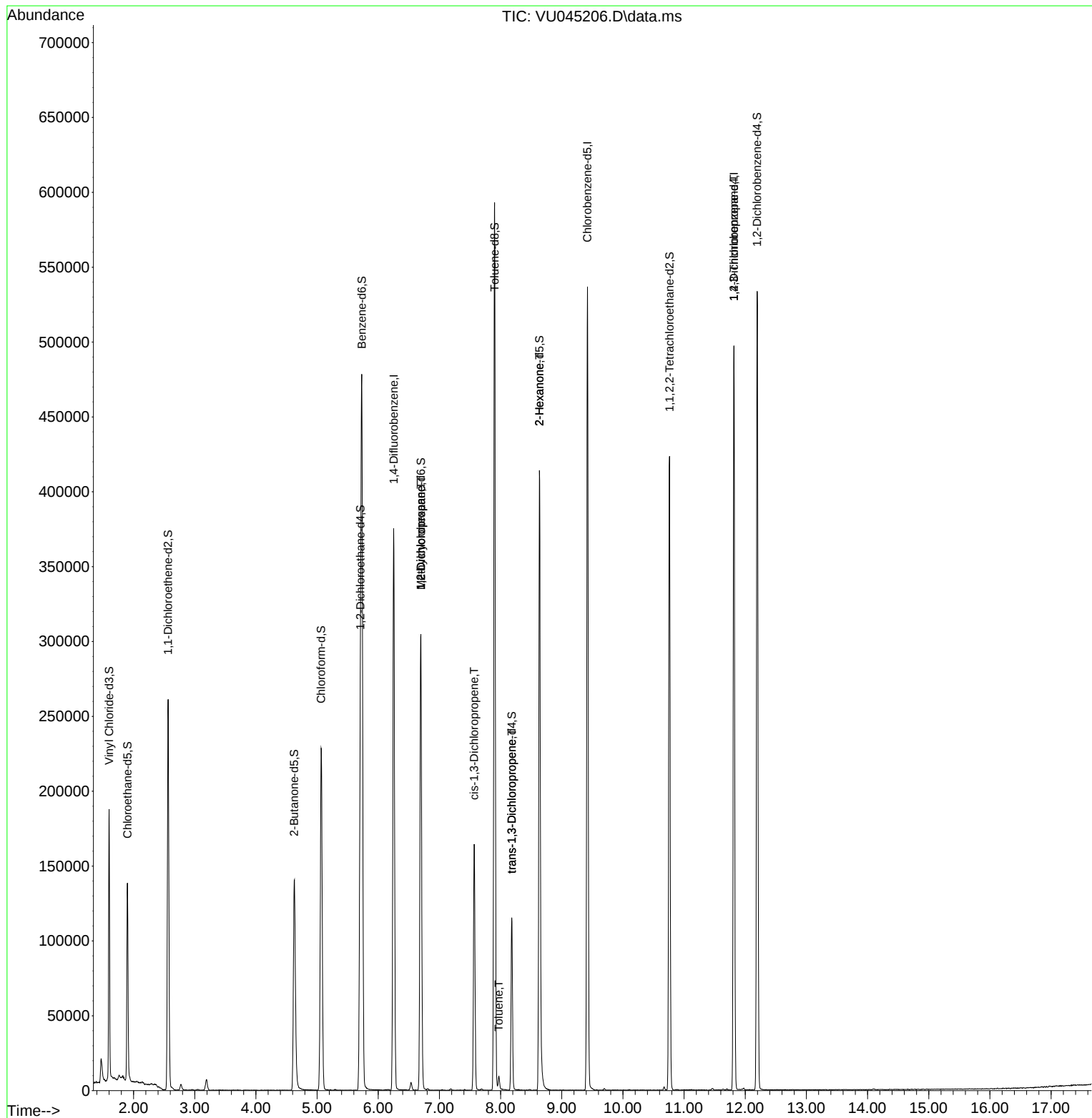
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	293483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	122644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	117641	36.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.240%		
7) Chloroethane-d5	1.899	69	101325	39.799	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.600%		
11) 1,1-Dichloroethene-d2	2.565	63	157795	29.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.500%#		
21) 2-Butanone-d5	4.626	46	200529	78.950	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.950%		
24) Chloroform-d	5.066	84	205810	40.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.120%		
26) 1,2-Dichloroethane-d4	5.706	65	146512	42.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.260%		
32) Benzene-d6	5.732	84	427223	44.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.080%		
36) 1,2-Dichloropropane-d6	6.697	67	137074	43.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.680%		
41) Toluene-d8	7.902	98	378582	45.223	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.440%		
43) trans-1,3-Dichloroprop...	8.182	79	61303	43.569	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.140%		
47) 2-Hexanone-d5	8.635	63	144110	82.213	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.210%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207116	42.050	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.100%		
66) 1,2-Dichlorobenzene-d4	12.195	152	131793	49.378	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.760%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.697	83	32306	7.748	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	15242	5.399	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3921	0.971	ug/L #	71
42) Toluene	7.970	91	6074	0.577	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2712	0.706	ug/L #	80
48) 2-Hexanone	8.635	43	17068	4.081	ug/L #	71
60) 1,2,3-Trichloropropane	11.815	75	16769	4.944	ug/L #	68

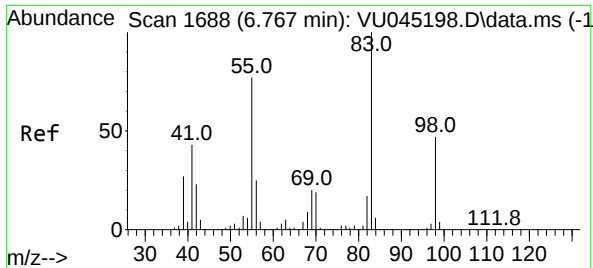
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 07 21:37:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 21:34:31 2021
Response via : Initial Calibration

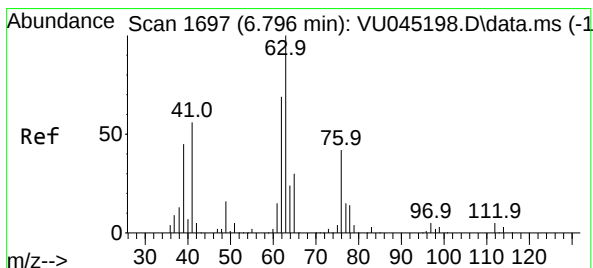
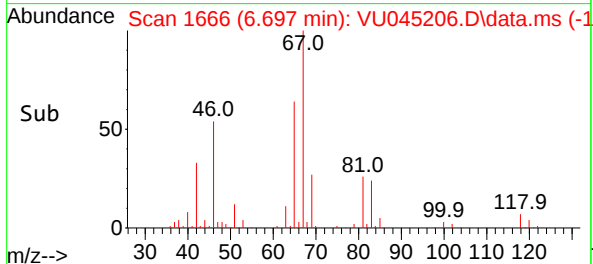
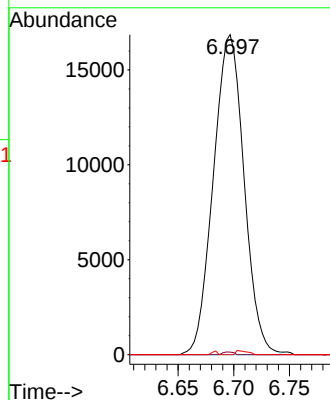
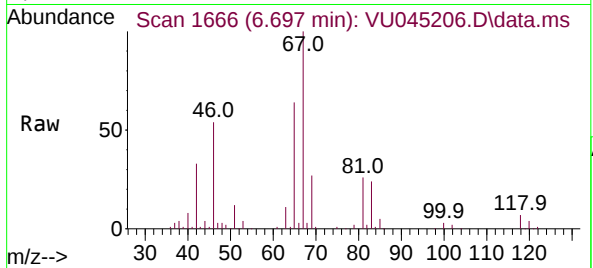




#35
Methylcyclohexane
Concen: 7.748 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045206.D
Acq: 07 Oct 2021 12:55

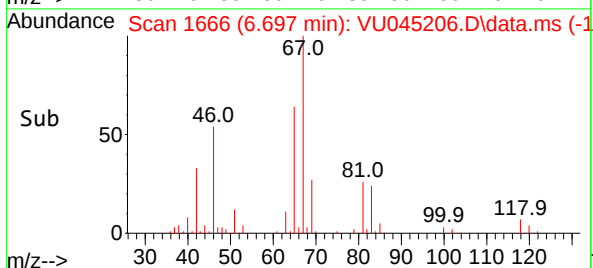
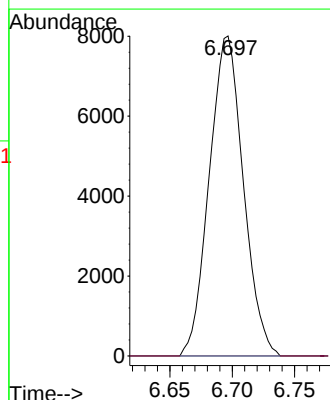
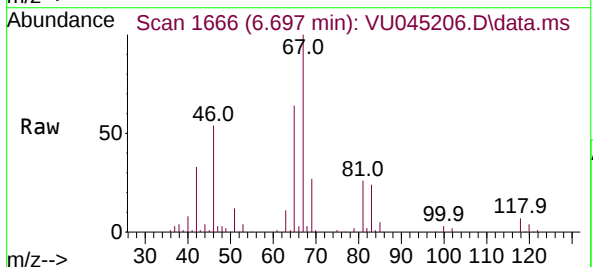
Instrument :
MSVOA_U
ClientSampled :

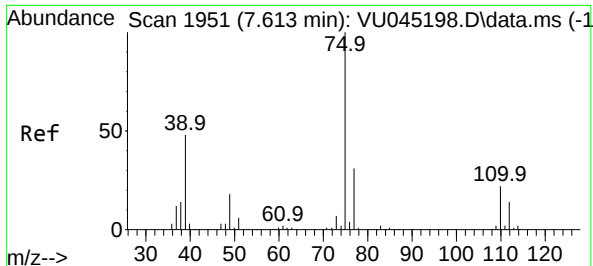
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.8	98.6#
98	0.5	37.1	55.7#



#37
1,2-Dichloropropane
Concen: 5.399 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045206.D
Acq: 07 Oct 2021 12:55

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



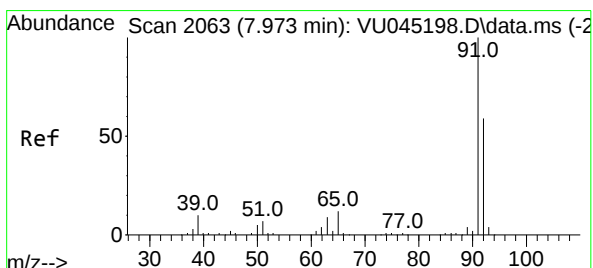
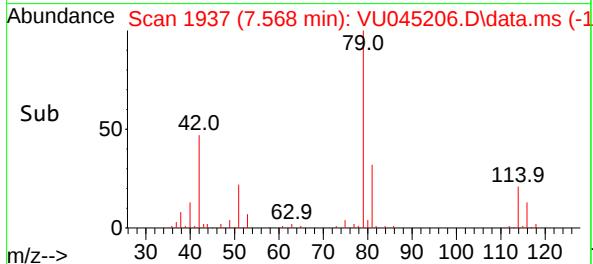
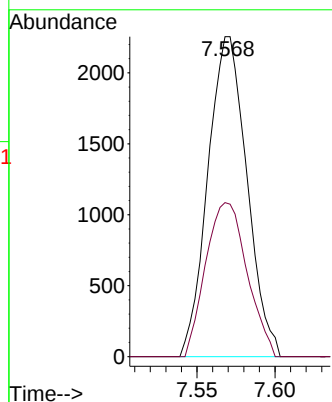
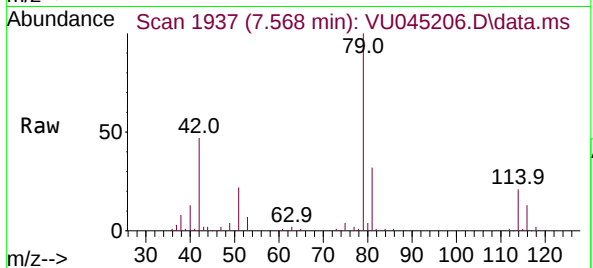


#39

cis-1,3-Dichloropropene
Concen: 0.971 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045206.D
Acq: 07 Oct 2021 12:55

Instrument :
MSVOA_U
ClientSampled :

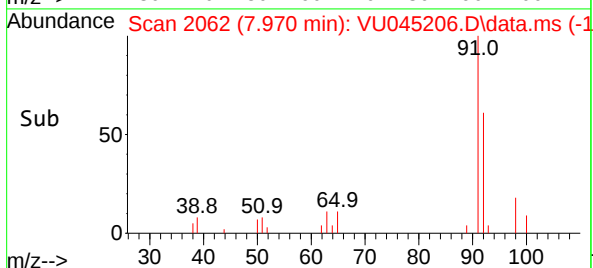
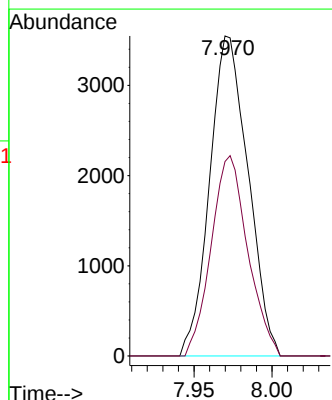
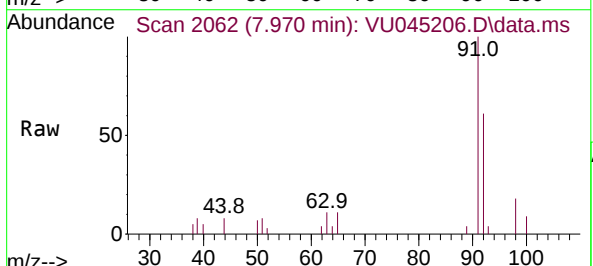
Tgt Ion: 75 Resp: 3921
Ion Ratio Lower Upper
75 100
77 48.2 22.4 41.6#

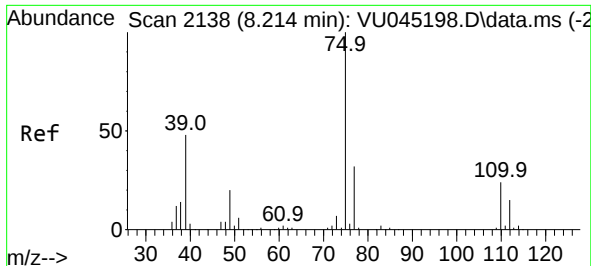


#42

Toluene
Concen: 0.577 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045206.D
Acq: 07 Oct 2021 12:55

Tgt Ion: 91 Resp: 6074
Ion Ratio Lower Upper
91 100
92 60.7 40.5 75.1

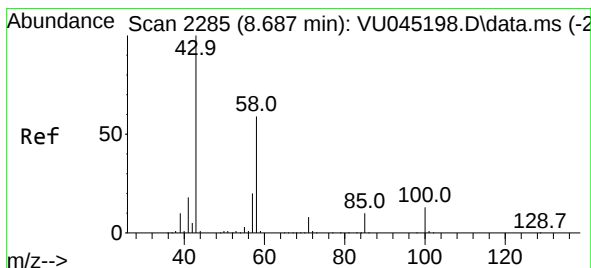
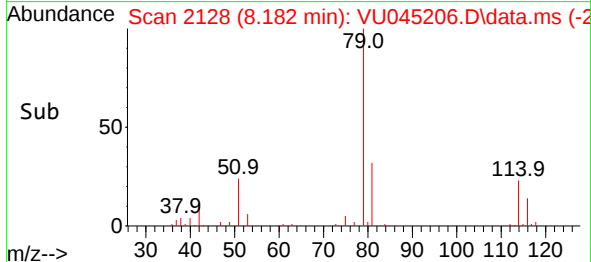
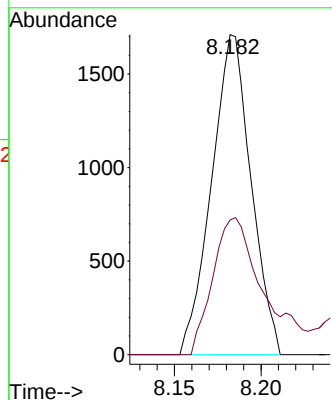
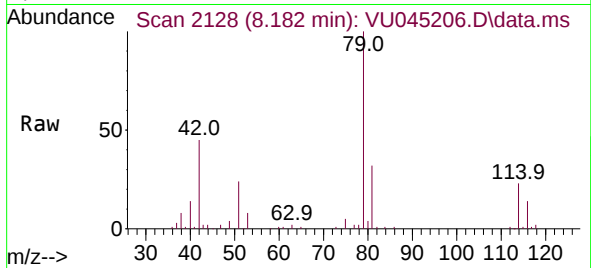




#44
trans-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045206.D
Acq: 07 Oct 2021 12:55

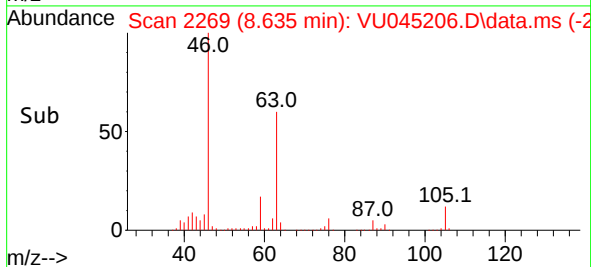
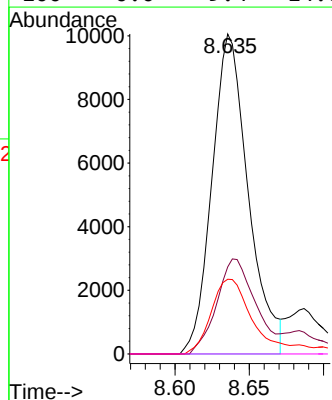
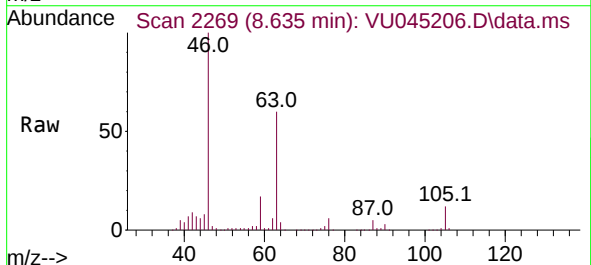
Instrument :
MSVOA_U
ClientSampled :

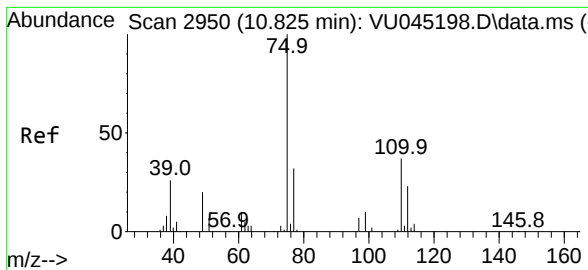
Tgt Ion: 75 Resp: 2712
Ion Ratio Lower Upper
75 100
77 42.1 21.7 40.3#



#48
2-Hexanone
Concen: 4.081 ug/L
RT: 8.635 min Scan# 2269
Delta R.T. -0.052 min
Lab File: VU045206.D
Acq: 07 Oct 2021 12:55

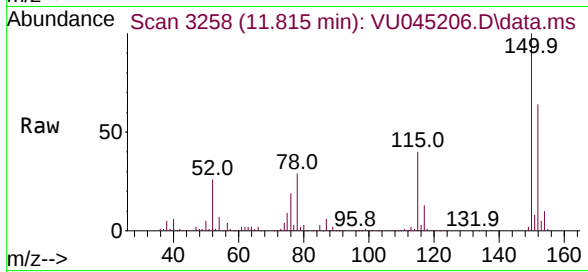
Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
58 31.4 44.9 67.3#
57 26.1 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.944 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU045206.D
 Acq: 07 Oct 2021 12:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16769
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
110	2.0	29.0	43.4#

