Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072919\
Data File : VU033477.D
Acq On : 29 Jul 2019 18:51
Operator : JC/SP
Sample : MDL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
7/30/2019 3:01:07 PM

Quant Time: Jul 30 04:37:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	281215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294107	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	135815	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	125209	49.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.08%			
7) Chloroethane-d5	1.67	69	106439	50.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.90%			
11) 1,1-Dichloroethene-d2	2.25	63	172317	36.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.80%			
21) 2-Butanone-d5	4.15	46	144303	98.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.62%			
24) Chloroform-d	4.62	84	182370	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.44%			
26) 1,2-Dichloroethane-d4	5.29	65	125876	51.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.12%			
32) Benzene-d6	5.32	84	390853	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.02%			
36) 1,2-Dichloropropane-d6	6.31	67	124612	50.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.76%			
41) Toluene-d8	7.55	98	351314	47.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.66%			
43) trans-1,3-Dichloropropene-	7.83	79	52811	44.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.26%			
47) 2-Hexanone-d5	8.30	63	101689	99.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.96%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	180781	48.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.20%			
66) 1,2-Dichlorobenzene-d4	11.85	152	135704	52.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	7384	2.632	ug/L	96
3) Chloromethane	1.32	50	7576	2.704	ug/L	96
5) Vinyl chloride	1.40	62	8693	2.714	ug/L #	71
6) Bromomethane	1.62	94	5593	2.498	ug/L	97
8) Chloroethane	1.69	64	5365	2.730	ug/L	100
9) Trichlorofluoromethane	1.87	101	11594	2.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	6974	3.303	ug/L #	81
12) 1,1-Dichloroethene	2.27	96	6724	3.268	ug/L #	1
13) Acetone	2.31	43	7315	5.044	ug/L	98
14) Carbon disulfide	2.46	76	16566	2.703	ug/L	100
15) Methyl Acetate	2.60	43	6552	2.817	ug/L	98
16) Methylene chloride	2.68	84	6411	2.836	ug/L	96
17) trans-1,2-Dichloroethene	2.97	96	5382	2.634	ug/L	93
18) Methyl tert-butyl Ether	2.98	73	14844	2.461	ug/L	96
19) 1,1-Dichloroethane	3.42	63	11005	2.860	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	5945	2.636	ug/L	90
22) 2-Butanone	4.25	43	8005m	4.646	ug/L	

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ALS Vial : 16 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	3208	2.678 ug/L #	89
25) Chloroform	4.65	83	21466	5.262 ug/L	100
27) 1,2-Dichloroethane	5.38	62	8553	2.700 ug/L	97
29) Cyclohexane	4.97	56	7011	2.170 ug/L	92
30) 1,1,1-Trichloroethane	4.89	97	9111	2.602 ug/L	98
31) Carbon tetrachloride	5.12	117	7902	2.535 ug/L	96
33) Benzene	5.37	78	22946	2.610 ug/L	100
34) Trichloroethene	6.17	95	6003	2.621 ug/L	97
35) Methylcyclohexane	6.40	83	7866	2.259 ug/L	99
37) 1,2-Dichloropropane	6.41	63	6166	2.608 ug/L #	94
38) Bromodichloromethane	6.74	83	8028	2.579 ug/L	94
39) cis-1,3-Dichloropropene	7.26	75	8302	2.355 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	14259	4.576 ug/L	99
42) Toluene	7.62	91	24161	2.554 ug/L	96
44) trans-1,3-Dichloropropene	7.86	75	8234m	2.573 ug/L	
45) 1,1,2-Trichloroethane	8.05	97	5798	2.571 ug/L	97
46) Tetrachloroethene	8.21	164	4442	2.383 ug/L	94
48) 2-Hexanone	8.35	43	17993	7.088 ug/L #	89
49) Dibromochloromethane	8.46	129	6304	2.497 ug/L	96
50) 1,2-Dibromoethane	8.57	107	6259	2.559 ug/L #	96
51) Chlorobenzene	9.10	112	15830	2.519 ug/L	96
52) Ethylbenzene	9.23	91	23914	2.332 ug/L	97
53) m,p-Xylene	9.36	106	8362	2.168 ug/L	99
54) o-xylene	9.77	106	7735	2.046 ug/L	94
55) Styrene	9.78	104	13119	2.045 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.44	83	11377	2.838 ug/L	99
59) Bromoform	9.94	173	4755	2.799 ug/L #	92
60) 1,2,3-Trichloropropane	10.48	75	8279	2.992 ug/L	95
61) Isopropylbenzene	10.15	105	21026	2.417 ug/L	98
62) 1,3,5-Trimethylbenzene	10.76	105	15212	2.158 ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	14333	2.050 ug/L	98
64) 1,3-Dichlorobenzene	11.40	146	10750	2.424 ug/L	96
65) 1,4-Dichlorobenzene	11.49	146	12289	2.683 ug/L	97
67) 1,2-Dichlorobenzene	11.86	146	12117	2.727 ug/L	93
68) 1,2-Dibromo-3-chloropropan	12.64	75	2008	2.610 ug/L #	77
69) 1,3,5-Trichlorobenzene	12.88	180	7646	2.271 ug/L	98
70) 1,2,4-trichlorobenzene	13.50	180	5316m	1.892 ug/L	
71) Naphthalene	13.74	128	11719	1.442 ug/L	97
72) 1,2,3-Trichlorobenzene	13.98	180	5620	1.909 ug/L	90

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

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ClientSampleId :
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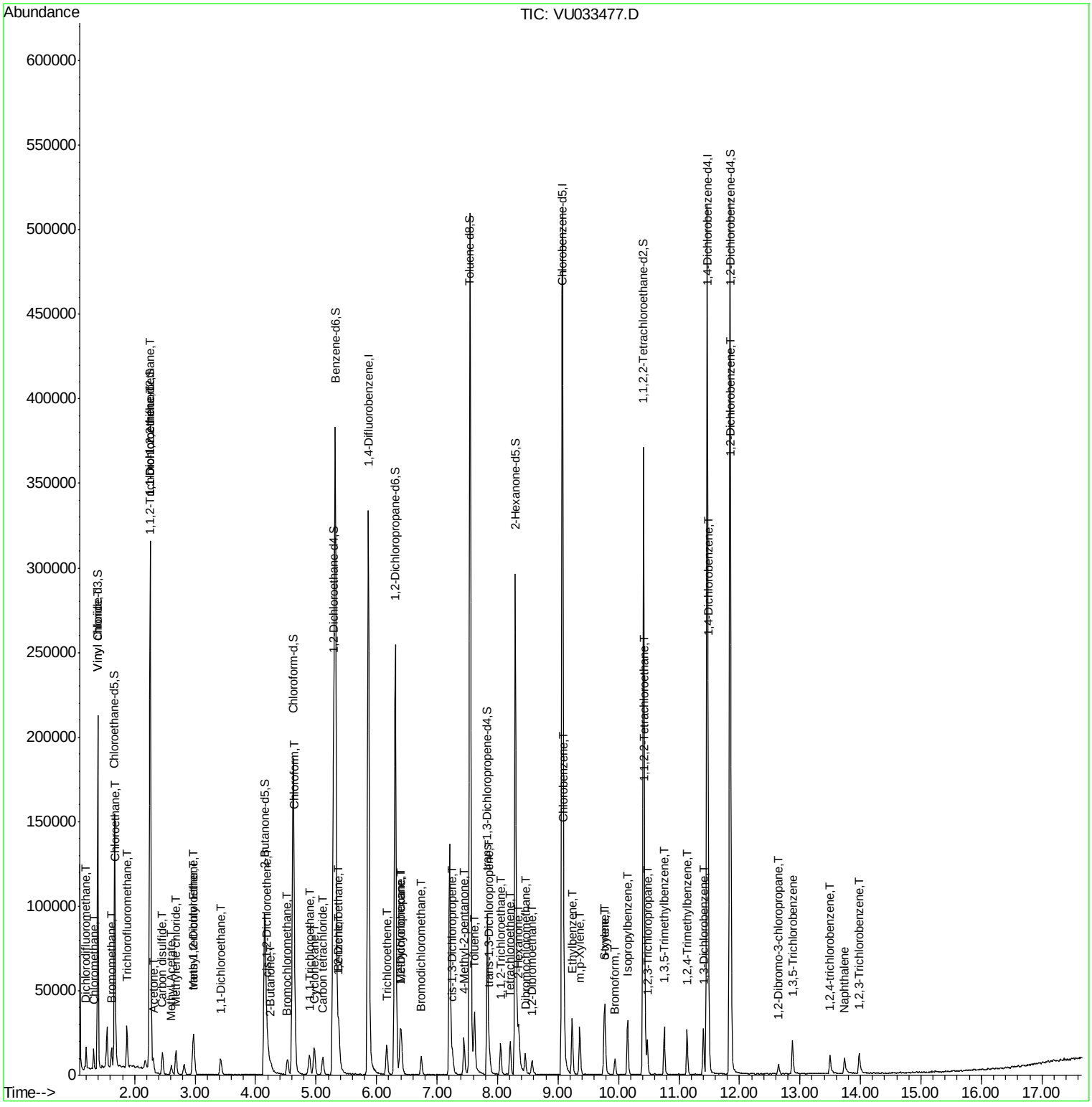
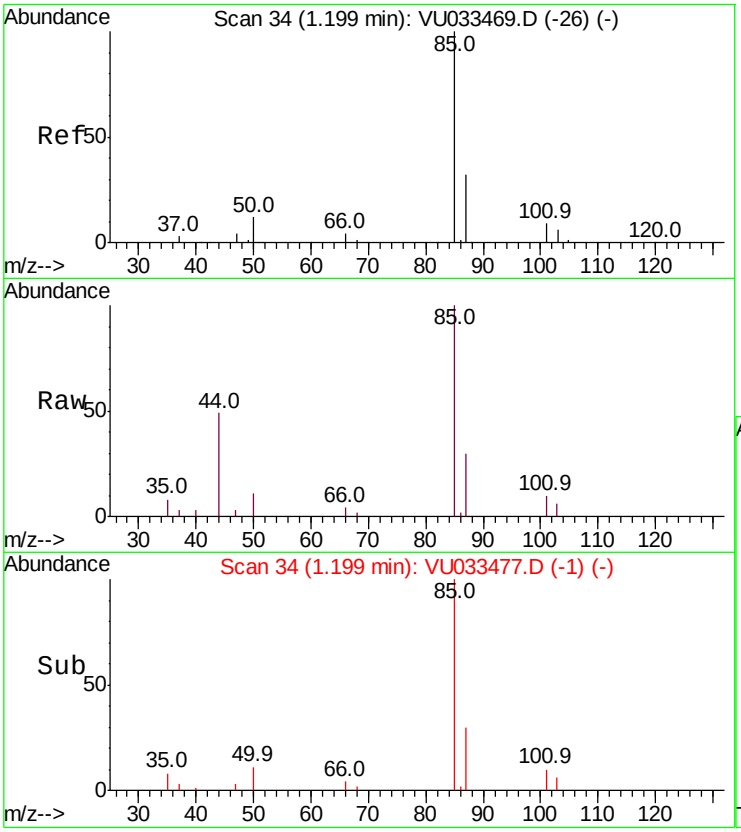
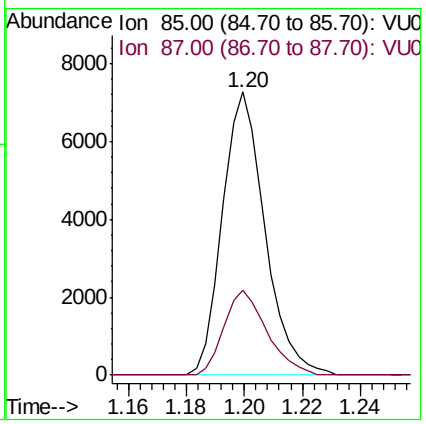




#2
Dichlorodifluoromethane
Concen: 2.632 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 85 Resp: 7384

Ion	Ratio	Lower	Upper
85	100		
87	30.1	25.7	38.5



Instrument :
MSVOA_U
ClientSampleId :
MDL01

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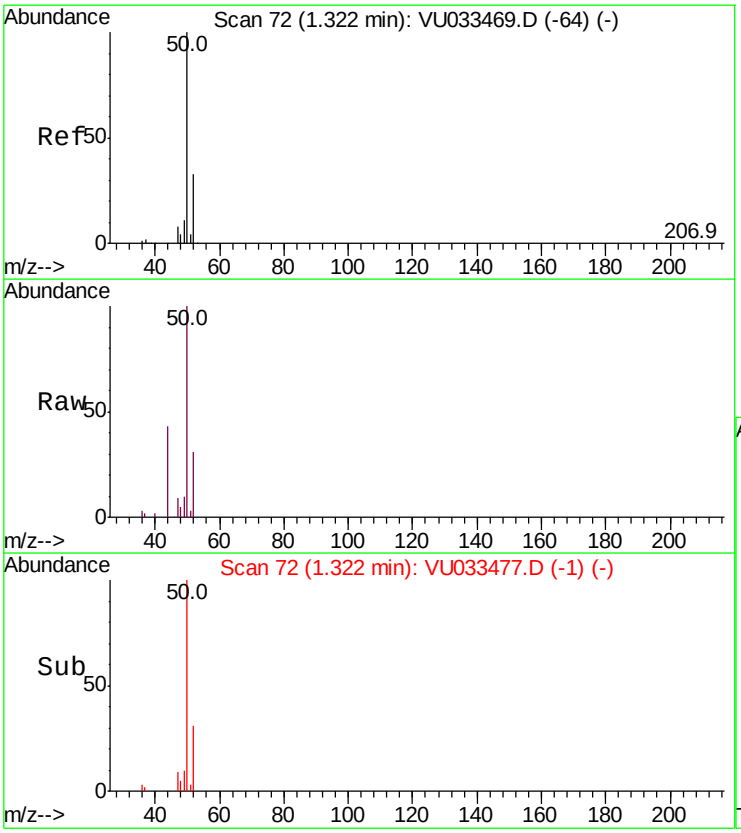
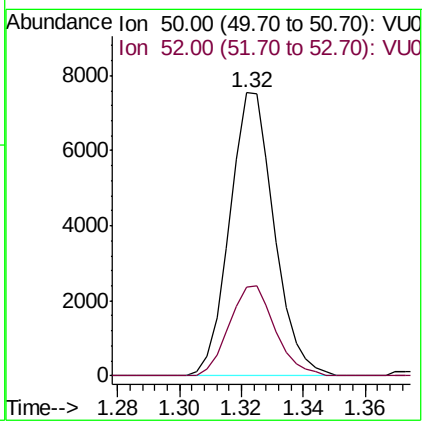
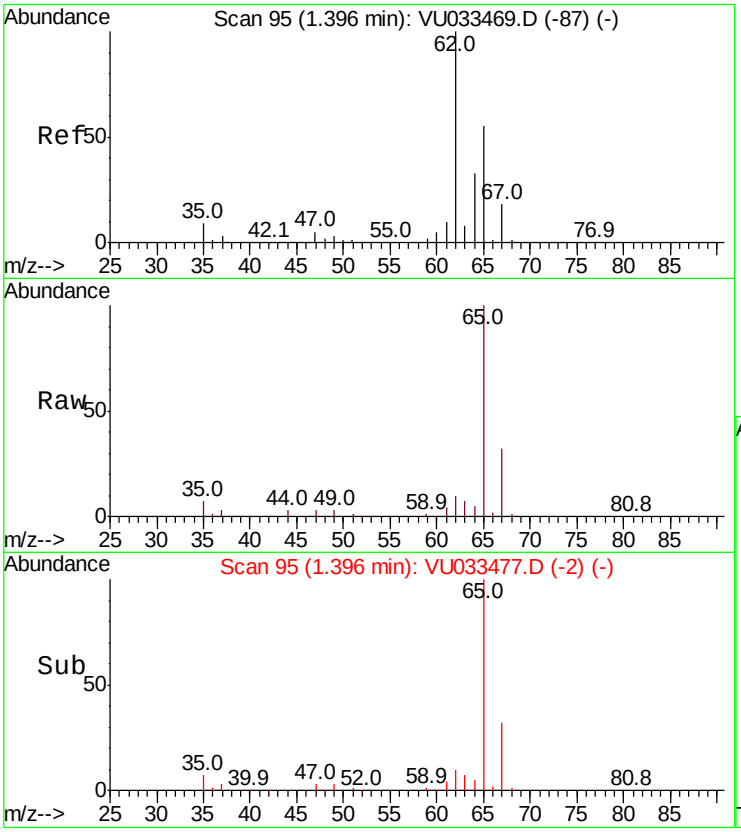


#3
Chloromethane
Concen: 2.704 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 50 Resp: 7576

Ion	Ratio	Lower	Upper
50	100		
52	31.3	23.3	43.3





#5
Vinyl chloride
Concen: 2.714 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 62 Resp: 8693

Ion	Ratio	Lower	Upper
62	100		
64	49.3	23.0	42.6#

Instrument :
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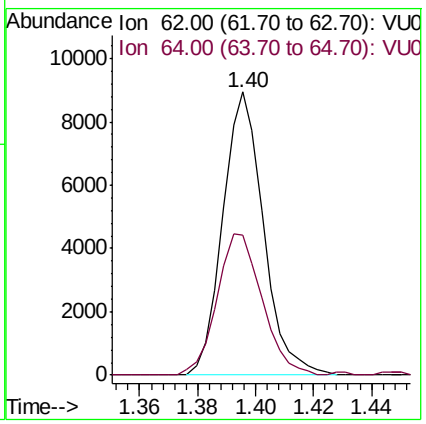
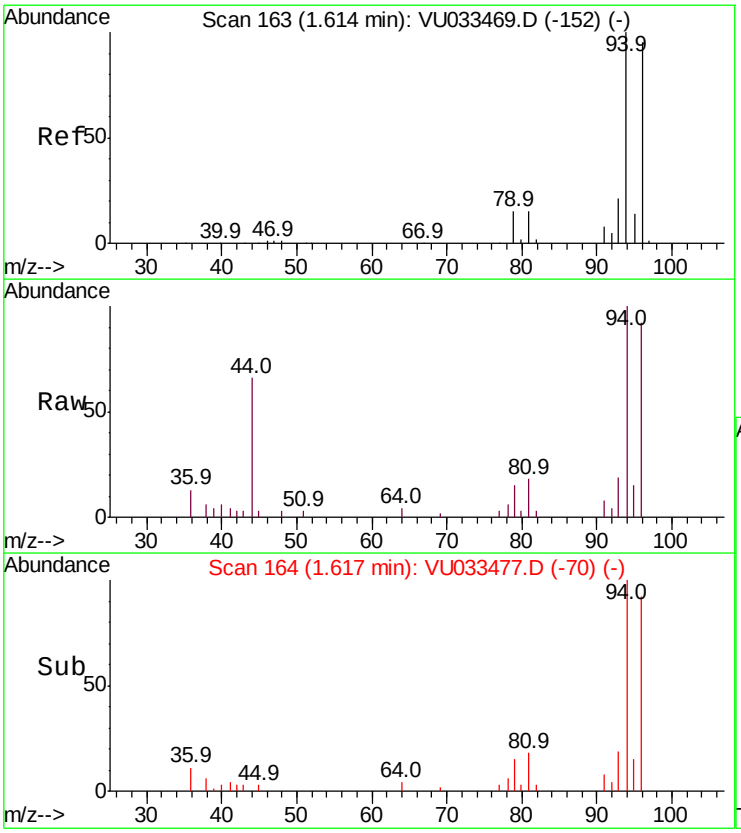
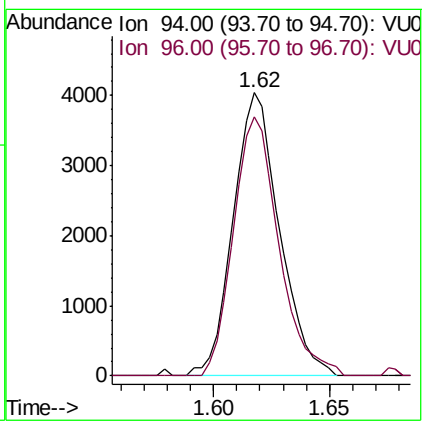


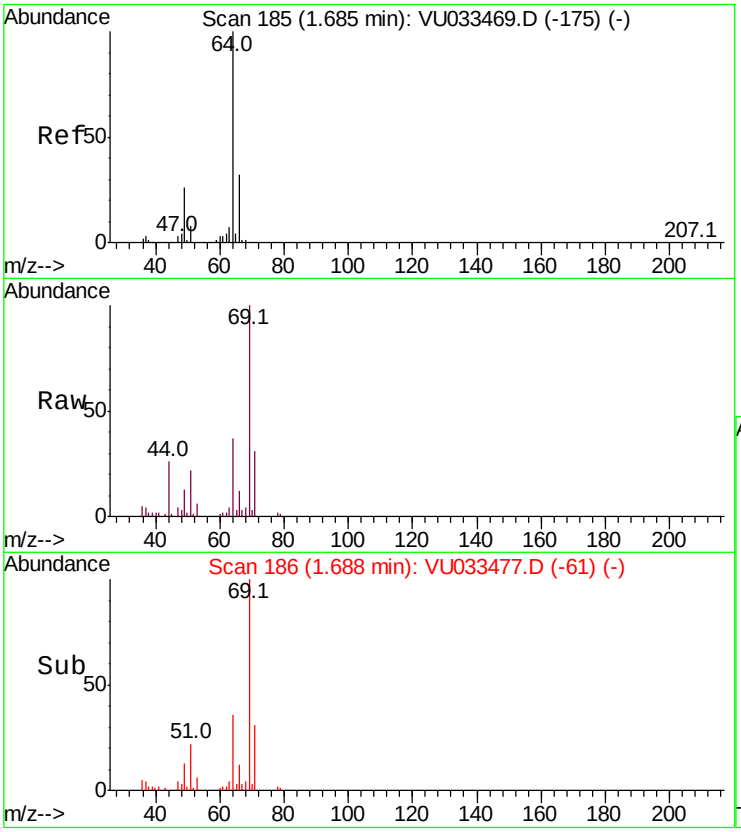


#6
Bromomethane
Concen: 2.498 ug/L
RT: 1.62 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 94 Resp: 5593

Ion	Ratio	Lower	Upper
94	100		
96	91.7	66.2	123.0

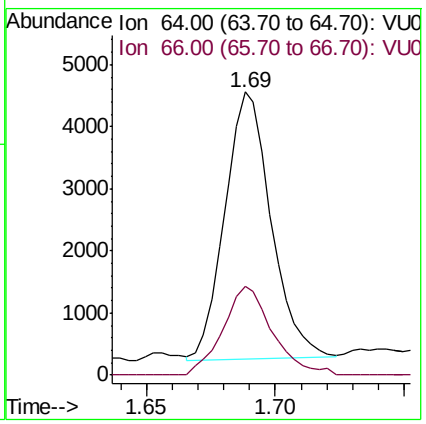




#8
Chloroethane
Concen: 2.730 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 64 Resp: 5365

Ion	Ratio	Lower	Upper
64	100		
66	31.4	22.1	41.1



Instrument :
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ClientSampleId :
MDL01

Manual Integrations APPROVED
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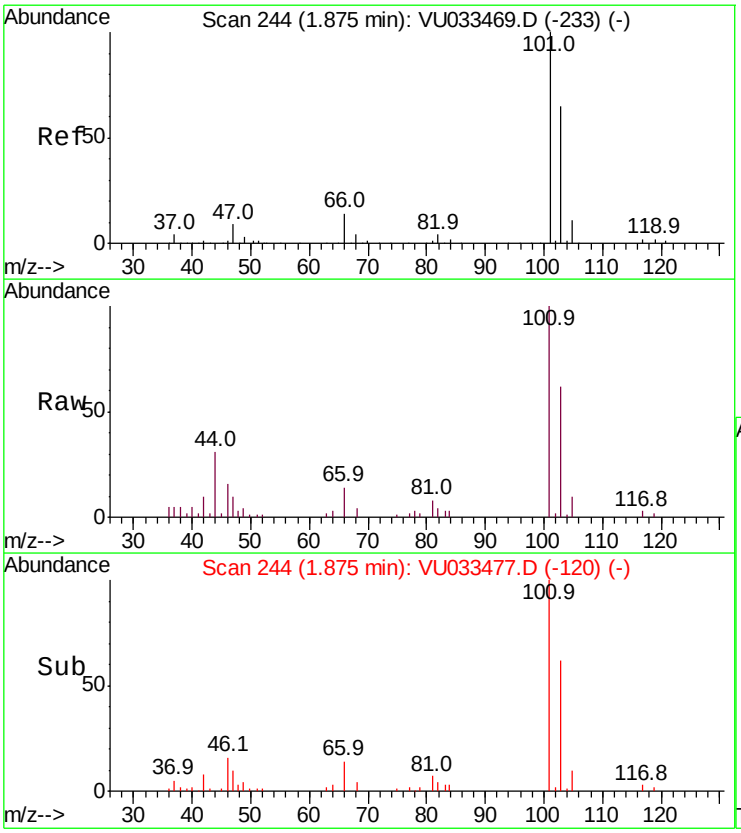
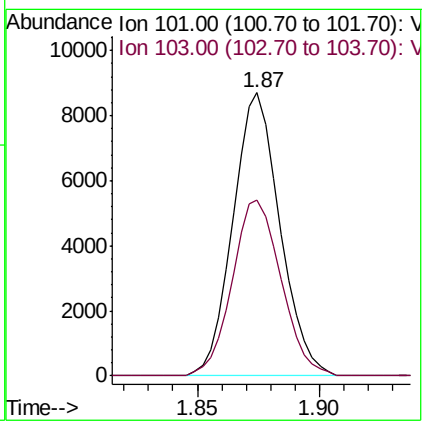
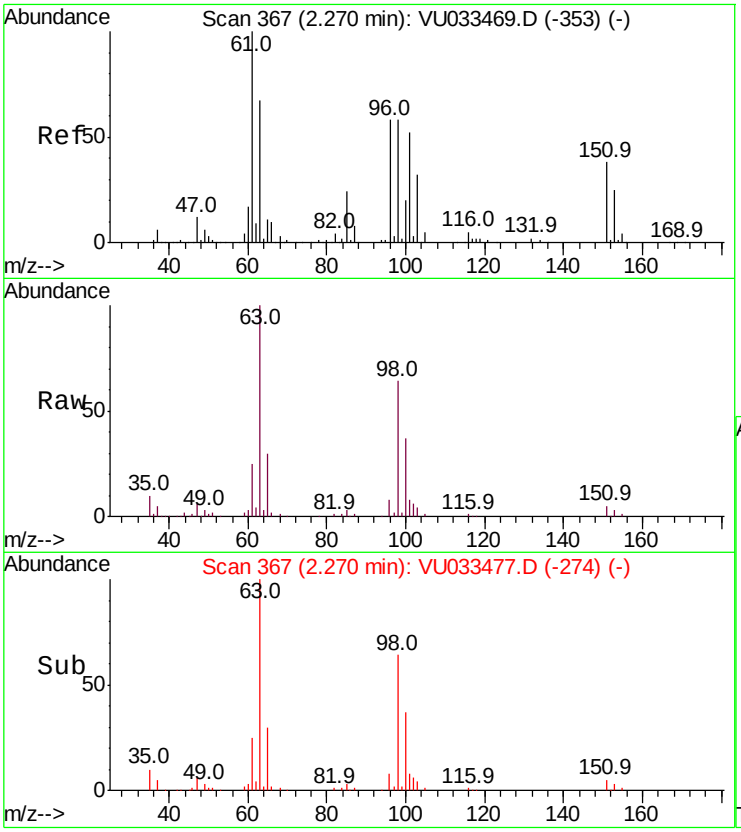


#9
Trichlorofluoromethane
Concen: 2.759 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:101 Resp: 11594

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.2	76.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.303 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Instrument :
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ClientSampleId :
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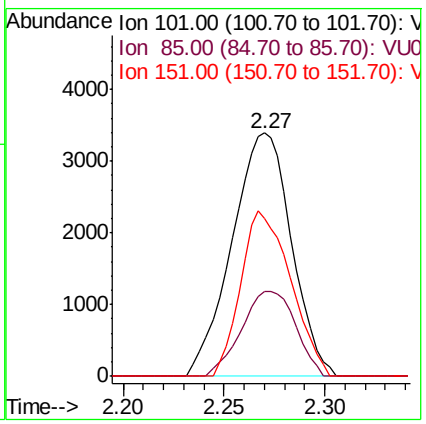
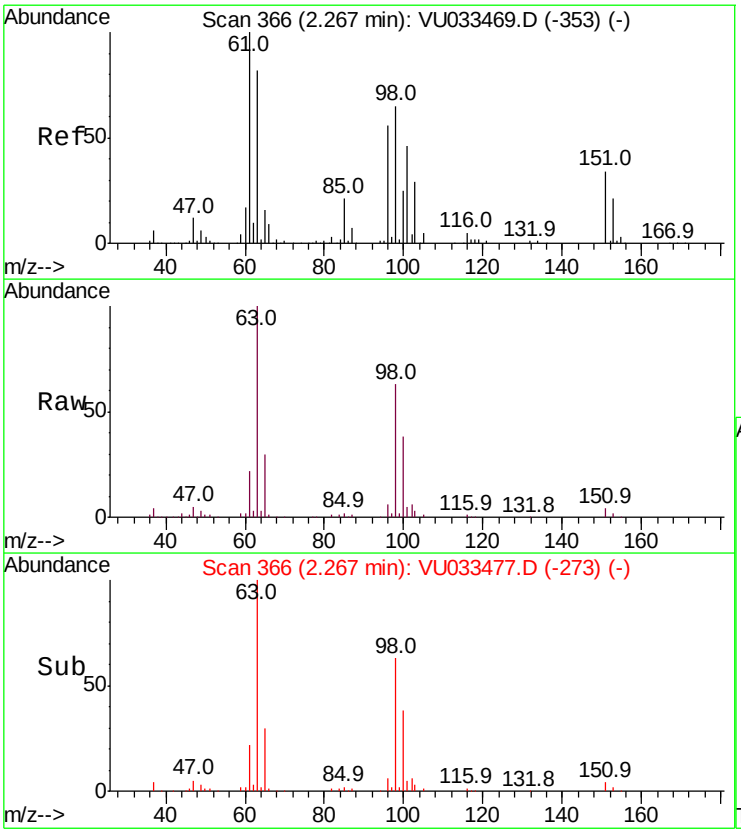
Tgt Ion:101 Resp: 6974

Ion	Ratio	Lower	Upper
101	100		
85	31.8	35.8	53.8#
151	57.2	58.6	87.8#

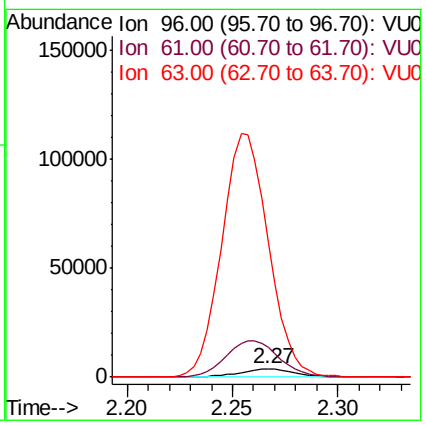


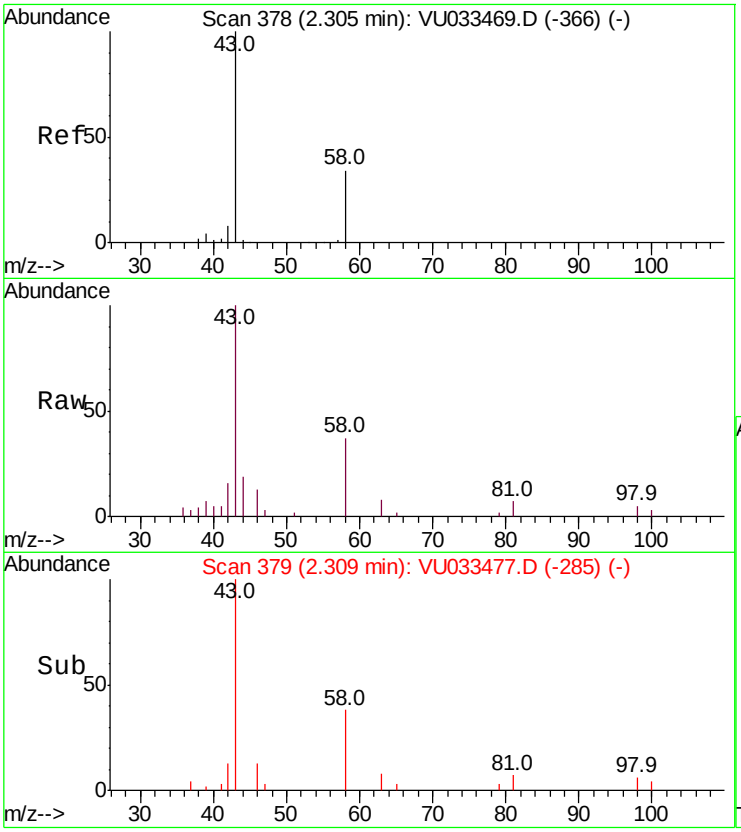


#12
1,1-Dichloroethene
Concen: 3.268 ug/L
RT: 2.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 96 Resp: 6724

Ion	Ratio	Lower	Upper
96	100		
61	362.6	124.1	230.5#
63	1668.2	101.8	189.2#

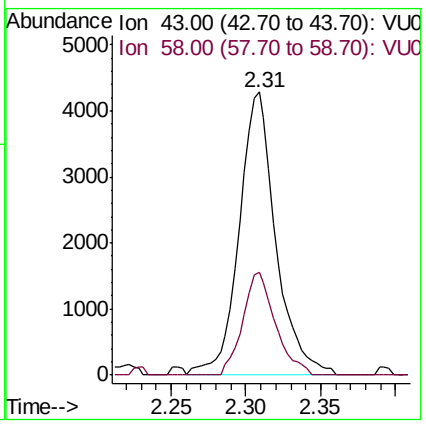




#13
Acetone
Concen: 5.044 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 43 Resp: 7315

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	67.4



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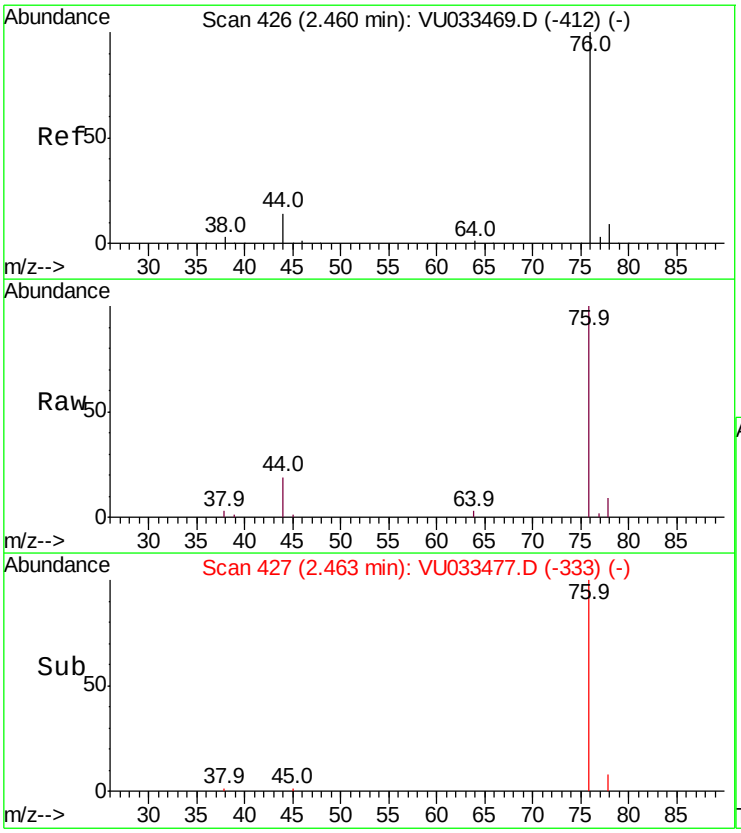
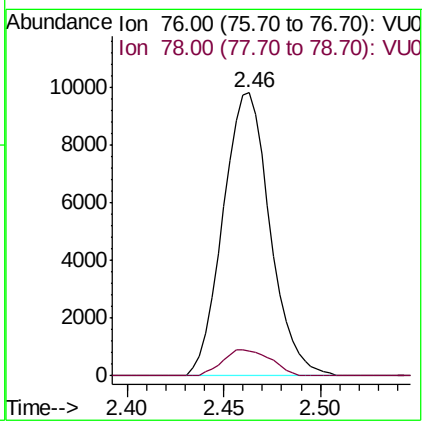
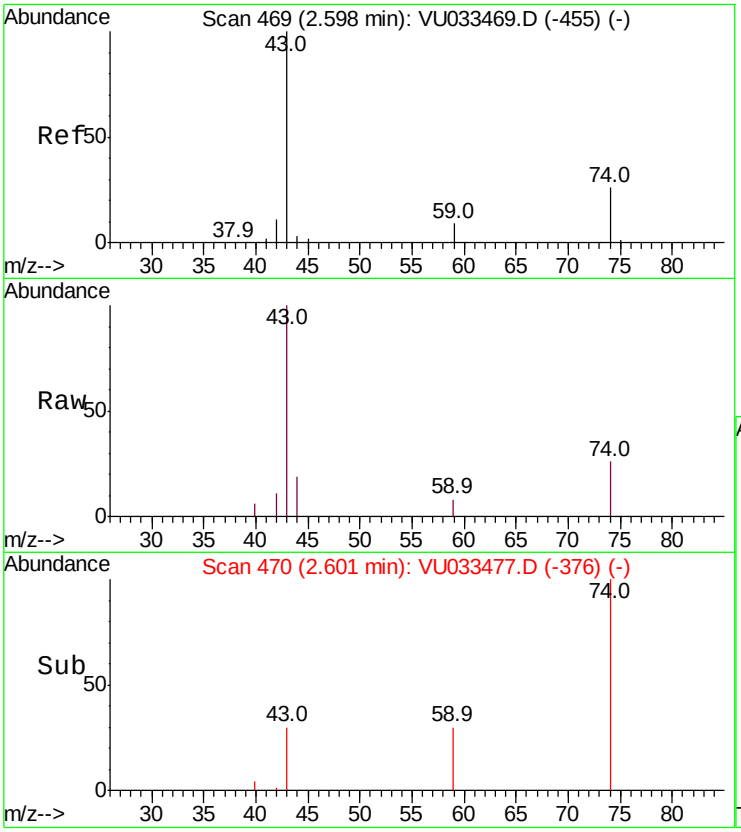


#14
Carbon disulfide
Concen: 2.703 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 76 Resp: 16566

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

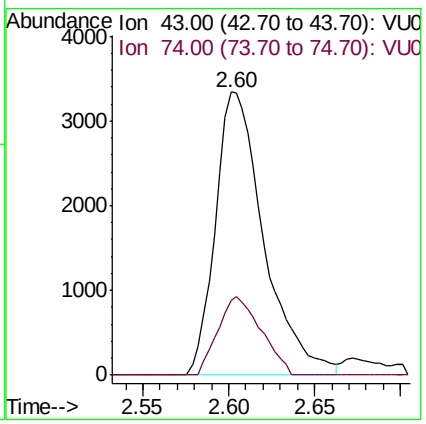




#15
Methyl Acetate
Concen: 2.817 ug/L
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 43 Resp: 6552

Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.5	30.7



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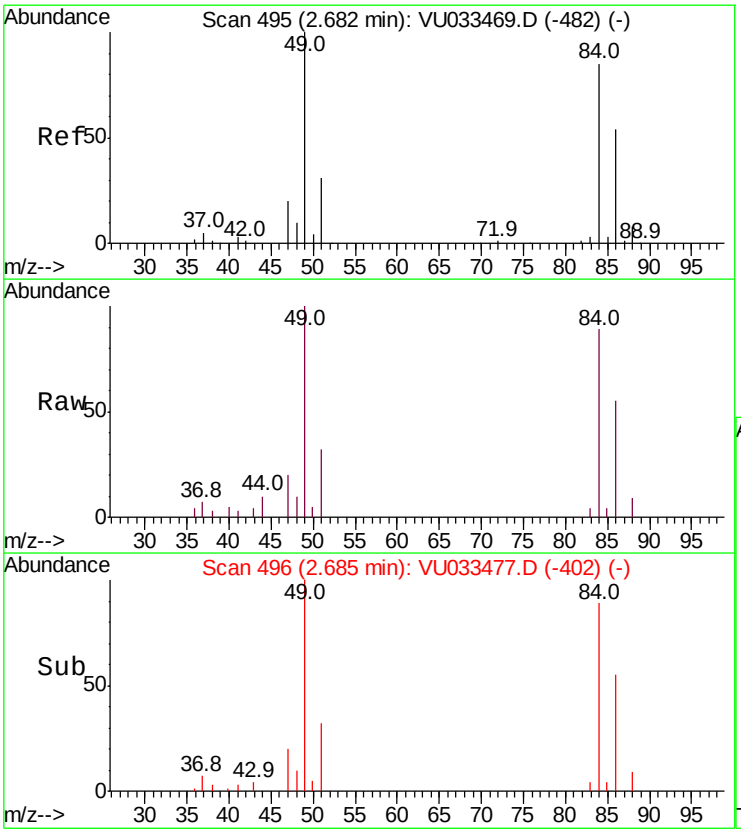
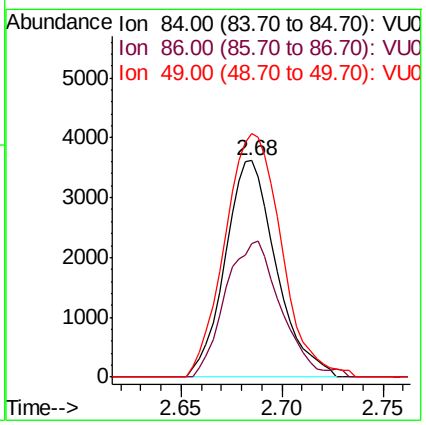
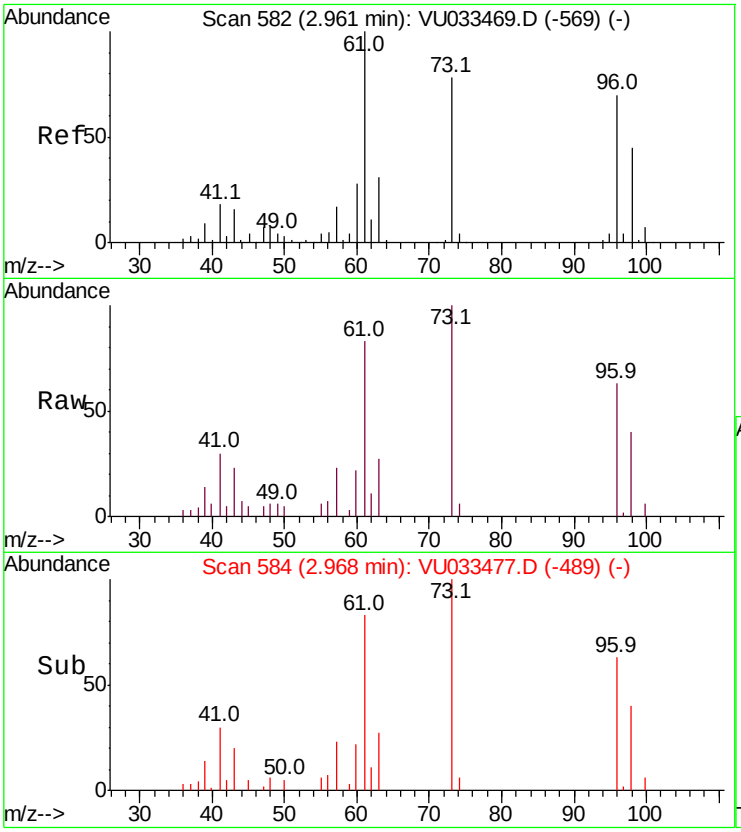


#16
Methylene chloride
Concen: 2.836 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 84 Resp: 6411

Ion	Ratio	Lower	Upper
84	100		
86	61.6	44.2	82.0
49	112.4	82.3	152.8

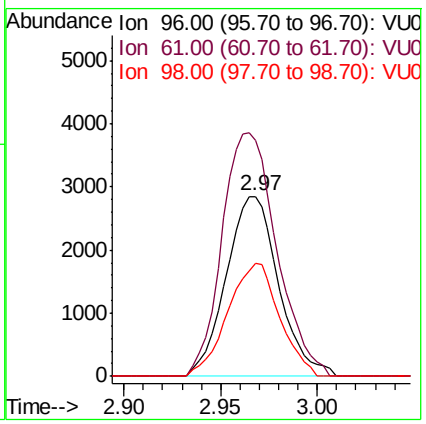




#17
trans-1,2-Dichloroethene
Concen: 2.634 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 96 Resp: 5382

Ion	Ratio	Lower	Upper
96	100		
61	131.1	100.3	186.3
98	62.8	45.1	83.9



Instrument :
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ClientSampleId :
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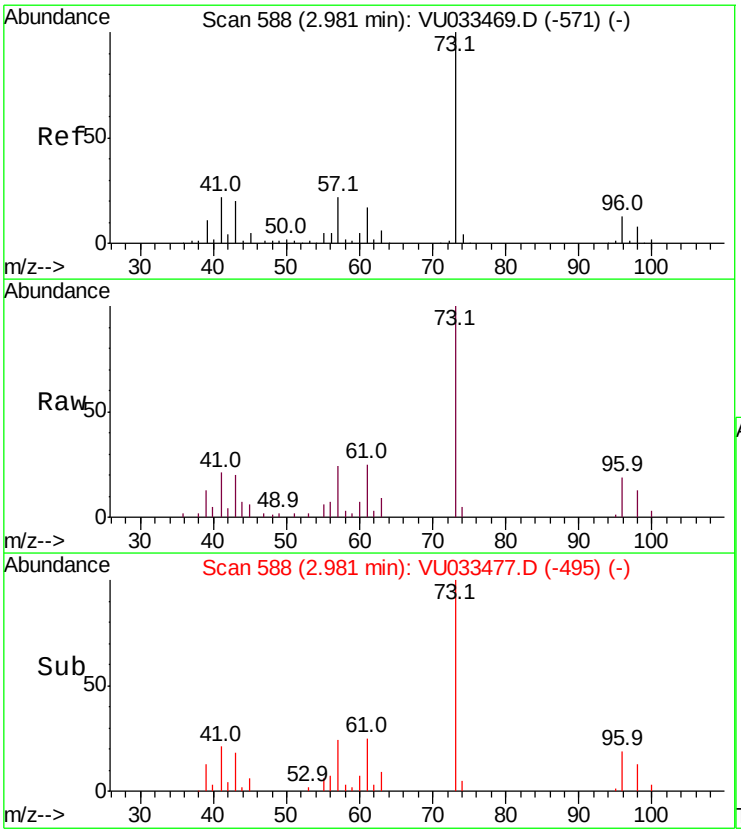
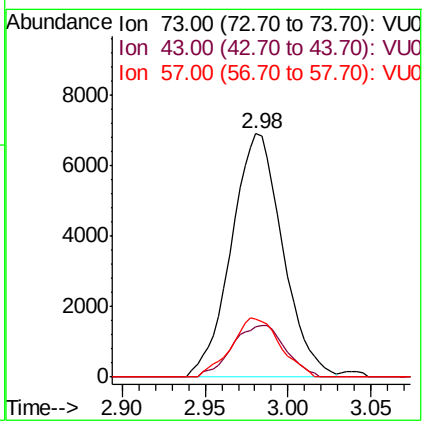
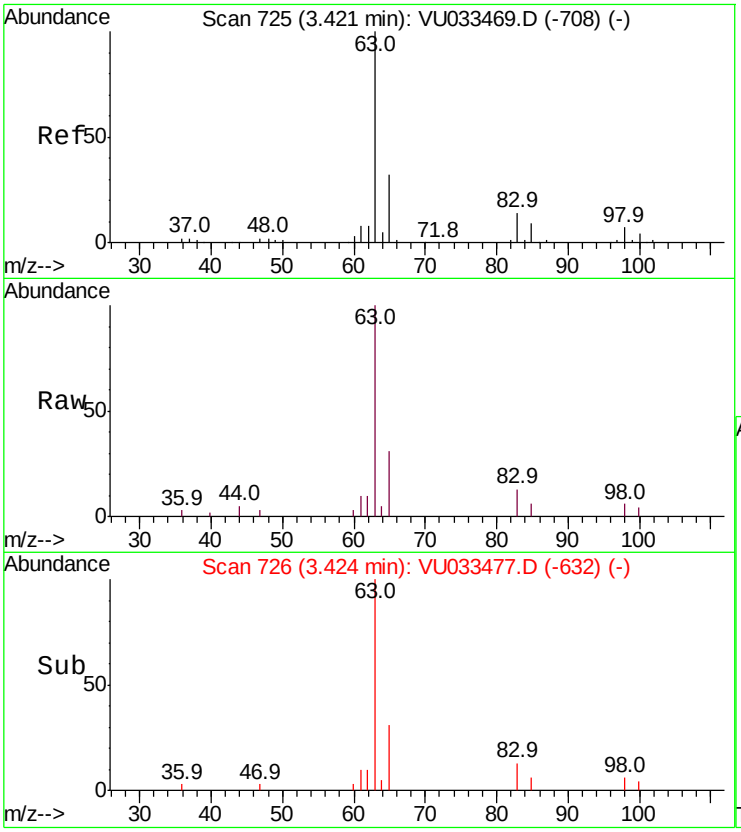


#18
Methyl tert-butyl Ether
Concen: 2.461 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 73 Resp: 14844

Ion	Ratio	Lower	Upper
73	100		
43	22.1	15.3	22.9
57	23.3	17.7	26.5

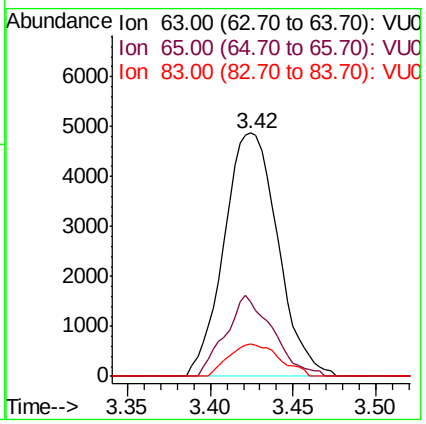




#19
1,1-Dichloroethane
Concen: 2.860 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 63 Resp: 11005

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.7	42.1
83	13.4	9.4	17.6



Instrument :
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ClientSampleId :
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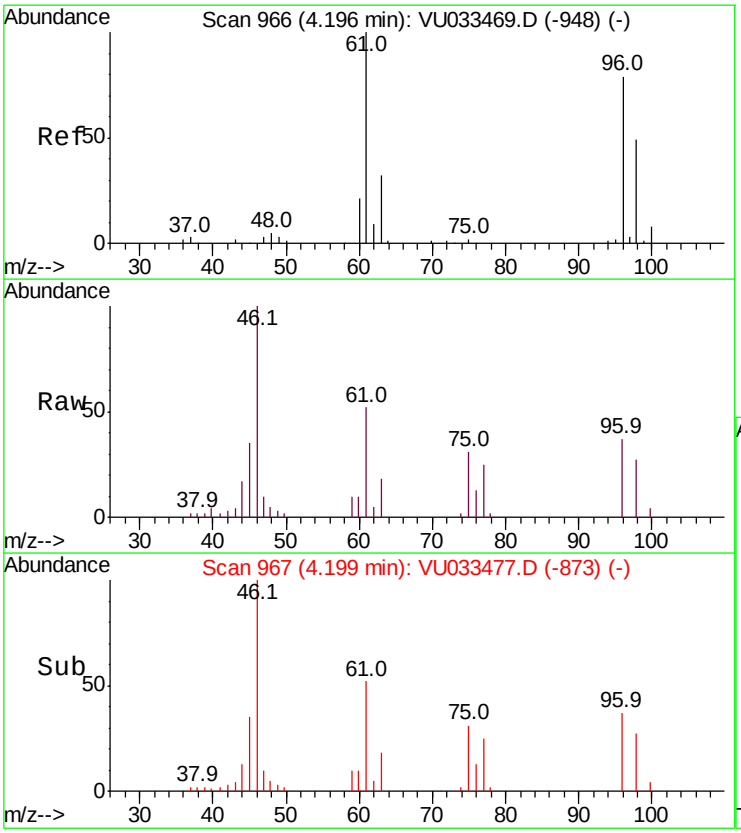
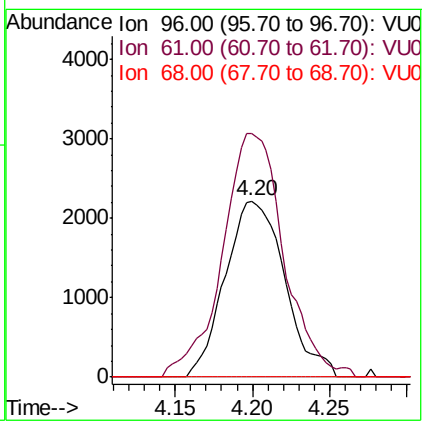
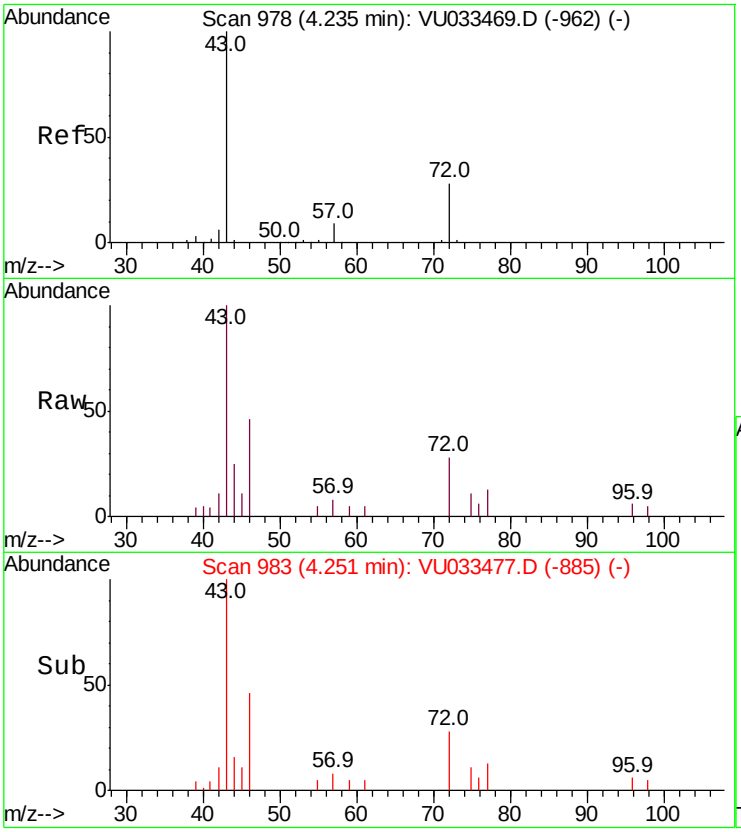


#20
cis-1,2-Dichloroethene
Concen: 2.636 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 96 Resp: 5945

Ion	Ratio	Lower	Upper
96	100		
61	138.4	88.9	165.1
68	0.0	0.0	0.0

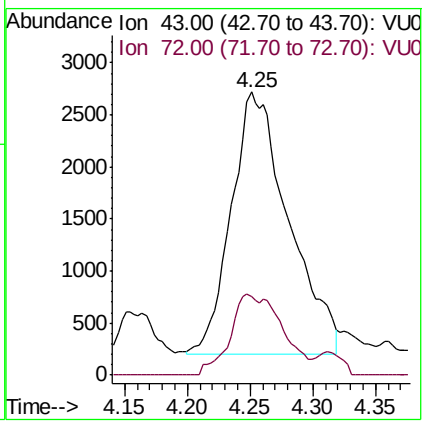




#22
2-Butanone
Concen: 4.646 ug/L m
RT: 4.25 min Scan# 983
Delta R.T. 0.02 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 43 Resp: 8005

Ion	Ratio	Lower	Upper
43	100		
72	11.7	14.1	42.3#



Instrument :
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ClientSampleId :
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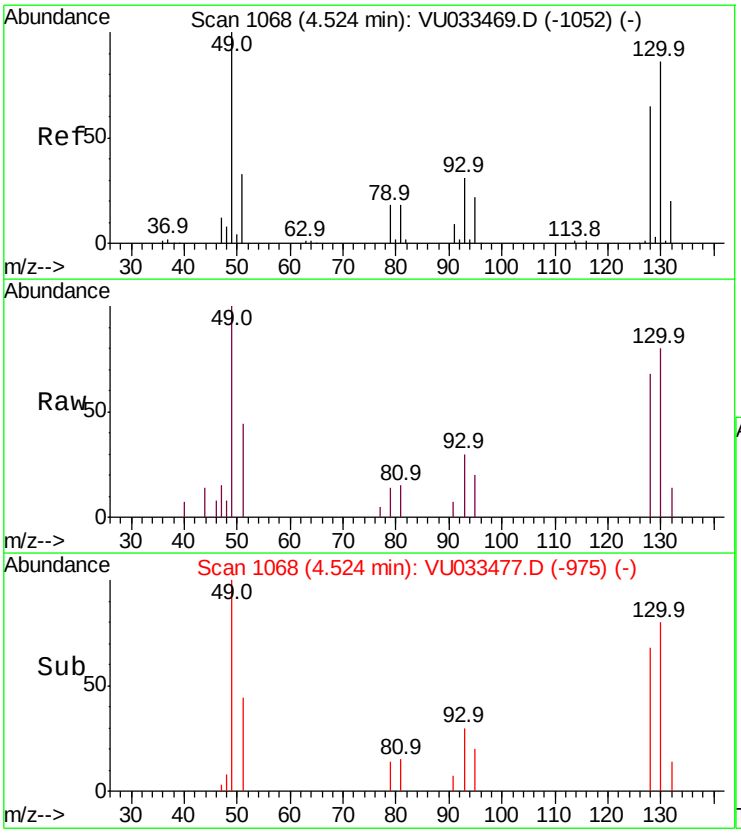
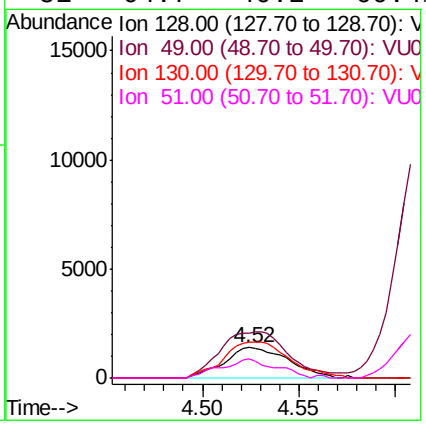
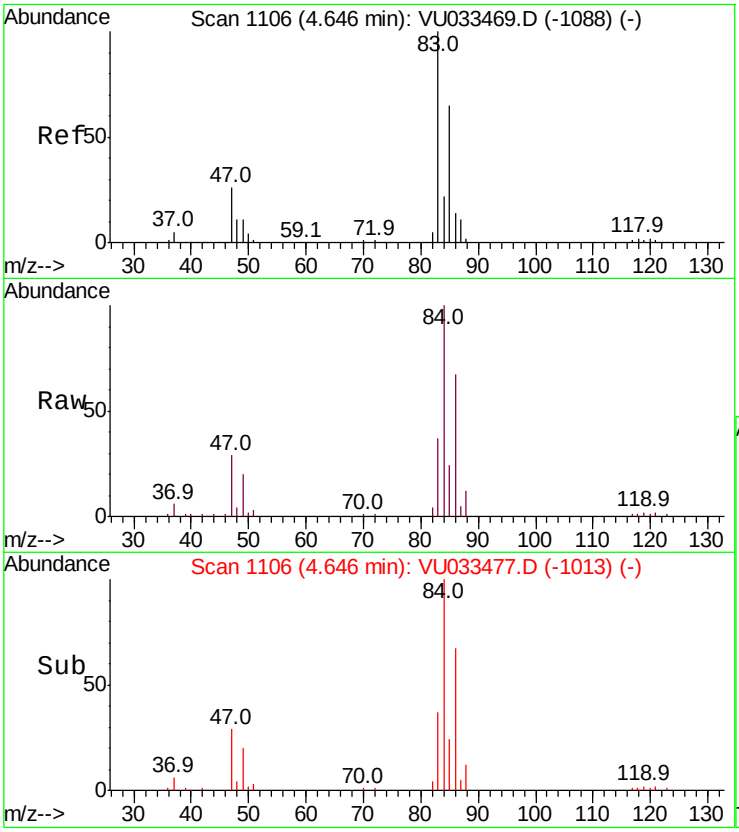


#23
Bromochloromethane
Concen: 2.678 ug/L
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:128 Resp: 3208

Ion	Ratio	Lower	Upper
128	100		
49	147.7	108.0	200.6
130	117.5	92.9	172.5
51	64.7	40.2	60.4#

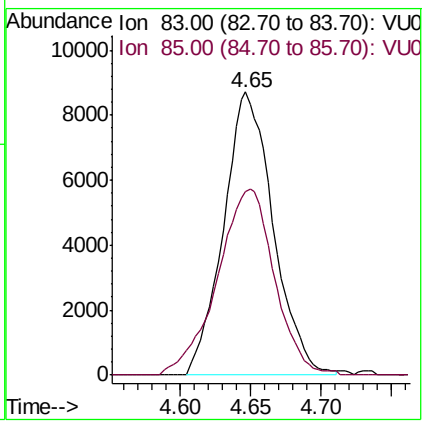




#25
Chloroform
Concen: 5.262 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 83 Resp: 21466

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.6	84.8



Instrument :
MSVOA_U
ClientSampleId :
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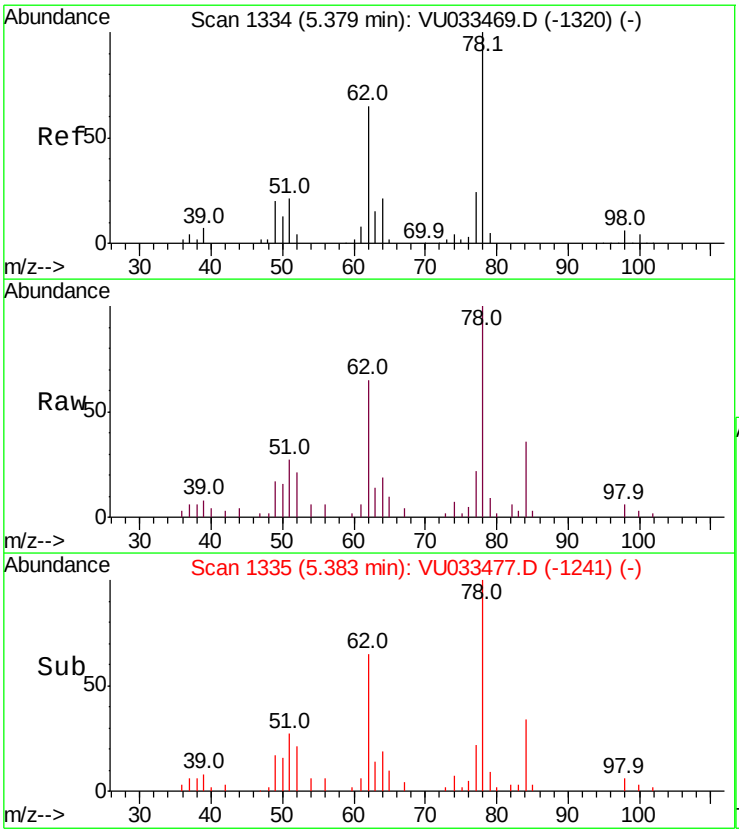
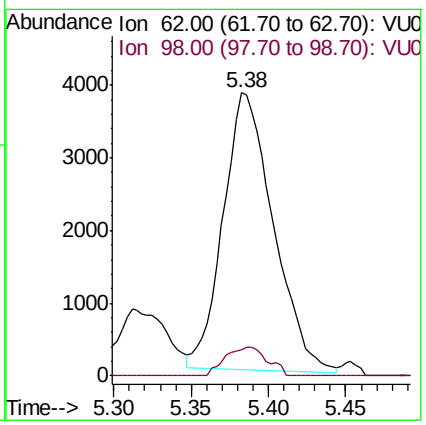
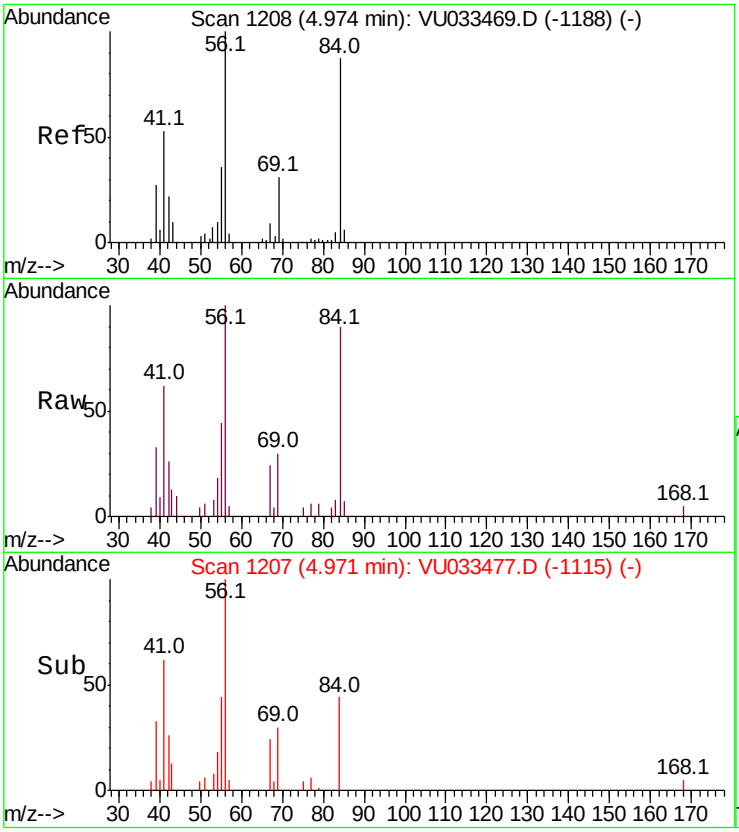


#27
1,2-Dichloroethane
Concen: 2.700 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 62 Resp: 8553

Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.7	10.1

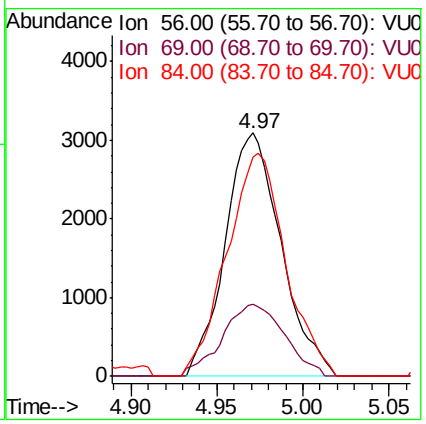




#29
Cyclohexane
Concen: 2.170 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 56 Resp: 7011

Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.3	37.9
84	96.0	69.6	104.4



Instrument :
MSVOA_U
ClientSampleId :
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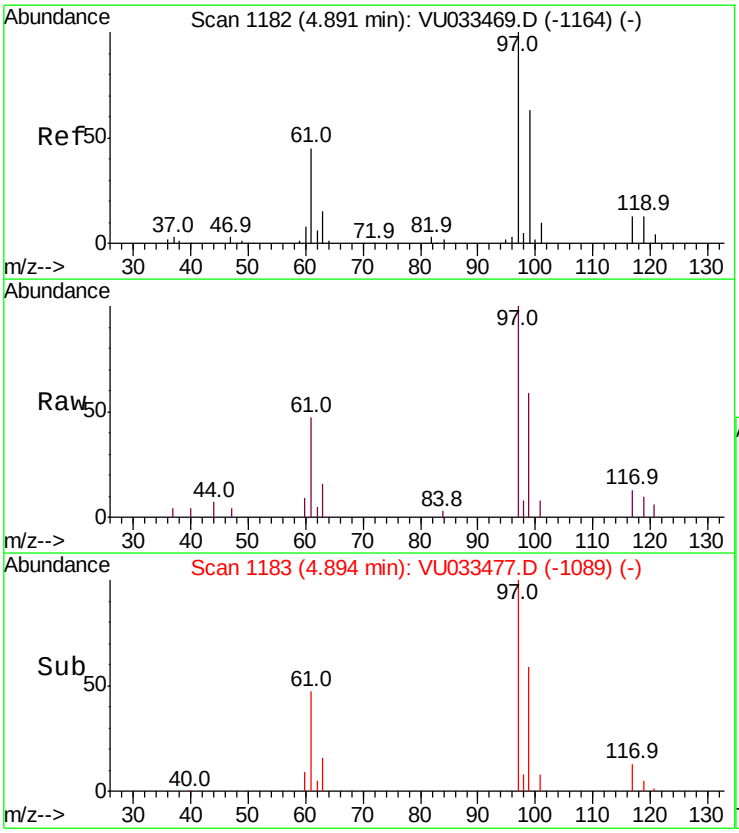
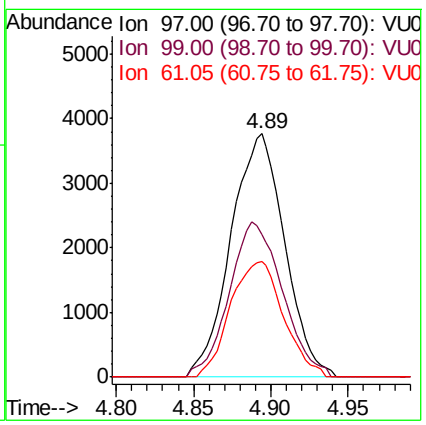
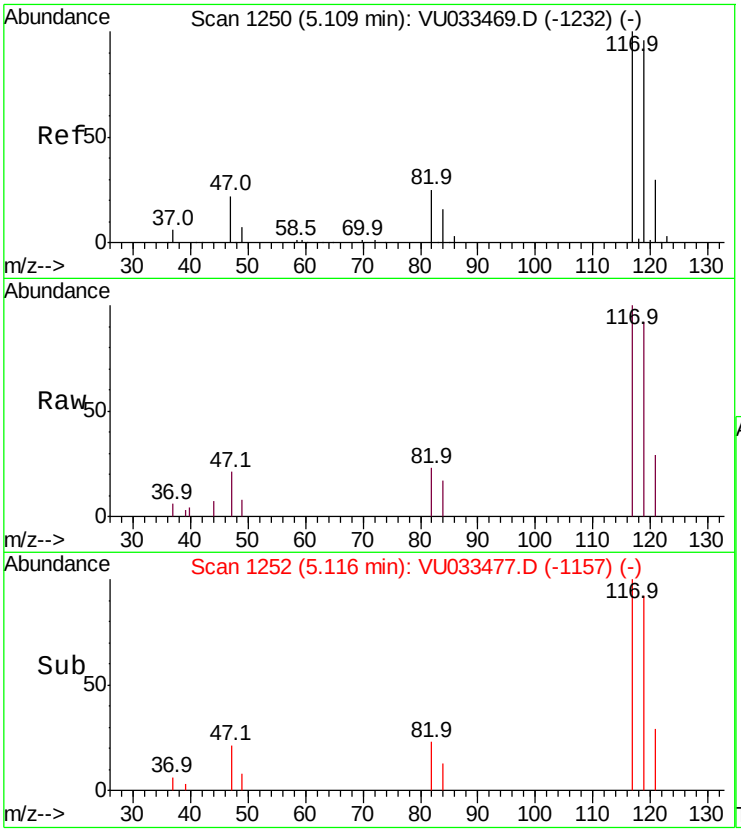


#30
1,1,1-Trichloroethane
Concen: 2.602 ug/L
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 97 Resp: 9111

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.6
61	46.9	36.2	54.2

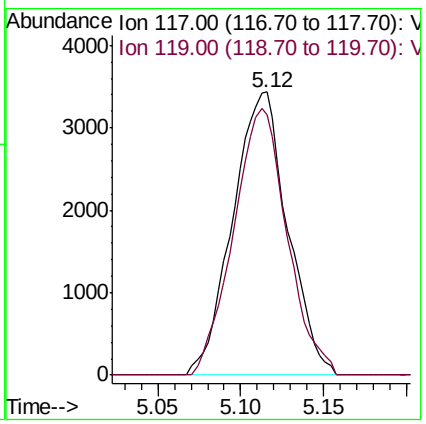




#31
Carbon tetrachloride
Concen: 2.535 ug/L
RT: 5.12 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:117 Resp: 7902

Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.8	115.2



Instrument :
MSVOA_U
ClientSampleId :
MDL01

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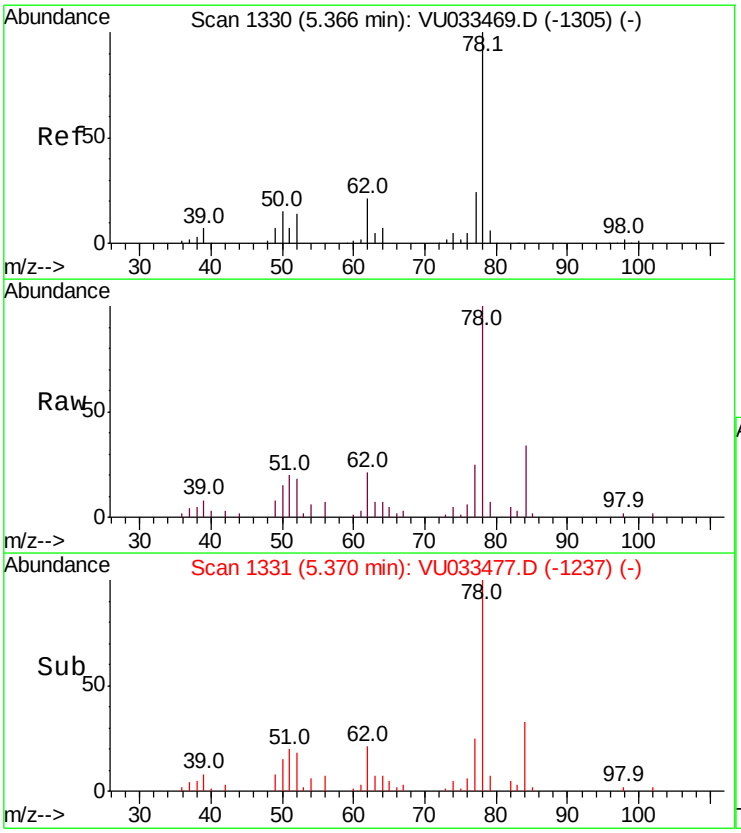
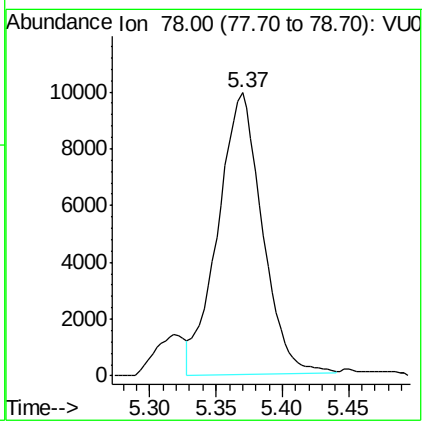
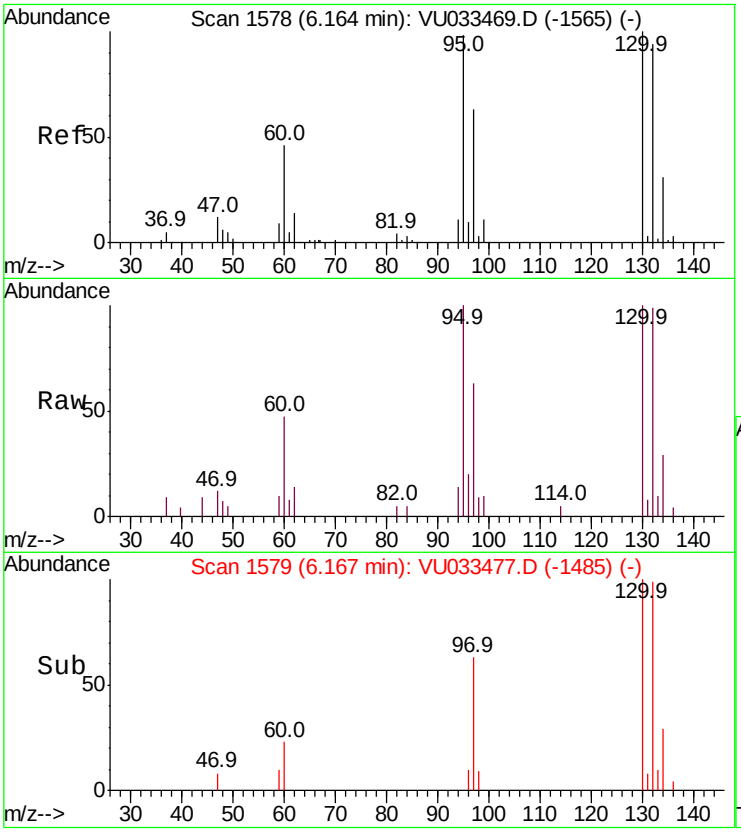


#33
Benzene
Concen: 2.610 ug/L
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 78 Resp: 22946

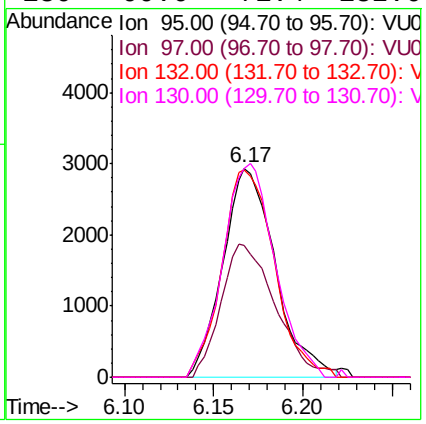




#34
Trichloroethene
Concen: 2.621 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 95 Resp: 6003

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.4	84.2
132	99.1	67.1	124.5
130	99.6	71.4	132.6



Instrument :
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ClientSampleId :
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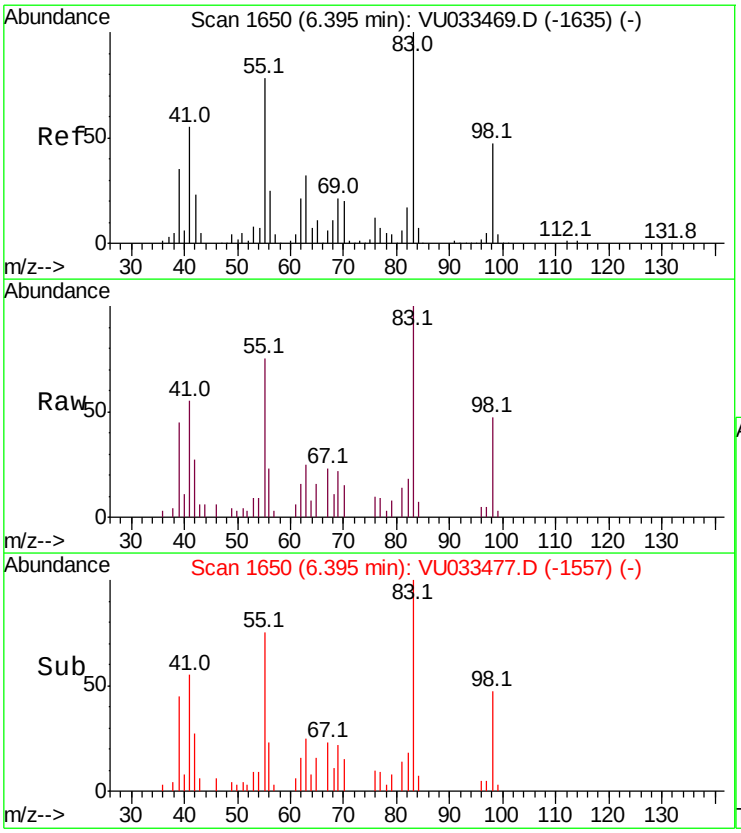
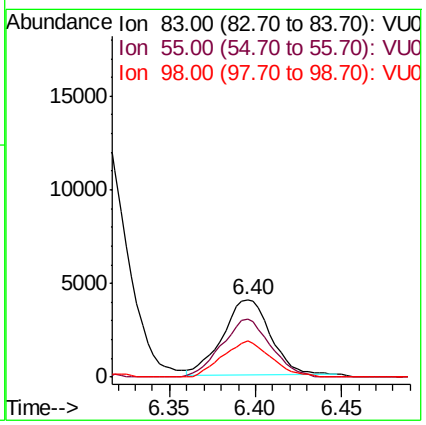
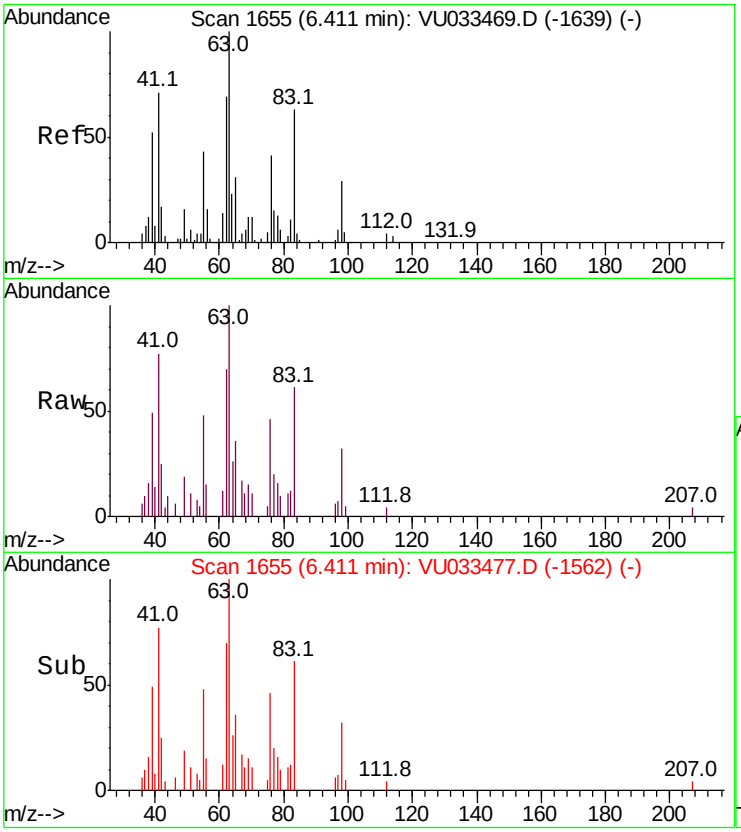


#35
Methylcyclohexane
Concen: 2.259 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 83 Resp: 7866

Ion	Ratio	Lower	Upper
83	100		
55	77.9	62.4	93.6
98	48.5	37.3	55.9





#37
1,2-Dichloropropane
Concen: 2.608 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 63 Resp: 6166

Ion	Ratio	Lower	Upper
63	100		
112	1.9	3.1	4.7#

Instrument :
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ClientSampleId :
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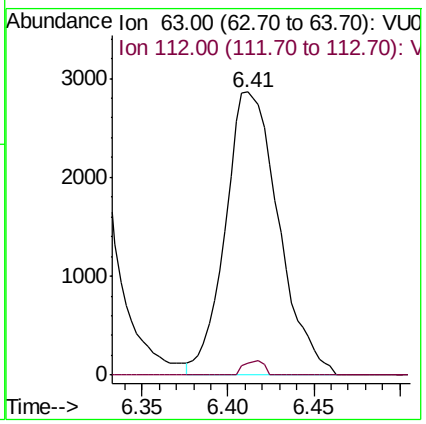
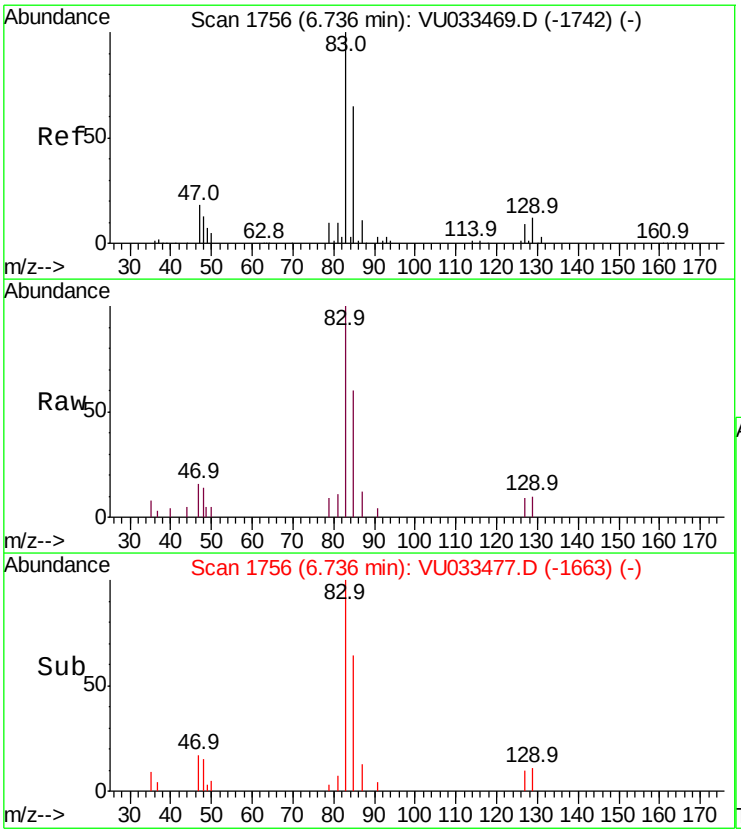
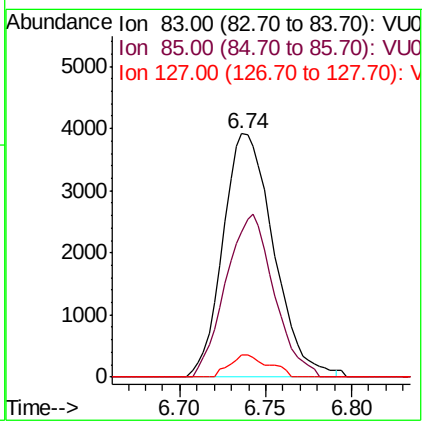


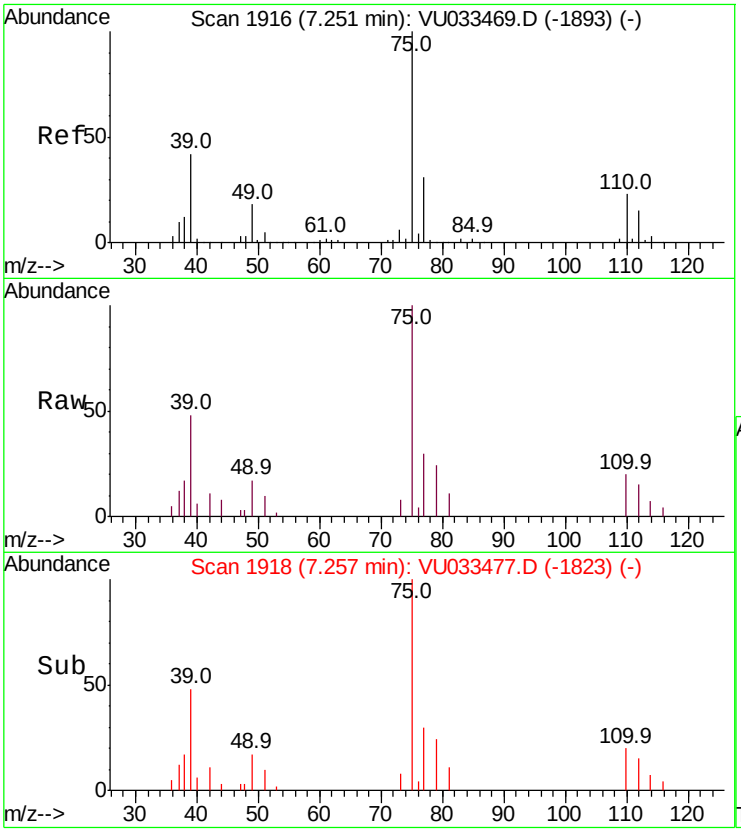


#38
Bromodichloromethane
Concen: 2.579 ug/L
RT: 6.74 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 83 Resp: 8028

Ion	Ratio	Lower	Upper
83	100		
85	59.7	45.4	84.4
127	9.0	7.3	10.9

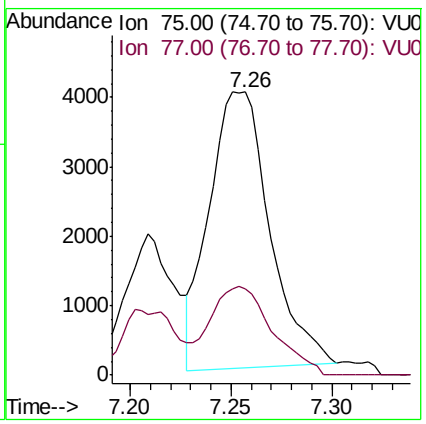




#39
cis-1,3-Dichloropropene
Concen: 2.355 ug/L
RT: 7.26 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 75 Resp: 8302

Ion	Ratio	Lower	Upper
75	100		
77	30.5	21.6	40.2



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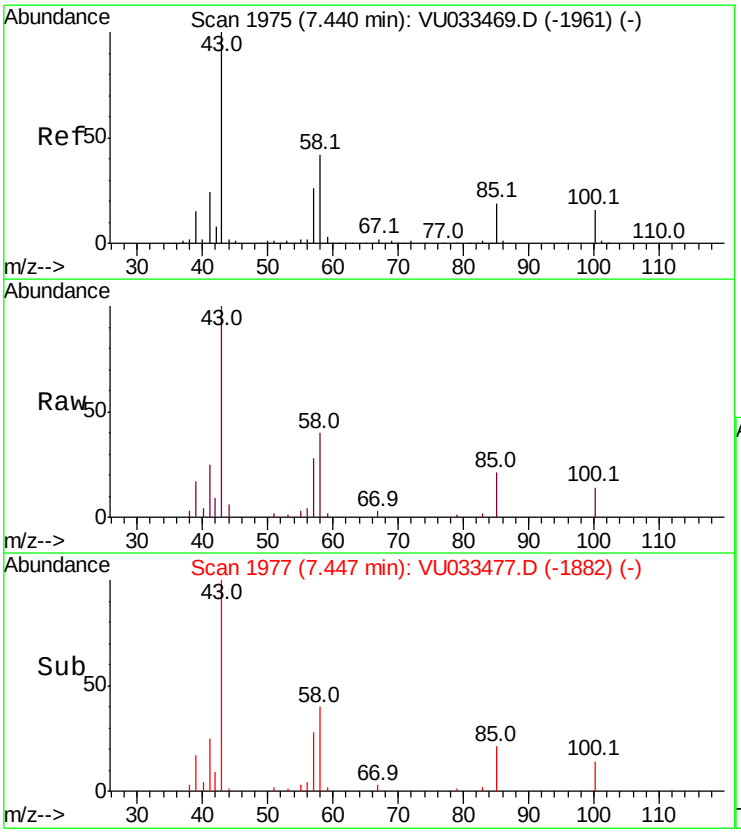
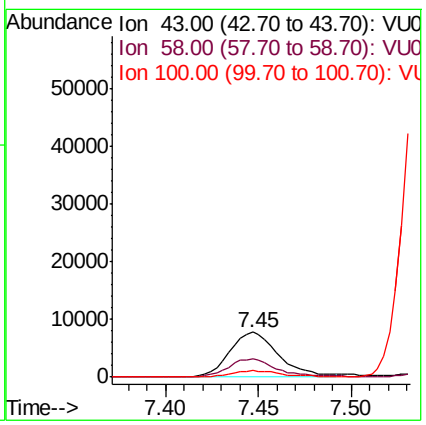
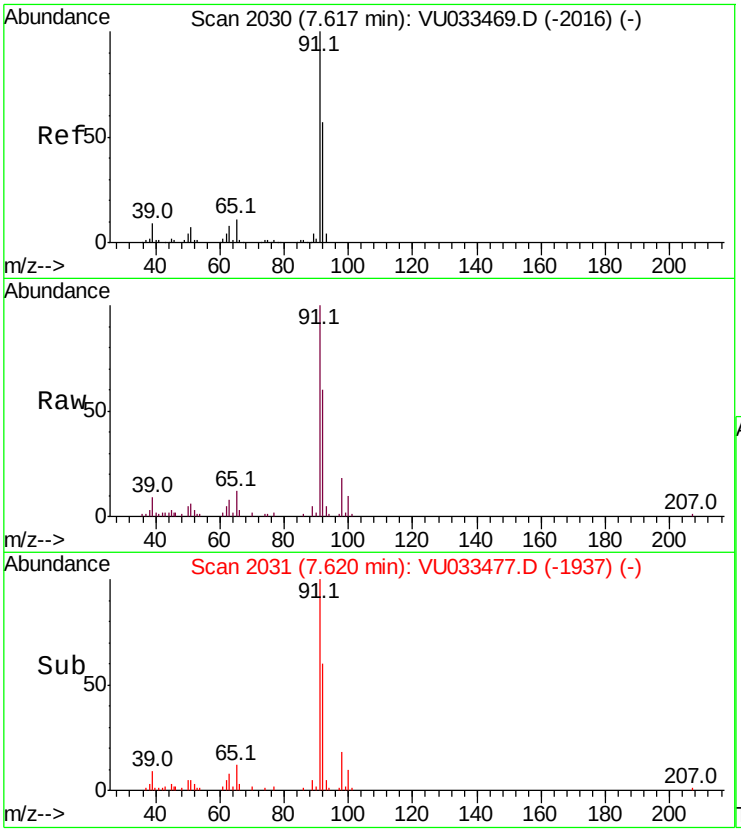


#40
4-Methyl-2-pentanone
Concen: 4.576 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 43 Resp: 14259

Ion	Ratio	Lower	Upper
43	100		
58	41.4	33.4	50.2
100	14.0	12.3	18.5

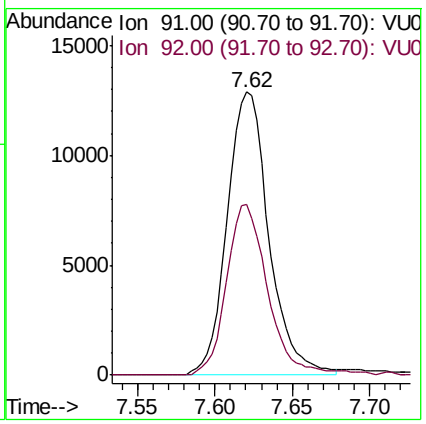




#42
Toluene
Concen: 2.554 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 91 Resp: 24161

Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.1	74.5



Instrument :
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ClientSampleId :
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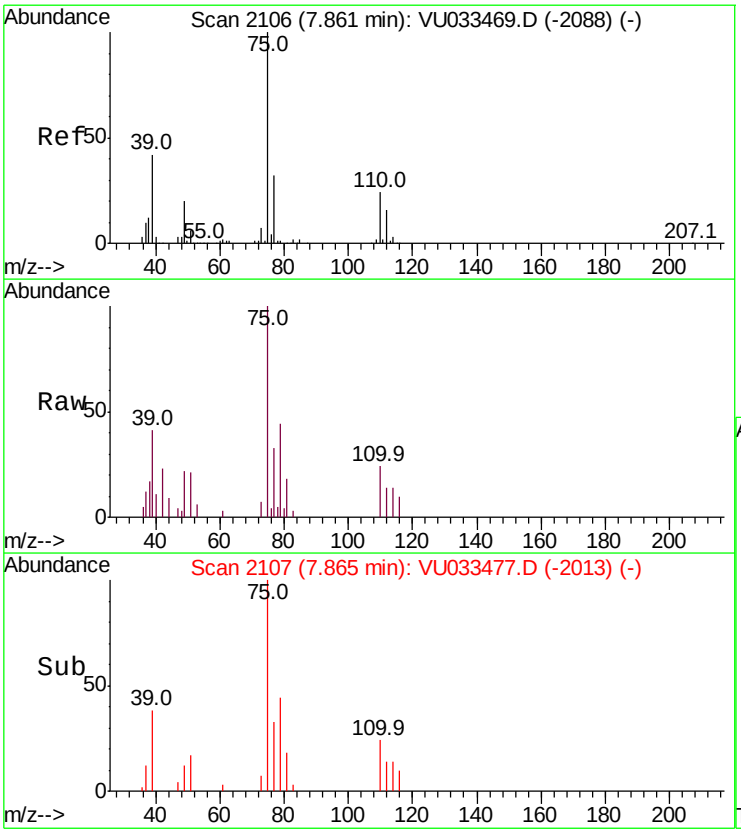
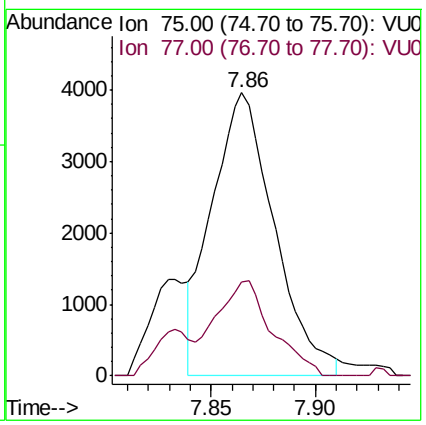
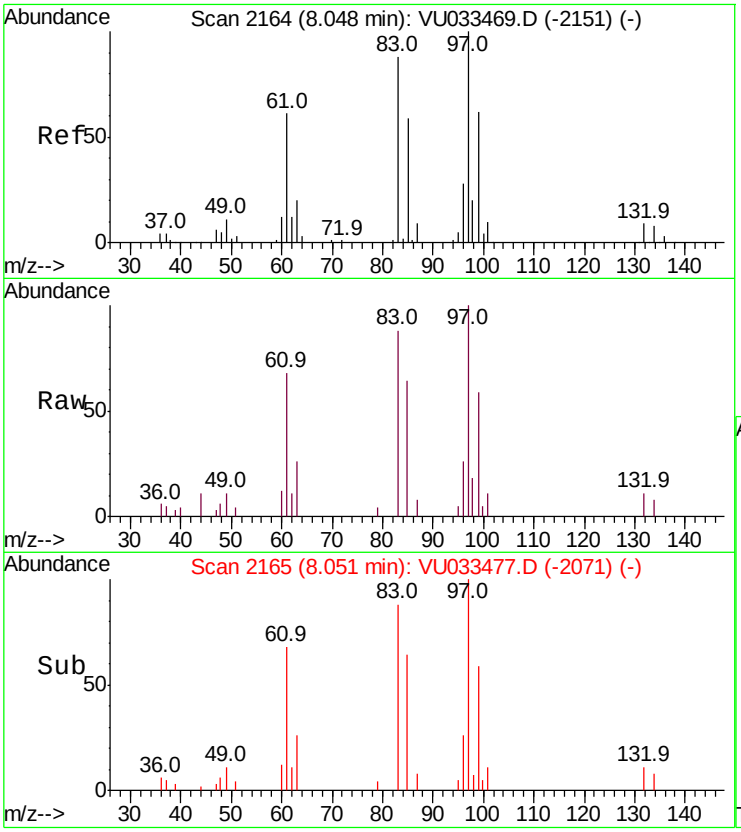


#44
trans-1,3-Dichloropropene
Concen: 2.573 ug/L m
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 75 Resp: 8234

Ion	Ratio	Lower	Upper
75	100		
77	33.3	22.3	41.5

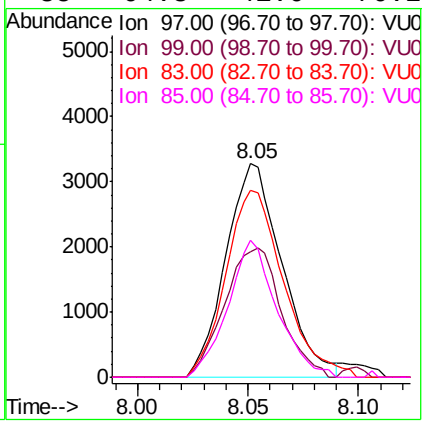




#45
1,1,2-Trichloroethane
Concen: 2.571 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 97 Resp: 5798

Ion	Ratio	Lower	Upper
97	100		
99	58.8	43.3	80.5
83	87.6	61.3	113.9
85	64.3	41.0	76.2



Instrument :
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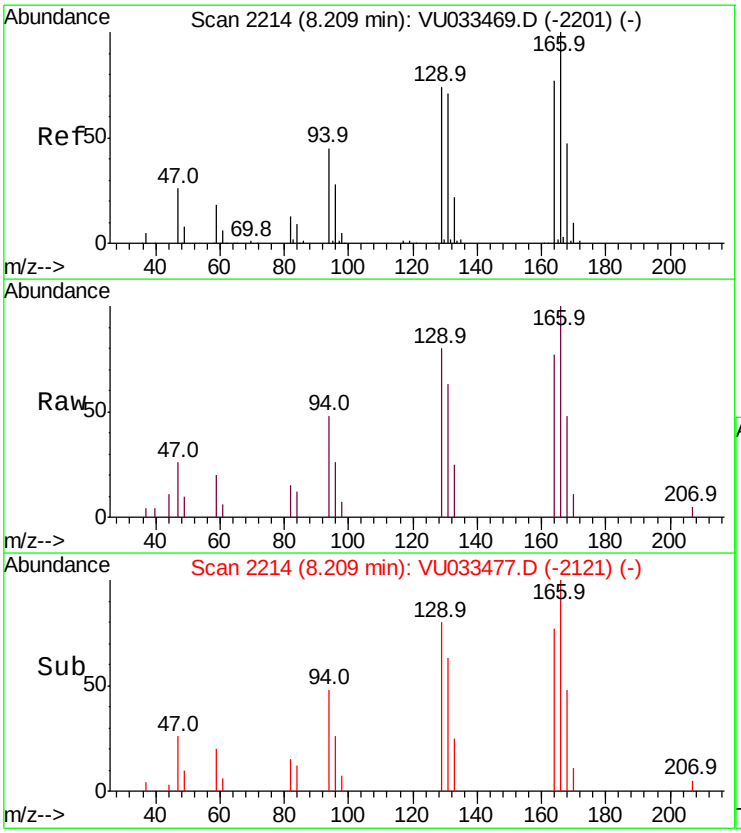
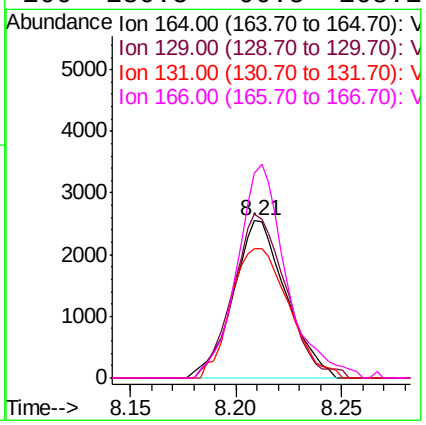
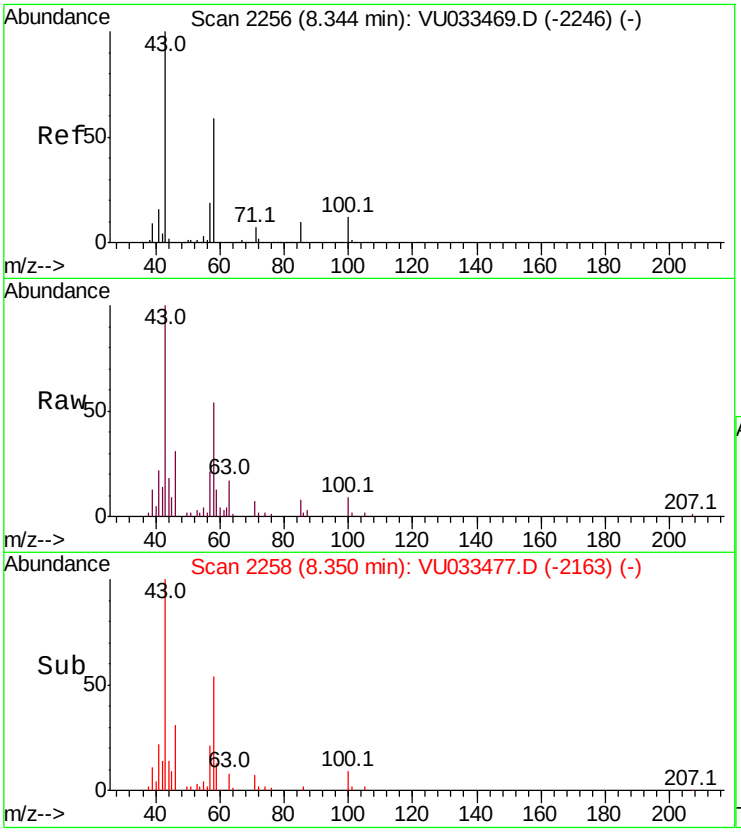


#46
Tetrachloroethene
Concen: 2.383 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:164 Resp: 4442

Ion	Ratio	Lower	Upper
164	100		
129	104.2	66.6	123.8
131	82.0	63.9	118.7
166	130.5	90.5	168.1

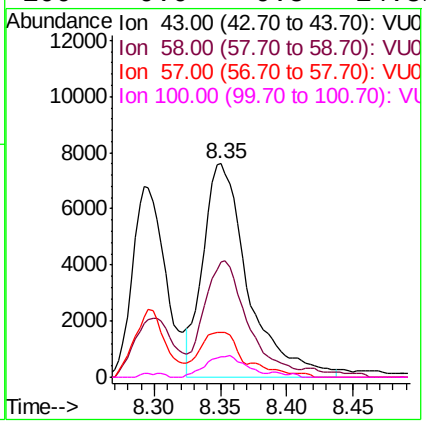




#48
2-Hexanone
Concen: 7.088 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 43 Resp: 17993

Ion	Ratio	Lower	Upper
43	100		
58	49.9	46.6	69.8
57	14.7	16.0	24.0#
100	9.0	9.5	14.3#



Instrument :
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ClientSampleId :
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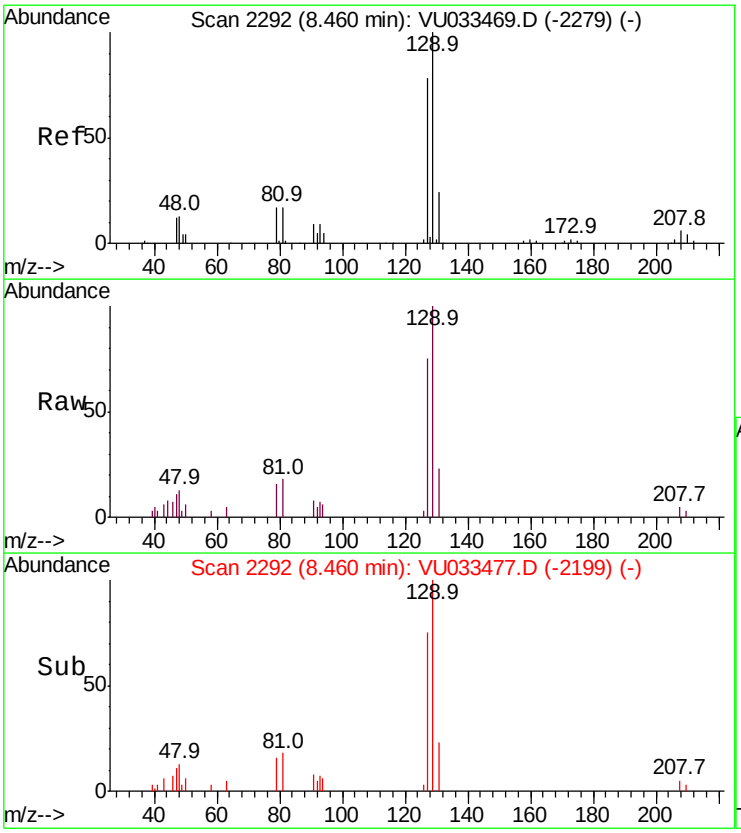
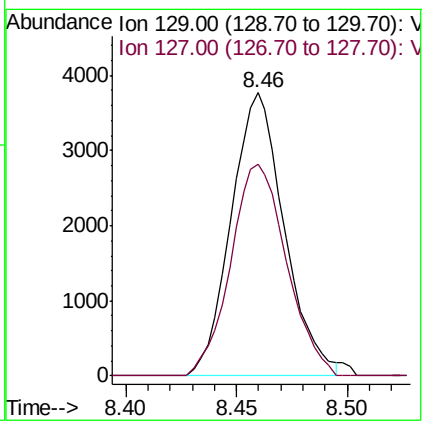
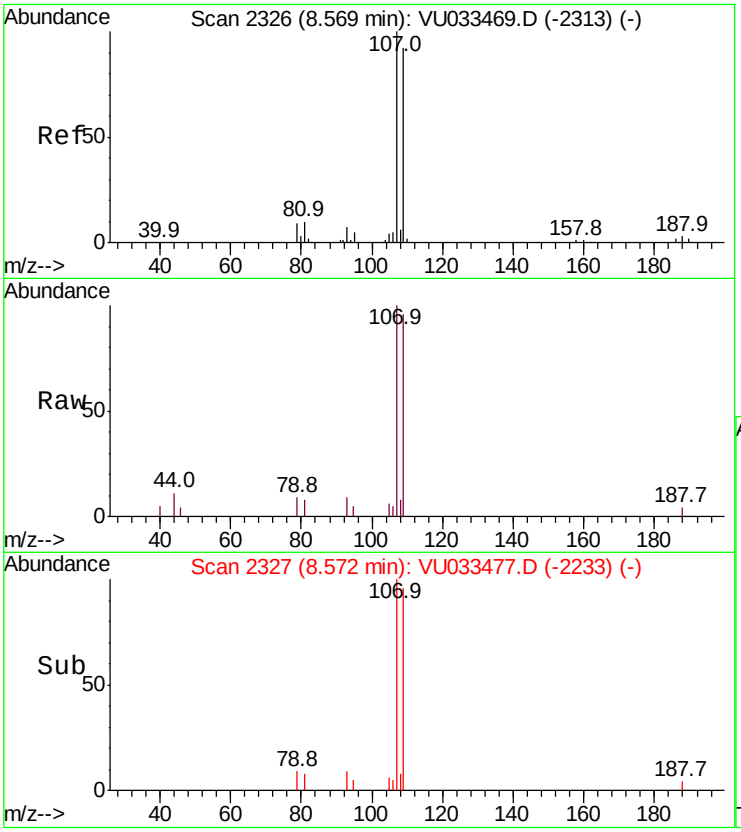


#49
Dibromochloromethane
Concen: 2.497 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:129 Resp: 6304

Ion	Ratio	Lower	Upper
129	100		
127	74.7	54.5	101.1

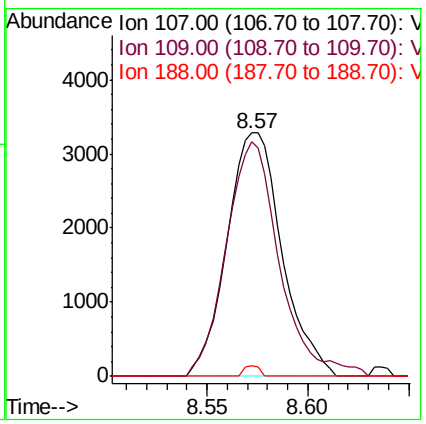




#50
1,2-Dibromoethane
Concen: 2.559 ug/L
RT: 8.57 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:107 Resp: 6259

Ion	Ratio	Lower	Upper
107	100		
109	96.3	64.7	120.1
188	4.5	2.8	4.2#



Instrument :
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ClientSampleId :
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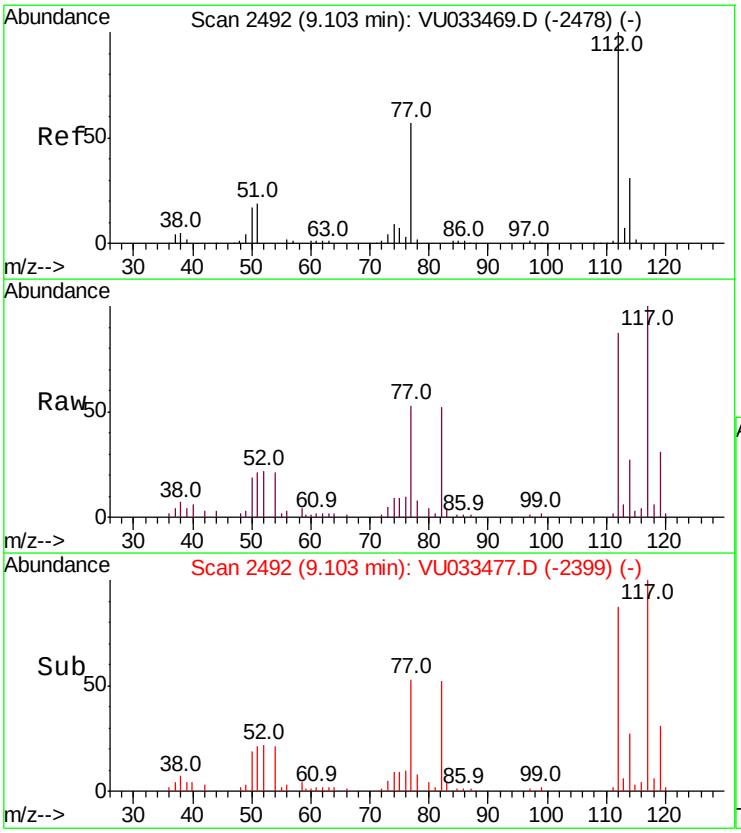
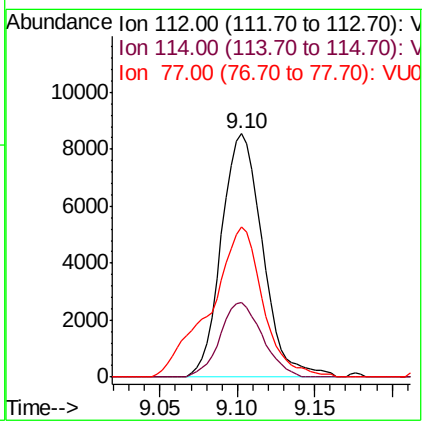
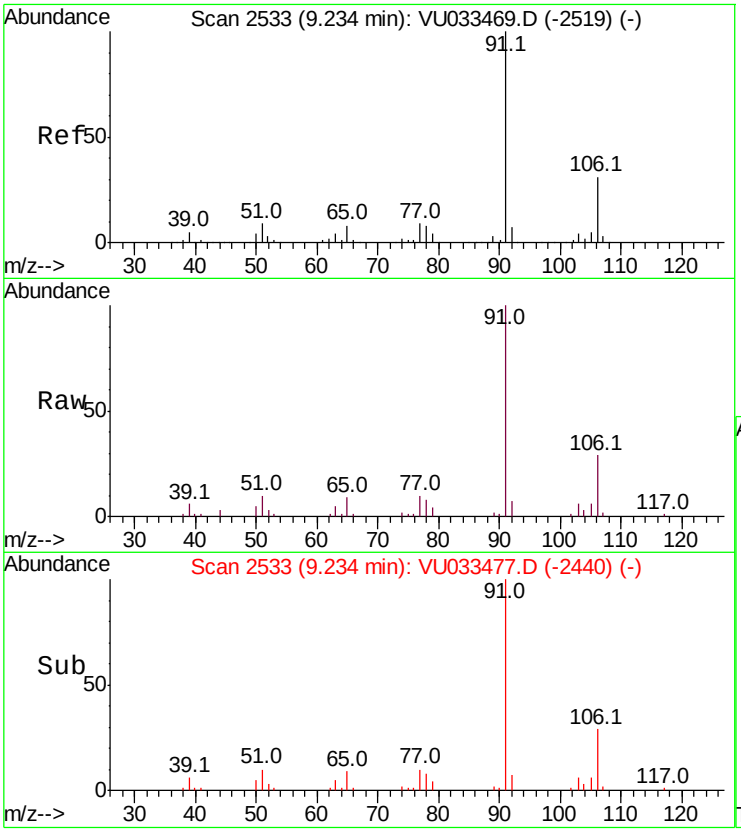


#51
Chlorobenzene
Concen: 2.519 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:112 Resp: 15830

Ion	Ratio	Lower	Upper
112	100		
114	30.6	21.9	40.7
77	61.4	46.1	69.1

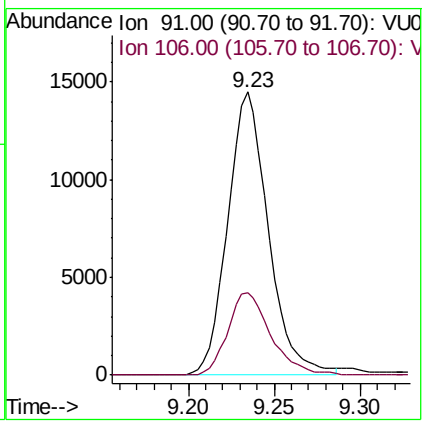




#52
Ethylbenzene
Concen: 2.332 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 91 Resp: 23914

Ion	Ratio	Lower	Upper
91	100		
106	29.0	21.6	40.2



Instrument :
MSVOA_U
ClientSampleId :
MDL01

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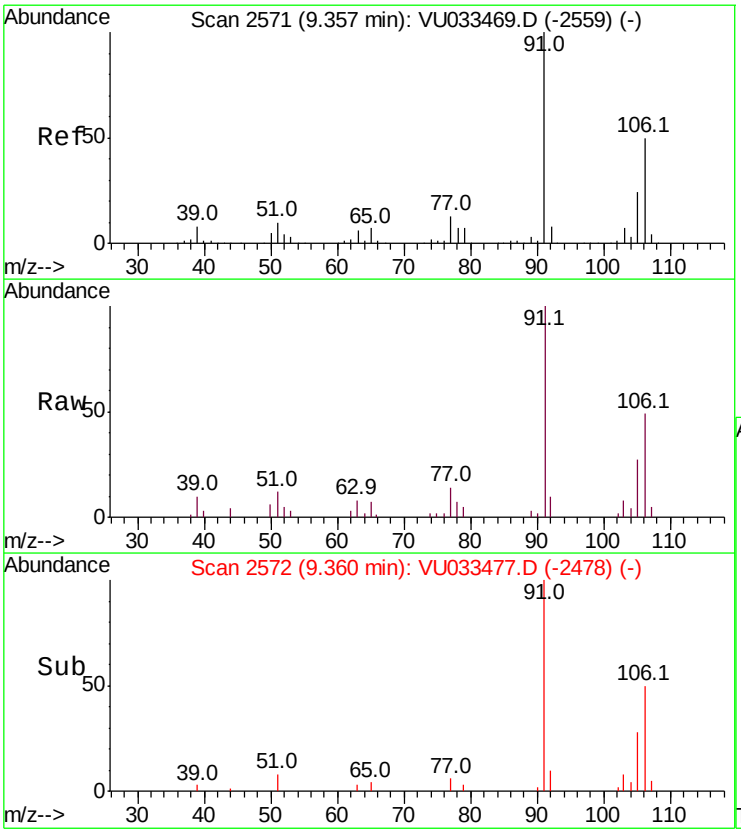
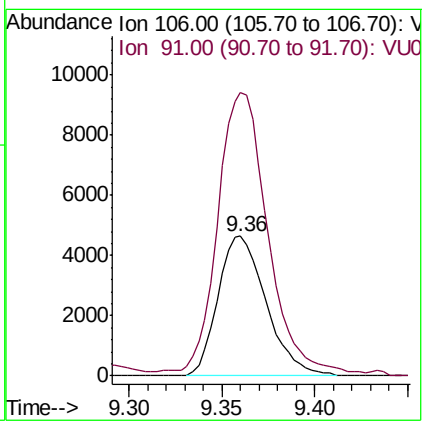
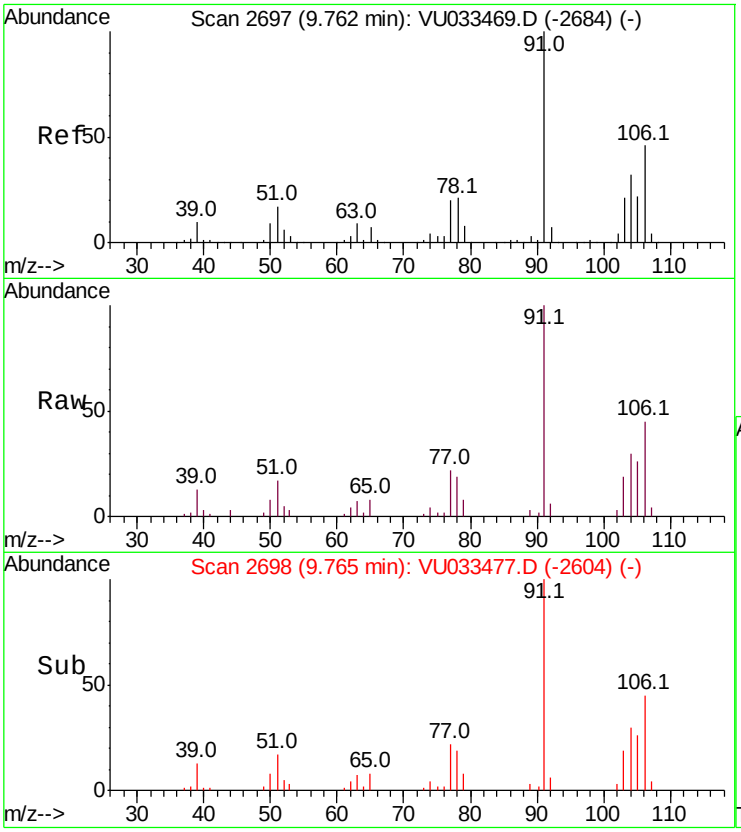


#53
m,p-Xylene
Concen: 2.168 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:106 Resp: 8362

Ion	Ratio	Lower	Upper
106	100		
91	203.0	140.7	261.3

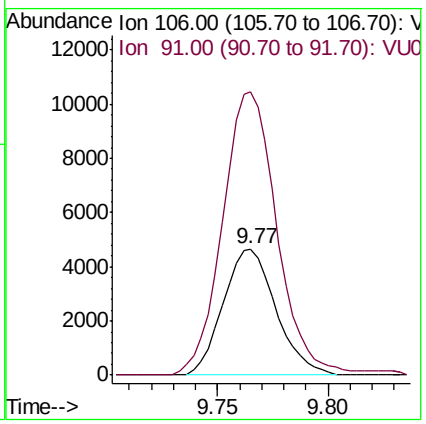




#54
o-xylene
Concen: 2.046 ug/L
RT: 9.77 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:106 Resp: 7735

Ion	Ratio	Lower	Upper
106	100		
91	224.7	151.1	280.7



Instrument :
MSVOA_U
ClientSampleId :
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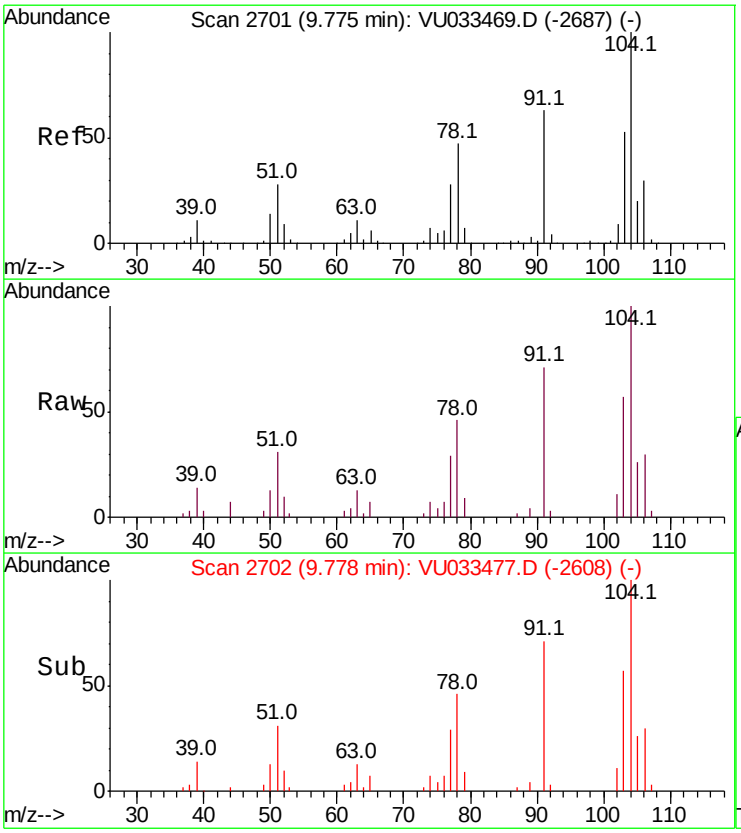
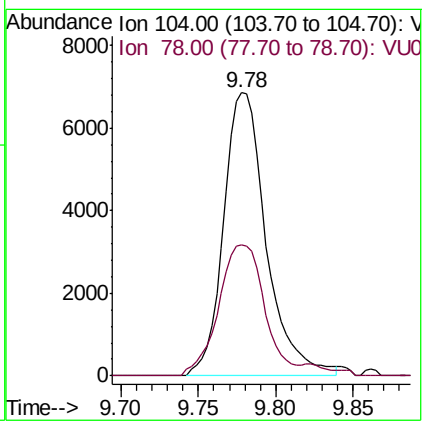
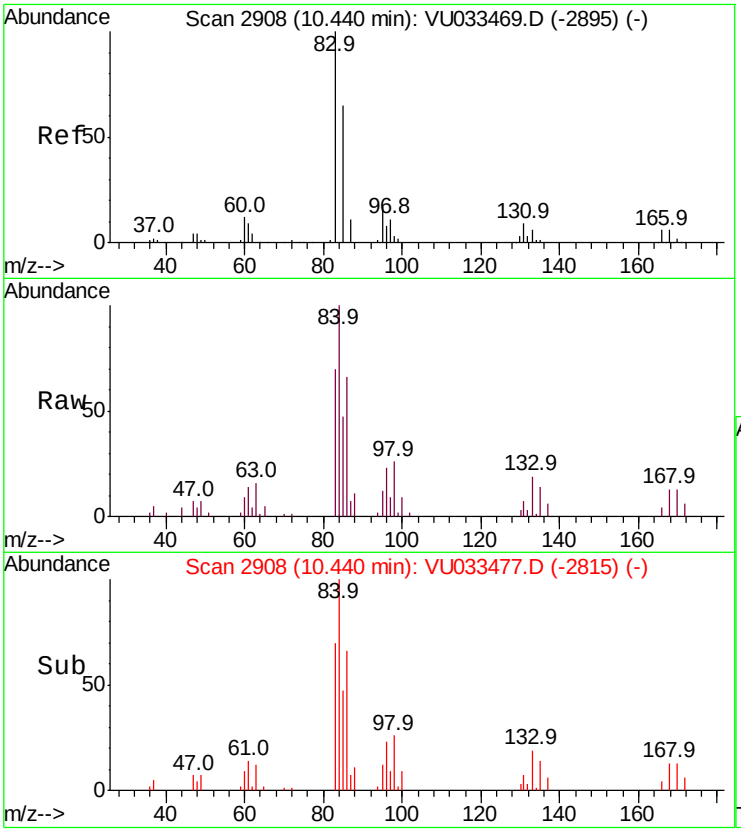


#55
Styrene
Concen: 2.045 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:104 Resp: 13119

Ion	Ratio	Lower	Upper
104	100		
78	46.3	32.6	60.5

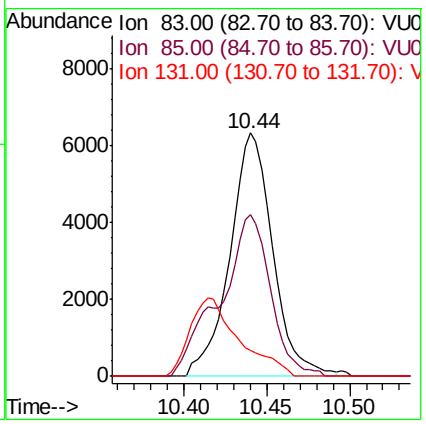




#57
1,1,2,2-Tetrachloroethane
Concen: 2.838 ug/L
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 83 Resp: 11377

Ion	Ratio	Lower	Upper
83	100		
85	66.3	45.9	85.3
131	10.6	7.8	11.8



Instrument :
MSVOA_U
ClientSampleId :
MDL01

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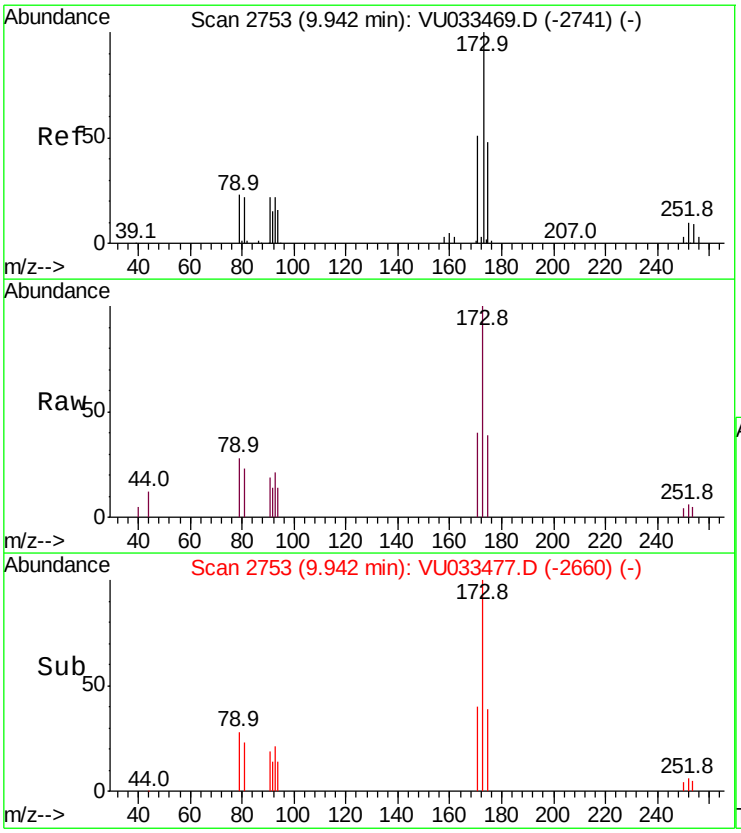
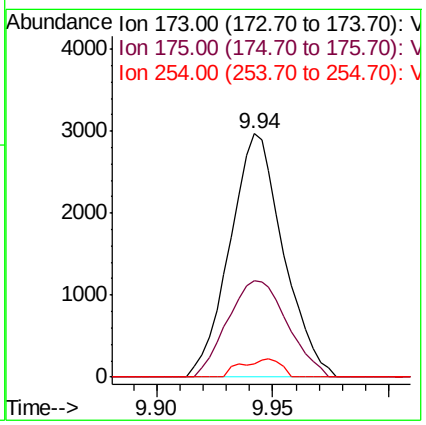
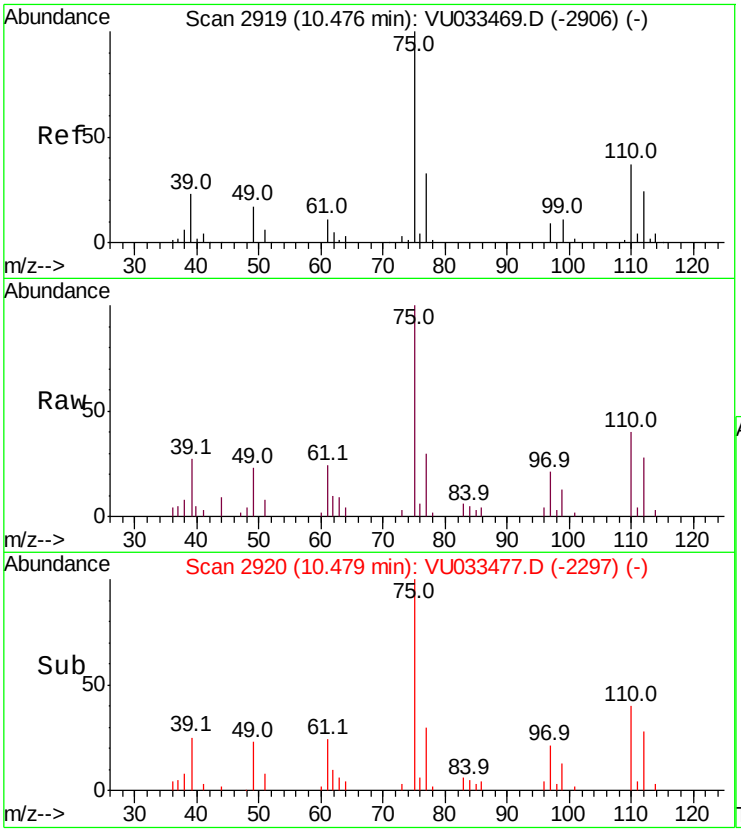


#59
Bromoform
Concen: 2.799 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:173 Resp: 4755

Ion	Ratio	Lower	Upper
173	100		
175	44.2	38.1	57.1
254	1.7	7.3	10.9#





#60
1,2,3-Trichloropropane
Concen: 2.992 ug/L
RT: 10.48 min Scan# 2920
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 75 Resp: 8279

Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.9	38.9
110	35.0	30.2	45.4

Instrument :
MSVOA_U
ClientSampleId :
MDL01

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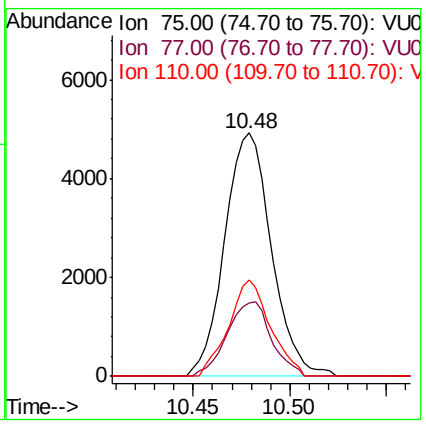
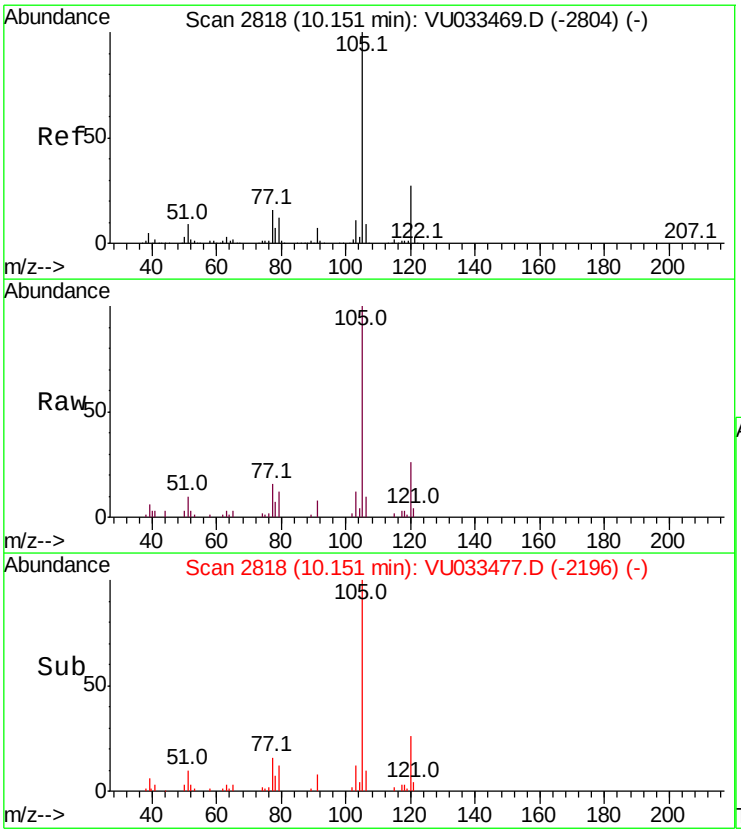
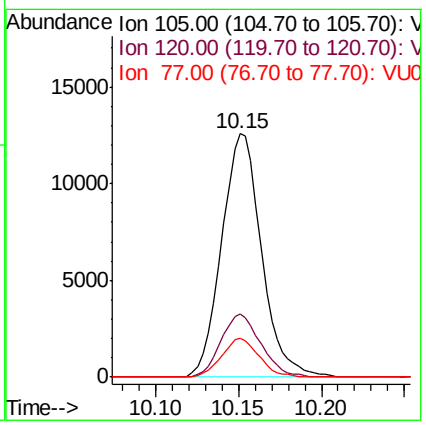


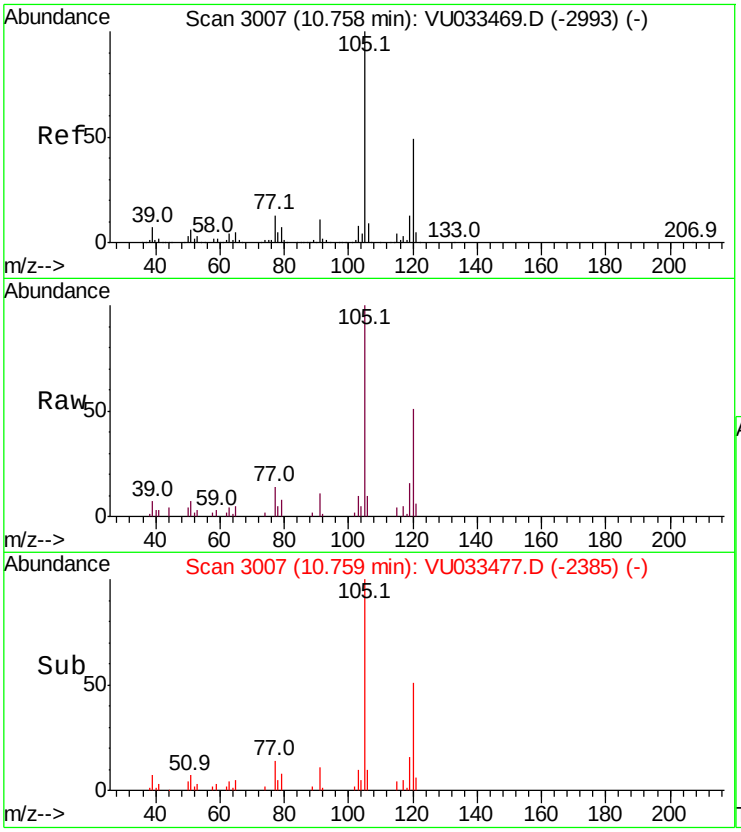


#61
Isopropylbenzene
Concen: 2.417 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:105 Resp: 21026

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.7	32.5
77	14.8	12.6	19.0

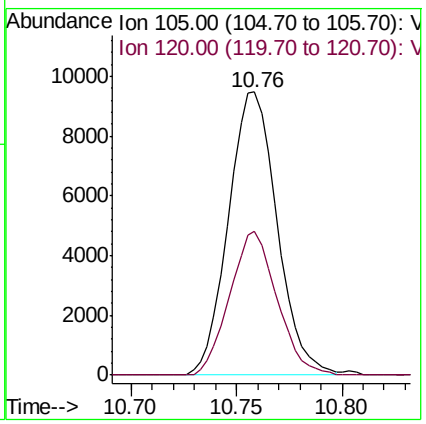




#62
1,3,5-Trimethylbenzene
Concen: 2.158 ug/L
RT: 10.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:105 Resp: 15212

Ion	Ratio	Lower	Upper
105	100		
120	49.3	39.0	58.6



Instrument :
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ClientSampleId :
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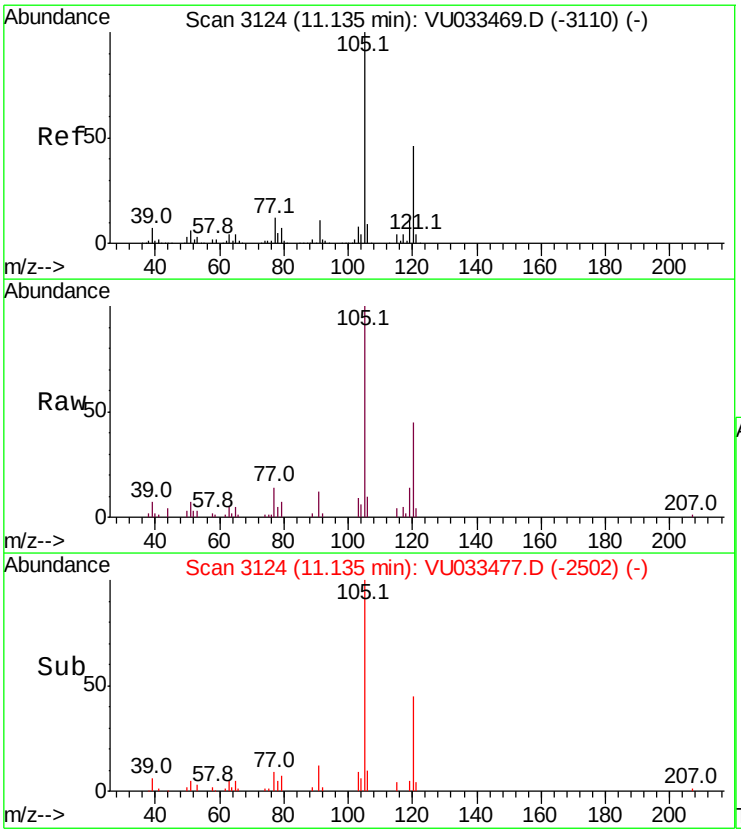
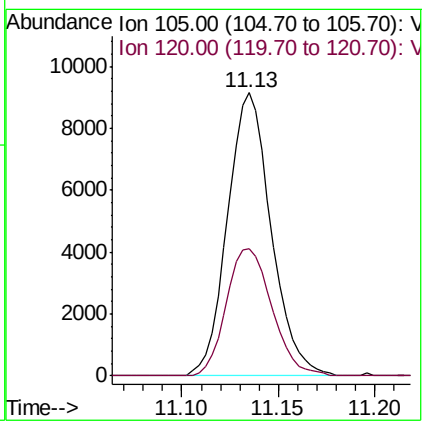
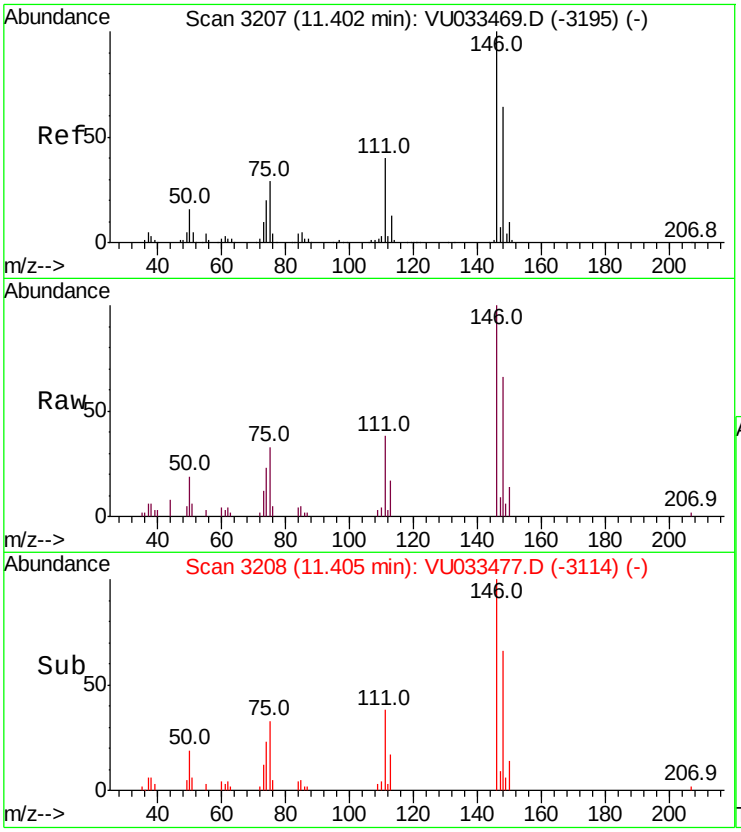


#63
1,2,4-Trimethylbenzene
Concen: 2.050 ug/L
RT: 11.13 min Scan# 3124
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:105 Resp: 14333

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.6	55.0

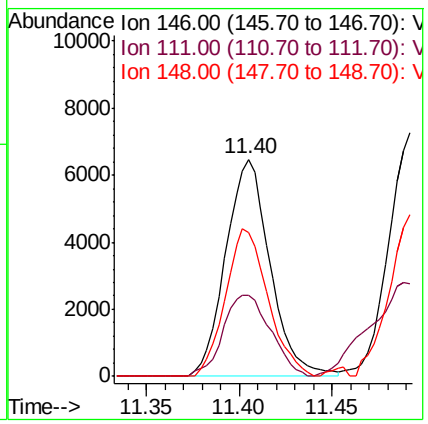




#64
1,3-Dichlorobenzene
Concen: 2.424 ug/L
RT: 11.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:146 Resp: 10750

Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.2	52.4
148	66.4	44.4	82.5



Instrument :
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ClientSampleId :
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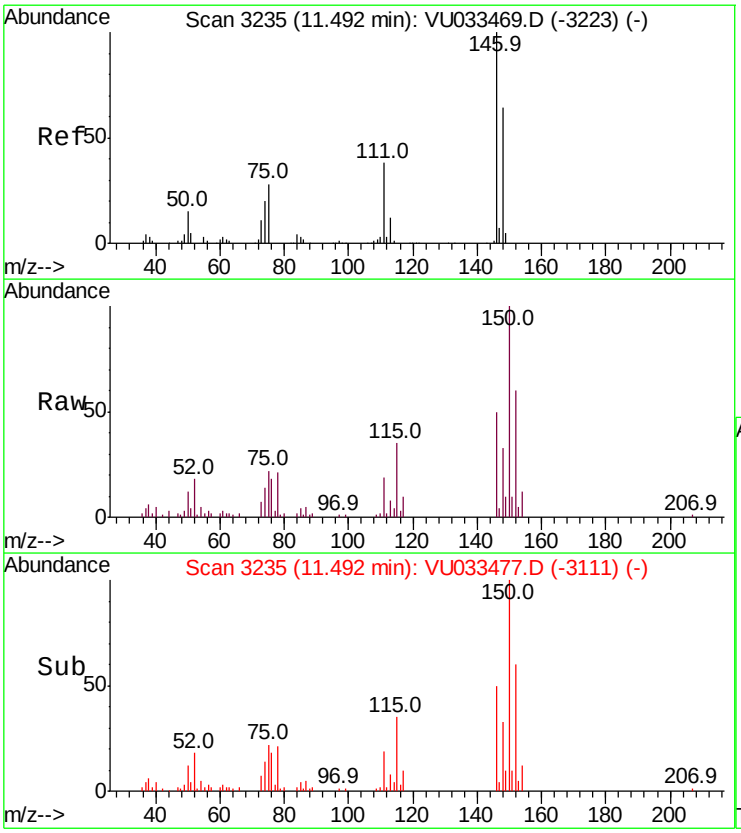
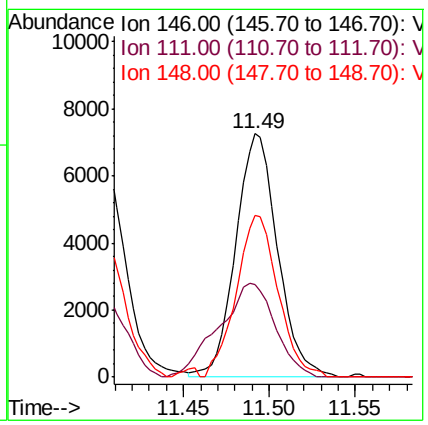
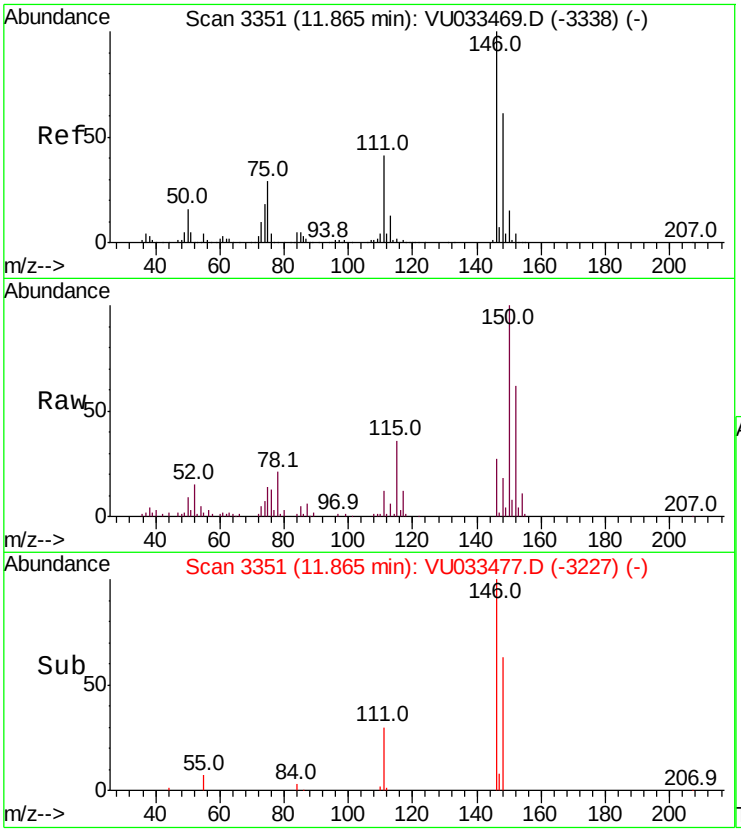


#65
1,4-Dichlorobenzene
Concen: 2.683 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:146 Resp: 12289

Ion	Ratio	Lower	Upper
146	100		
111	37.8	27.0	50.2
148	66.6	44.7	82.9





#67
1,2-Dichlorobenzene
Concen: 2.727 ug/L
RT: 11.86 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:146 Resp: 12117

Ion	Ratio	Lower	Upper
146	100		
111	46.1	32.8	49.2
148	66.6	49.2	73.8

Instrument :
MSVOA_U
ClientSampleId :
MDL01

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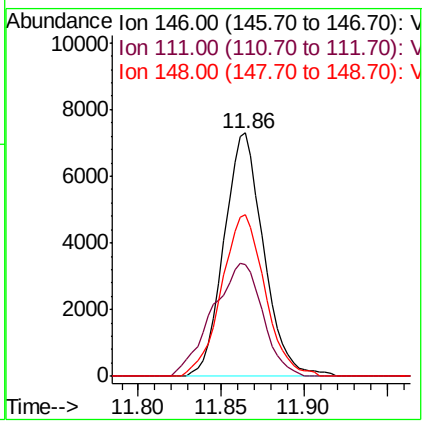
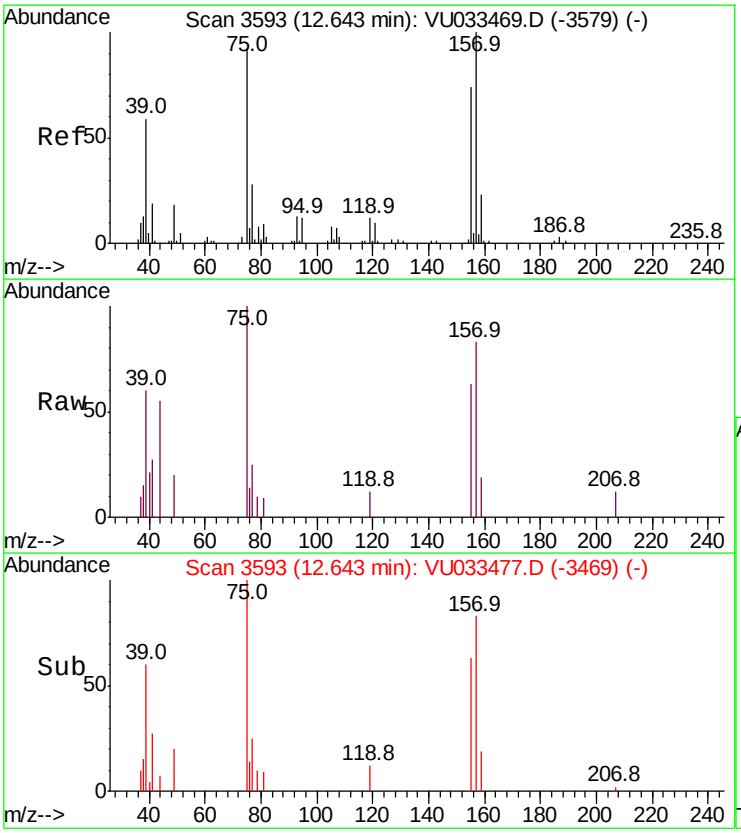
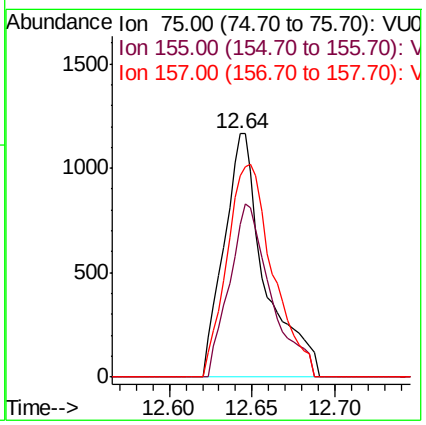


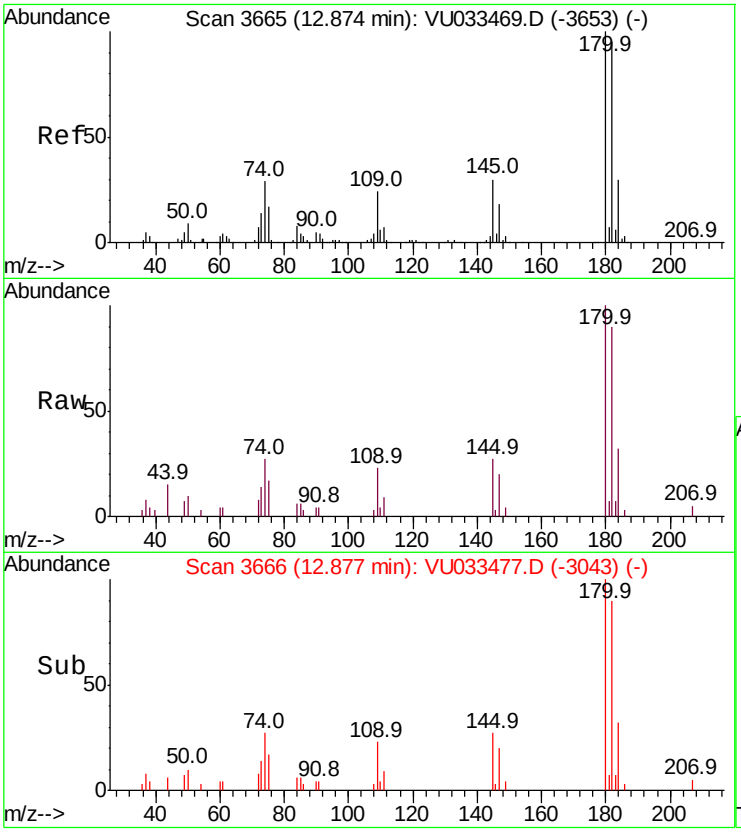


#68
1,2-Dibromo-3-chloropropane
Concen: 2.610 ug/L
RT: 12.64 min Scan# 3593
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion: 75 Resp: 2008

Ion	Ratio	Lower	Upper
75	100		
155	63.0	64.8	97.2#
157	82.9	87.1	130.7#

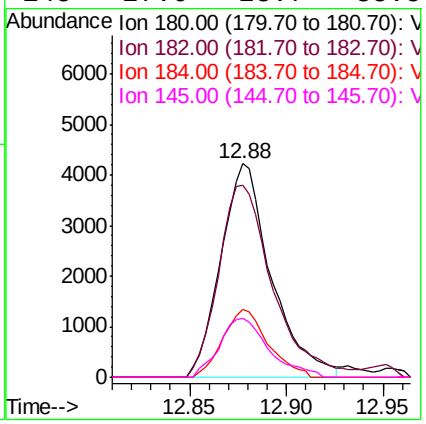




#69
1,3,5-Trichlorobenzene
Concen: 2.271 ug/L
RT: 12.88 min Scan# 3666
Delta R.T. 0.00 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

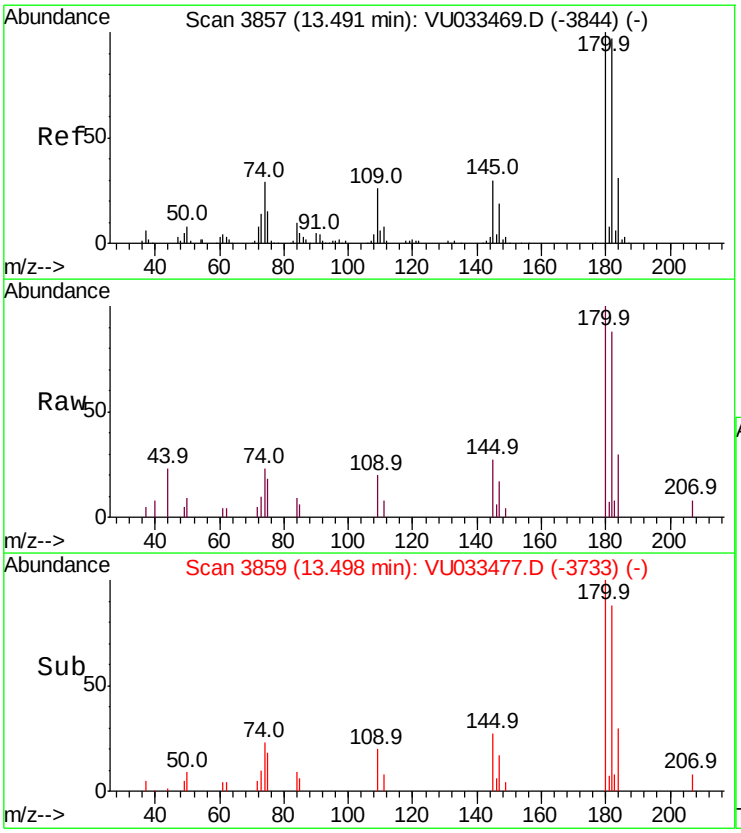
Tgt Ion:180 Resp: 7646

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
184	28.4	24.1	36.1
145	27.0	23.7	35.5



Instrument :
MSVOA_U
ClientSampleId :
MDL01

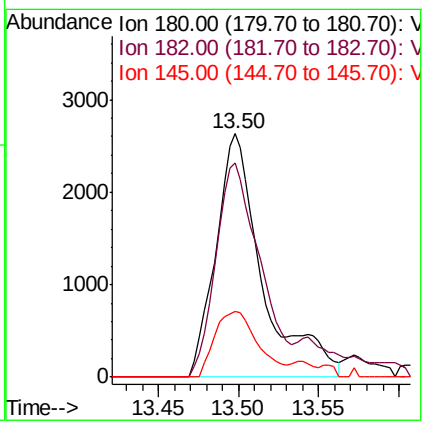
Manual Integrations APPROVED
MMDadoda
7/30/2019 3:01:07 PM

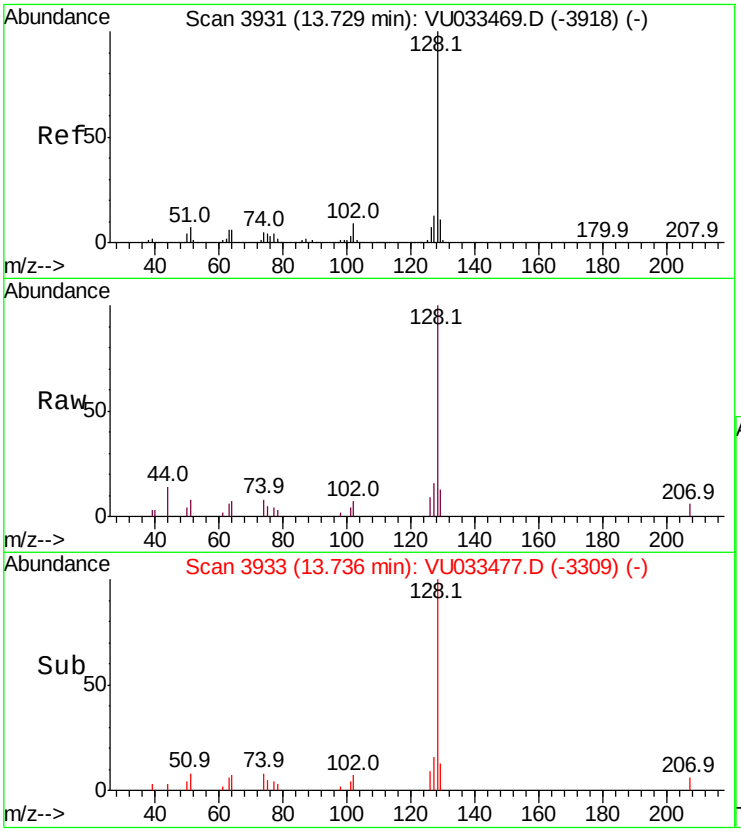


#70
1,2,4-trichlorobenzene
Concen: 1.892 ug/L m
RT: 13.50 min Scan# 3859
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:180 Resp: 5316

Ion	Ratio	Lower	Upper
180	100		
182	83.5	77.5	116.3
145	25.3	23.9	35.9

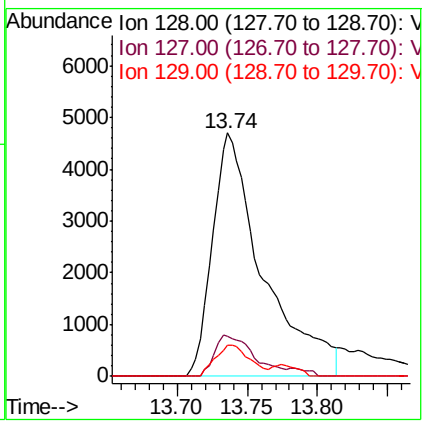




#71
Naphthalene
Concen: 1.442 ug/L
RT: 13.74 min Scan# 3933
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

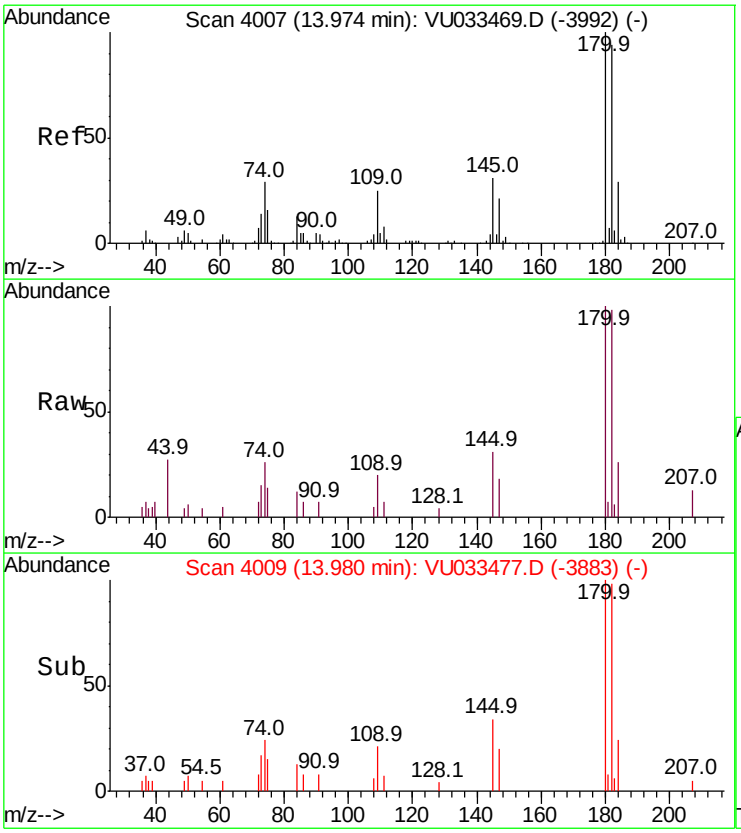
Tgt Ion:128 Resp: 11719

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	8.8	8.7	13.1



Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
7/30/2019 3:01:07 PM



#72
1,2,3-Trichlorobenzene
Concen: 1.909 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU033477.D
Acq: 29 Jul 2019 18:51

Tgt Ion:180 Resp: 5620

Ion	Ratio	Lower	Upper
180	100		
182	85.2	76.4	114.6
145	26.8	24.9	37.3