Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032054.D
Acq On : 16 May 2019 17:20
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB887

Quant Time: May 17 07:21:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	407702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	411197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163011	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	78217	2.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 45.60%			
7) Chloroethane-d5	1.67	69	79907	2.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 54.40%#			
11) 1,1-Dichloroethene-d2	2.27	63	116875	2.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 42.80%#			
20) 2-Butanone-d5	4.19	46	295680	43.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.70%			
24) Chloroform-d	4.64	84	206997	3.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.60%#			
26) 1,2-Dichloroethane-d4	5.31	65	108295	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.60%#			
32) Benzene-d6	5.33	84	384313	3.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 61.20%#			
36) 1,2-Dichloropropane-d6	6.33	67	130238	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 71.00%			
41) Toluene-d8	7.56	98	309862	2.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 56.00%#			
43) trans-1,3-Dichloropropene-	7.85	79	39543	3.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.00%			
46) 2-Hexanone-d5	8.31	63	243421	40.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123111	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	130607	3.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 75.60%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2271	0.111	ug/L #	73
3) Chloromethane	1.33	50	14209	0.726	ug/L #	70
8) Chloroethane	1.59	64	11360	0.890	ug/L #	53
13) Acetone	2.32	43	18769	8.479	ug/L	98
14) Carbon disulfide	2.53	76	5686	0.109	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	1074	0.061	ug/L	91
19) 1,1-Dichloroethane	3.43	63	7489	0.269	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	4914	0.285	ug/L	97
35) Methylcyclohexane	6.33	83	32171	1.304	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13769	0.892	ug/L #	87
42) Toluene	7.64	91	12284	0.186	ug/L	92
47) Tetrachloroethene	8.23	164	1459	0.114	ug/L	91
48) 2-Hexanone	8.37	43	6138	1.106	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	19990	2.039	ug/L #	85
63) 1,4-Dichlorobenzene	11.51	146	6810	0.252	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032054.D
Acq On : 16 May 2019 17:20
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB887

Quant Time: May 17 07:21:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032054.D
Acq On : 16 May 2019 17:20
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA_U/WATER
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Instrument : MSVOA_U
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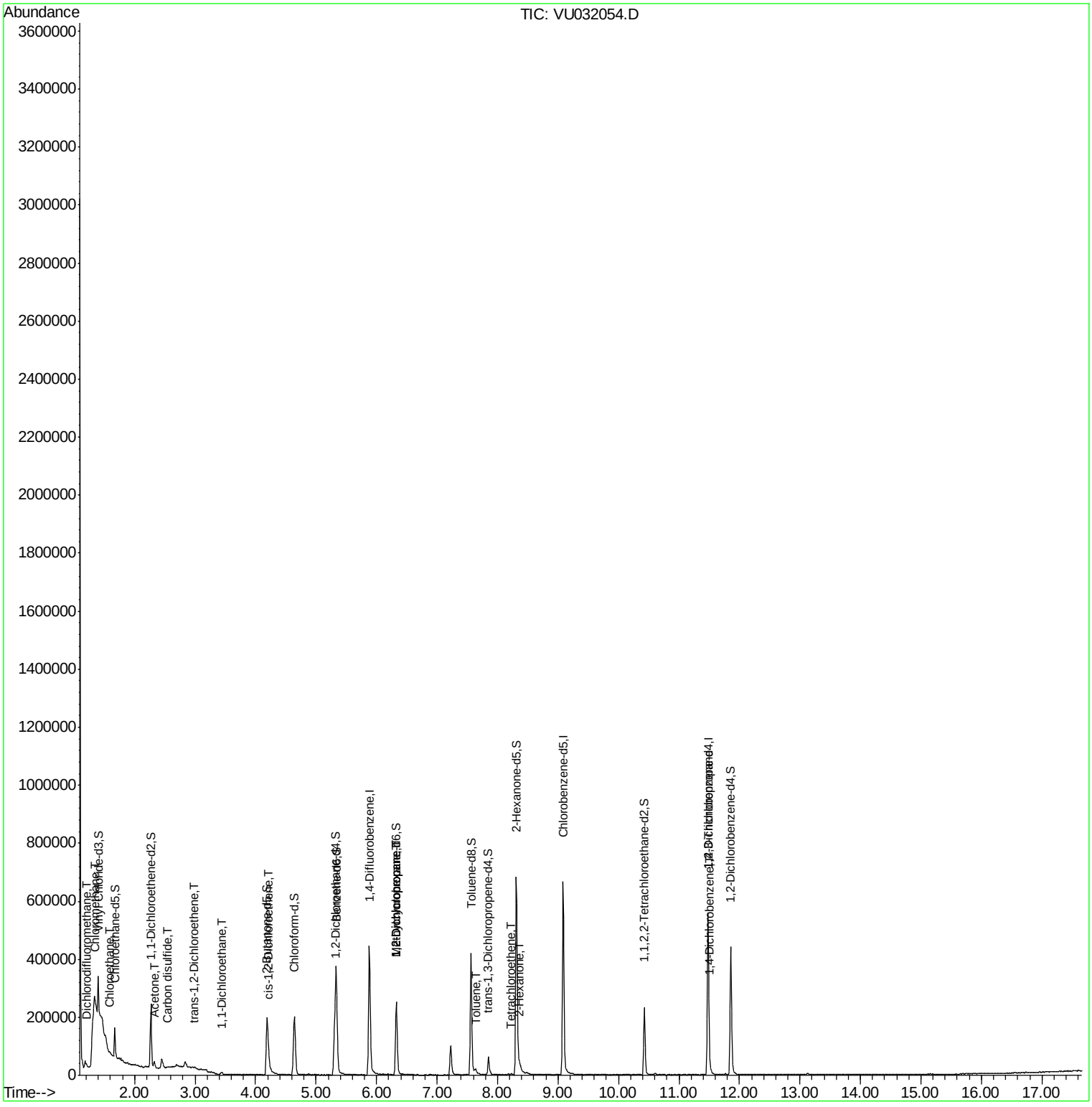
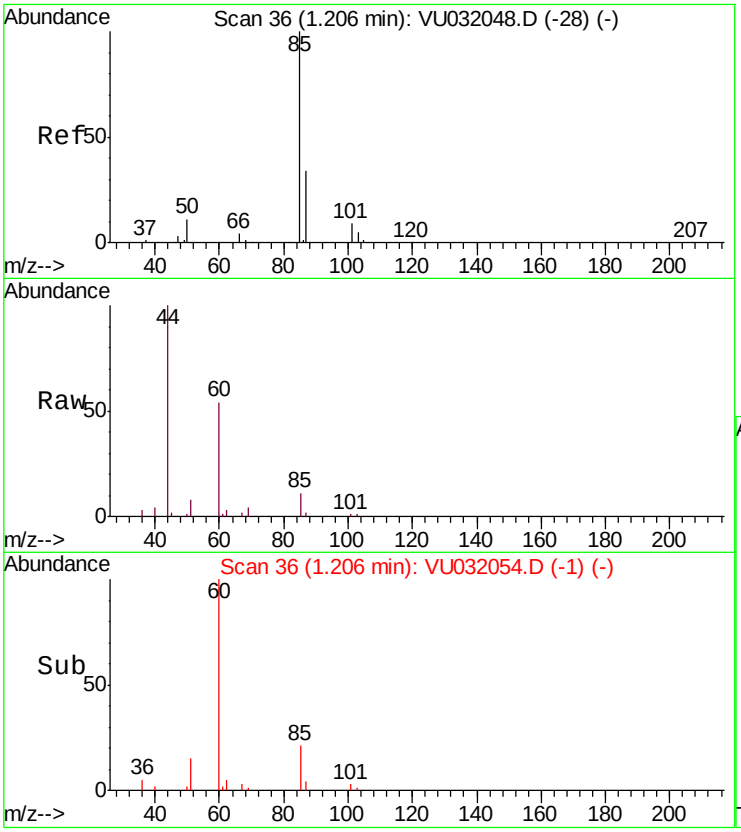
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration



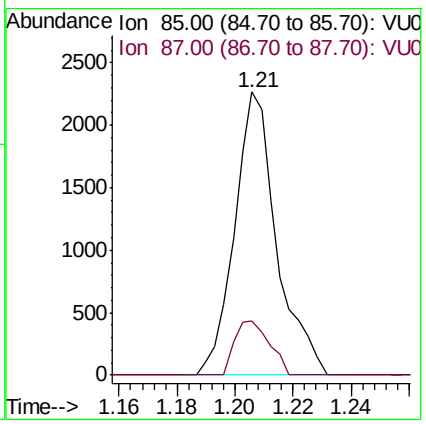


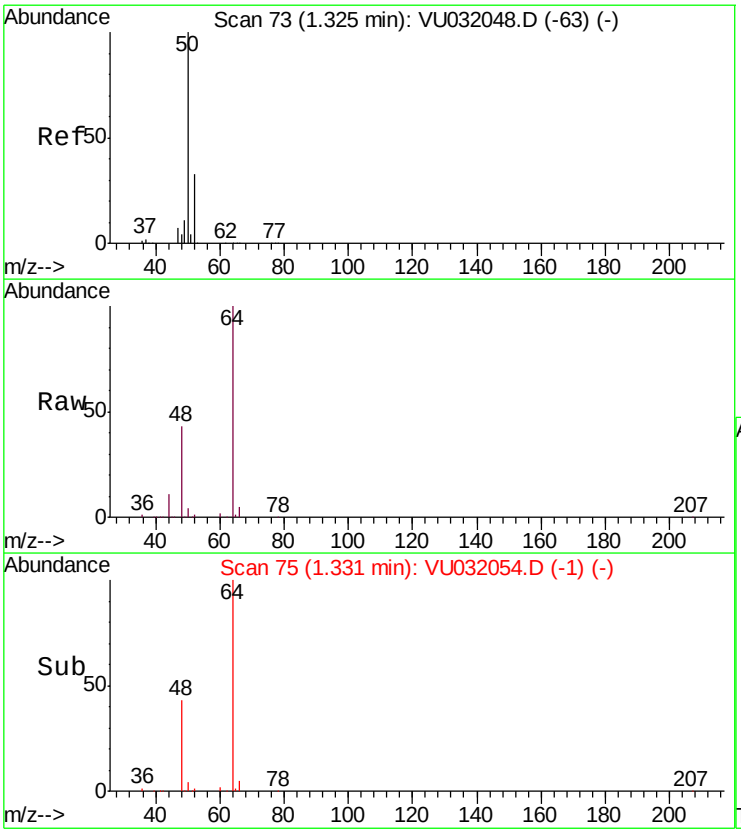
#2
Dichlorodifluoromethane
Concen: 0.111 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 85 Resp: 2271

Ion	Ratio	Lower	Upper
85	100		
87	15.9	24.8	37.2#

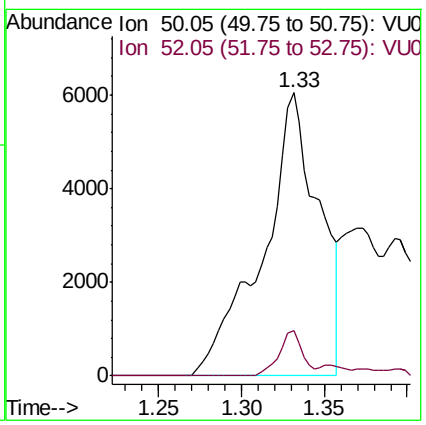


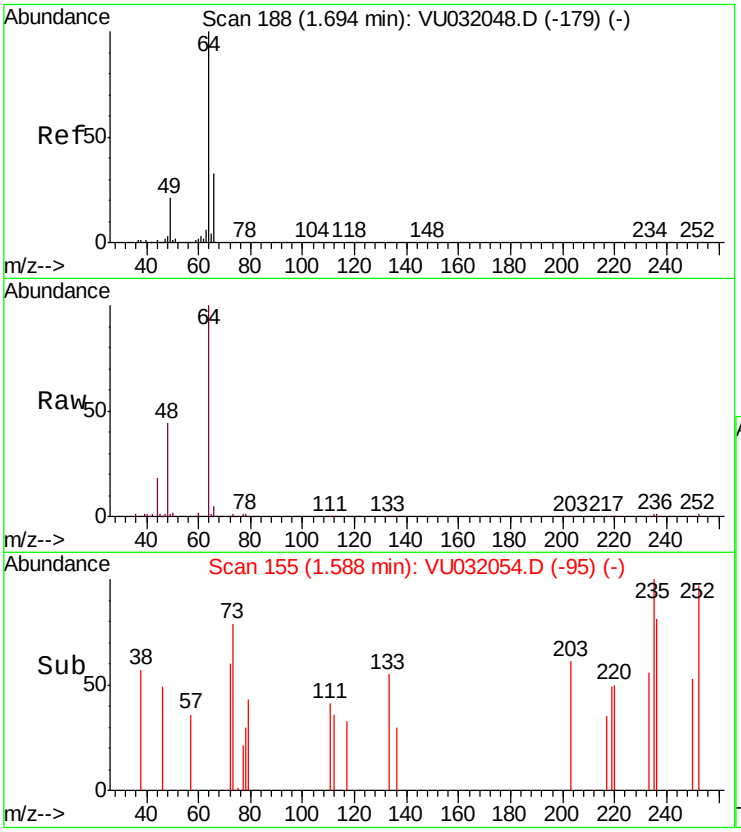


#3
Chloromethane
Concen: 0.726 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.01 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion: 50 Resp: 14209

Ion	Ratio	Lower	Upper
50	100		
52	16.0	23.2	43.0#



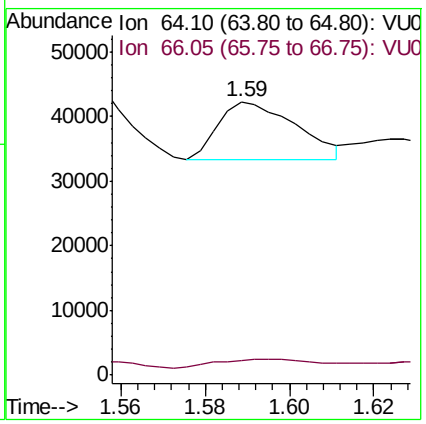


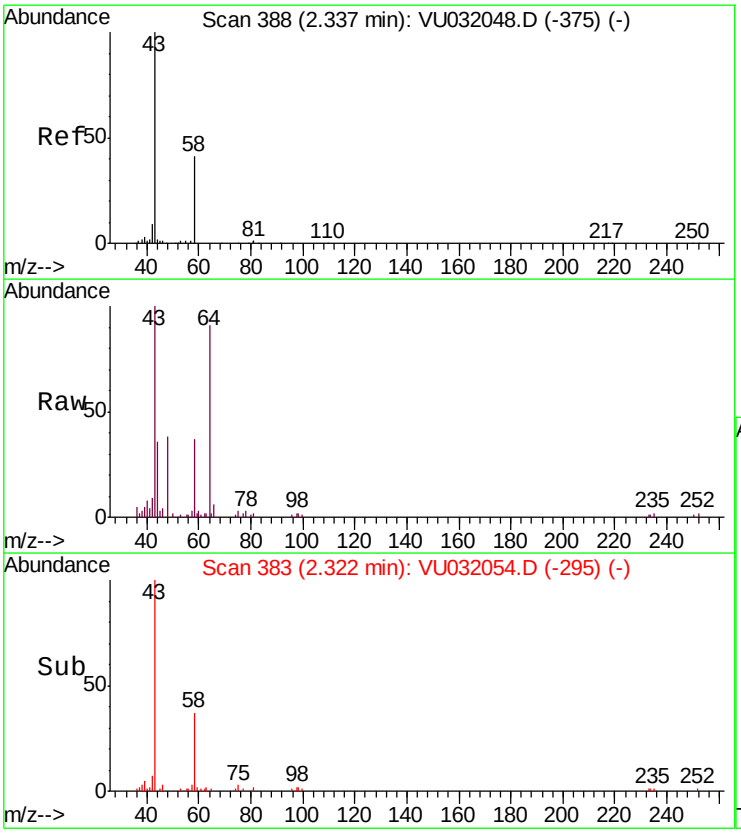
#8
Chloroethane
Concen: 0.890 ug/L
RT: 1.59 min Scan# 155
Delta R.T. -0.11 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 64 Resp: 11360

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.0	41.0#

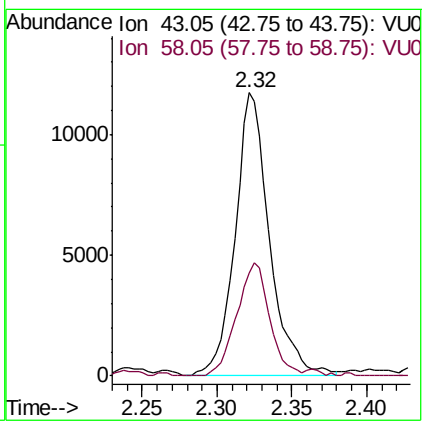


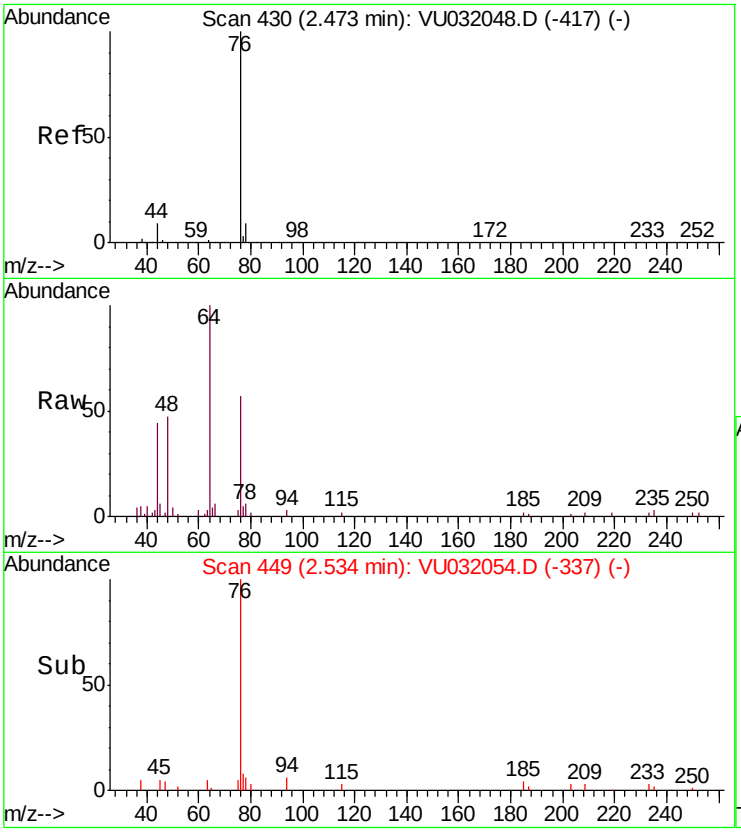


#13
Acetone
Concen: 8.479 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion: 43 Resp: 18769

Ion	Ratio	Lower	Upper
43	100		
58	38.0	0.0	78.8



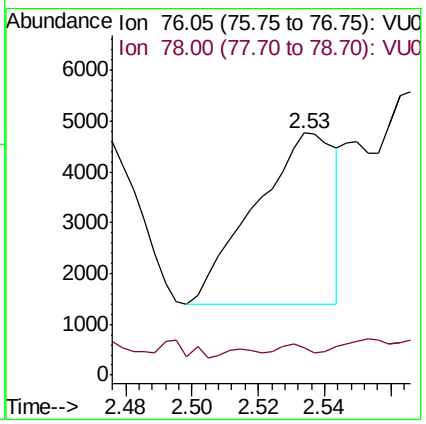


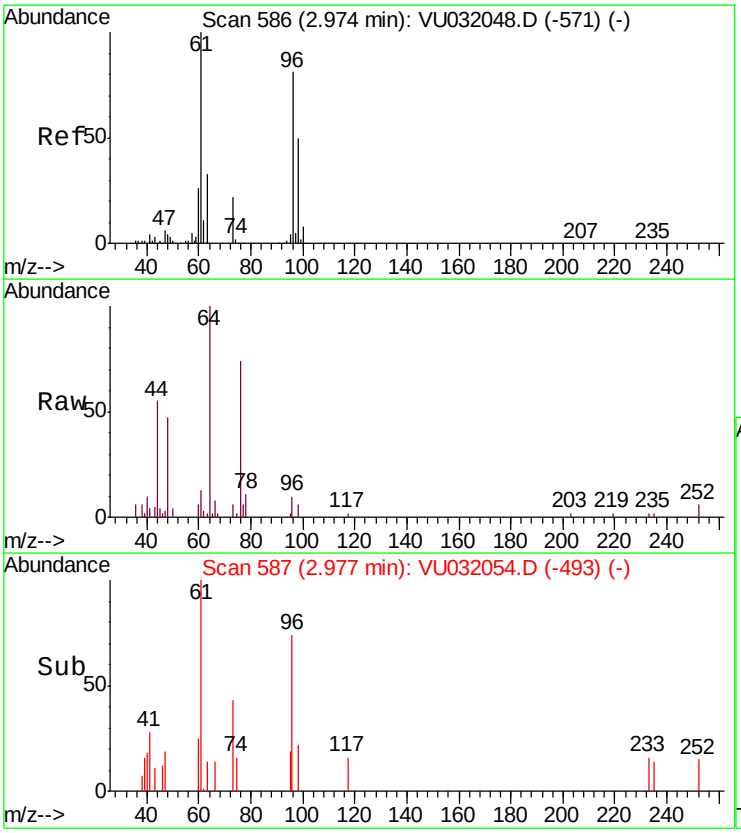
#14
Carbon disulfide
Concen: 0.109 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.06 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 76 Resp: 5686

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.8	11.6

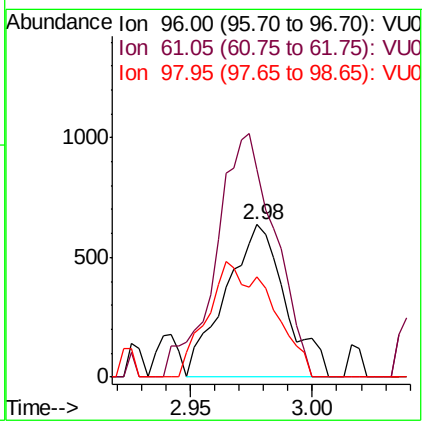


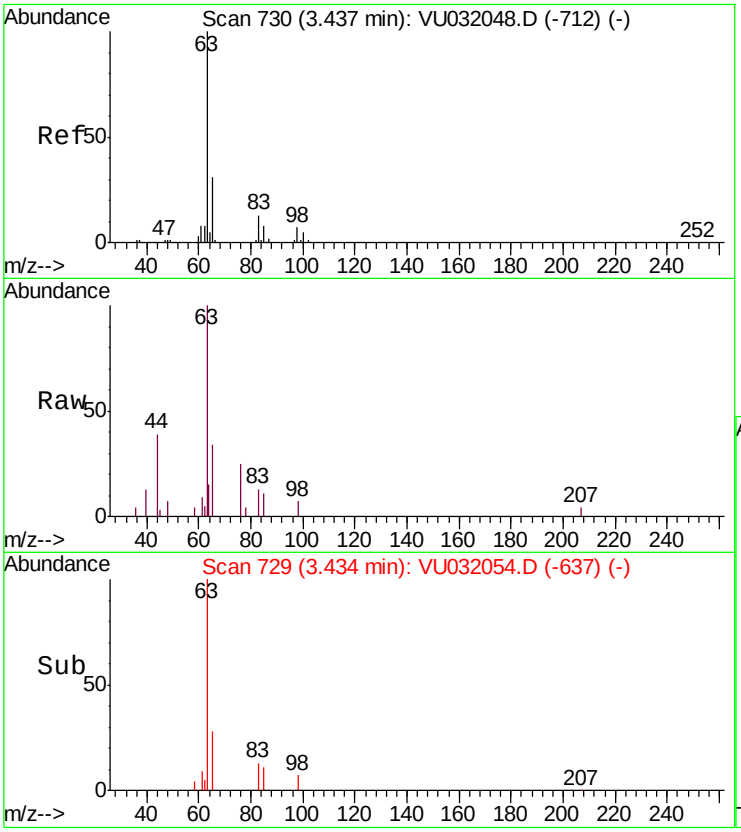


#18
trans-1,2-Dichloroethene
Concen: 0.061 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion: 96 Resp: 1074

Ion	Ratio	Lower	Upper
96	100		
61	135.9	86.5	160.7
98	65.4	43.5	80.9



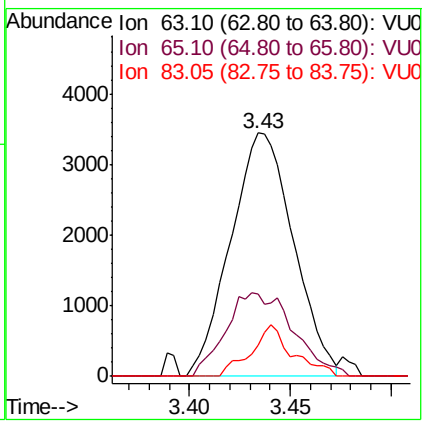


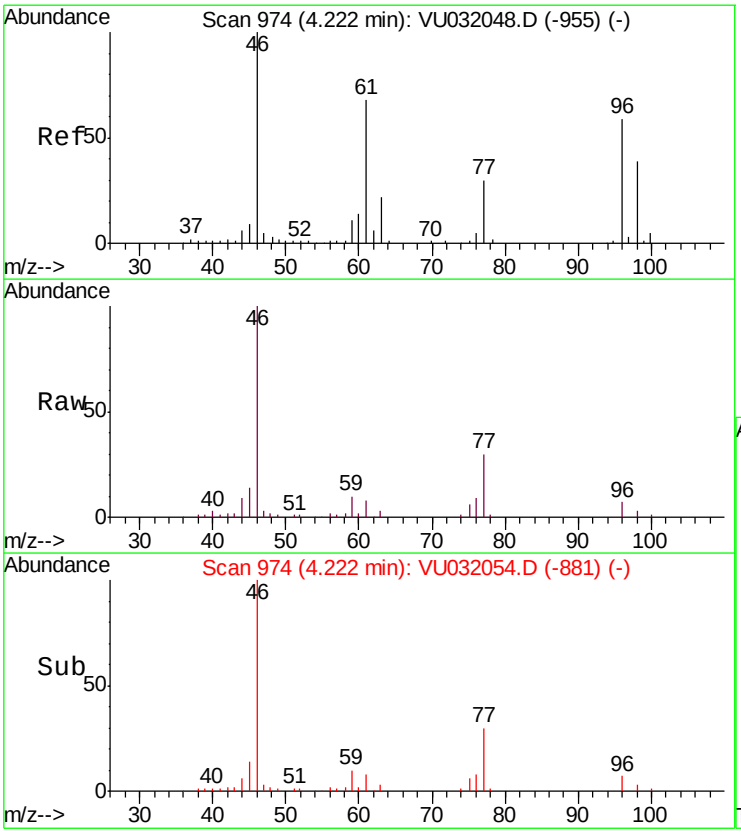
#19
1,1-Dichloroethane
Concen: 0.269 ug/L
RT: 3.43 min Scan# 729
Delta R.T. -0.00 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 63 Resp: 7489

Ion	Ratio	Lower	Upper
63	100		
65	33.7	23.0	42.6
83	13.1	9.3	17.3

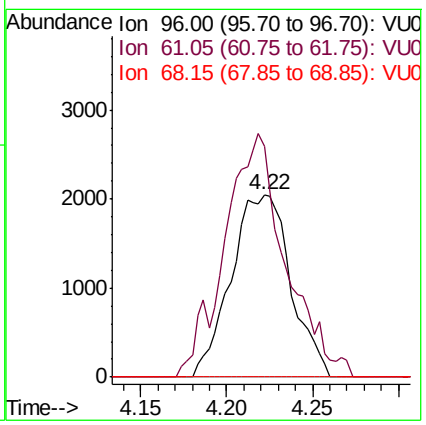


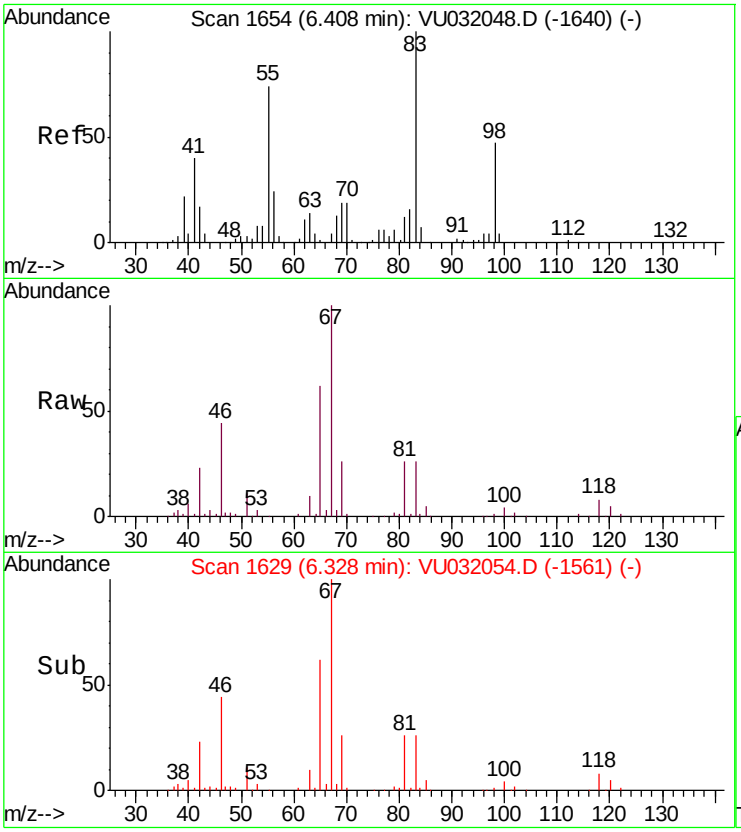


#22
cis-1,2-Dichloroethene
Concen: 0.285 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion: 96 Resp: 4914

Ion	Ratio	Lower	Upper
96	100		
61	126.4	85.8	159.4
68	0.0	0.0	0.0



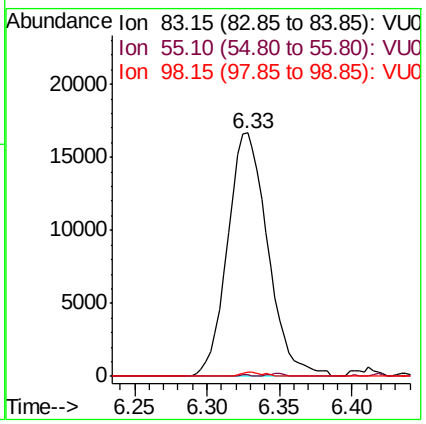


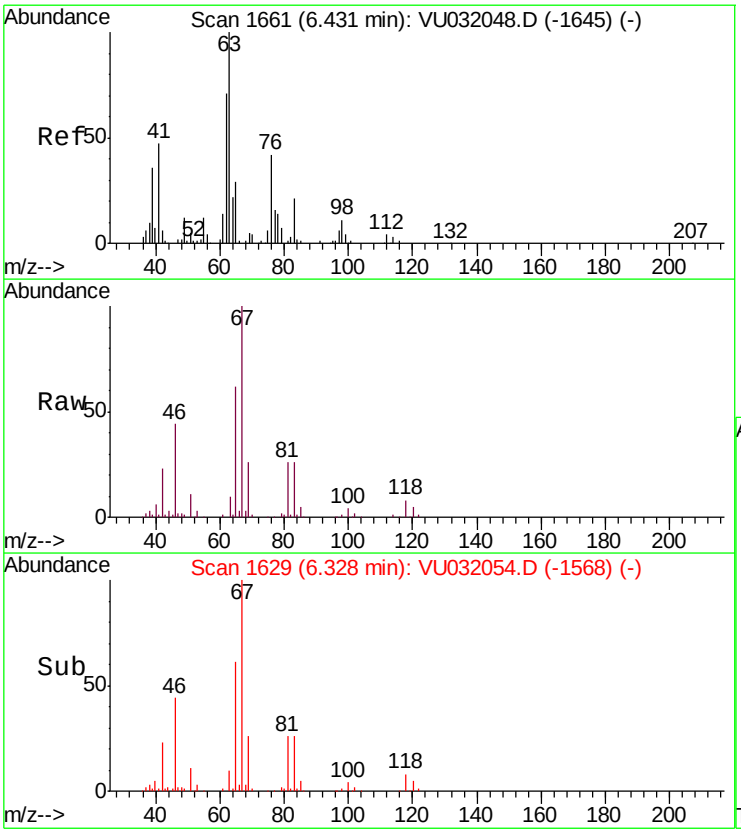
#35
Methylcyclohexane
Concen: 1.304 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion: 83 Resp: 32171

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	1.0	36.8	55.2#

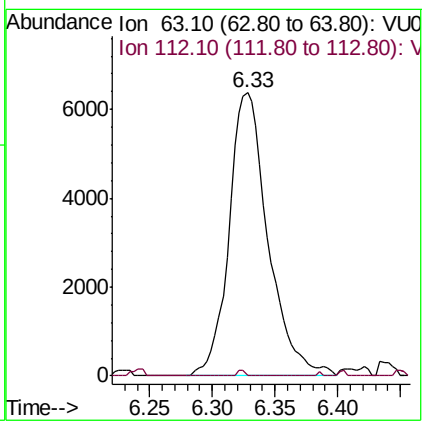


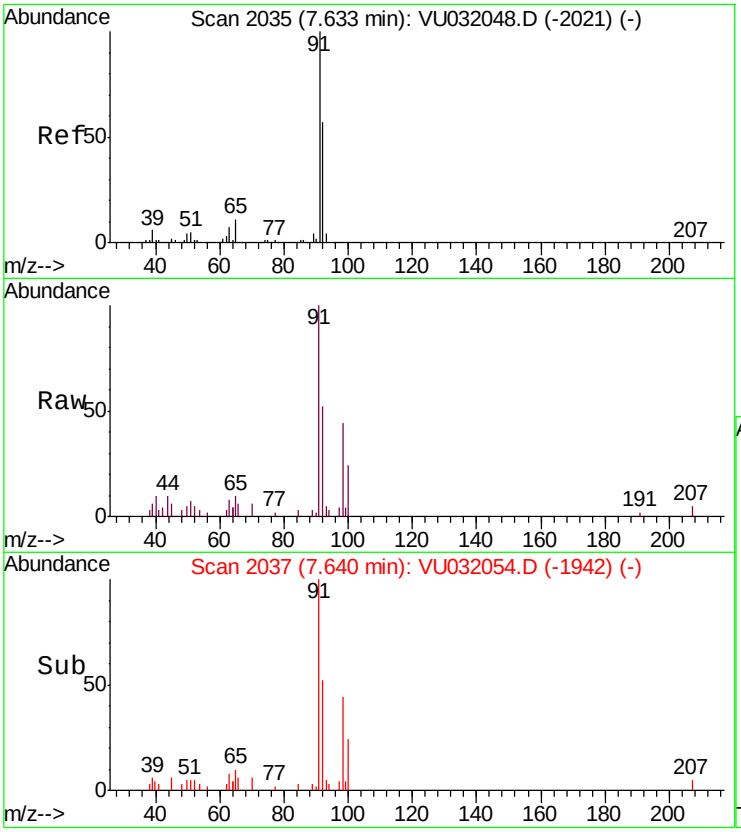


#37
1,2-Dichloropropane
Concen: 0.892 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion: 63 Resp: 13769

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.6#



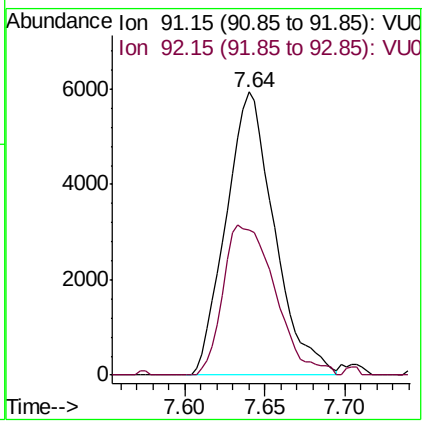


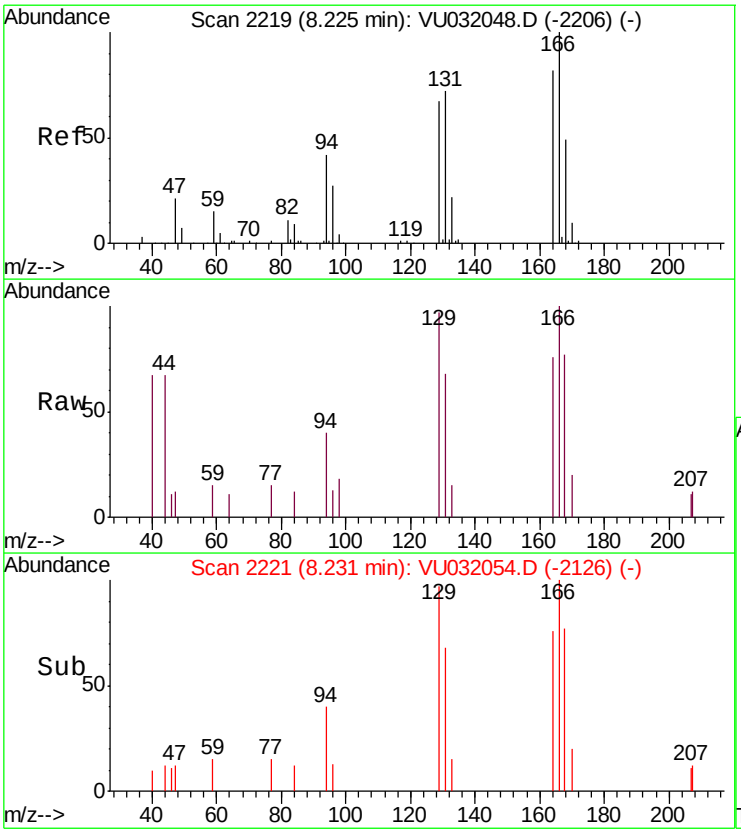
#42
Toluene
Concen: 0.186 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 91 Resp: 12284

Ion	Ratio	Lower	Upper
91	100		
92	51.5	40.2	74.6

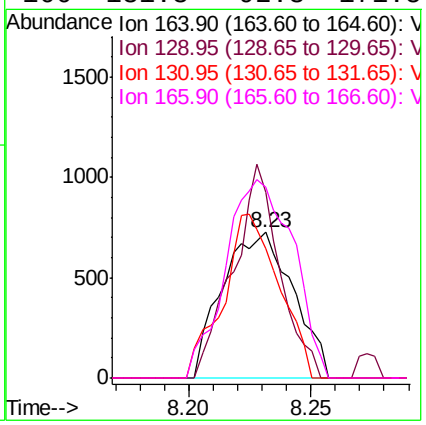


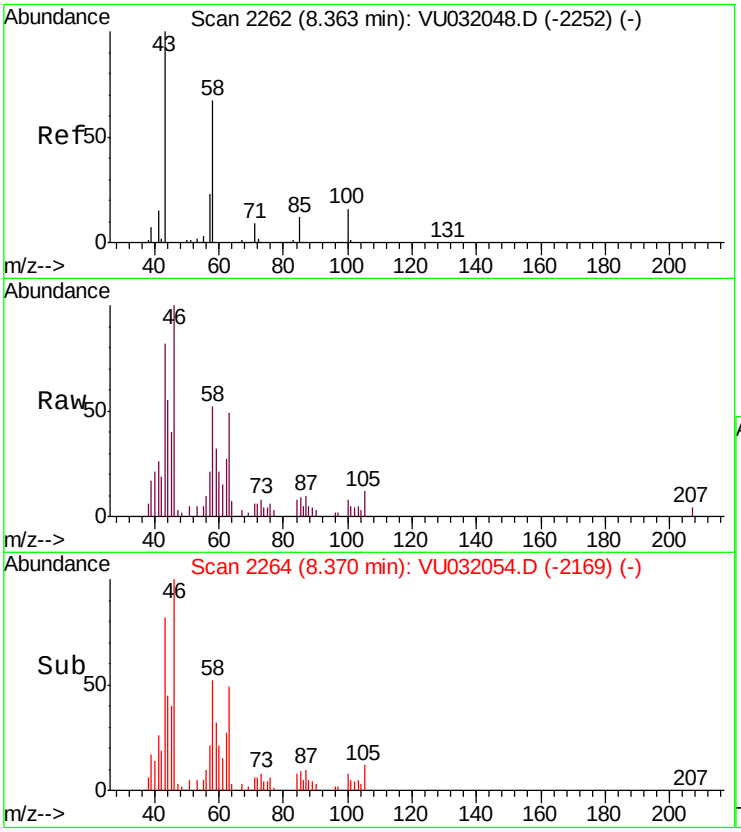


#47
Tetrachloroethene
Concen: 0.114 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion:164 Resp: 1459

Ion	Ratio	Lower	Upper
164	100		
129	127.4	70.3	130.5
131	89.1	64.5	119.9
166	131.3	92.3	171.5



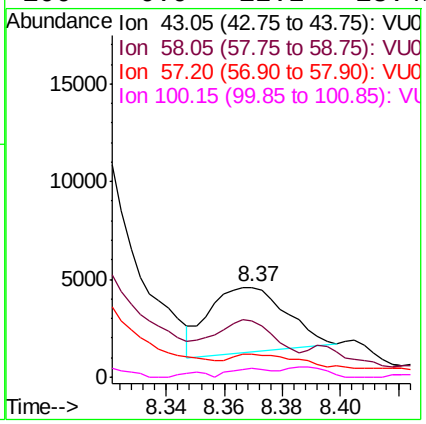


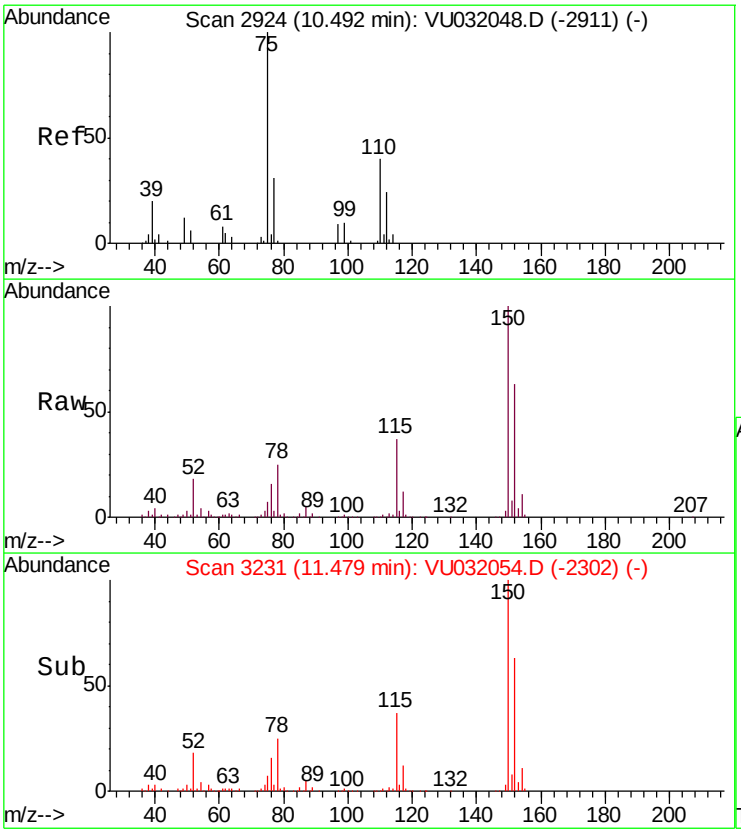
#48
2-Hexanone
Concen: 1.106 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 43 Resp: 6138

Ion	Ratio	Lower	Upper
43	100		
58	73.9	51.6	77.4
57	23.8	18.4	27.6
100	6.9	12.2	18.4#

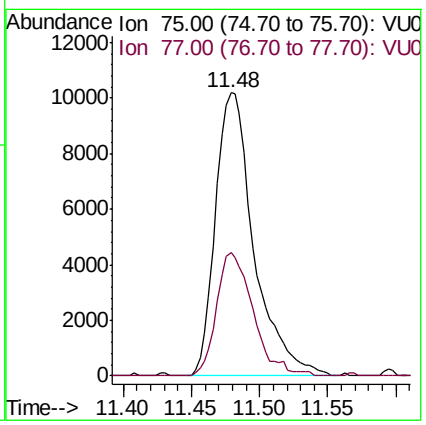


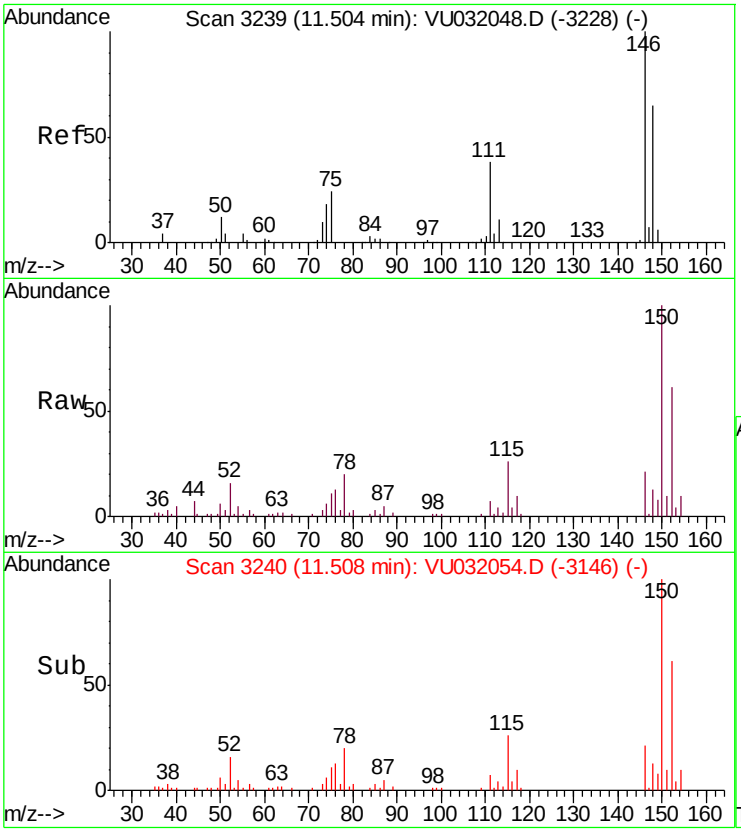


#59
1,2,3-Trichloropropane
Concen: 2.039 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Tgt Ion: 75 Resp: 19990

Ion	Ratio	Lower	Upper
75	100		
77	41.2	26.2	39.2#





#63
1,4-Dichlorobenzene
Concen: 0.252 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU032054.D
Acq: 16 May 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion:146 Resp: 6810

Ion	Ratio	Lower	Upper
146	100		
111	32.1	27.1	50.3
148	64.5	45.4	84.4