Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
Data File : VU029147.D
Acq On : 11 Jan 2019 17:30
Operator : JC/SP
Sample : K1136-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-103

Quant Time: Jan 11 23:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	165480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	287586	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	108237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	116704	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.10%			
35) Dibromofluoromethane	4.88	113	100945	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.30%			
50) Toluene-d8	7.56	98	371741	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.02%			
62) 4-Bromofluorobenzene	10.31	95	116223	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.88%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1193	Below Cal		97
5) Bromomethane	1.63	94	272	Below Cal		89
11) Tert butyl alcohol	2.84	59	175	0.337	ug/l #	73
16) Acetone	2.32	43	2908	2.257	ug/l #	87
17) Carbon Disulfide	2.48	76	1145	Below Cal	#	55
20) Methylene Chloride	2.70	84	956	0.437	ug/l	88
31) Cyclohexane	4.98	56	3314	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	12301	4.279	ug/l #	47
38) Carbon Tetrachloride	4.98	117	14686	6.126	ug/l #	17
43) Isopropyl Acetate	5.54	43	2705	0.559	ug/l #	58
51) 4-Methyl-2-Pentanone	7.47	43	943	0.286	ug/l #	79
73) Isopropylbenzene	10.17	105	2981	0.372	ug/l	98
76) 1,2,3-Trichloropropane	10.31	75	54270	20.464	ug/l #	36
78) n-propylbenzene	10.59	91	3223	0.341	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.31	75	54270	52.778	ug/l #	100
83) tert-Butylbenzene	11.10	119	1759	0.267	ug/l	90
85) sec-Butylbenzene	11.32	105	5962	0.748	ug/l	99
86) p-Isopropyltoluene	11.69	119	3198	0.471	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	952	0.241	ug/l #	72
89) n-Butylbenzene	11.89	91	2474	0.408	ug/l #	59
90) Hexachloroethane	12.23	117	300	0.262	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	1209	0.491	ug/l #	1
94) Hexachlorobutadiene	13.69	225	354	0.314	ug/l	68
95) Naphthalene	13.74	128	10621	1.268	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.99	180	1657	1.419	ug/l #	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
Data File : VU029147.D
Acq On : 11 Jan 2019 17:30
Operator : JC/SP
Sample : K1136-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Quant Time: Jan 11 23:45:00 2019
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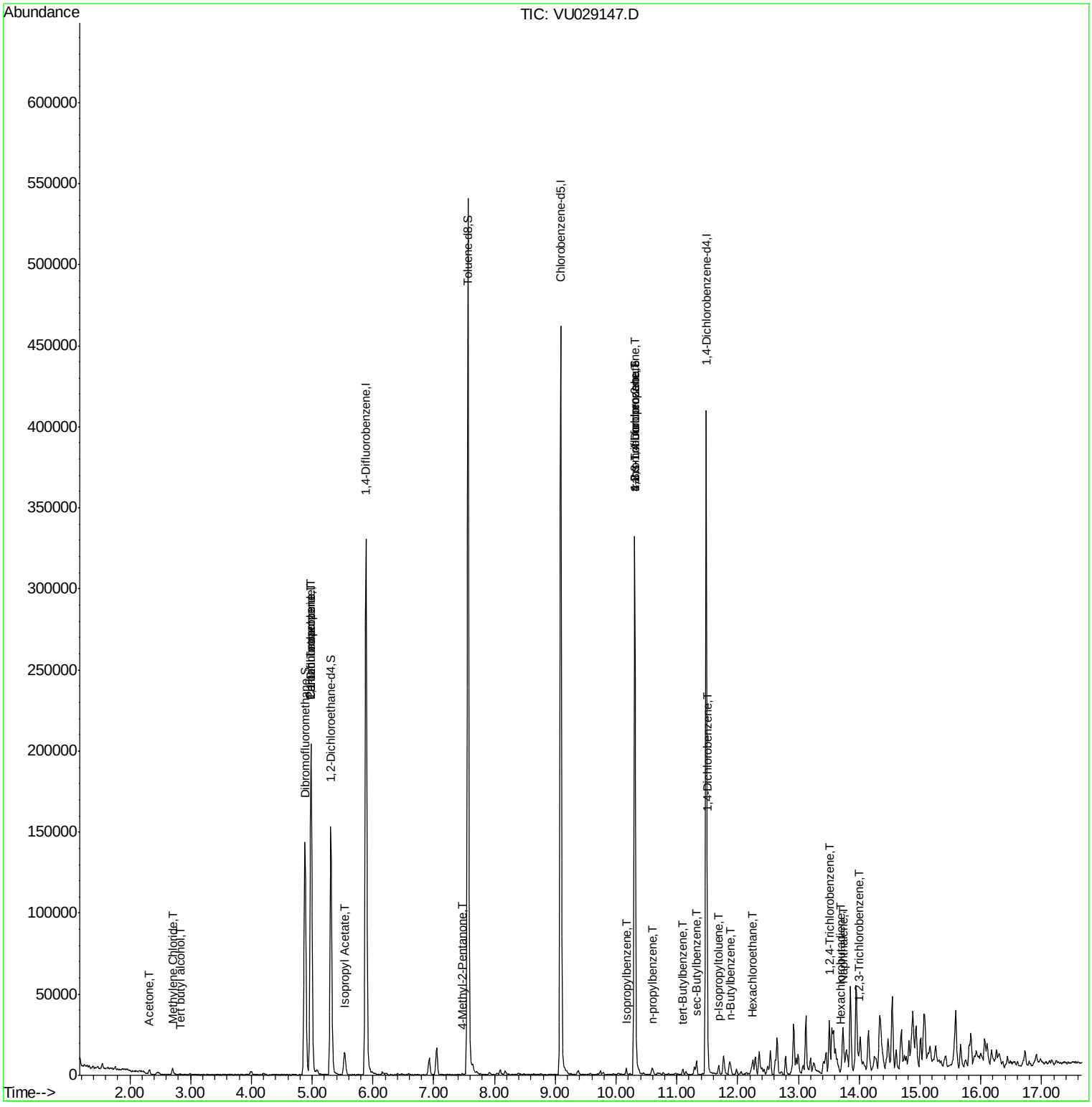
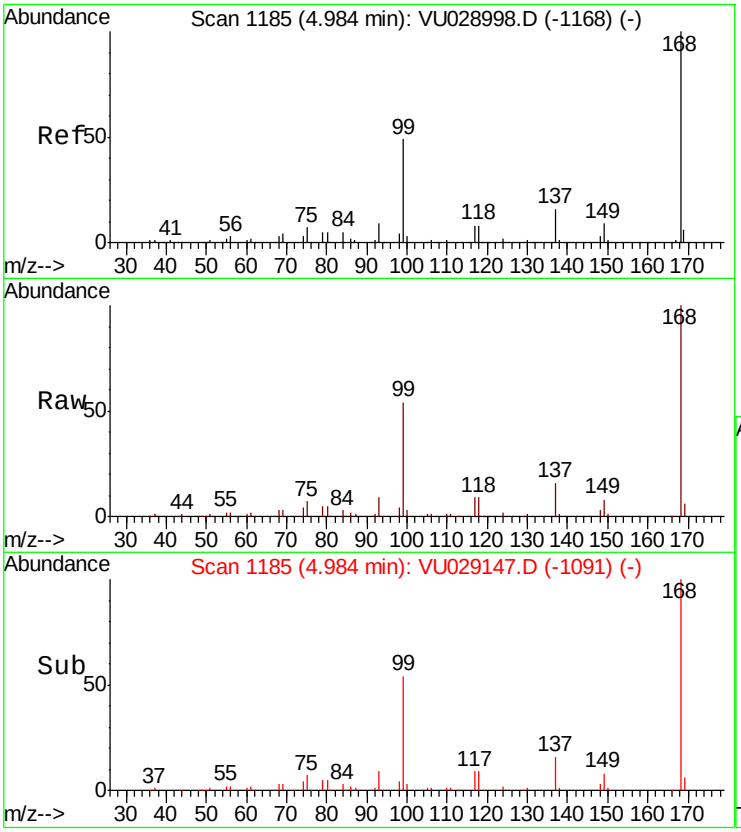
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration



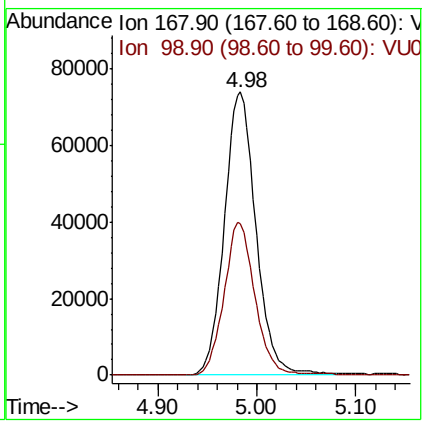


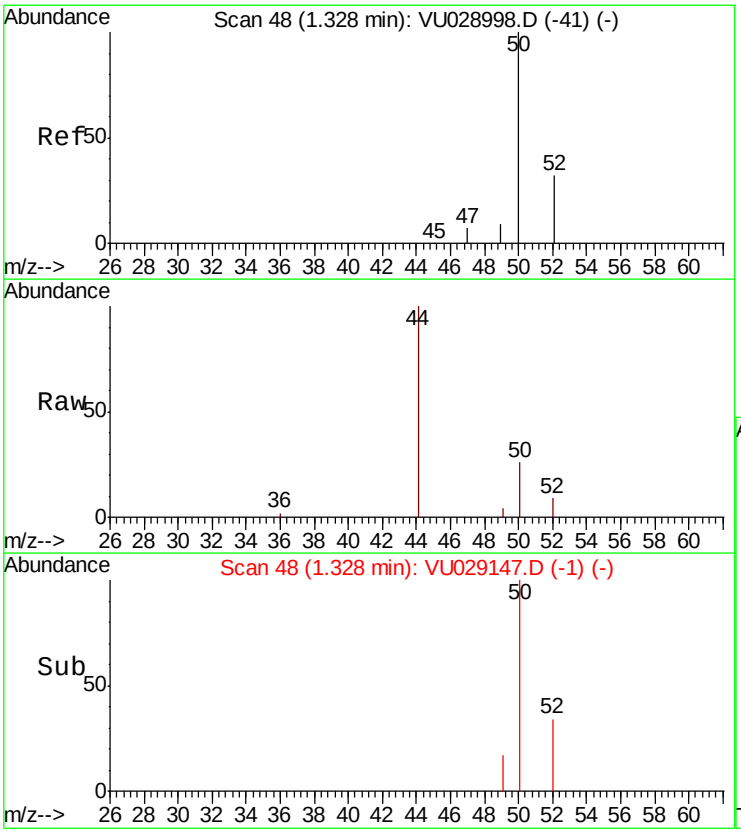
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion:168 Resp: 165480

Ion	Ratio	Lower	Upper
168	100		
99	53.7	42.0	63.0

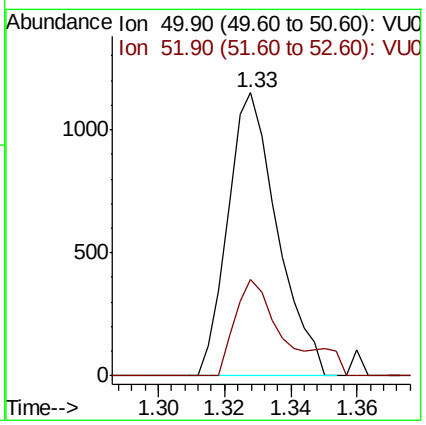


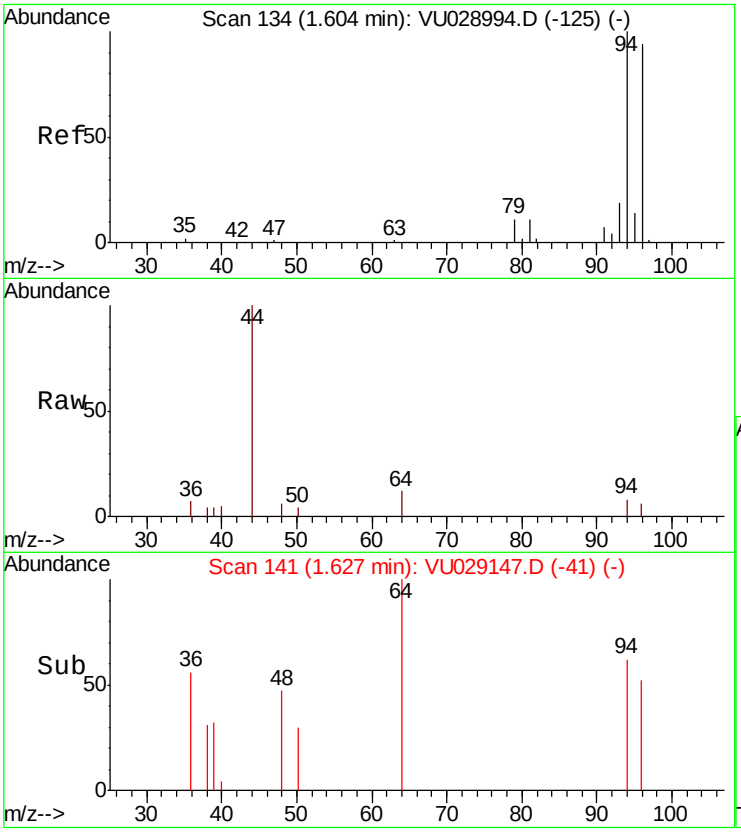


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 50 Resp: 1193

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.1	39.1



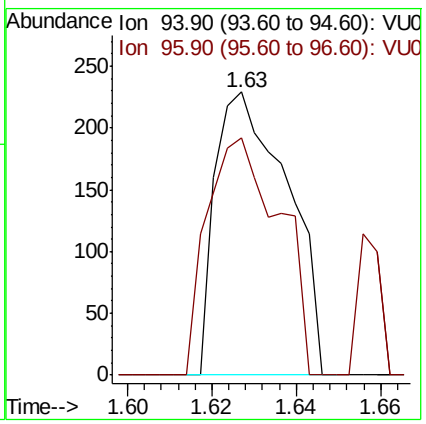


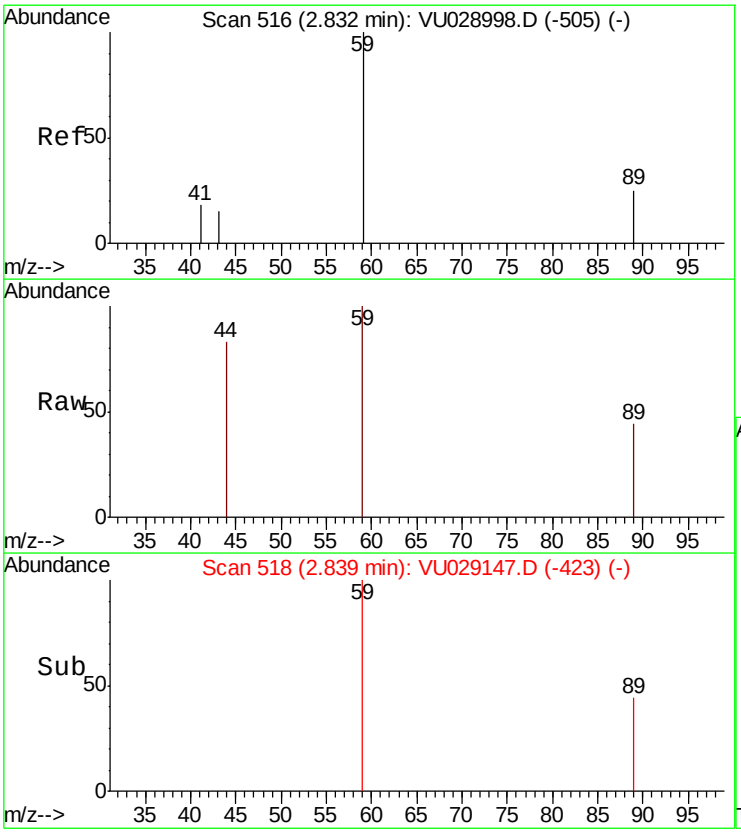
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 141
Delta R.T. 0.02 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion: 94 Resp: 272

Ion	Ratio	Lower	Upper
94	100		
96	83.8	75.5	113.3

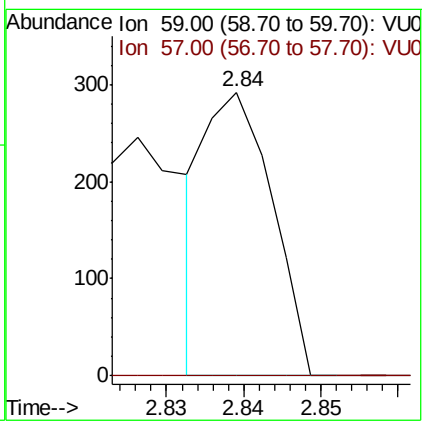


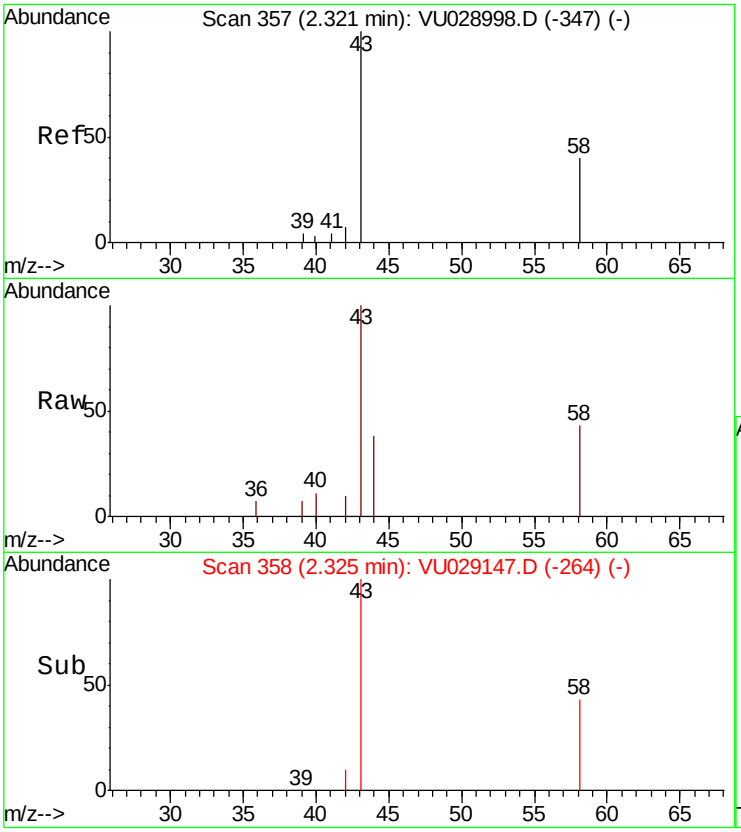


#11
Tert butyl alcohol
Concen: 0.337 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.01 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 59 Resp: 175

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



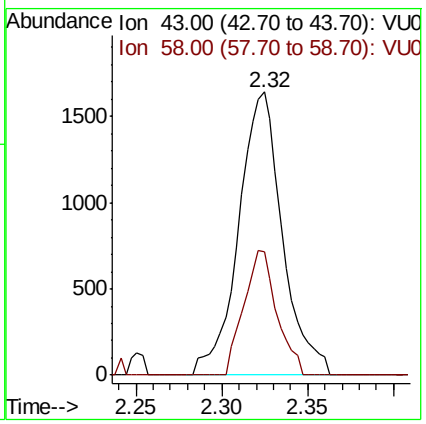


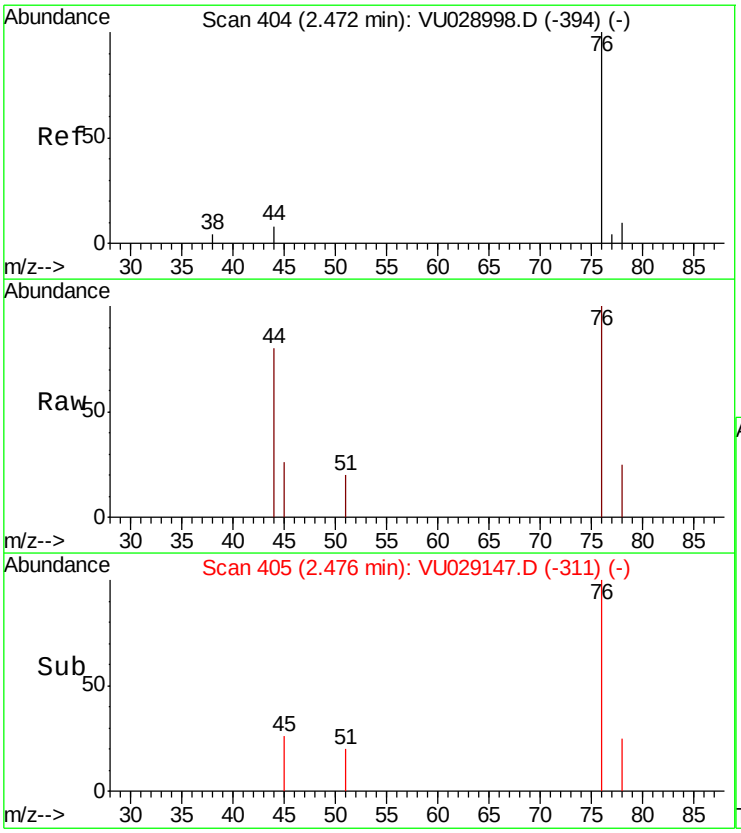
#16
Acetone
Concen: 2.257 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument : MSVOA_U
ClientSampleId : MW-103

Tgt Ion: 43 Resp: 2908

Ion	Ratio	Lower	Upper
43	100		
58	43.4	28.6	42.8#

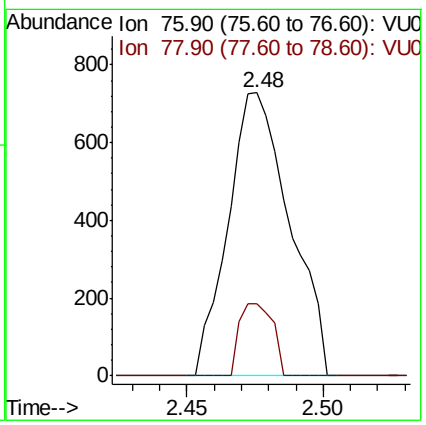


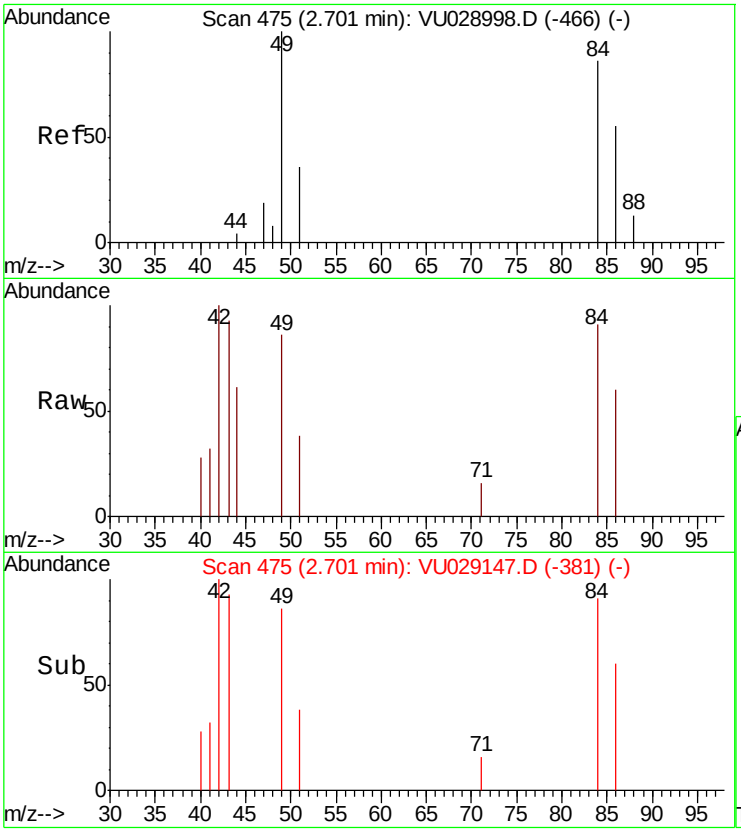


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 76 Resp: 1145

Ion	Ratio	Lower	Upper
76	100		
78	25.3	7.2	10.8#



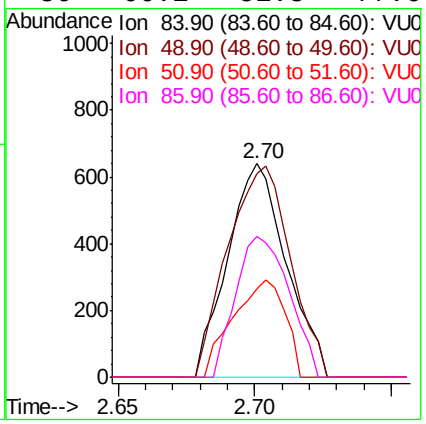


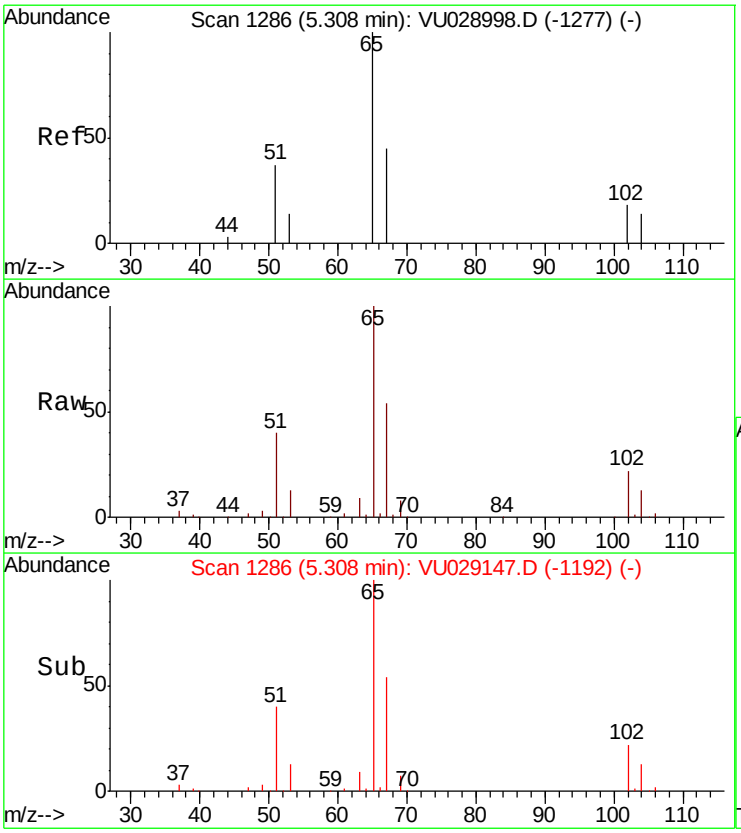
#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument : MSVOA_U
ClientSampleId : MW-103

Tgt Ion: 84 Resp: 956

Ion	Ratio	Lower	Upper
84	100		
49	95.3	91.9	137.9
51	41.4	29.2	43.8
86	66.1	51.8	77.6

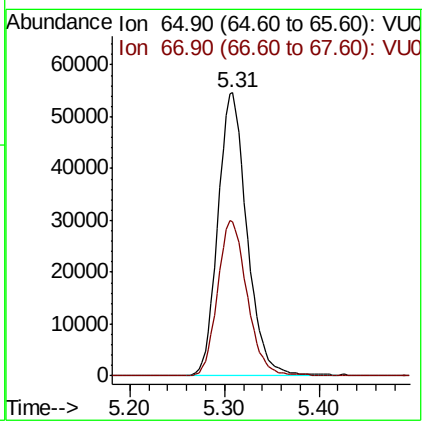


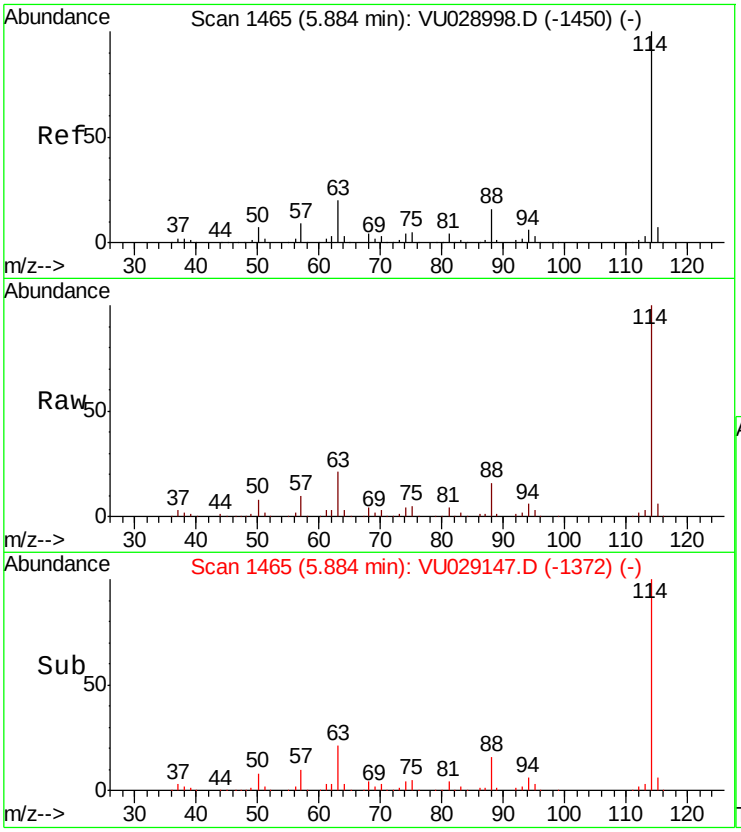


#33
1,2-Dichloroethane-d4
Concen: 57.050 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 65 Resp: 116704

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0



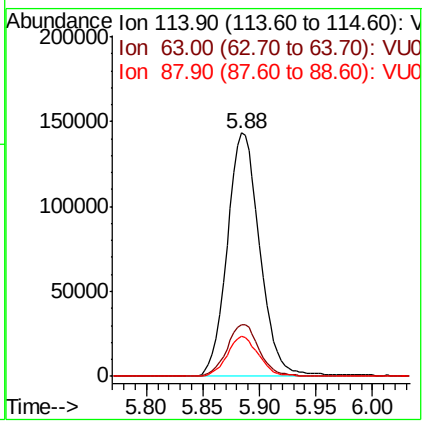


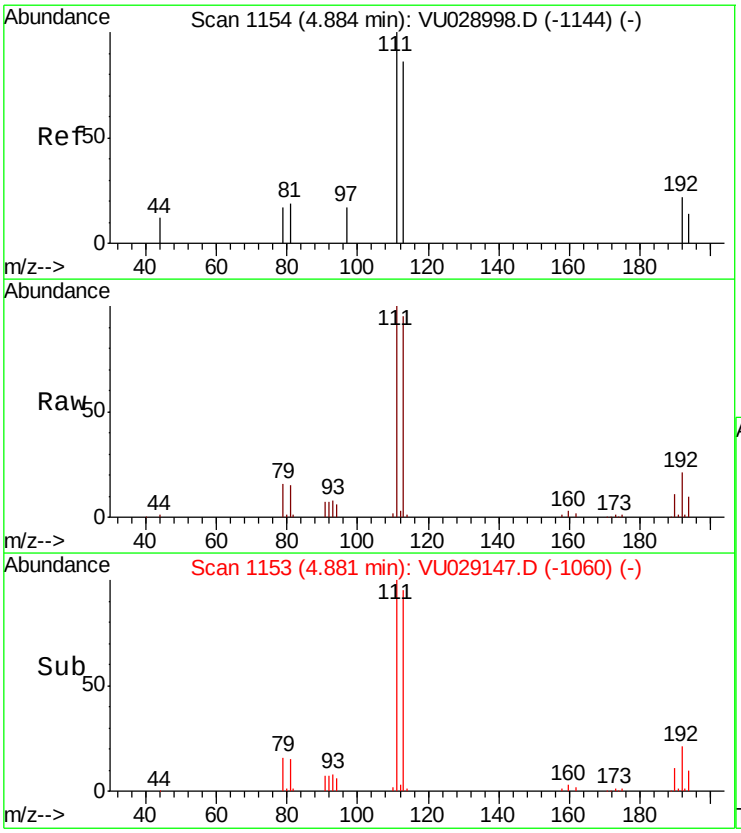
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion:114 Resp: 287586

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.2
88	16.4	0.0	30.4

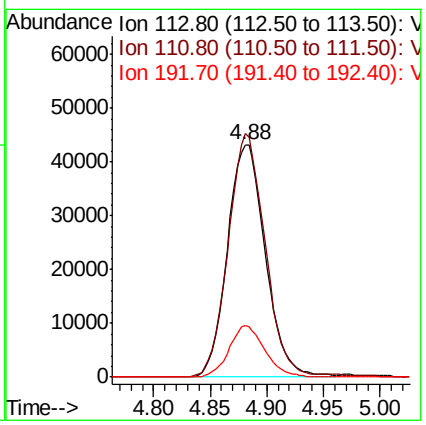


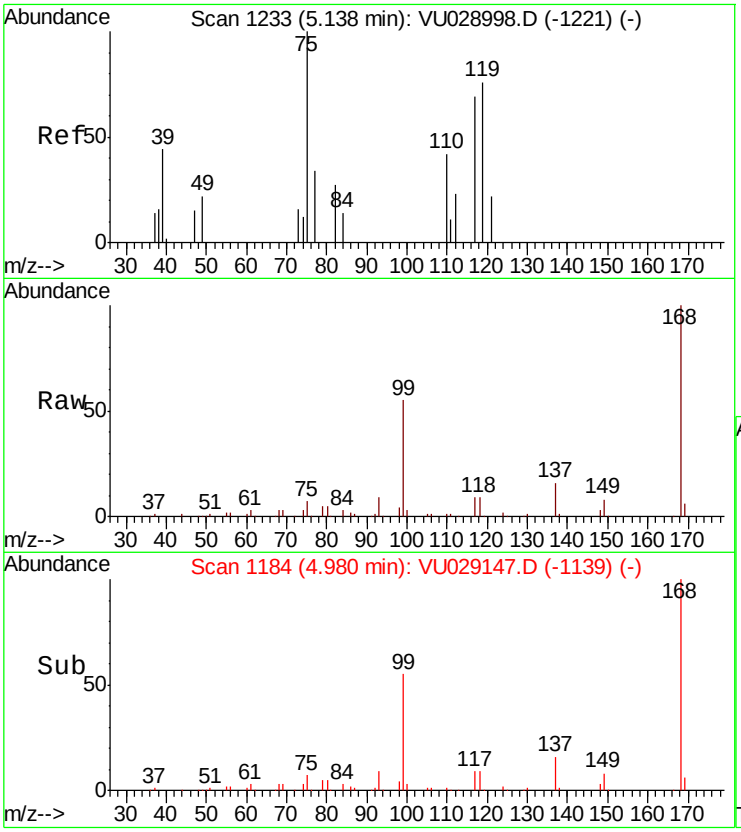


#35
Dibromofluoromethane
Concen: 54.149 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:113 Resp: 100945

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.2
192	20.8	16.8	25.2



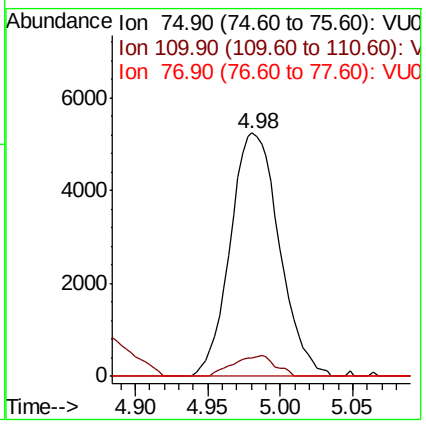


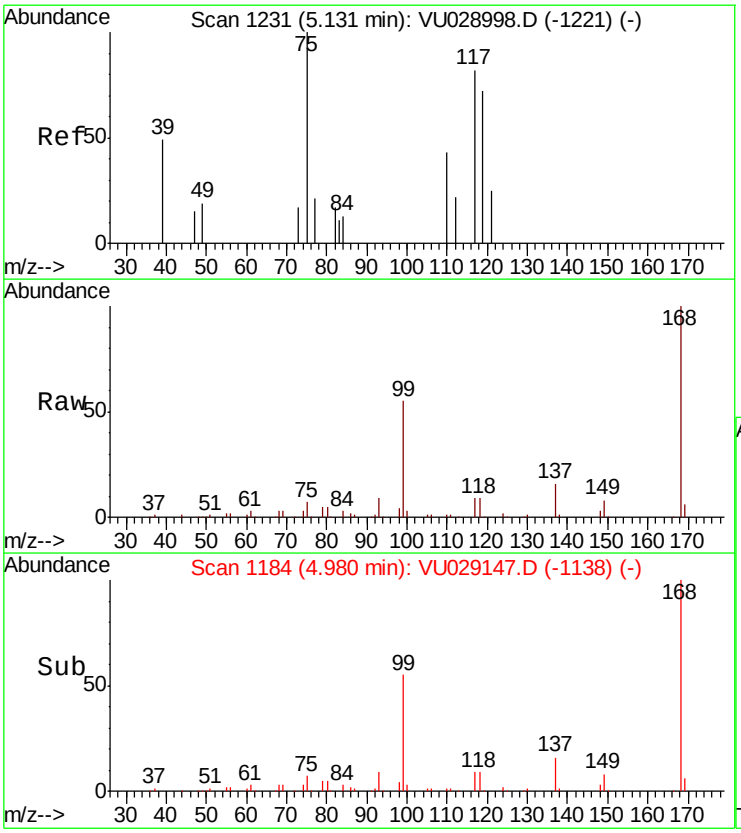
#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion: 75 Resp: 12301

Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.4	55.4#
77	0.0	25.1	37.7#

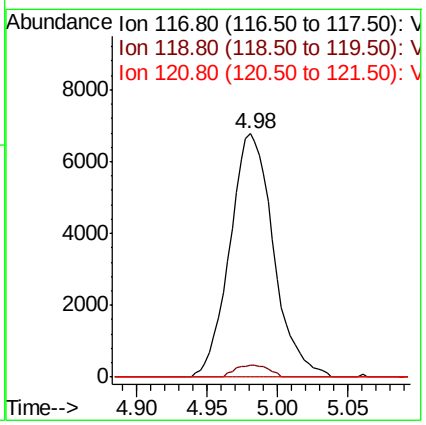


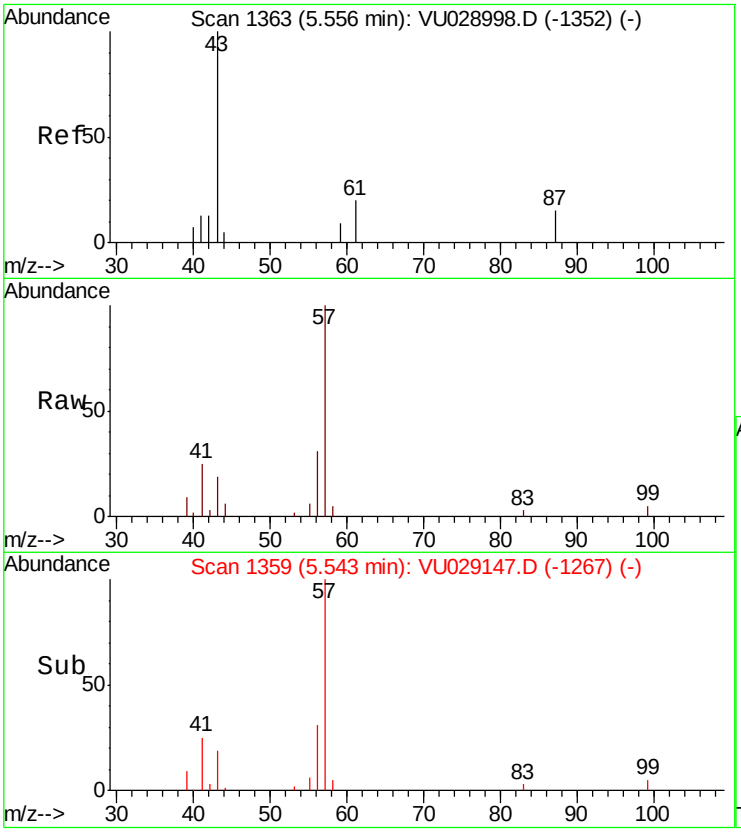


#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:117 Resp: 14686

Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.6	111.8#
121	0.0	25.0	37.6#



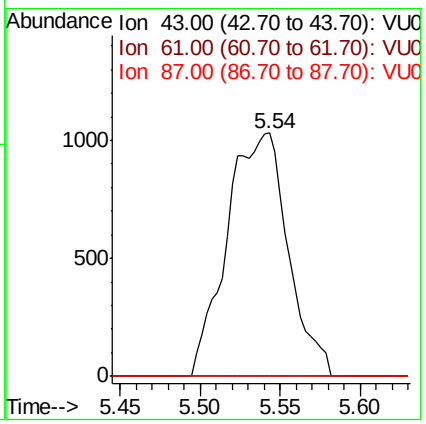


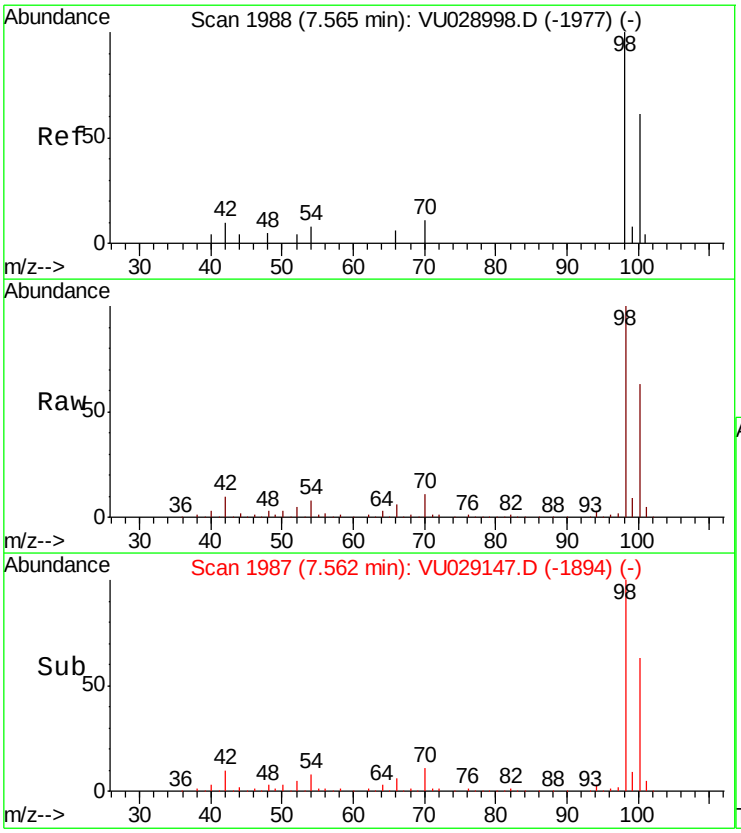
#43
Isopropyl Acetate
Concen: 0.559 ug/l
RT: 5.54 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion: 43 Resp: 2705

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	11.3	16.9#

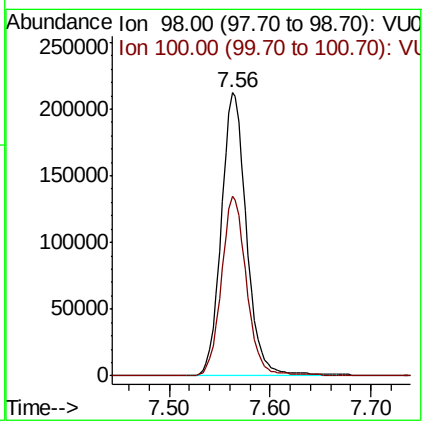


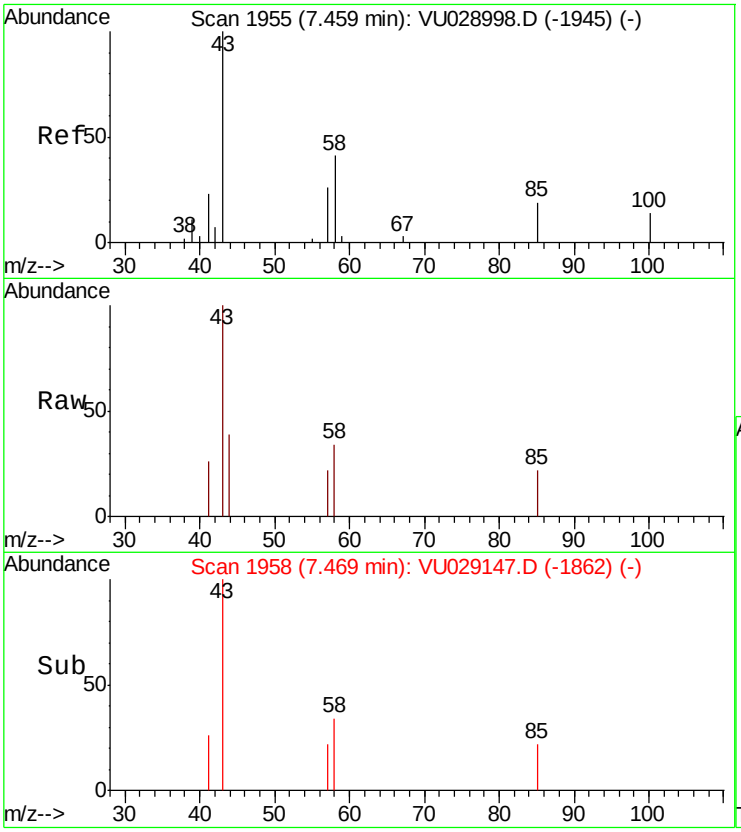


#50
Toluene-d8
Concen: 50.510 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 98 Resp: 371741

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.6	77.4



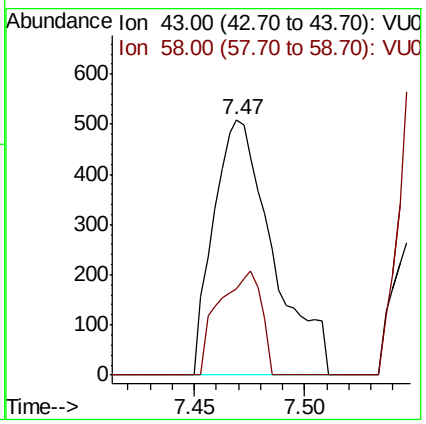


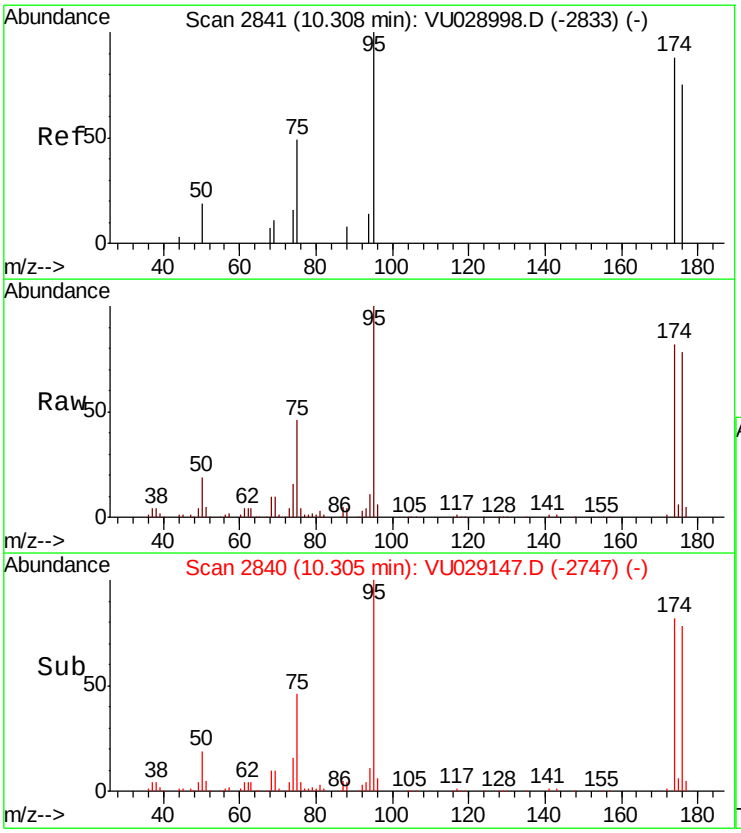
#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument : MSVOA_U
ClientSampleId : MW-103

Tgt Ion: 43 Resp: 943

Ion	Ratio	Lower	Upper
43	100		
58	29.3	33.9	50.9#

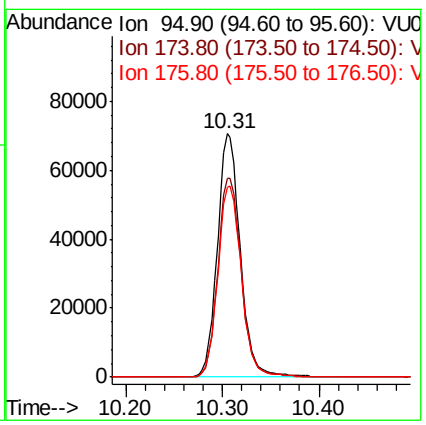


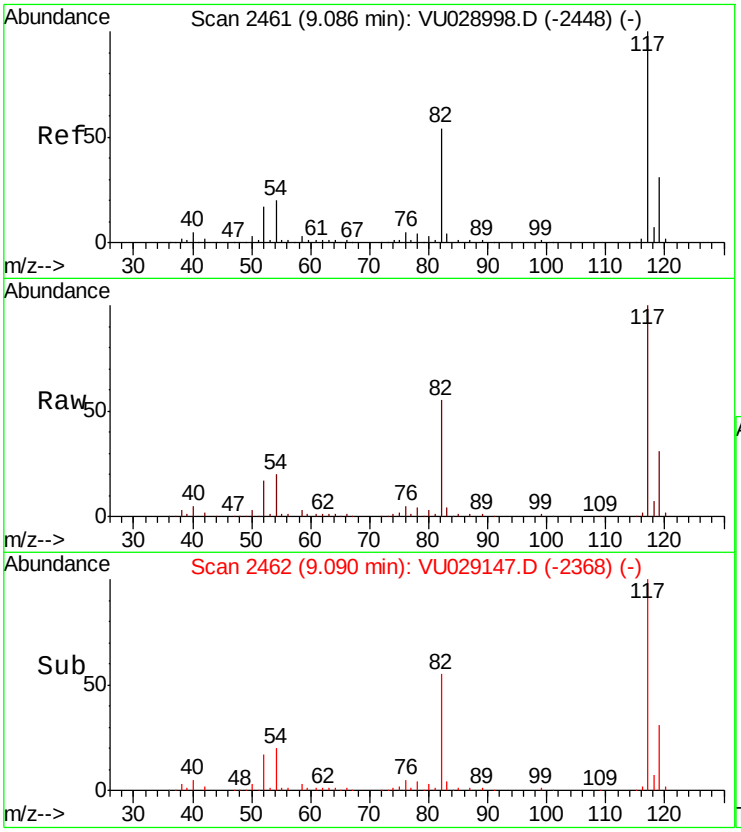


#62
4-Bromofluorobenzene
Concen: 43.942 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 95 Resp: 116223

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	170.6
176	80.3	0.0	165.0



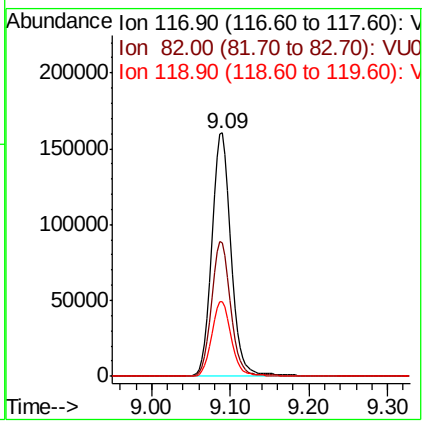


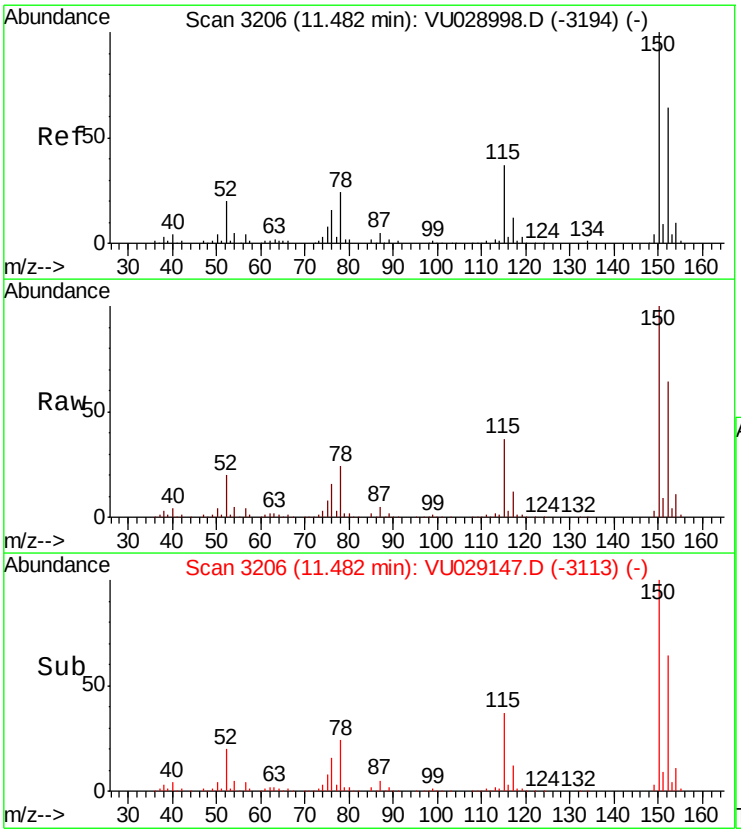
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion:117 Resp: 270958

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.9	65.9
119	30.9	26.0	39.0

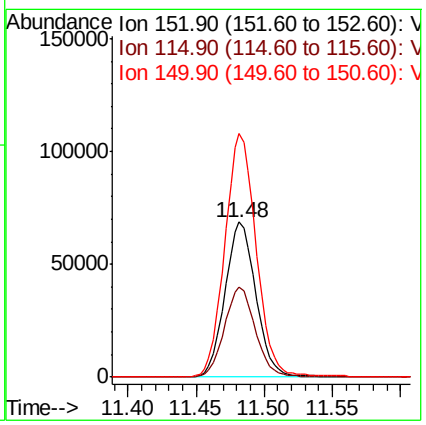


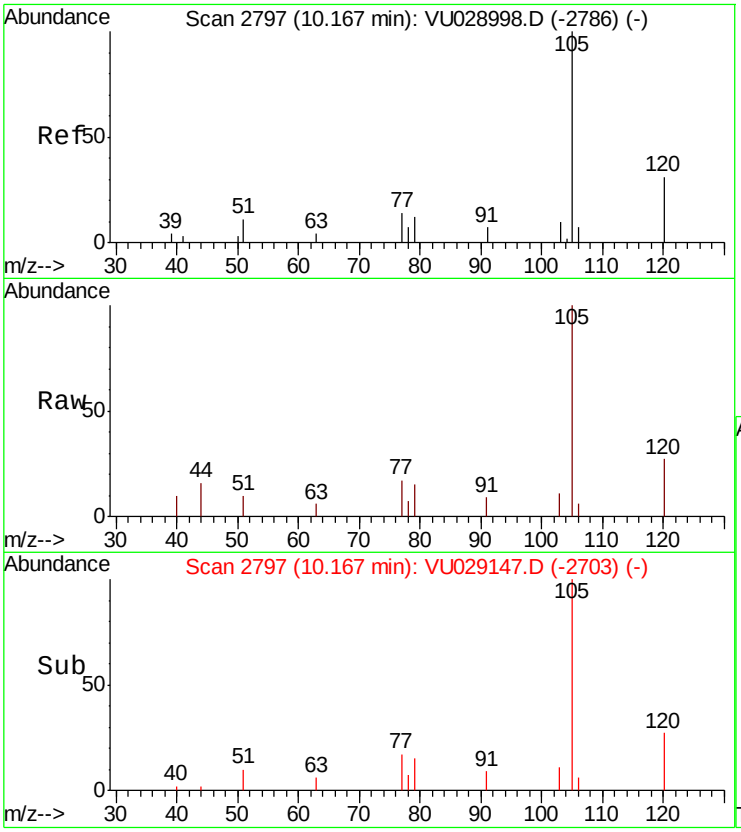


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:152 Resp: 108237

Ion	Ratio	Lower	Upper
152	100		
115	58.4	40.1	120.3
150	159.1	0.0	345.2



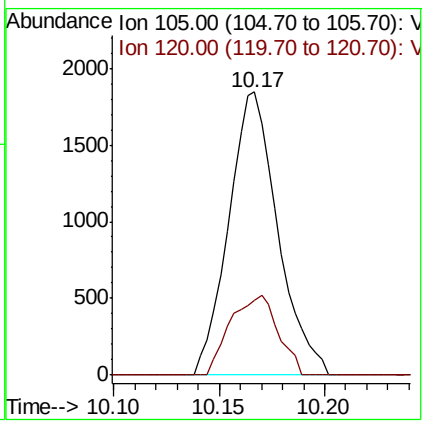


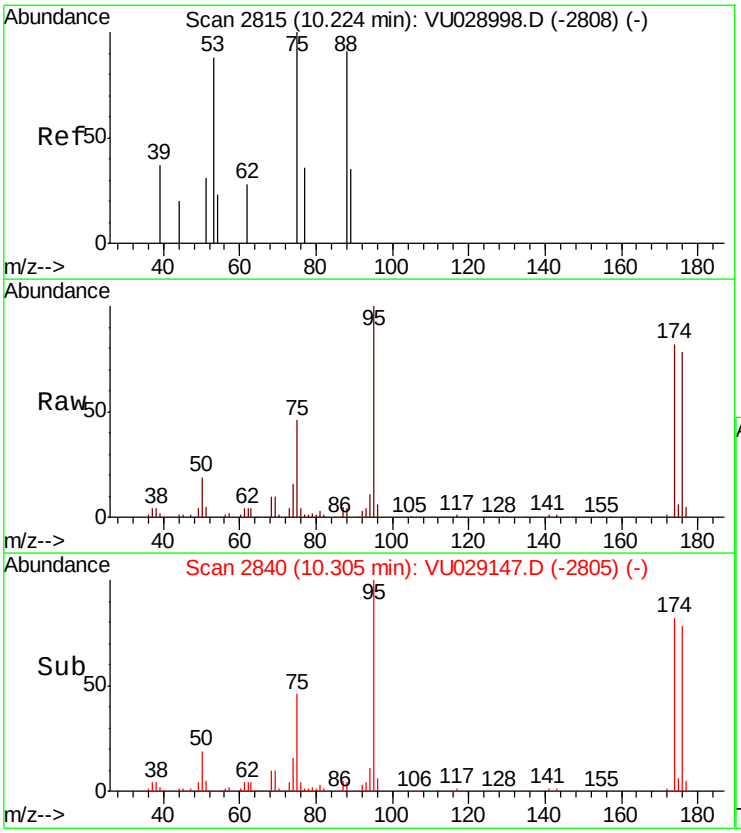
#73
Isopropylbenzene
Concen: 0.372 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument : MSVOA_U
ClientSampleId : MW-103

Tgt Ion:105 Resp: 2981

Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.2	39.5

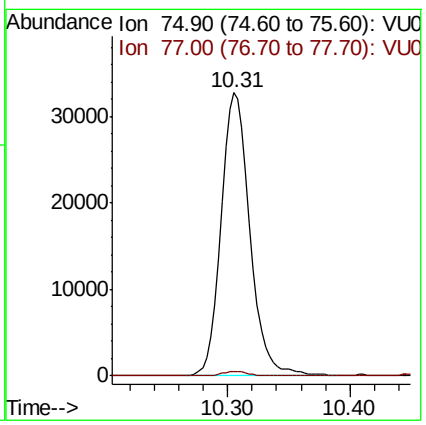


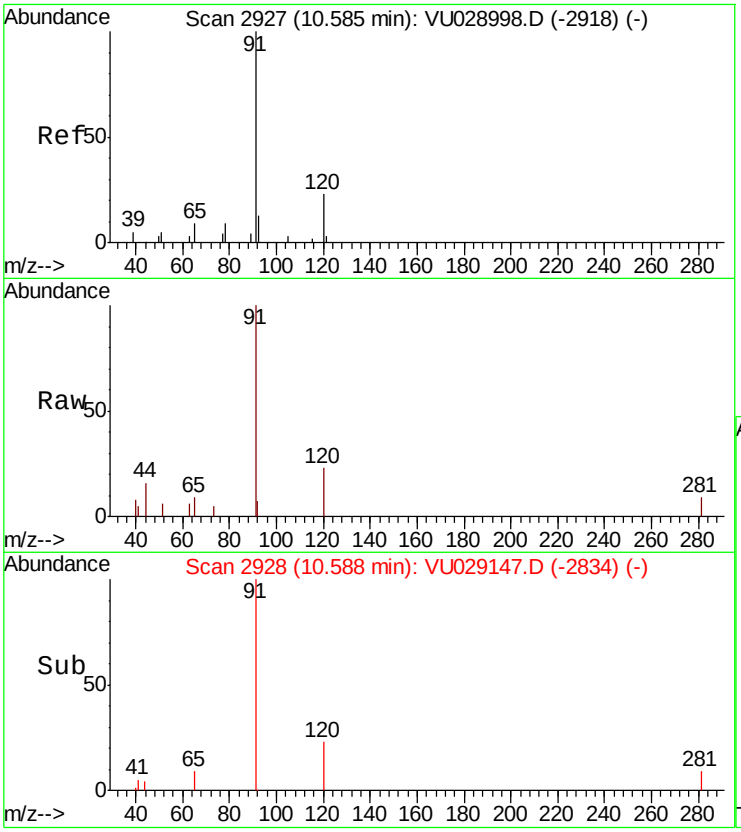


#76
1,2,3-Trichloropropane
Concen: 20.464 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 75 Resp: 54270

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.8#



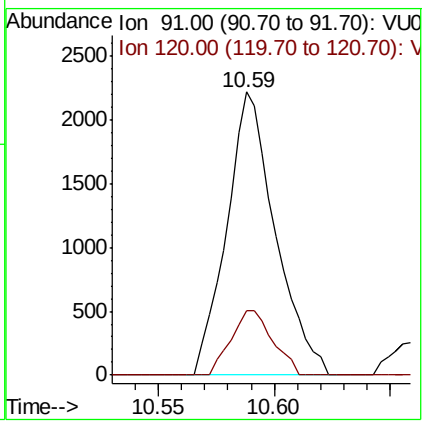


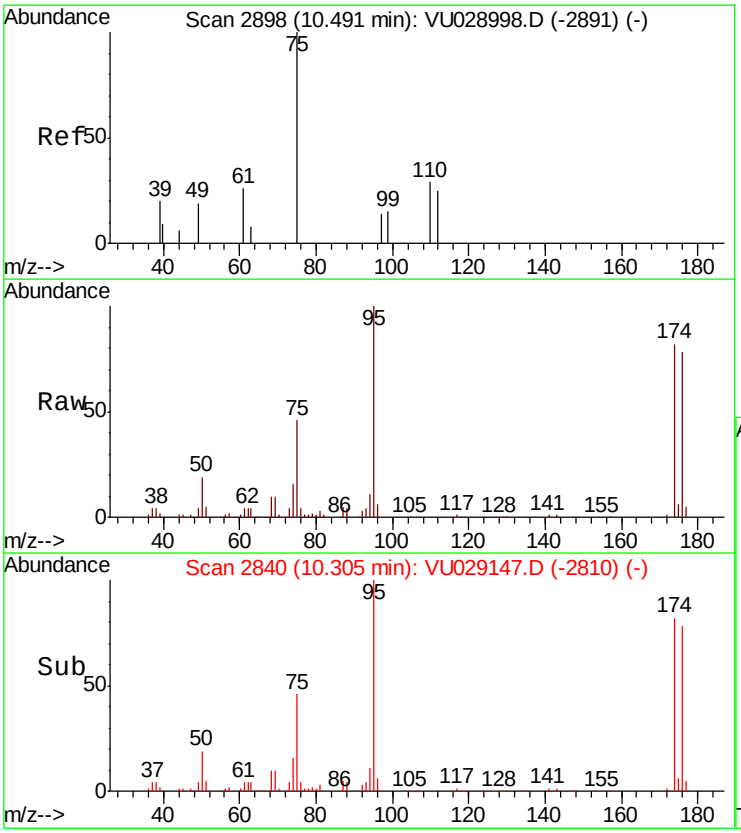
#78
n-propylbenzene
Concen: 0.341 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument : MSVOA_U
ClientSampleId : MW-103

Tgt Ion: 91 Resp: 3223

Ion	Ratio	Lower	Upper
91	100		
120	19.5	11.3	33.9

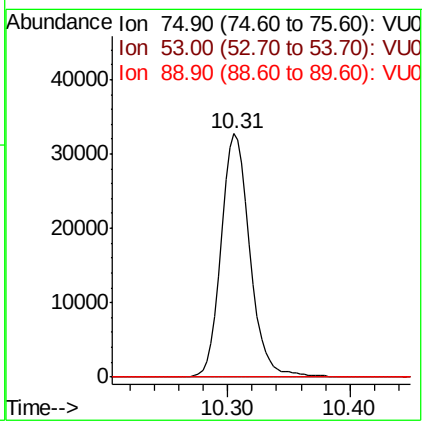


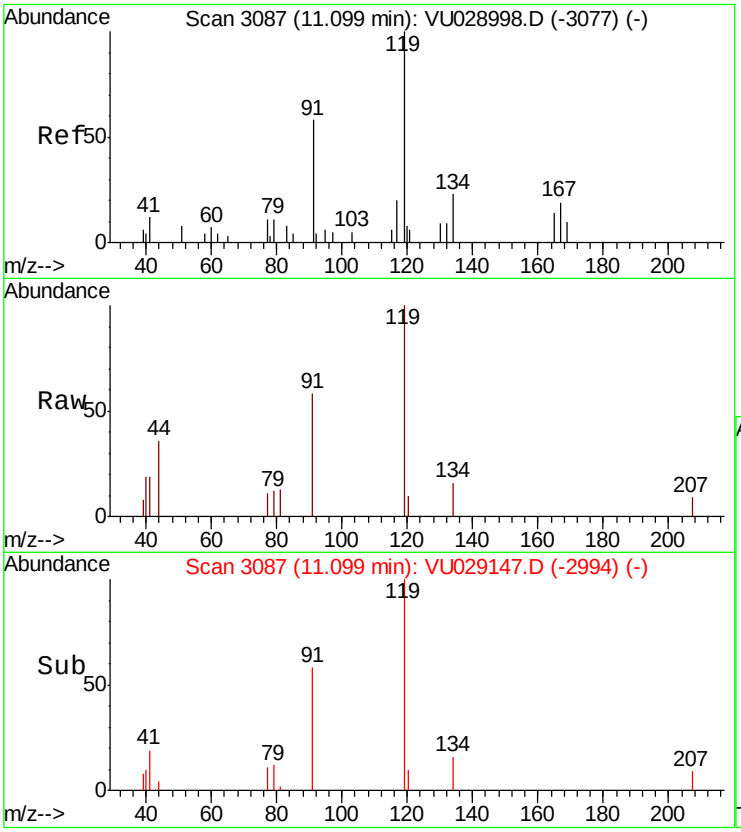


#81
trans-1,4-Dichloro-2-butene
Concen: 52.778 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion: 75 Resp: 54270

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0#
89	0.0	0.0	0.0



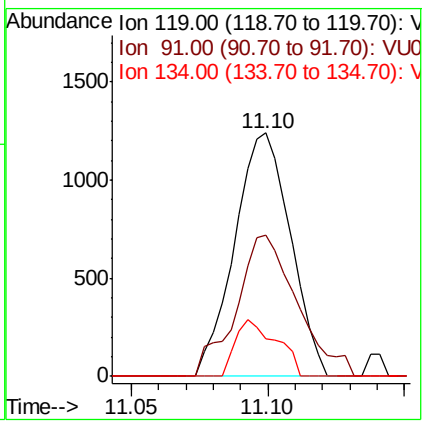


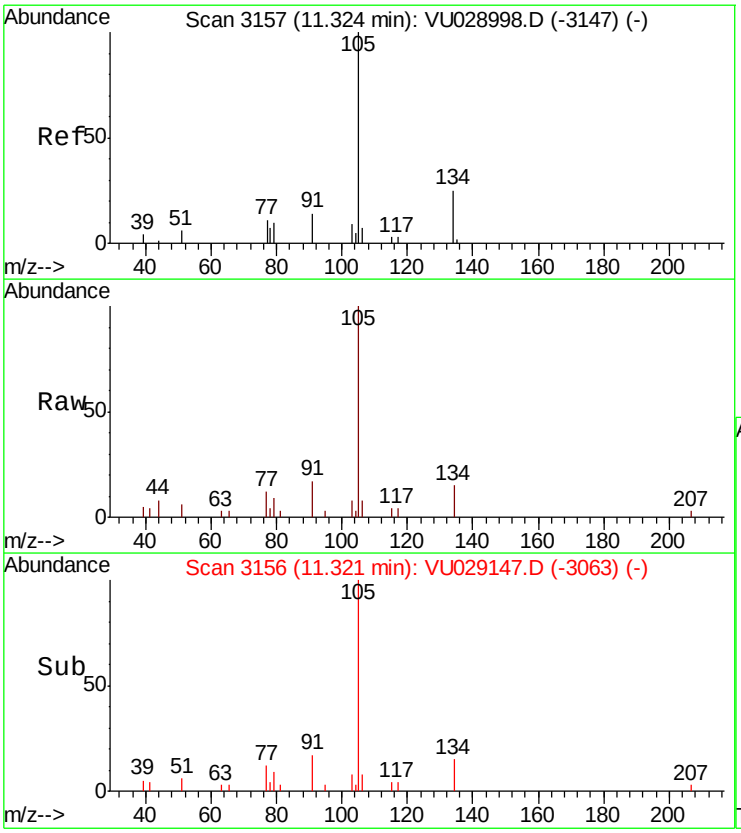
#83
tert-Butylbenzene
Concen: 0.267 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument : MSVOA_U
ClientSampleId : MW-103

Tgt Ion:119 Resp: 1759

Ion	Ratio	Lower	Upper
119	100		
91	63.1	28.2	84.6
134	17.3	11.3	33.8

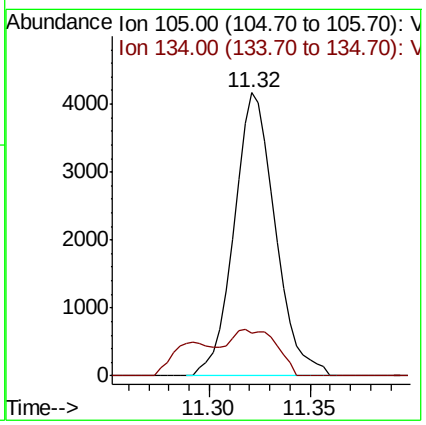


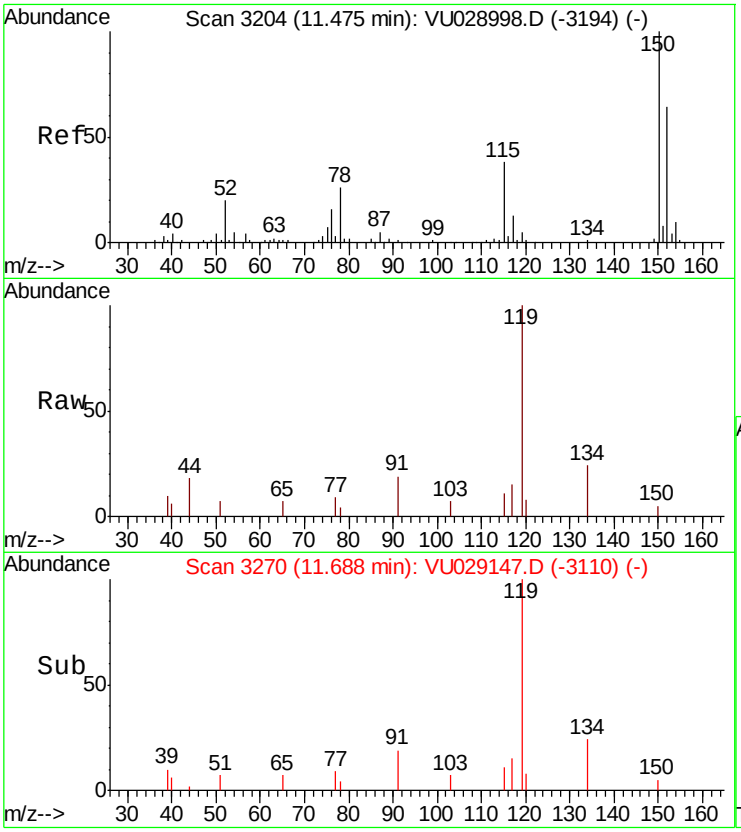


#85
sec-Butylbenzene
Concen: 0.748 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:105 Resp: 5962

Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.7	29.1



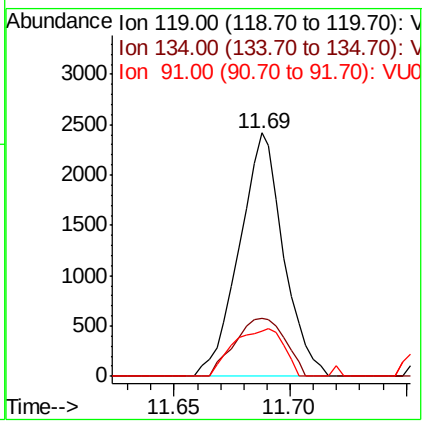


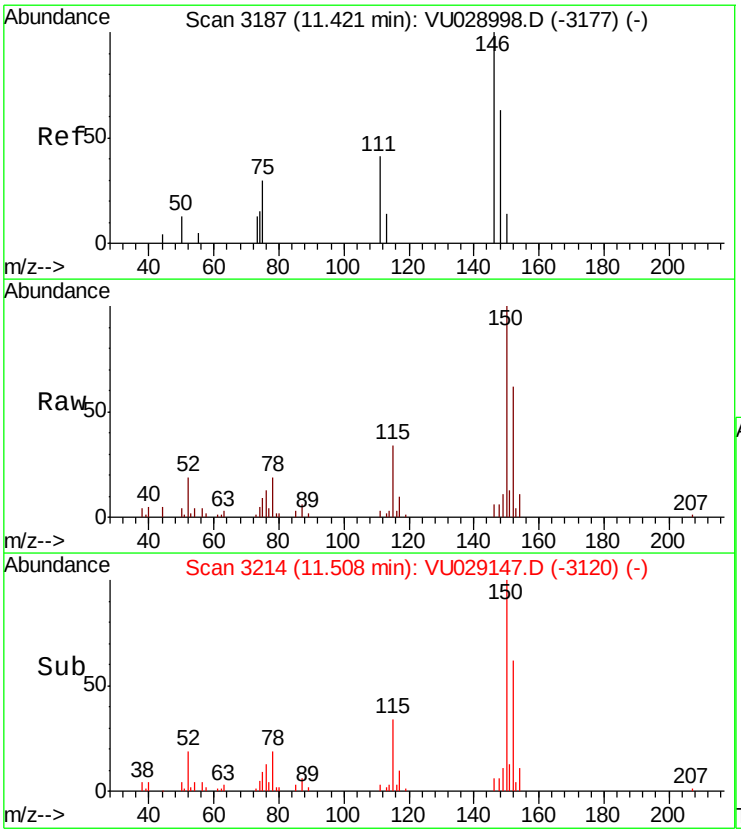
#86
p-Isopropyltoluene
Concen: 0.471 ug/l
RT: 11.69 min Scan# 3270
Delta R.T. 0.22 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion:119 Resp: 3198

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	22.3	11.3	33.8

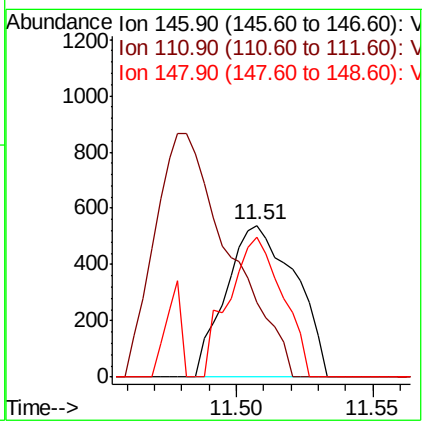


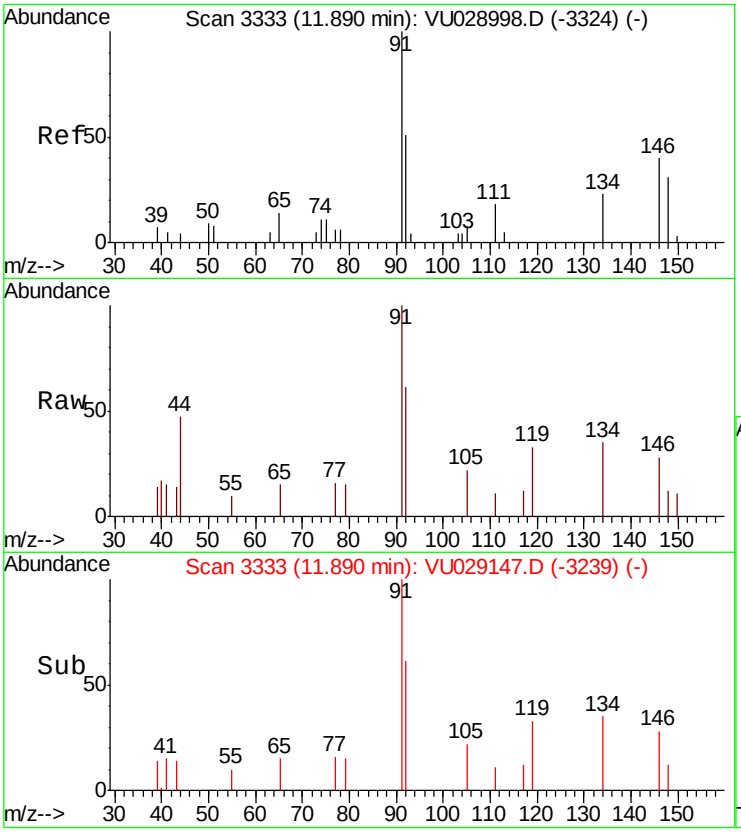


#88
1,4-Dichlorobenzene
Concen: 0.241 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:146 Resp: 952

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.1	57.3#
148	71.5	32.6	98.0



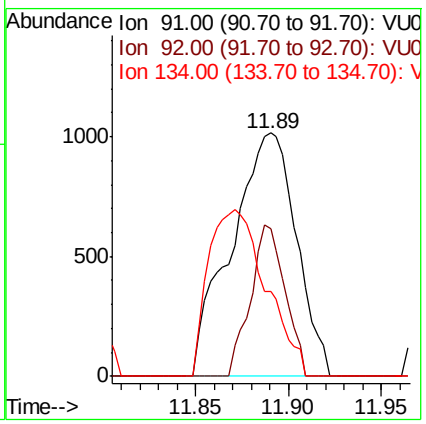


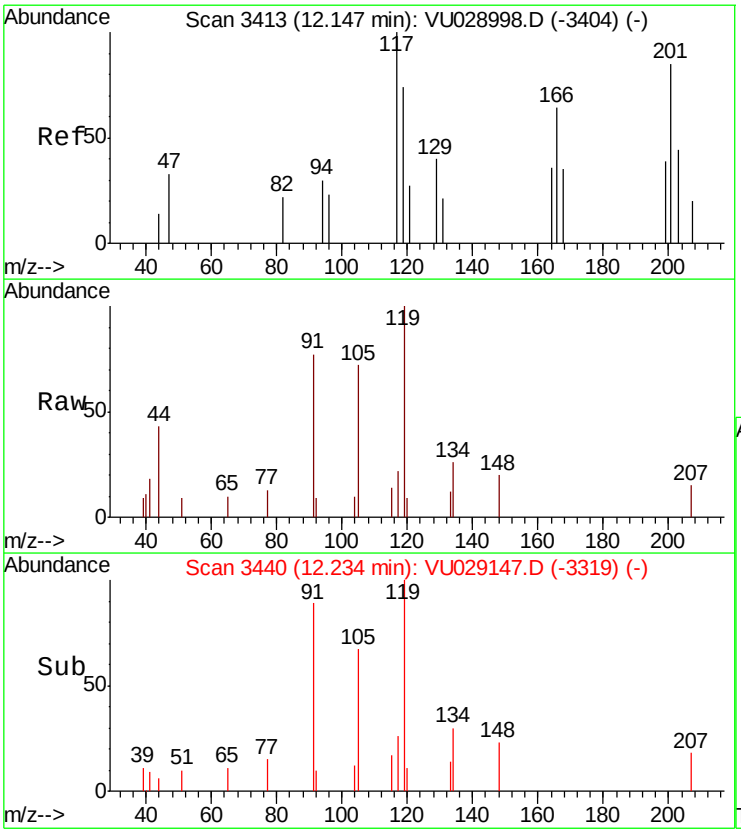
#89
n-Butylbenzene
Concen: 0.408 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion: 91 Resp: 2474

Ion	Ratio	Lower	Upper
91	100		
92	33.1	26.2	78.5
134	60.5	12.6	37.6#

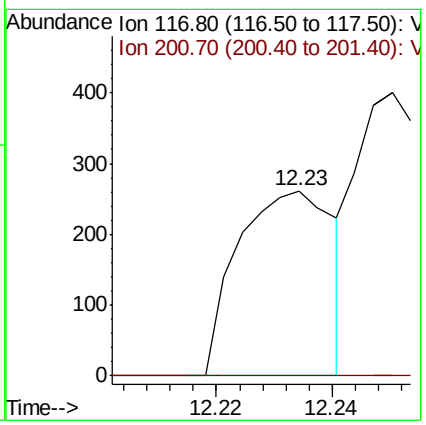


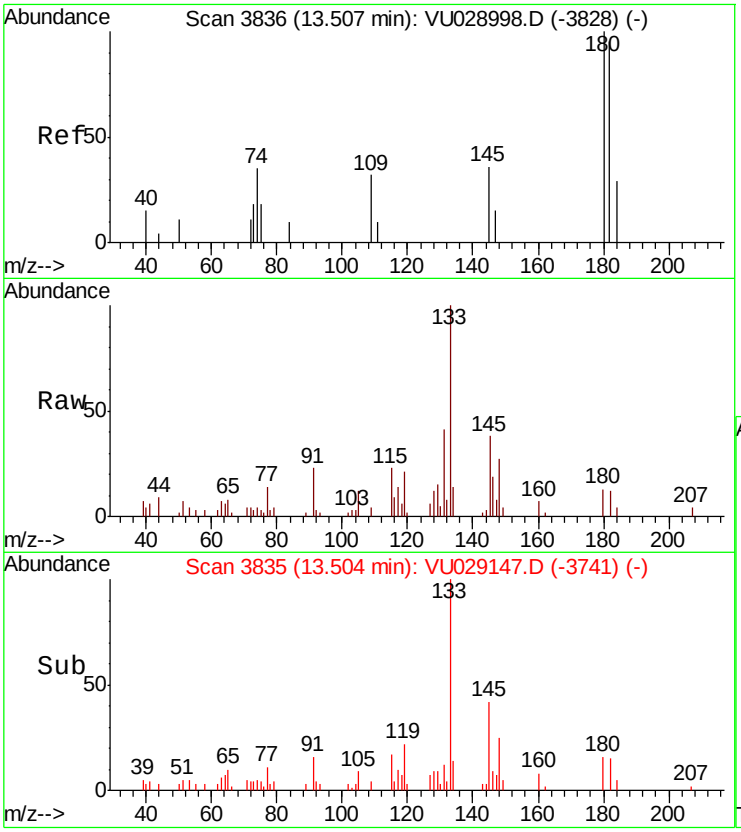


#90
Hexachloroethane
Concen: 0.262 ug/l
RT: 12.23 min Scan# 3440
Delta R.T. 0.09 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:117 Resp: 300

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.4	127.3#



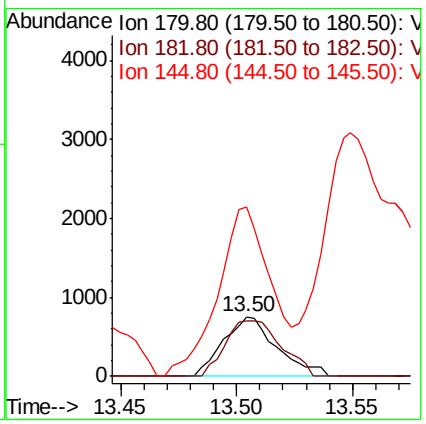


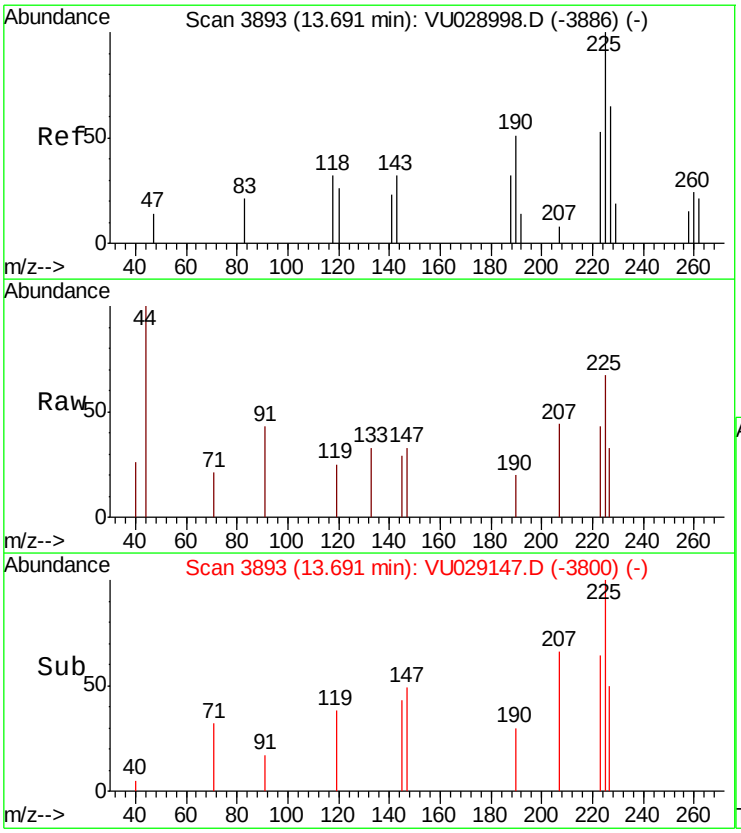
#93
1,2,4-Trichlorobenzene
Concen: 0.491 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion:180 Resp: 1209

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.5	142.6
145	279.4	14.0	42.0#

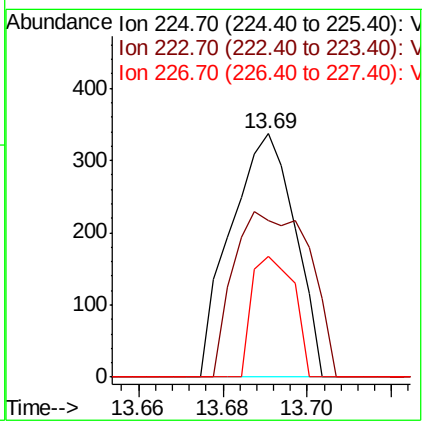


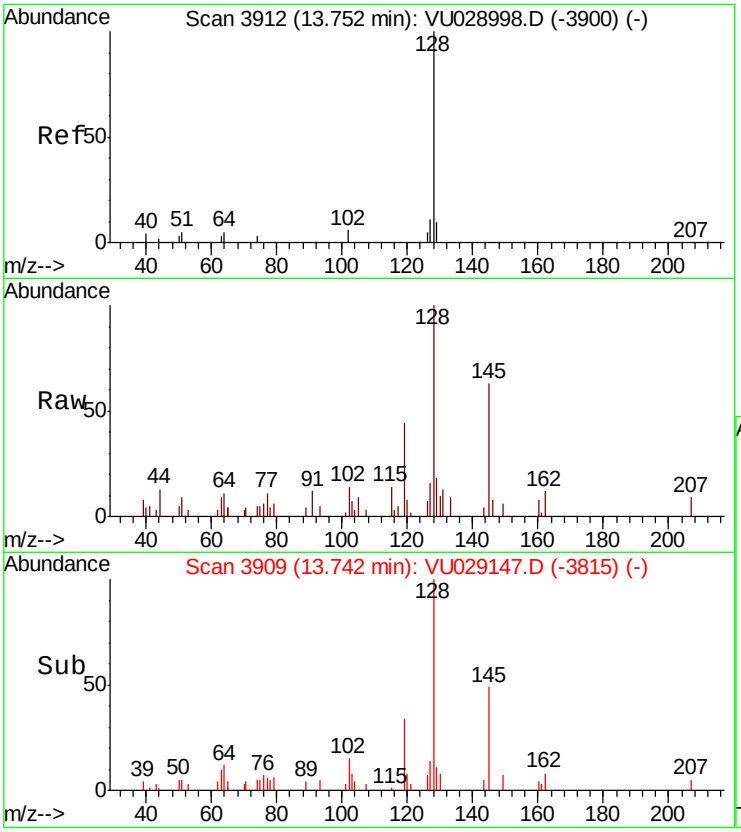


#94
Hexachlorobutadiene
Concen: 0.314 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:225 Resp: 354

Ion	Ratio	Lower	Upper
225	100		
223	80.8	31.4	94.0
227	32.5	31.9	95.5



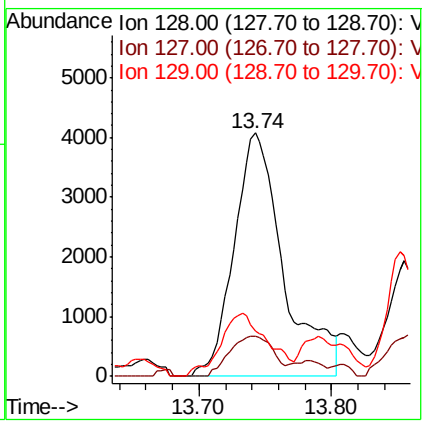


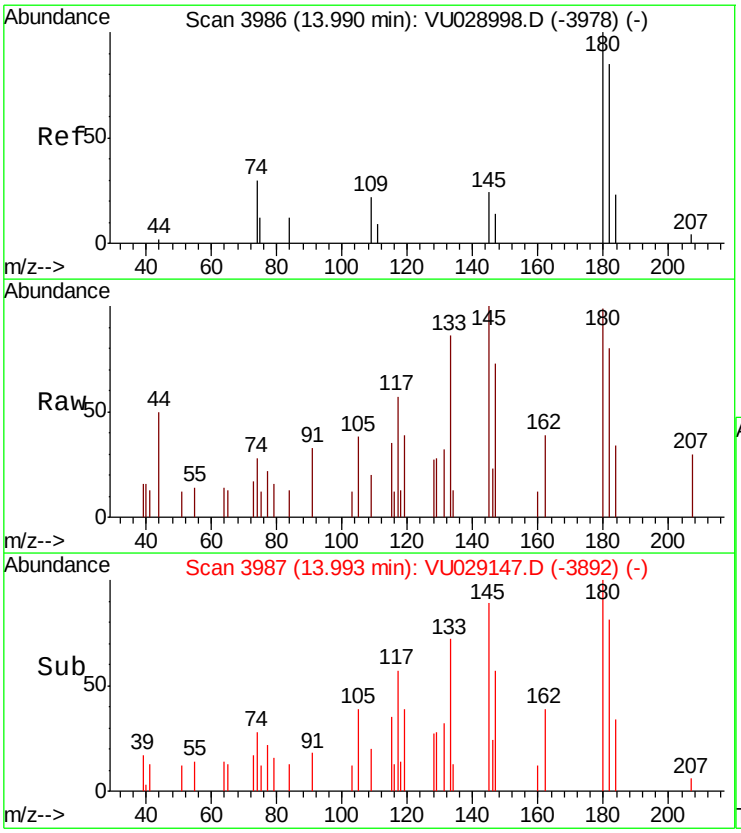
#95
Naphthalene
Concen: 1.268 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Instrument :
MSVOA_U
ClientSampleId :
MW-103

Tgt Ion:128 Resp: 10621

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.1	15.1
129	24.6	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 1.419 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU029147.D
Acq: 11 Jan 2019 17:30

Tgt Ion:180 Resp: 1657

Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.1	144.3
145	0.0	14.8	44.4#