Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

Quantitation Report (Not Reviewed)

Data File : VU025887.D
Acq On : 06 Aug 2018 15:44
Operator : MD/SY
Sample : VU0806MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Quant Time: Aug 07 00:52:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	246550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	132900	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.36%			
35) Dibromofluoromethane	4.89	113	108440	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.14%			
50) Toluene-d8	7.57	98	383969	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
62) 4-Bromofluorobenzene	10.31	95	142568	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	41263	16.383	ug/l	99
3) Chloromethane	1.33	50	44642	18.544	ug/l	99
4) Vinyl Chloride	1.41	62	42653	18.827	ug/l	100
5) Bromomethane	1.63	94	25815	23.330	ug/l	100
6) Chloroethane	1.70	64	26377	19.912	ug/l	97
7) Trichlorofluoromethane	1.89	101	65400	19.966	ug/l	99
8) Diethyl Ether	2.10	74	23495	19.824	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37996	20.044	ug/l	99
10) Methyl Iodide	2.41	142	31752	23.467	ug/l	99
11) Tert butyl alcohol	2.83	59	52086	91.624	ug/l	100
12) 1,1-Dichloroethene	2.28	96	35342	19.752	ug/l	96
13) Acrolein	2.20	56	35471	171.657	ug/l	97
14) Allyl chloride	2.60	41	63944	19.886	ug/l	98
15) Acrylonitrile	2.94	53	121376	106.938	ug/l	98
16) Acetone	2.32	43	154906	122.368	ug/l	98
17) Carbon Disulfide	2.48	76	112336	19.399	ug/l	99
18) Methyl Acetate	2.62	43	58560	19.220	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	135524	20.901	ug/l	98
20) Methylene Chloride	2.71	84	45442	20.255	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41617	20.121	ug/l	99
22) Diisopropyl ether	3.58	45	134073	21.159	ug/l	98
23) Vinyl Acetate	3.53	43	588221	106.522	ug/l	99
24) 1,1-Dichloroethane	3.45	63	81530	21.435	ug/l	97
25) 2-Butanone	4.27	43	220025	127.680	ug/l	100
26) 2,2-Dichloropropane	4.23	77	73985	21.400	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	48212	20.674	ug/l	98
28) Bromochloromethane	4.55	49	36761	21.616	ug/l	100
29) Tetrahydrofuran	4.64	42	109058	105.634	ug/l	98
30) Chloroform	4.68	83	83657	20.837	ug/l	100
31) Cyclohexane	5.00	56	69784	20.287	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	76875	21.267	ug/l	98
36) 1,1-Dichloropropene	5.14	75	59256	20.565	ug/l	98
37) Ethyl Acetate	4.39	43	66029	22.101	ug/l	98
38) Carbon Tetrachloride	5.14	117	68219	20.903	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

Quantitation Report (Not Reviewed)

Data File : VU025887.D
Acq On : 06 Aug 2018 15:44
Operator : MD/SY
Sample : VU0806MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Quant Time: Aug 07 00:52:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	64202	19.447	ug/l		96
40) Benzene	5.39	78	173365	20.584	ug/l		98
41) Methacrylonitrile	4.55	41	34662	20.888	ug/l		98
42) 1,2-Dichloroethane	5.41	62	69152	21.323	ug/l		99
43) Isopropyl Acetate	5.55	43	102078	20.676	ug/l		99
44) Trichloroethene	6.19	130	48924	20.859	ug/l		98
45) 1,2-Dichloropropane	6.44	63	46328	21.091	ug/l		99
46) Dibromomethane	6.56	93	33701	21.174	ug/l		97
47) Bromodichloromethane	6.76	83	63745	20.997	ug/l		99
48) Methyl methacrylate	6.63	41	49992	20.660	ug/l		98
49) 1,4-Dioxane	6.62	88	21779	369.869	ug/l		95
51) 4-Methyl-2-Pentanone	7.46	43	408321	132.104	ug/l		99
52) Toluene	7.64	92	111121	21.237	ug/l		99
53) t-1,3-Dichloropropene	7.88	75	71518	20.980	ug/l		96
54) cis-1,3-Dichloropropene	7.27	75	74246	21.203	ug/l		96
55) 1,1,2-Trichloroethane	8.07	97	45160	20.768	ug/l		99
56) Ethyl methacrylate	8.02	69	62816	20.219	ug/l		100
57) 1,3-Dichloropropane	8.25	76	77801	21.276	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.13	63	117099	87.953	ug/l		99
59) 2-Hexanone	8.36	43	311533	128.579	ug/l		99
60) Dibromochloromethane	8.48	129	52843	20.608	ug/l		100
61) 1,2-Dibromoethane	8.59	107	49777	20.584	ug/l		98
64) Tetrachloroethene	8.23	164	45422	21.197	ug/l		98
65) Chlorobenzene	9.12	112	126737	20.192	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.21	131	47164	20.771	ug/l		98
67) Ethyl Benzene	9.25	91	208806	20.083	ug/l		99
68) m/p-Xylenes	9.38	106	163485	40.957	ug/l		99
69) o-Xylene	9.78	106	77843	19.954	ug/l		97
70) Styrene	9.80	104	129994	20.629	ug/l		99
71) Bromoform	9.96	173	39534	20.080	ug/l	#	100
73) Isopropylbenzene	10.17	105	214429	20.878	ug/l		99
74) N-amyl acetate	10.02	43	88148	21.023	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.46	83	73707	20.752	ug/l		99
76) 1,2,3-Trichloropropane	10.50	75	87556	26.407	ug/l		83
77) Bromobenzene	10.45	156	57891	20.435	ug/l		99
78) n-propylbenzene	10.59	91	252547	21.067	ug/l		100
79) 2-Chlorotoluene	10.66	91	148561	21.158	ug/l		99
80) 1,3,5-Trimethylbenzene	10.78	105	180806	20.728	ug/l		98
81) trans-1,4-Dichloro-2-buten	10.50	75	87556	66.217	ug/l	#	100
82) 4-Chlorotoluene	10.78	91	172795	20.878	ug/l		97
83) tert-Butylbenzene	11.10	119	171756	19.819	ug/l		99
84) 1,2,4-Trimethylbenzene	11.15	105	184805	20.908	ug/l		97
85) sec-Butylbenzene	11.33	105	214171	20.241	ug/l		99
86) p-Isopropyltoluene	11.48	119	192141	20.280	ug/l		99
87) 1,3-Dichlorobenzene	11.42	146	107025	20.353	ug/l		99
88) 1,4-Dichlorobenzene	11.51	146	108572	19.808	ug/l		97
89) n-Butylbenzene	11.89	91	167452	19.152	ug/l		98
90) Hexachloroethane	12.15	117	32916	19.540	ug/l		98
91) 1,2-Dichlorobenzene	11.88	146	105264	20.423	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17509	20.794	ug/l		94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

Quantitation Report (Not Reviewed)

Data File : VU025887.D
Acq On : 06 Aug 2018 15:44
Operator : MD/SY
Sample : VU0806MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Quant Time: Aug 07 00:52:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	67159	19.306	ug/l	99
94) Hexachlorobutadiene	13.70	225	32066	17.487	ug/l	98
95) Naphthalene	13.75	128	191398	17.951	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67087	19.332	ug/l	98

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

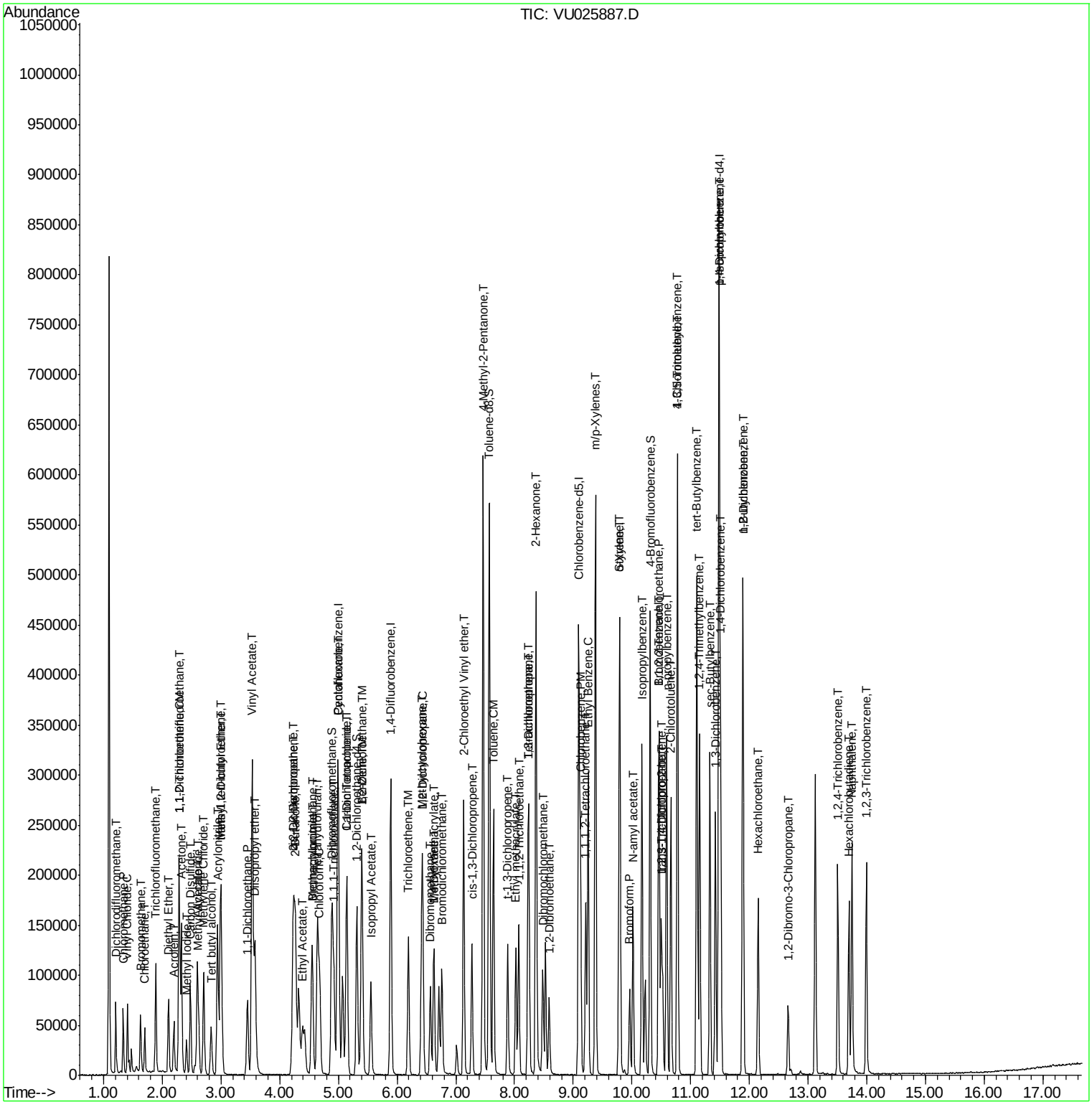
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

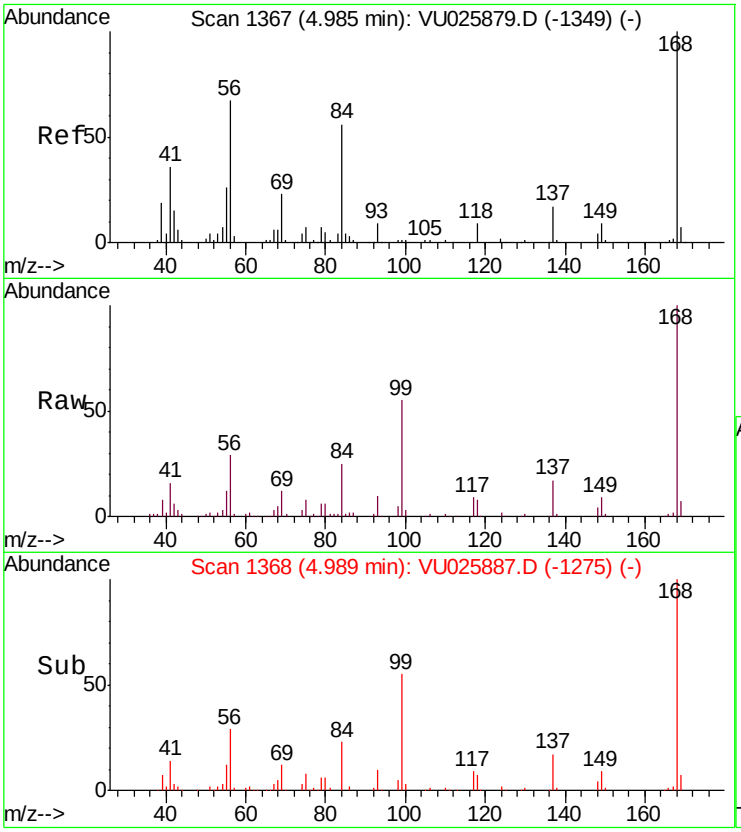
Quantitation Report (Not Reviewed)

Data File : VU025887.D
Acq On : 06 Aug 2018 15:44
Operator : MD/SY
Sample : VU0806MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Quant Time: Aug 07 00:52:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration



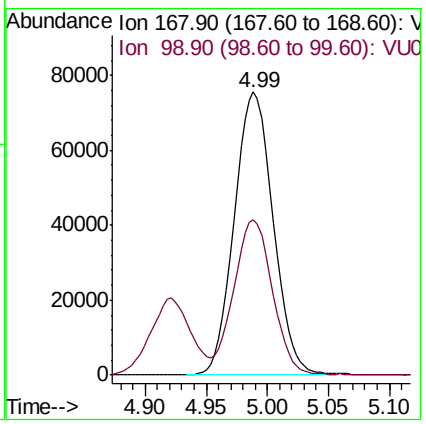


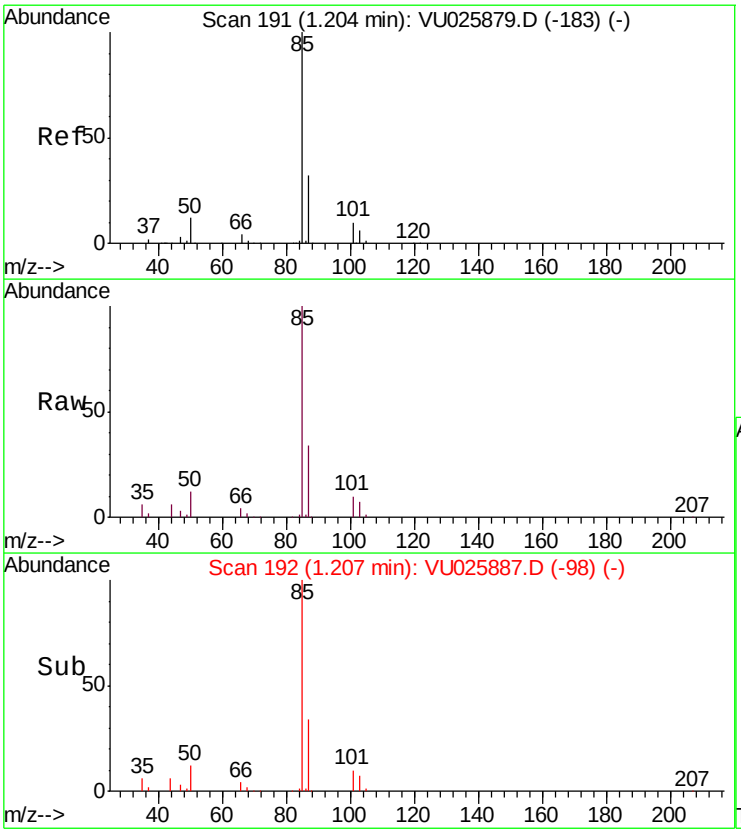
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion:168 Resp: 166645

Ion	Ratio	Lower	Upper
168	100		
99	54.7	42.8	64.2

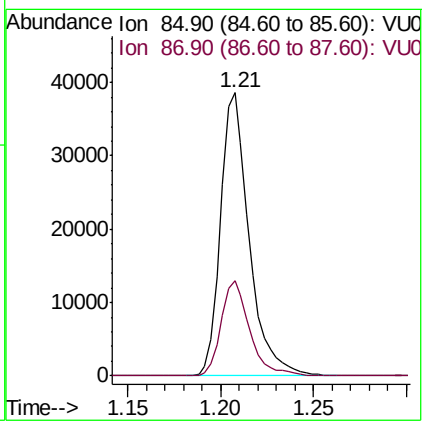


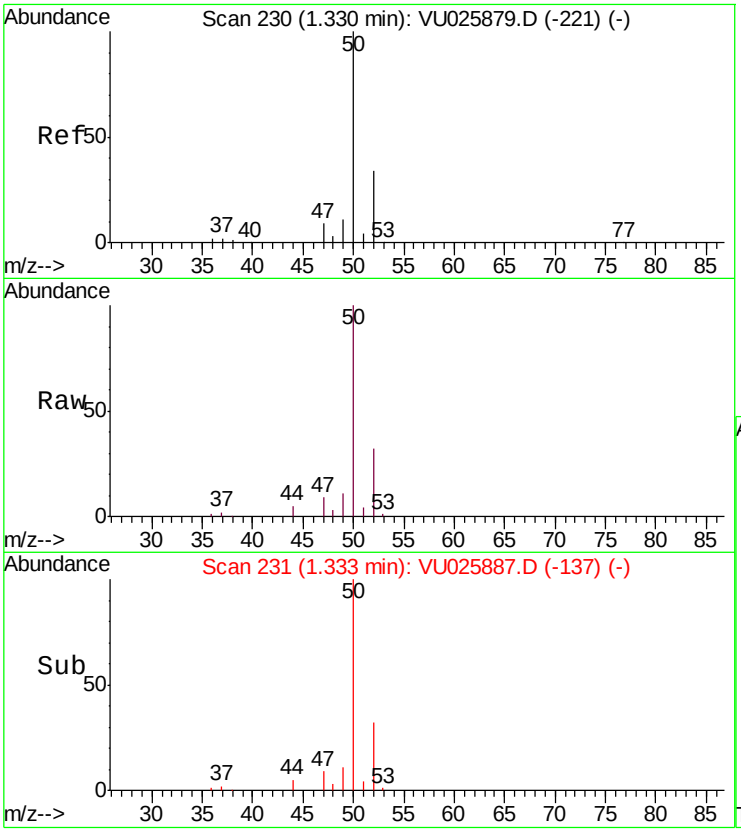


#2
Dichlorodifluoromethane
Concen: 16.383 ug/l
RT: 1.21 min Scan# 192
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 85 Resp: 41263

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.5	49.5



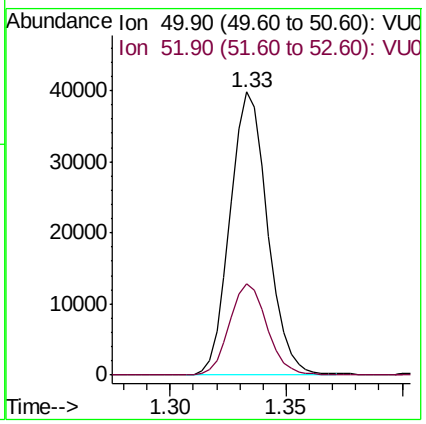


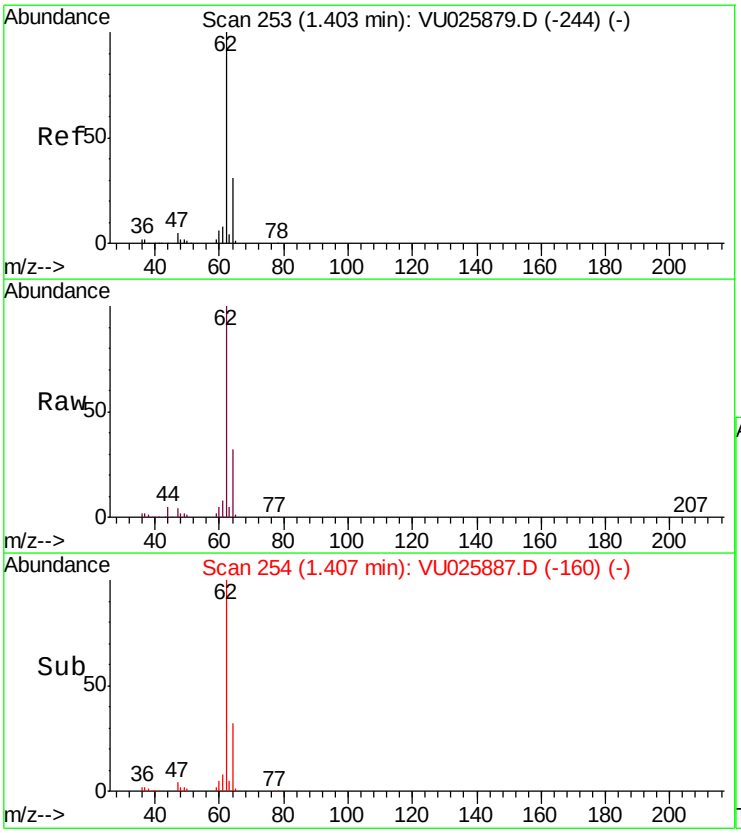
#3
Chloromethane
Concen: 18.544 ug/l
RT: 1.33 min Scan# 231
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 50 Resp: 44642

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.5	39.7

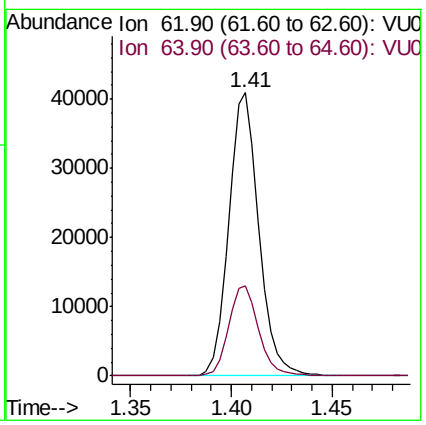


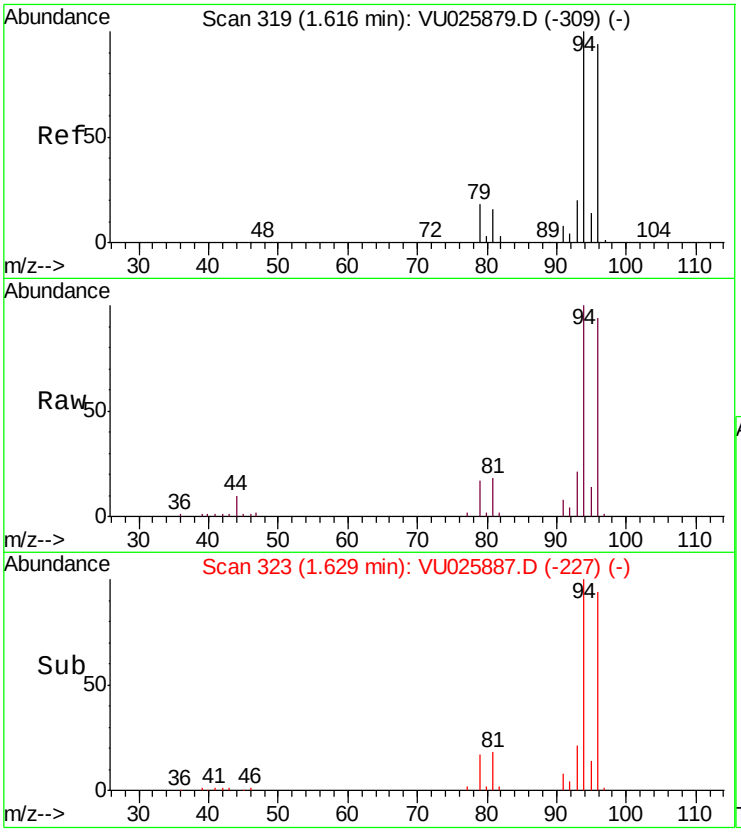


#4
Vinyl Chloride
Concen: 18.827 ug/l
RT: 1.41 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 62 Resp: 42653

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.0



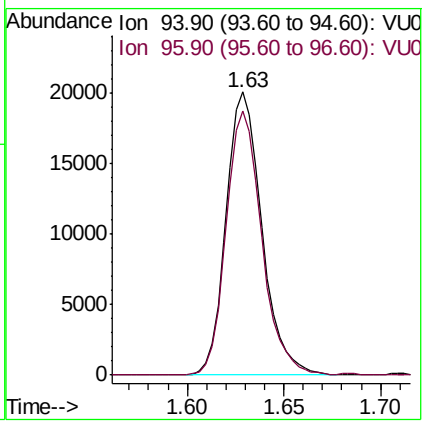


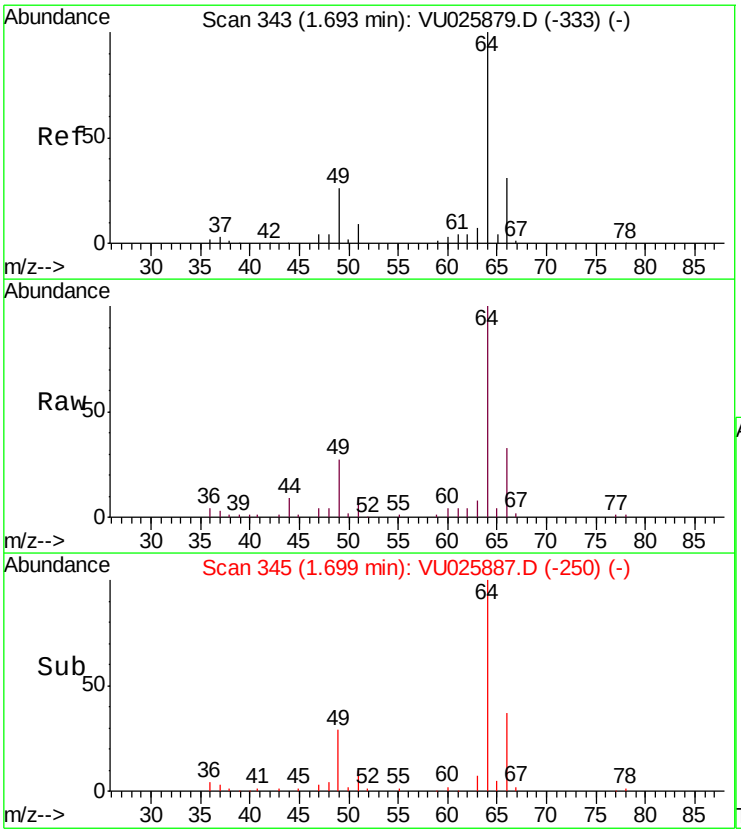
#5
Bromomethane
Concen: 23.330 ug/l
RT: 1.63 min Scan# 323
Delta R.T. 0.01 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 94 Resp: 25815

Ion	Ratio	Lower	Upper
94	100		
96	93.5	75.0	112.4

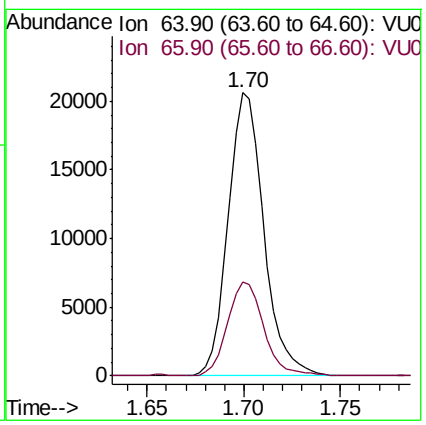


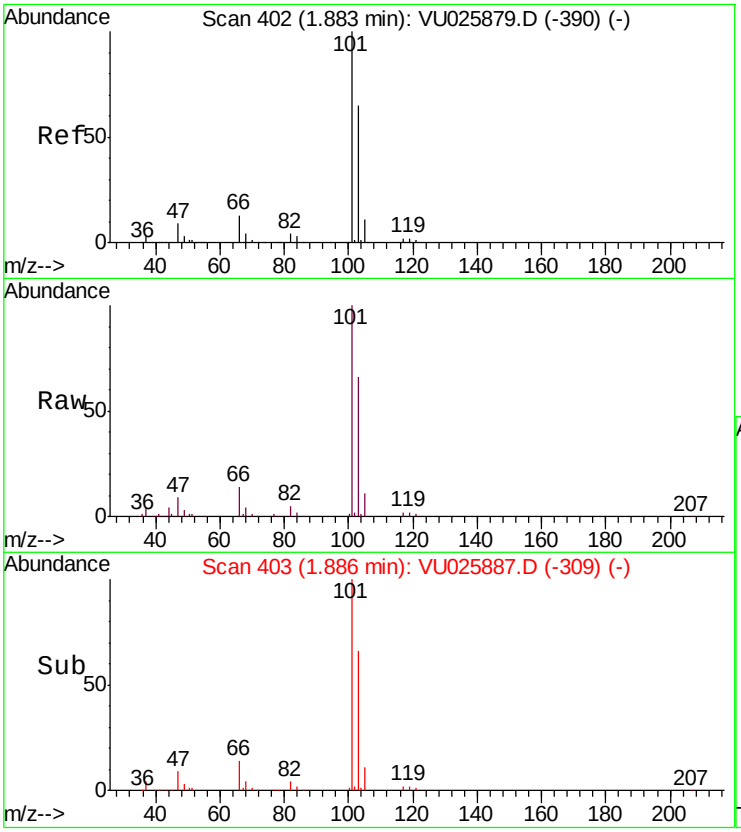


#6
Chloroethane
Concen: 19.912 ug/l
RT: 1.70 min Scan# 345
Delta R.T. 0.01 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 64 Resp: 26377

Ion	Ratio	Lower	Upper
64	100		
66	33.1	25.0	37.4



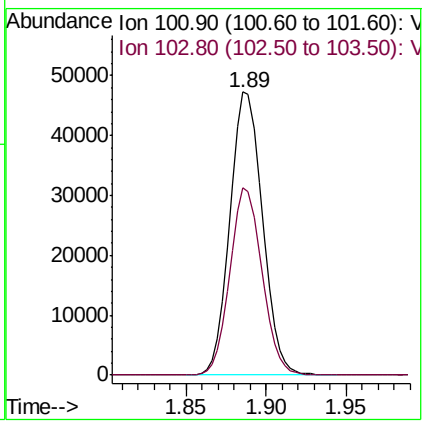


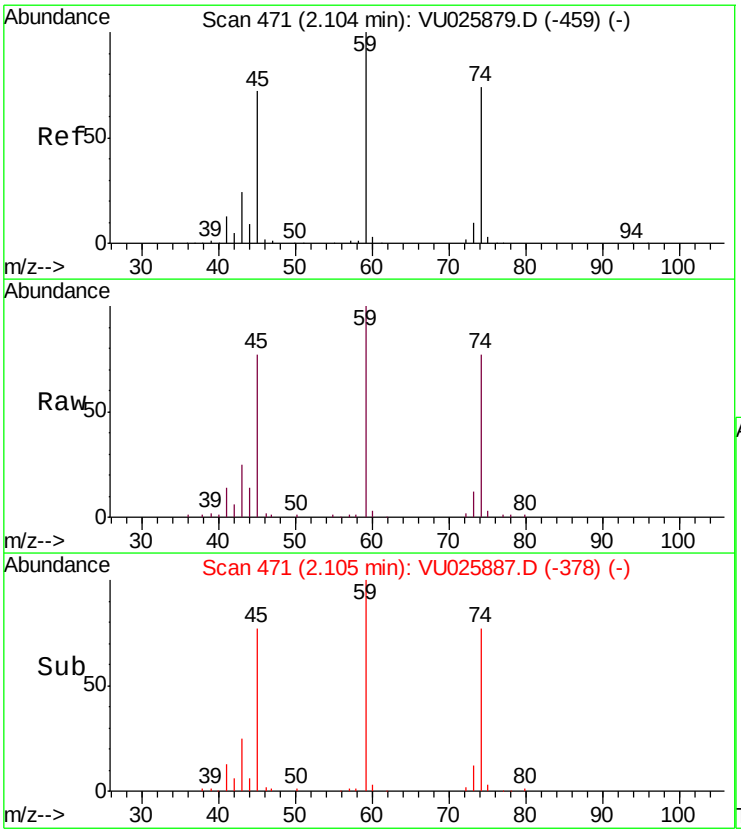
#7
Trichlorofluoromethane
Concen: 19.966 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion:101 Resp: 65400

Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.2	78.2

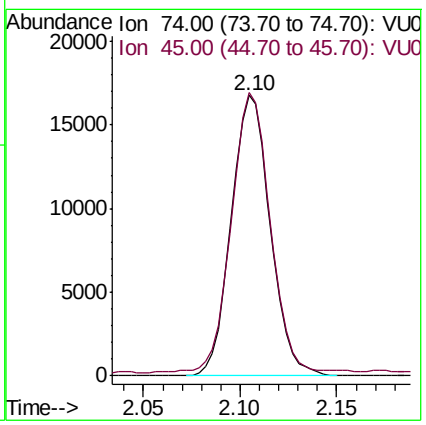


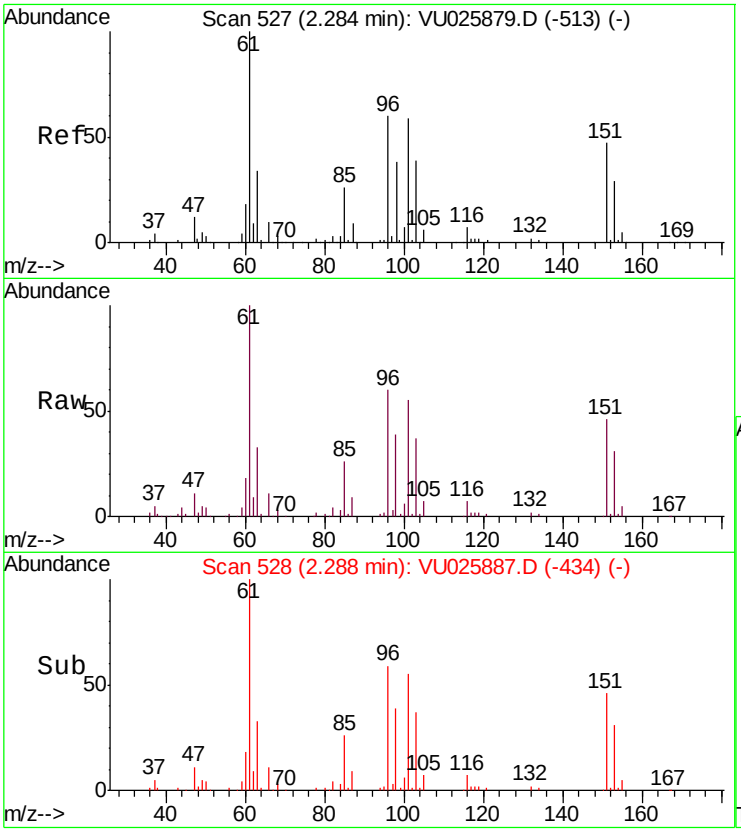


#8
Diethyl Ether
Concen: 19.824 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 74 Resp: 23495

Ion	Ratio	Lower	Upper
74	100		
45	99.7	48.3	144.9



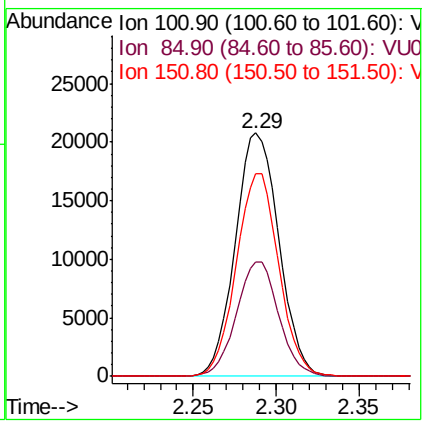


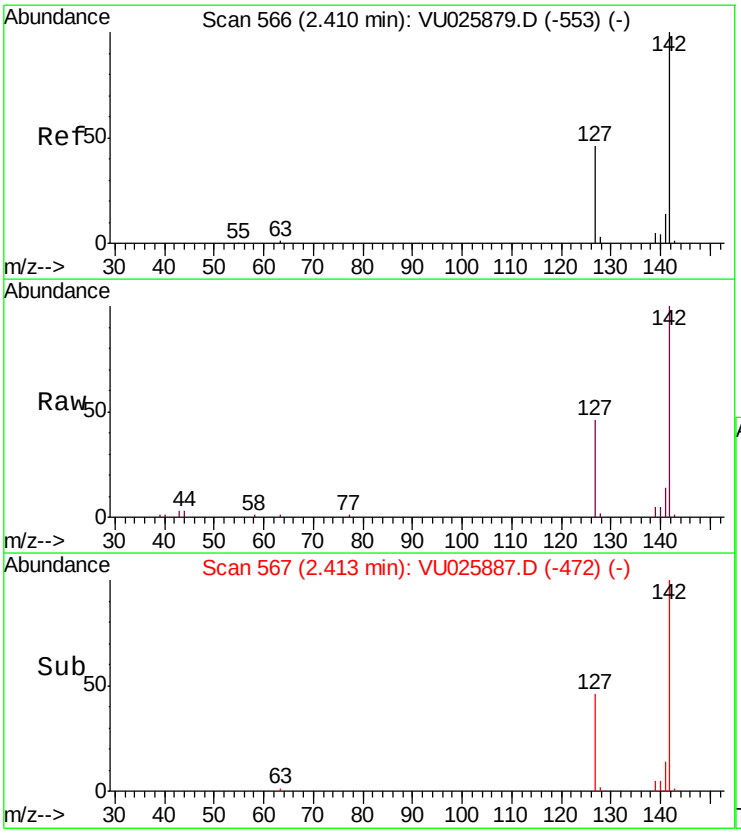
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.044 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion:101 Resp: 37996

Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.0	54.0
151	80.8	65.6	98.4

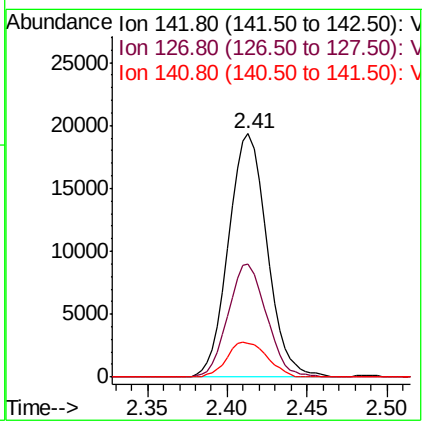


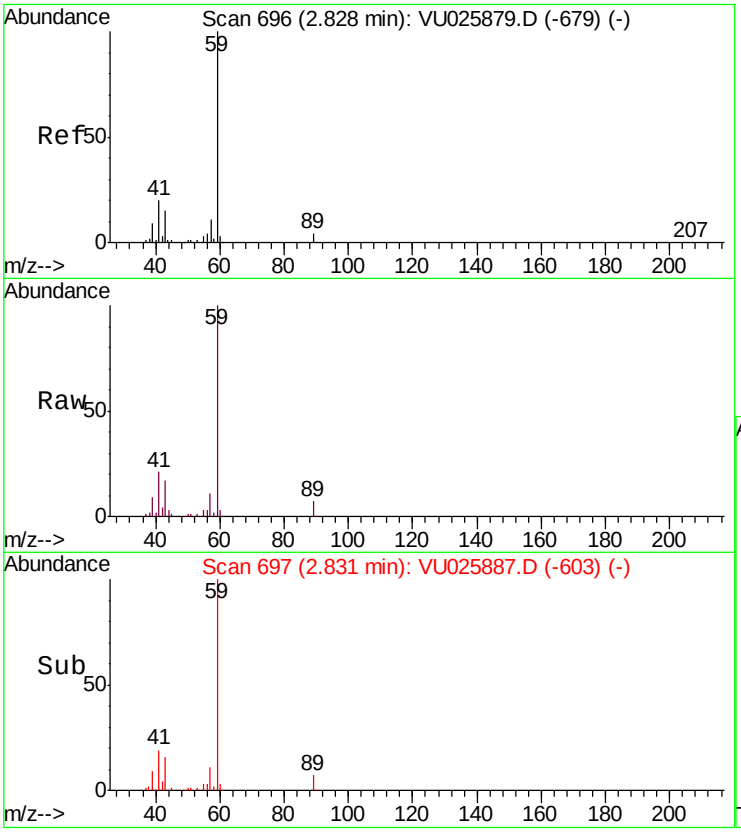


#10
Methyl Iodide
Concen: 23.467 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:142 Resp: 31752

Ion	Ratio	Lower	Upper
142	100		
127	46.2	36.5	54.7
141	14.9	11.4	17.2



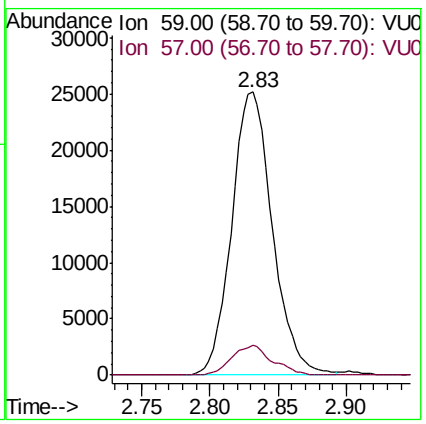


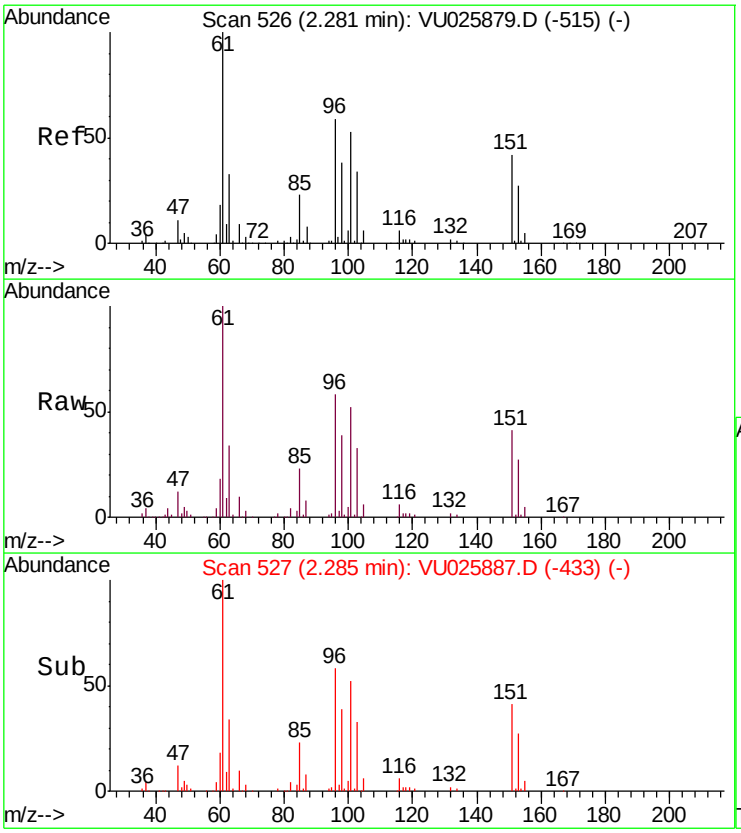
#11
Tert butyl alcohol
Concen: 91.624 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 59 Resp: 52086

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

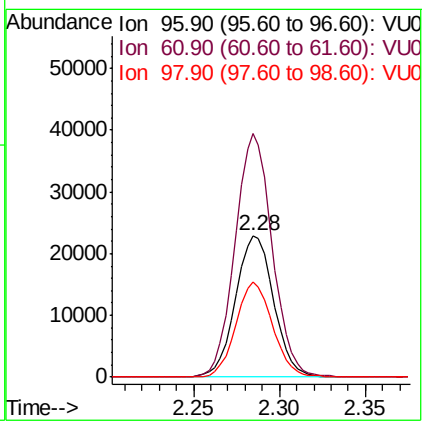


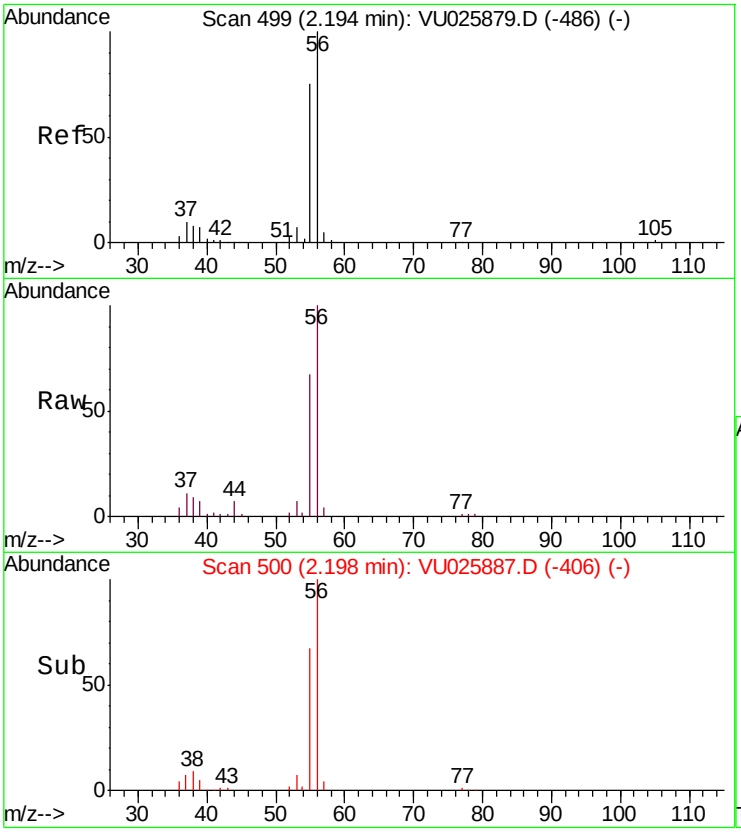


#12
1,1-Dichloroethene
Concen: 19.752 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 96 Resp: 35342

Ion	Ratio	Lower	Upper
96	100		
61	171.7	140.2	210.4
98	66.7	49.3	73.9



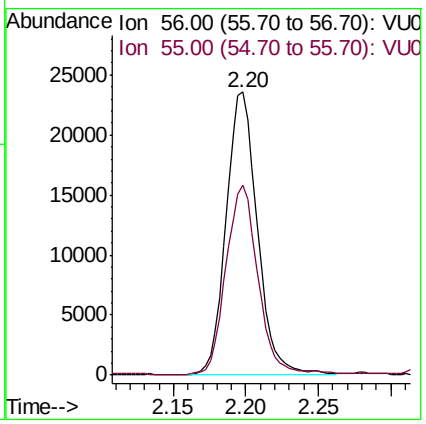


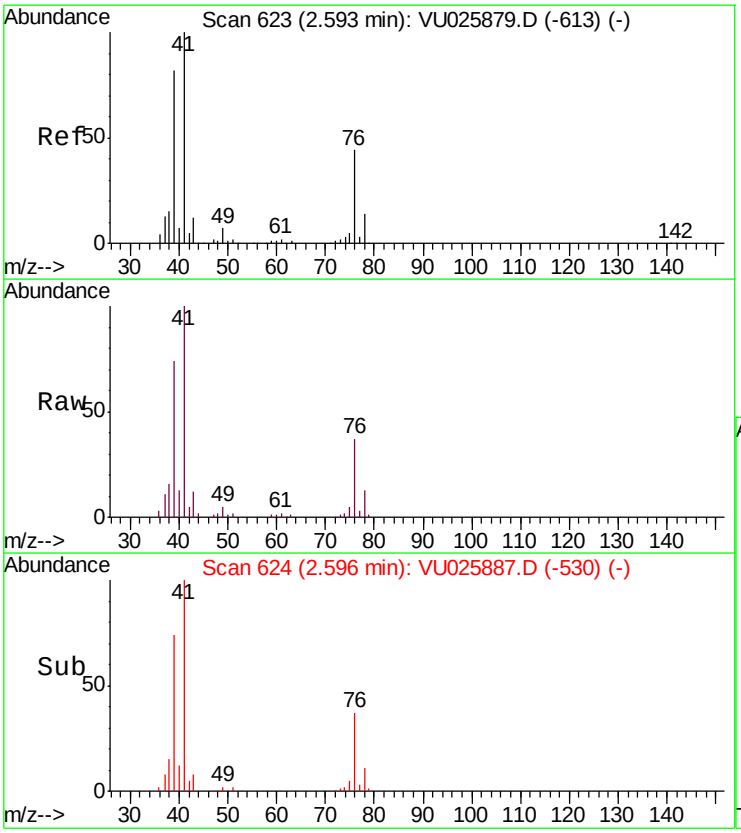
#13
Acrolein
Concen: 171.657 ug/l
RT: 2.20 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 56 Resp: 35471

Ion	Ratio	Lower	Upper
56	100		
55	69.1	57.2	85.8

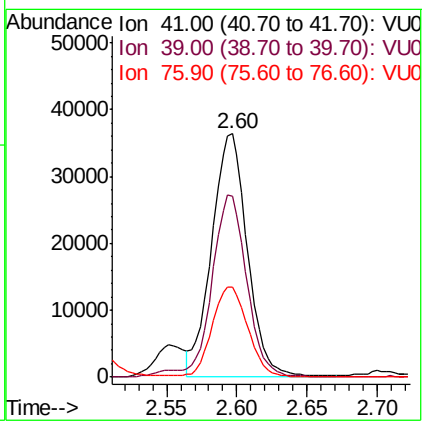


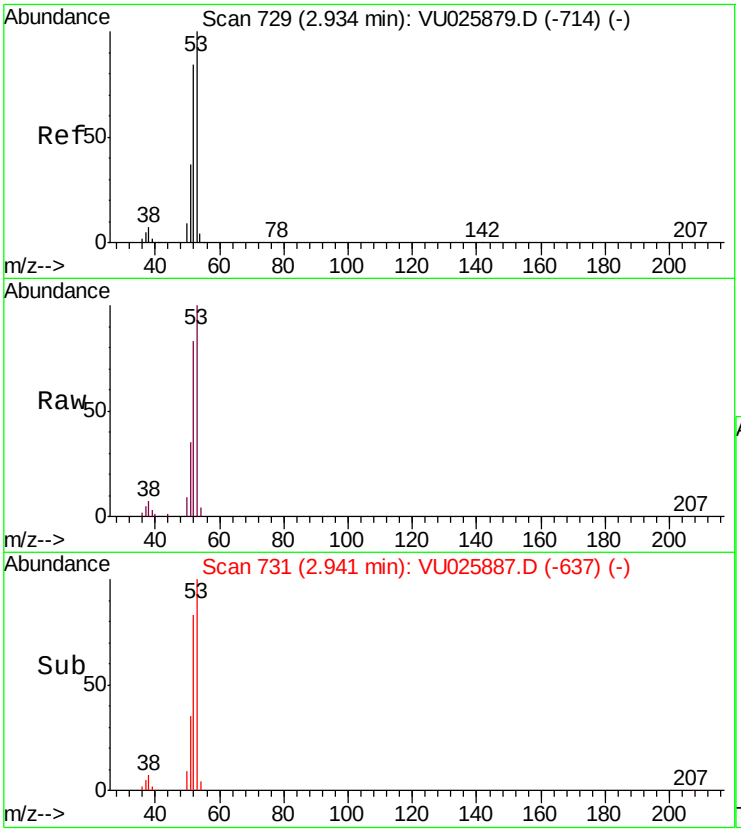


#14
Allyl chloride
Concen: 19.886 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 41 Resp: 63944

Ion	Ratio	Lower	Upper
41	100		
39	74.2	60.6	91.0
76	37.2	30.5	45.7



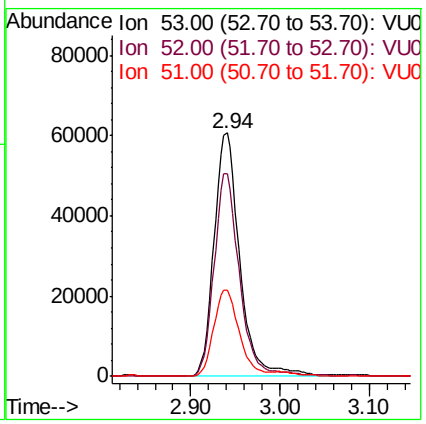


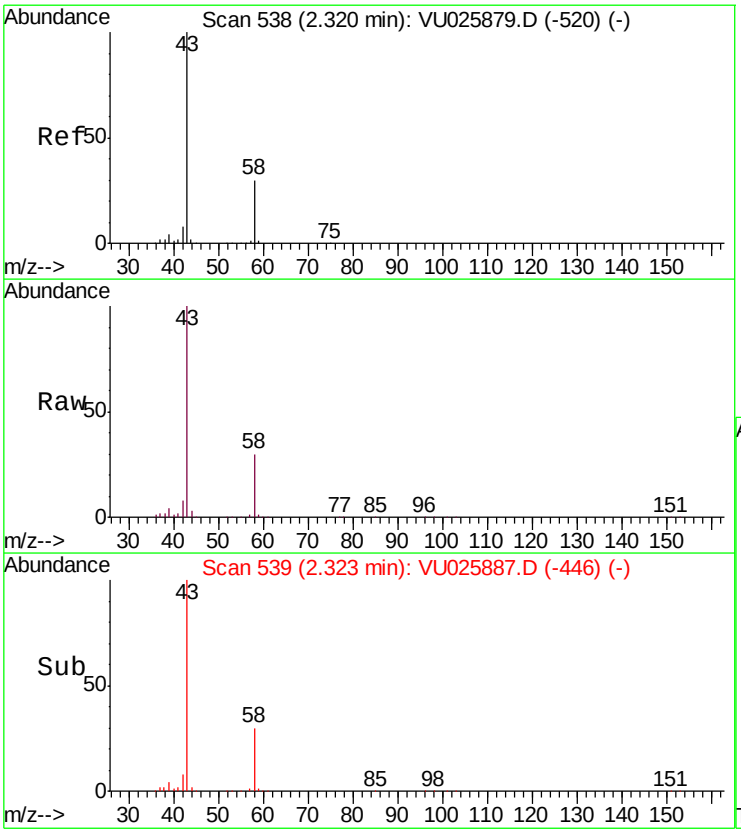
#15
Acrylonitrile
Concen: 106.938 ug/l
RT: 2.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 53 Resp: 121376

Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	99.8
51	34.9	29.4	44.2

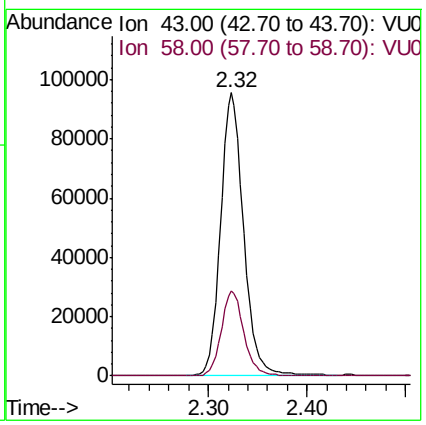


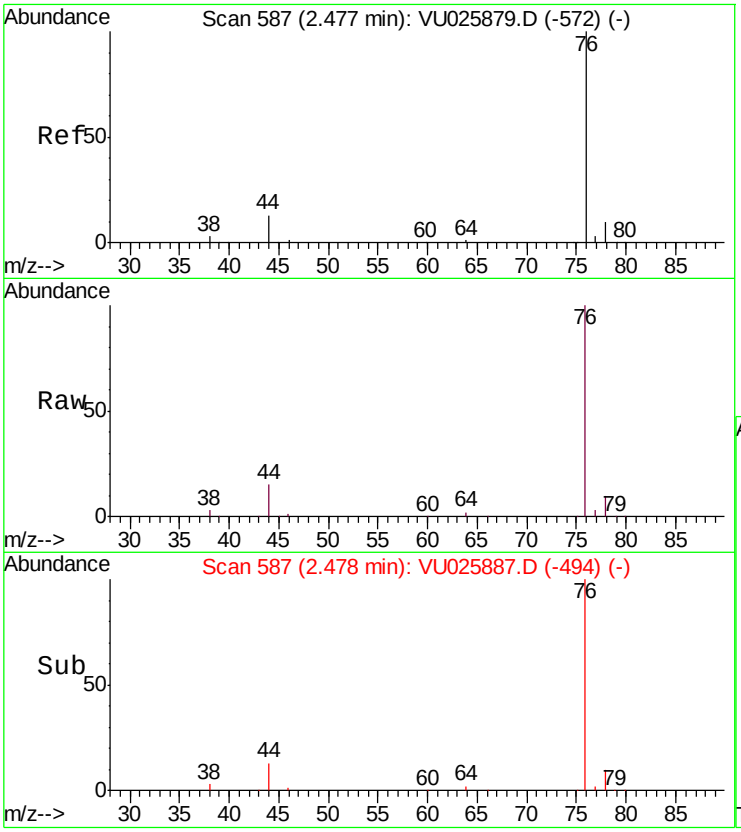


#16
Acetone
Concen: 122.368 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 43 Resp: 154906

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.1	34.7



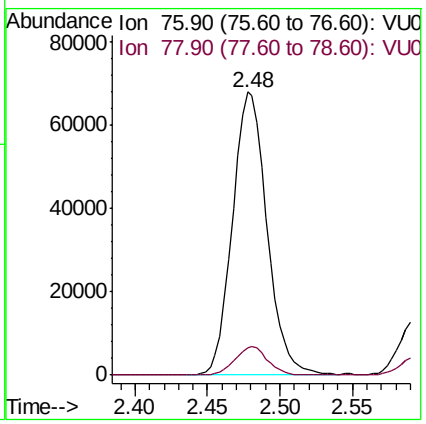


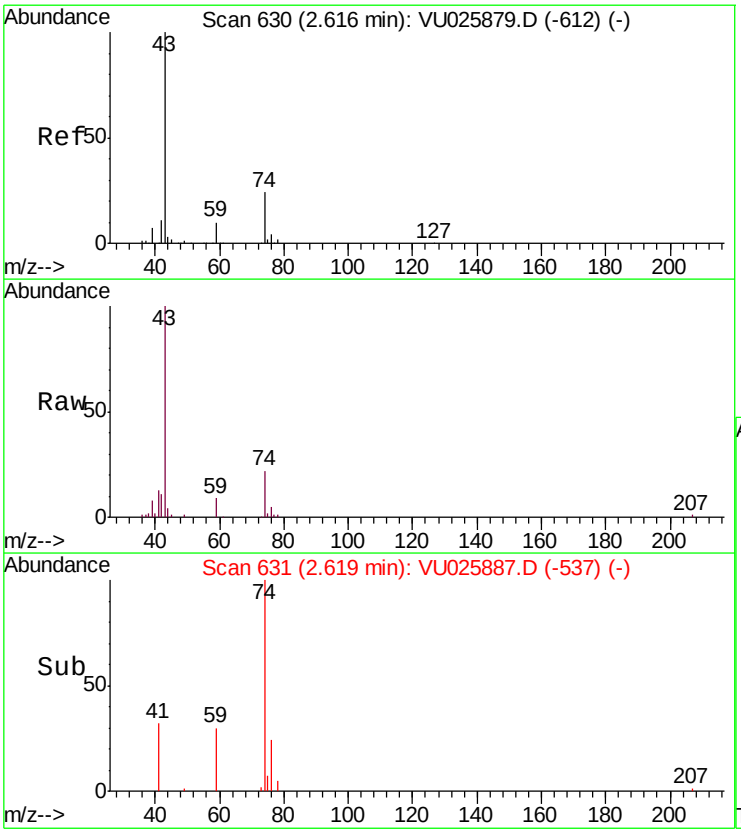
#17
Carbon Disulfide
Concen: 19.399 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 76 Resp: 112336

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

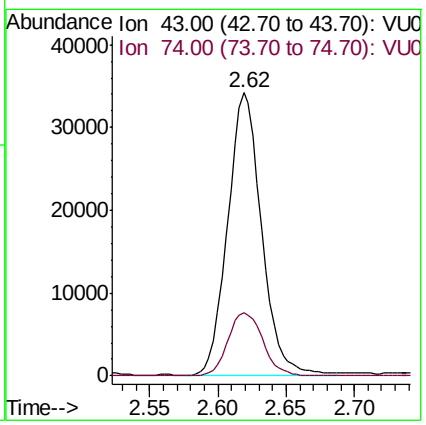


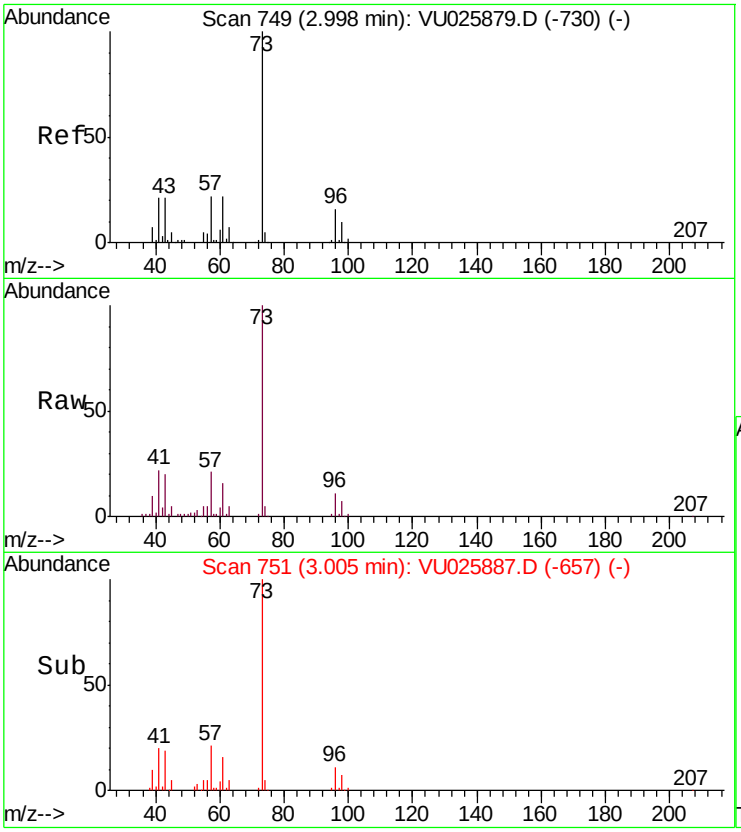


#18
Methyl Acetate
Concen: 19.220 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 43 Resp: 58560

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.5	27.7



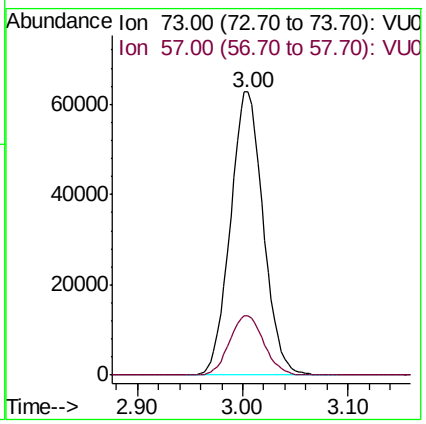


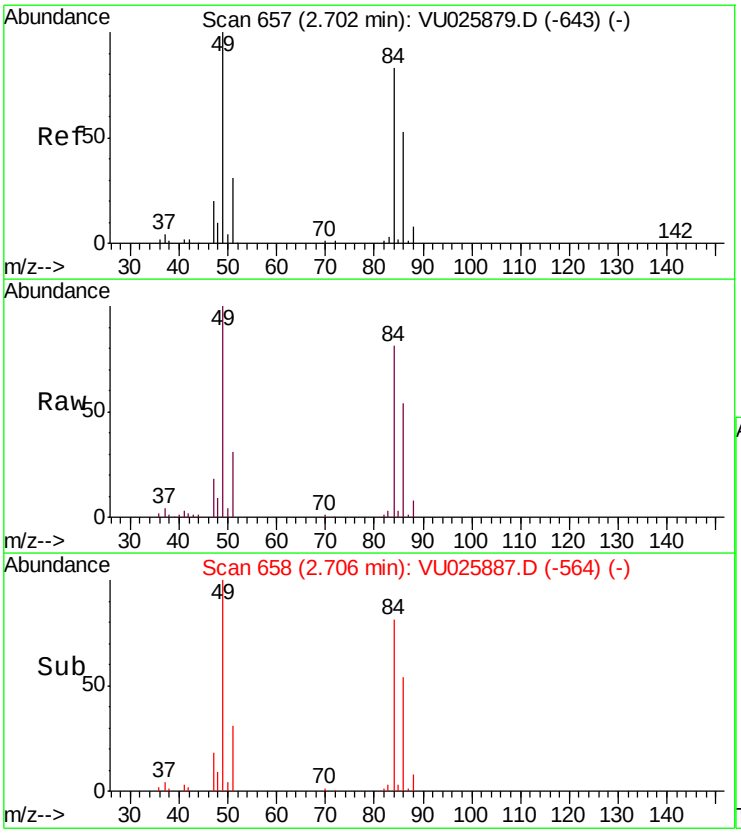
#19
Methyl tert-butyl Ether
Concen: 20.901 ug/l
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 73 Resp: 135524

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

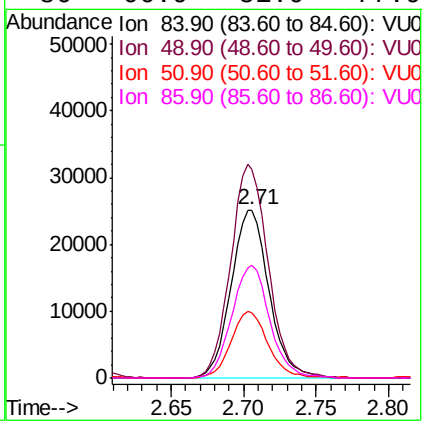


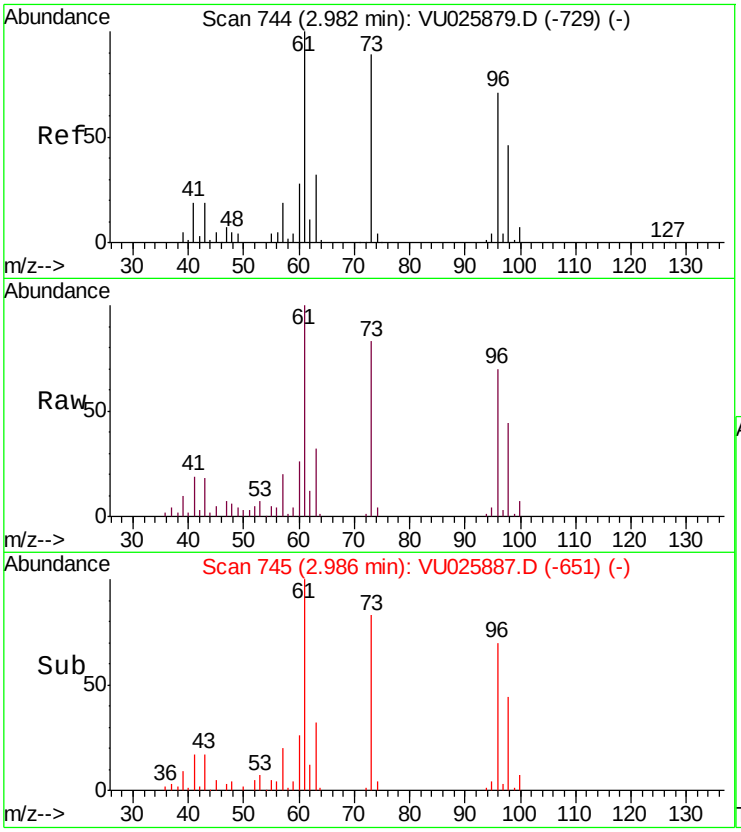


#20
Methylene Chloride
Concen: 20.255 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 84 Resp: 45442

Ion	Ratio	Lower	Upper
84	100		
49	124.0	101.8	152.6
51	39.0	30.8	46.2
86	66.9	51.9	77.9



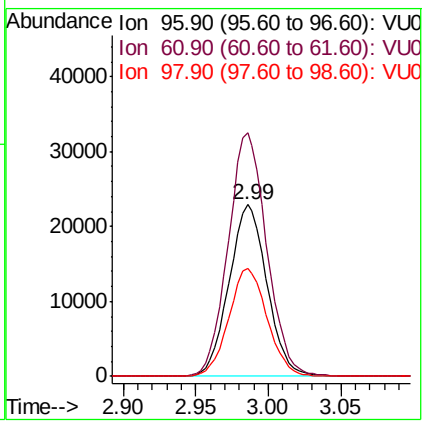


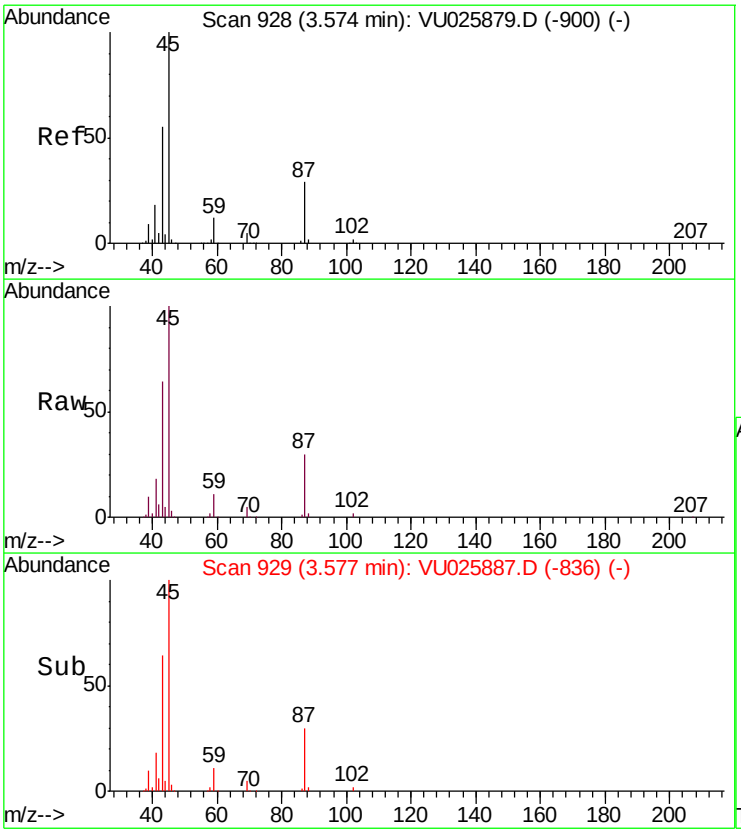
#21
trans-1,2-Dichloroethene
Concen: 20.121 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 96 Resp: 41617

Ion	Ratio	Lower	Upper
96	100		
61	141.9	114.5	171.7
98	62.7	50.5	75.7

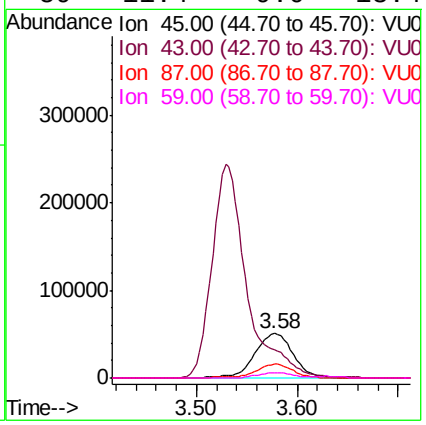


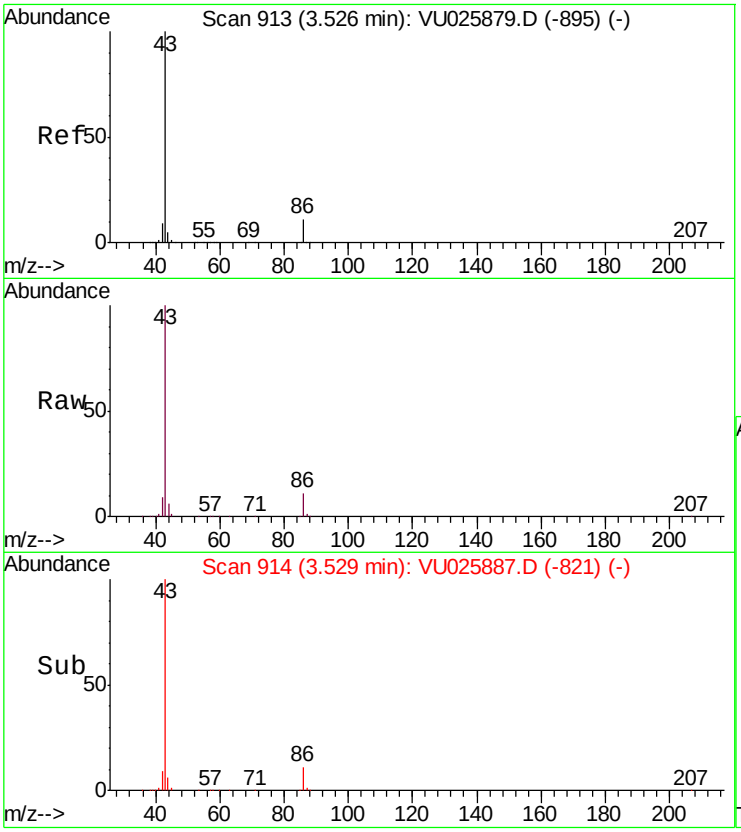


#22
Diisopropyl ether
Concen: 21.159 ug/l
RT: 3.58 min Scan# 929
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 45 Resp: 134073

Ion	Ratio	Lower	Upper
45	100		
43	61.5	50.9	76.3
87	30.5	23.8	35.8
59	11.4	9.0	13.4



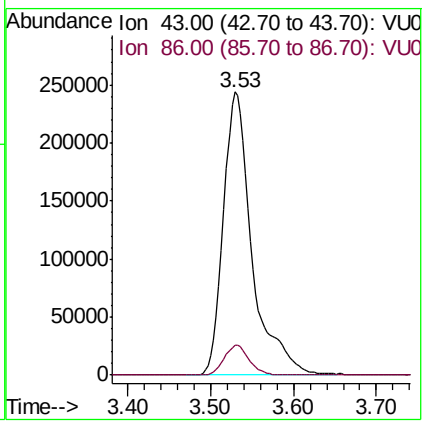


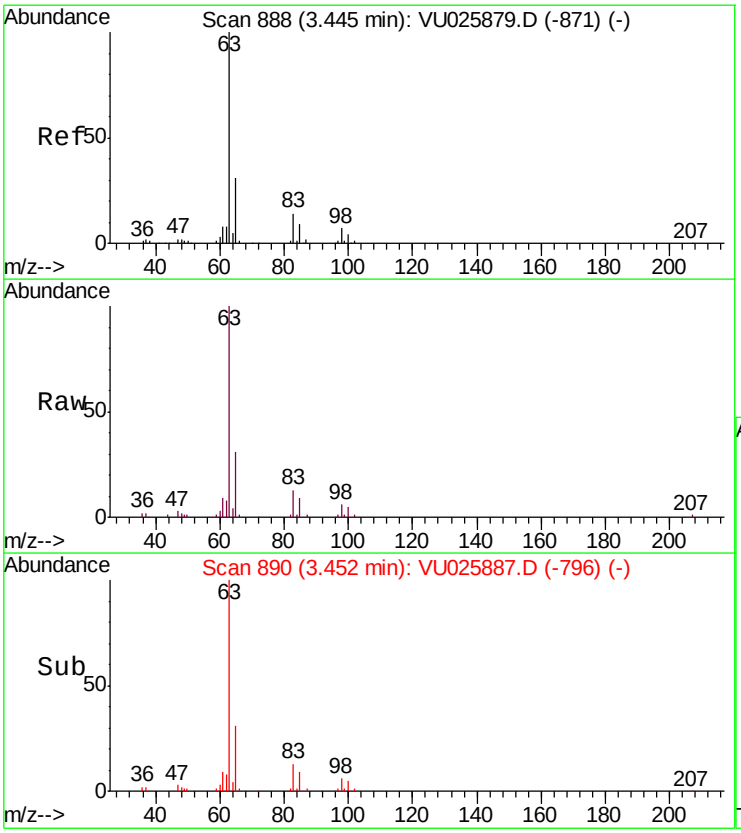
#23
Vinyl Acetate
Concen: 106.522 ug/l
RT: 3.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 43 Resp: 588221

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.2	12.2

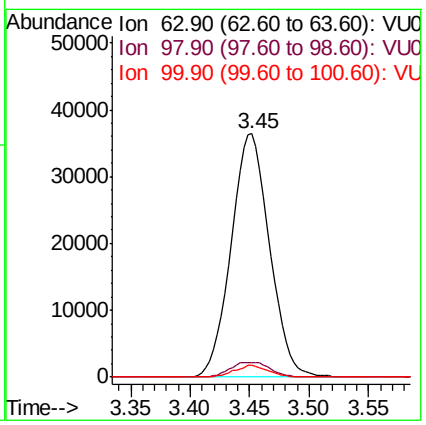


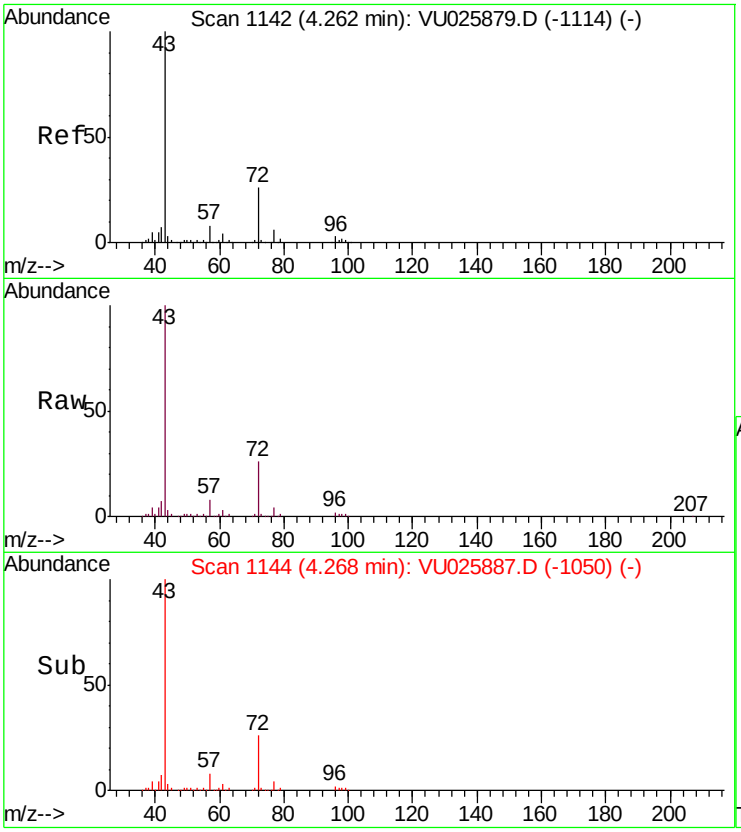


#24
1,1-Dichloroethane
Concen: 21.435 ug/l
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 63 Resp: 81530

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.4	10.1
100	4.9	2.0	6.0



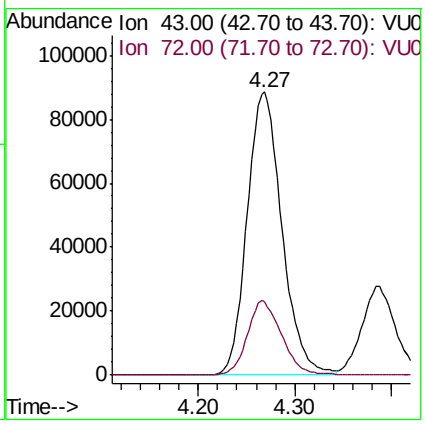


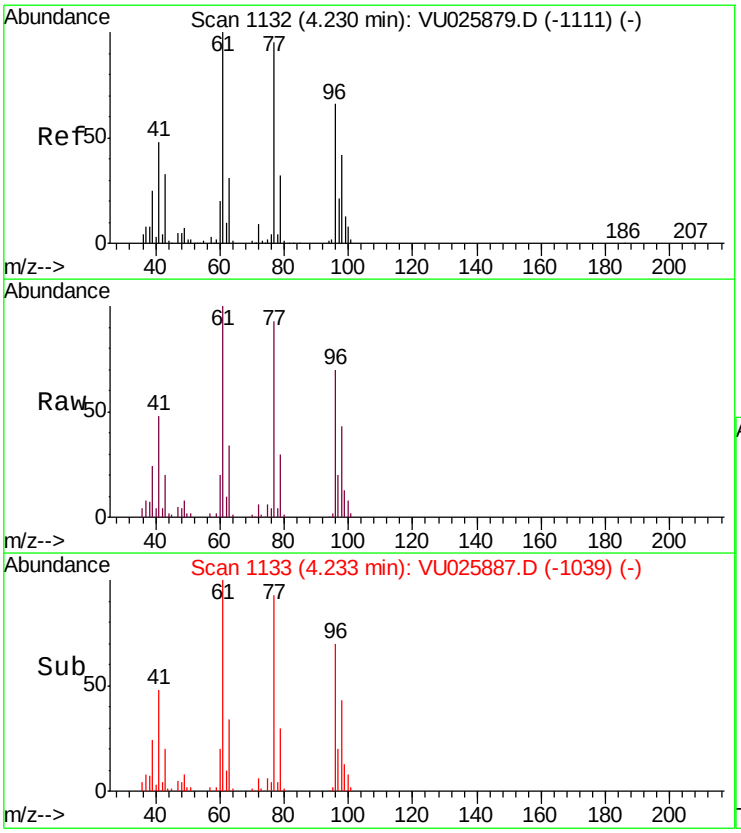
#25
2-Butanone
Concen: 127.680 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 43 Resp: 220025

Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.0	31.4

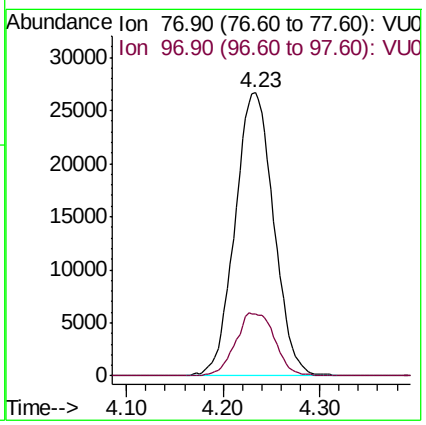


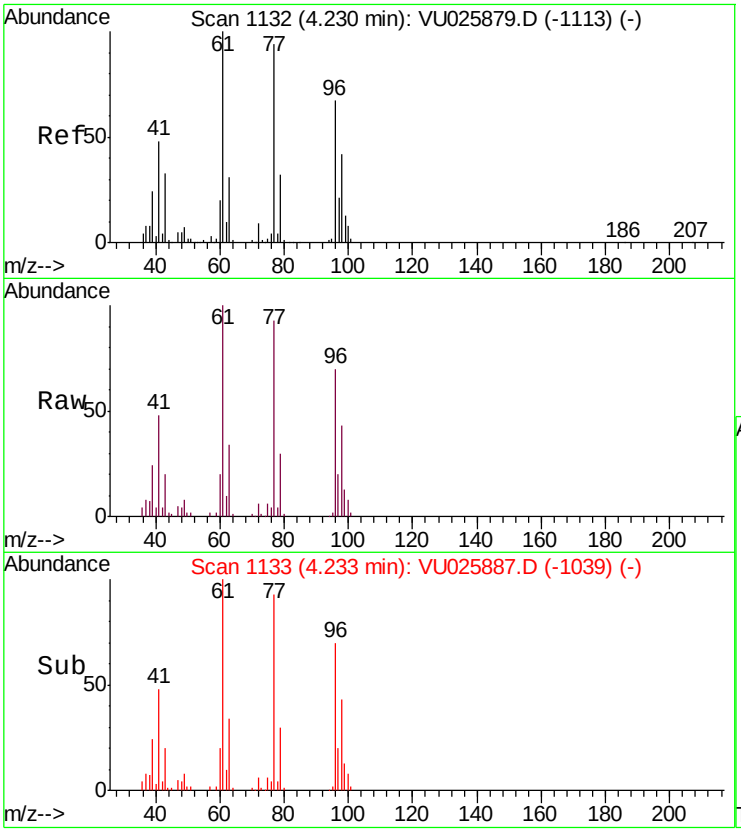


#26
2,2-Dichloropropane
Concen: 21.400 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 77 Resp: 73985

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.2	33.5



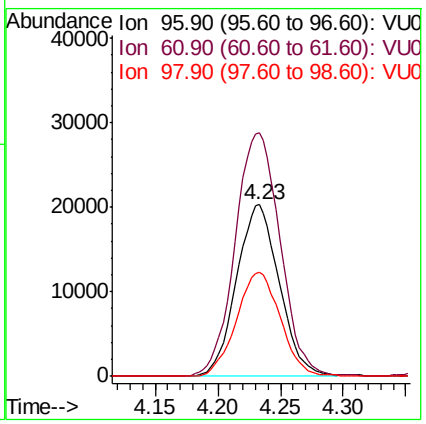


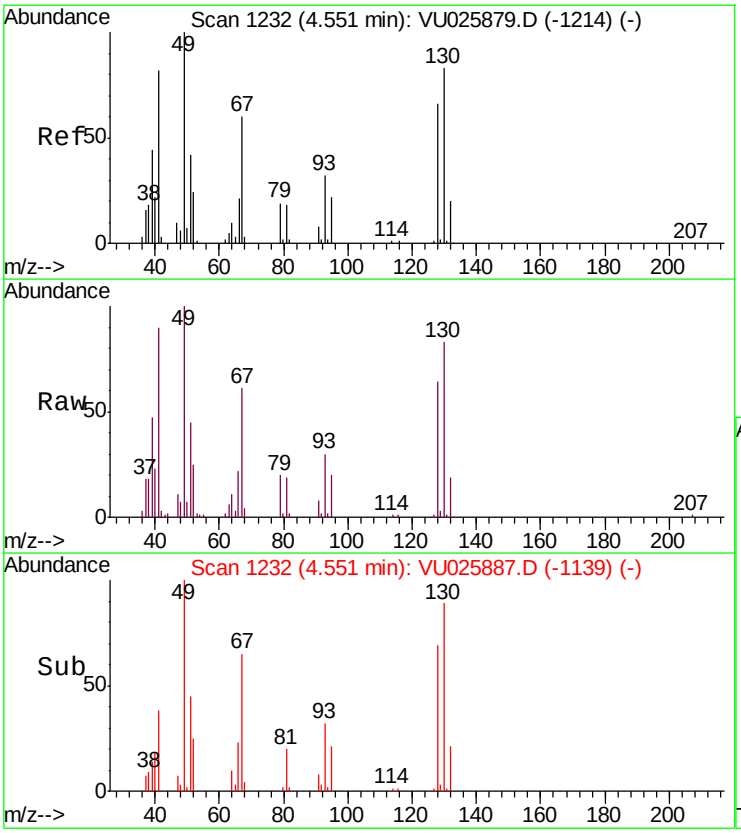
#27
cis-1,2-Dichloroethene
Concen: 20.674 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 96 Resp: 48212

Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	299.8
98	61.9	0.0	128.6

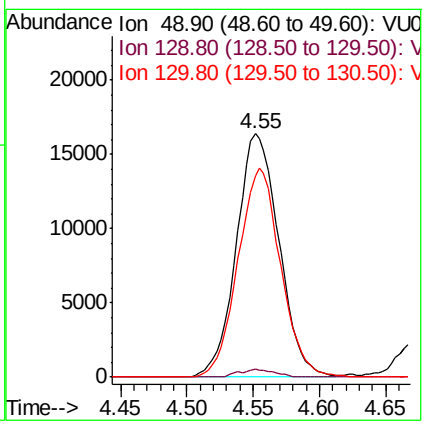


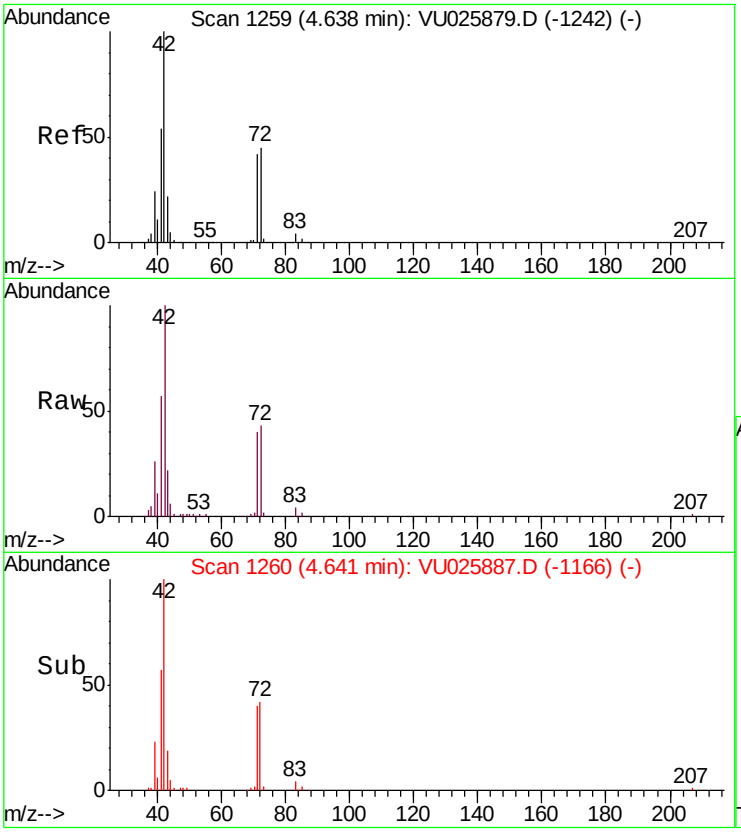


#28
Bromochloromethane
Concen: 21.616 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 49 Resp: 36761

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	85.7	68.6	102.8



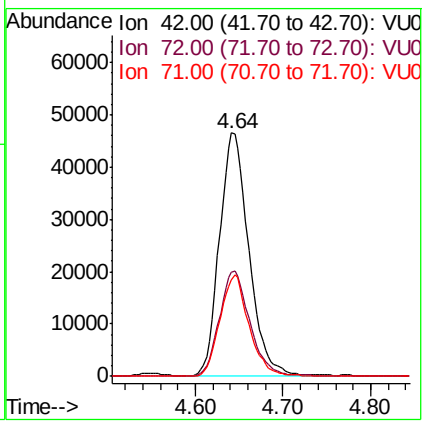


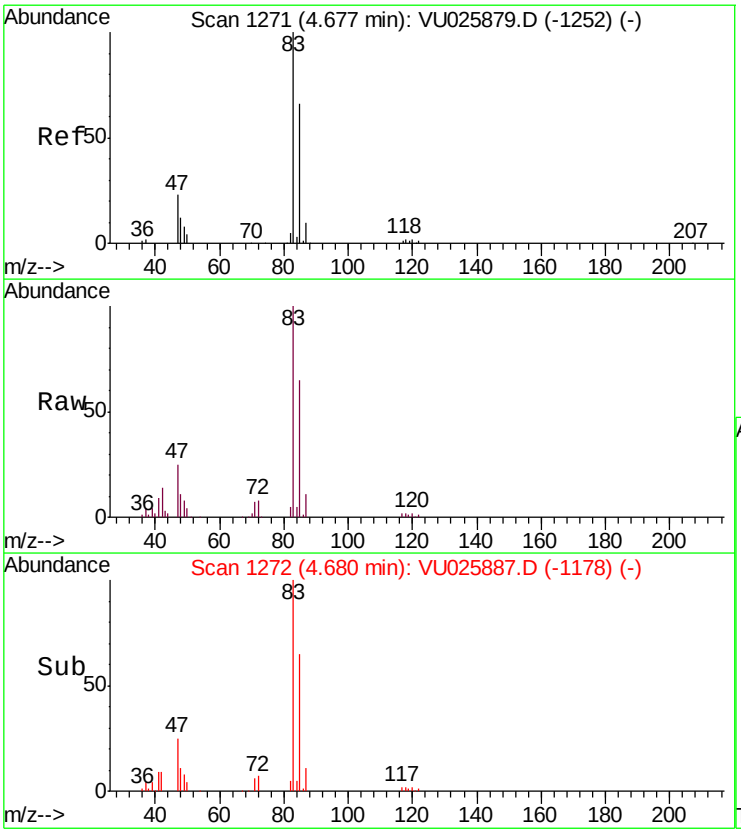
#29
Tetrahydrofuran
Concen: 105.634 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 42 Resp: 109058

Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.7	55.1
71	40.8	33.9	50.9

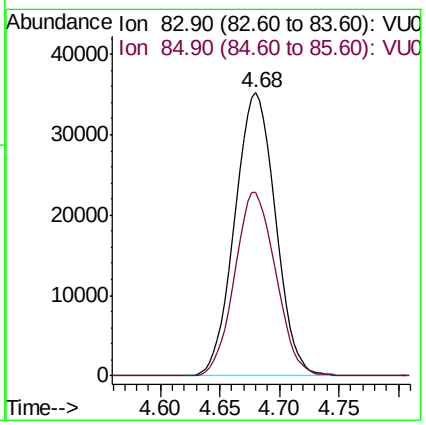


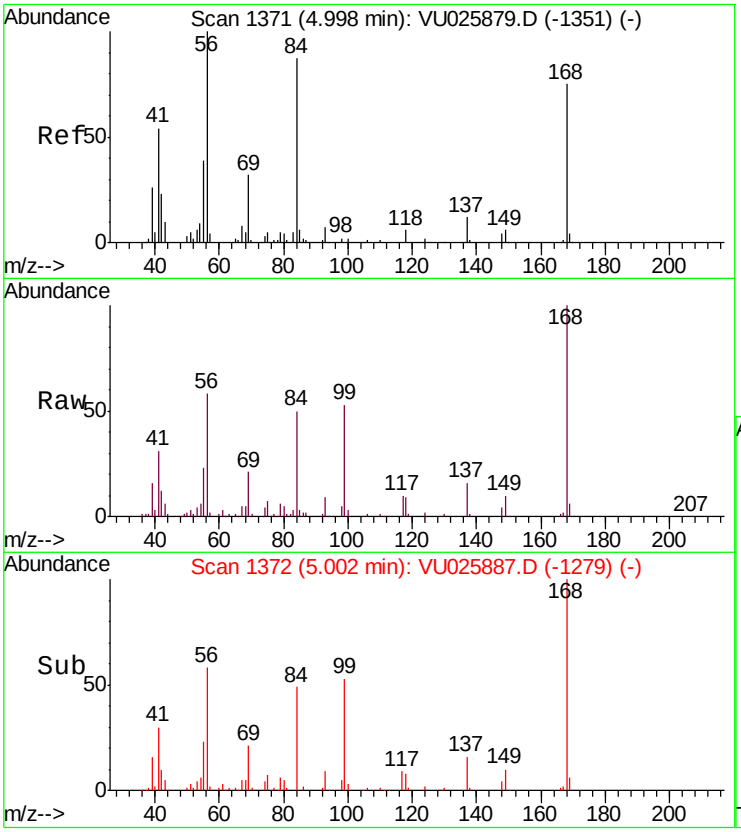


#30
Chloroform
Concen: 20.837 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 83 Resp: 83657

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3



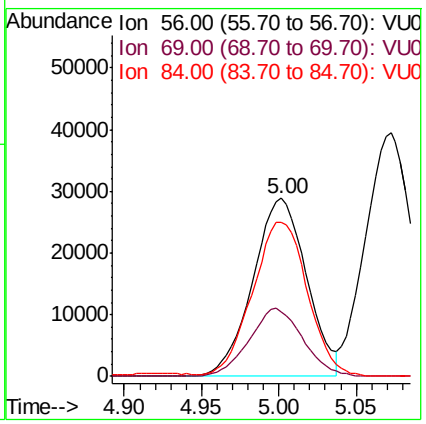


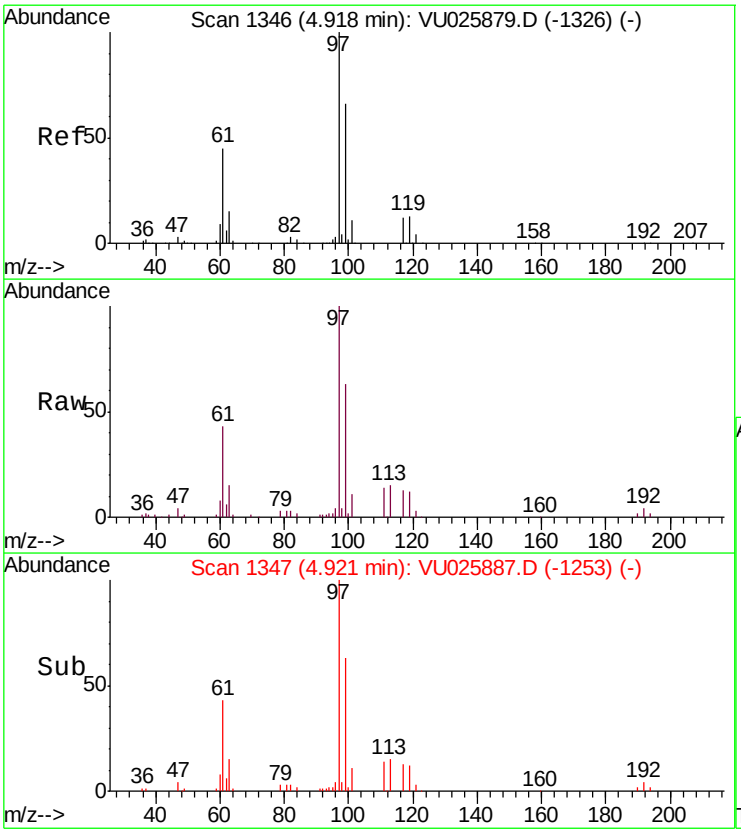
#31
Cyclohexane
Concen: 20.287 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 56 Resp: 69784

Ion	Ratio	Lower	Upper
56	100		
69	36.1	26.8	40.2
84	85.6	69.7	104.5

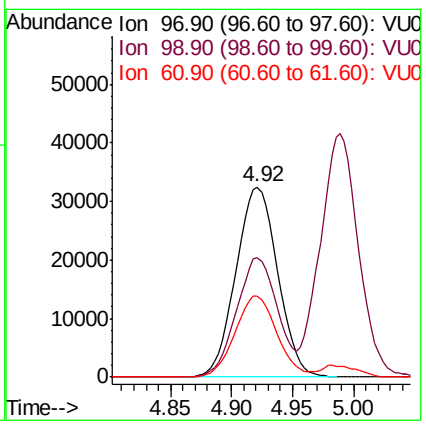


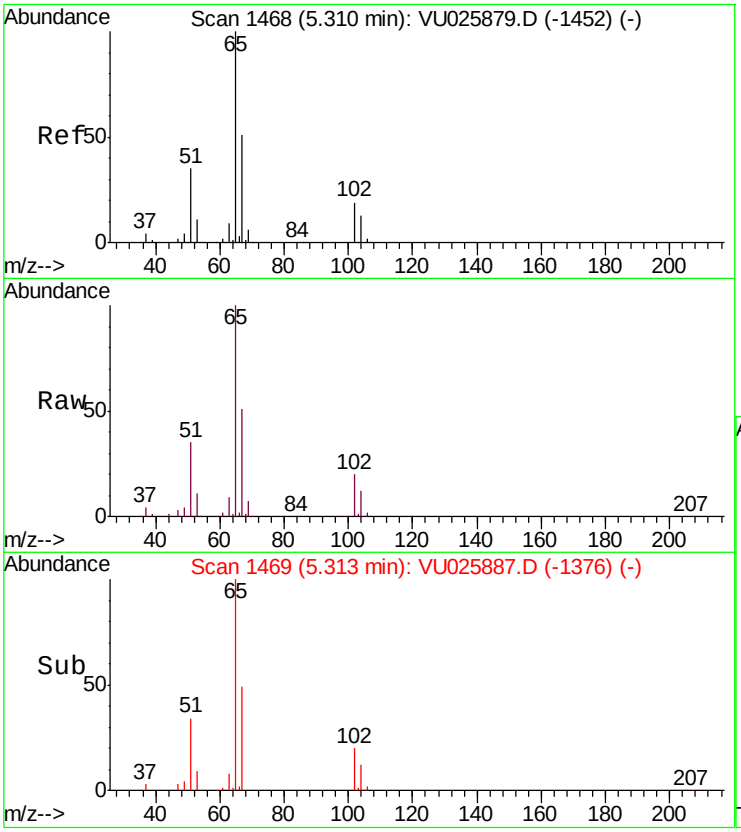


#32
1,1,1-Trichloroethane
Concen: 21.267 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 97 Resp: 76875

Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.8	76.2
61	42.6	35.2	52.8



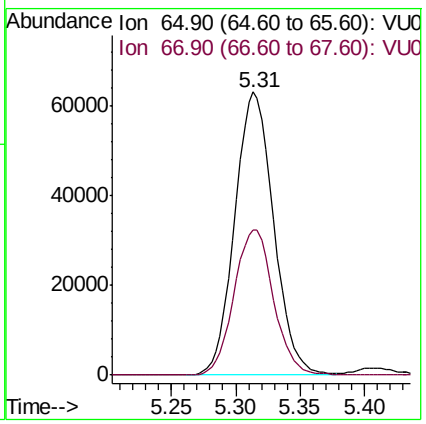


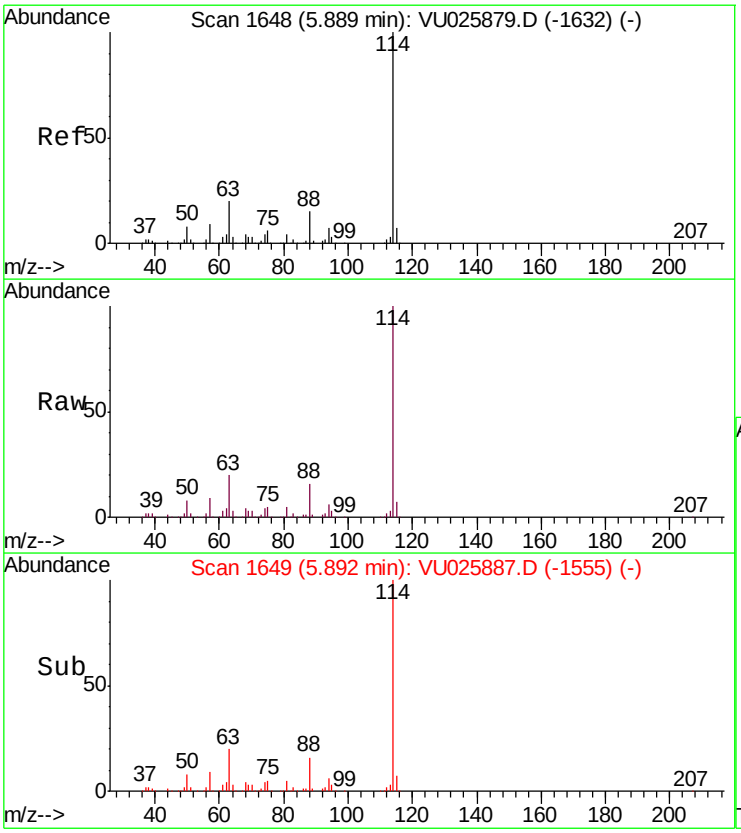
#33
1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 65 Resp: 132900

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.6

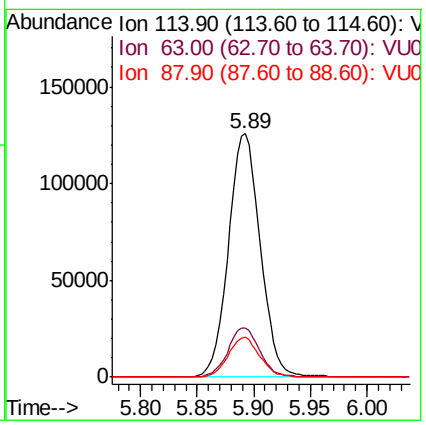


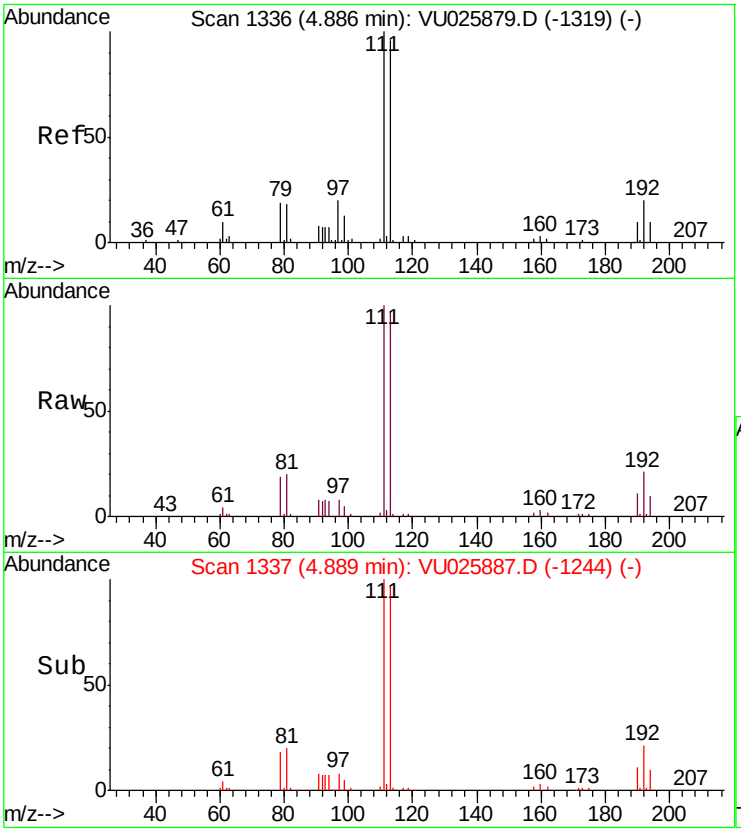


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:114 Resp: 246550

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	16.3	0.0	32.4



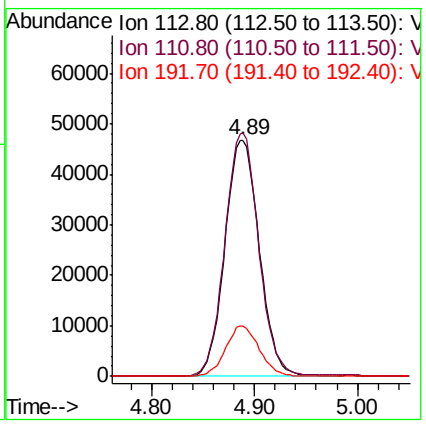


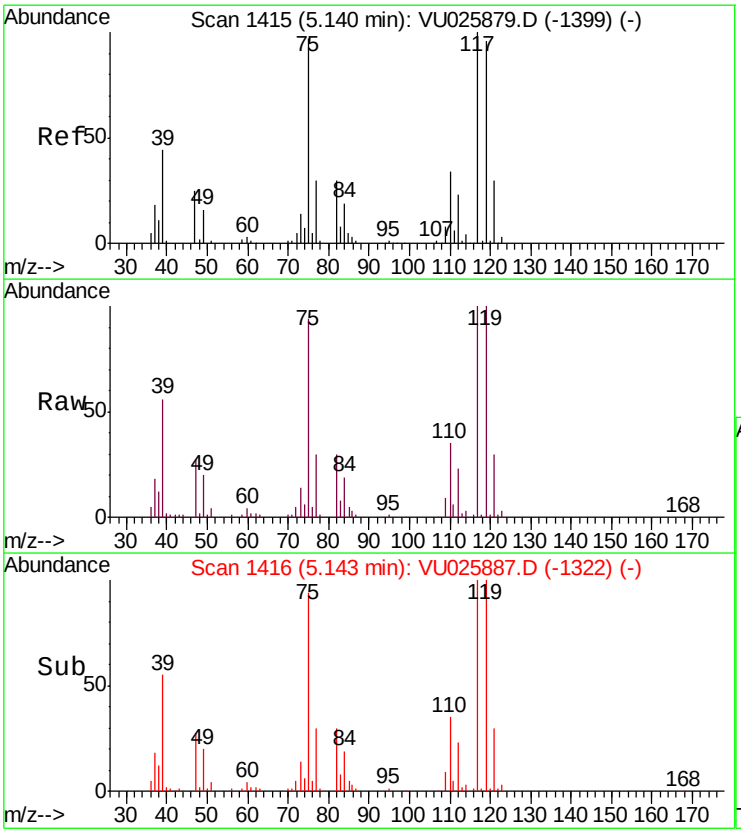
#35
Dibromofluoromethane
Concen: 50.570 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion:113 Resp: 108440

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	20.9	17.1	25.7

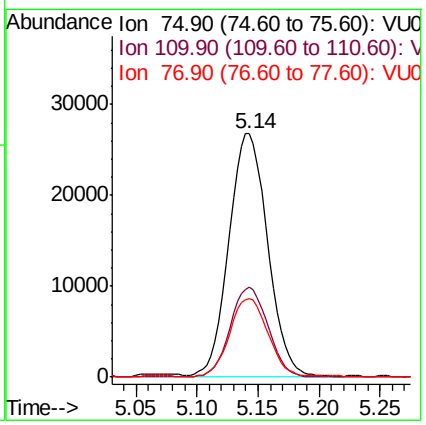


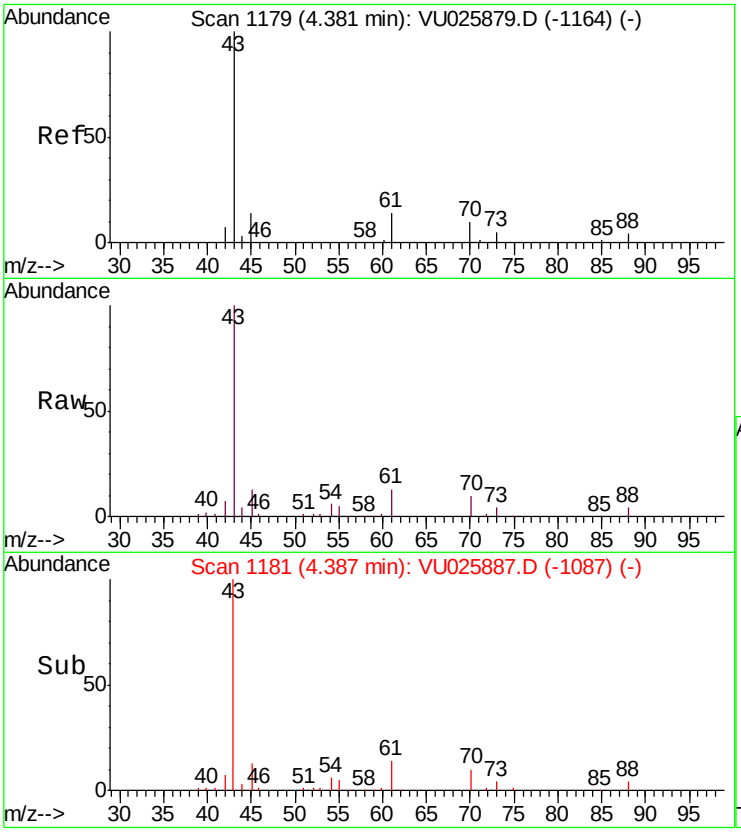


#36
1,1-Dichloropropene
Concen: 20.565 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 75 Resp: 59256

Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.6	52.9
77	32.3	24.4	36.6



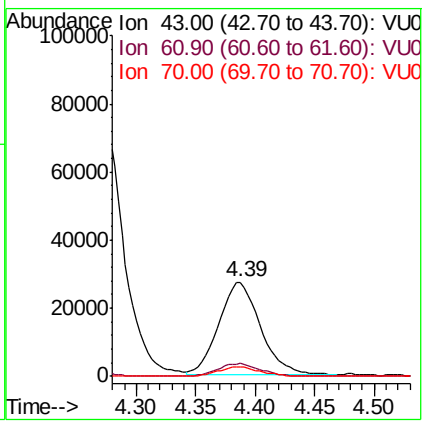


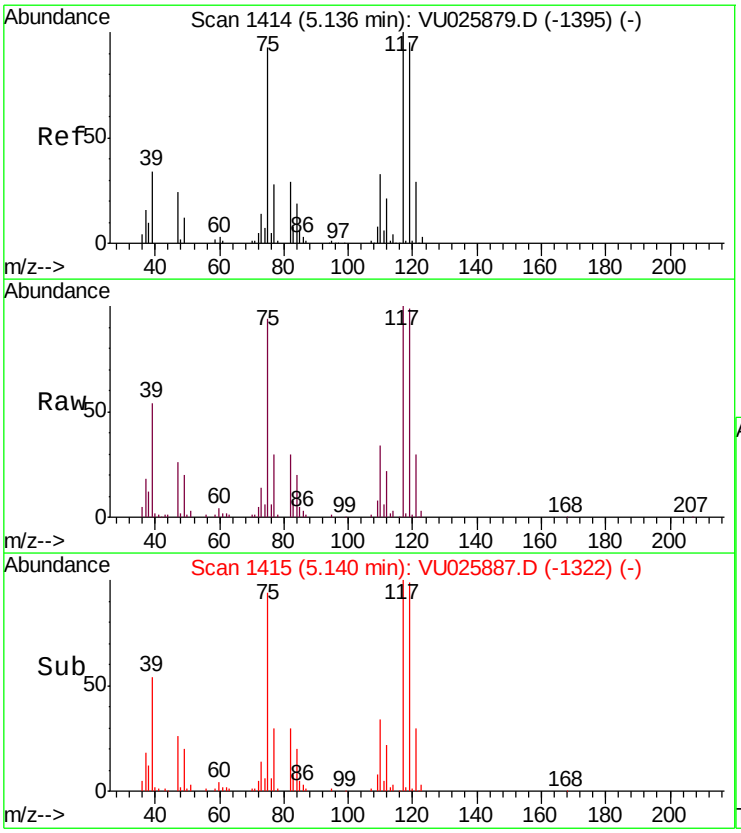
#37
Ethyl Acetate
Concen: 22.101 ug/l
RT: 4.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 43 Resp: 66029

Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.7	16.1
70	10.2	8.4	12.6

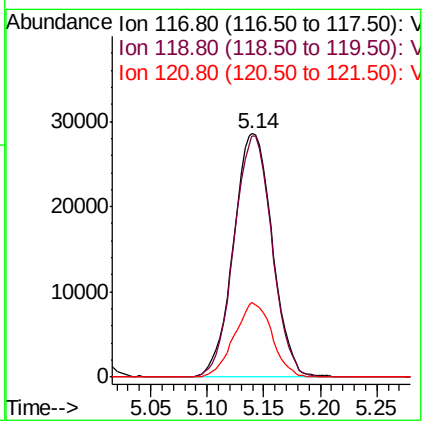


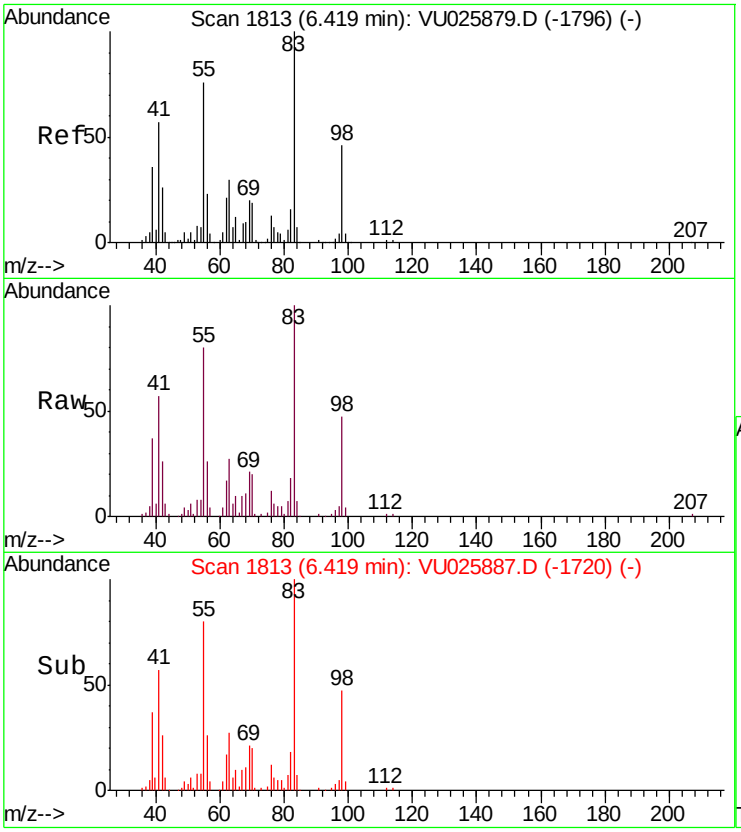


#38
Carbon Tetrachloride
Concen: 20.903 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:117 Resp: 68219

Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.7	113.5
121	30.4	24.6	36.8



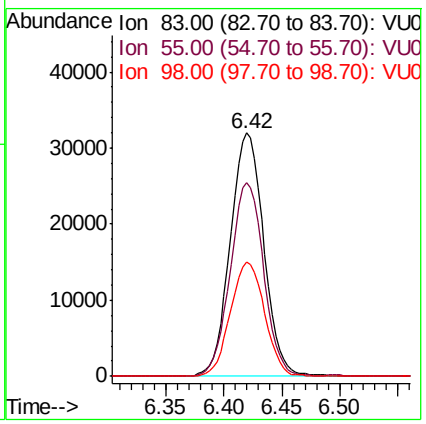


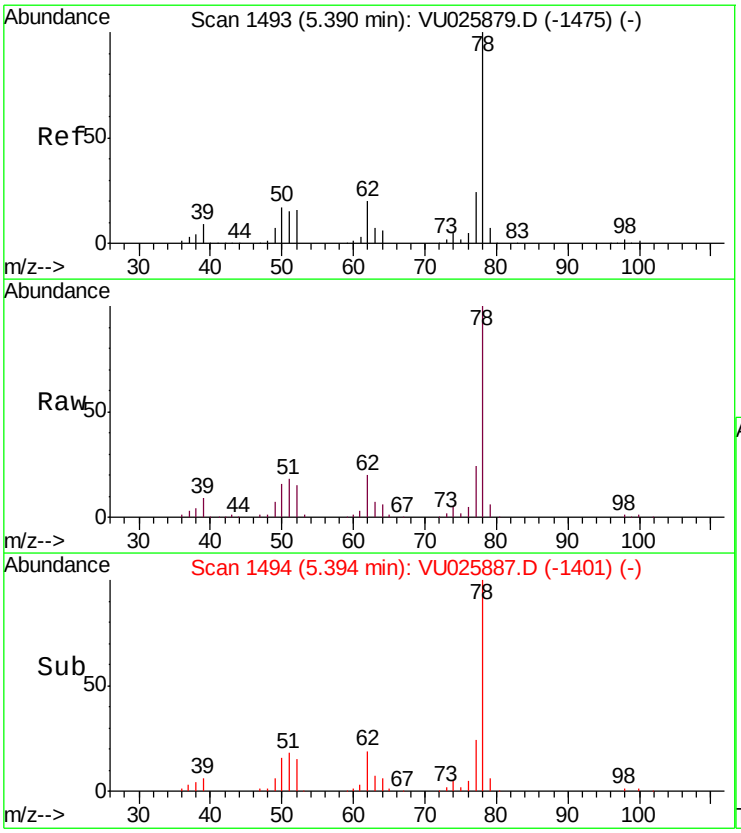
#39
Methylcyclohexane
Concen: 19.447 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 83 Resp: 64202

Ion	Ratio	Lower	Upper
83	100		
55	79.6	60.0	90.0
98	46.9	36.1	54.1

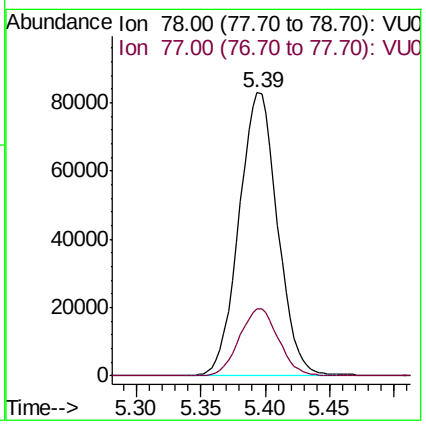


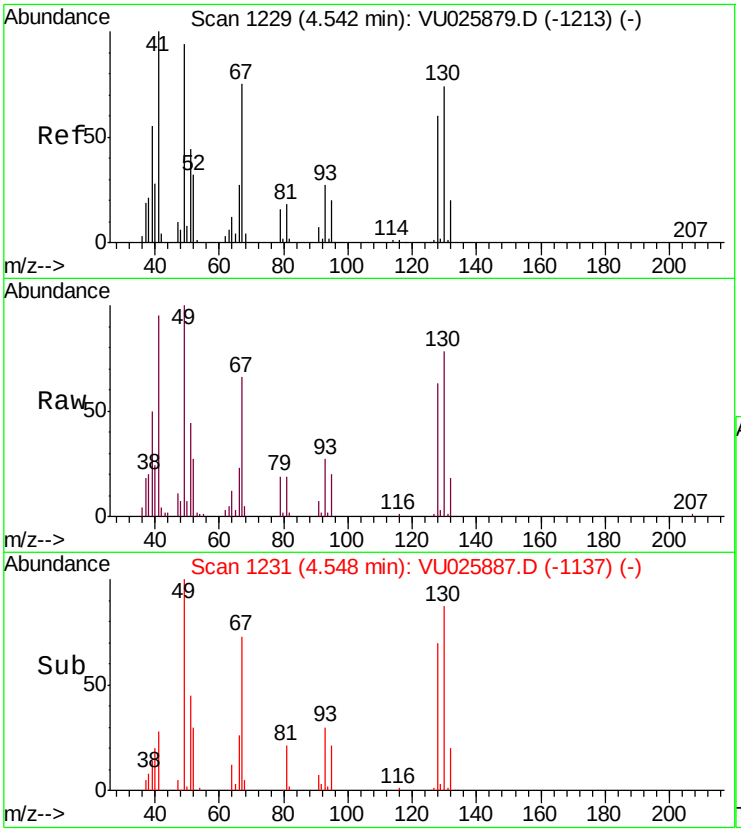


#40
Benzene
Concen: 20.584 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 78 Resp: 173365

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.8	29.6



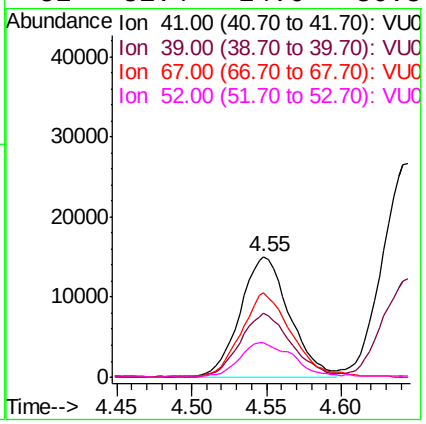


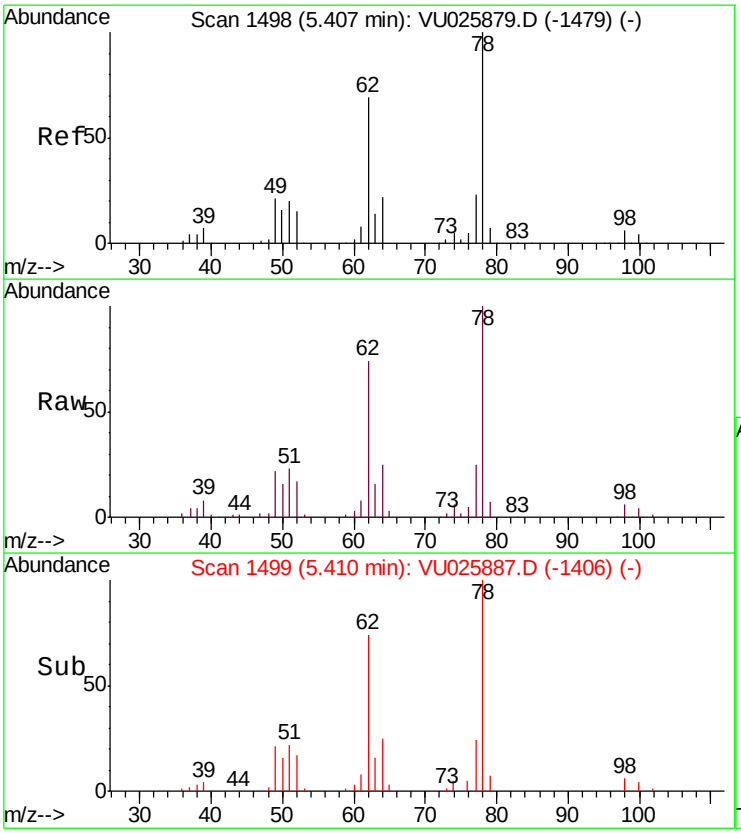
#41
Methacrylonitrile
Concen: 20.888 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 41 Resp: 34662

Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.4	66.6
67	71.1	56.0	84.0
52	31.4	24.6	36.8

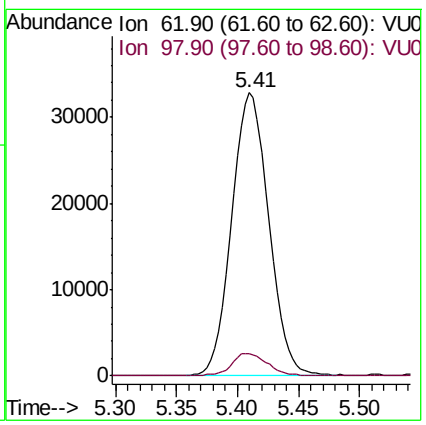


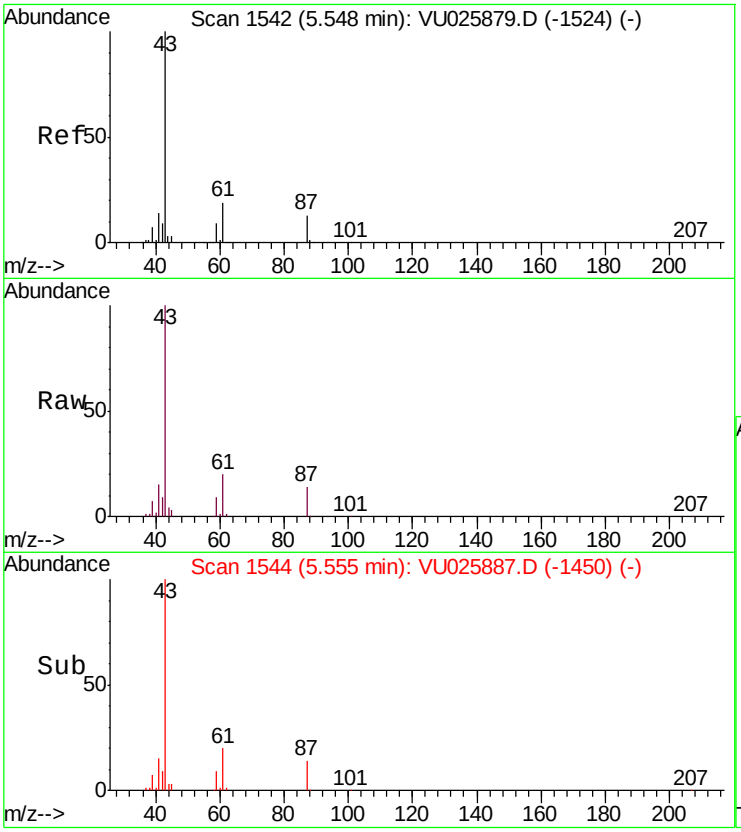


#42
1,2-Dichloroethane
Concen: 21.323 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 62 Resp: 69152

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.4



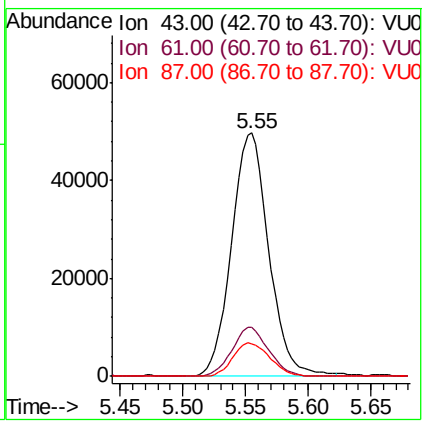


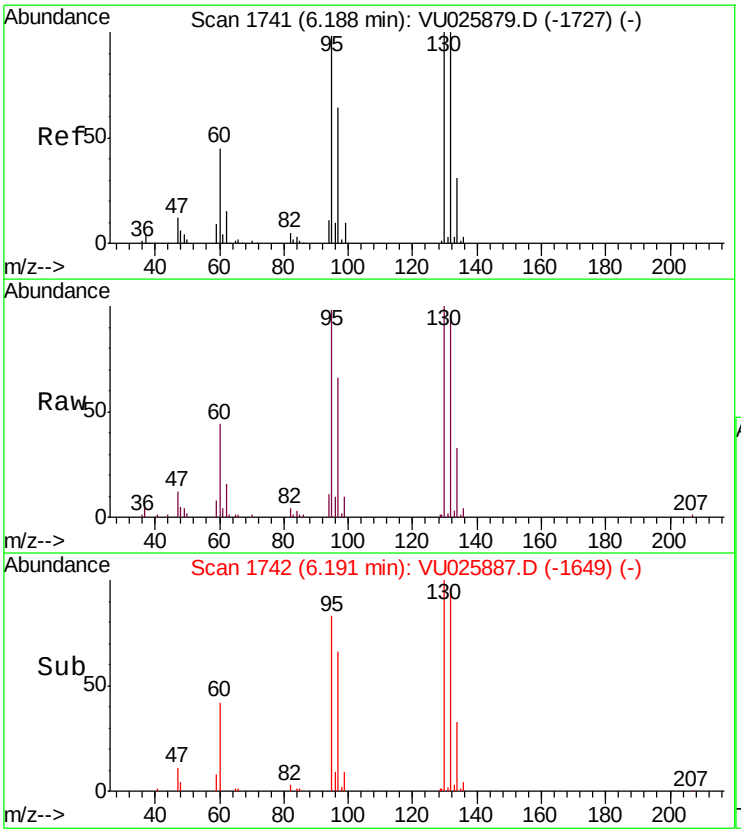
#43
Isopropyl Acetate
Concen: 20.676 ug/l
RT: 5.55 min Scan# 1544
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 43 Resp: 102078

Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.5	23.3
87	13.7	10.6	16.0

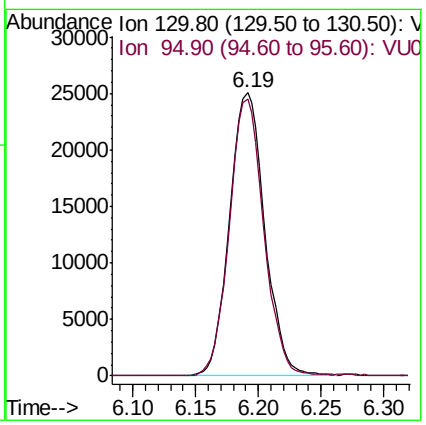


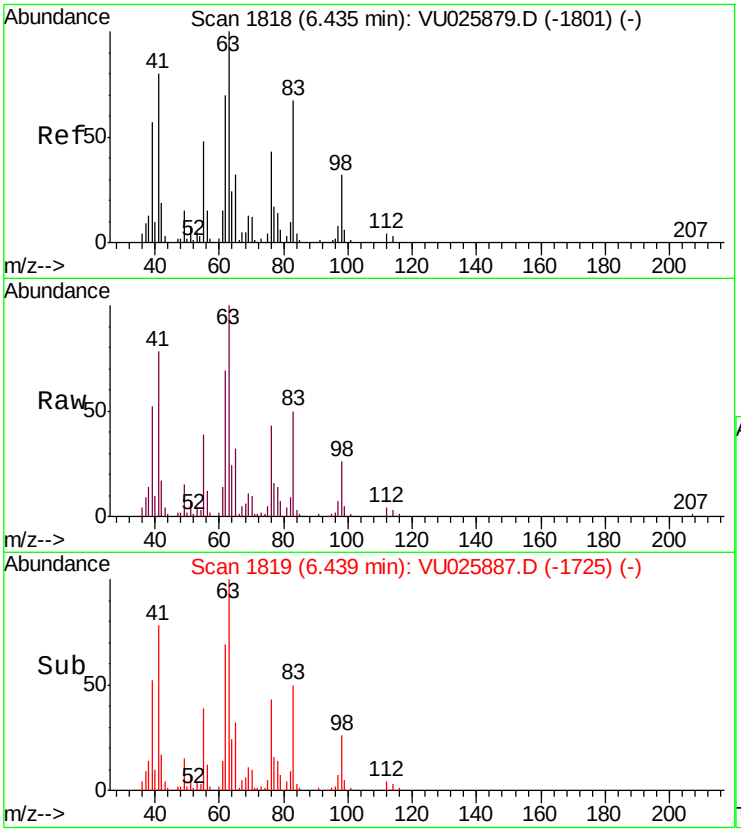


#44
Trichloroethene
Concen: 20.859 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:130 Resp: 48924

Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	192.2



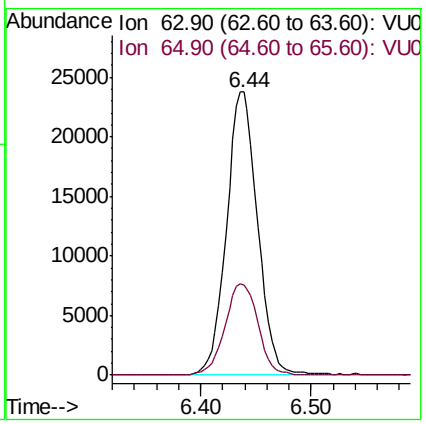


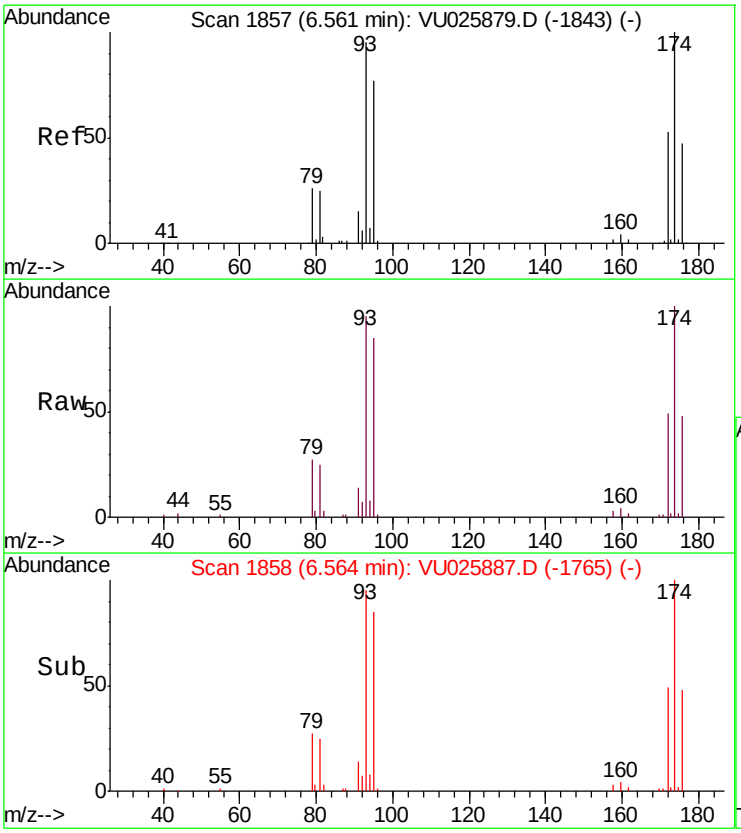
#45
1,2-Dichloropropane
Concen: 21.091 ug/l
RT: 6.44 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 63 Resp: 46328

Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.1	39.1

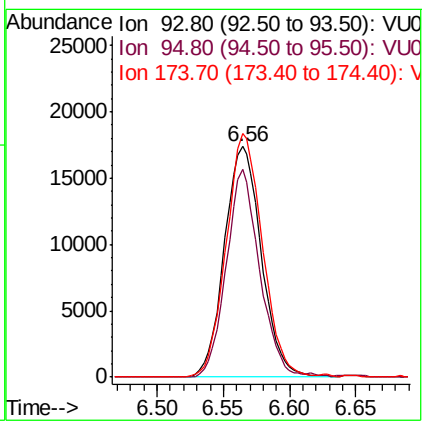


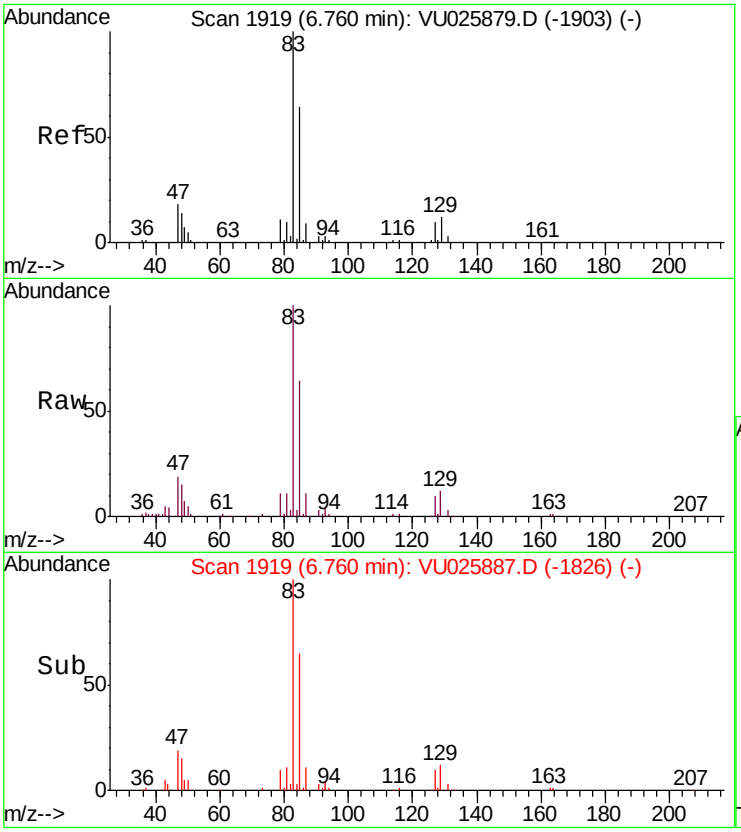


#46
Dibromomethane
Concen: 21.174 ug/l
RT: 6.56 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 93 Resp: 33701

Ion	Ratio	Lower	Upper
93	100		
95	81.0	66.6	100.0
174	103.5	85.8	128.8



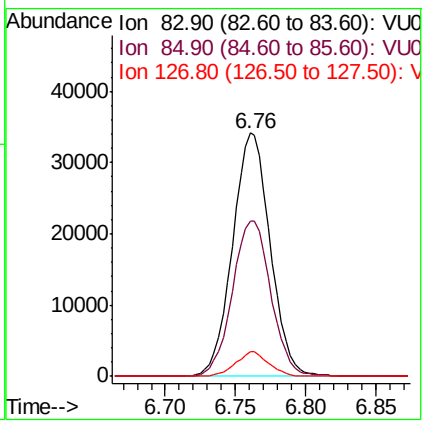


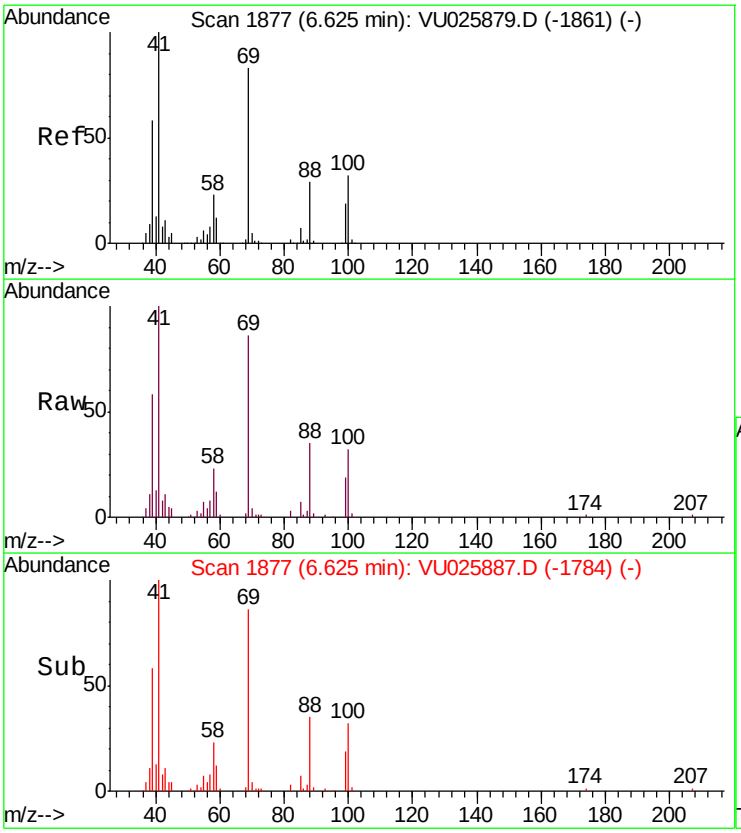
#47
Bromodichloromethane
Concen: 20.997 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 83 Resp: 63745

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.4
127	9.9	7.2	10.8

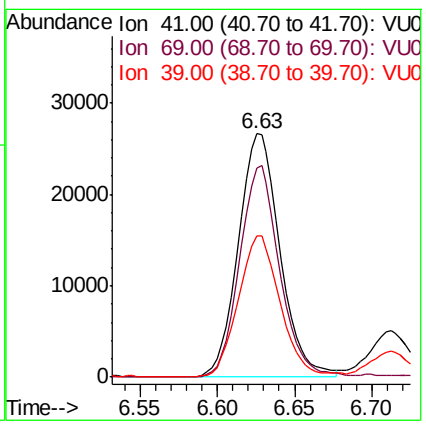


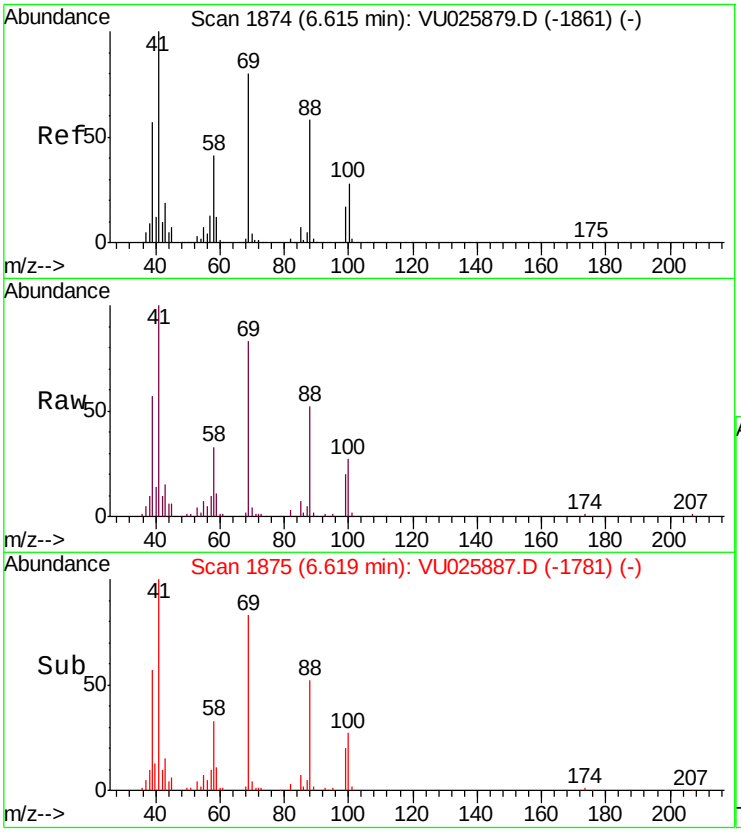


#48
Methyl methacrylate
Concen: 20.660 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 41 Resp: 49992

Ion	Ratio	Lower	Upper
41	100		
69	83.2	65.0	97.4
39	58.7	46.4	69.6



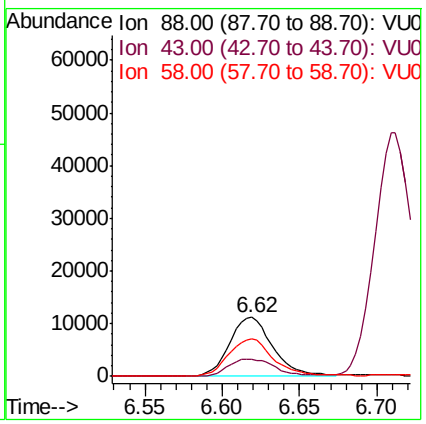


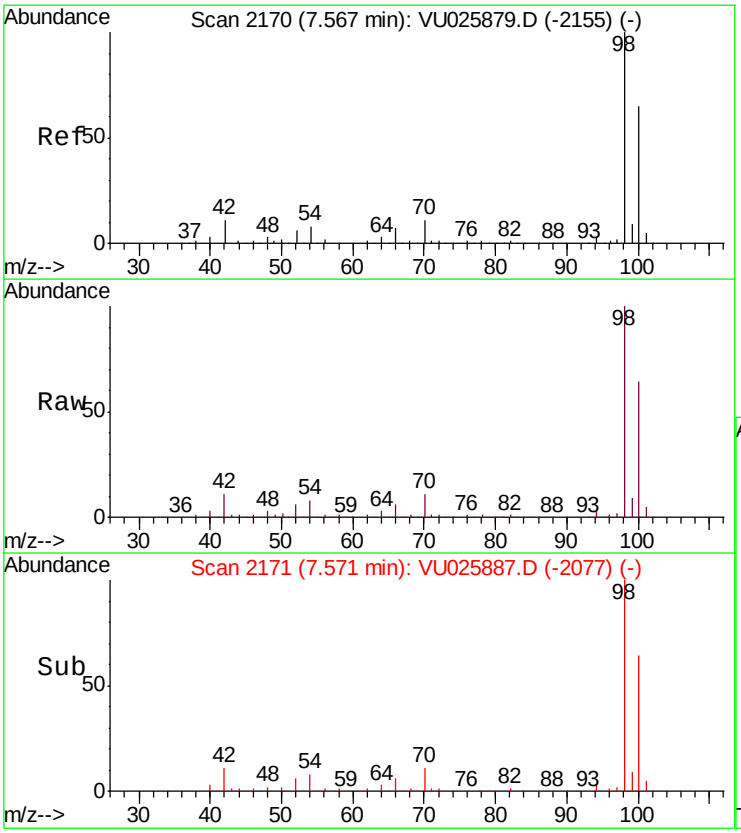
#49
1,4-Dioxane
Concen: 369.869 ug/l
RT: 6.62 min Scan# 1875
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 88 Resp: 21779

Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.3	40.9
58	67.3	57.6	86.4

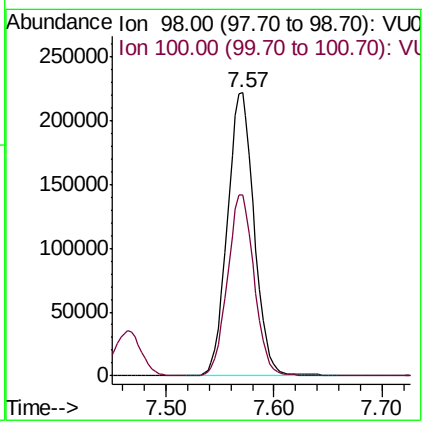


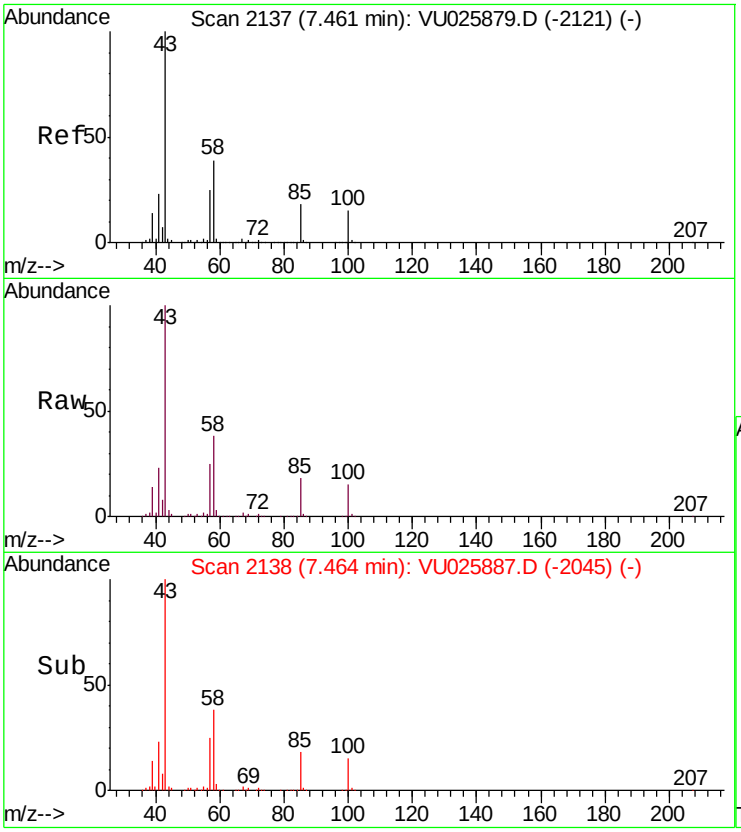


#50
Toluene-d8
Concen: 51.169 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 98 Resp: 383969

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7



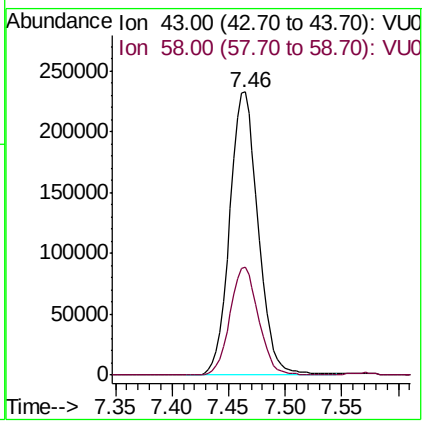


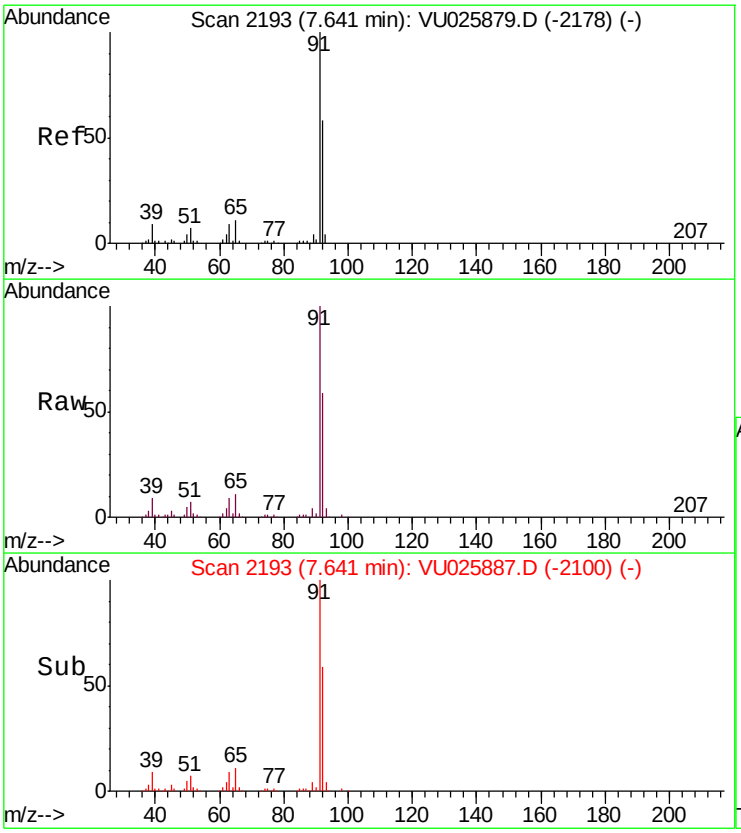
#51
4-Methyl-2-Pentanone
Concen: 132.104 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 43 Resp: 408321

Ion	Ratio	Lower	Upper
43	100		
58	38.2	31.0	46.4

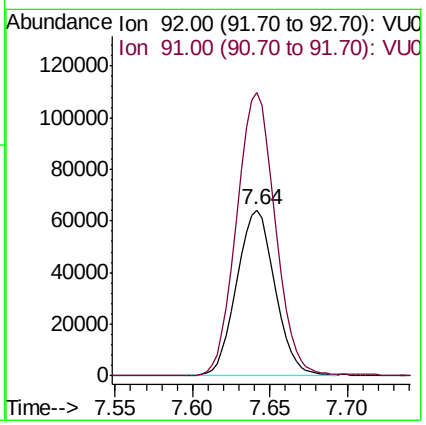


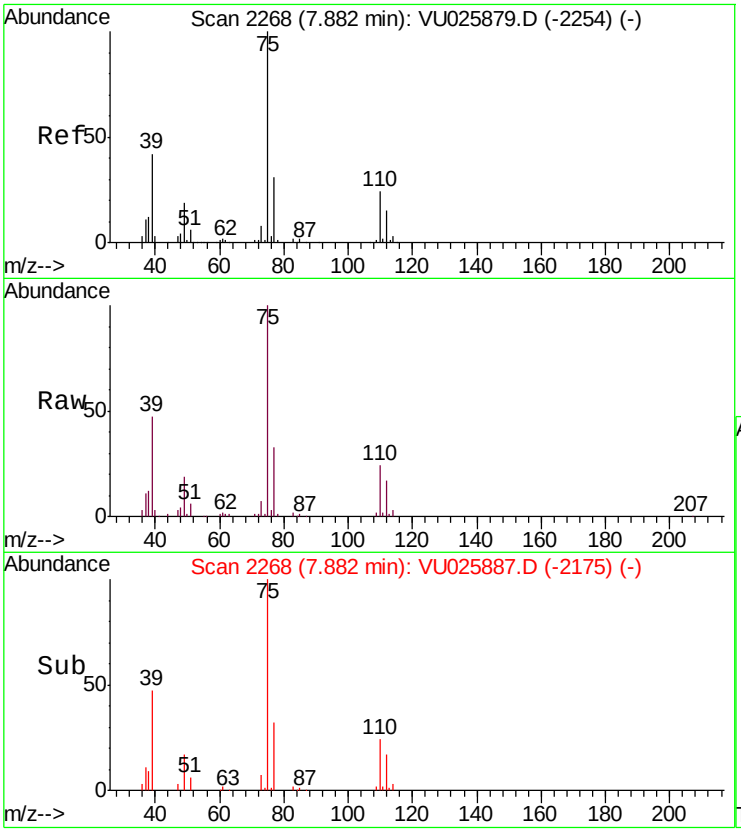


#52
Toluene
Concen: 21.237 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 92 Resp: 111121

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.2	208.8



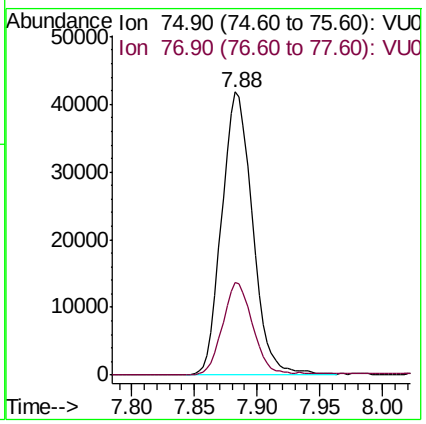


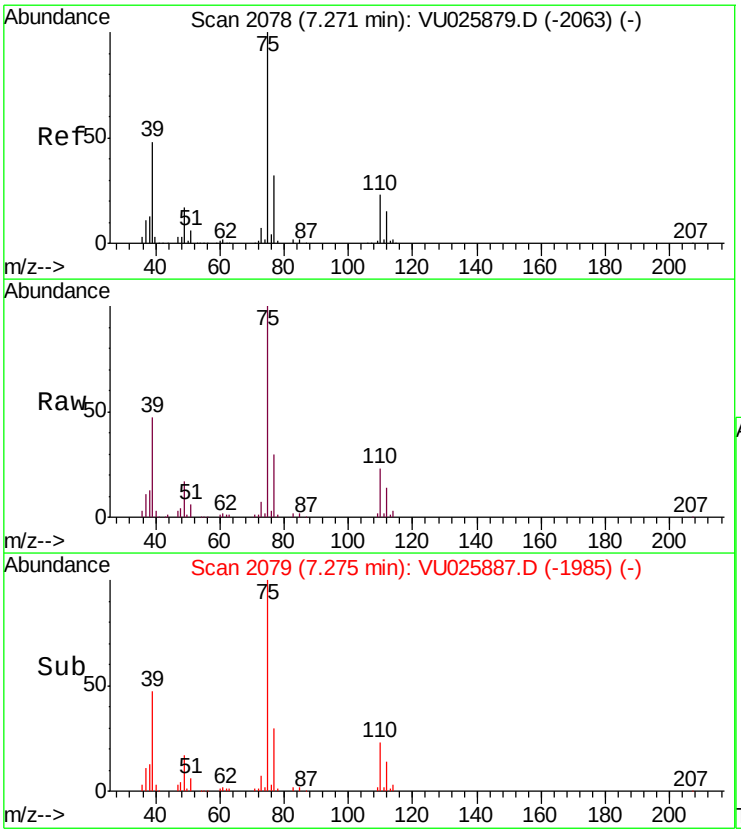
#53
t-1,3-Dichloropropene
Concen: 20.980 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 75 Resp: 71518

Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.5	36.7

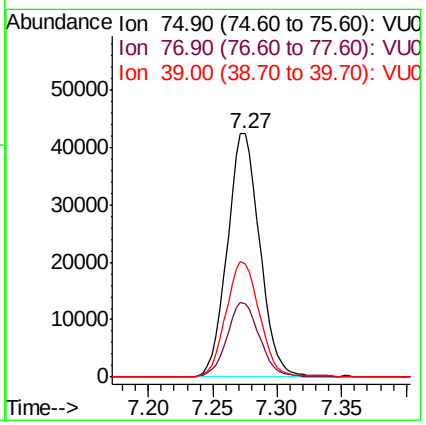


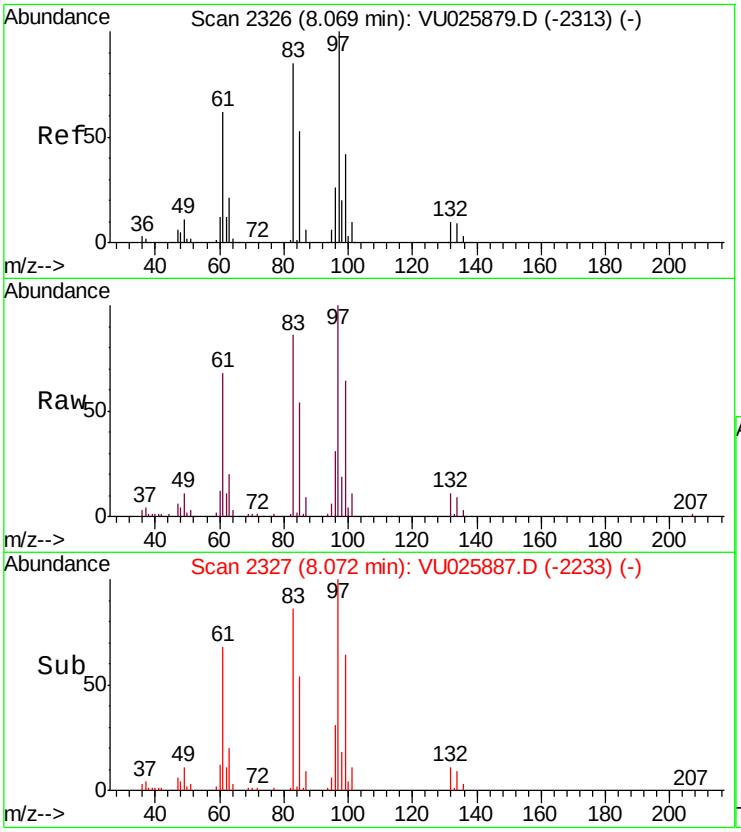


#54
cis-1,3-Dichloropropene
Concen: 21.203 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 75 Resp: 74246

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.6	38.4
39	46.7	40.0	60.0



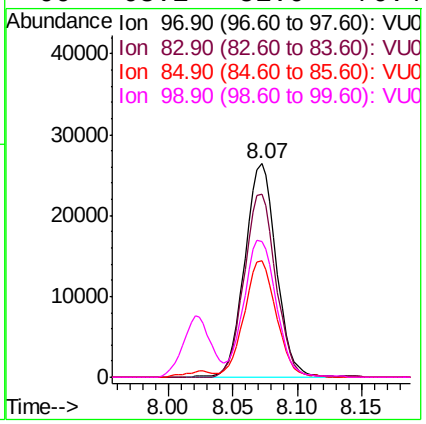


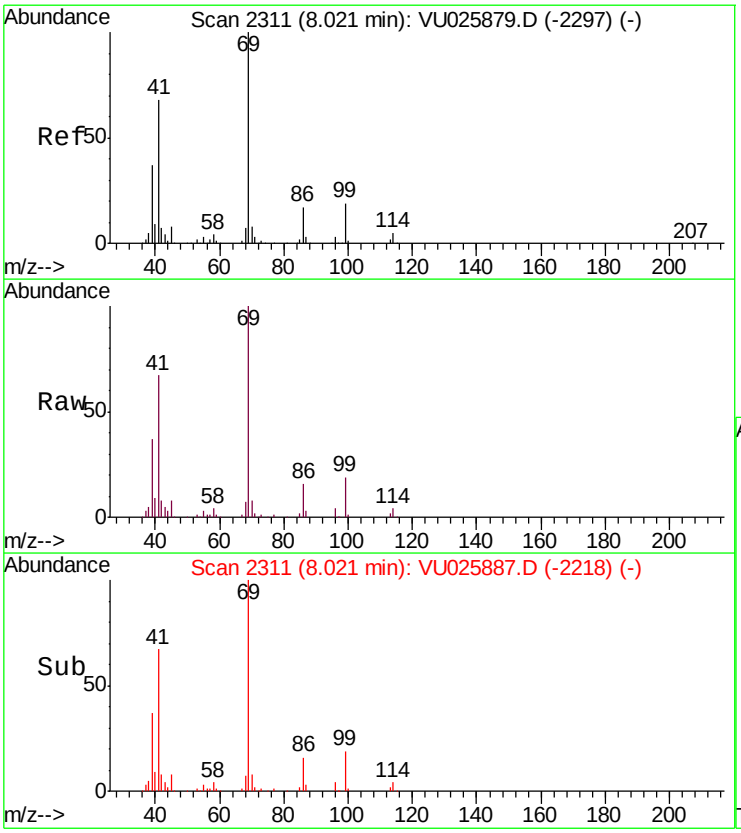
#55
1,1,2-Trichloroethane
Concen: 20.768 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 97 Resp: 45160

Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.9	103.3
85	54.3	44.4	66.6
99	63.1	51.0	76.4

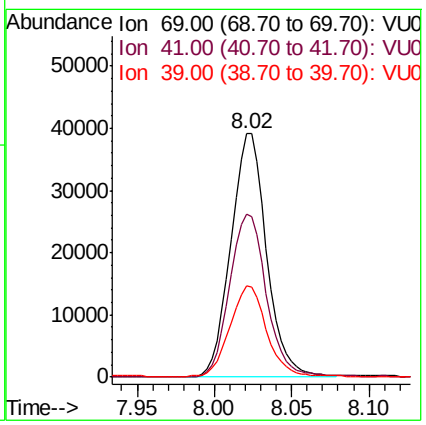


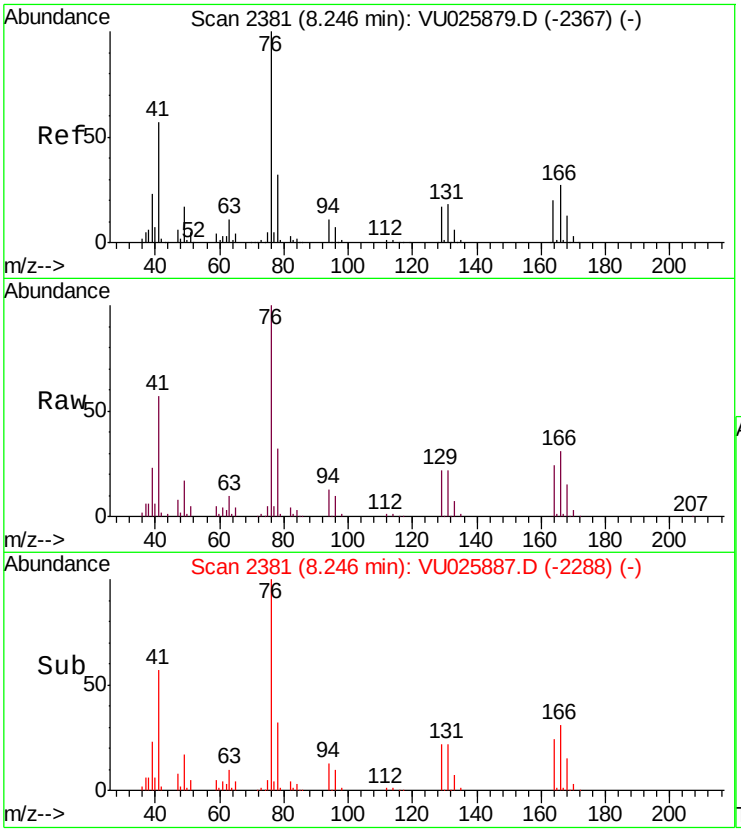


#56
Ethyl methacrylate
Concen: 20.219 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 69 Resp: 62816

Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.8	82.2
39	38.9	31.1	46.7



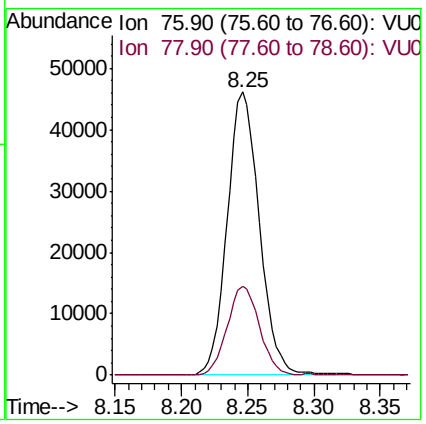


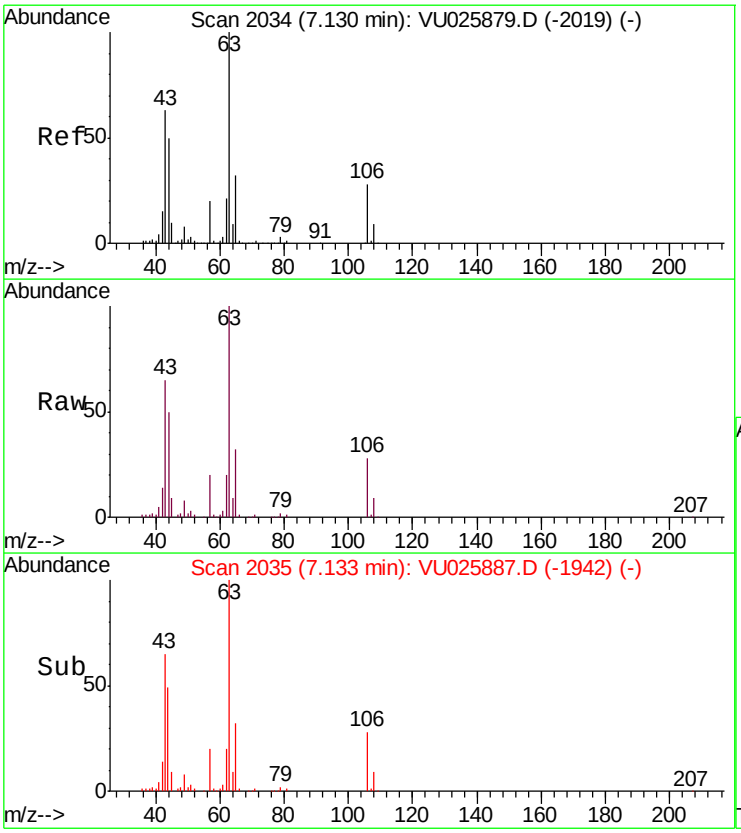
#57
1,3-Dichloropropane
Concen: 21.276 ug/l
RT: 8.25 min Scan# 2381
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 76 Resp: 77801

Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.1	39.1

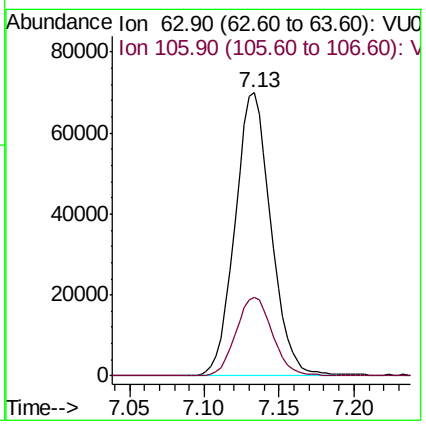


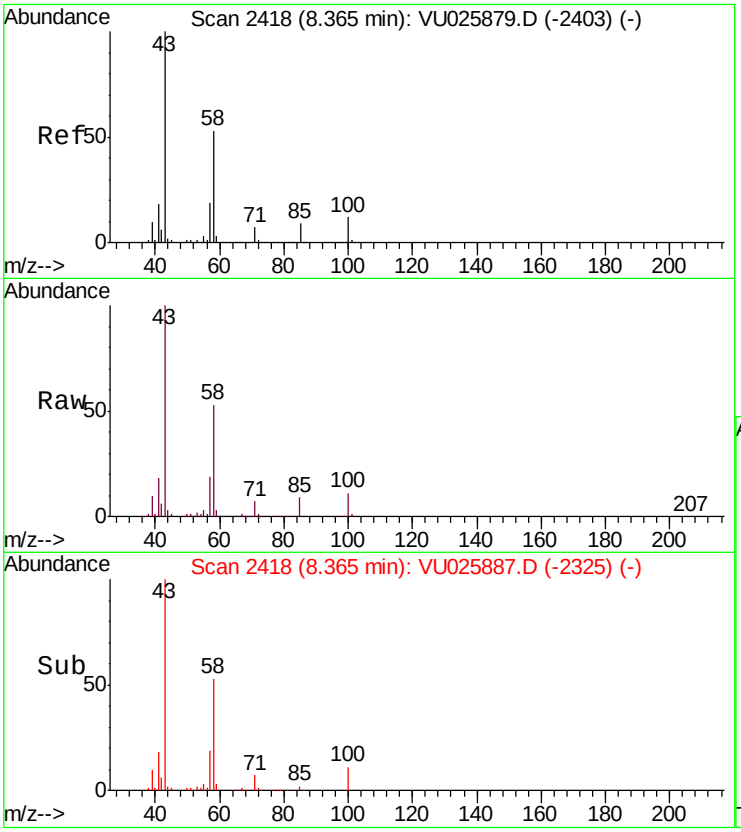


#58
2-Chloroethyl Vinyl ether
Concen: 87.953 ug/l
RT: 7.13 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 63 Resp: 117099

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.3	33.5



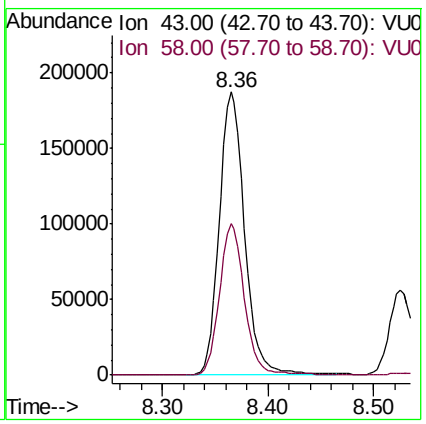


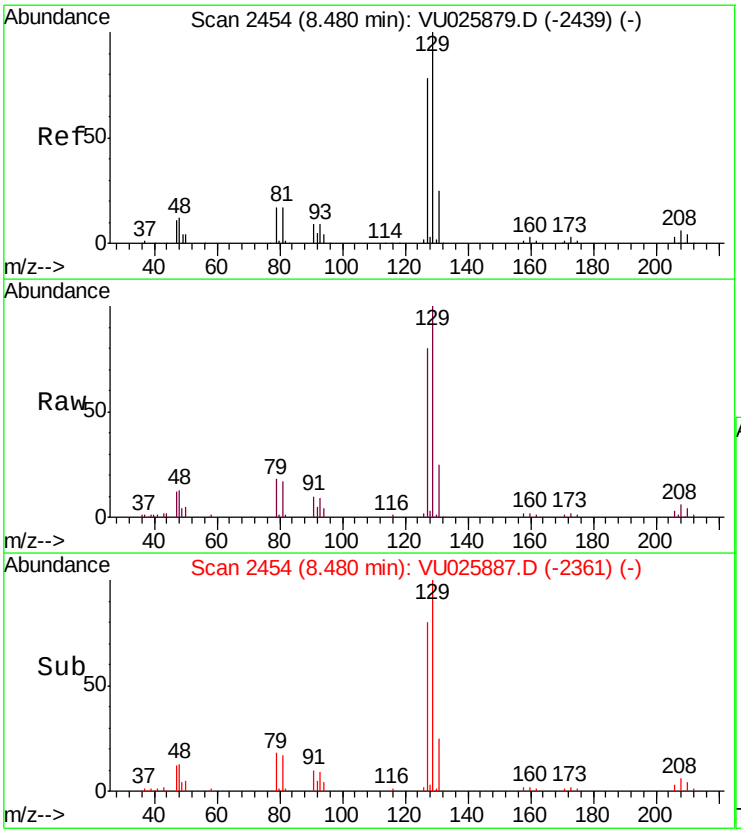
#59
2-Hexanone
Concen: 128.579 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 43 Resp: 311533

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.2	78.5

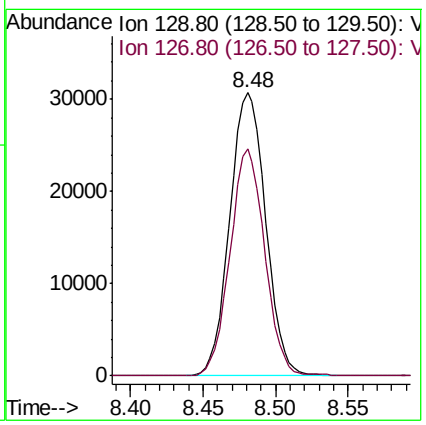


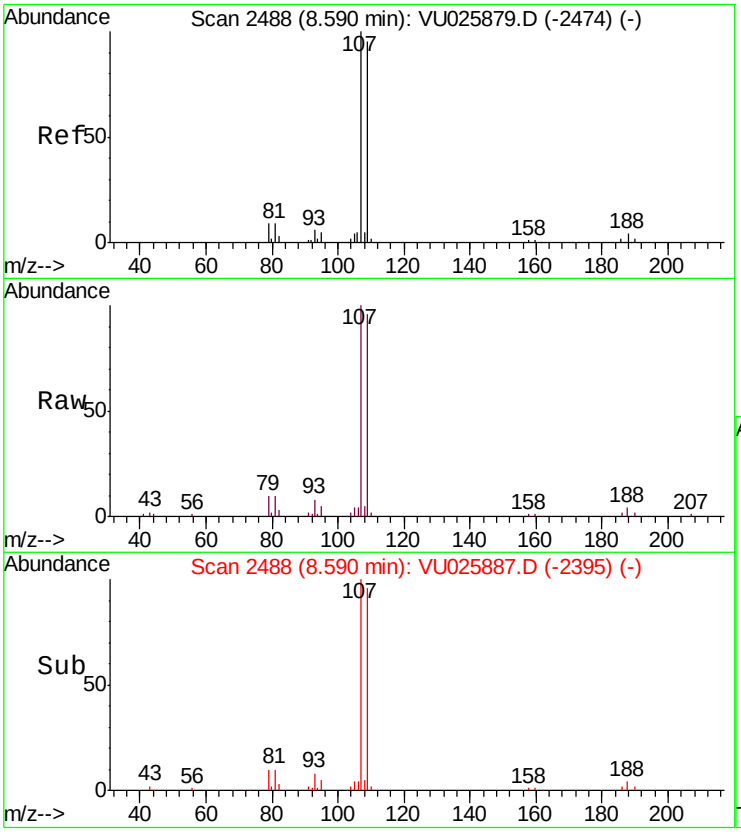


#60
Dibromochloromethane
Concen: 20.608 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:129 Resp: 52843

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	115.8



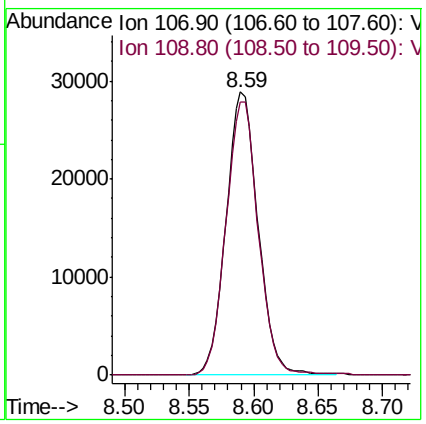


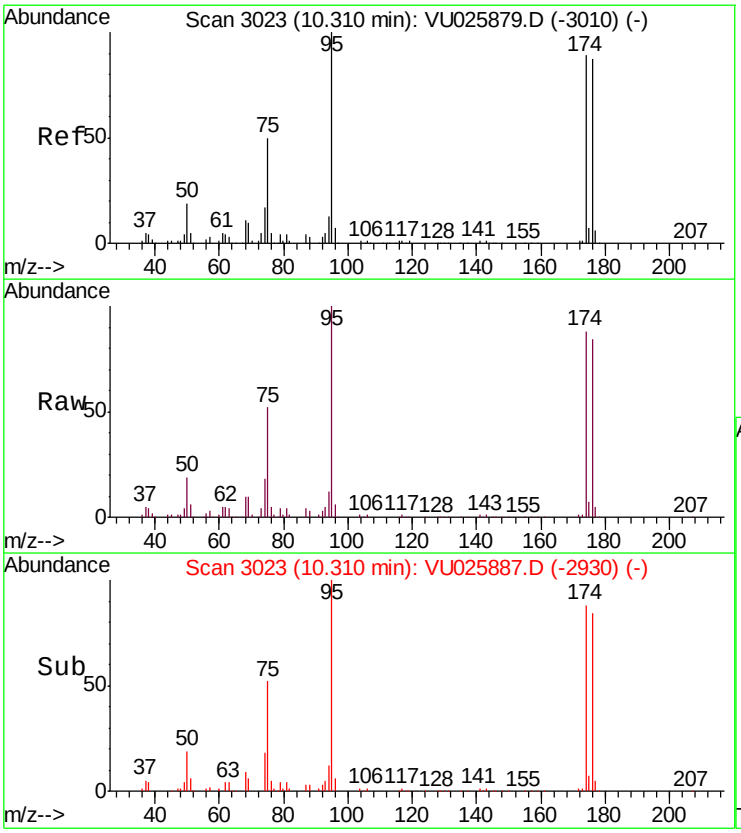
#61
1,2-Dibromoethane
Concen: 20.584 ug/l
RT: 8.59 min Scan# 2488
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion:107 Resp: 49777

Ion	Ratio	Lower	Upper
107	100		
109	97.2	75.8	113.8

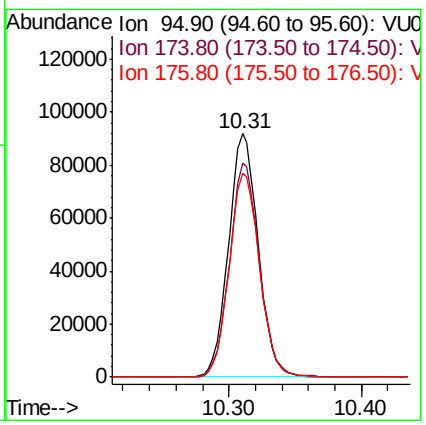


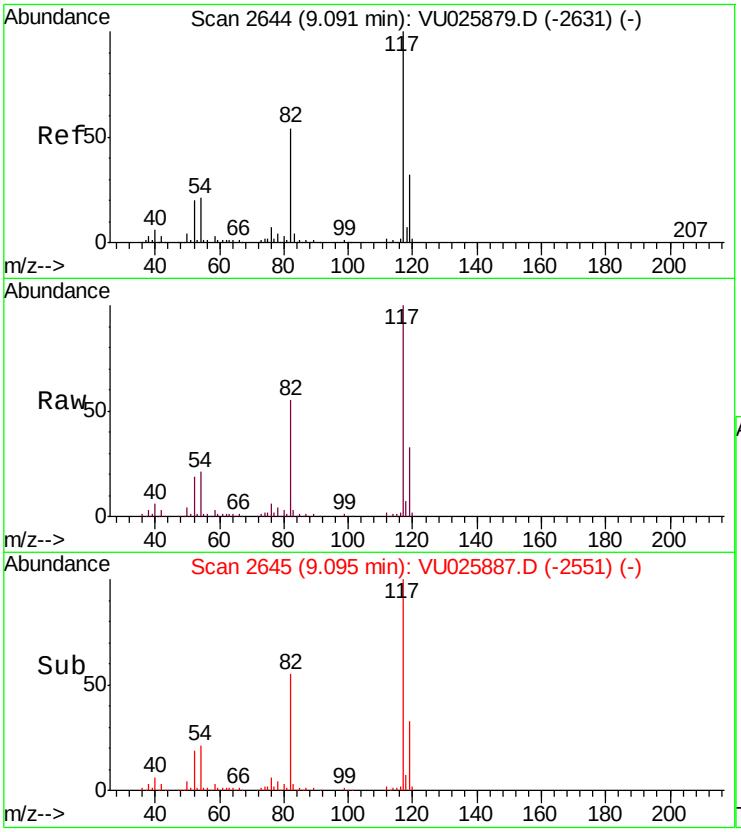


#62
4-Bromofluorobenzene
Concen: 48.949 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 95 Resp: 142568

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	172.2
176	85.6	0.0	162.6



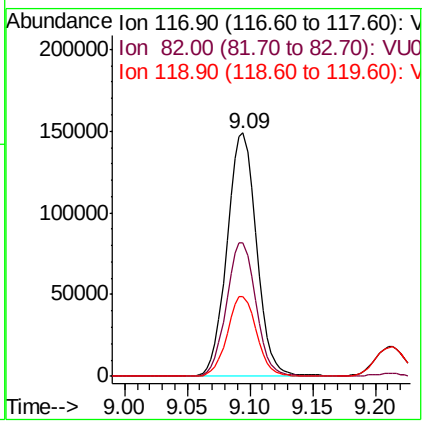


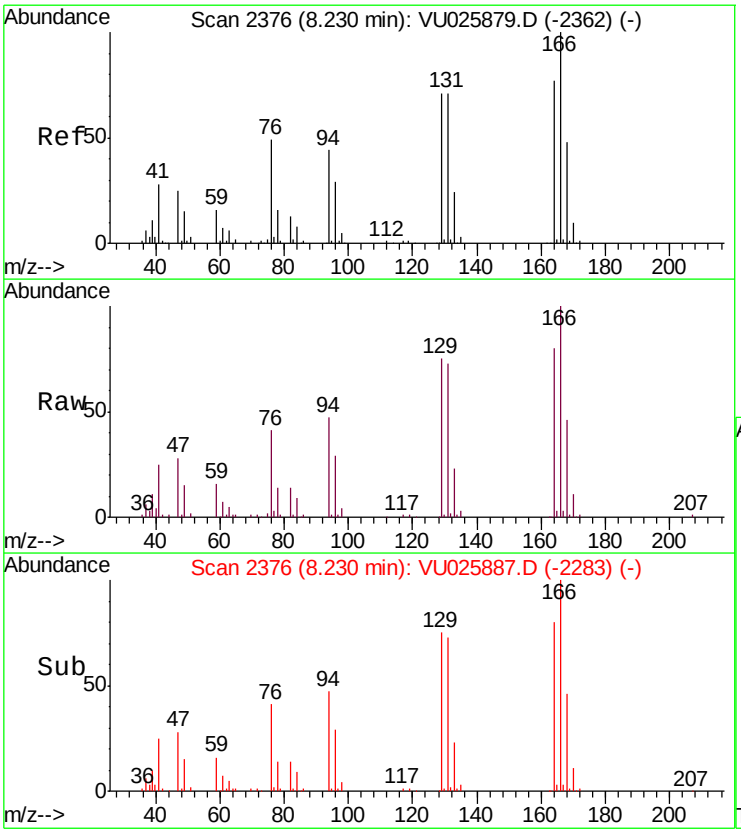
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion:117 Resp: 243452

Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.0	69.0
119	32.7	26.0	39.0

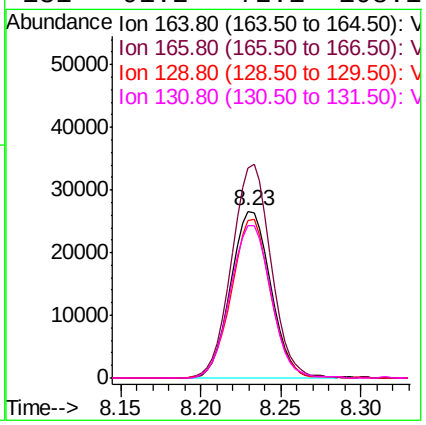


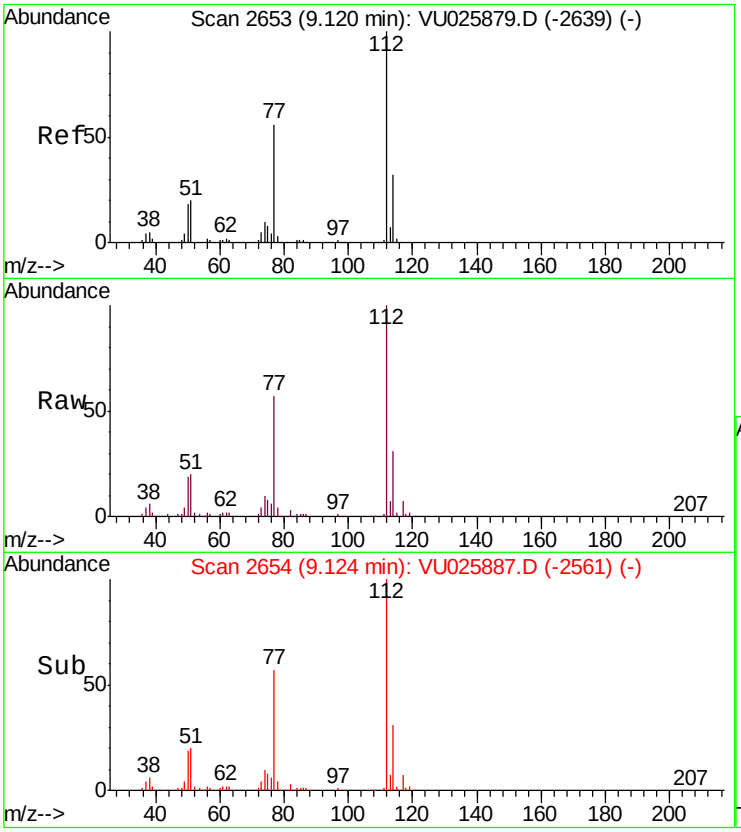


#64
Tetrachloroethene
Concen: 21.197 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:164 Resp: 45422

Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.1	151.7
129	94.5	73.0	109.6
131	91.2	72.1	108.1



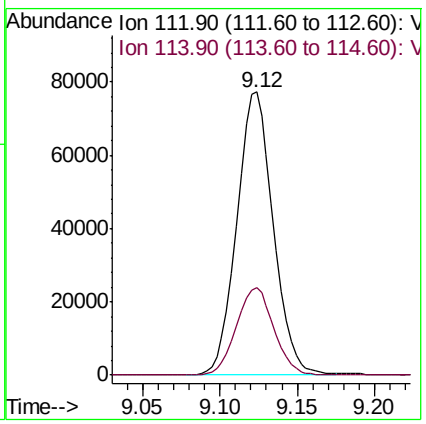


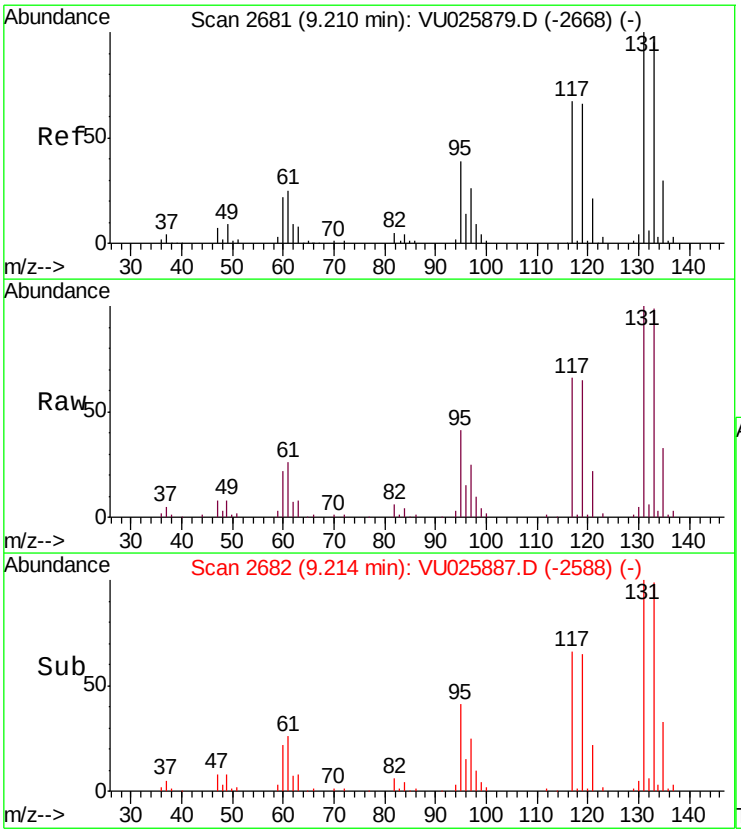
#65
Chlorobenzene
Concen: 20.192 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion:112 Resp: 126737

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.8	38.8

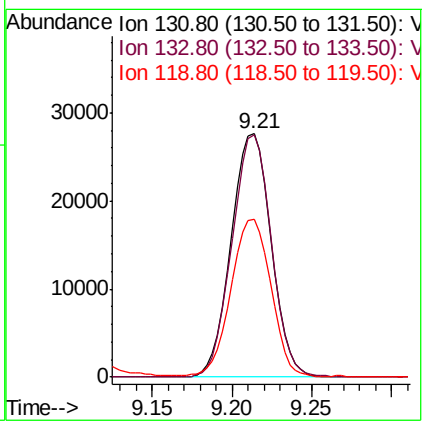


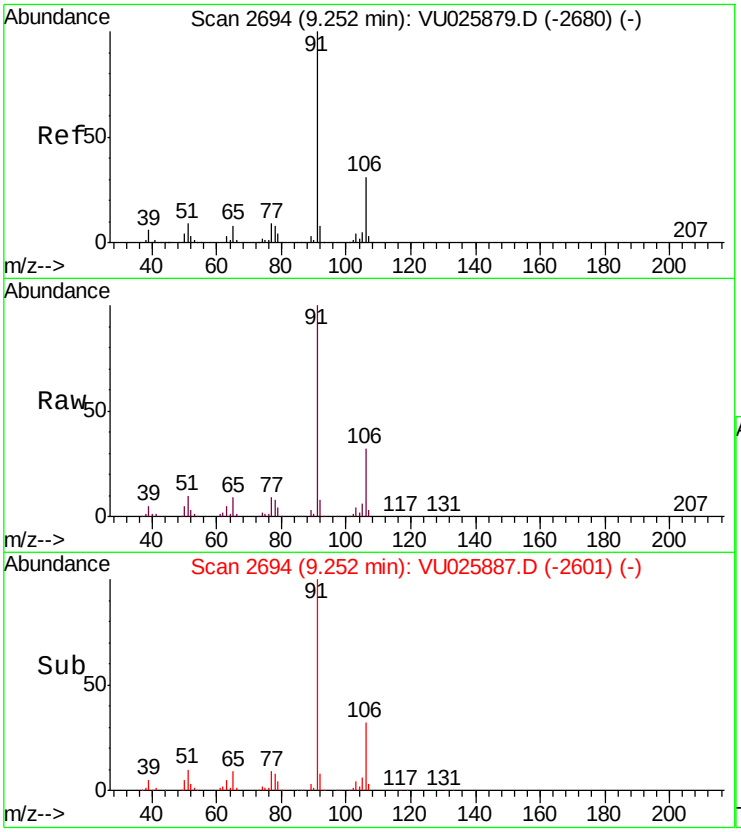


#66
1,1,1,2-Tetrachloroethane
Concen: 20.771 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:131 Resp: 47164

Ion	Ratio	Lower	Upper
131	100		
133	97.8	47.8	143.3
119	65.0	31.6	95.0



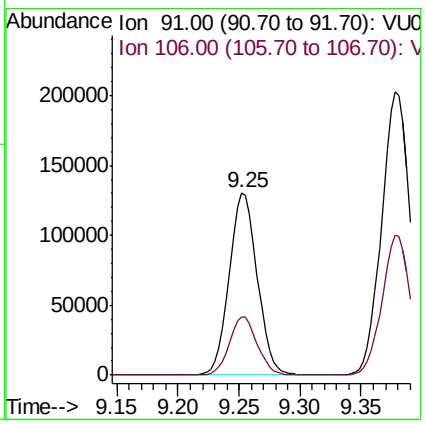


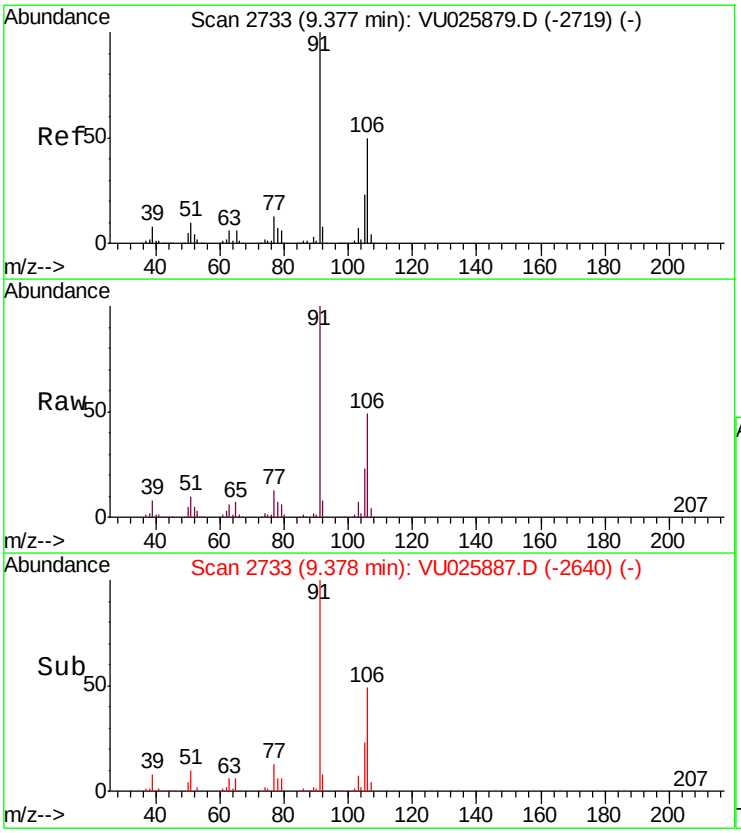
#67
Ethyl Benzene
Concen: 20.083 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion: 91 Resp: 208806

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.3	37.9

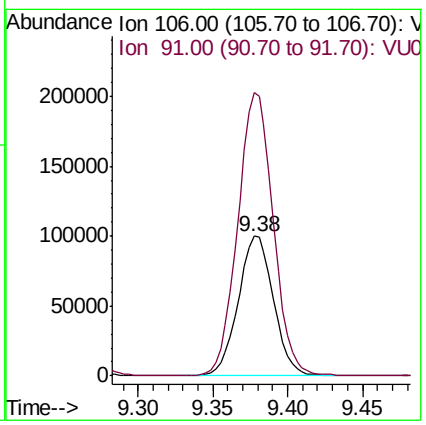


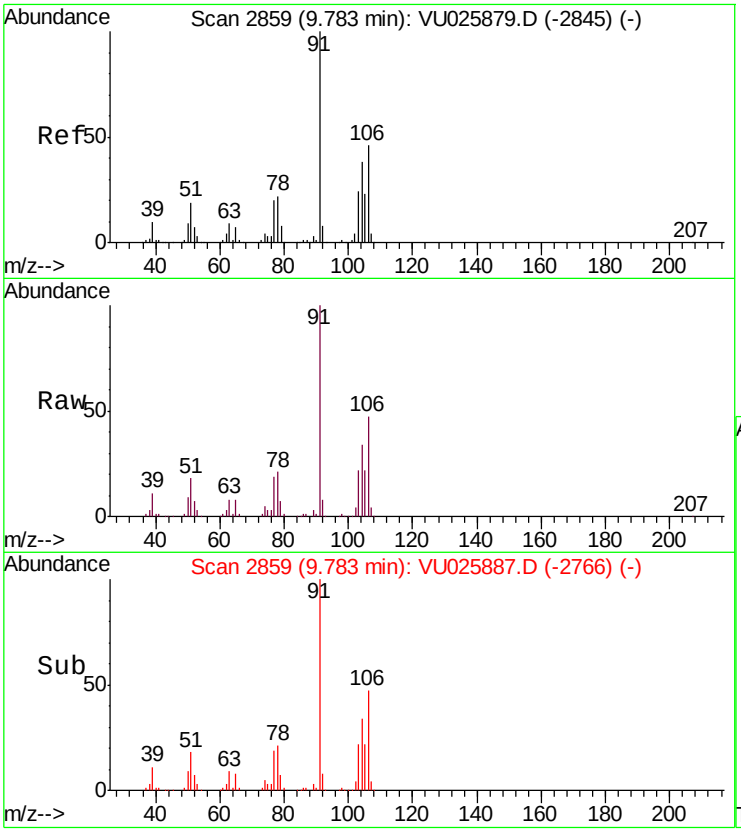


#68
m/p-Xylenes
Concen: 40.957 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:106 Resp: 163485

Ion	Ratio	Lower	Upper
106	100		
91	204.9	162.3	243.5



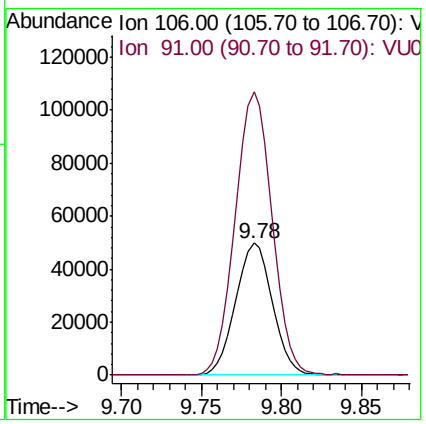


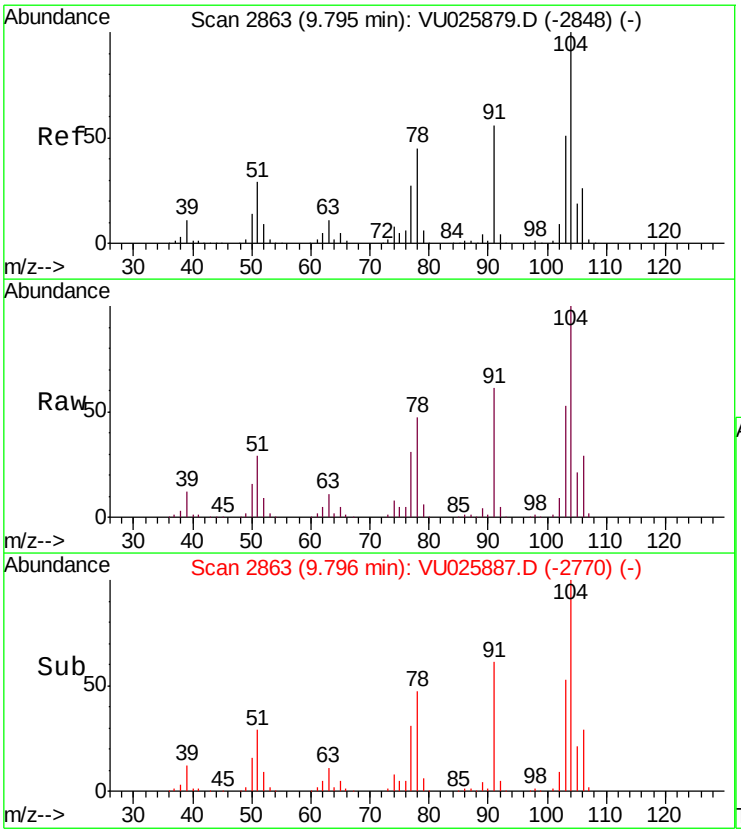
#69
o-Xylene
Concen: 19.954 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBS01

Tgt Ion:106 Resp: 77843

Ion	Ratio	Lower	Upper
106	100		
91	215.7	105.3	315.8

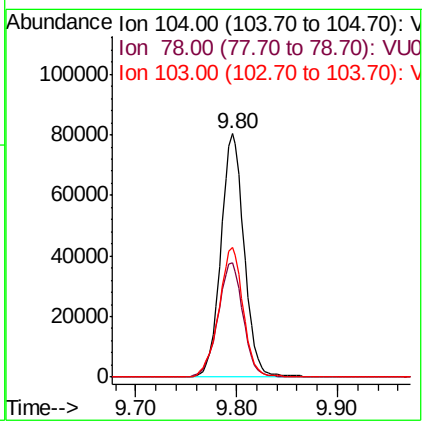


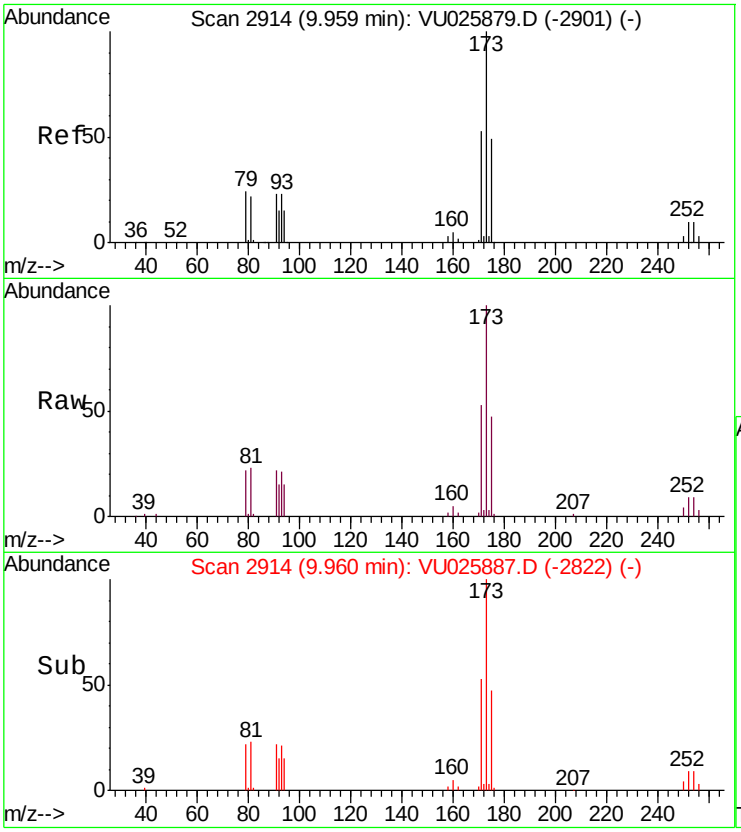


#70
Styrene
Concen: 20.629 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:104 Resp: 129994

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.6	62.4
103	55.6	44.6	66.8



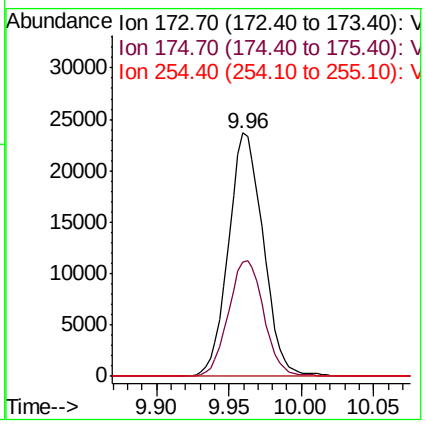


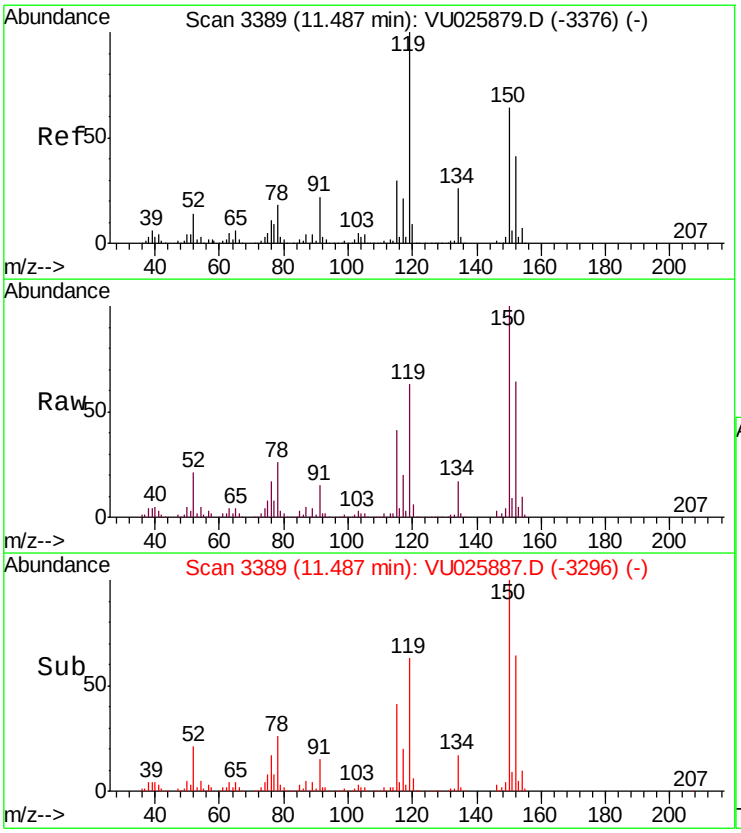
#71
Bromoform
Concen: 20.080 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion:173 Resp: 39534

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.0	0.0	0.0

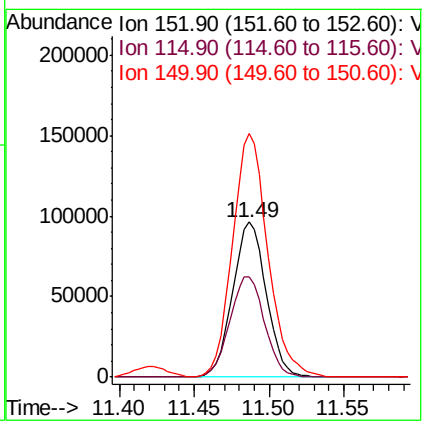


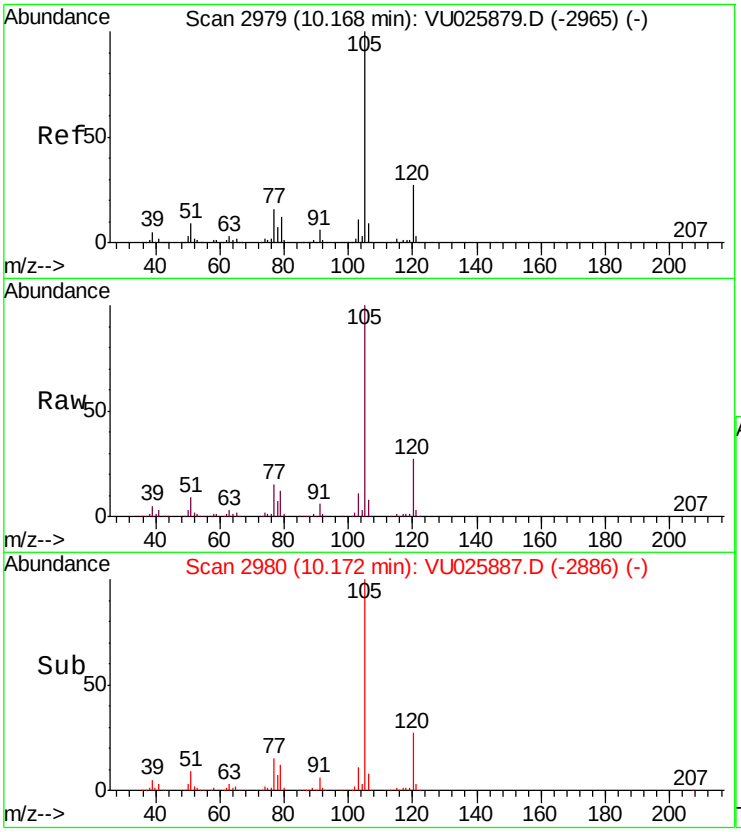


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion:152 Resp: 150481

Ion	Ratio	Lower	Upper
152	100		
115	67.2	40.1	120.3
150	165.3	0.0	351.4



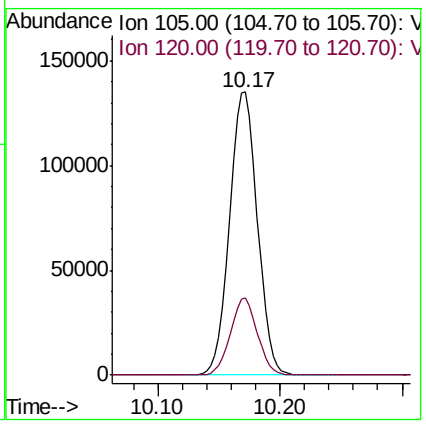


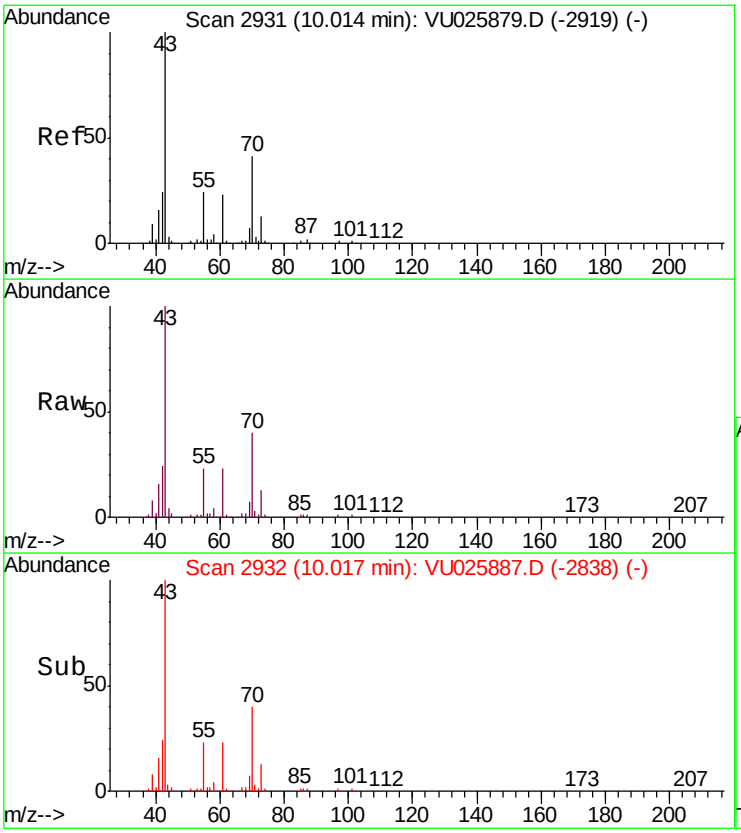
#73
Isopropylbenzene
Concen: 20.878 ug/l
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion:105 Resp: 214429

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.5	40.5

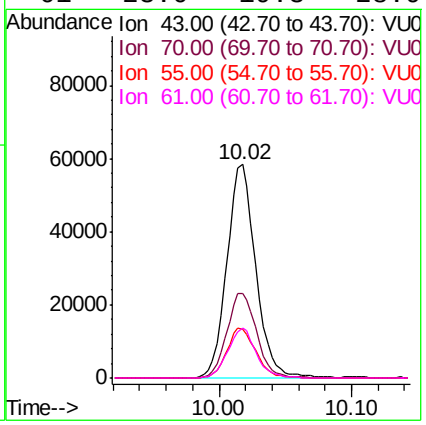


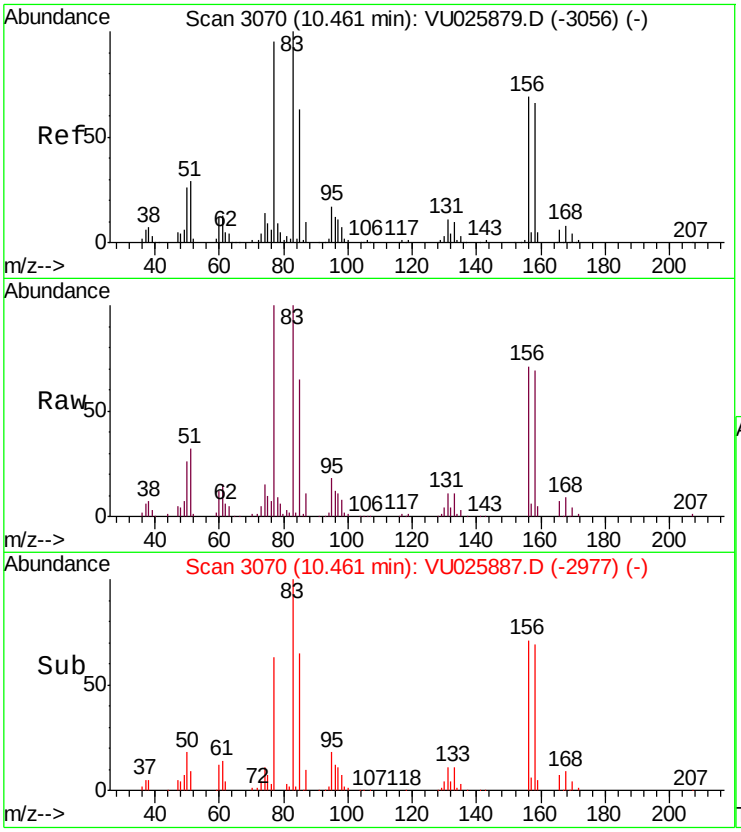


#74
N-amyl acetate
Concen: 21.023 ug/l
RT: 10.02 min Scan# 2932
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 43 Resp: 88148

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.4	50.2
55	23.5	19.0	28.6
61	23.0	19.3	28.9



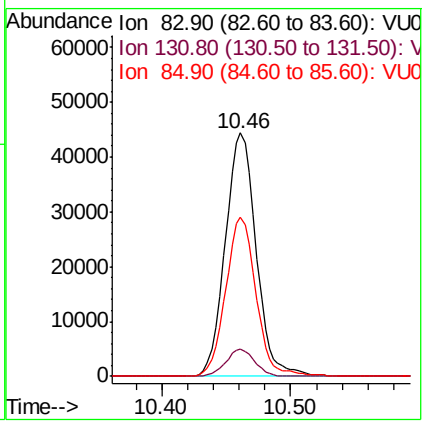


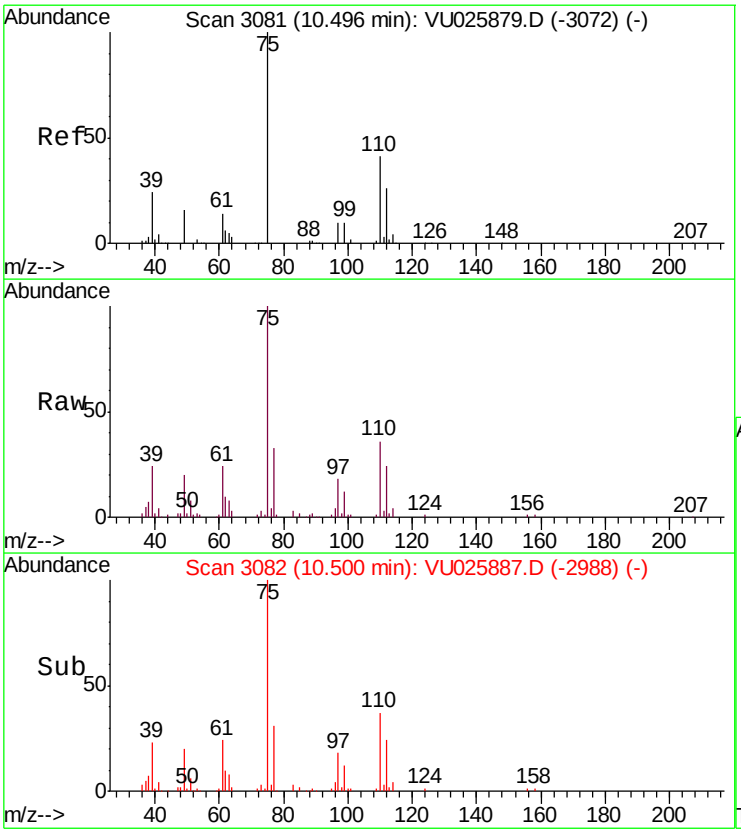
#75
1,1,2,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 10.46 min Scan# 3070
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Instrument : MSVOA_U
ClientSampleId : VU0806MBS01

Tgt Ion: 83 Resp: 73707

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.5	16.4
85	64.2	31.6	94.8





#76
1,2,3-Trichloropropane
Concen: 26.407 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025887.D
Acq: 06 Aug 2018 15:44

Tgt Ion: 75 Resp: 87556

Ion	Ratio	Lower	Upper
75	100		
77	30.6	20.4	61.3