

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046315.D
 Acq On : 13 Dec 2021 15:07
 Operator : SY/MD
 Sample : M4975-09ME
 Misc : 7.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 02:35:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 13 13:51:57 2021
 Response via : Initial Calibration

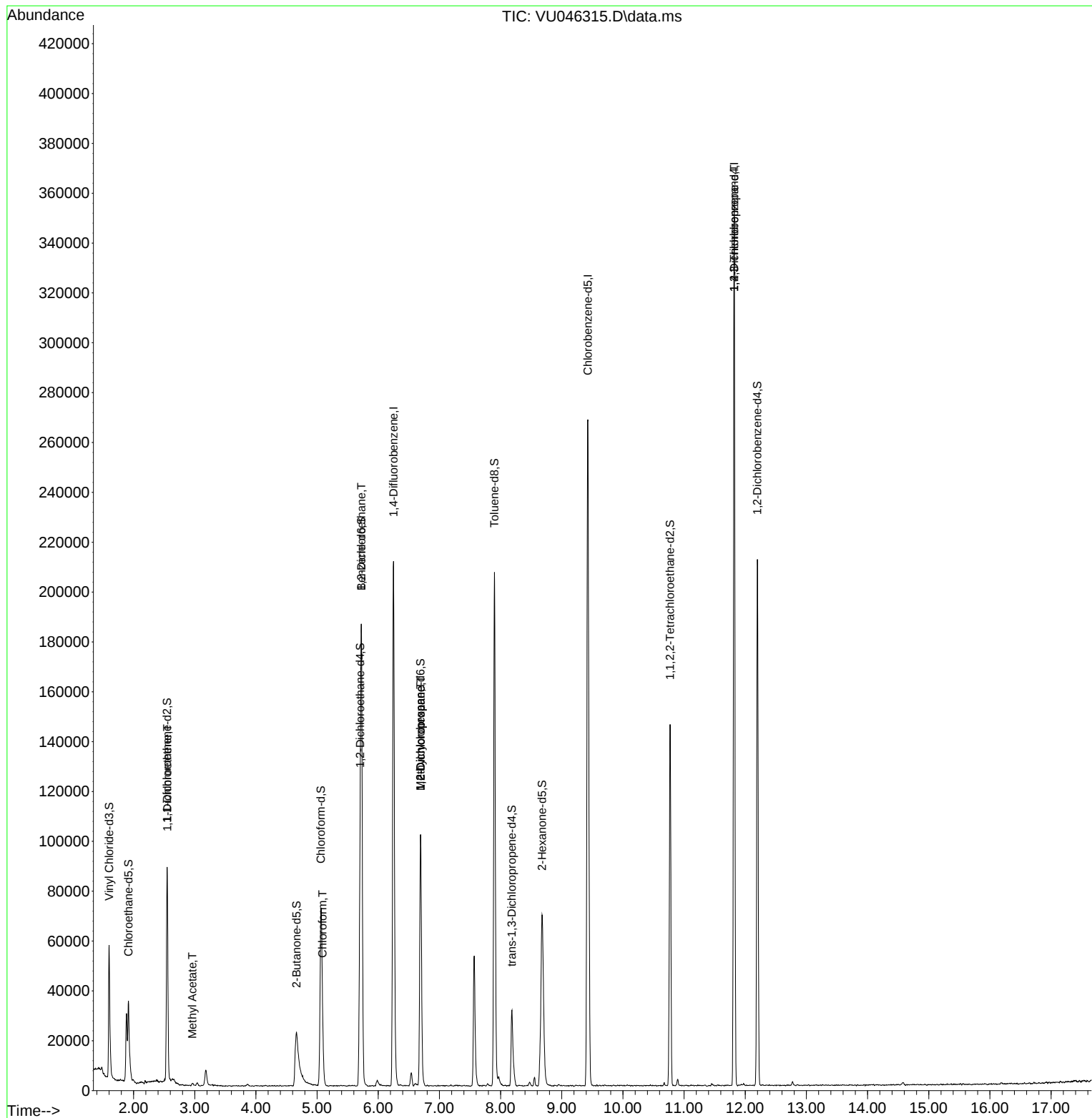
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184636	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	190466	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	92154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	48491	31.882	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.760%	
7) Chloroethane-d5	1.916	69	32639	27.950	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	55.900%#	
11) 1,1-Dichloroethene-d2	2.549	63	55013	20.149	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	40.300%#	
21) 2-Butanone-d5	4.665	46	57286	47.380	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	47.380%	
24) Chloroform-d	5.063	84	69159	27.229	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	54.460%#	
26) 1,2-Dichloroethane-d4	5.703	65	54256	31.830	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	63.660%#	
32) Benzene-d6	5.726	84	165761	30.364	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	60.720%#	
36) 1,2-Dichloropropane-d6	6.690	67	51211	30.269	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	60.540%#	
41) Toluene-d8	7.899	98	145813	29.336	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	58.680%#	
43) trans-1,3-Dichloroprop...	8.182	79	24579	30.095	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.180%	
47) 2-Hexanone-d5	8.677	63	45291	56.460	ug/L	0.04
Spiked Amount	100.000	Range 45 - 130	Recovery	=	56.460%	
56) 1,1,2,2-Tetrachloroeth...	10.770	84	76012	29.625	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	59.260%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	53030	29.881	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	59.760%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.552	96	427	0.334	ug/L #	1
15) Methyl Acetate	2.961	43	1747	0.992	ug/L #	69
25) Chloroform	5.089	83	13412	4.914	ug/L	97
27) 1,2-Dichloroethane	5.726	62	945	0.467	ug/L #	73
35) Methylcyclohexane	6.690	83	12854	5.459	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5751	3.808	ug/L #	86
60) 1,2,3-Trichloropropane	11.819	75	11141	5.515	ug/L #	66

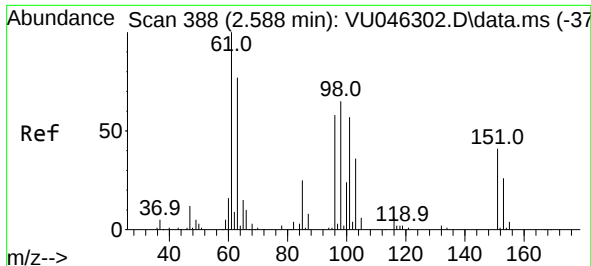
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.334 ug/L

RT: 2.552 min Scan# 31

Delta R.T. -0.036 min

Lab File: VU046315.D

Acq: 13 Dec 2021 15:07

Instrument :

MSVOA_W

ClientSampleId :

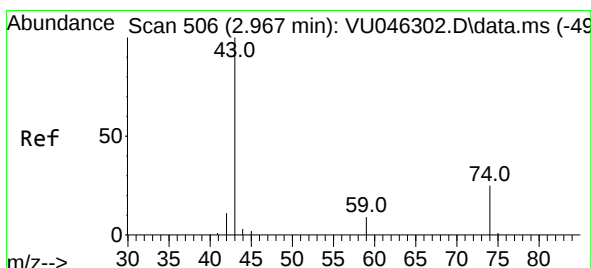
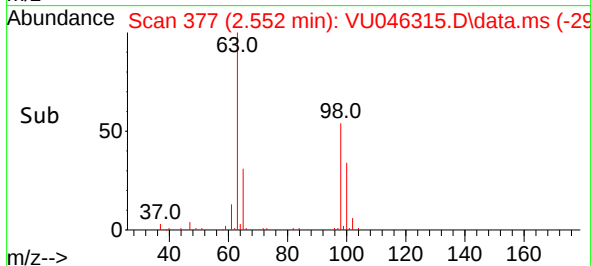
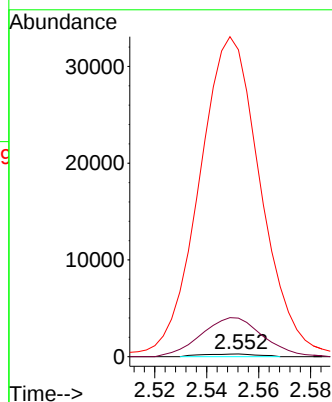
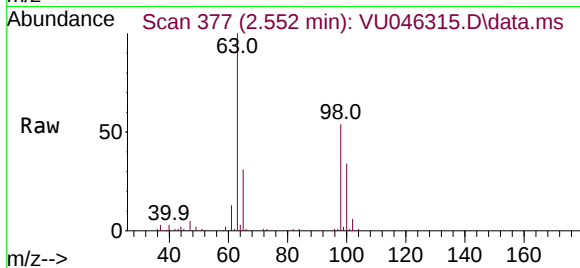
Tgt Ion: 96 Resp: 427

Ion Ratio Lower Upper

96 100

61 1455.8 118.6 220.2#

63 11579.6 93.0 172.8#



#15

Methyl Acetate

Concen: 0.992 ug/L

RT: 2.961 min Scan# 504

Delta R.T. -0.007 min

Lab File: VU046315.D

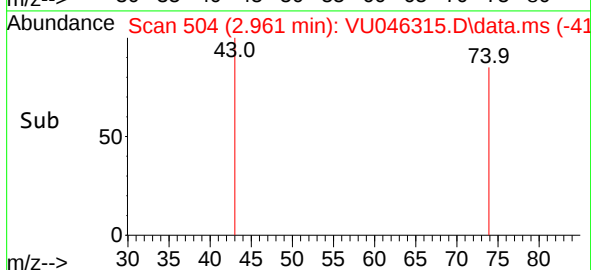
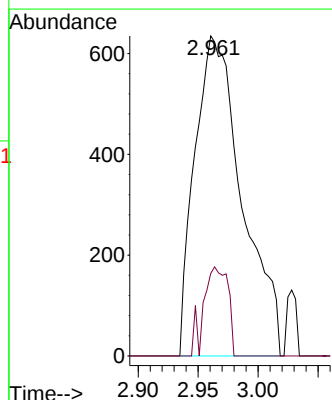
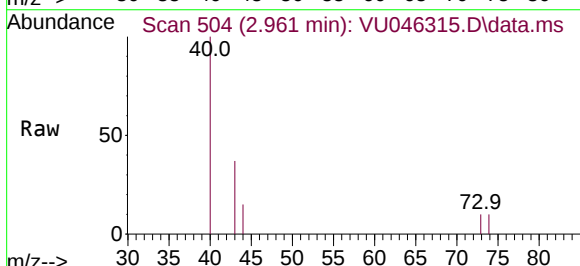
Acq: 13 Dec 2021 15:07

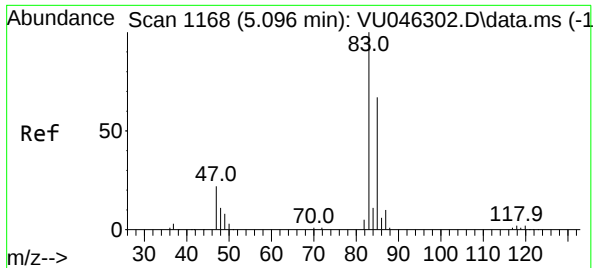
Tgt Ion: 43 Resp: 1747

Ion Ratio Lower Upper

43 100

74 10.0 20.8 31.2#

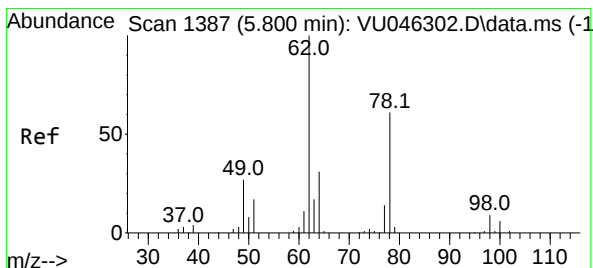
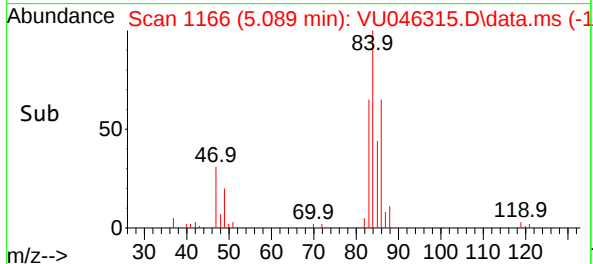
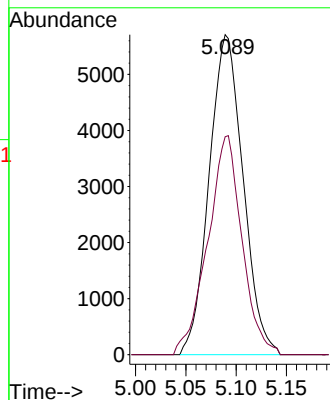
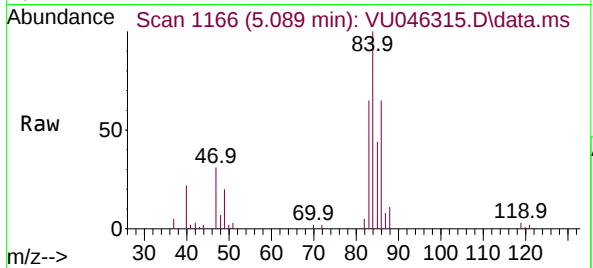




#25
Chloroform
Concen: 4.914 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.007 min
Lab File: VU046315.D
Acq: 13 Dec 2021 15:07

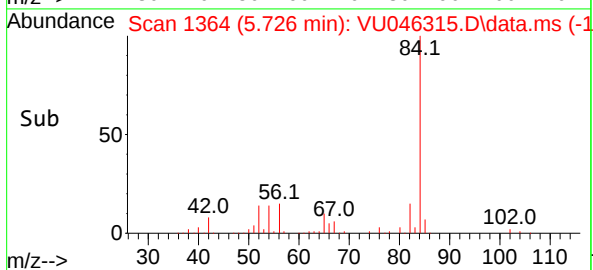
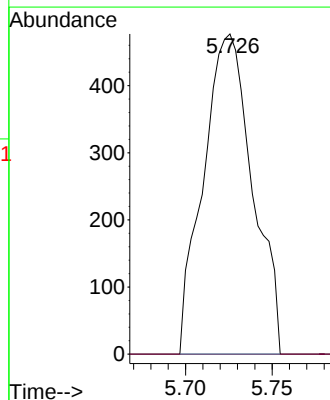
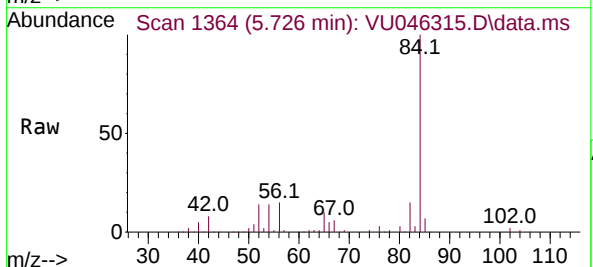
Instrument :
MSVOA_W
ClientSampleId :

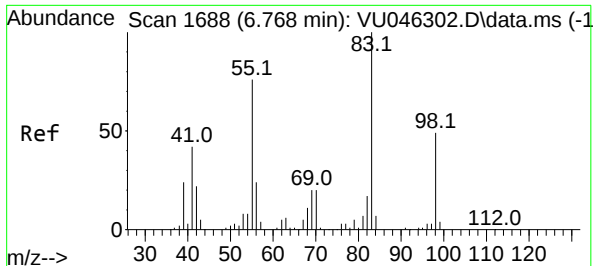
Tgt Ion: 83 Resp: 13412
Ion Ratio Lower Upper
83 100
85 68.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 0.467 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.074 min
Lab File: VU046315.D
Acq: 13 Dec 2021 15:07

Tgt Ion: 62 Resp: 945
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#

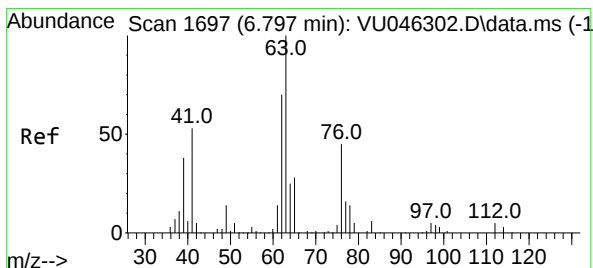
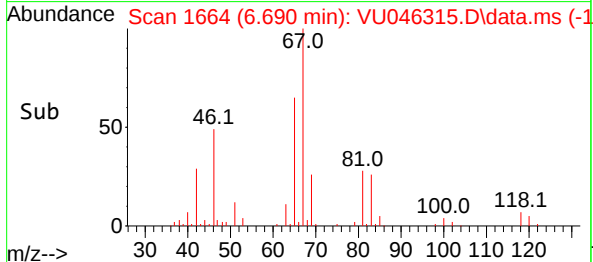
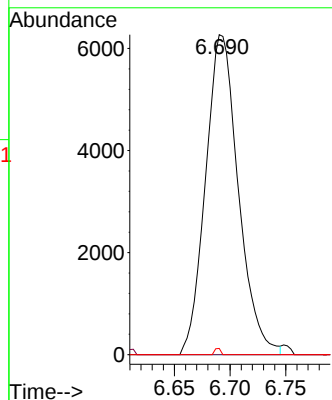
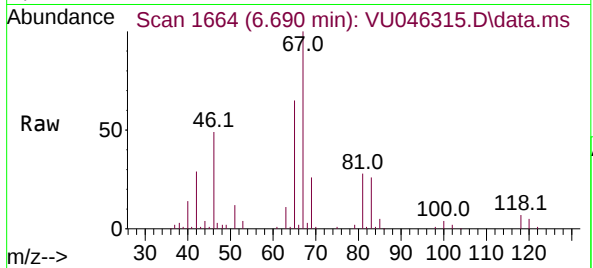




#35
Methylcyclohexane
Concen: 5.459 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046315.D
Acq: 13 Dec 2021 15:07

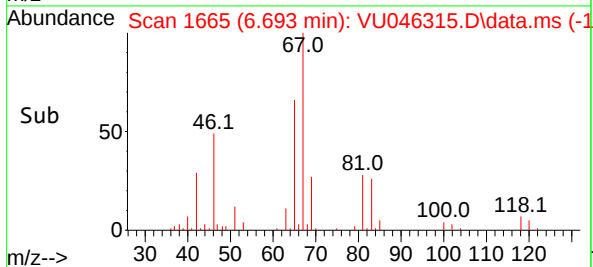
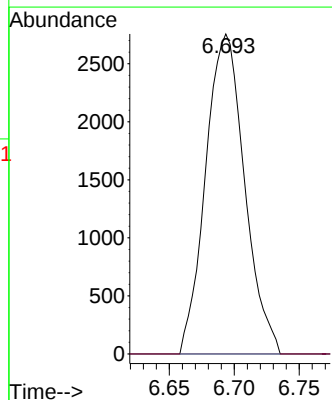
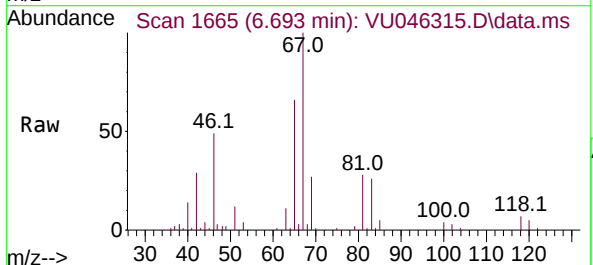
Instrument :
MSVOA_W
ClientSampleId :

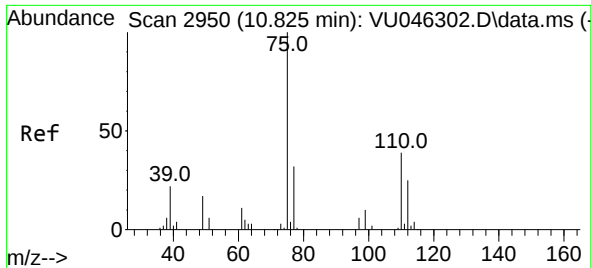
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.4	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 3.808 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046315.D
Acq: 13 Dec 2021 15:07

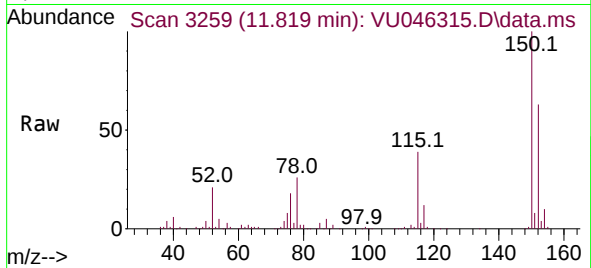
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.515 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU046315.D
 Acq: 13 Dec 2021 15:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 11141
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6
 110 2.9 32.4 48.6#

