Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
Data File : VX002166.D
Acq On : 31 May 2018 05:16
Operator : JC/MD
Sample : J3185-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-16

Quant Time: May 31 06:39:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	258232	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	364279	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	320264	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171945	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	163099	35.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.66%				
35) Dibromofluoromethane	5.51	113	120098	32.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.94%				
50) Toluene-d8	8.72	98	494742	37.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.02%				
62) 4-Bromofluorobenzene	11.14	95	168693	32.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	93	Below Cal		#	41
5) Bromomethane	1.65	94	1416	Below Cal			85
10) Methyl Iodide	2.52	142	1470	0.34	ug/l		96
11) Tert butyl alcohol	3.07	59	445	0.49	ug/l	#	10
15) Acrylonitrile	3.16	53	482	0.26	ug/l	#	73
16) Acetone	2.45	43	1988	1.12	ug/l	#	35
18) Methyl Acetate	2.78	43	466	Below Cal		#	59
20) Methylene Chloride	2.86	84	1076	Below Cal		#	87
21) trans-1,2-Dichloroethene	3.17	96	289	Below Cal		#	64
28) Bromochloromethane	5.03	49	117	Below Cal		#	14
31) Cyclohexane	5.67	56	5339	0.84	ug/l	#	3
36) 1,1-Dichloropropene	5.67	75	18420	3.64	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	23699	4.01	ug/l	#	14
41) Methacrylonitrile	5.08	41	72	Below Cal		#	1
74) N-amyl acetate	6.48	43	347	Below Cal		#	60
75) 1,1,2,2-Tetrachloroethane	11.29	83	319	Below Cal		#	32
76) 1,2,3-Trichloropropane	11.14	75	90438	21.90	ug/l	#	33
79) 2-Chlorotoluene	11.52	91	423	Below Cal			80
81) trans-1,4-Dichloro-2-buten	11.14	75	90438	52.63	ug/l	#	10
83) tert-Butylbenzene	11.77	119	2547	0.21	ug/l		83
86) p-Isopropyltoluene	12.24	119	6469	0.49	ug/l		88
90) Hexachloroethane	12.71	117	5622	2.17	ug/l	#	2

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

Quantitation Report (Not Reviewed)

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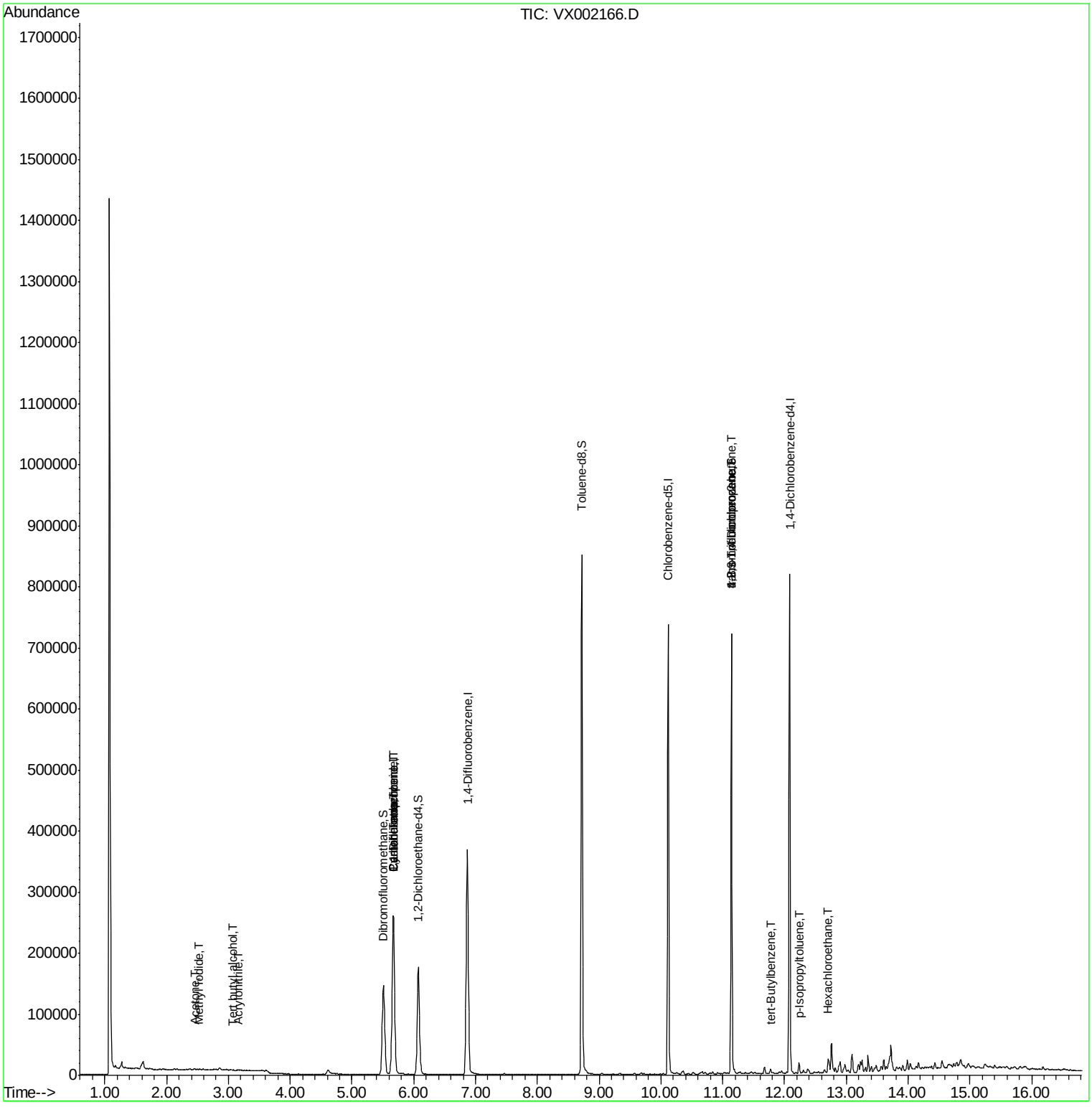
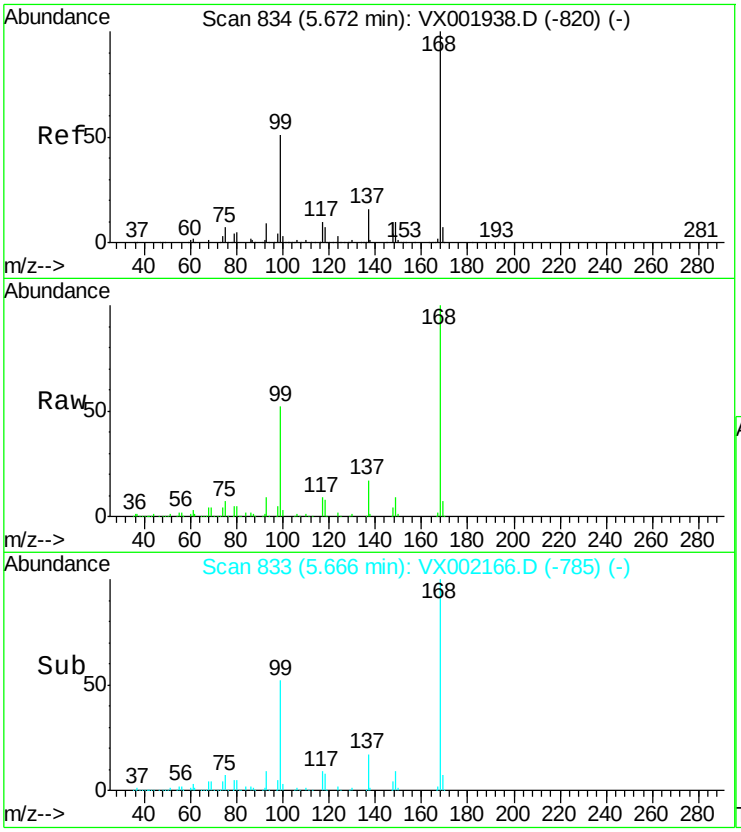
Data File : VX002166.D
Acq On : 31 May 2018 05:16
Operator : JC/MD
Sample : J3185-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Quant Time: May 31 06:39:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



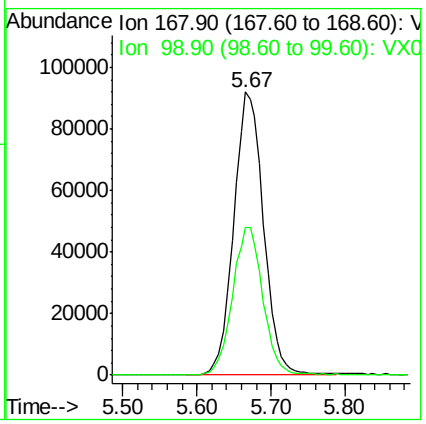


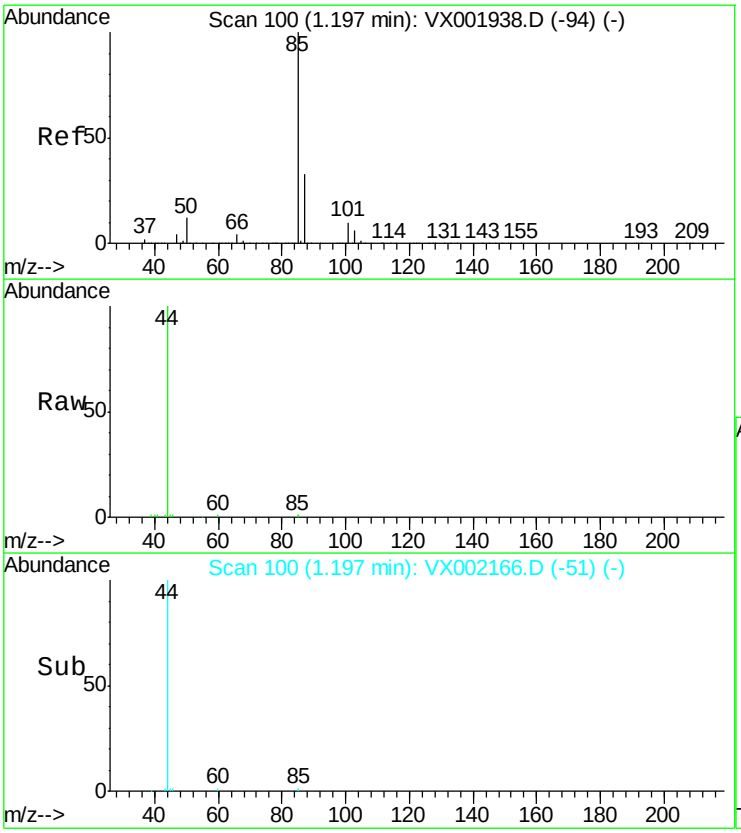
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion:168 Resp: 258232

Ion	Ratio	Lower	Upper
168	100		
99	52.2	41.0	61.4

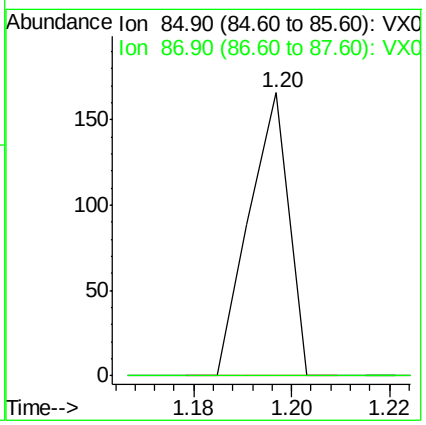


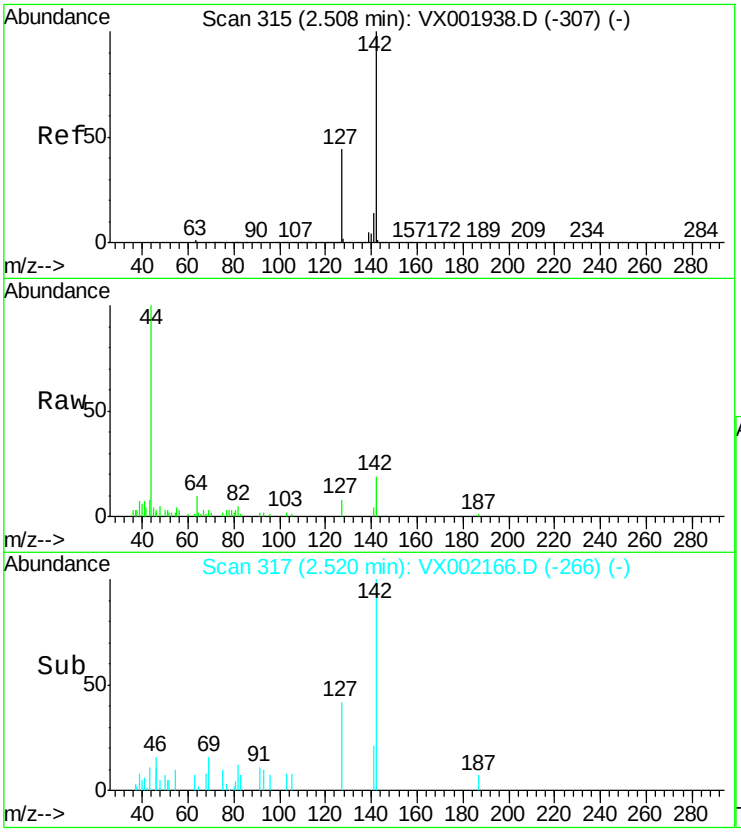


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 85 Resp: 93

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



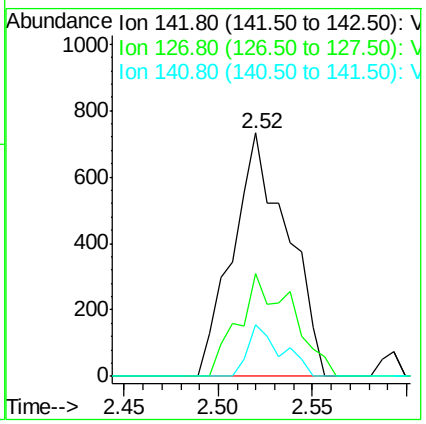


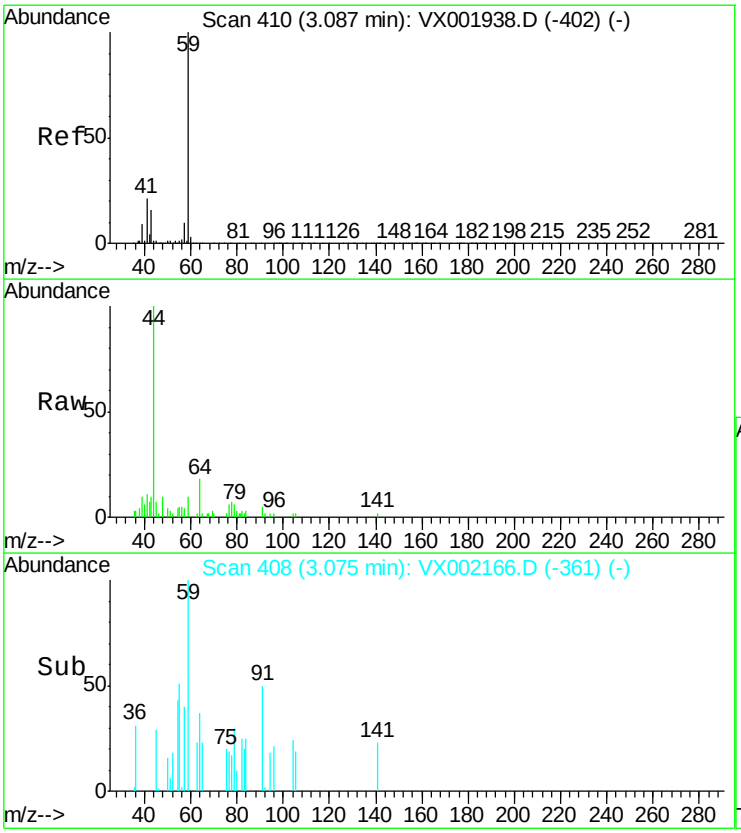
#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument : MSVOA_X
ClientSampleId : MW-16

Tgt Ion:142 Resp: 1470

Ion	Ratio	Lower	Upper
142	100		
127	41.7	35.5	53.3
141	13.1	11.3	16.9

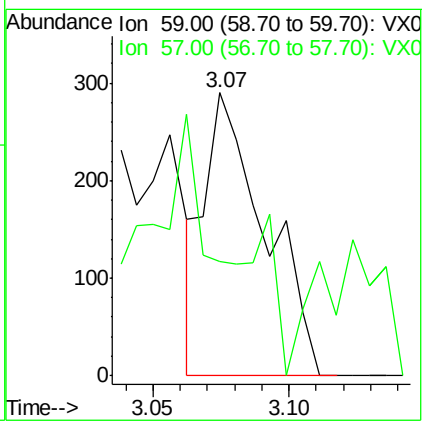


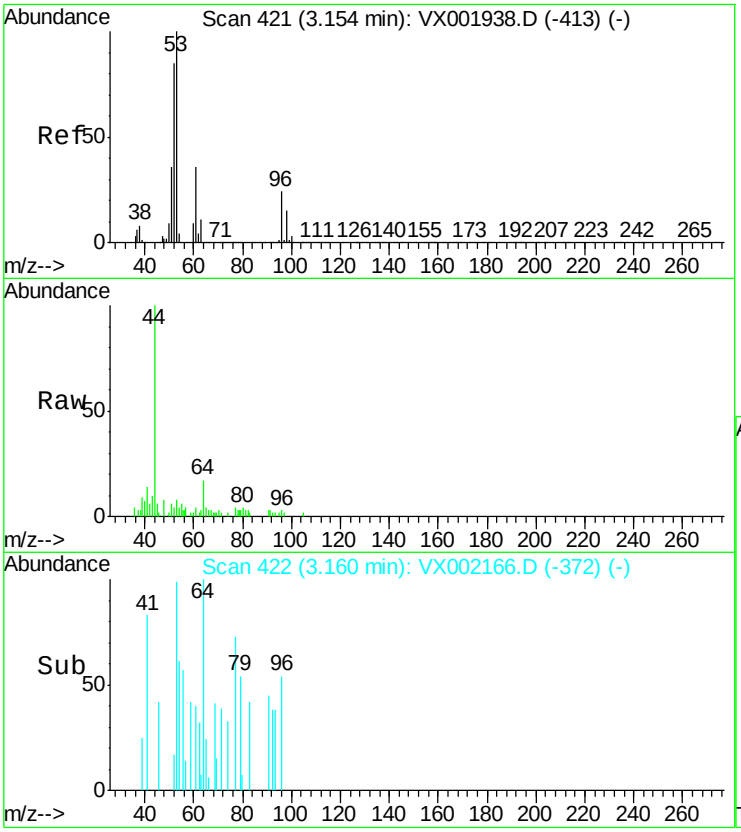


#11
Tert butyl alcohol
Concen: 0.49 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 59 Resp: 445

Ion	Ratio	Lower	Upper
59	100		
57	45.2	8.9	13.3#



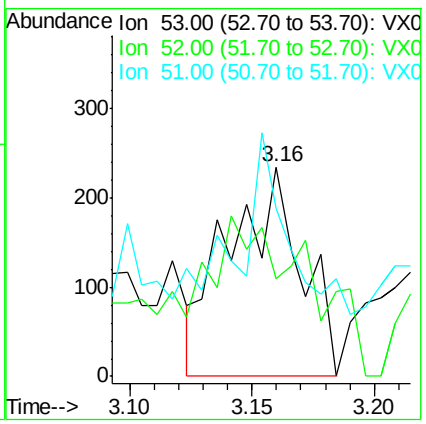


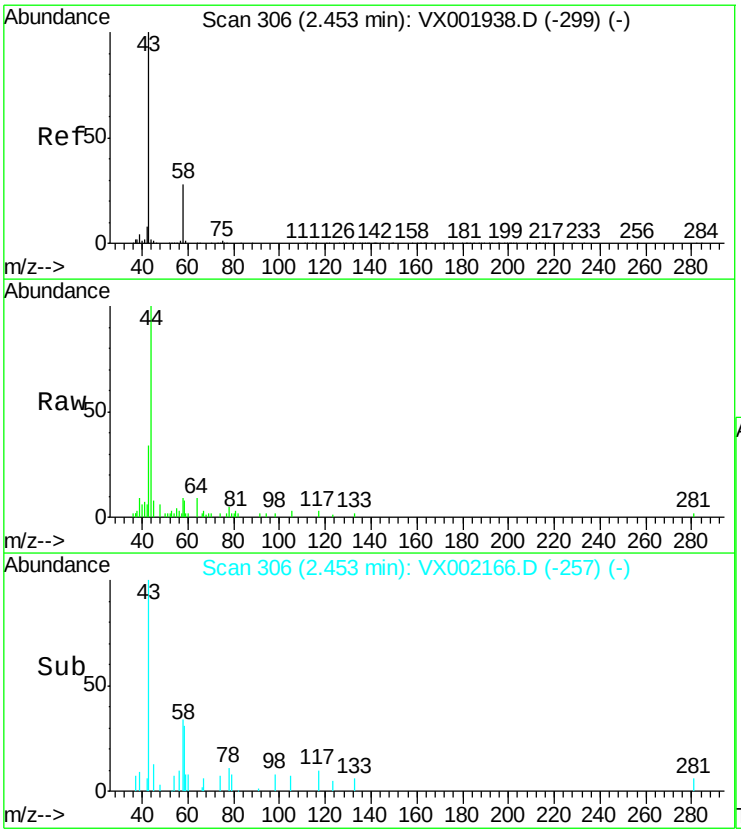
#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion: 53 Resp: 482

Ion	Ratio	Lower	Upper
53	100		
52	103.1	66.4	99.6#
51	58.3	29.3	43.9#

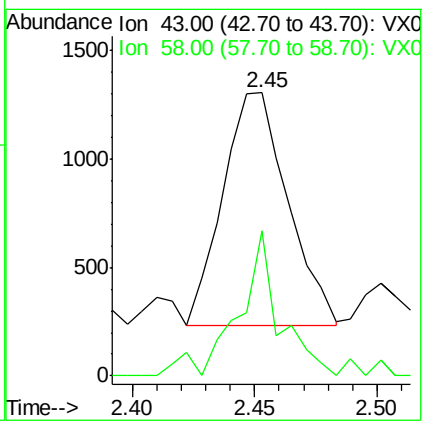


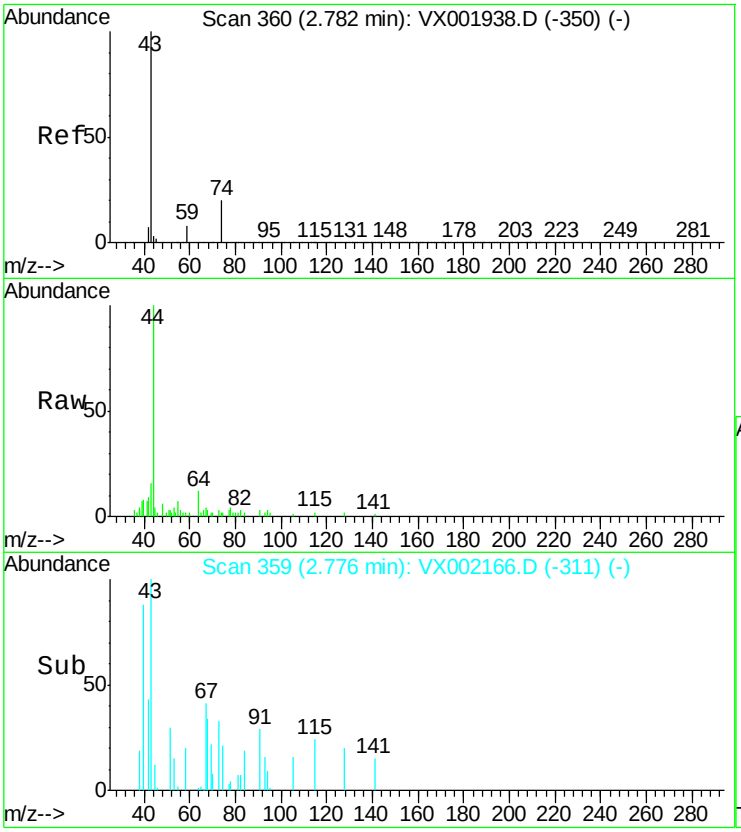


#16
Acetone
Concen: 1.12 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 43 Resp: 1988

Ion	Ratio	Lower	Upper
43	100		
58	62.0	22.3	33.5#



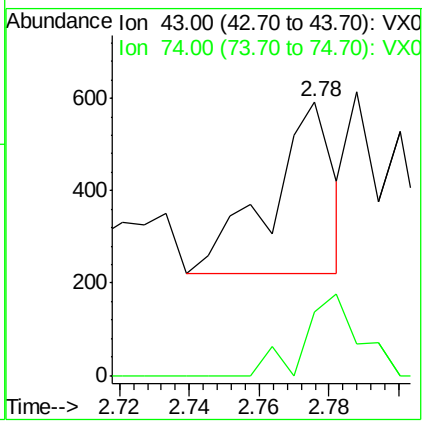


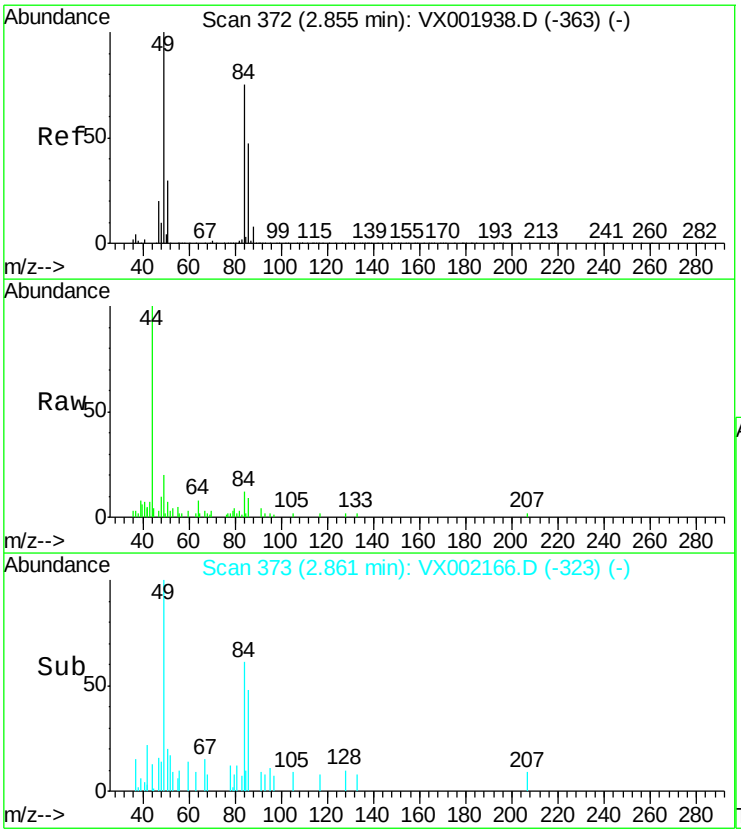
#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument : MSVOA_X
ClientSampleId : MW-16

Tgt Ion: 43 Resp: 466

Ion	Ratio	Lower	Upper
43	100		
74	40.3	16.8	25.2#

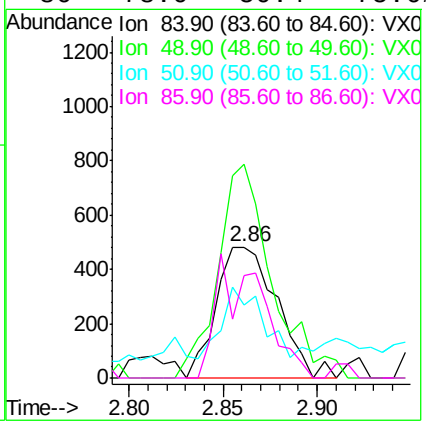


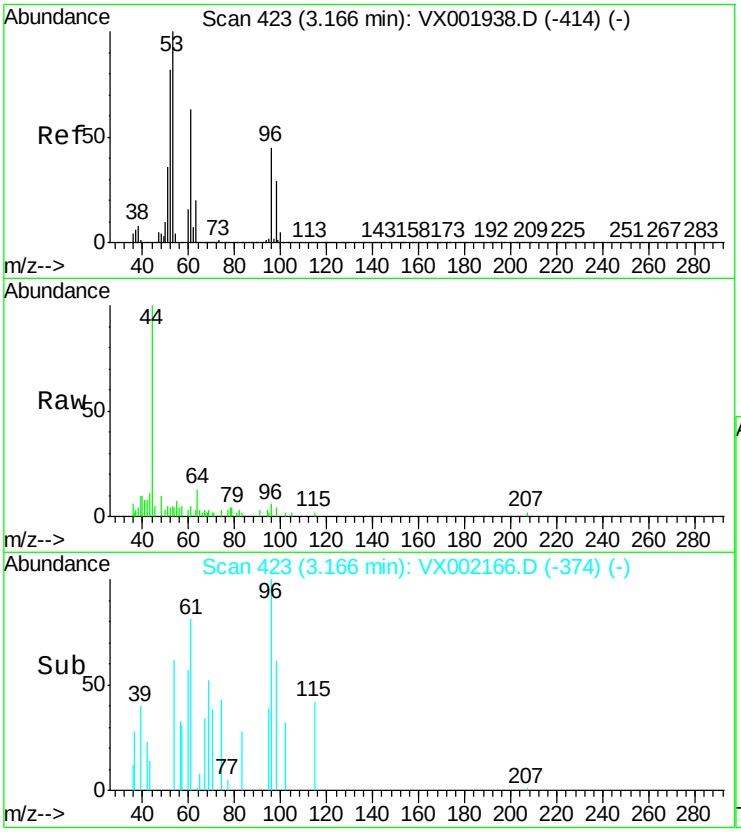


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 84 Resp: 1076

Ion	Ratio	Lower	Upper
84	100		
49	150.3	107.2	160.8
51	39.5	32.4	48.6
86	78.0	50.4	75.6#



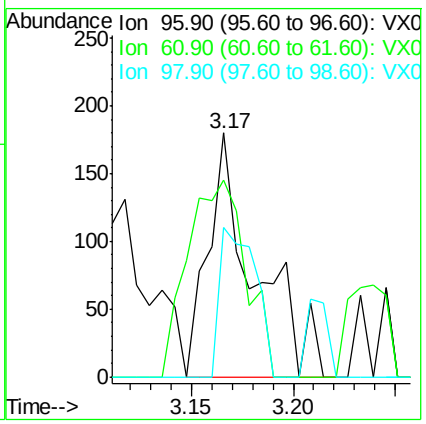


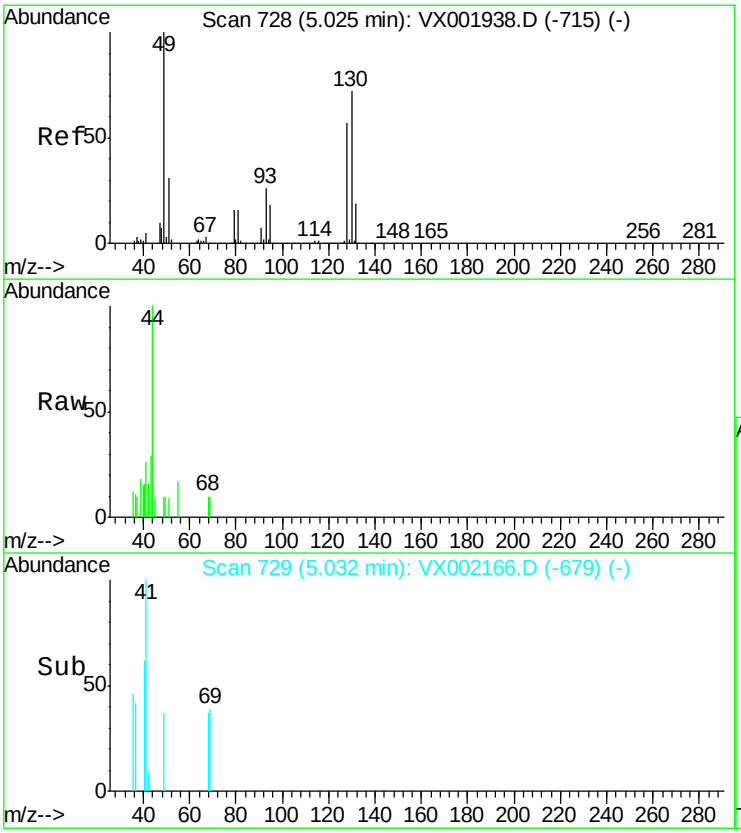
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion: 96 Resp: 289

Ion	Ratio	Lower	Upper
96	100		
61	80.6	113.3	169.9#
98	61.1	51.7	77.5

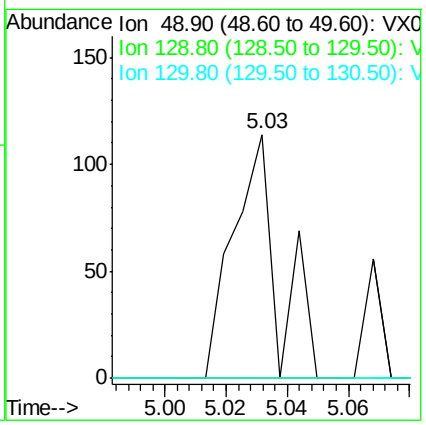


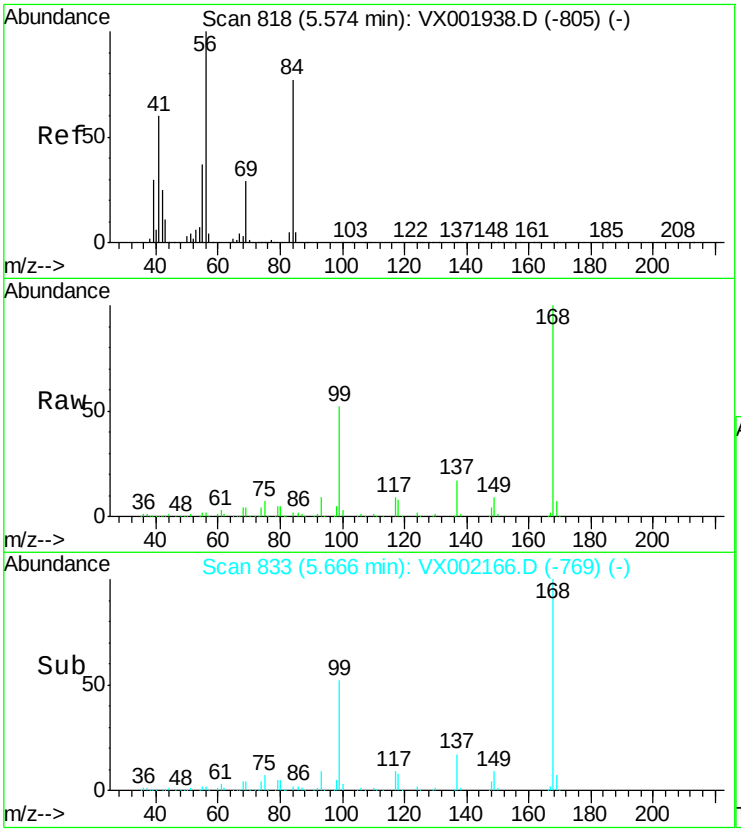


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 49 Resp: 117

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#



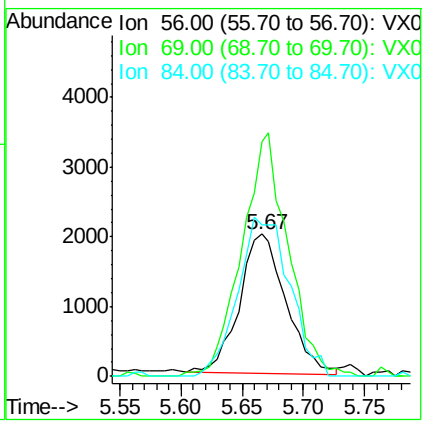


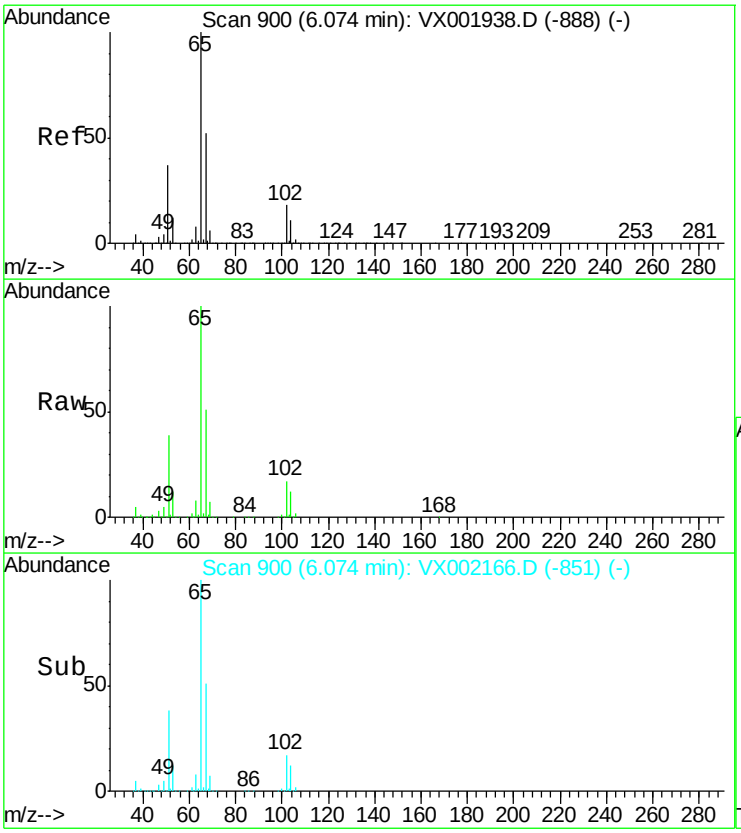
#31
Cyclohexane
Concen: 0.84 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion: 56 Resp: 5339

Ion	Ratio	Lower	Upper
56	100		
69	166.5	23.1	34.7#
84	109.9	62.0	93.0#

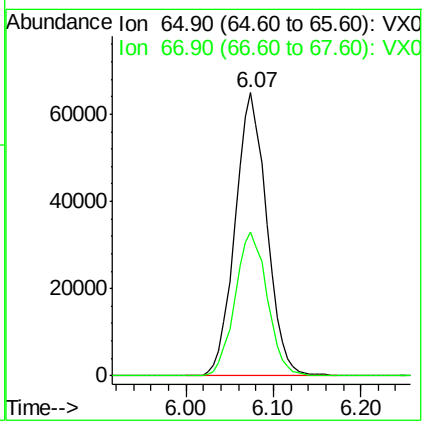


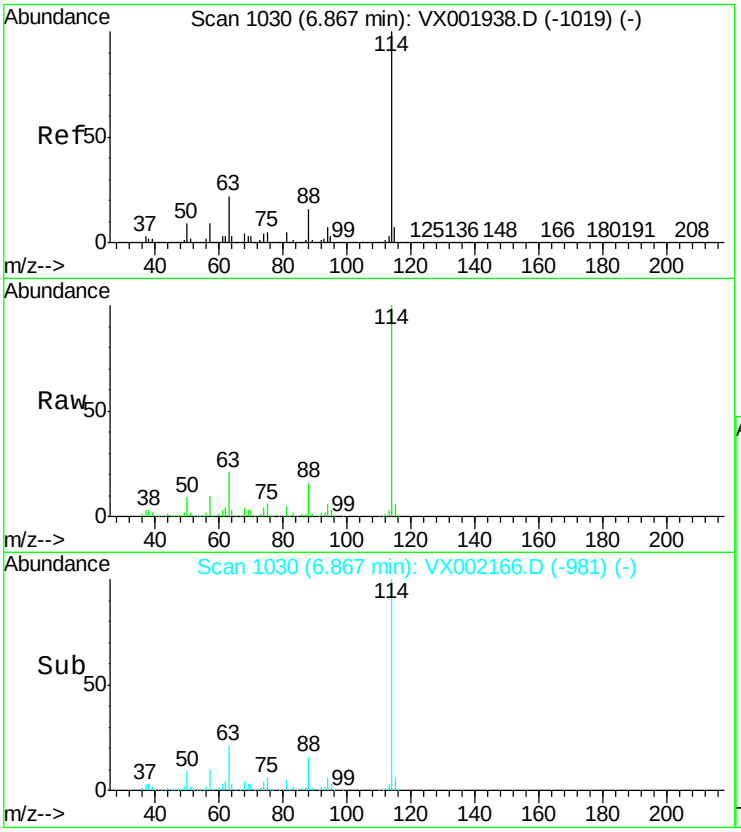


#33
1,2-Dichloroethane-d4
Concen: 35.33 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 65 Resp: 163099

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0



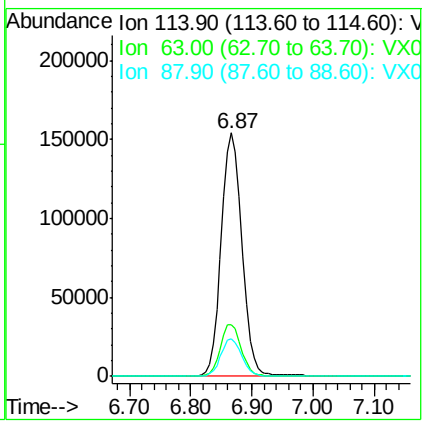


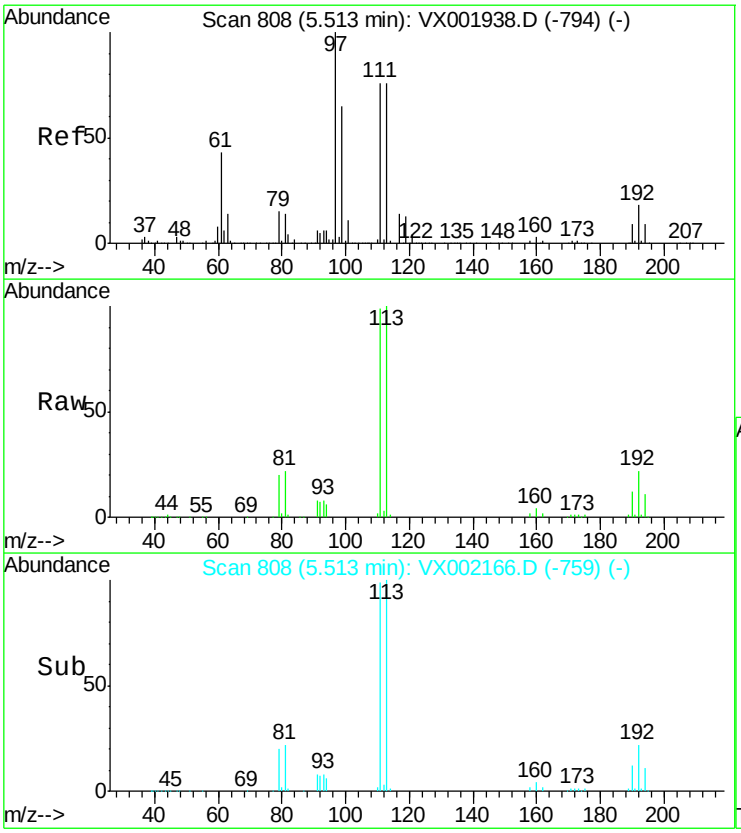
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion:114 Resp: 364279

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.6	0.0	31.6

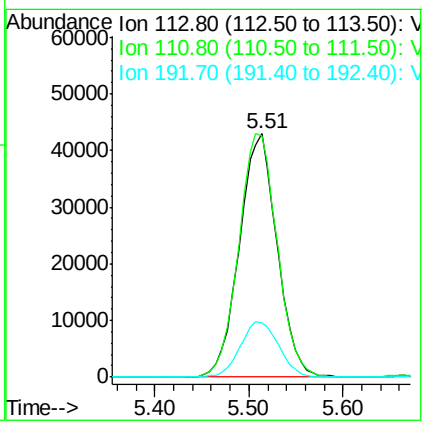


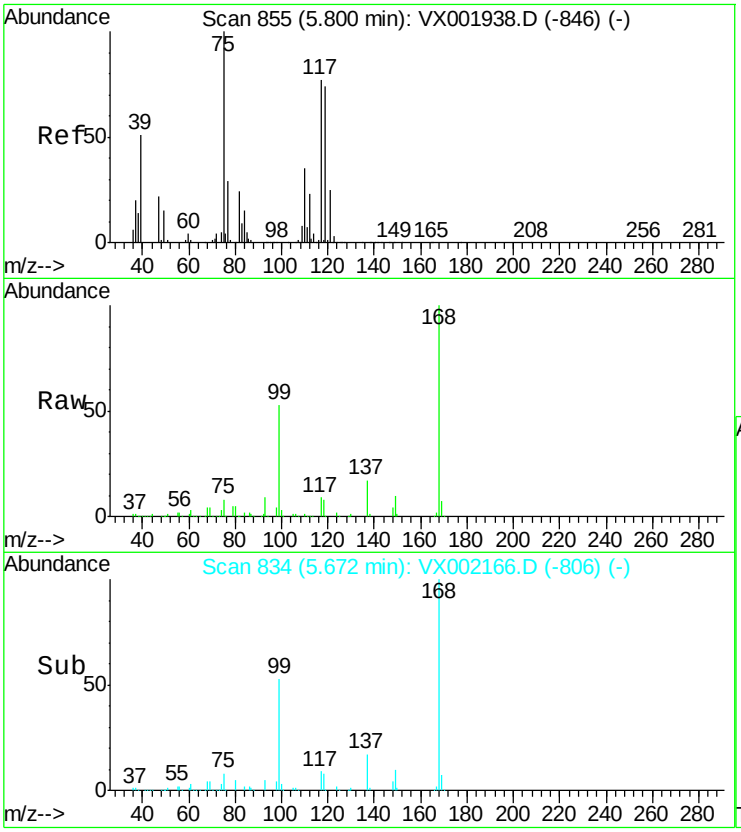


#35
Dibromofluoromethane
Concen: 32.97 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion:113 Resp: 120098

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.4	18.9	28.3



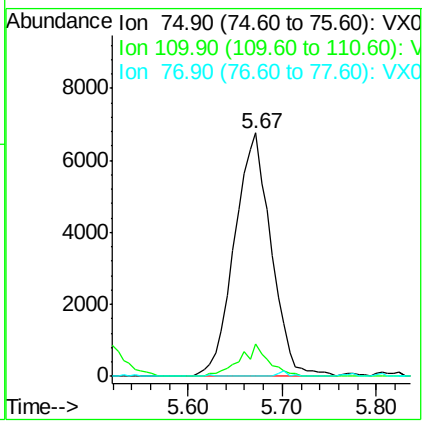


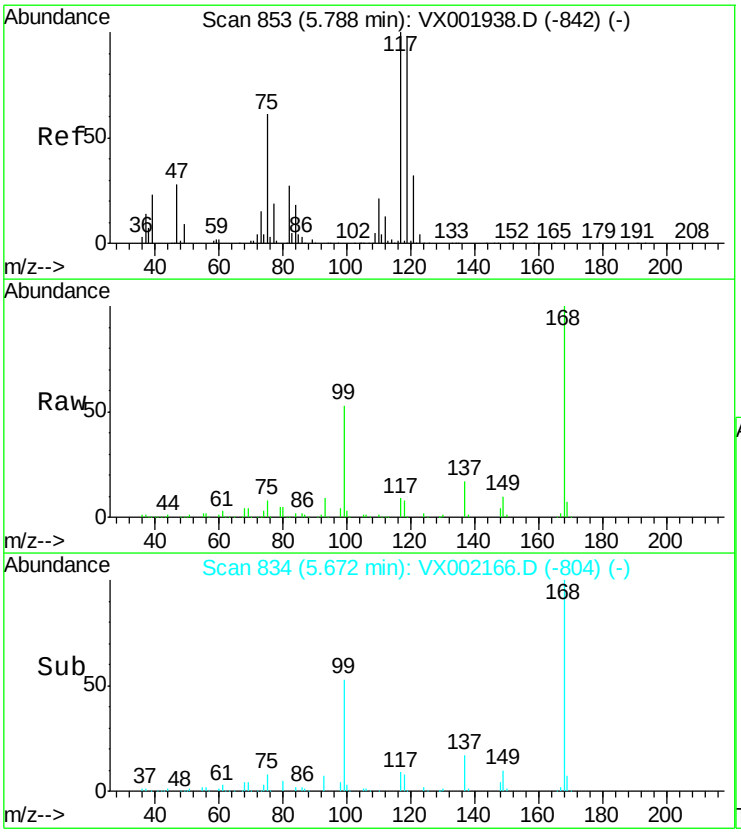
#36
1,1-Dichloropropene
Concen: 3.64 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion: 75 Resp: 18420

Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.4	52.2#
77	0.0	24.4	36.6#

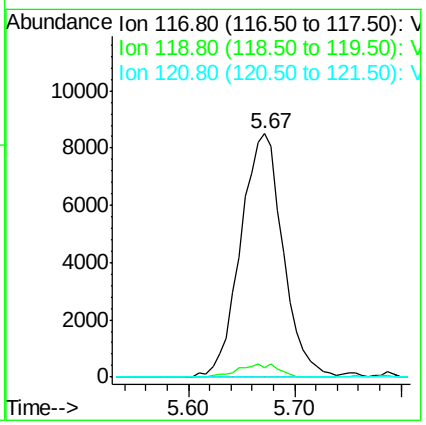


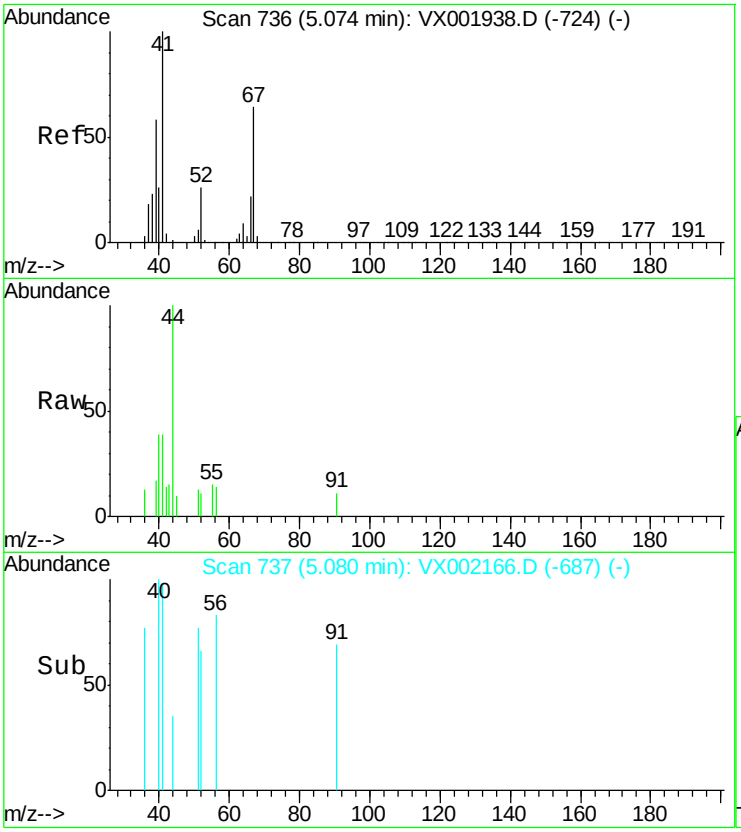


#38
Carbon Tetrachloride
Concen: 4.01 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion:117 Resp: 23699

Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.5	117.7#
121	0.0	25.5	38.3#



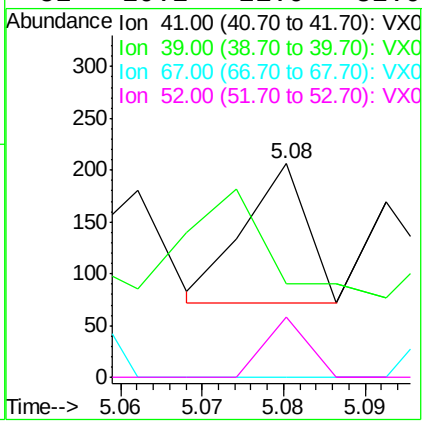


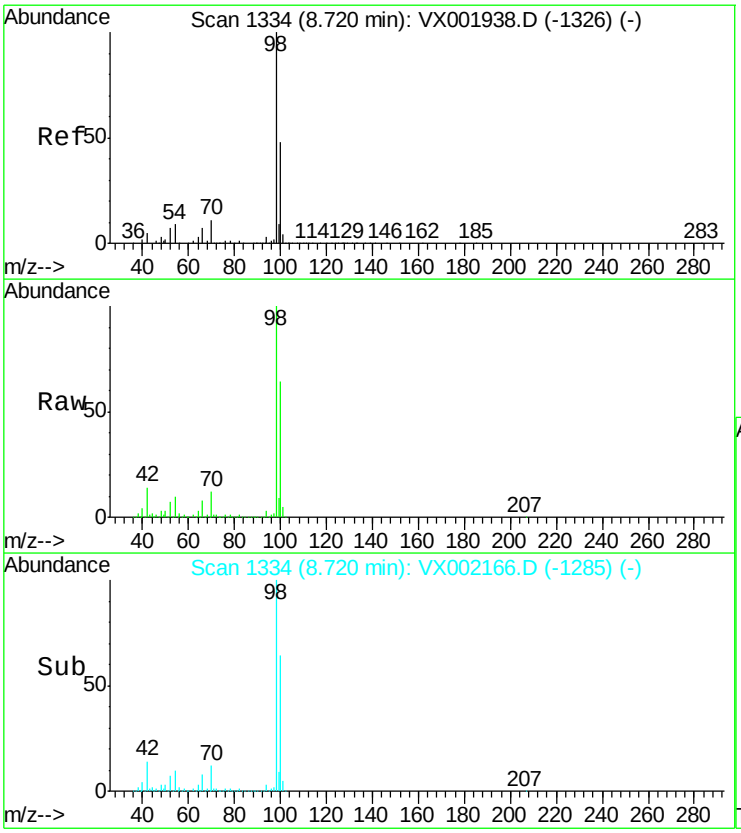
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument : MSVOA_X
ClientSampleId : MW-16

Tgt Ion: 41 Resp: 72

Ion	Ratio	Lower	Upper
41	100		
39	394.4	46.0	69.0#
67	0.0	50.6	75.8#
52	29.2	21.9	32.9

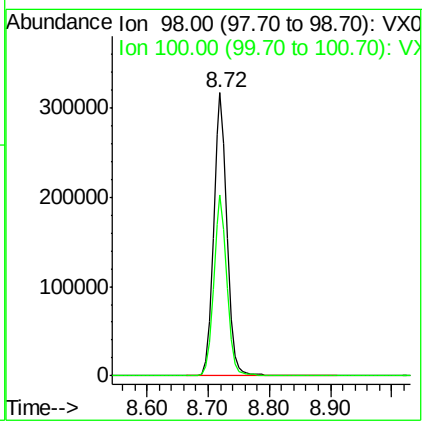


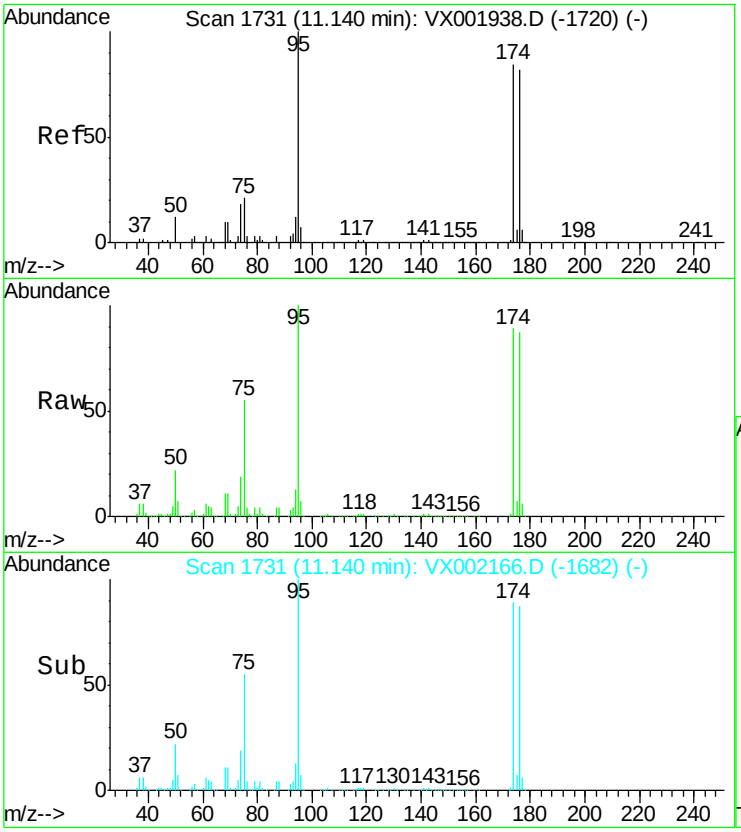


#50
Toluene-d8
Concen: 37.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 98 Resp: 494742

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



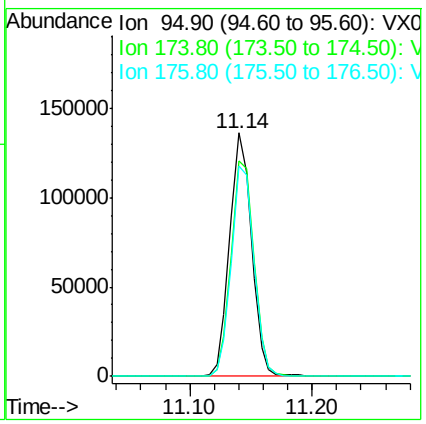


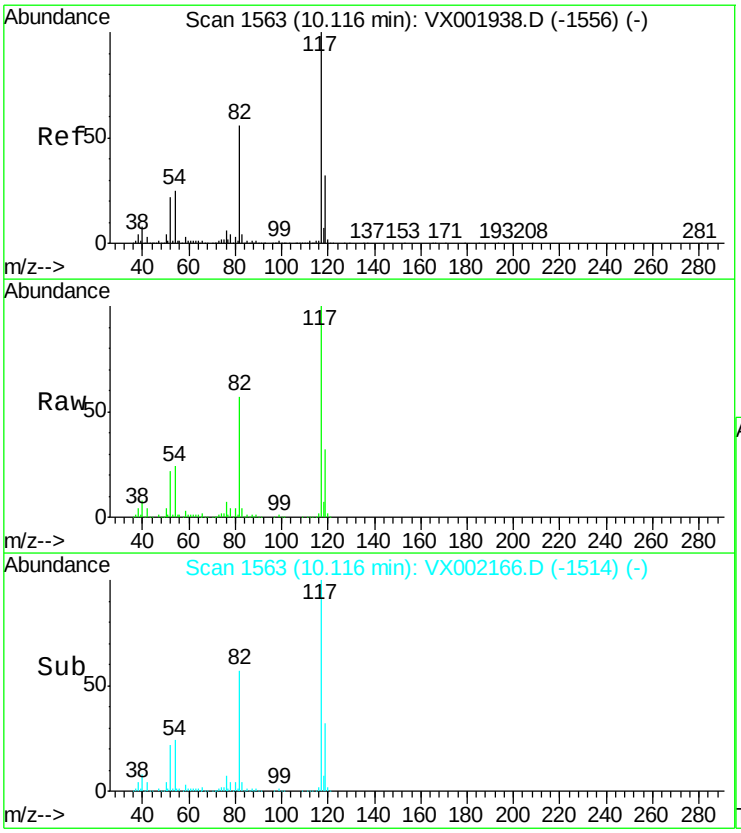
#62
4-Bromofluorobenzene
Concen: 32.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion: 95 Resp: 168693

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	178.8
176	88.9	0.0	175.6

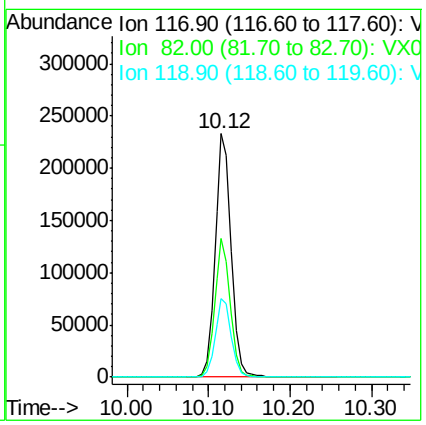


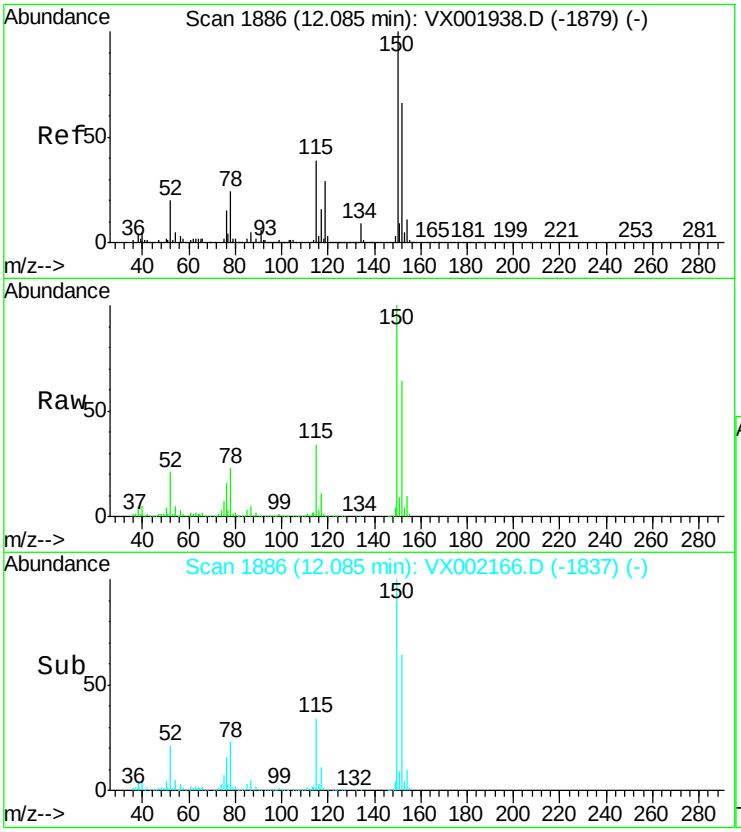


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion:117 Resp: 320264

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.8	67.2
119	32.3	25.5	38.3



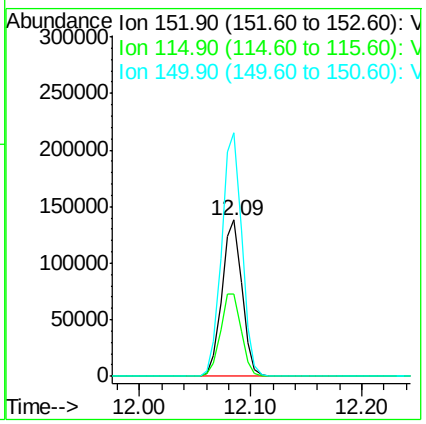


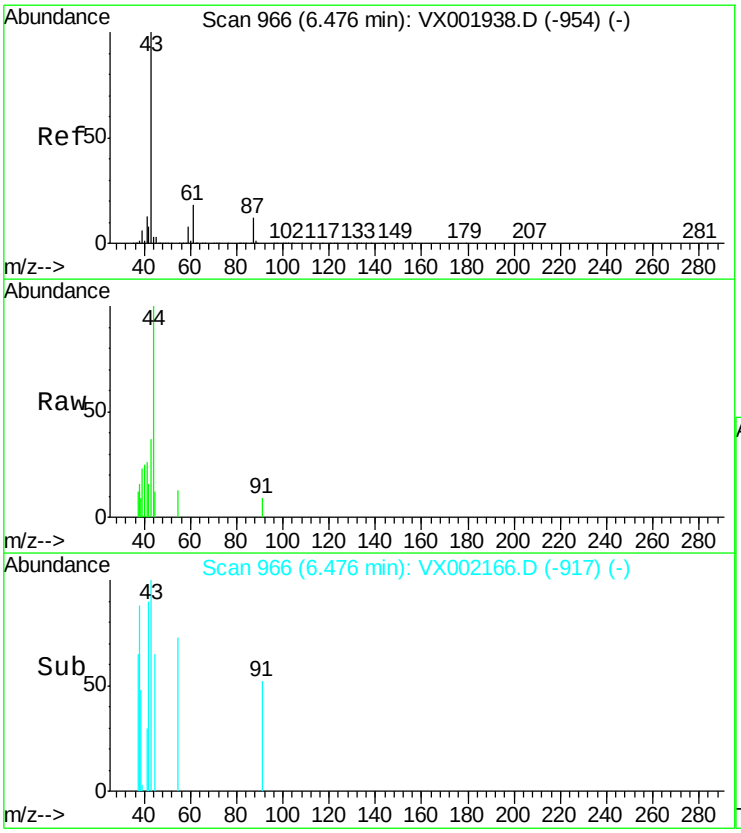
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 171945

Ion	Ratio	Lower	Upper
152	100		
115	55.1	42.3	126.8
150	157.8	0.0	351.0

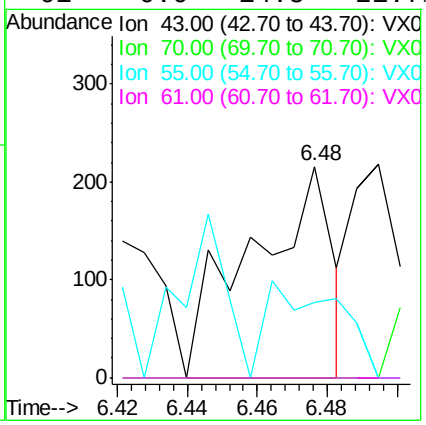


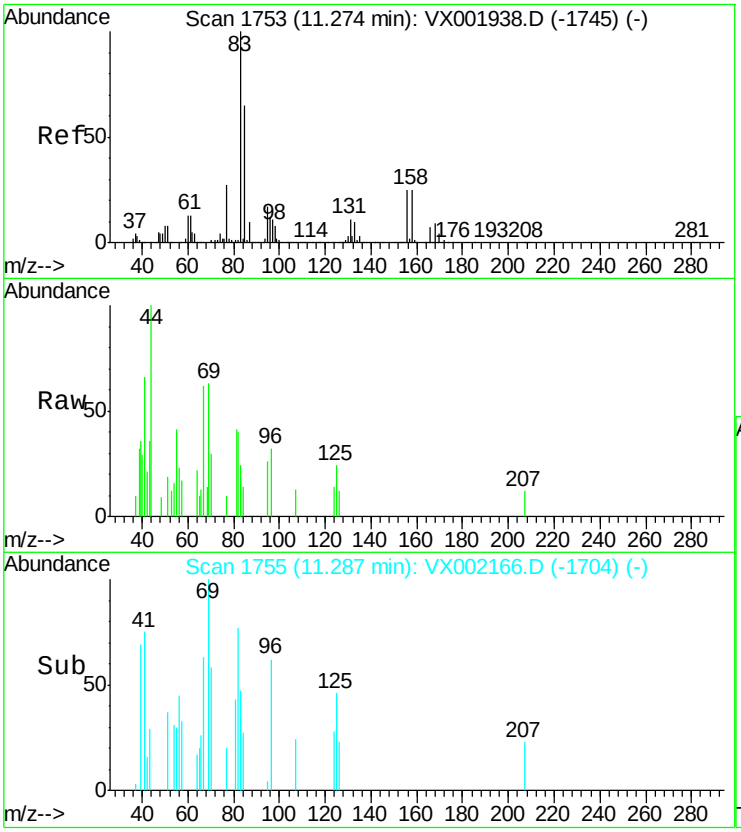


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 43 Resp: 347

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	40.3	0.1	0.1#
61	0.0	14.5	21.7#



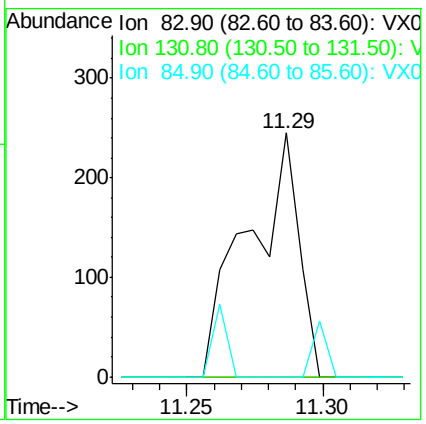


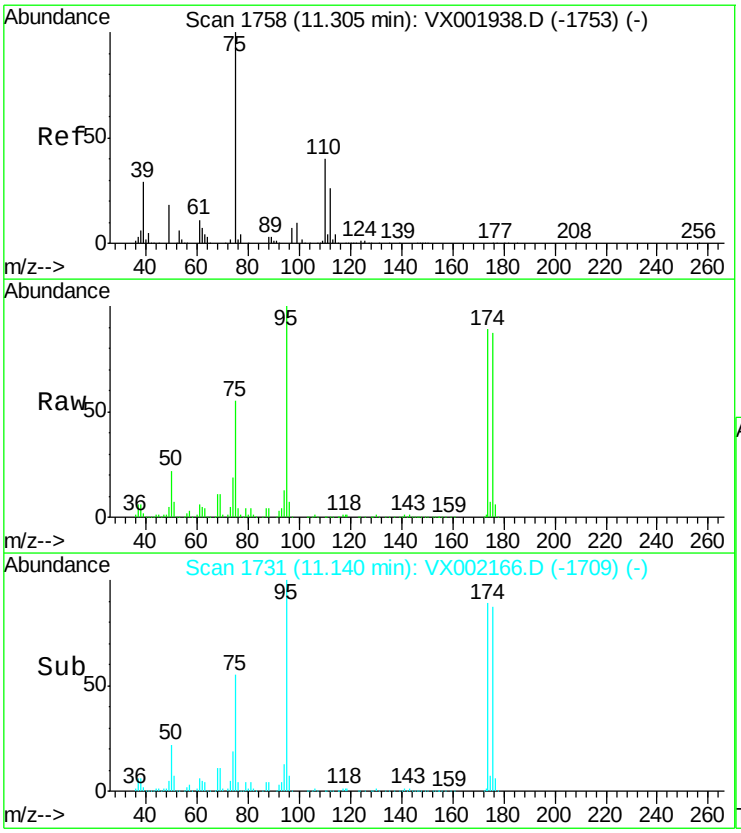
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument : MSVOA_X
ClientSampleId : MW-16

Tgt Ion: 83 Resp: 319

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	6.3	32.6	97.7#

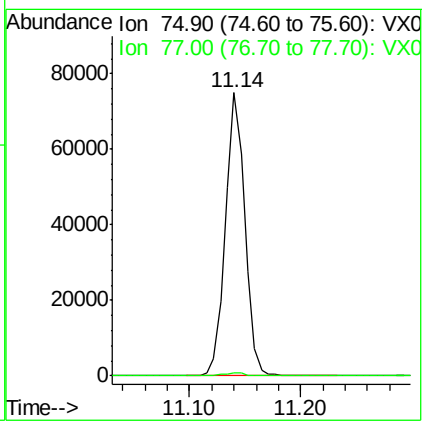


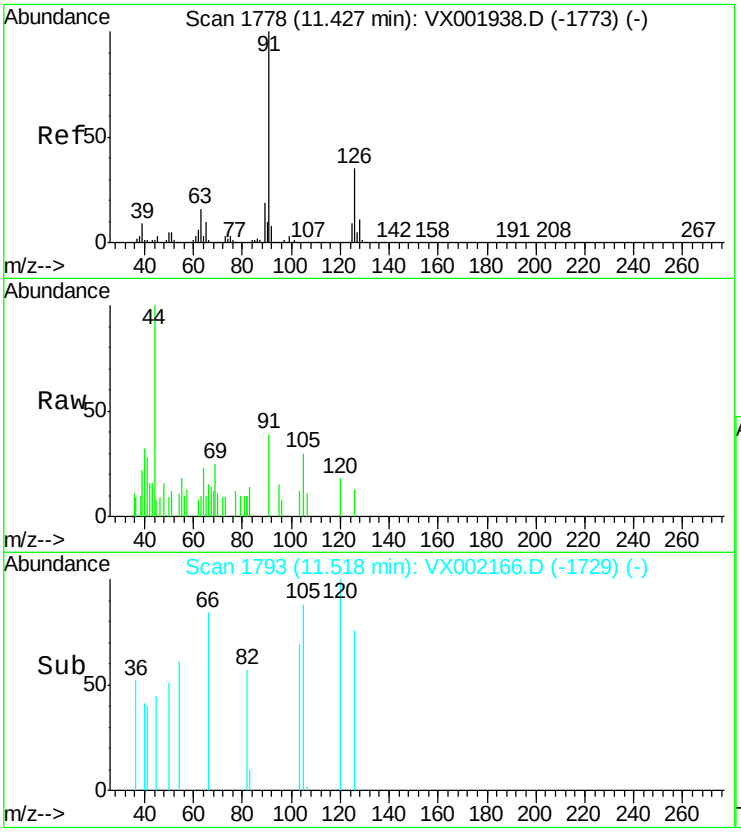


#76
1,2,3-Trichloropropane
Concen: 21.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 75 Resp: 90438

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



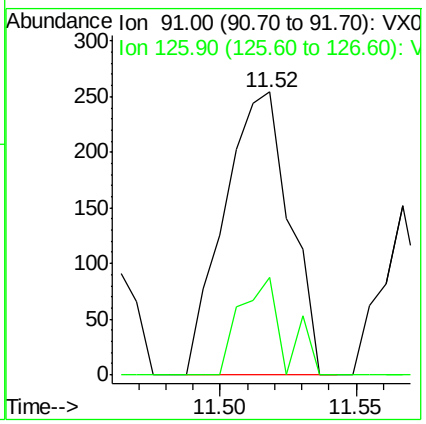


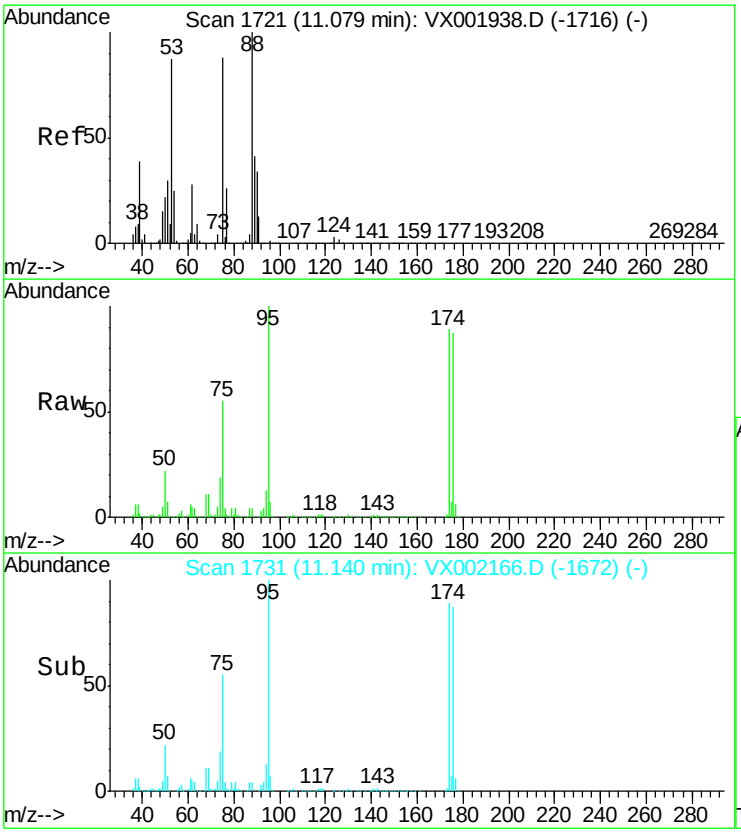
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.52 min Scan# 1793
Delta R.T. 0.09 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument : MSVOA_X
ClientSampleId : MW-16

Tgt Ion: 91 Resp: 423

Ion	Ratio	Lower	Upper
91	100		
126	23.2	17.4	52.2

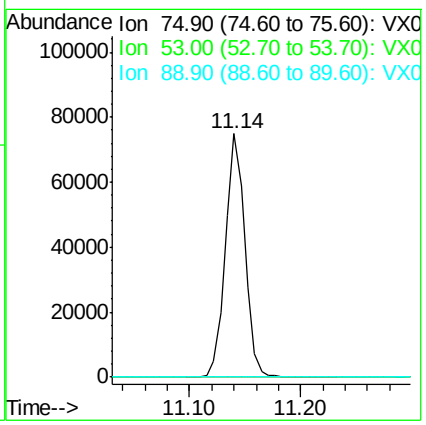


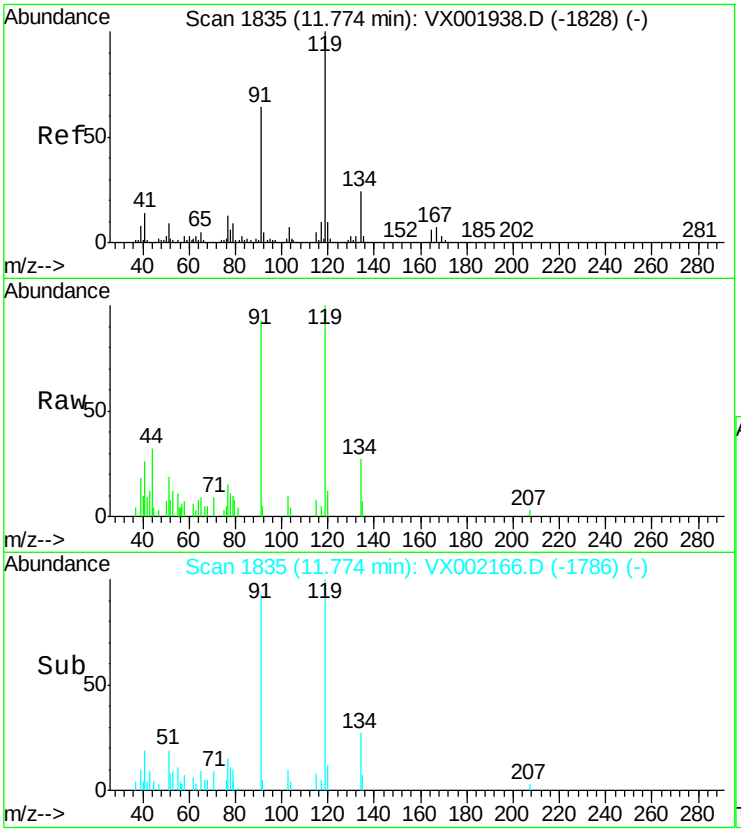


#81
trans-1,4-Dichloro-2-butene
Concen: 52.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion: 75 Resp: 90438

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.0	117.0#
89	0.0	39.4	59.2#



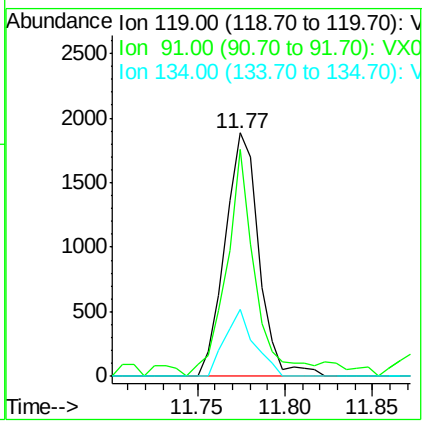


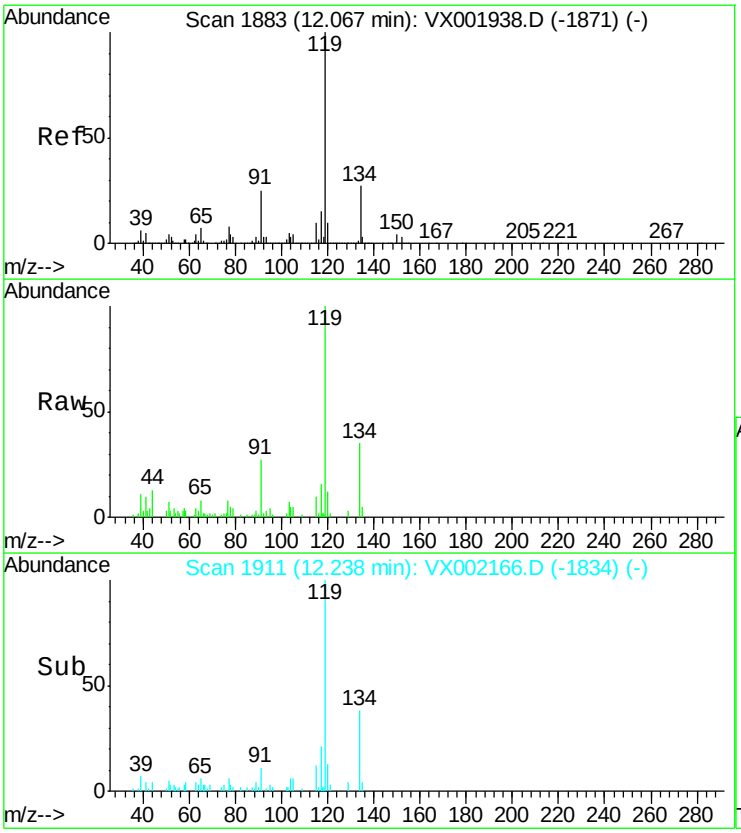
#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion:119 Resp: 2547

Ion	Ratio	Lower	Upper
119	100		
91	79.2	30.6	91.8
134	23.6	11.7	35.0

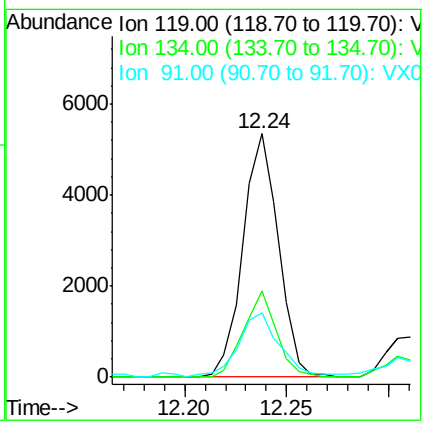


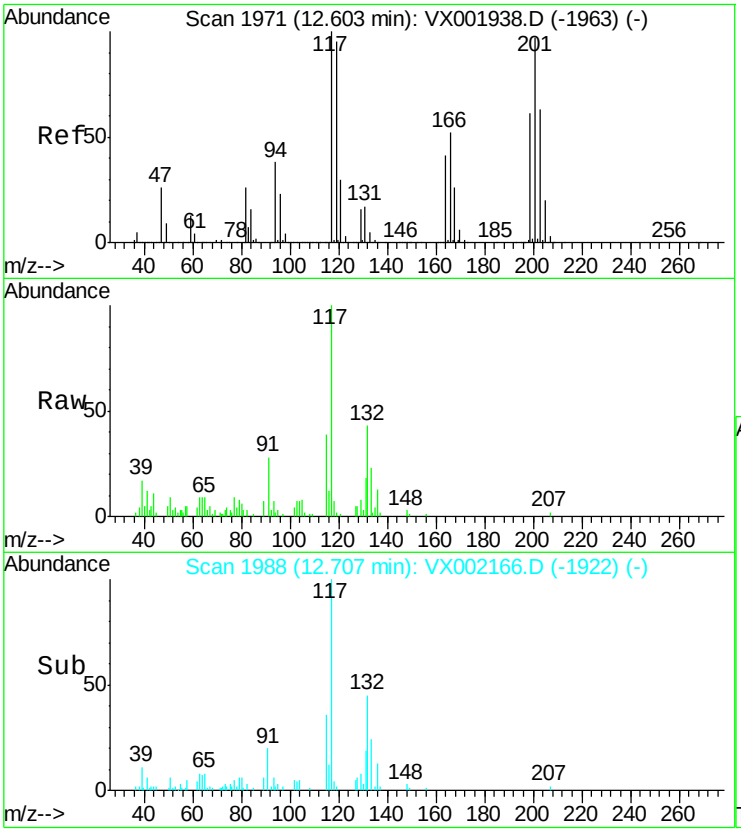


#86
p-Isopropyltoluene
Concen: 0.49 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion:119 Resp: 6469

Ion	Ratio	Lower	Upper
119	100		
134	32.9	13.6	40.8
91	30.8	12.2	36.4





#90
Hexachloroethane
Concen: 2.17 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion:117 Resp: 5622

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.0	144.0#