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

Quantitation Report (Not Reviewed)

Data File : VU032093.D
Acq On : 17 May 2019 10:19
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB887

Quant Time: May 18 01:55:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	390811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	406015	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163231	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	138593	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	1.67	69	121610	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.27	63	191948	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	4.19	46	266322	41.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.42%			
24) Chloroform-d	4.64	84	248455	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.31	65	123133	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
32) Benzene-d6	5.33	84	517370	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
36) 1,2-Dichloropropane-d6	6.33	67	148064	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.80%			
41) Toluene-d8	7.56	98	432452	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
43) trans-1,3-Dichloropropene-	7.85	79	48660	3.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.60%			
46) 2-Hexanone-d5	8.31	63	228885	38.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128619	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	155480	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	17597	0.937	ug/L #	68
8) Chloroethane	1.59	64	9989	0.817	ug/L #	53
12) 1,1-Dichloroethene	2.27	96	2690	0.171	ug/L #	1
13) Acetone	2.32	43	14016	6.606	ug/L	98
14) Carbon disulfide	2.54	76	8016	0.160	ug/L	99
15) Methyl Acetate	2.61	43	843	0.139	ug/L #	75
18) trans-1,2-Dichloroethene	2.98	96	1205	0.072	ug/L	73
19) 1,1-Dichloroethane	3.44	63	6446	0.242	ug/L #	87
22) cis-1,2-Dichloroethene	4.21	96	4459	0.270	ug/L #	61
35) Methylcyclohexane	6.32	83	36846	1.513	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	15350	1.007	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3383	0.160	ug/L #	80
42) Toluene	7.64	91	11125	0.170	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	2352	0.144	ug/L #	80
47) Tetrachloroethene	8.22	164	1441	0.114	ug/L #	69
49) Dibromochloromethane	8.22	129	1283	0.099	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	19716	2.036	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : VU032093.D
Acq On : 17 May 2019 10:19
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB887

Quant Time: May 18 01:55:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.50	146	5535	0.204	ug/L	89

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

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

Quantitation Report (Not Reviewed)

Data File : VU032093.D
Acq On : 17 May 2019 10:19
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_U
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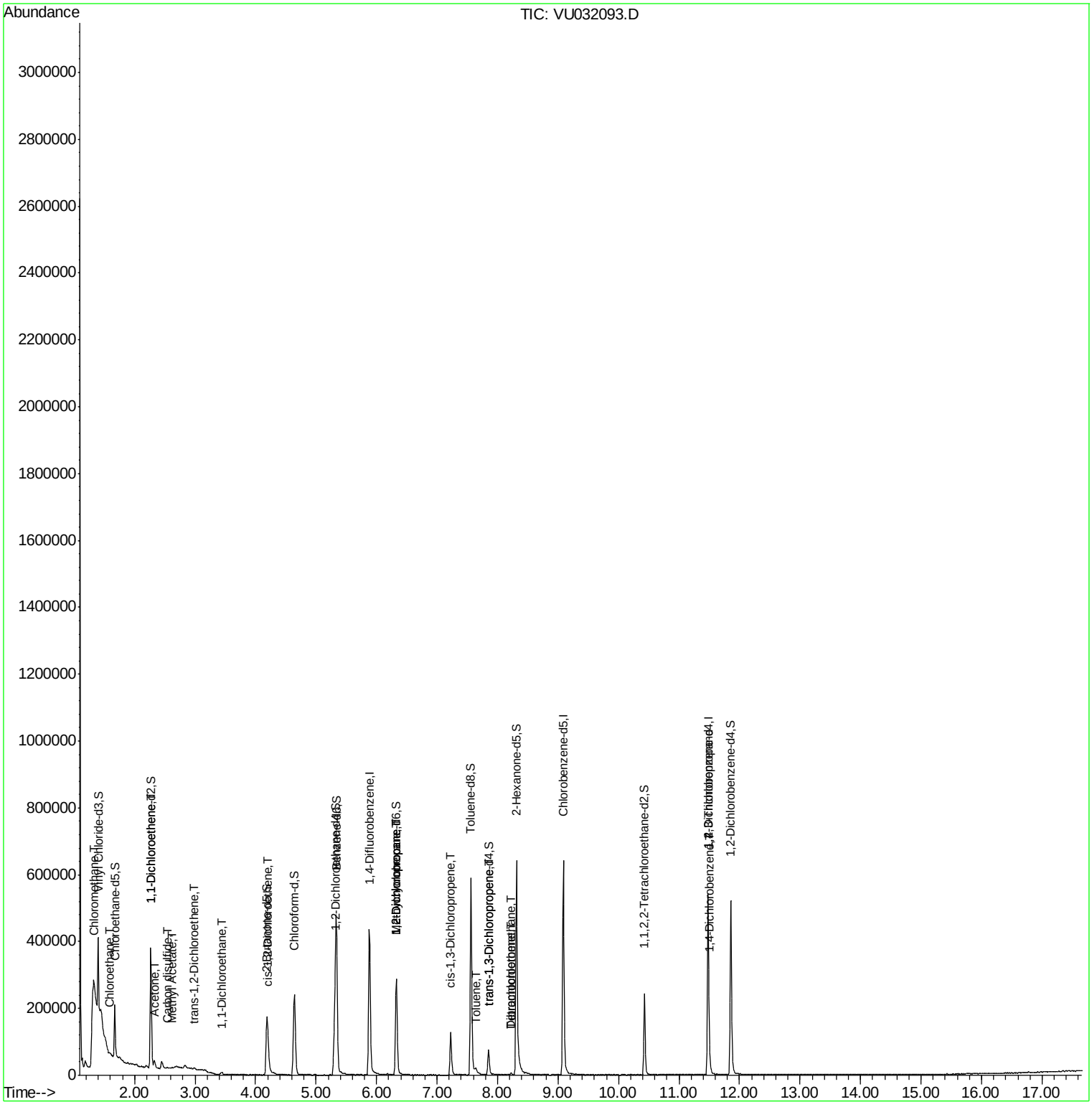
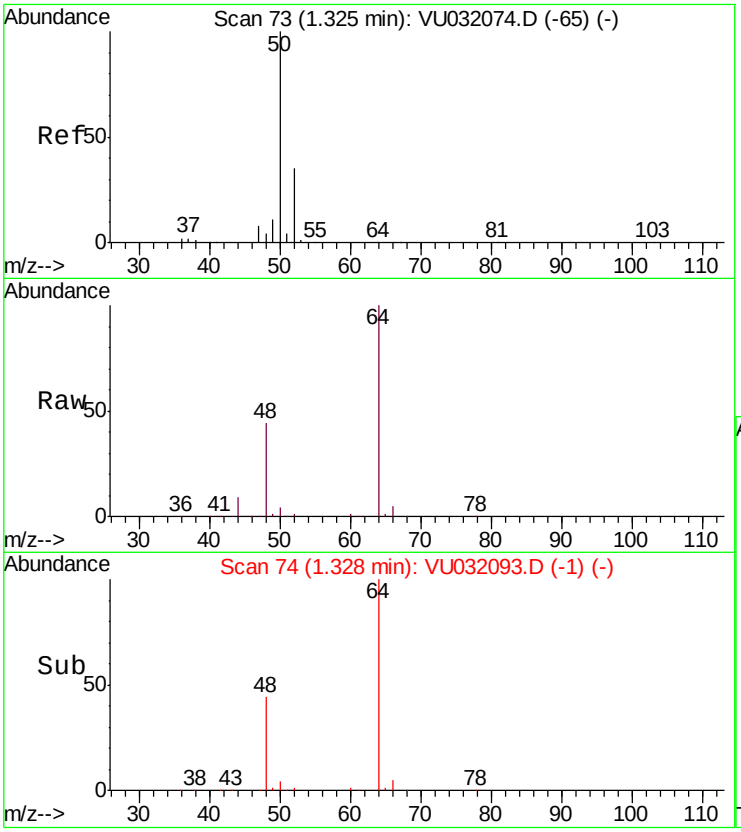
Quant Time: May 18 01:55:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration



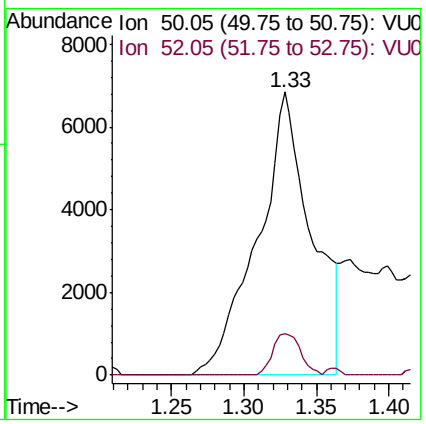


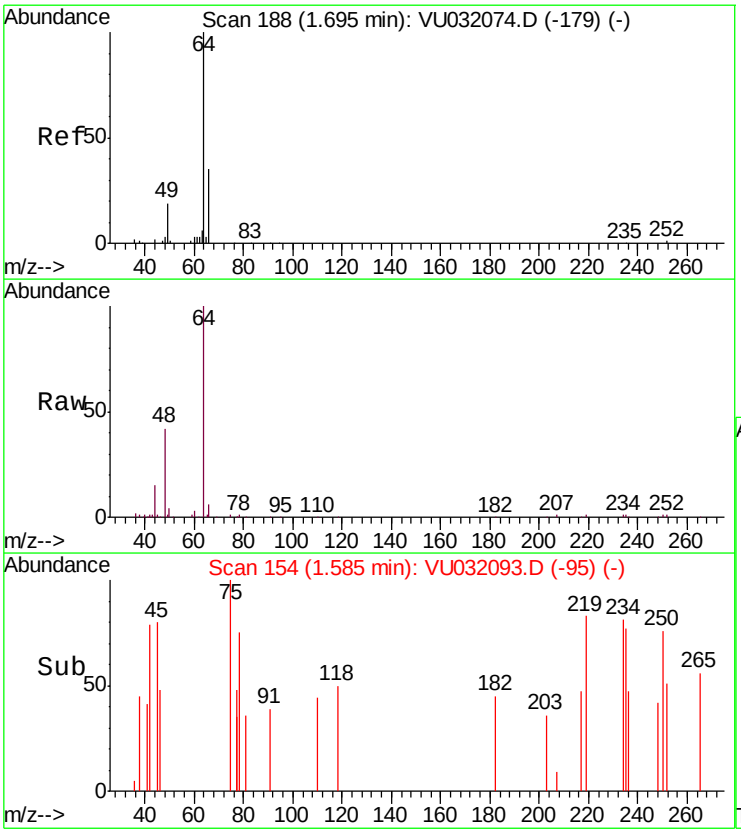
#3
Chloromethane
Concen: 0.937 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion: 50 Resp: 17597

Ion	Ratio	Lower	Upper
50	100		
52	14.8	23.2	43.0#

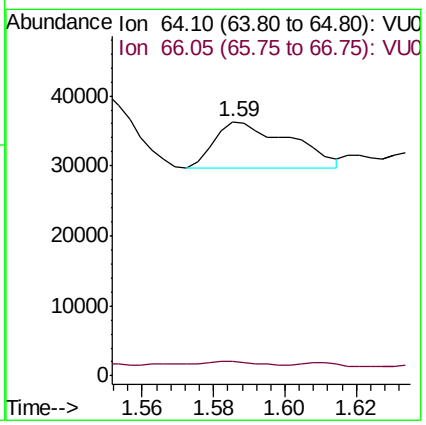


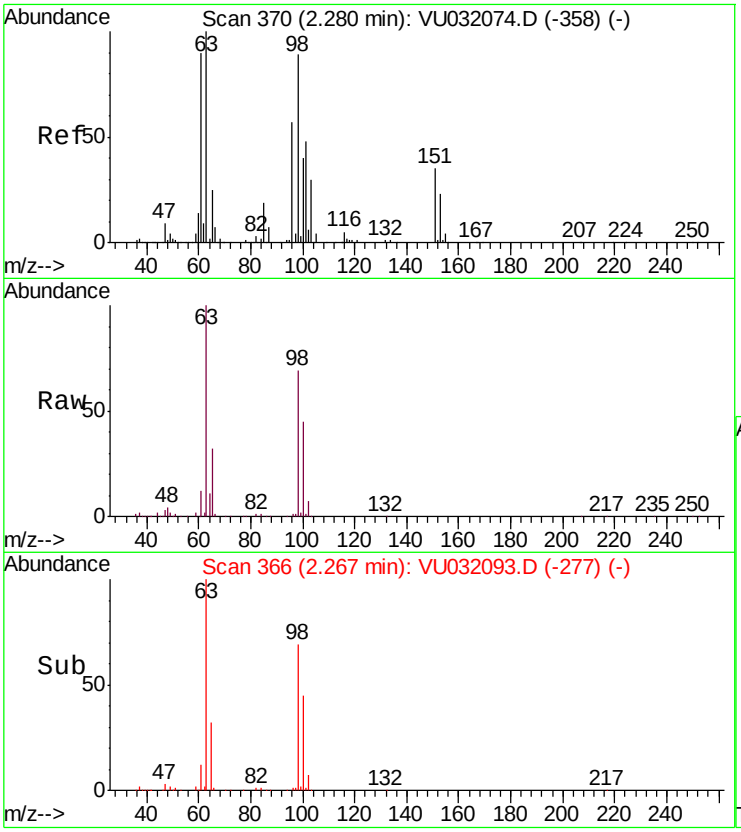


#8
Chloroethane
Concen: 0.817 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.11 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 64 Resp: 9989

Ion	Ratio	Lower	Upper
64	100		
66	5.7	22.0	41.0#



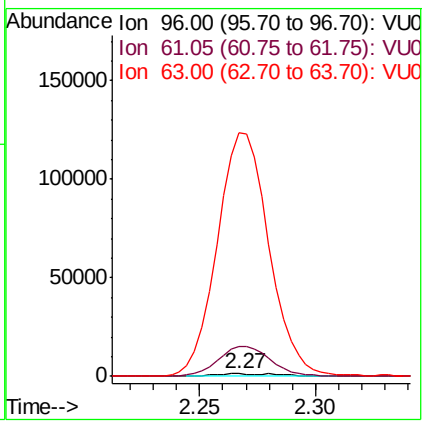


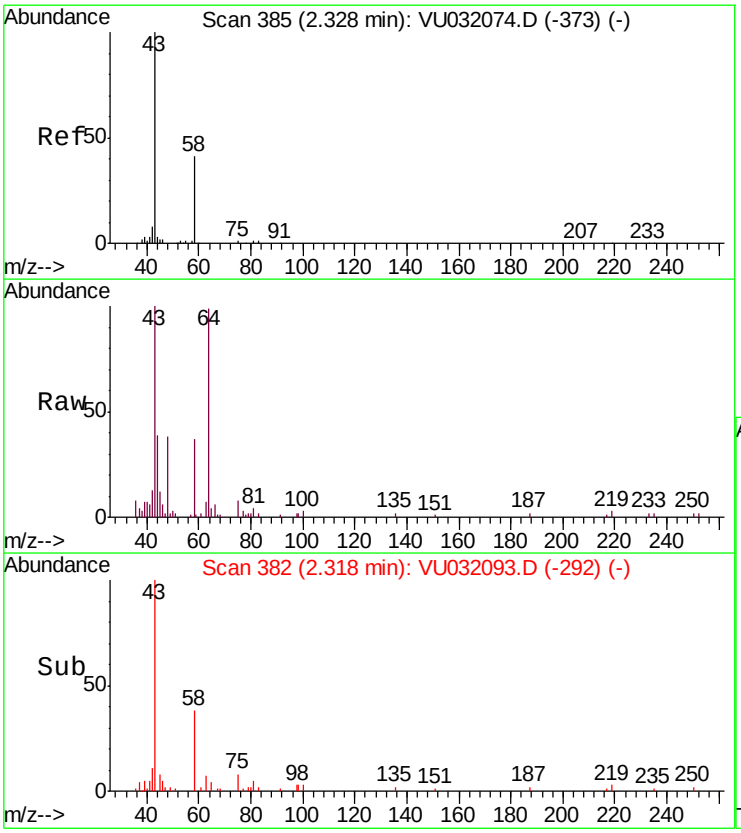
#12
1,1-Dichloroethene
Concen: 0.171 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion: 96 Resp: 2690

Ion	Ratio	Lower	Upper
96	100		
61	1210.8	111.7	207.5#
63	9819.4	152.2	282.6#

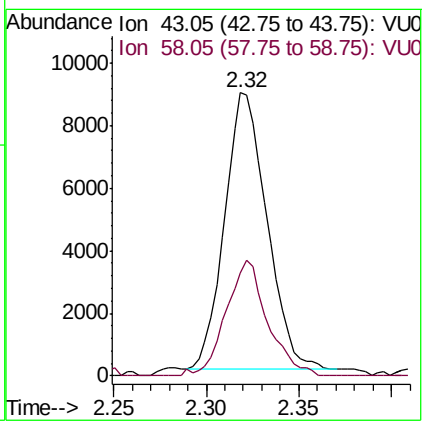


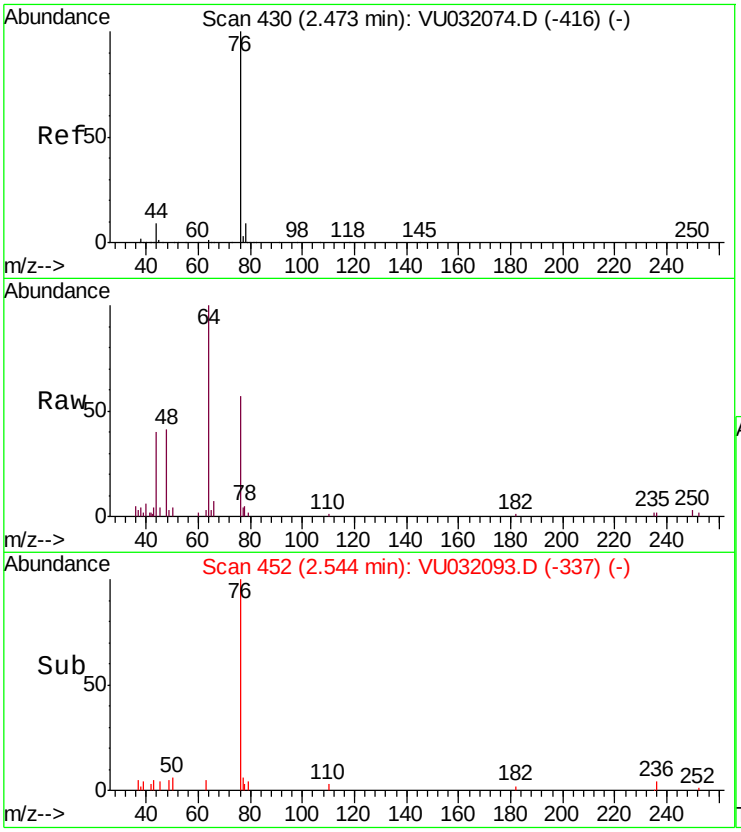


#13
Acetone
Concen: 6.606 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 43 Resp: 14016

Ion	Ratio	Lower	Upper
43	100		
58	40.9	0.0	78.8



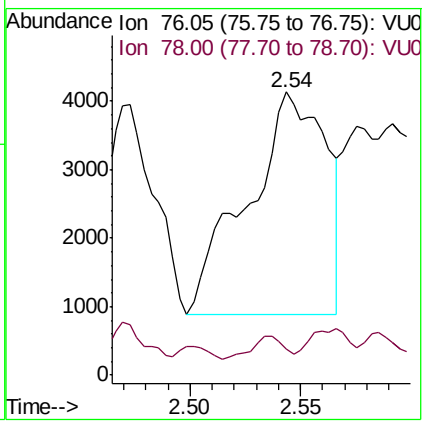


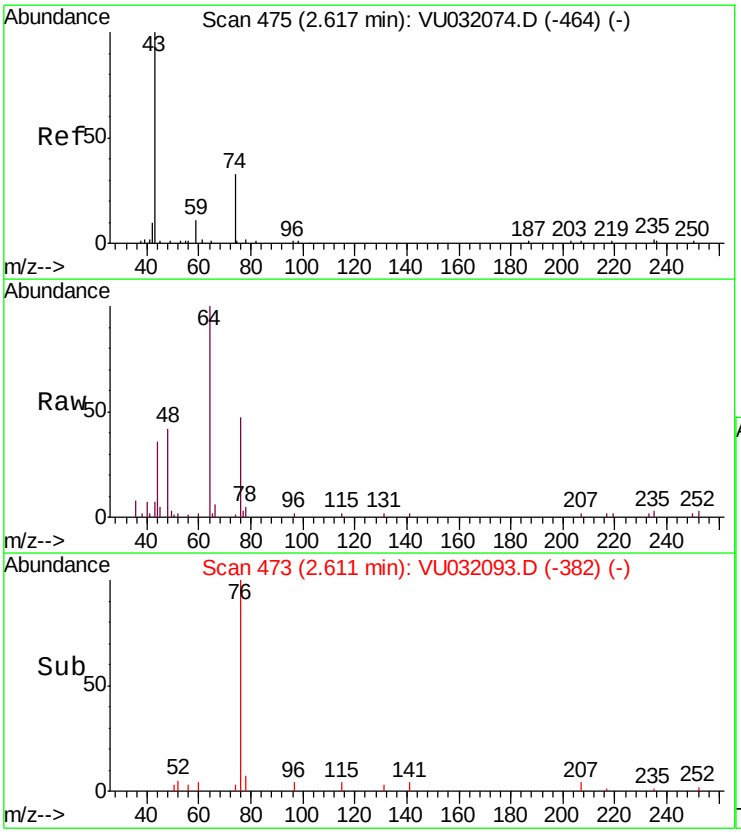
#14
Carbon disulfide
Concen: 0.160 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.07 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 76 Resp: 8016

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.6

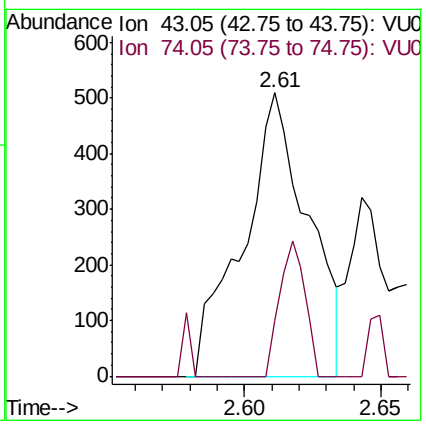


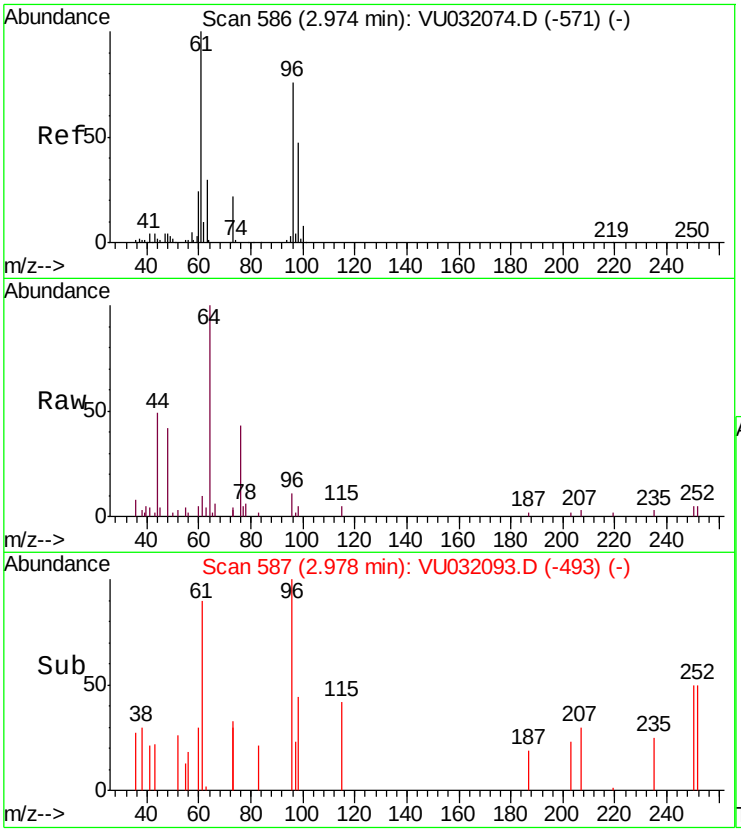


#15
Methyl Acetate
Concen: 0.139 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.01 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 43 Resp: 843

Ion	Ratio	Lower	Upper
43	100		
74	19.0	26.4	39.6#



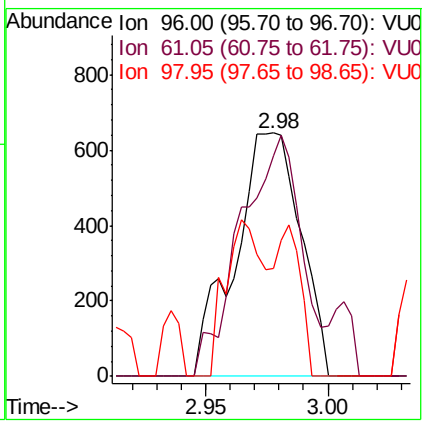


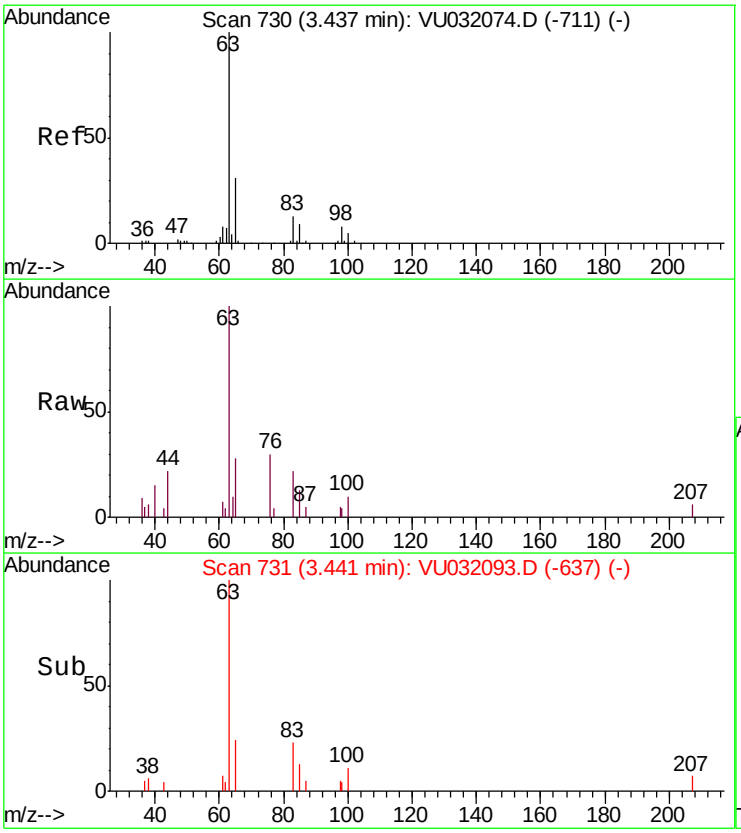
#18
trans-1,2-Dichloroethene
Concen: 0.072 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion: 96 Resp: 1205

Ion	Ratio	Lower	Upper
96	100		
61	90.4	86.5	160.7
98	44.4	43.5	80.9

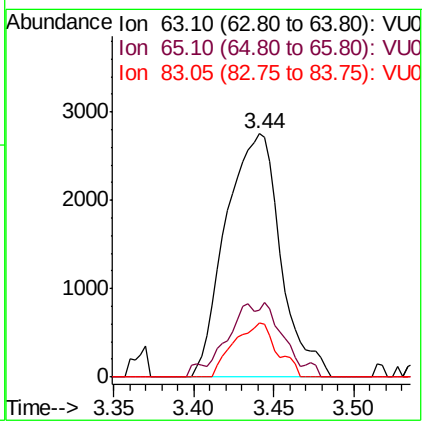


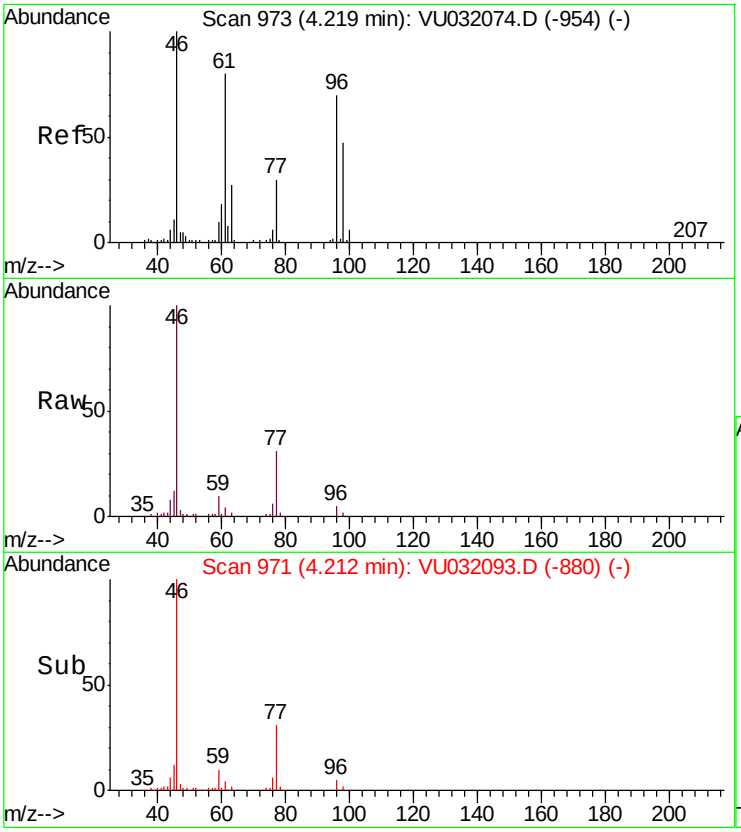


#19
1,1-Dichloroethane
Concen: 0.242 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 63 Resp: 6446

Ion	Ratio	Lower	Upper
63	100		
65	27.7	23.0	42.6
83	22.4	9.3	17.3#



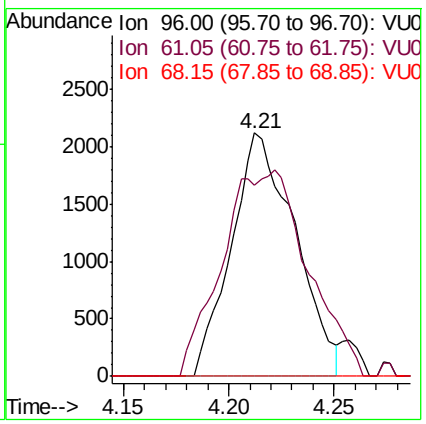


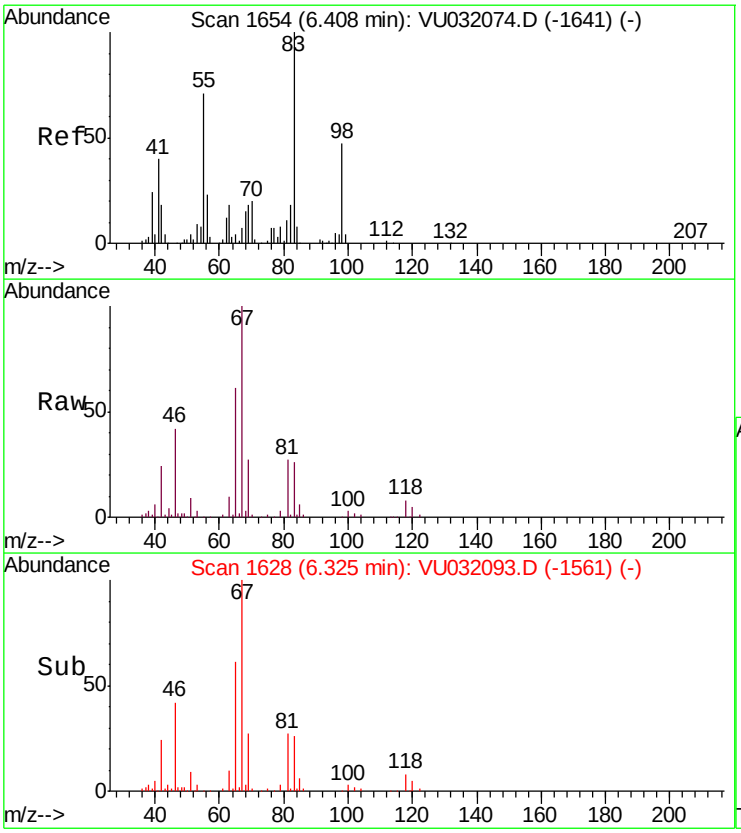
#22
cis-1,2-Dichloroethene
Concen: 0.270 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion: 96 Resp: 4459

Ion	Ratio	Lower	Upper
96	100		
61	78.6	85.8	159.4#
68	0.0	0.0	0.0

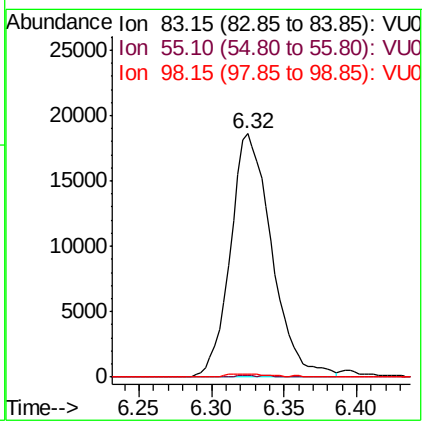


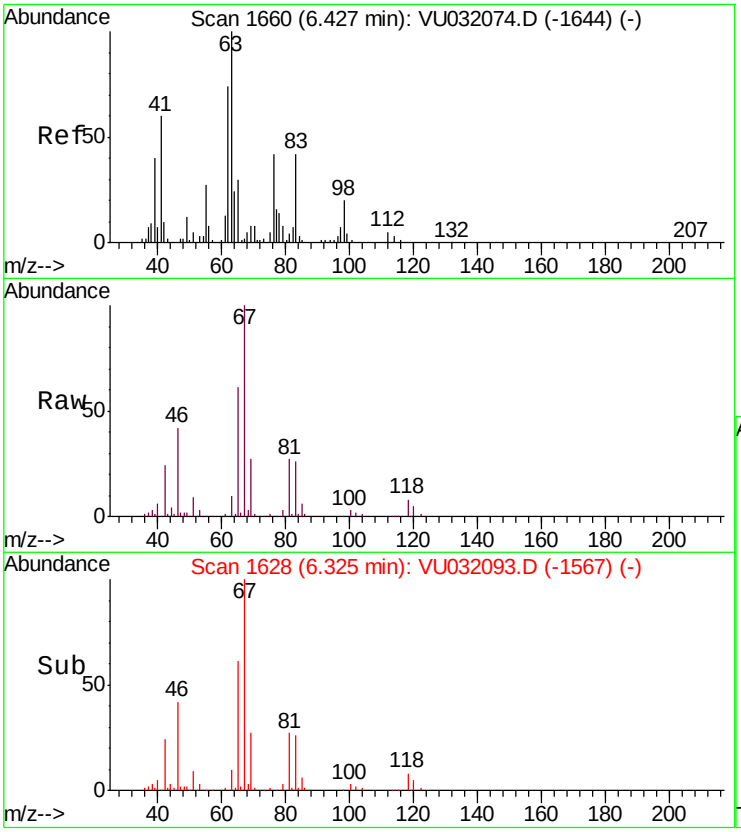


#35
Methylcyclohexane
Concen: 1.513 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 83 Resp: 36846

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	1.3	36.8	55.2#



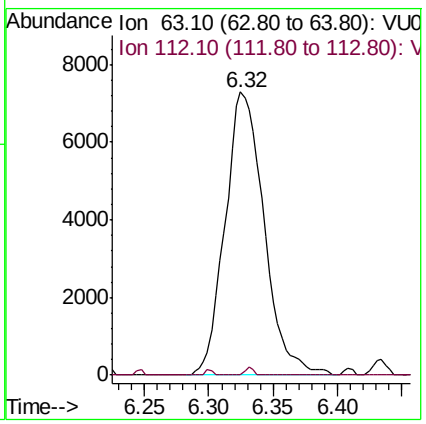


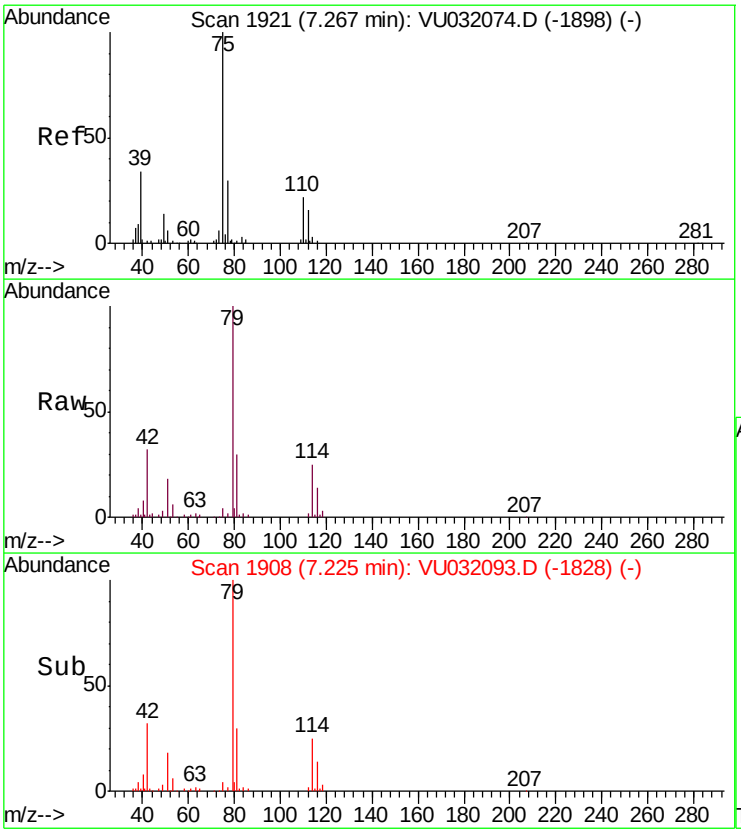
#37
1,2-Dichloropropane
Concen: 1.007 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 63 Resp: 15350

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.6#

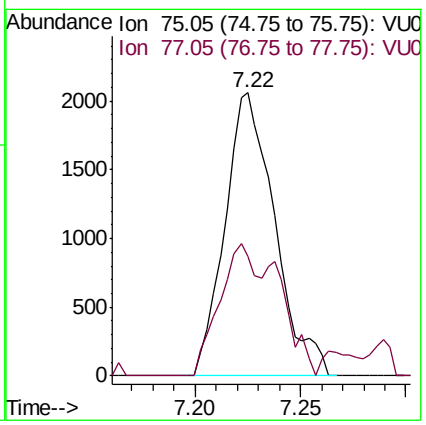


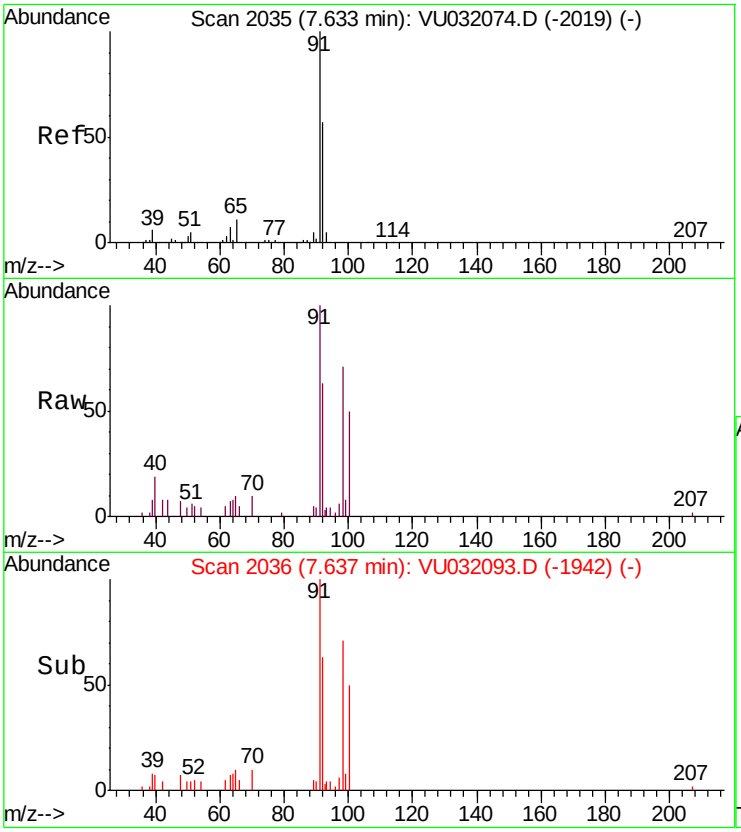


#39
cis-1,3-Dichloropropene
Concen: 0.160 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 75 Resp: 3383

Ion	Ratio	Lower	Upper
75	100		
77	42.2	21.7	40.3#



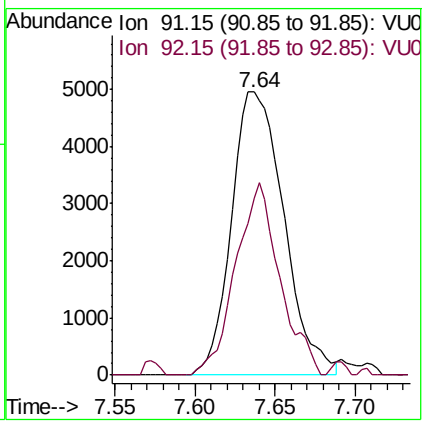


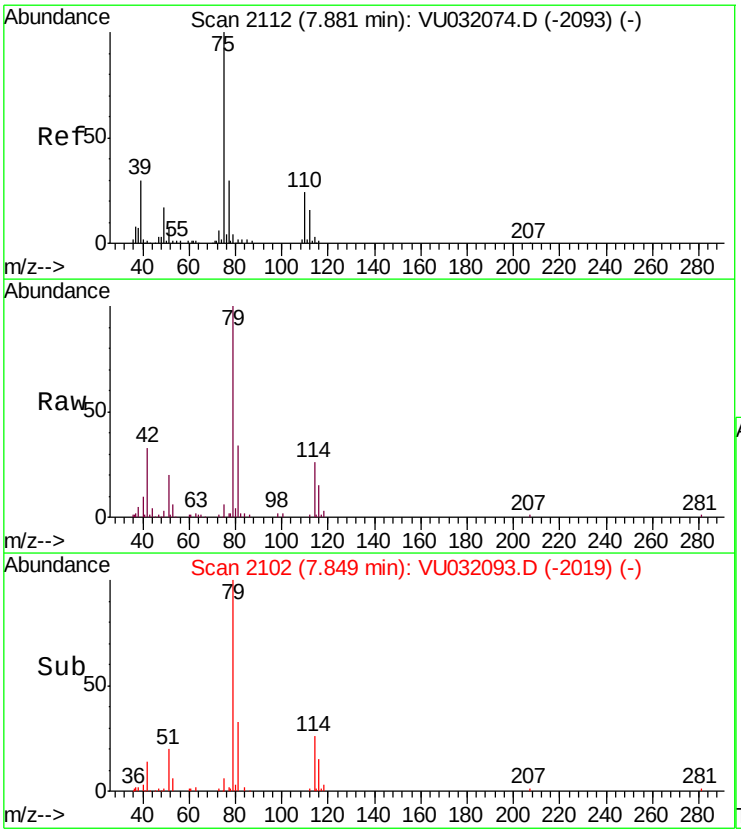
#42
Toluene
Concen: 0.170 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion: 91 Resp: 11125

Ion	Ratio	Lower	Upper
91	100		
92	62.6	40.2	74.6

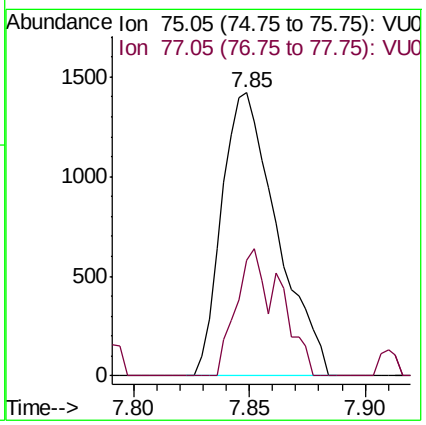


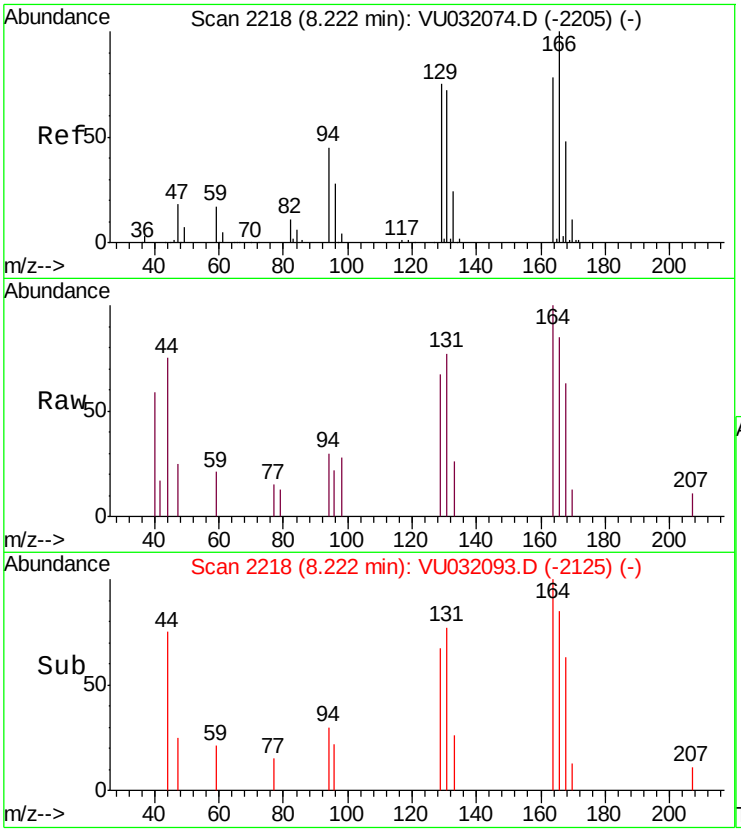


#44
trans-1,3-Dichloropropene
Concen: 0.144 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion: 75 Resp: 2352

Ion	Ratio	Lower	Upper
75	100		
77	40.8	21.0	39.0#



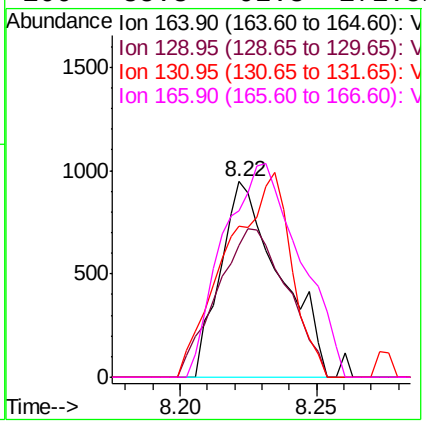


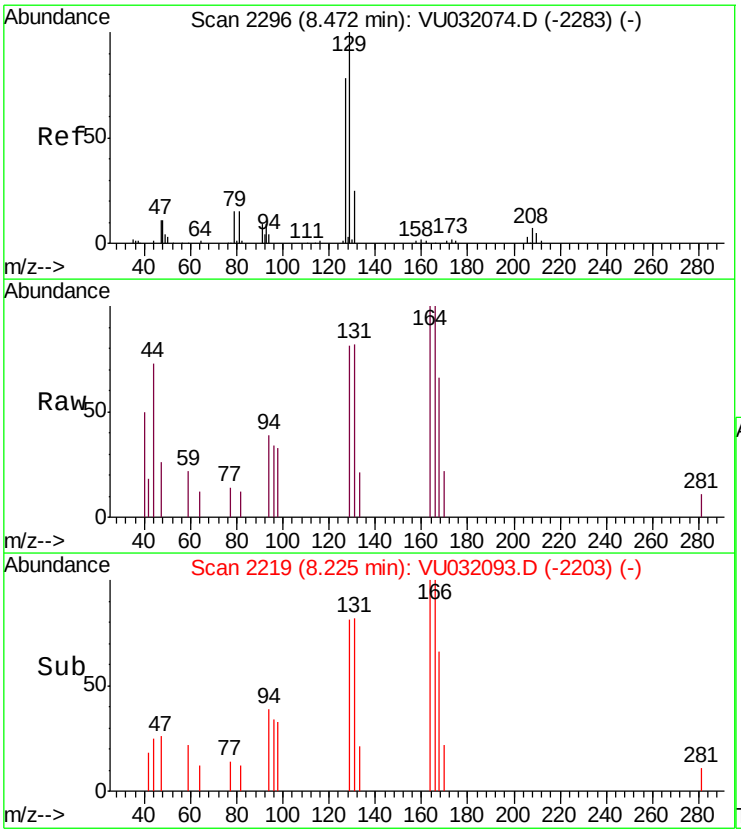
#47
Tetrachloroethene
Concen: 0.114 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument :
MSVOA_U
ClientSampleId :
DB887

Tgt Ion:164 Resp: 1441

Ion	Ratio	Lower	Upper
164	100		
129	67.2	70.3	130.5#
131	77.1	64.5	119.9
166	85.3	92.3	171.5#

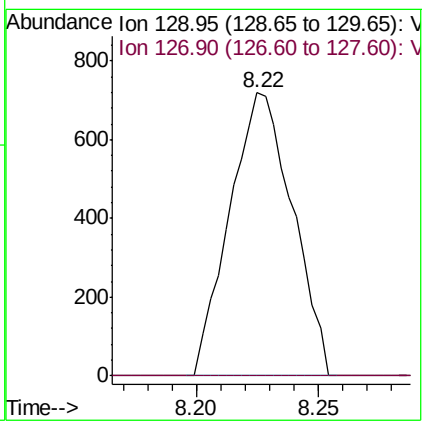


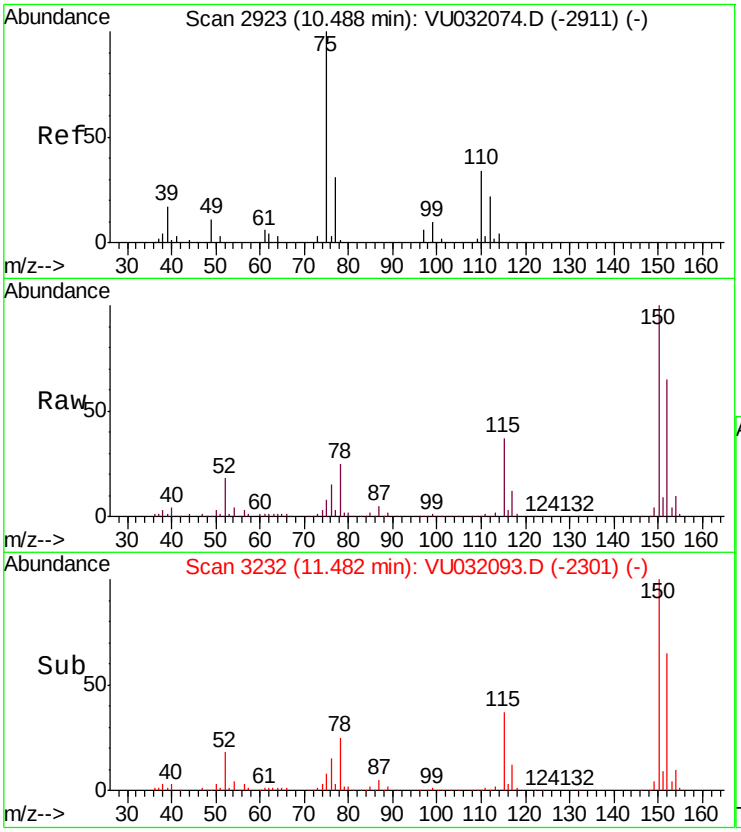


#49
Dibromochloromethane
Concen: 0.099 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion:129 Resp: 1283

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#



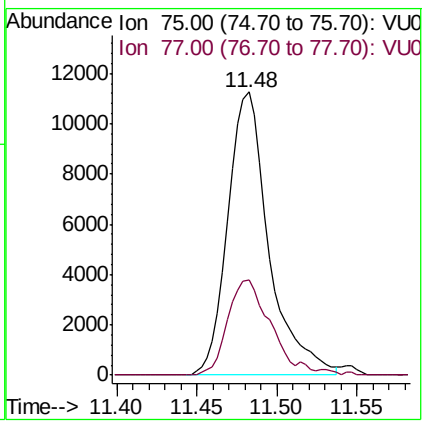


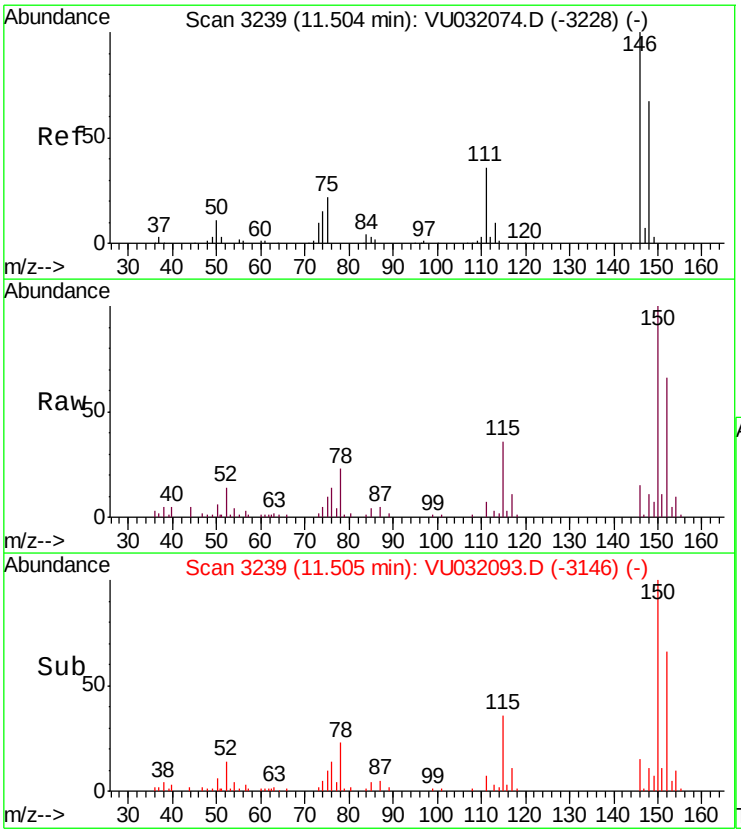
#59
1,2,3-Trichloropropane
Concen: 2.036 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Instrument : MSVOA_U
ClientSampleId : DB887

Tgt Ion: 75 Resp: 19716

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.2	39.2





#63
1,4-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032093.D
Acq: 17 May 2019 10:19

Tgt Ion:146 Resp: 5535

Ion	Ratio	Lower	Upper
146	100		
111	46.7	27.1	50.3
148	72.0	45.4	84.4