Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102218\
Data File : VX005483.D
Acq On : 22 Oct 2018 21:00
Operator : JC/MD
Sample : J5538-24 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CNS01

Quant Time: Oct 23 01:30:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	247276	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	349518	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	294964	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144740	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	155224	56.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.12%				
35) Dibromofluoromethane	5.50	113	125051	54.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.04%				
50) Toluene-d8	8.71	98	404927	50.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.90%				
62) 4-Bromofluorobenzene	11.14	95	132762	44.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.94%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	211	0.714	ug/l		91
6) Chloroethane	1.70	64	80	0.378	ug/l	#	44
10) Methyl Iodide	2.52	142	19	2.496	ug/l	#	41
13) Acrolein	2.29	56	296	Below Cal			89
14) Allyl chloride	2.71	41	5129	1.079	ug/l	#	43
15) Acrylonitrile	3.14	53	396	0.226	ug/l	#	73
16) Acetone	2.44	43	9749	6.144	ug/l		89
18) Methyl Acetate	2.79	43	6868	1.521	ug/l		98
20) Methylene Chloride	2.86	84	18548	6.894	ug/l		85
25) 2-Butanone	4.71	43	1482	0.638	ug/l	#	73
29) Tetrahydrofuran	5.17	42	1266	0.855	ug/l	#	51
36) 1,1-Dichloropropene	5.66	75	16758	4.951	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	22476	6.608	ug/l	#	15
43) Isopropyl Acetate	6.47	43	30499	5.259	ug/l		96
48) Methyl methacrylate	7.67	41	5166	1.718	ug/l	#	32
51) 4-Methyl-2-Pentanone	8.65	43	79299	19.749	ug/l		94
56) Ethyl methacrylate	9.10	69	5814	1.695	ug/l	#	49
68) m/p-Xylenes	10.36	106	893	0.226	ug/l		94
74) N-amyl acetate	10.91	43	1260	0.304	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	65881	23.466	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	65881	71.300	ug/l	#	10
95) Naphthalene	13.83	128	6856	0.687	ug/l	#	97

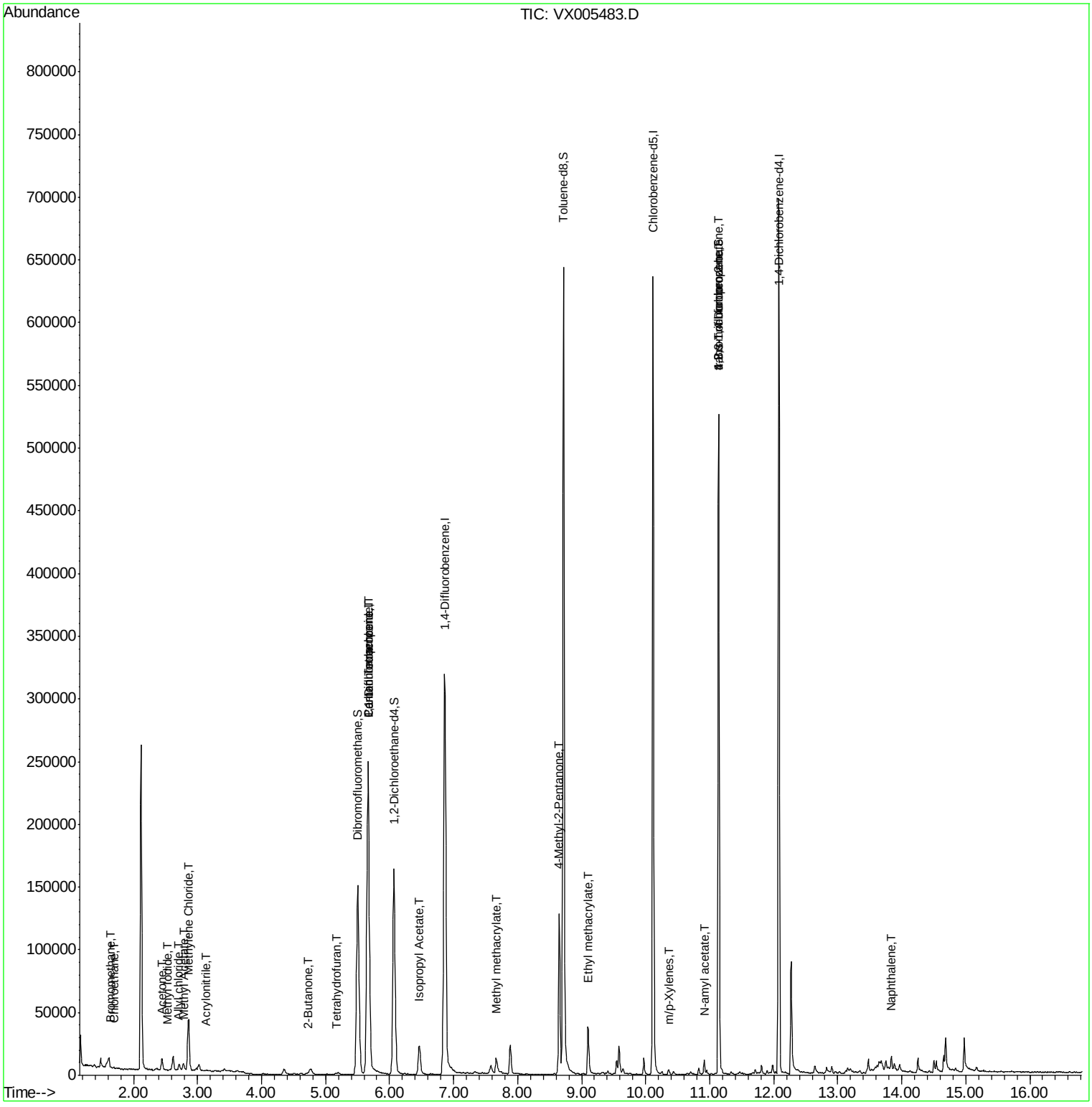
(#) = qualifier out of range (m) = manual integration (+) = signals summed

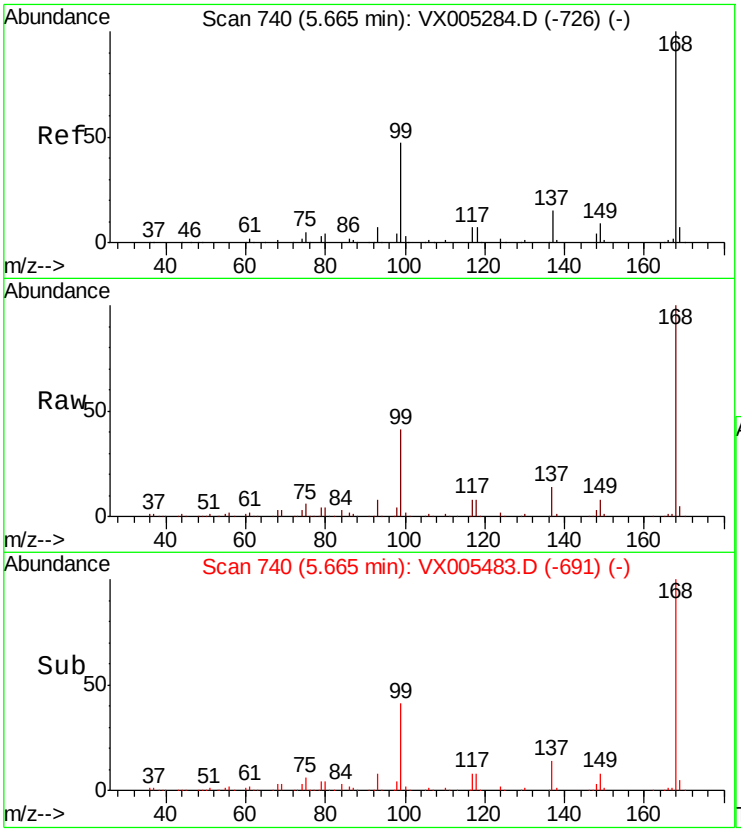
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102218\
Data File : VX005483.D
Acq On : 22 Oct 2018 21:00
Operator : JC/MD
Sample : J5538-24 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CNS01

Quant Time: Oct 23 01:30:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



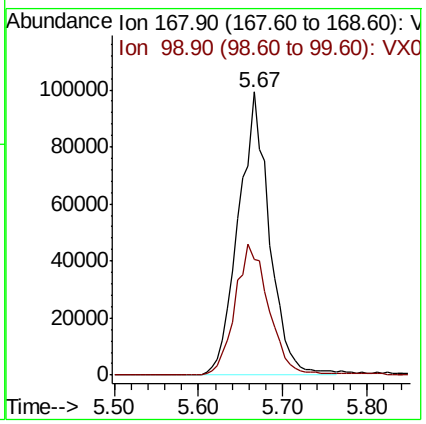


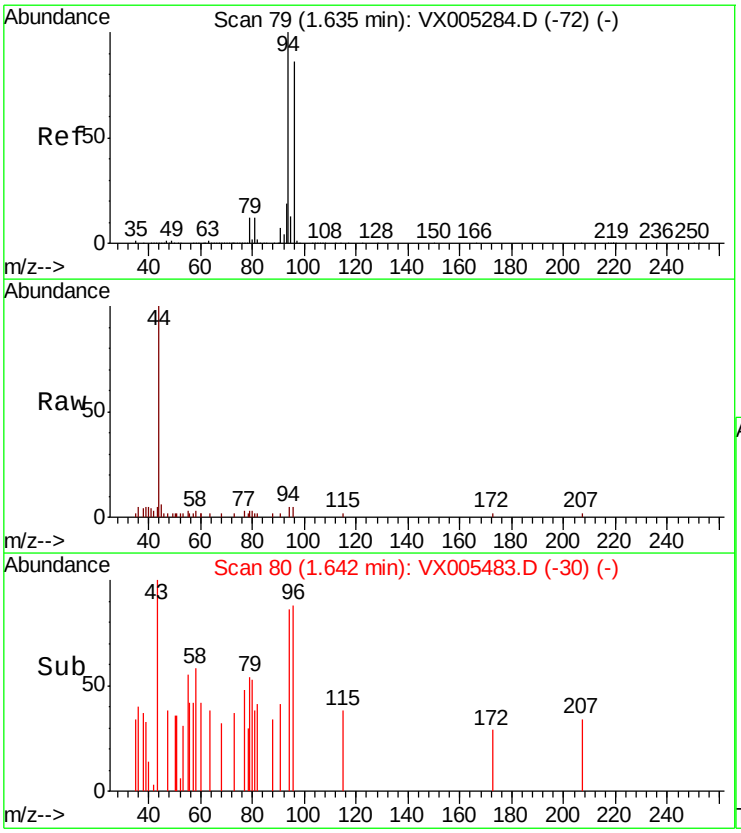
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion:168 Resp: 247276

Ion	Ratio	Lower	Upper
168	100		
99	40.8	39.9	59.9

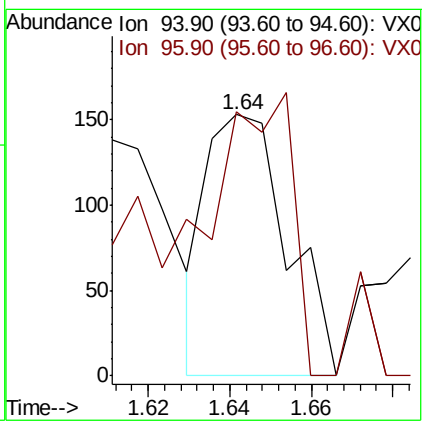


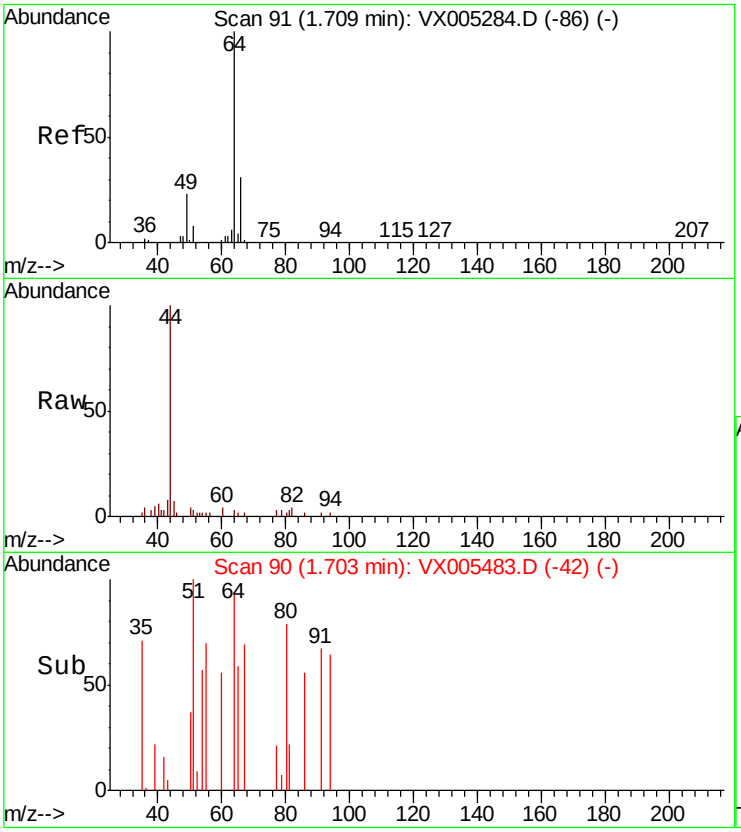


#5
Bromomethane
Concen: 0.714 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 94 Resp: 211

Ion	Ratio	Lower	Upper
94	100		
96	101.3	74.5	111.7



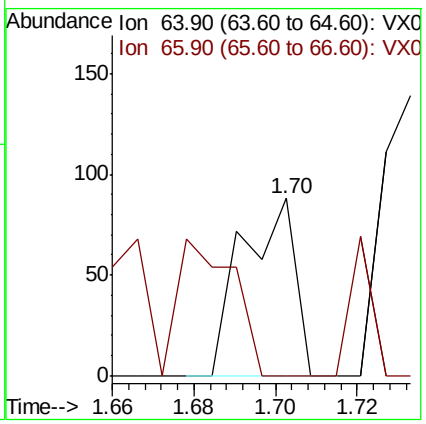


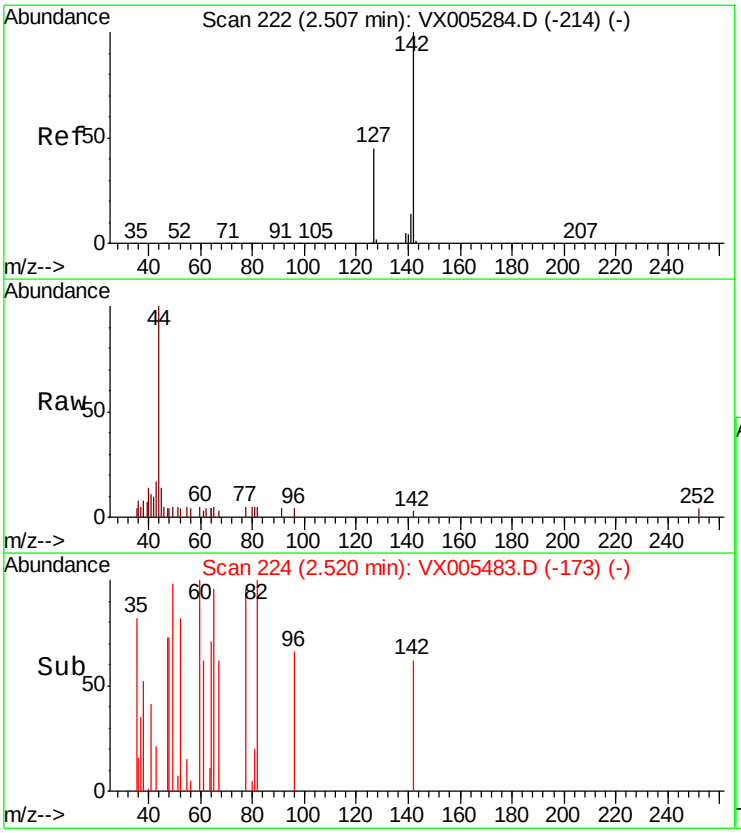
#6
Chloroethane
Concen: 0.378 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 64 Resp: 80

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

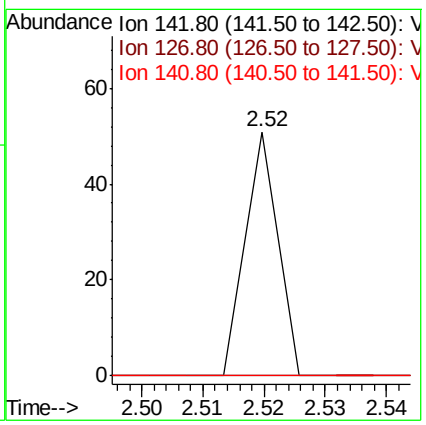


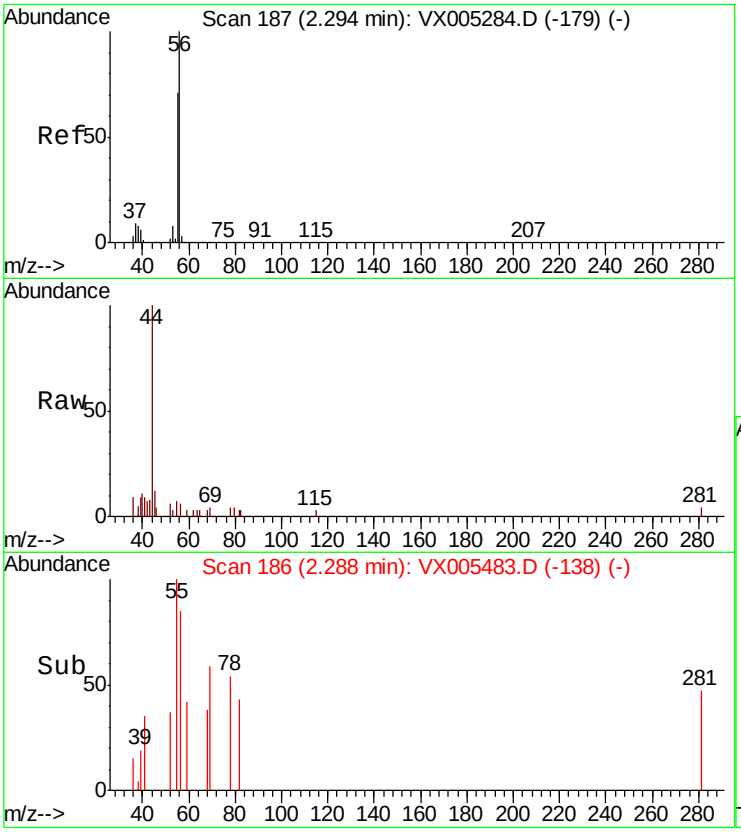


#10
Methyl Iodide
Concen: 2.496 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion:142 Resp: 19

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.8	50.6#
141	0.0	11.4	17.0#



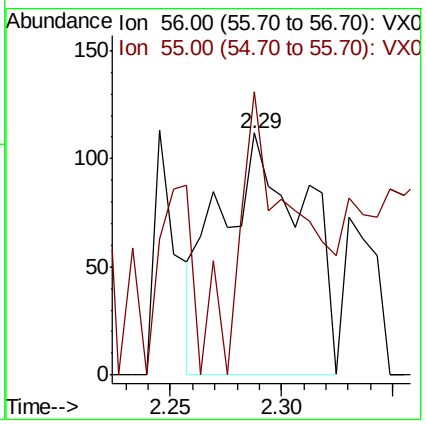


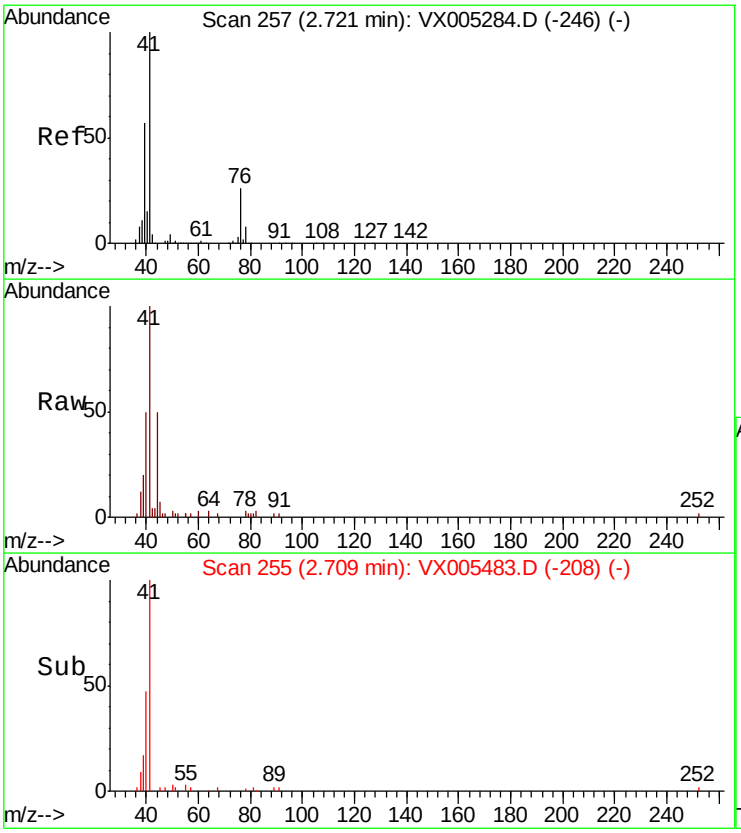
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 56 Resp: 296

Ion	Ratio	Lower	Upper
56	100		
55	77.4	54.7	82.1

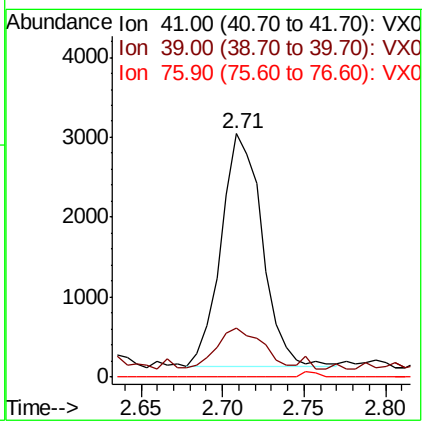


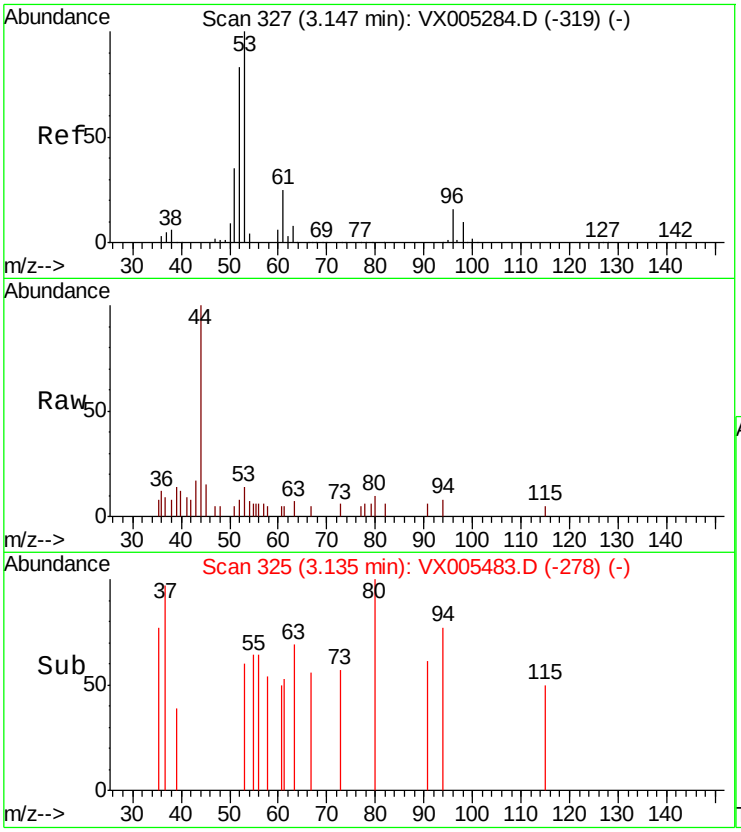


#14
Allyl chloride
Concen: 1.079 ug/l
RT: 2.71 min Scan# 255
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 41 Resp: 5129

Ion	Ratio	Lower	Upper
41	100		
39	18.6	48.9	73.3#
76	0.0	26.7	40.1#



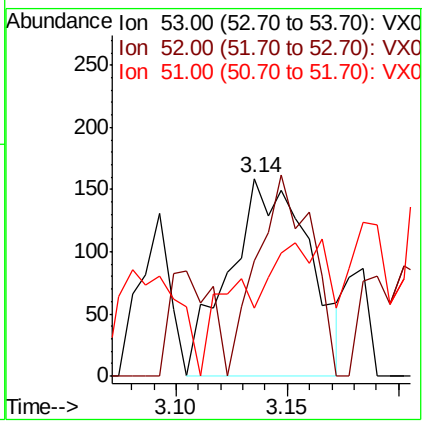


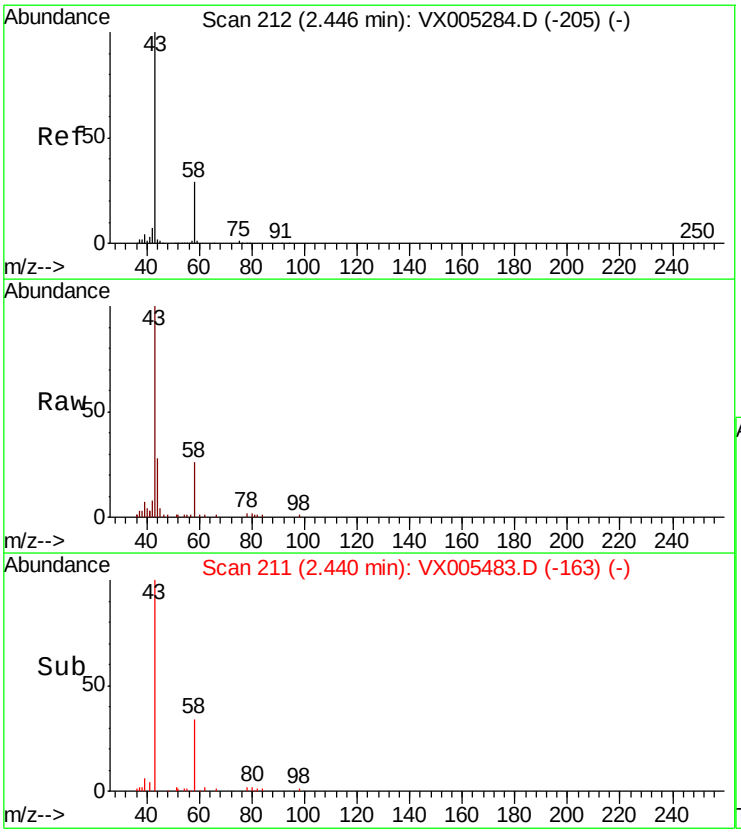
#15
Acrylonitrile
Concen: 0.226 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 53 Resp: 396

Ion	Ratio	Lower	Upper
53	100		
52	69.9	65.2	97.8
51	0.0	28.2	42.2#

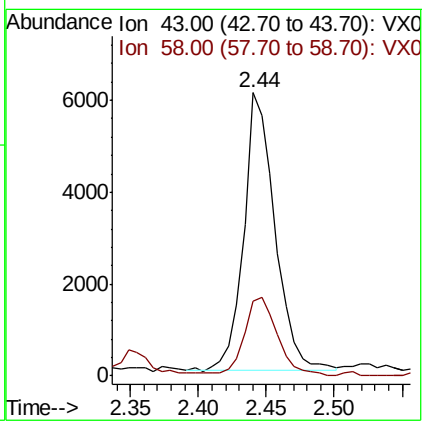


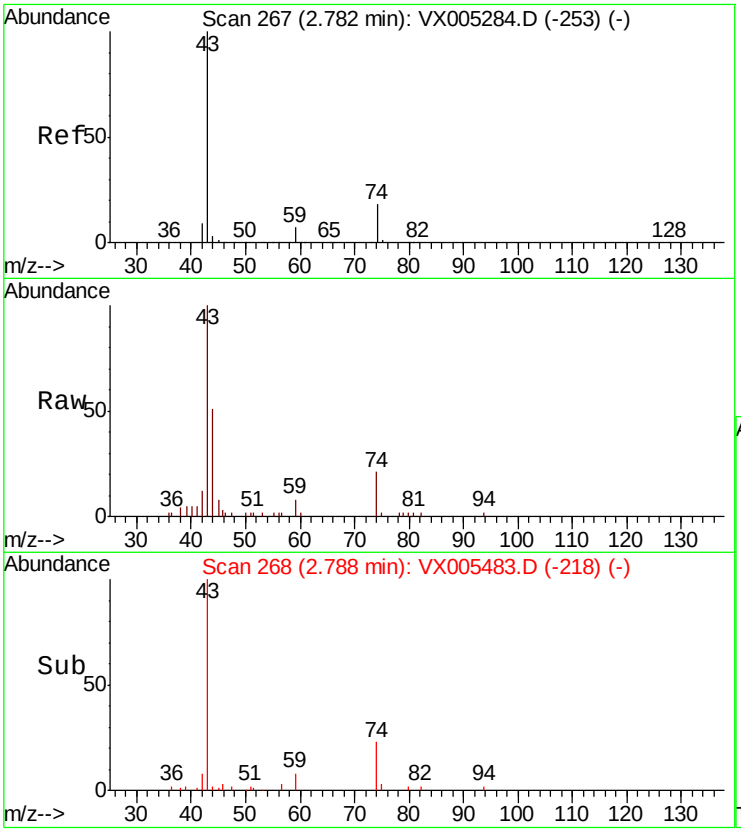


#16
Acetone
Concen: 6.144 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 43 Resp: 9749

Ion	Ratio	Lower	Upper
43	100		
58	26.8	26.2	39.4



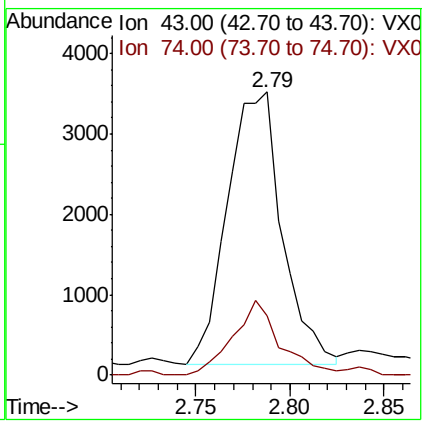


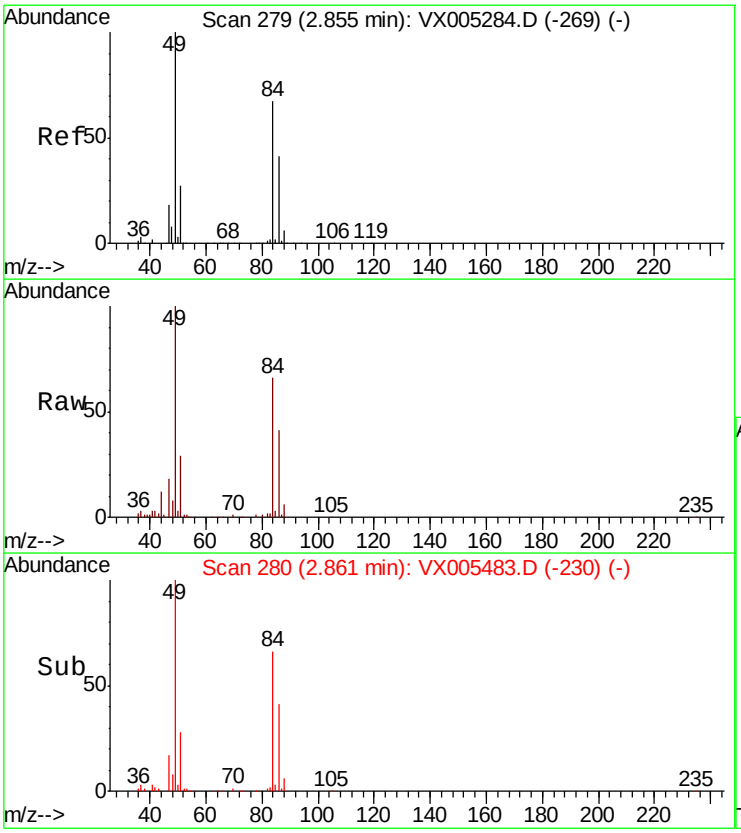
#18
Methyl Acetate
Concen: 1.521 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 43 Resp: 6868

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2

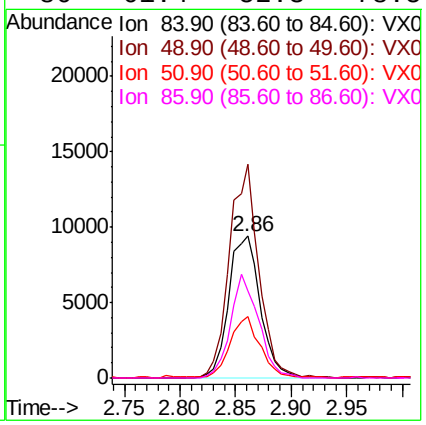


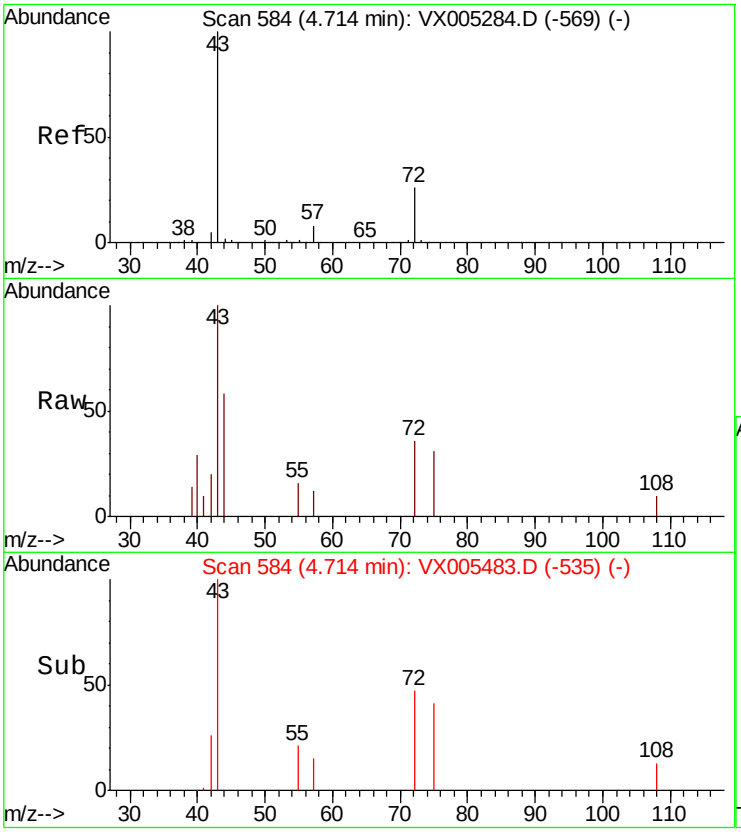


#20
Methylene Chloride
Concen: 6.894 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 84 Resp: 18548

Ion	Ratio	Lower	Upper
84	100		
49	150.8	101.2	151.8
51	43.3	29.5	44.3
86	61.4	52.3	78.5



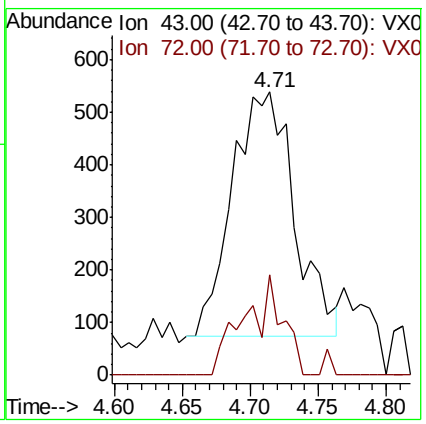


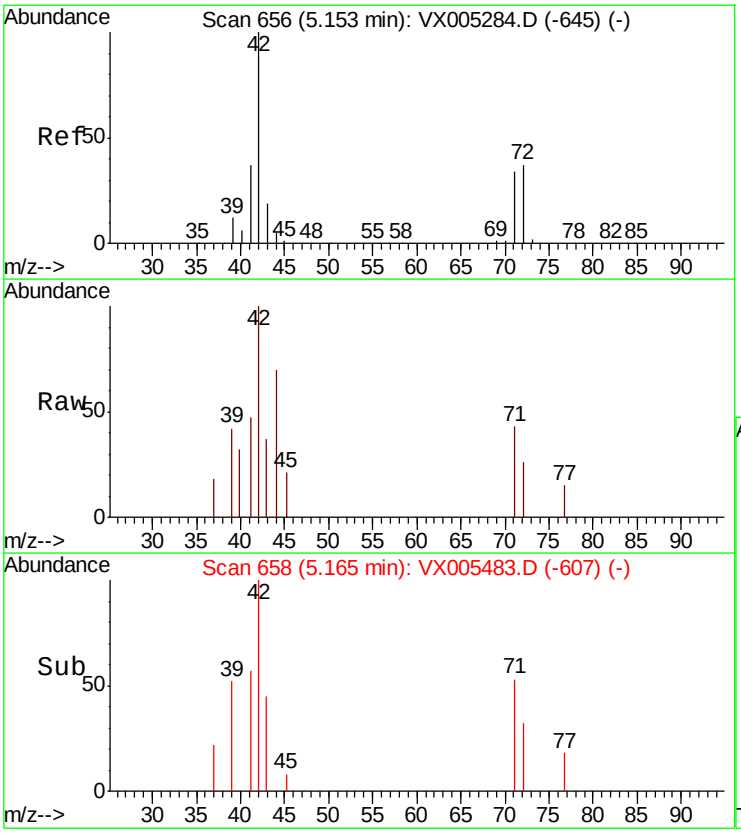
#25
2-Butanone
Concen: 0.638 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 43 Resp: 1482

Ion	Ratio	Lower	Upper
43	100		
72	41.4	22.0	33.0#

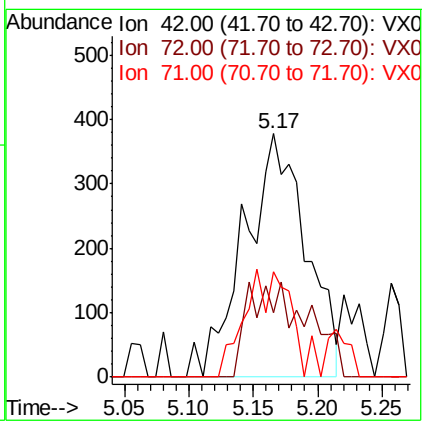


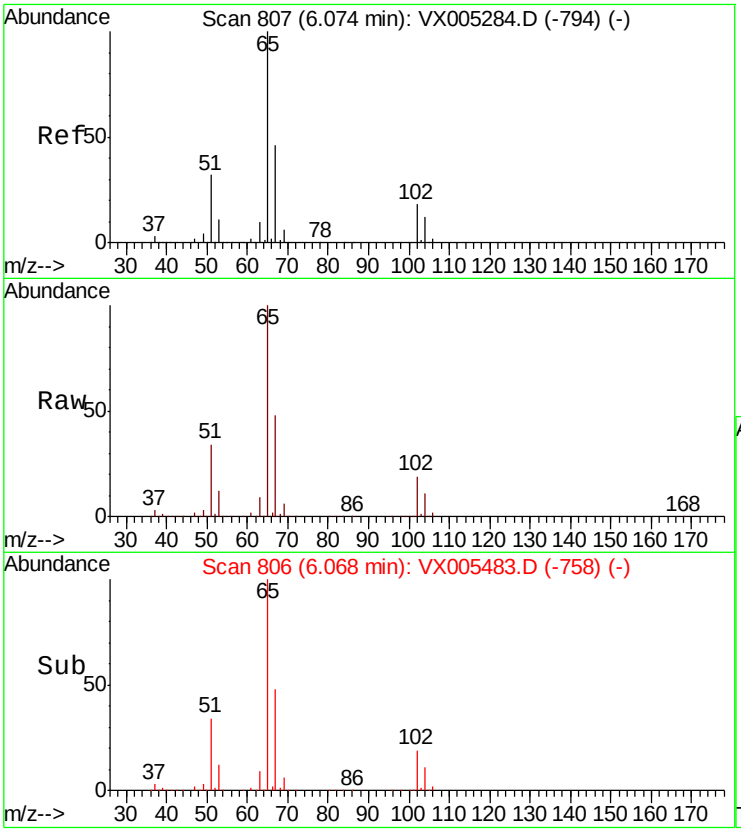


#29
Tetrahydrofuran
Concen: 0.855 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 42 Resp: 1266

Ion	Ratio	Lower	Upper
42	100		
72	9.1	37.4	56.0#
71	16.3	34.5	51.7#



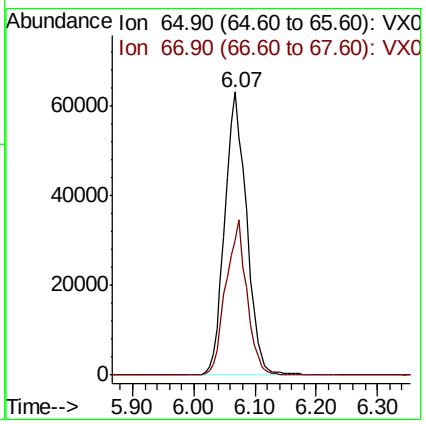


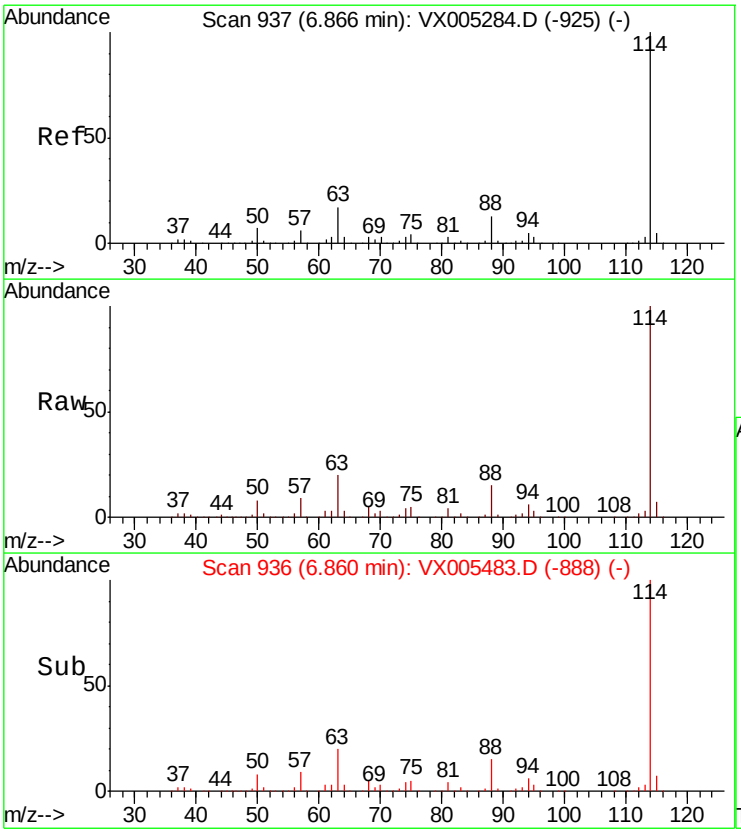
#33
1,2-Dichloroethane-d4
Concen: 56.560 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 65 Resp: 155224

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8

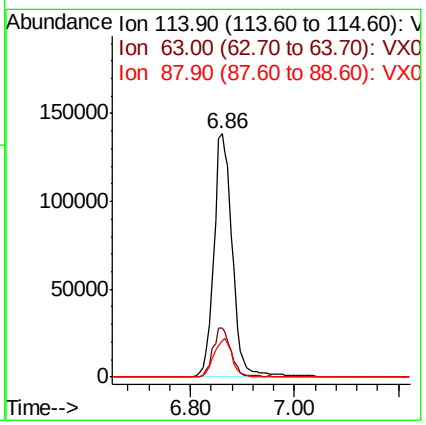


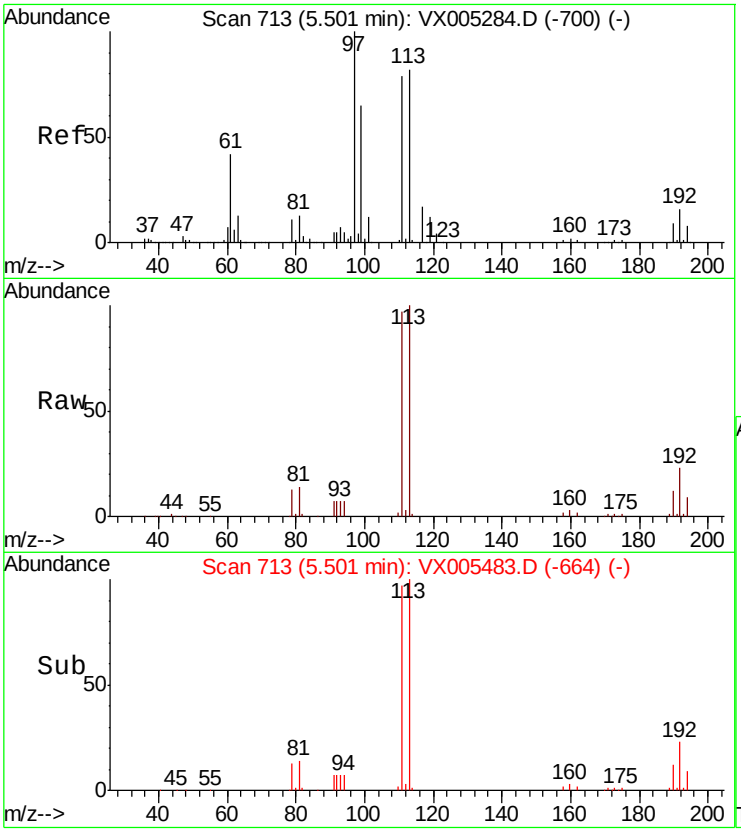


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion:114 Resp: 349518

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	14.7	0.0	30.4



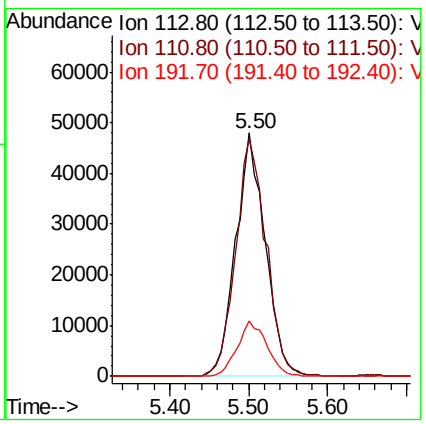


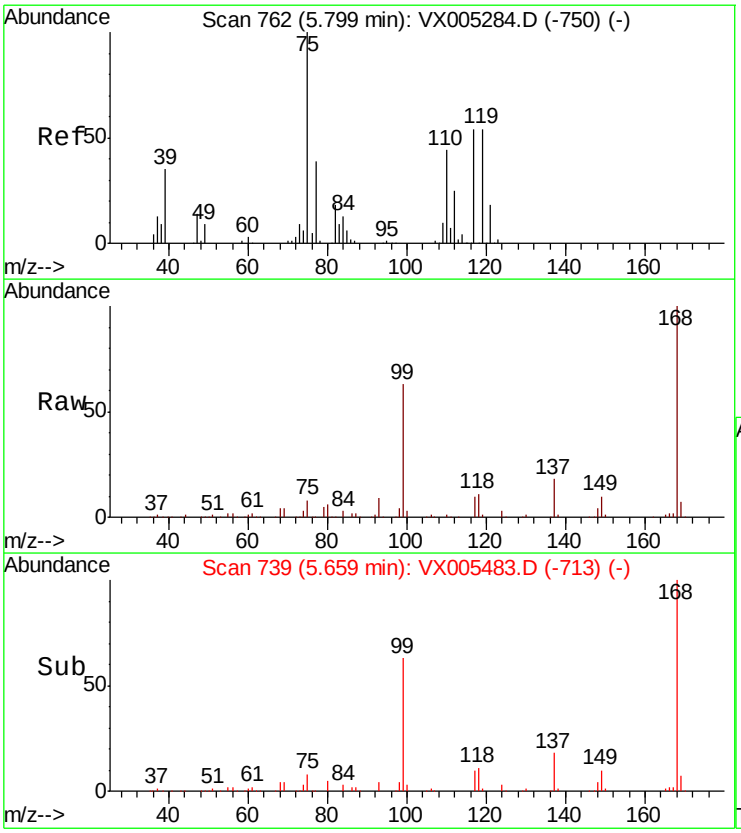
#35
Dibromofluoromethane
Concen: 54.019 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion:113 Resp: 125051

Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.4	123.6
192	23.0	19.4	29.2

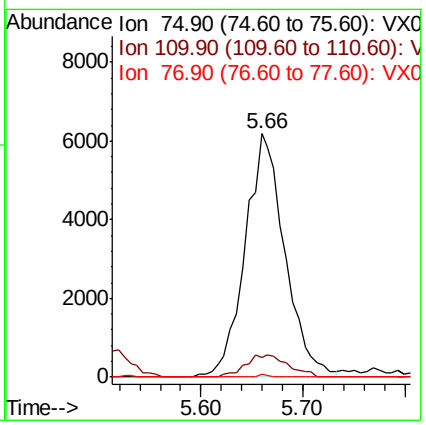


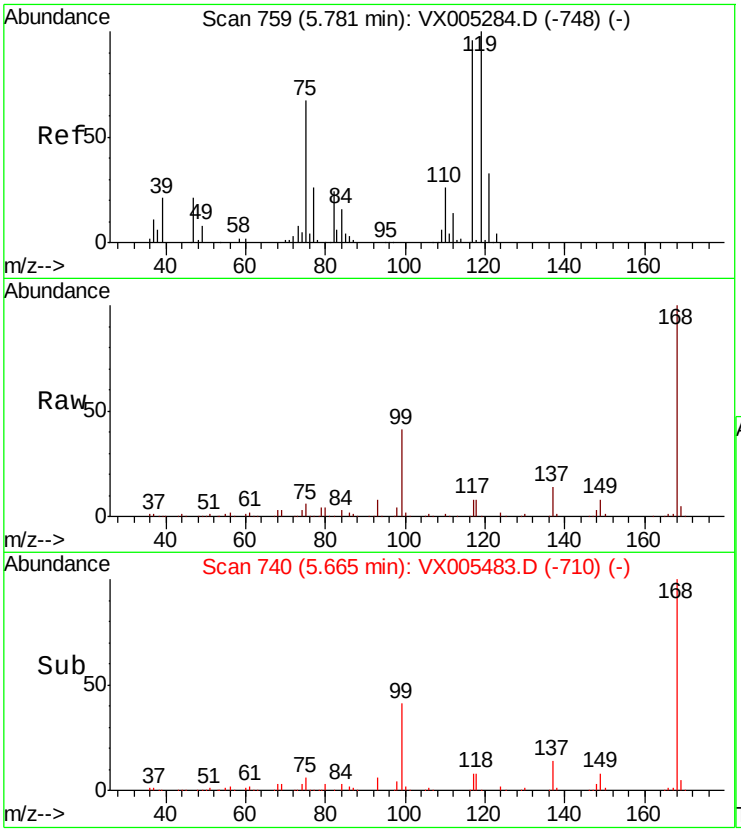


#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 75 Resp: 16758

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.0	54.0#
77	0.3	24.6	36.8#



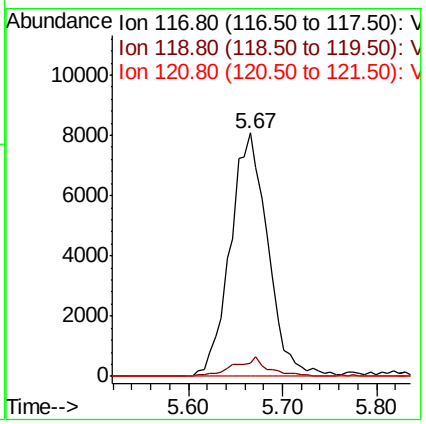


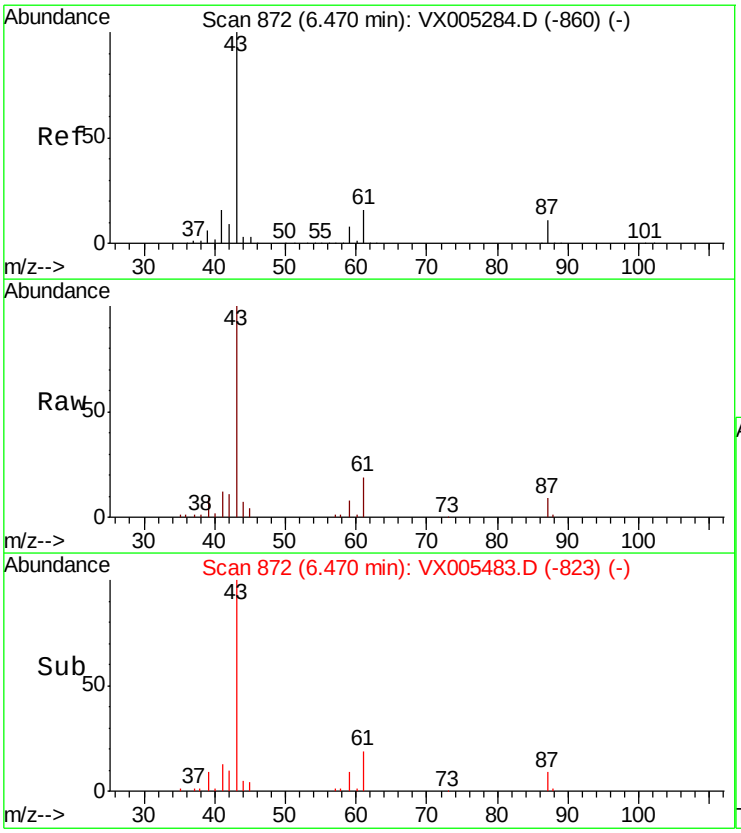
#38
Carbon Tetrachloride
Concen: 6.608 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion:117 Resp: 22476

Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.8	118.2#
121	0.0	24.9	37.3#

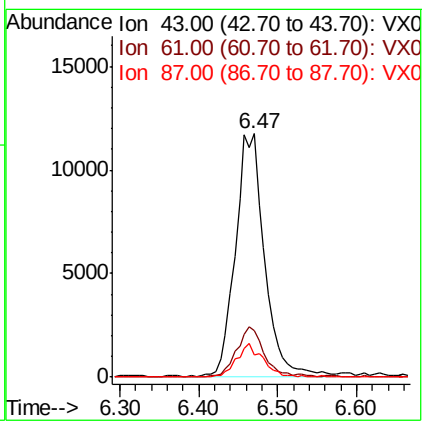


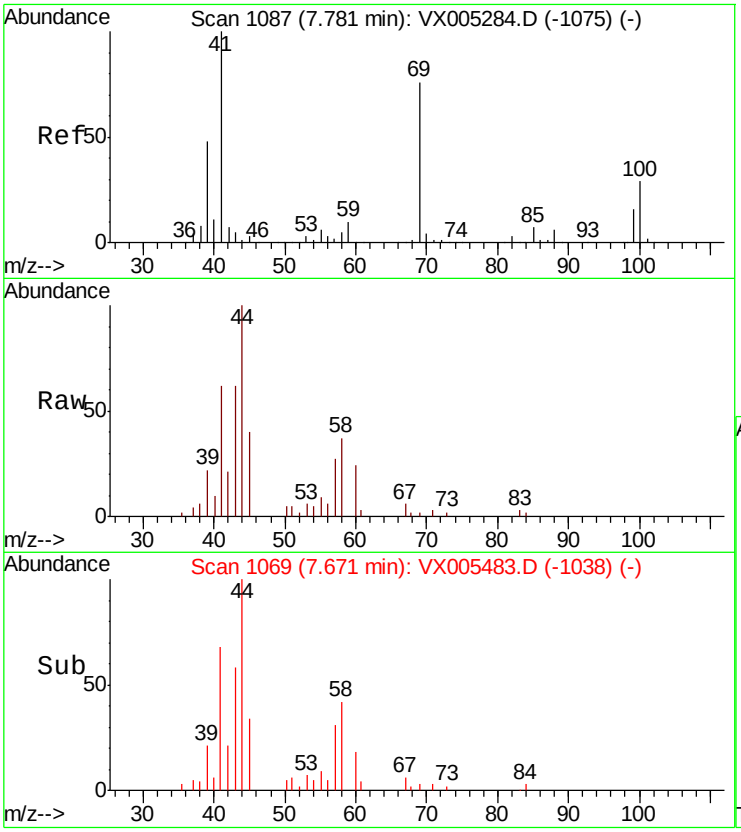


#43
Isopropyl Acetate
Concen: 5.259 ug/l
RT: 6.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 43 Resp: 30499

Ion	Ratio	Lower	Upper
43	100		
61	19.5	17.0	25.4
87	12.2	11.4	17.2



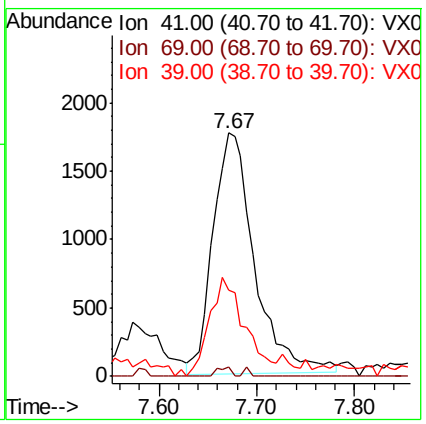


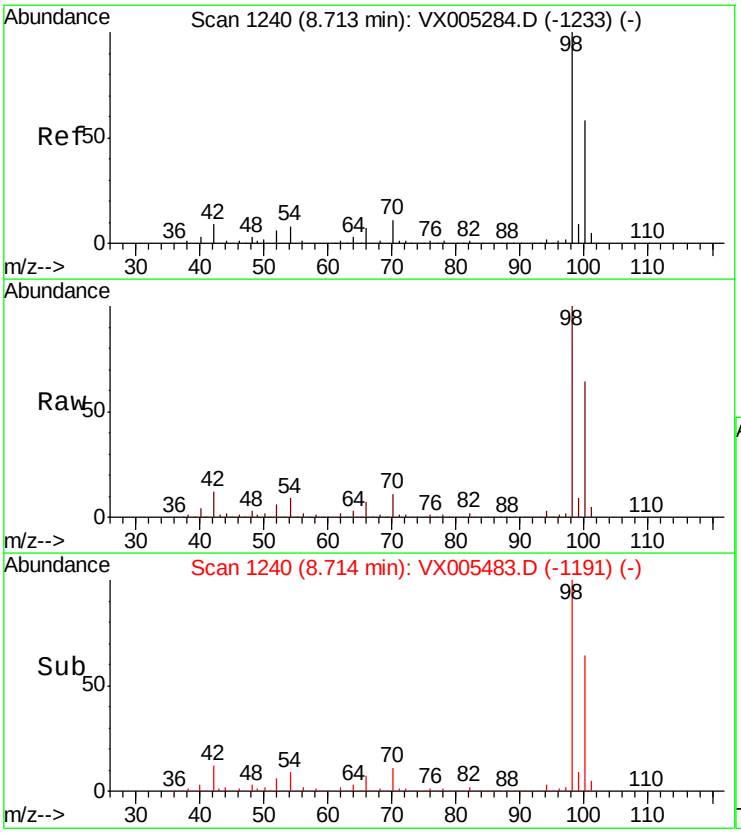
#48
Methyl methacrylate
Concen: 1.718 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.11 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 41 Resp: 5166

Ion	Ratio	Lower	Upper
41	100		
69	1.2	70.2	105.4#
39	35.3	42.7	64.1#

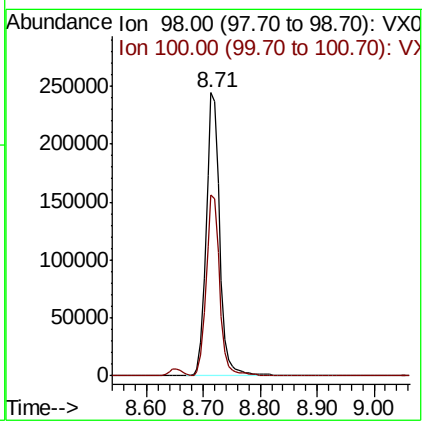


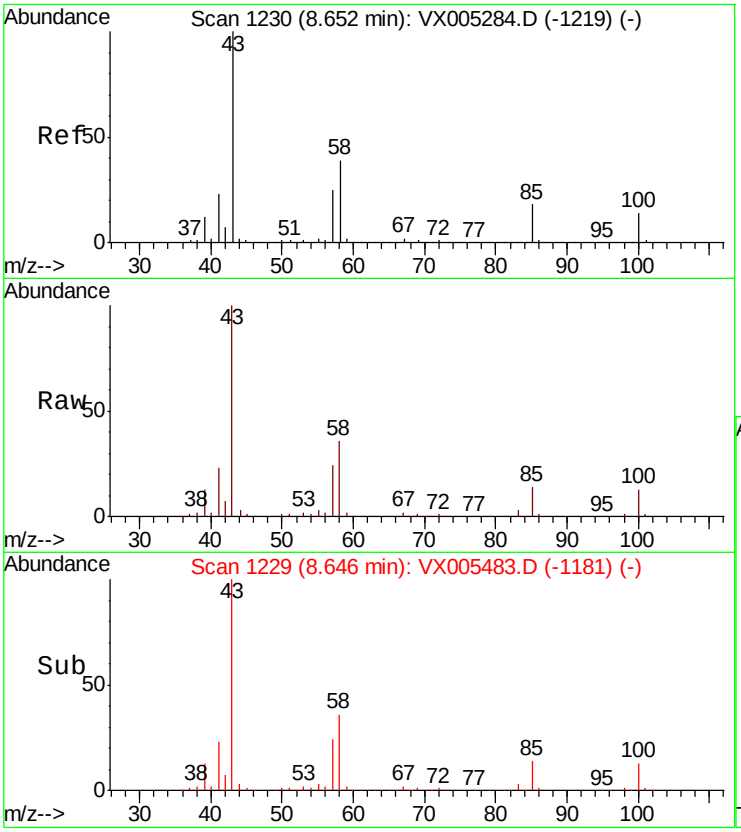


#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 98 Resp: 404927

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.9	79.3



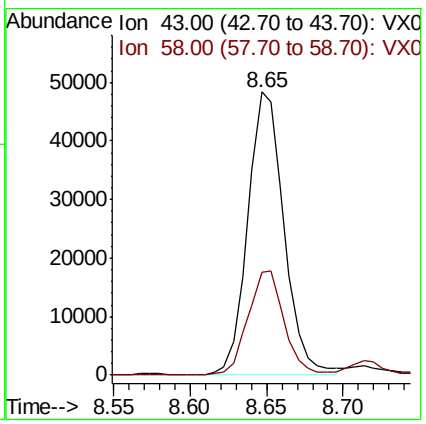


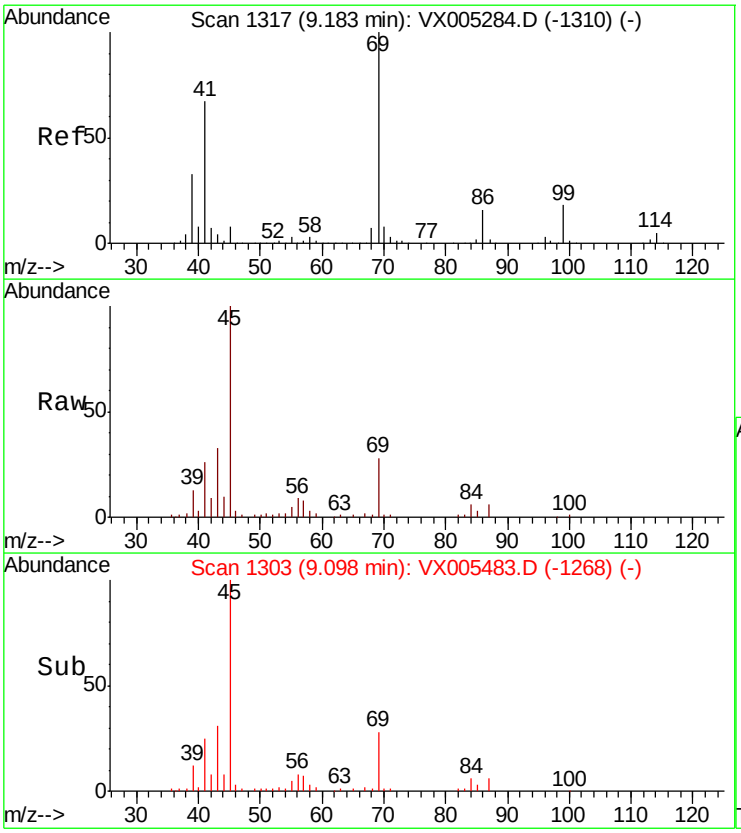
#51
4-Methyl-2-Pentanone
Concen: 19.749 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 43 Resp: 79299

Ion	Ratio	Lower	Upper
43	100		
58	37.3	33.1	49.7

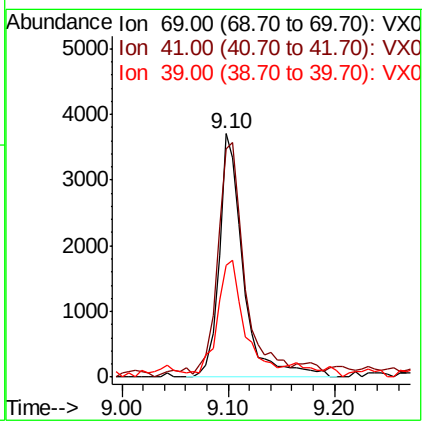


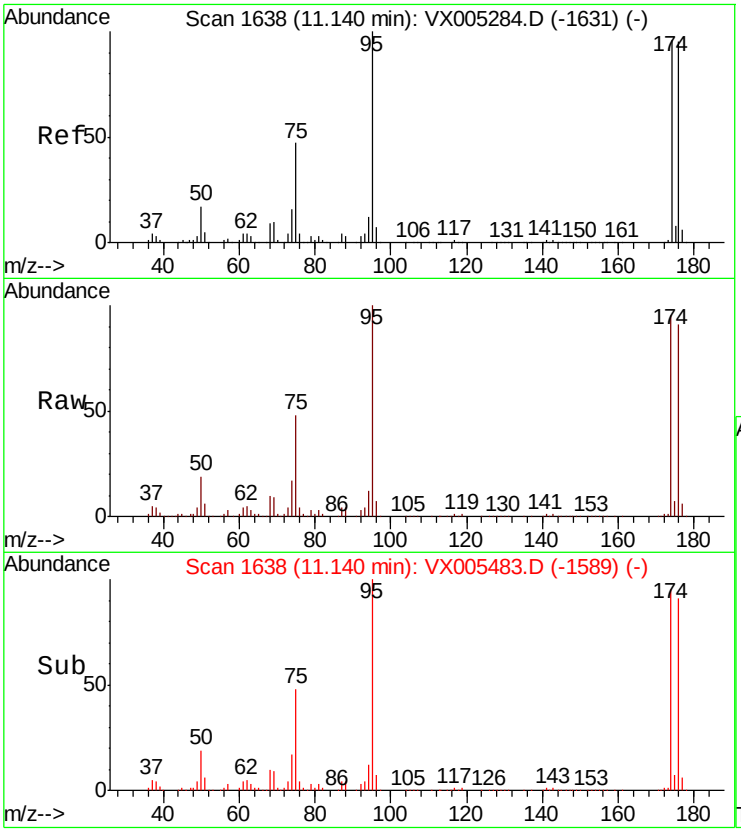


#56
Ethyl methacrylate
Concen: 1.695 ug/l
RT: 9.10 min Scan# 1303
Delta R.T. -0.09 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 69 Resp: 5814

Ion	Ratio	Lower	Upper
69	100		
41	111.3	51.0	76.4#
39	50.0	26.1	39.1#



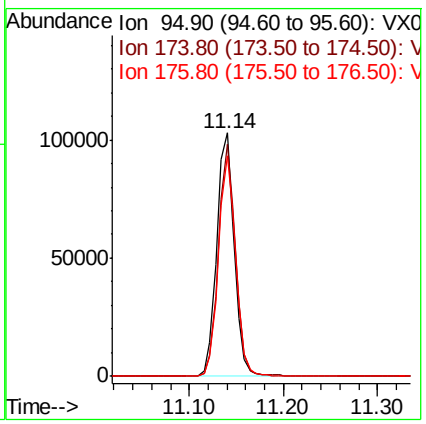


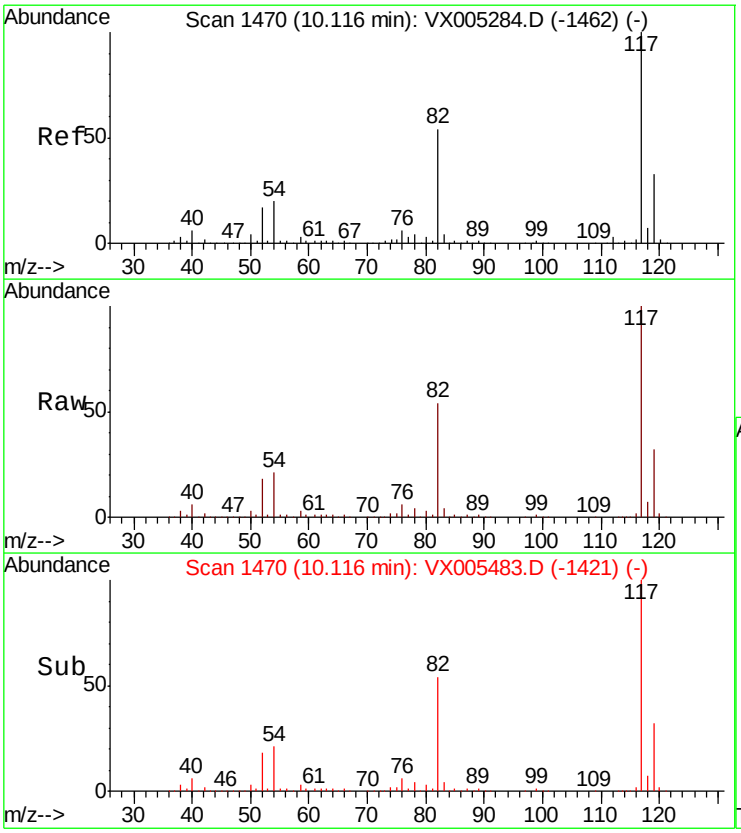
#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 95 Resp: 132762

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	185.2
176	89.4	0.0	178.6

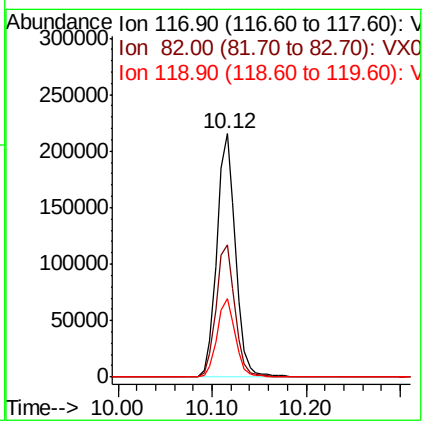


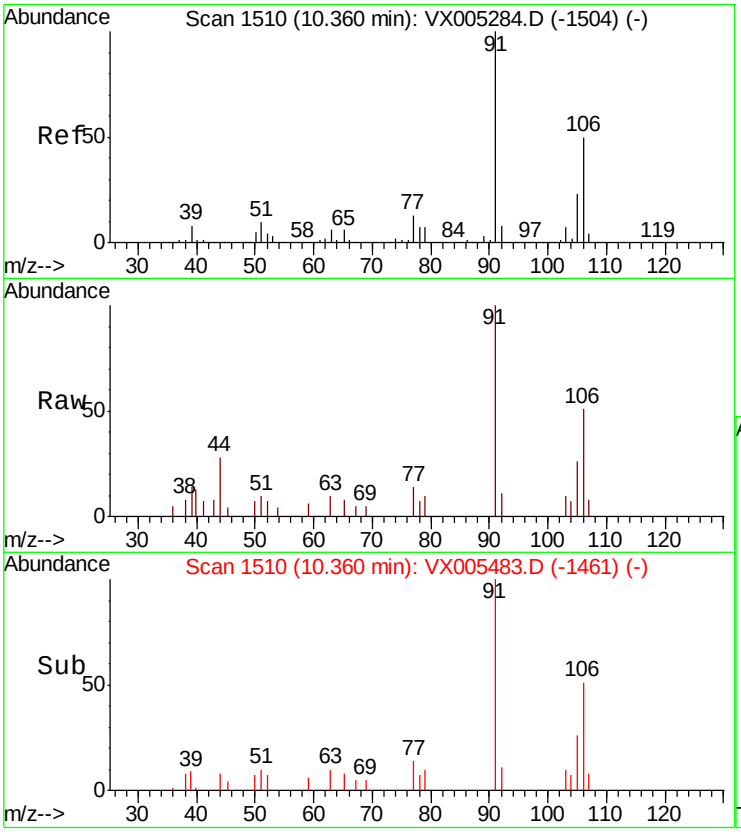


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion:117 Resp: 294964

Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.8	71.6
119	32.4	29.3	43.9



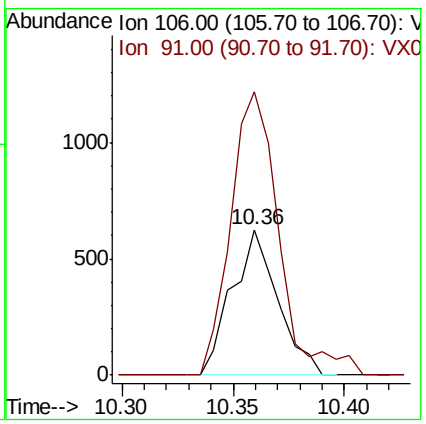


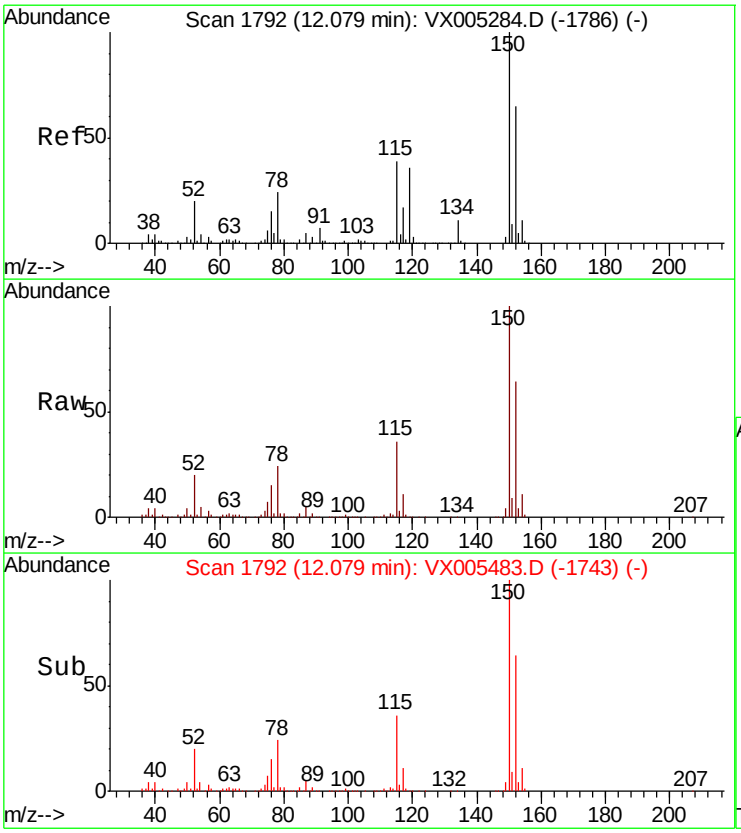
#68
m/p-Xylenes
Concen: 0.226 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion:106 Resp: 893

Ion	Ratio	Lower	Upper
106	100		
91	205.6	157.1	235.7

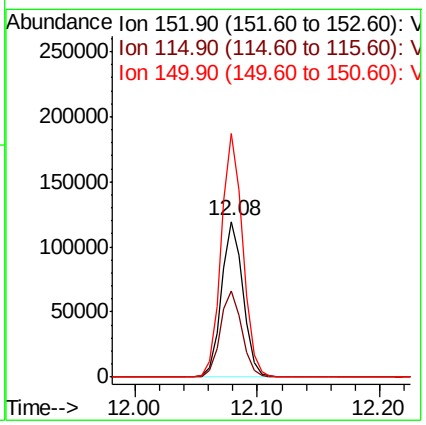


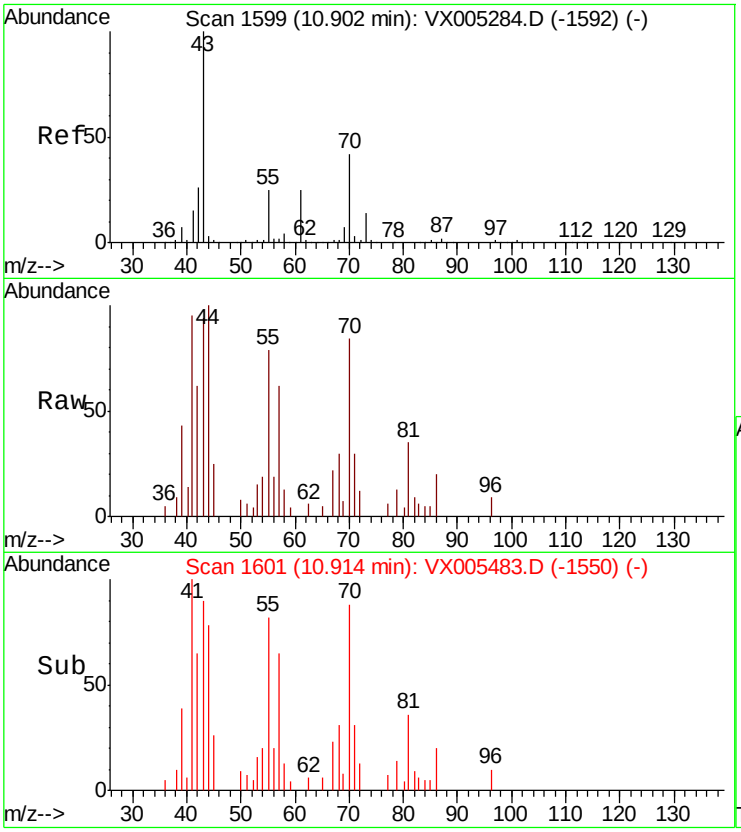


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion:152 Resp: 144740

Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.0	117.0
150	156.8	0.0	351.0



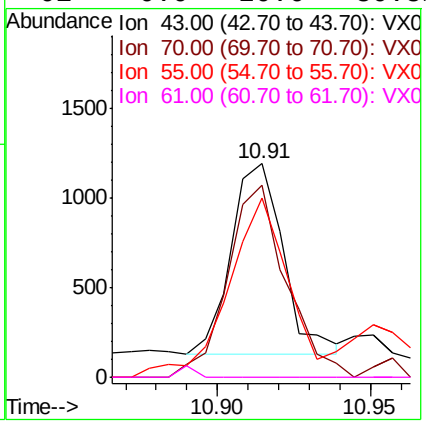


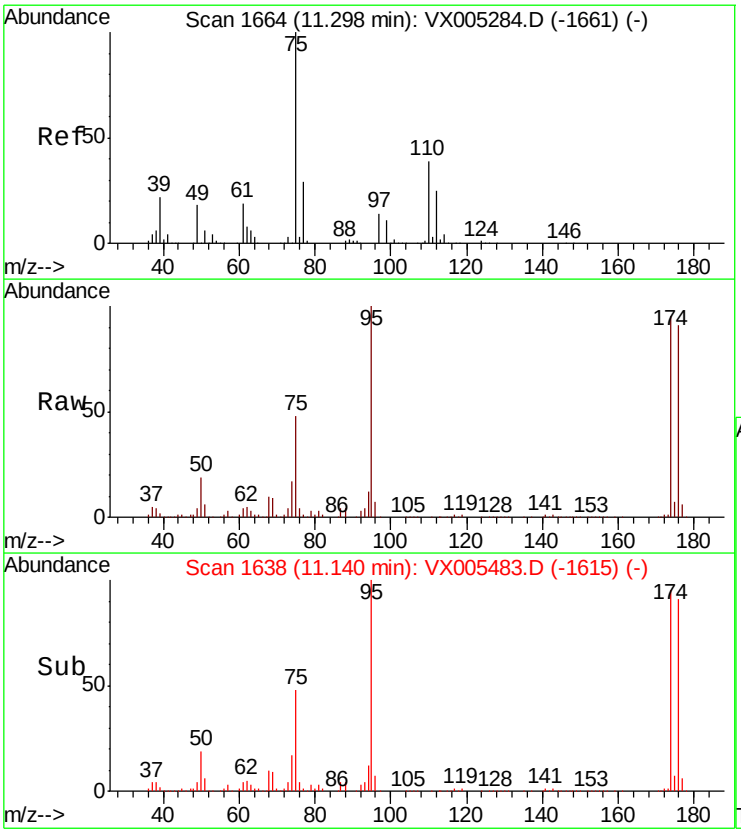
#74
N-amyl acetate
Concen: 0.304 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument : MSVOA_X
ClientSampleId : CNS01

Tgt Ion: 43 Resp: 1260

Ion	Ratio	Lower	Upper
43	100		
70	112.9	37.4	56.0#
55	111.1	21.8	32.8#
61	0.0	20.6	30.8#

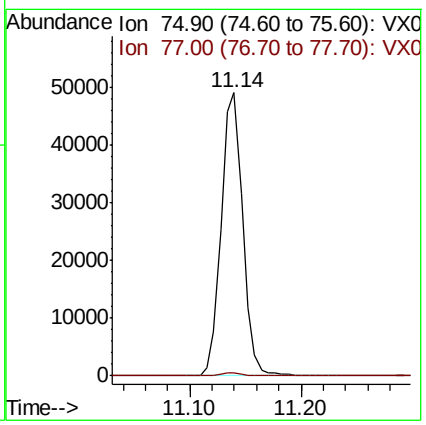


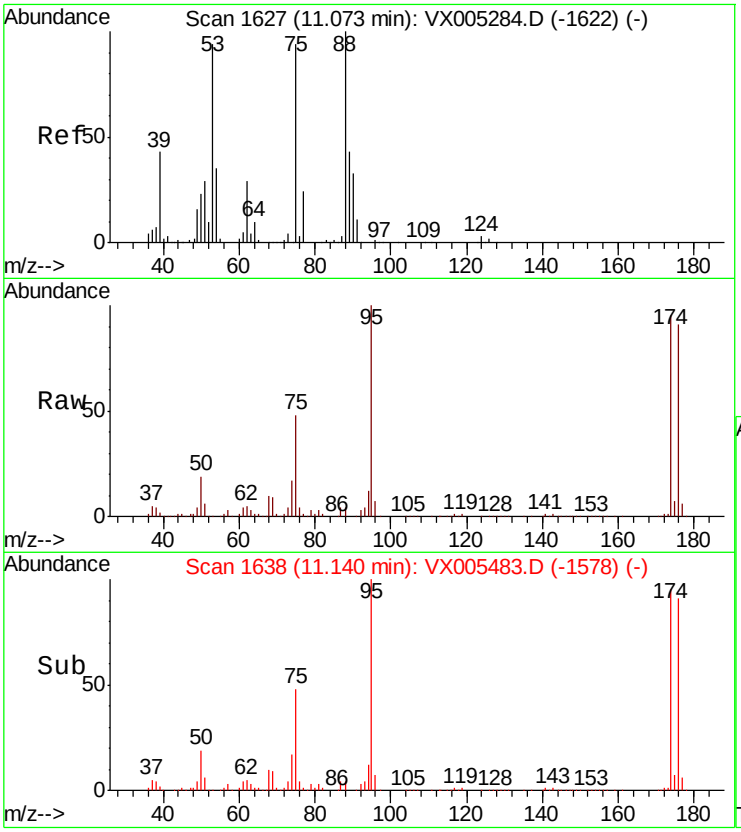


#76
1,2,3-Trichloropropane
Concen: 23.466 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion: 75 Resp: 65881

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#



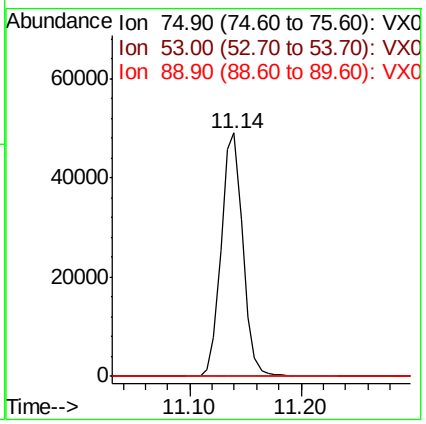


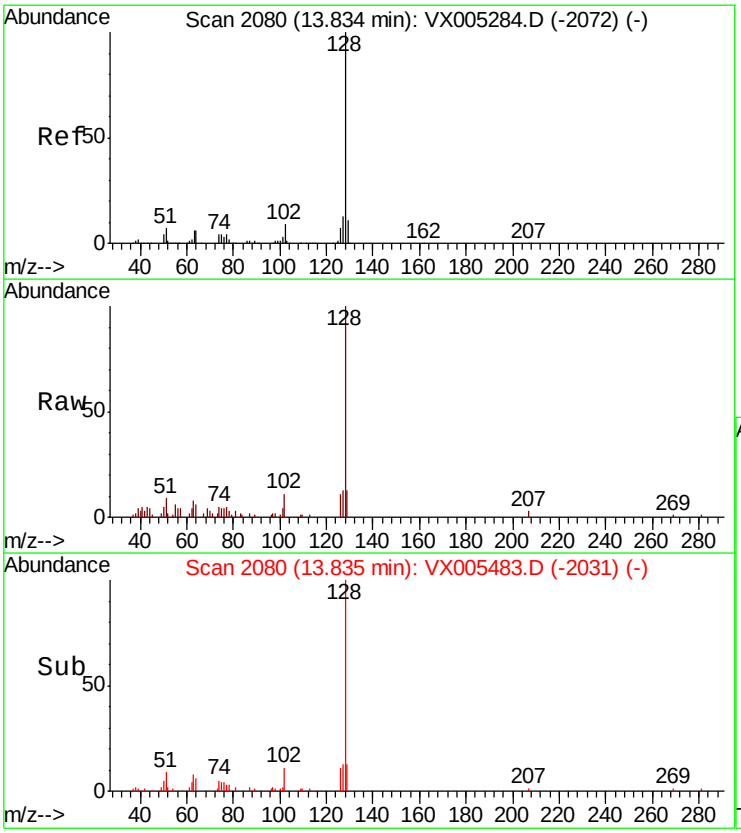
#81
trans-1,4-Dichloro-2-butene
Concen: 71.300 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
CNS01

Tgt Ion: 75 Resp: 65881

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.1	120.1#
89	0.0	37.2	55.8#





#95
Naphthalene
Concen: 0.687 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005483.D
Acq: 22 Oct 2018 21:00

Tgt Ion:128 Resp: 6856

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	13.0	8.6	12.8#