Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053301.D
Acq On : 20 Mar 2023 12:40
Operator : JC/MD
Sample : 01930-10DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFB8DL

Quant Time: Mar 21 01:29:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 21 01:25:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	112985	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	103630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	49129	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39796	38.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.360%			
7) Chloroethane-d5	1.912	69	35163	41.705	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.420%			
11) 1,1-Dichloroethene-d2	2.568	63	55621	30.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.600%			
21) 2-Butanone-d5	4.613	46	49718	102.841	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.840%			
24) Chloroform-d	5.057	84	77376	45.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.140%			
26) 1,2-Dichloroethane-d4	5.697	65	53413	50.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.200%			
32) Benzene-d6	5.723	84	162150	48.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.480%			
36) 1,2-Dichloropropane-d6	6.684	67	52916	48.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.560%			
41) Toluene-d8	7.893	98	143439	45.835	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.680%			
43) trans-1,3-Dichloroprop...	8.173	79	25105	46.904	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.800%			
47) 2-Hexanone-d5	8.626	63	36830	108.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.590%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	70856	50.420	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.840%			
66) 1,2-Dichlorobenzene-d4	12.189	152	47968	50.425	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.840%			
Target Compounds						Qvalue
3) Chloromethane	1.636	50	1483	1.365	ug/L	99
5) Vinyl chloride	1.604	62	55444	46.640	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	27005	27.309	ug/L	99
33) Benzene	5.771	78	32261	8.979	ug/L	100
35) Methylcyclohexane	6.684	83	11994	7.304	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	6263	6.248	ug/L #	90
51) Chlorobenzene	9.443	112	2163	0.899	ug/L #	80
60) 1,2,3-Trichloropropane	11.806	75	7596	7.781	ug/L #	67

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

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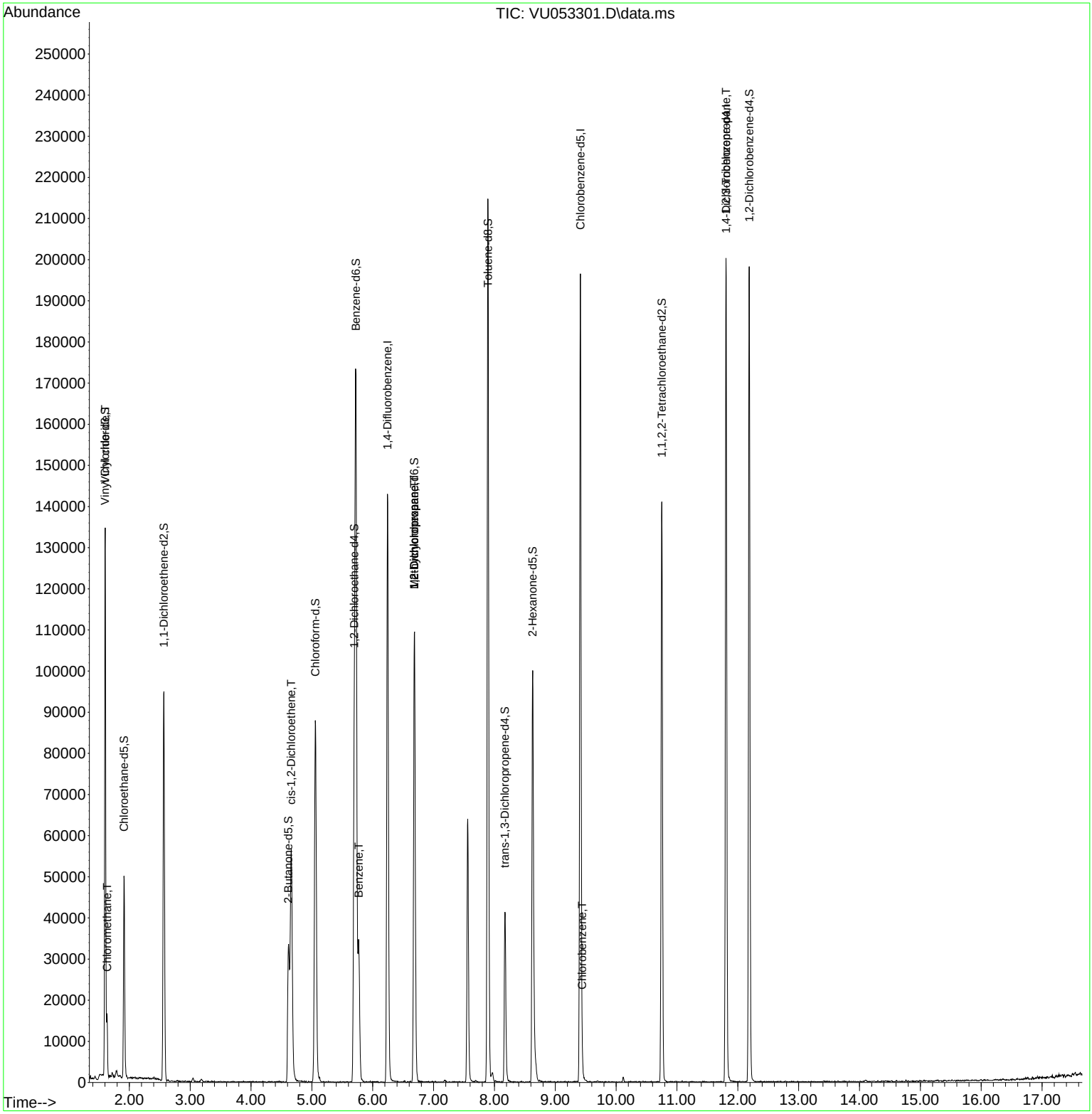
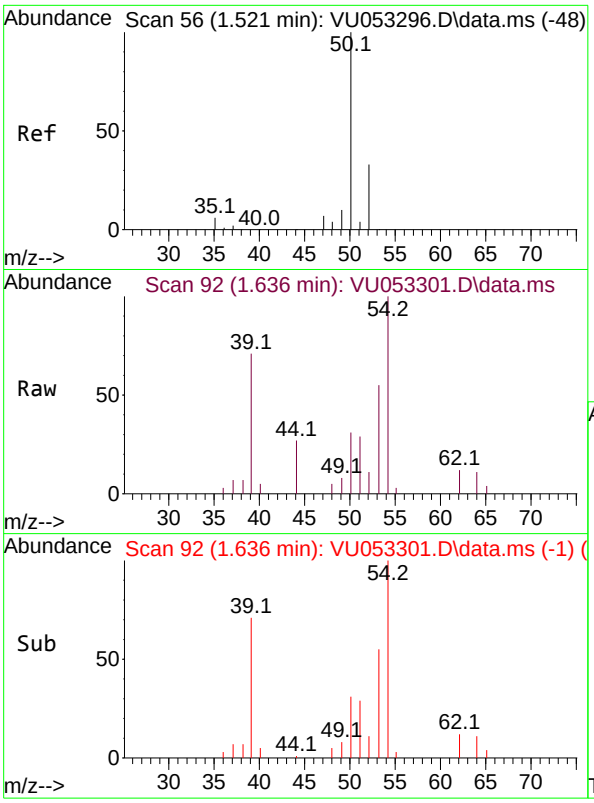


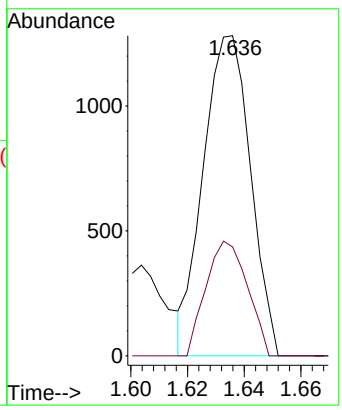


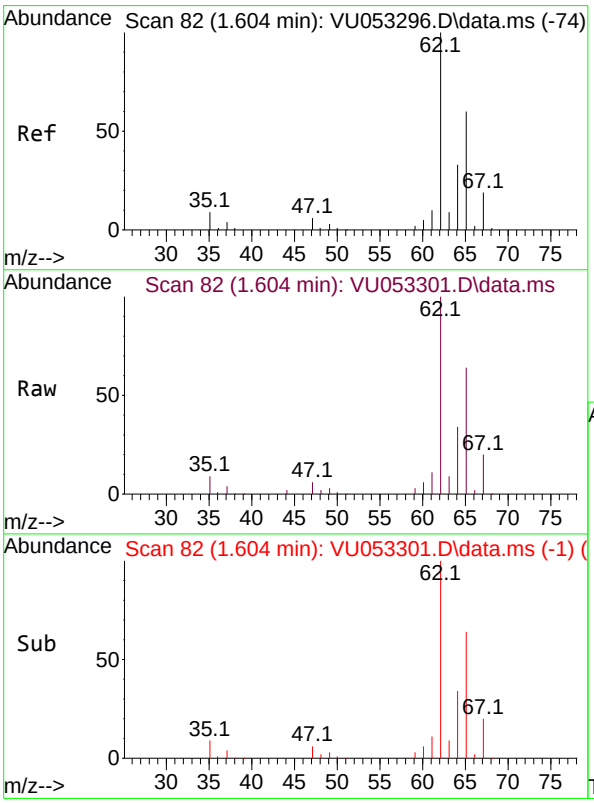
#3
Chloromethane
Concen: 1.365 ug/L
RT: 1.636 min Scan# 9
Delta R.T. 0.115 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :
EYFB8DL

Tgt Ion: 50 Resp: 1483

Ion	Ratio	Lower	Upper
50	100		
52	34.0	23.4	43.4

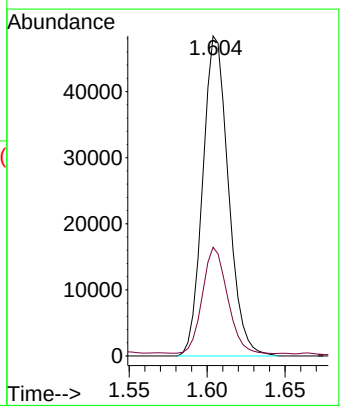


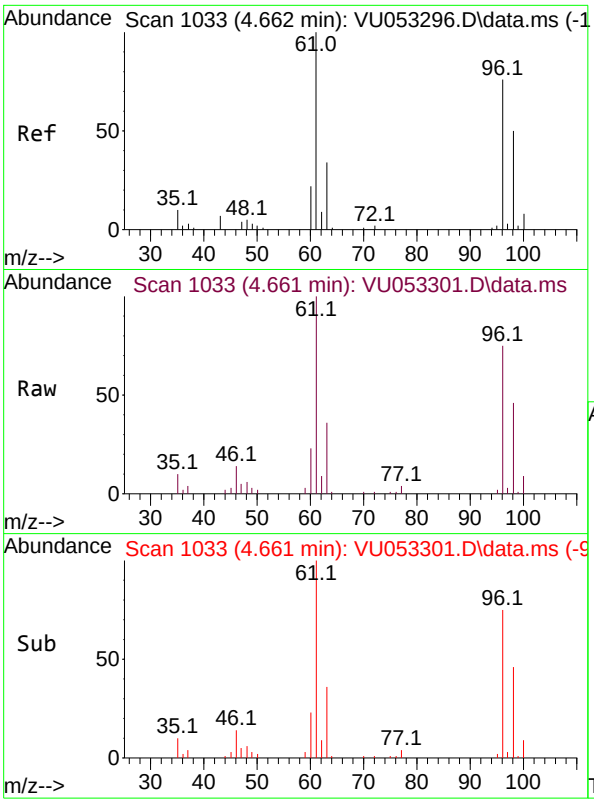


#5
Vinyl chloride
Concen: 46.640 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Tgt Ion: 62 Resp: 55444

Ion	Ratio	Lower	Upper
62	100		
64	34.0	23.2	43.0



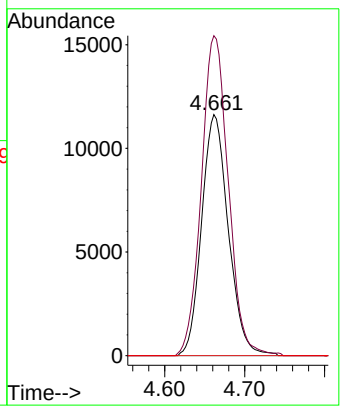


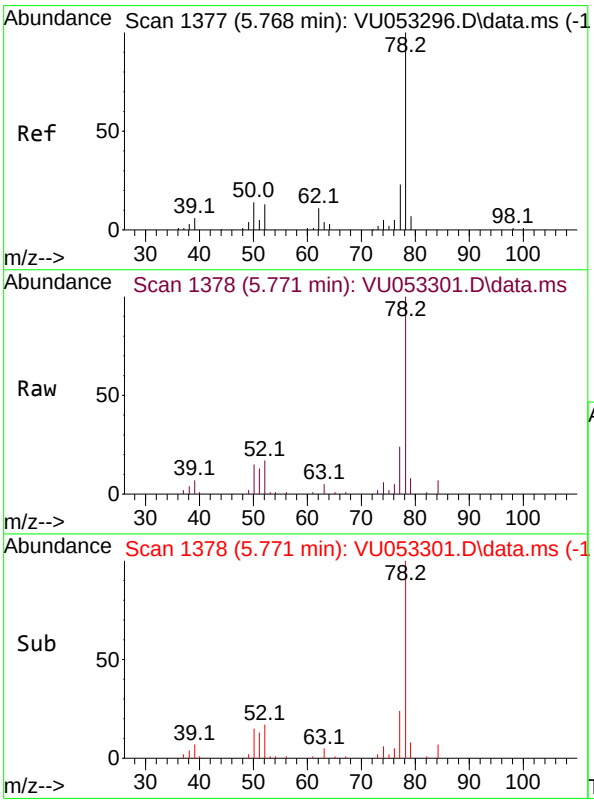
#20
cis-1,2-Dichloroethene
Concen: 27.309 ug/L
RT: 4.661 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :
EYFB8DL

Tgt Ion: 96 Resp: 27005

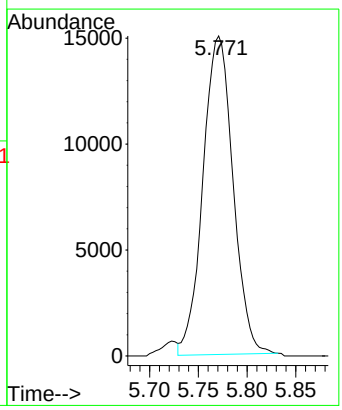
Ion	Ratio	Lower	Upper
96	100		
61	132.7	92.5	171.7
68	0.0	0.0	0.0

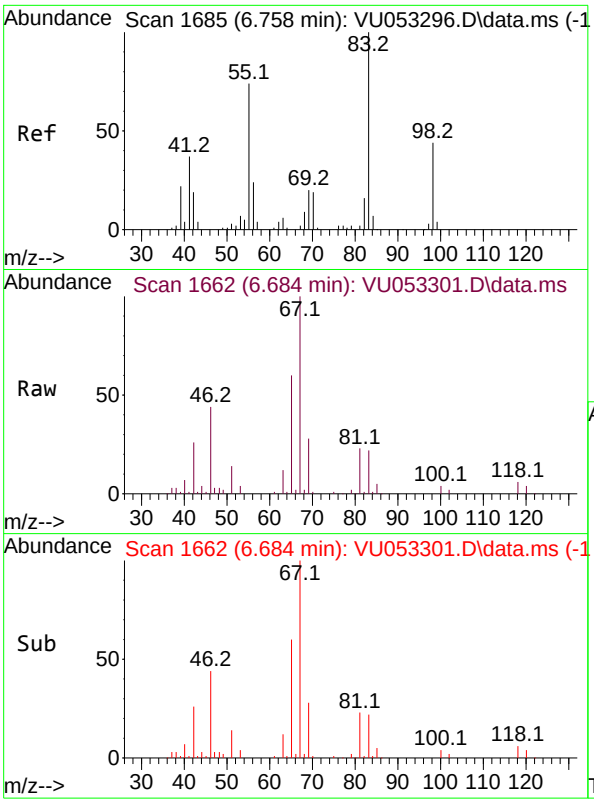




#33
Benzene
Concen: 8.979 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Tgt Ion: 78 Resp: 32261



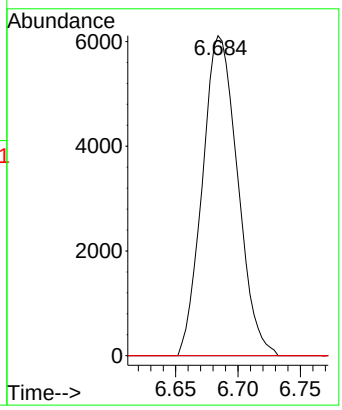


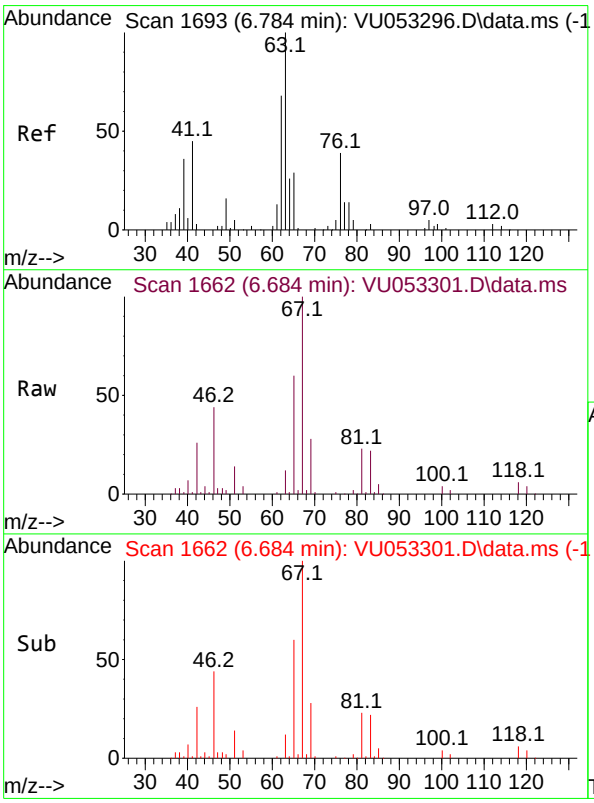
#35
Methylcyclohexane
Concen: 7.304 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :
EYFB8DL

Tgt Ion: 83 Resp: 11994

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4#
98	0.0	35.4	53.2#

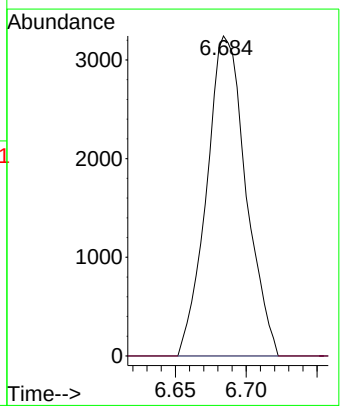


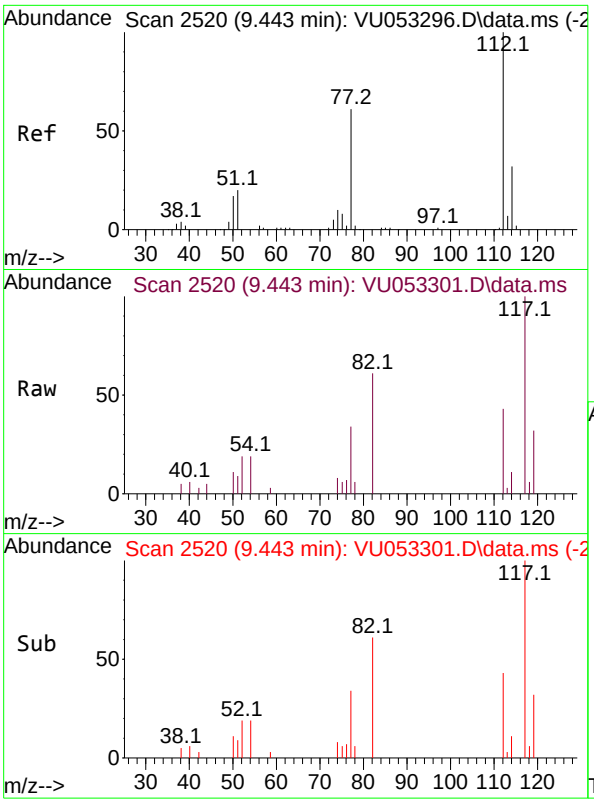


#37
1,2-Dichloropropane
Concen: 6.248 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Tgt Ion: 63 Resp: 6263

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



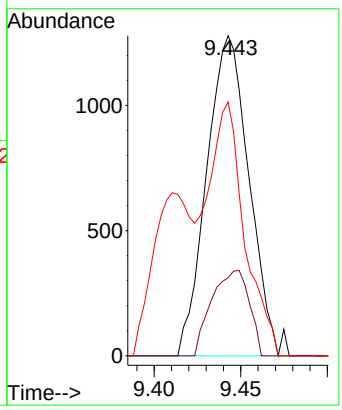


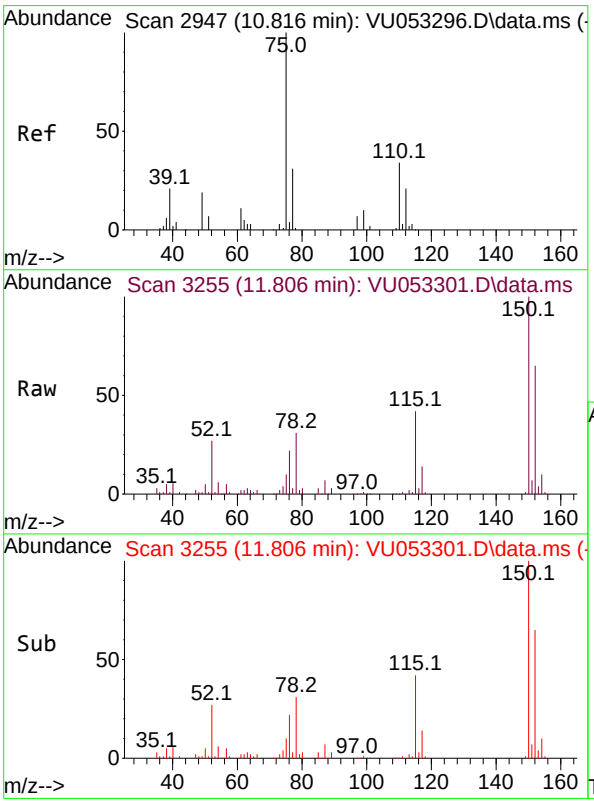
#51
Chlorobenzene
Concen: 0.899 ug/L
RT: 9.443 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Instrument :
MSVOA_U
ClientSampleId :
EYFB8DL

Tgt Ion:112 Resp: 2163

Ion	Ratio	Lower	Upper
112	100		
114	24.4	21.8	40.6
77	79.3	48.8	73.2#





#60
1,2,3-Trichloropropane
Concen: 7.781 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053301.D
Acq: 20 Mar 2023 12:40

Tgt Ion: 75 Resp: 7596

Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.6	40.0
110	1.2	28.6	42.8#