Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002353.D
Acq On : 06 Jun 2018 15:29
Operator : JC/MD
Sample : J3311-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:22:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	217592	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	318450	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	289018	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155045	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	155530	49.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.96%				
35) Dibromofluoromethane	5.51	113	112741	45.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.04%				
50) Toluene-d8	8.72	98	456514	47.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.12%				
62) 4-Bromofluorobenzene	11.14	95	154498	41.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.48%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	518	Below Cal			90
5) Bromomethane	1.65	94	1045	Below Cal			91
6) Chloroethane	1.64	64	1546	0.84	ug/l	#	68
8) Diethyl Ether	2.42	74	58	Below Cal			77
10) Methyl Iodide	2.52	142	1490	0.45	ug/l		97
11) Tert butyl alcohol	3.07	59	836	Below Cal		#	80
13) Acrolein	2.31	56	91	Below Cal		#	53
15) Acrylonitrile	3.14	53	166	Below Cal		#	29
16) Acetone	2.45	43	681	Below Cal		#	76
18) Methyl Acetate	2.76	43	303	Below Cal		#	55
19) Methyl tert-butyl Ether	3.20	73	80	Below Cal			99
20) Methylene Chloride	2.87	84	454	Below Cal		#	59
22) Diisopropyl ether	3.84	45	86	Below Cal		#	35
28) Bromochloromethane	4.96	49	23	Below Cal		#	13
30) Chloroform	5.23	83	1577	0.33	ug/l		92
31) Cyclohexane	5.67	56	4851	1.23	ug/l	#	34
36) 1,1-Dichloropropene	5.67	75	14975	4.47	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	20408	5.83	ug/l	#	16
39) Methylcyclohexane	7.34	83	27	0.27	ug/l	#	16
44) Trichloroethene	7.22	130	1553	0.55	ug/l		88
49) 1,4-Dioxane	7.67	88	22	0.34	ug/l	#	1
60) Dibromochloromethane	9.34	129	2307	0.85	ug/l	#	11
64) Tetrachloroethene	9.34	164	2844	0.95	ug/l	#	76
76) 1,2,3-Trichloropropane	11.14	75	83339	24.50	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	83339	85.87	ug/l	#	6

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

Quantitation Report (Not Reviewed)

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Acq On : 06 Jun 2018 15:29
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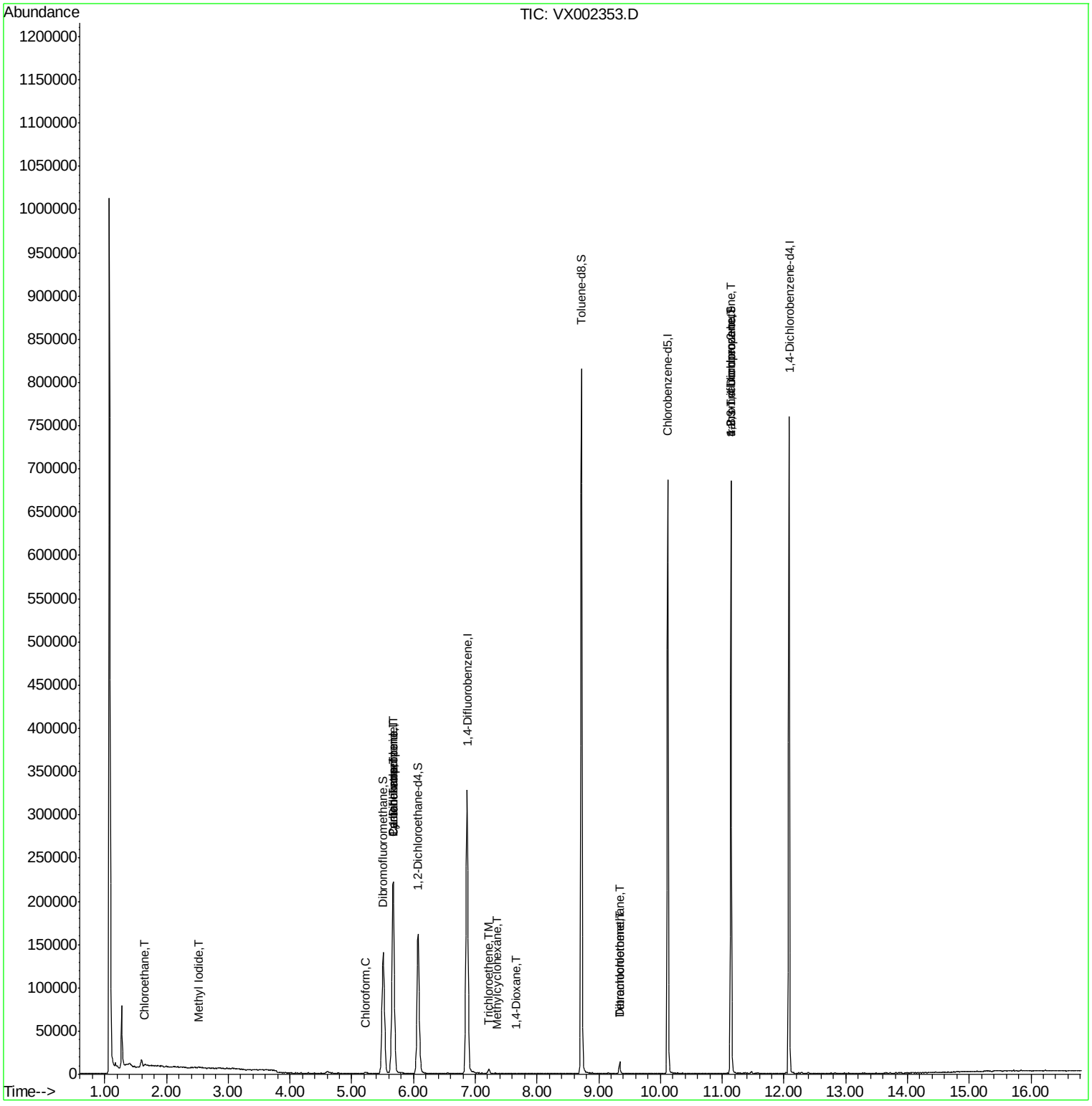
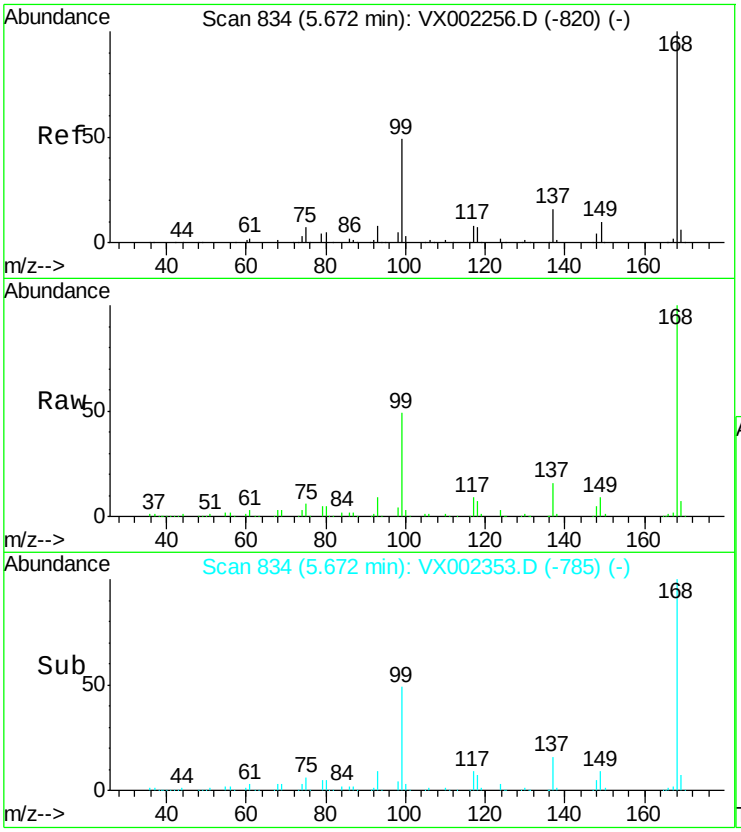
Sample : J3311-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:22:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



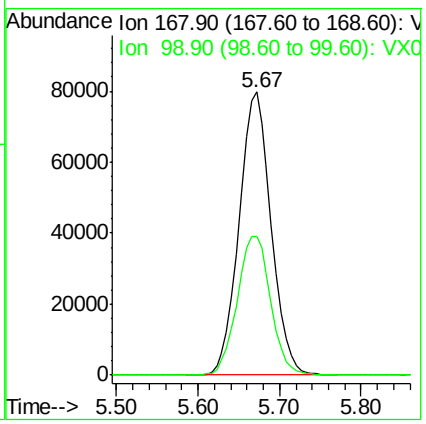


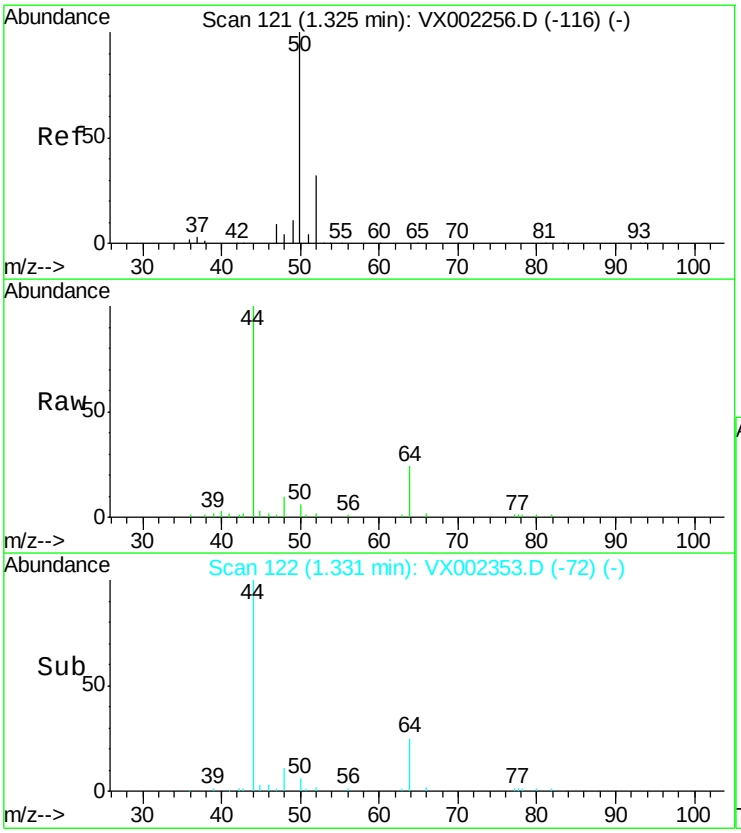
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 217592

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.3	58.9

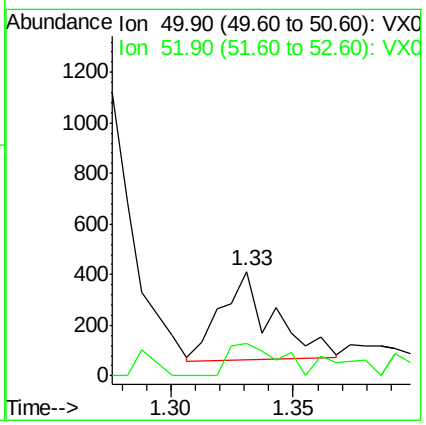


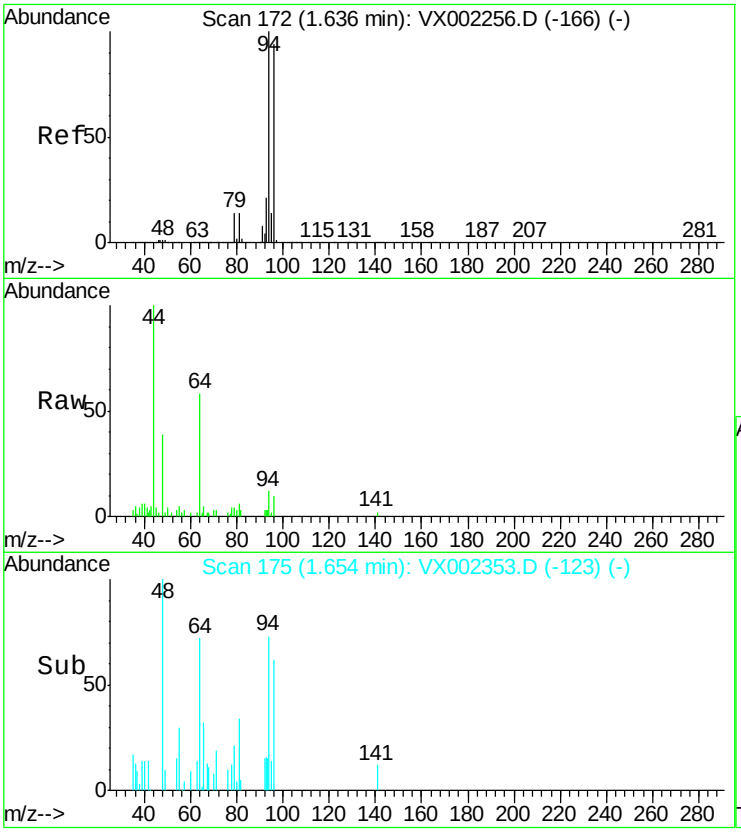


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 50 Resp: 518

Ion	Ratio	Lower	Upper
50	100		
52	37.9	25.7	38.5



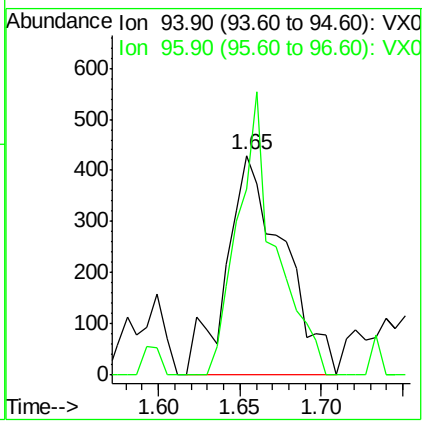


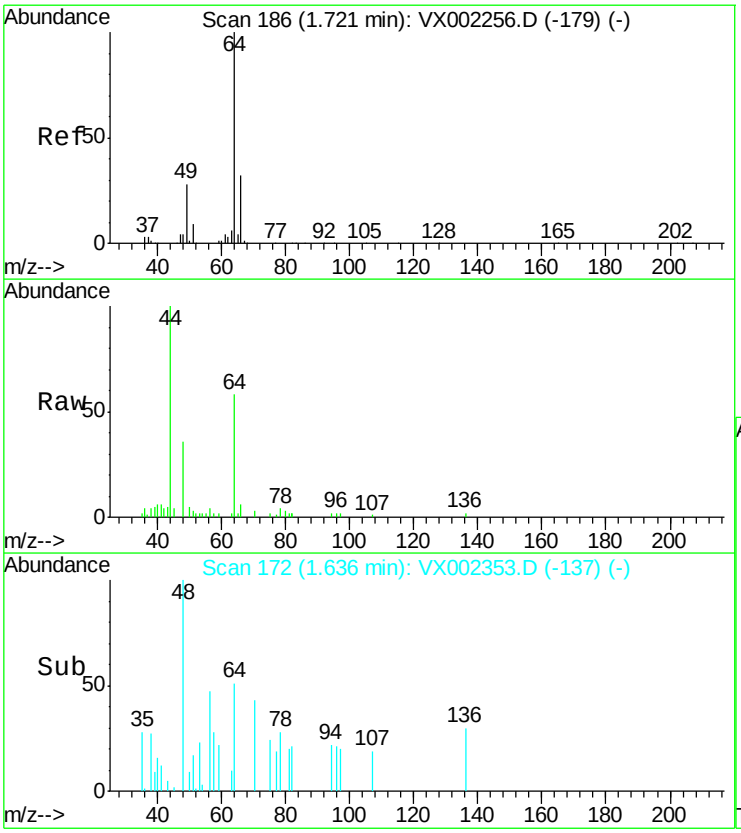
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1045

Ion	Ratio	Lower	Upper
94	100		
96	84.6	74.9	112.3

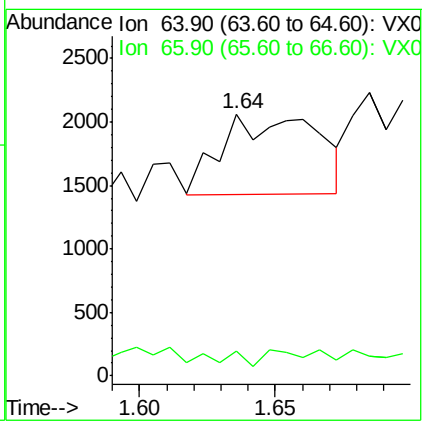


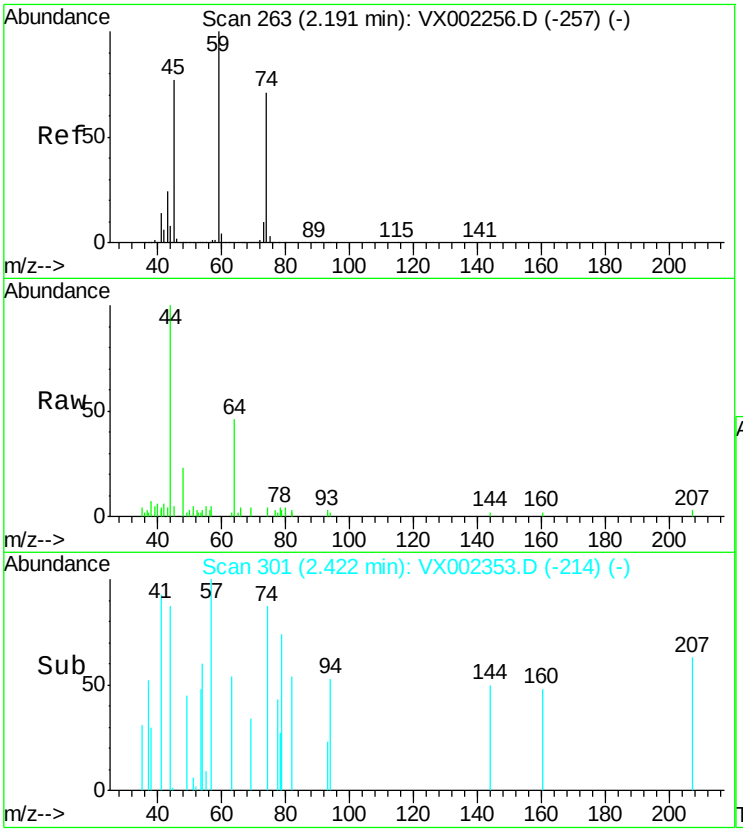


#6
Chloroethane
Concen: 0.84 ug/l
RT: 1.64 min Scan# 172
Delta R.T. -0.09 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 64 Resp: 1546

Ion	Ratio	Lower	Upper
64	100		
66	13.8	25.5	38.3#



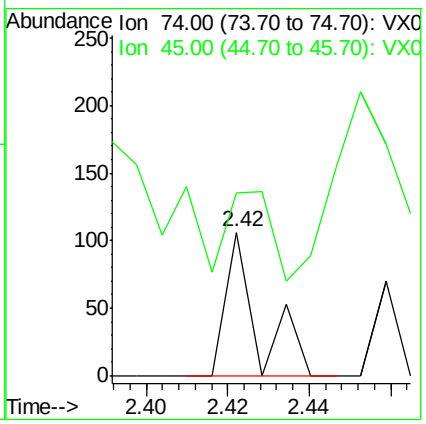


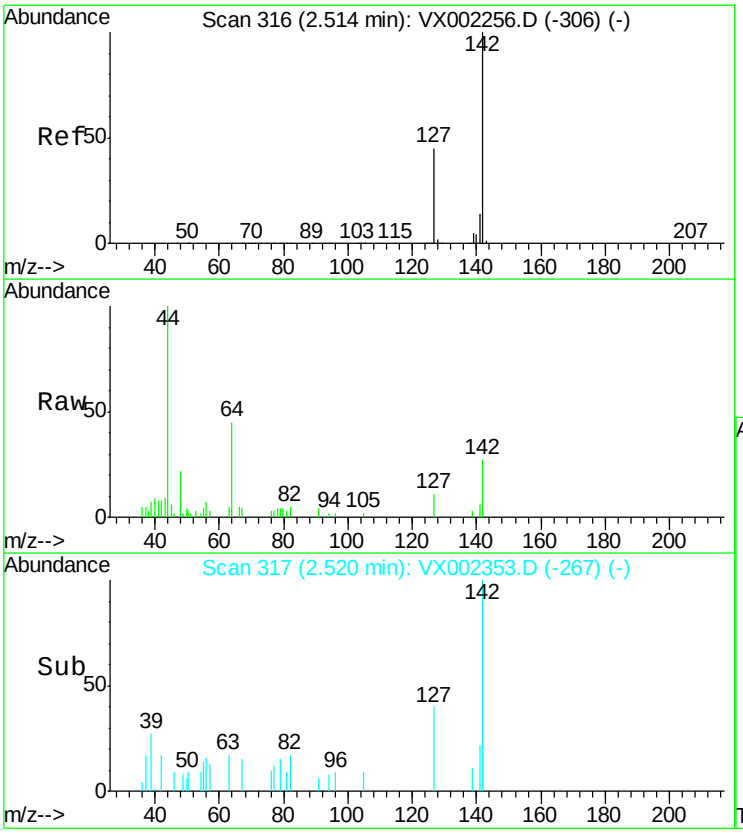
#8
Diethyl Ether
Concen: Below Cal
RT: 2.42 min Scan# 301
Delta R.T. 0.23 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 58

Ion	Ratio	Lower	Upper
74	100		
45	82.8	53.1	159.4

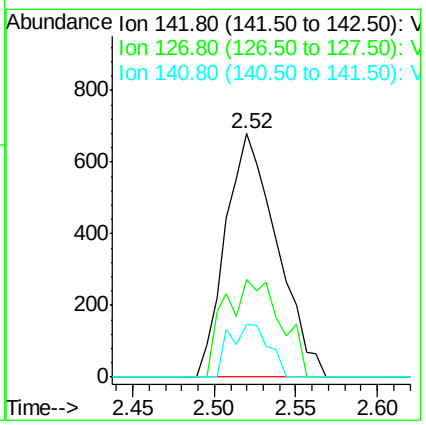


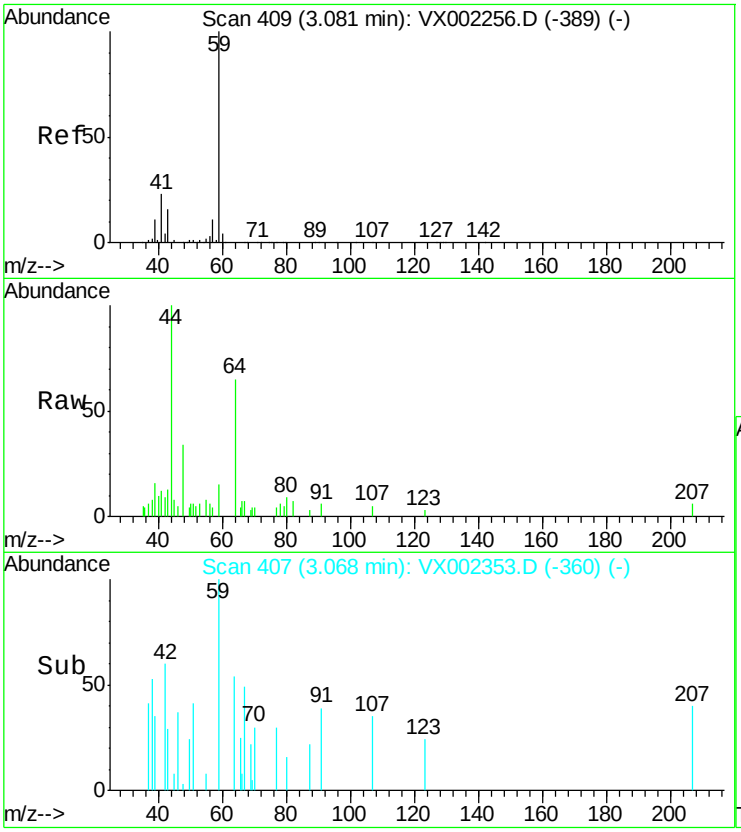


#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion:142 Resp: 1490

Ion	Ratio	Lower	Upper
142	100		
127	44.2	36.6	55.0
141	16.8	11.3	16.9



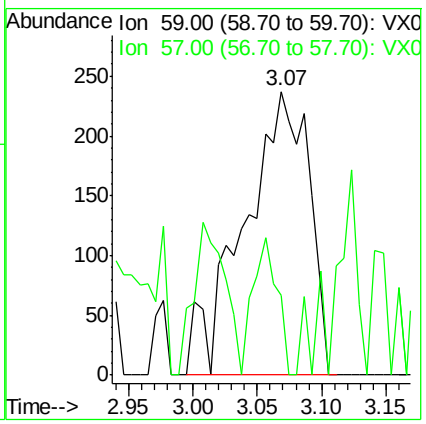


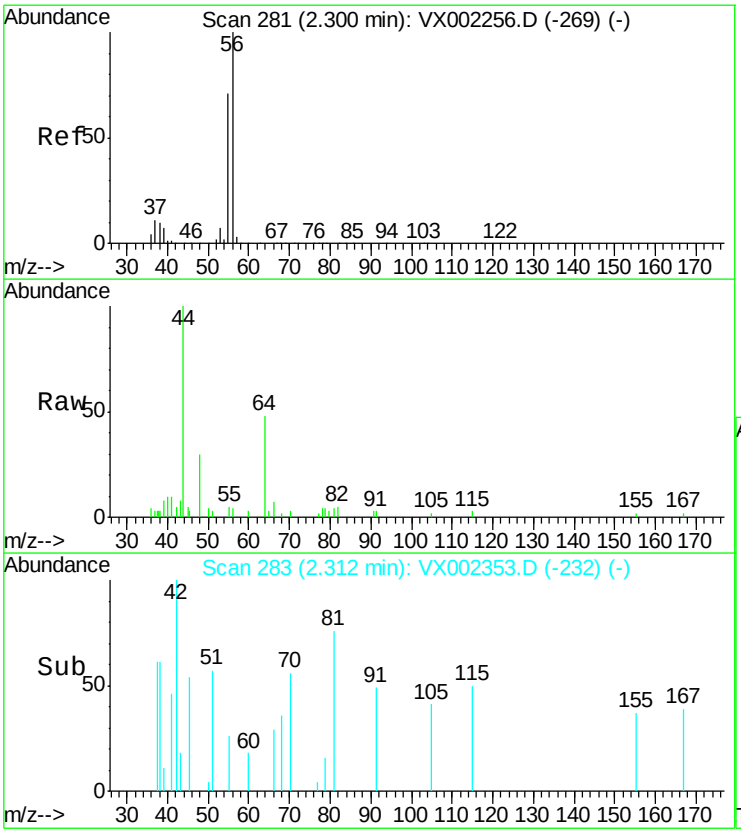
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 836

Ion	Ratio	Lower	Upper
59	100		
57	17.8	8.2	12.2#

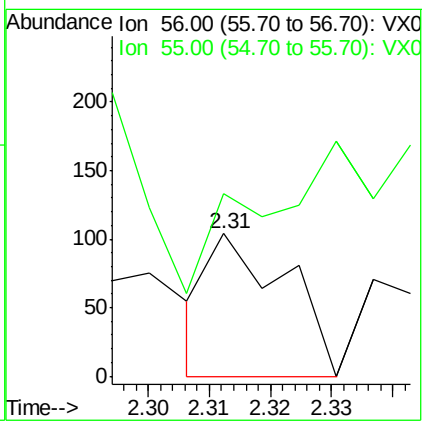


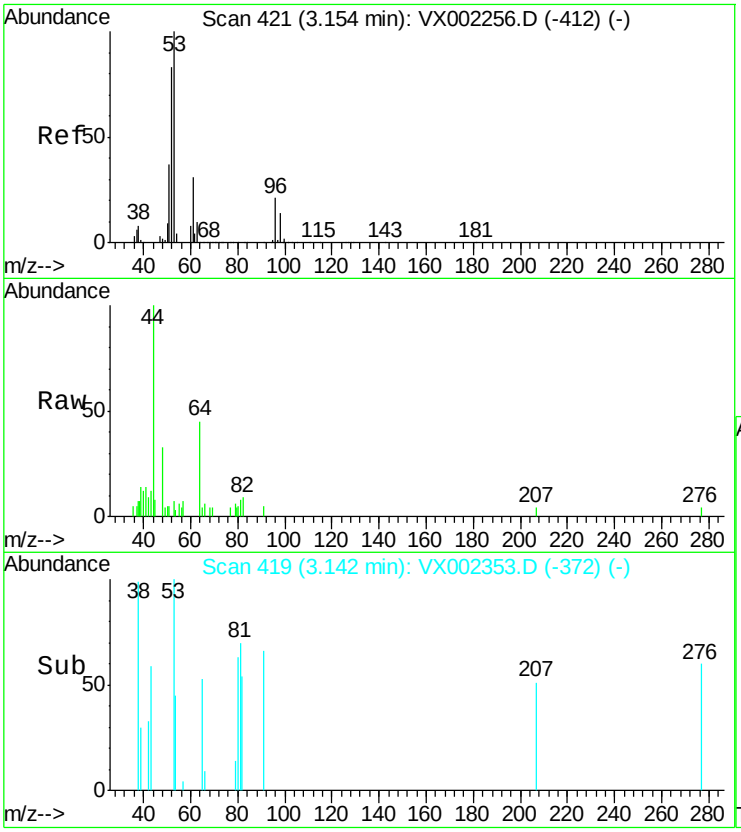


#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 56 Resp: 91

Ion	Ratio	Lower	Upper
56	100		
55	109.9	57.0	85.4#



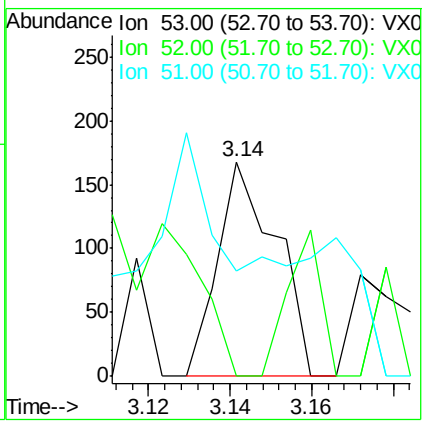


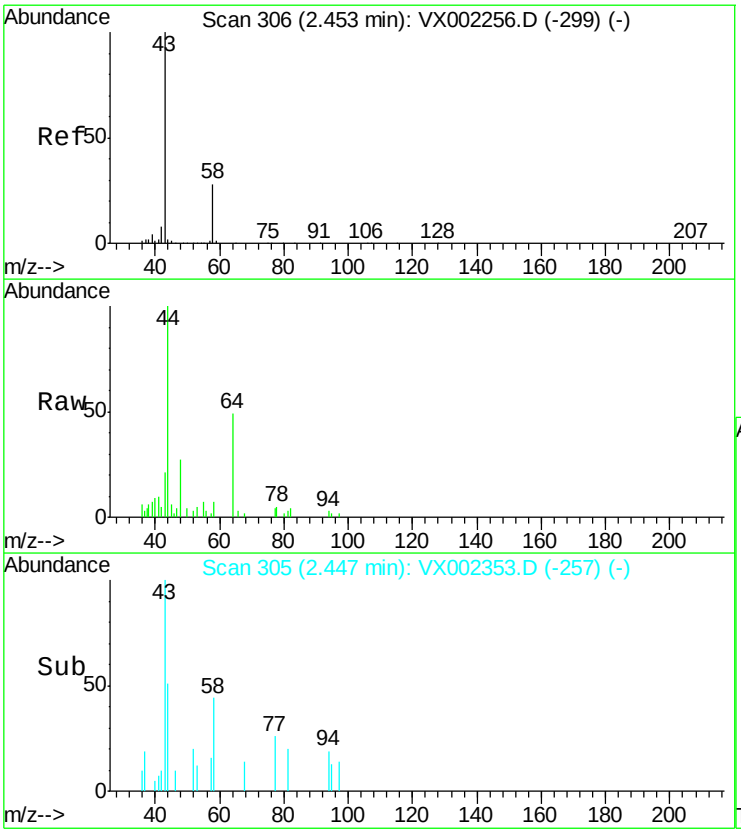
#15
Acrylonitrile
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 166

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	51.2	29.9	44.9#

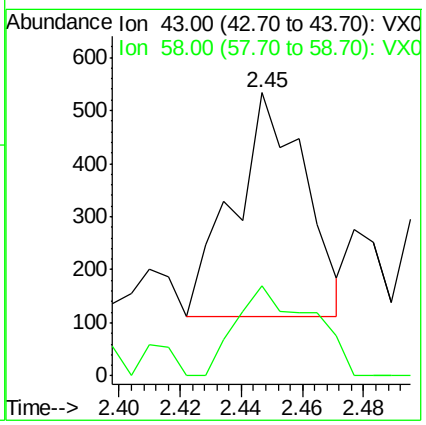


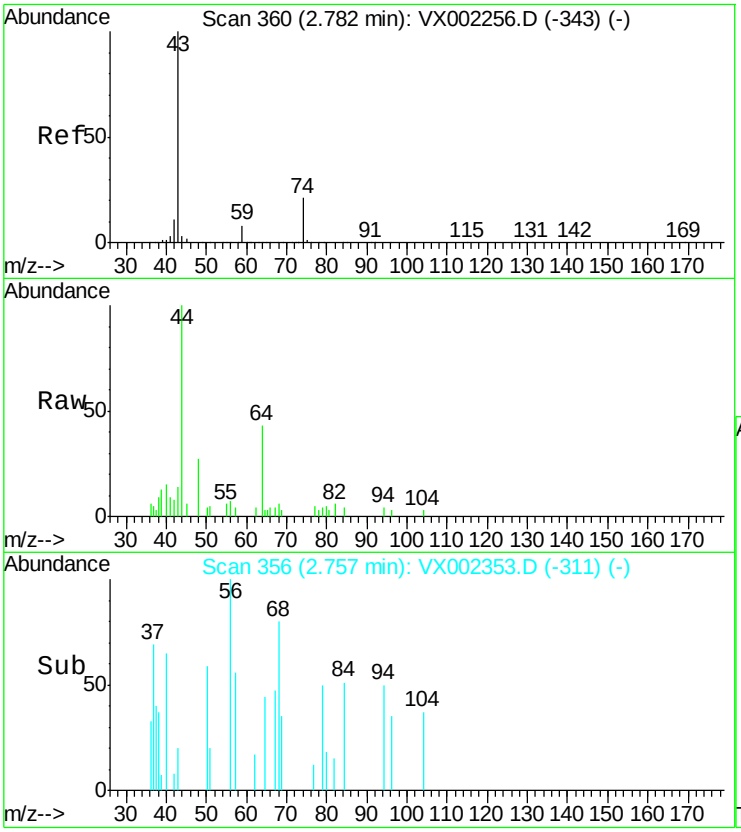


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 43 Resp: 681

Ion	Ratio	Lower	Upper
43	100		
58	40.0	22.1	33.1#



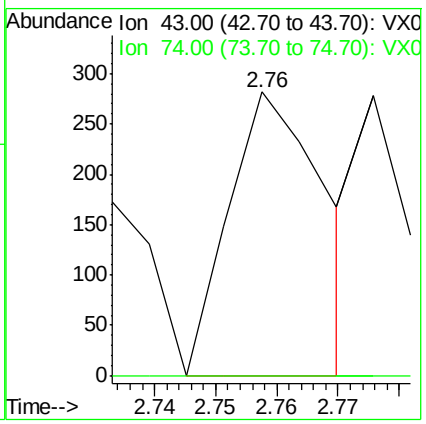


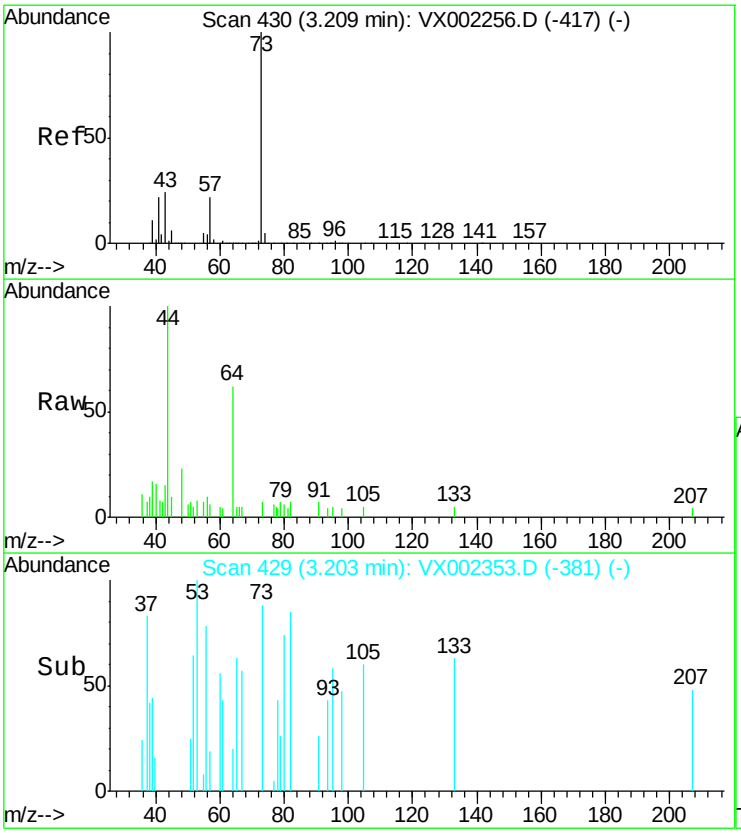
#18
Methyl Acetate
Concen: Below Cal
RT: 2.76 min Scan# 356
Delta R.T. -0.02 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 303

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#

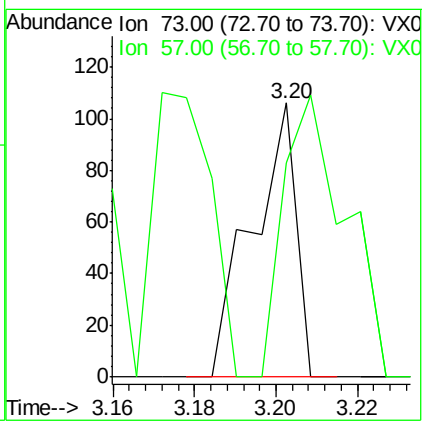


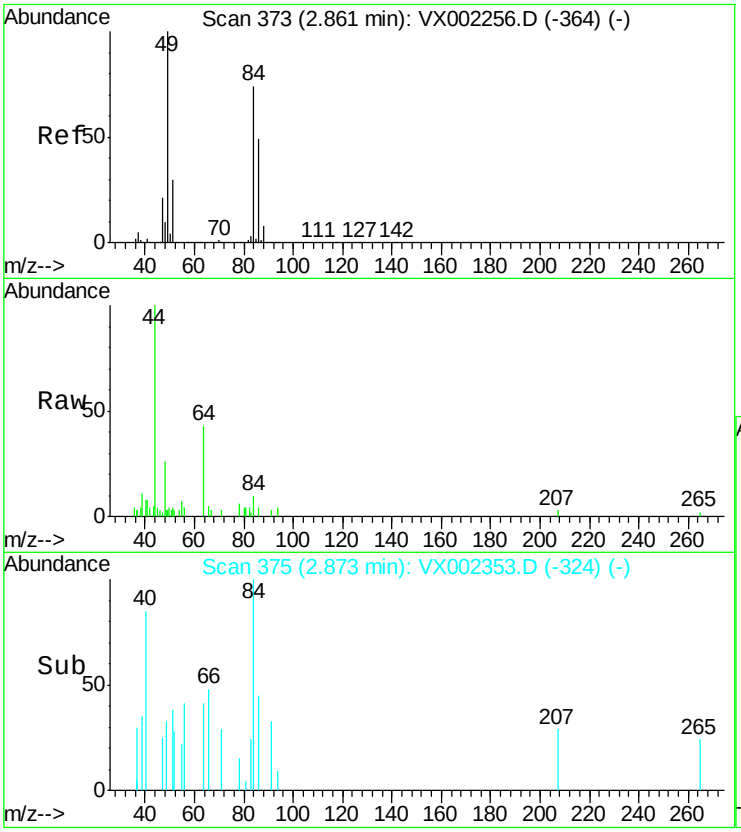


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 73 Resp: 80

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.7	26.5



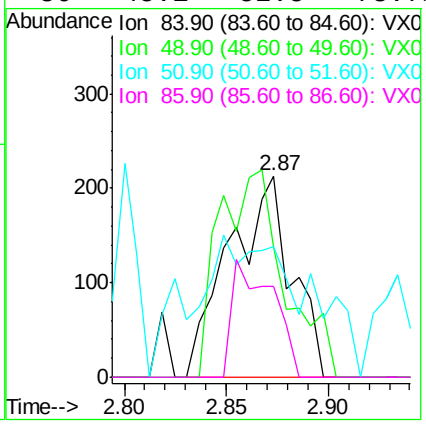


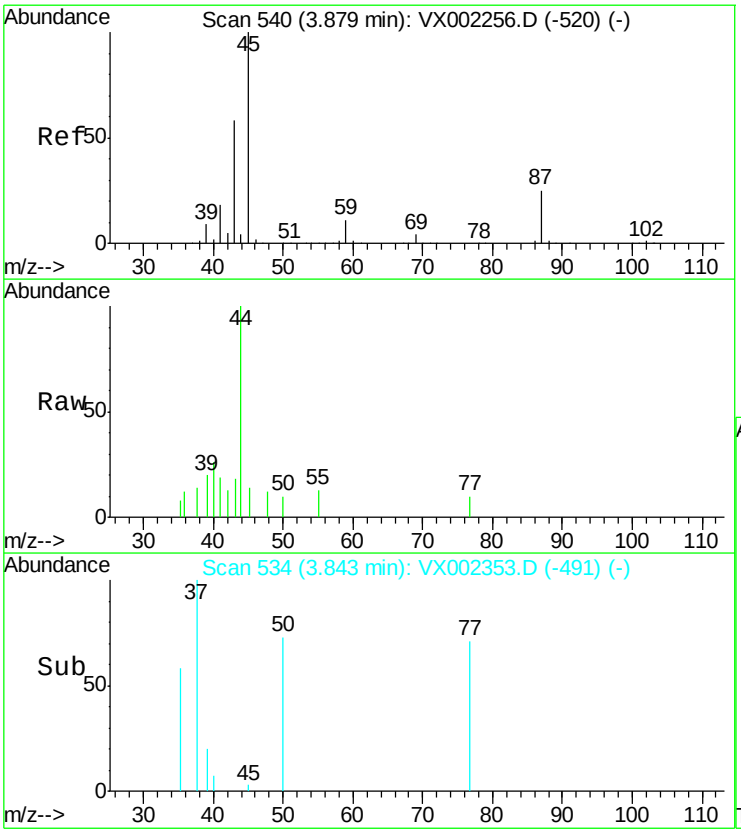
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 454

Ion	Ratio	Lower	Upper
84	100		
49	64.8	107.8	161.6#
51	36.2	32.8	49.2
86	45.1	52.5	78.7#

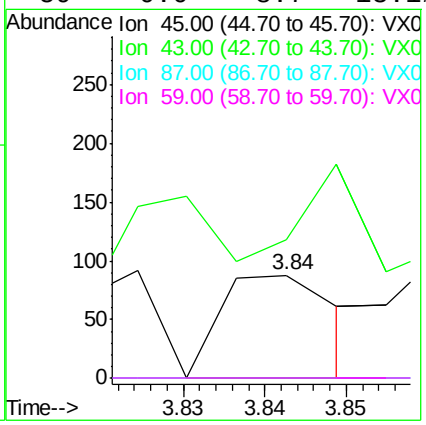


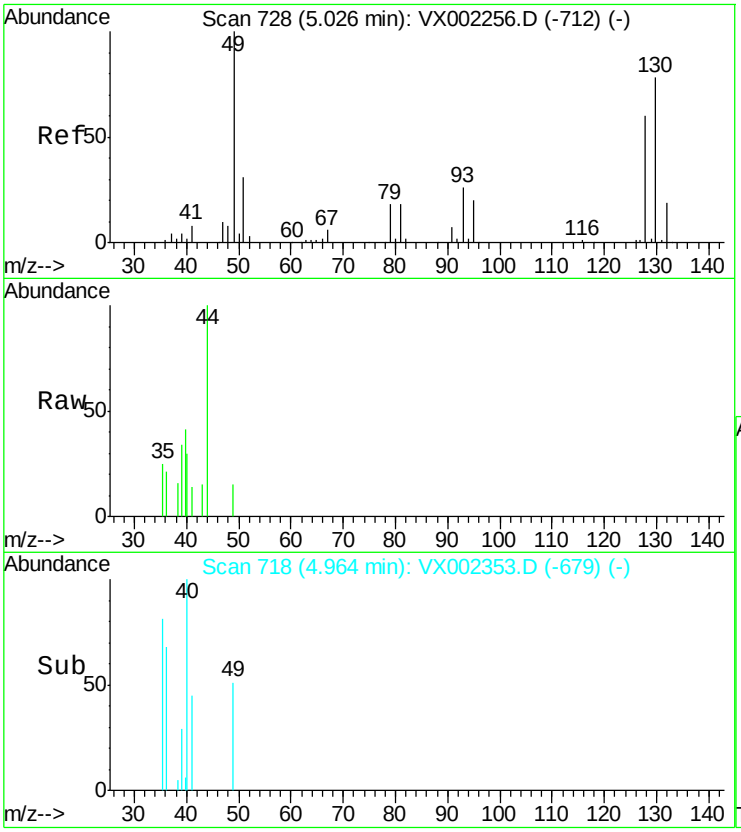


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.84 min Scan# 534
Delta R.T. -0.04 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 45 Resp: 86

Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



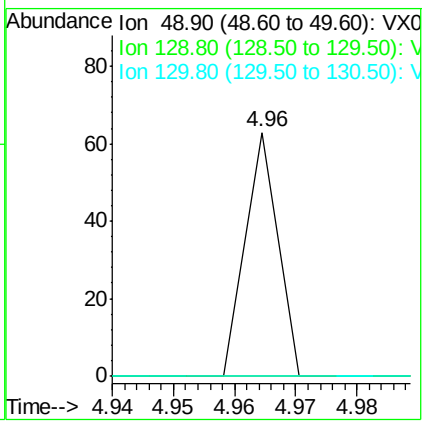


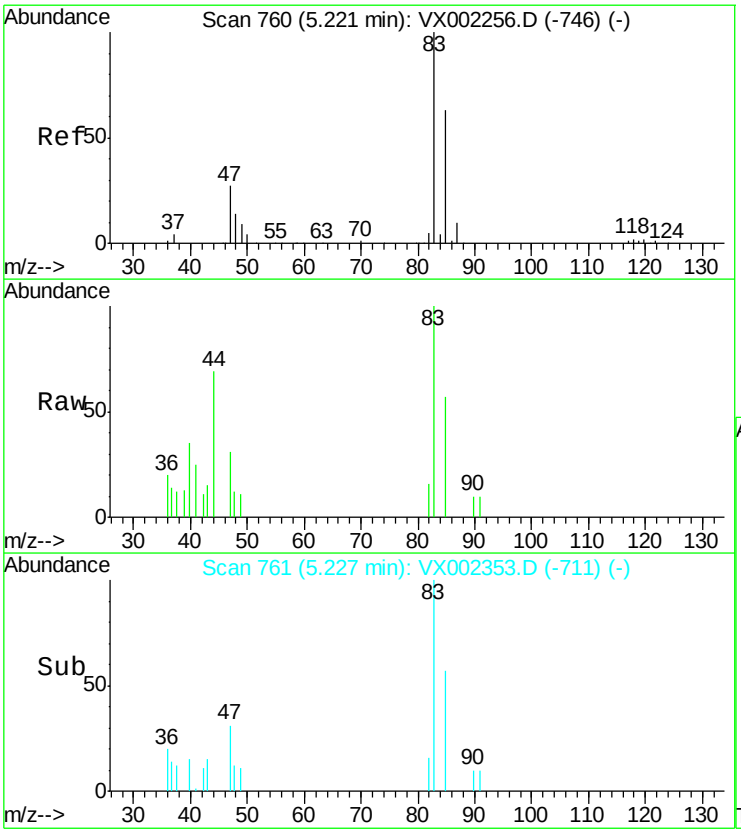
#28
Bromochloromethane
Concen: Below Cal
RT: 4.96 min Scan# 718
Delta R.T. -0.06 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 23

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#

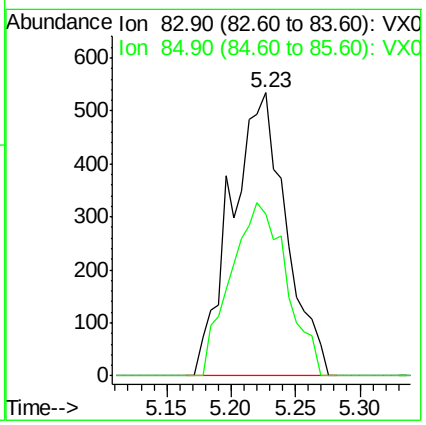


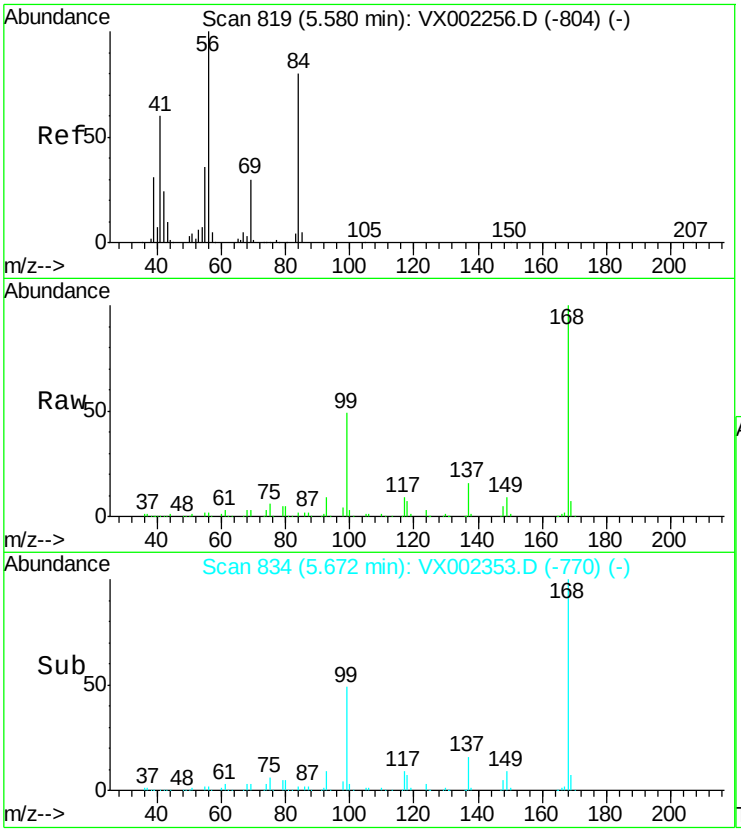


#30
Chloroform
Concen: 0.33 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 83 Resp: 1577

Ion	Ratio	Lower	Upper
83	100		
85	57.1	50.4	75.6



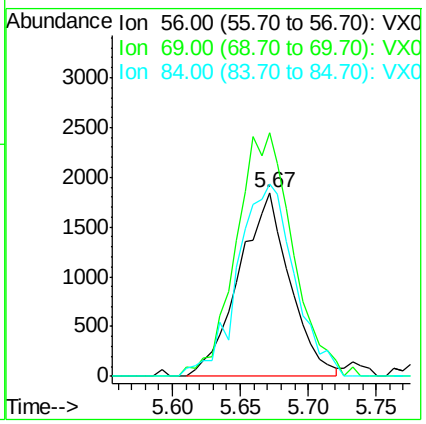


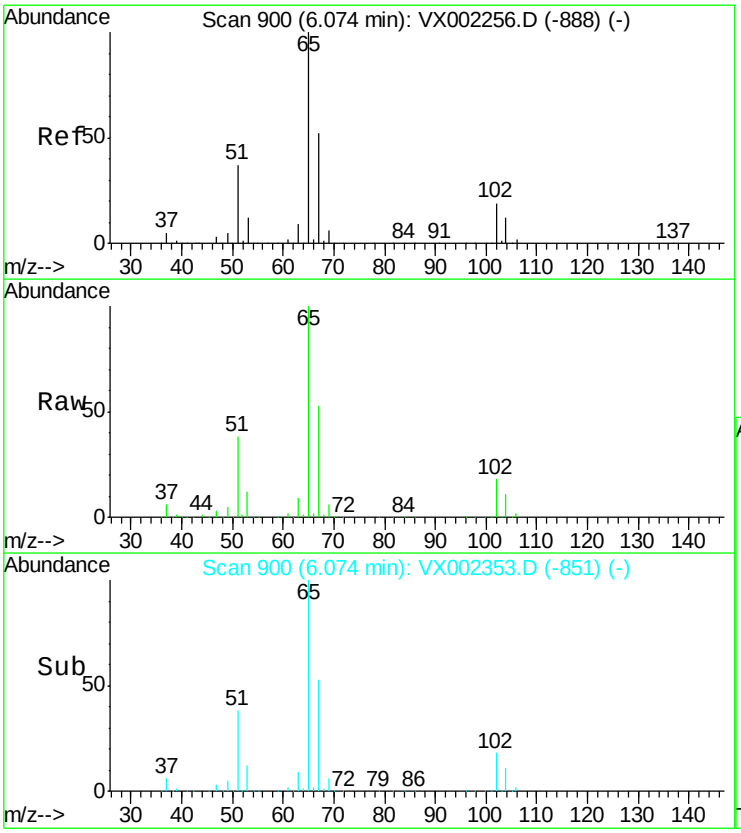
#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4851

Ion	Ratio	Lower	Upper
56	100		
69	127.6	23.7	35.5#
84	100.8	64.1	96.1#

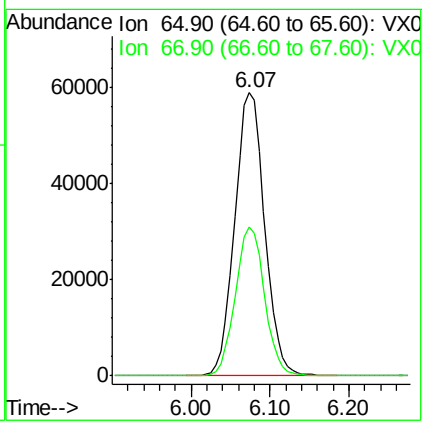


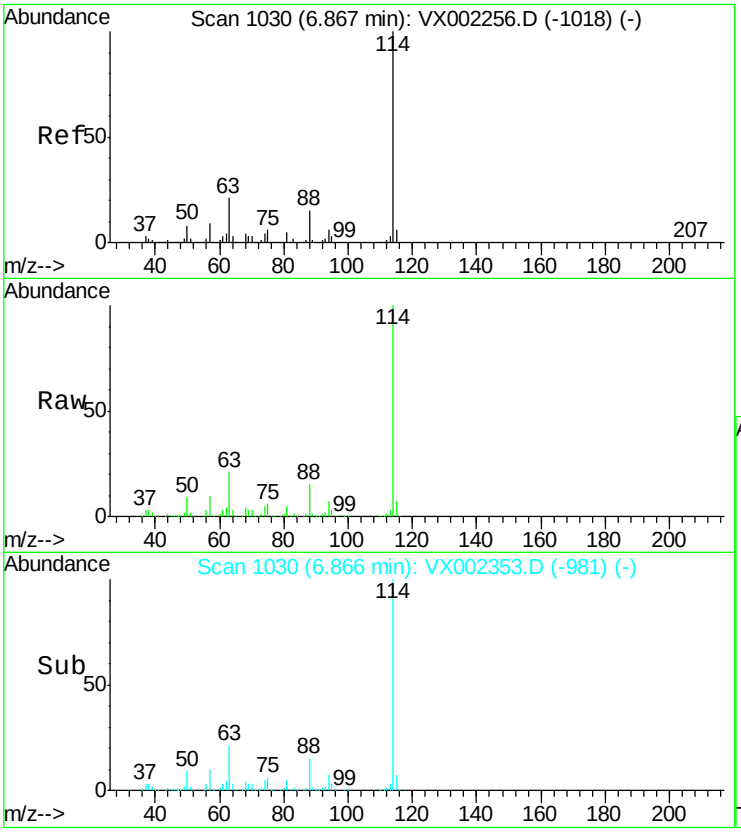


#33
1,2-Dichloroethane-d4
Concen: 49.98 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 65 Resp: 155530

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6



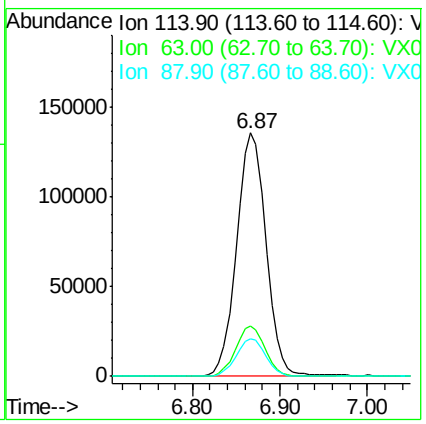


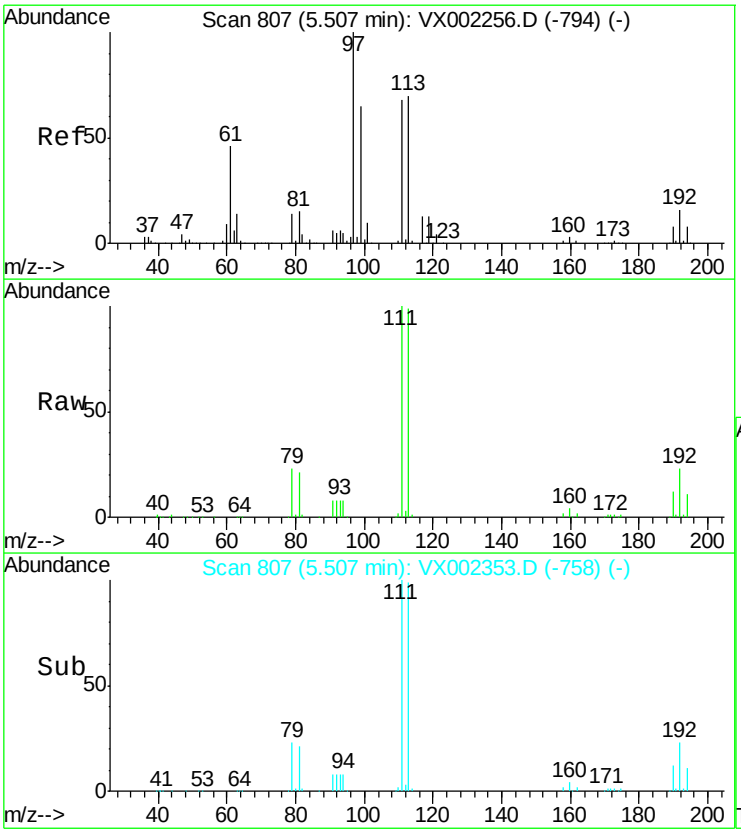
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 318450

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.3	0.0	30.0

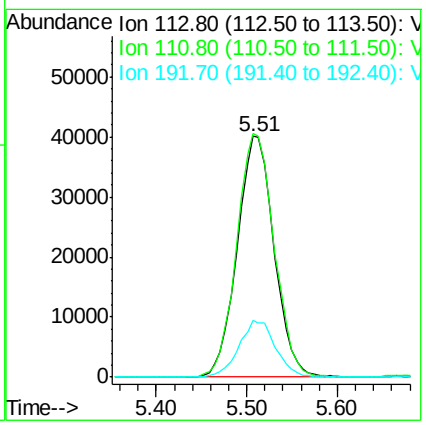


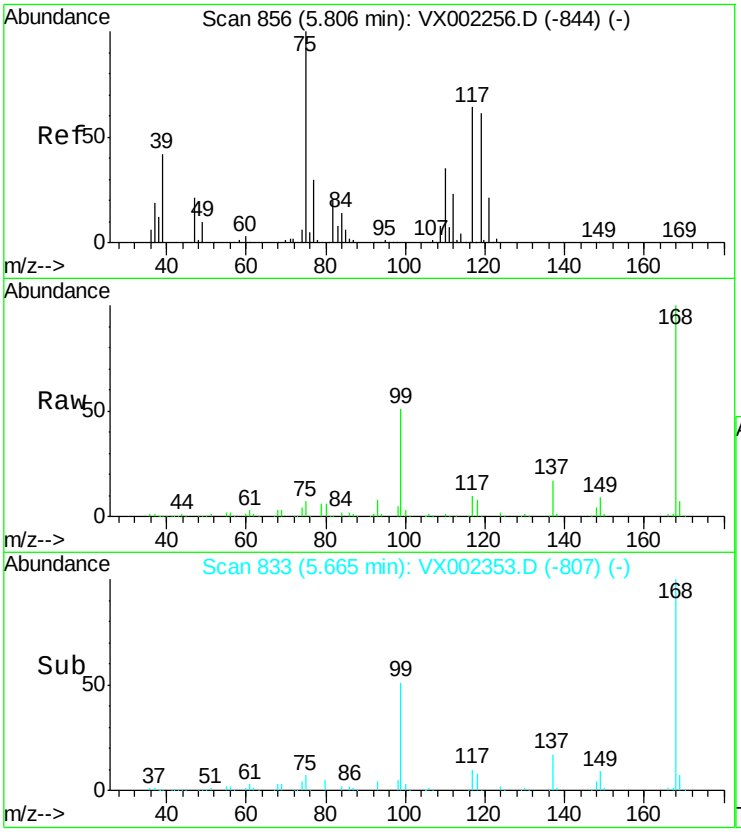


#35
Dibromofluoromethane
Concen: 45.02 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion:113 Resp: 112741

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.2	19.1	28.7



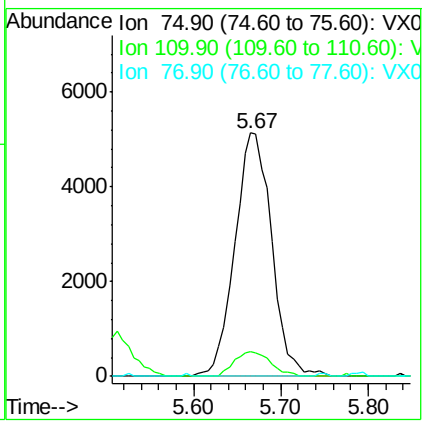


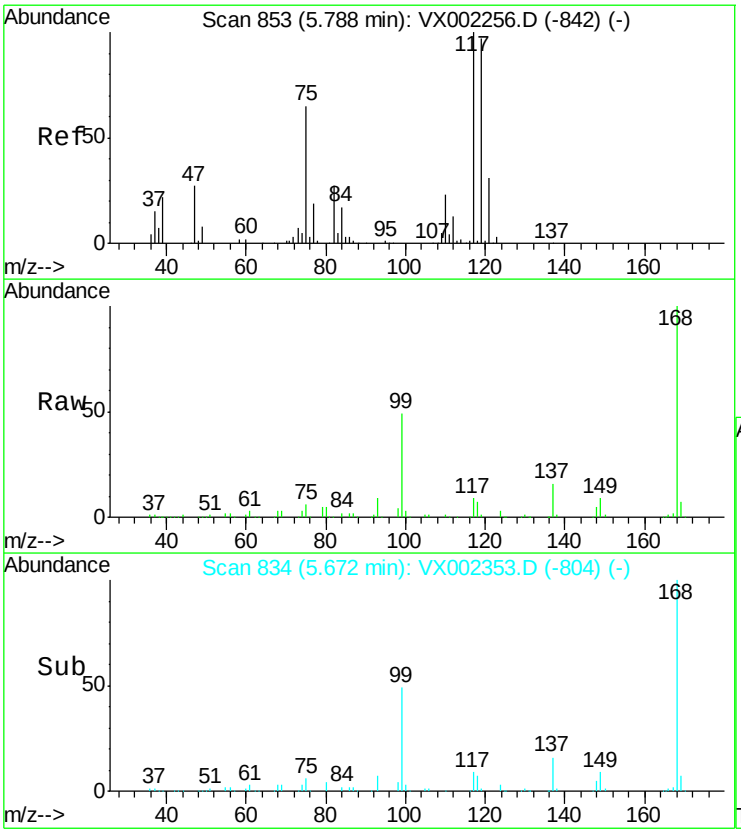
#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 14975

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	24.3	36.5#

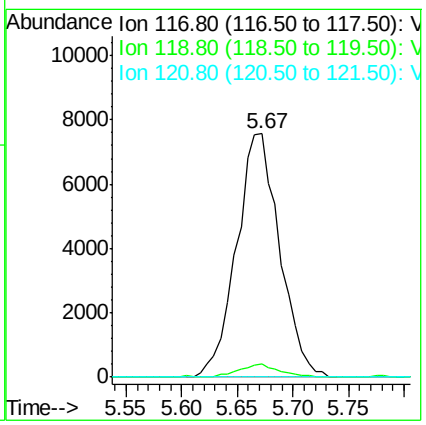


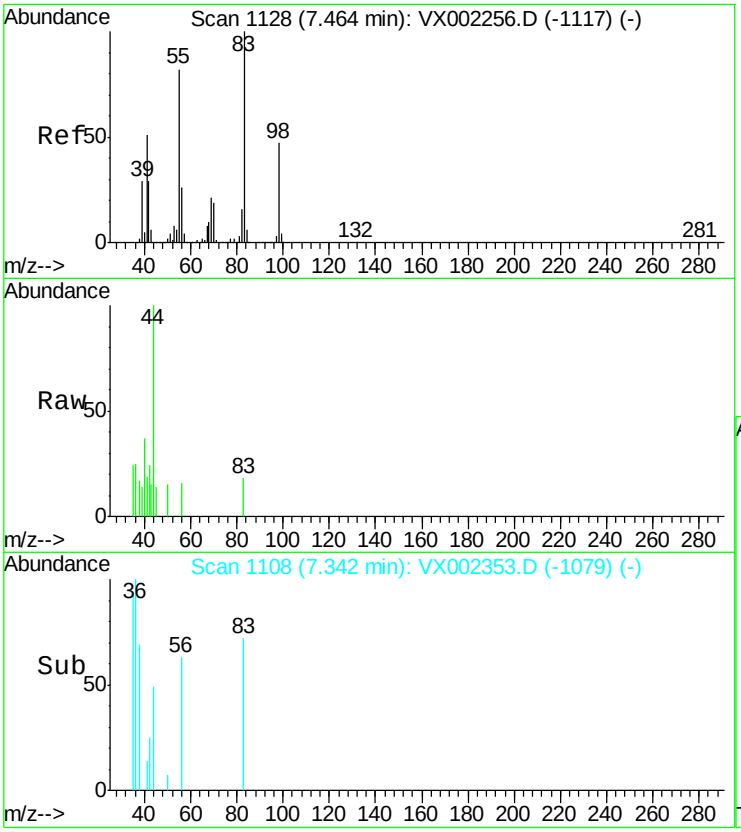


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion:117 Resp: 20408

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.4	116.0#
121	0.0	24.4	36.6#



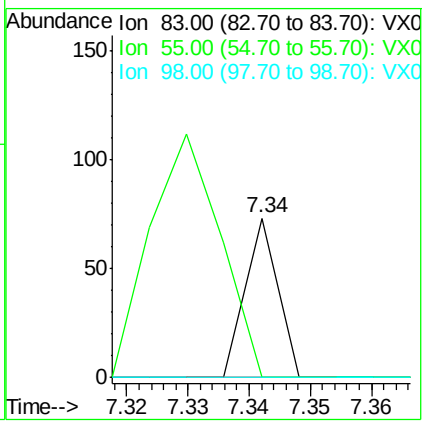


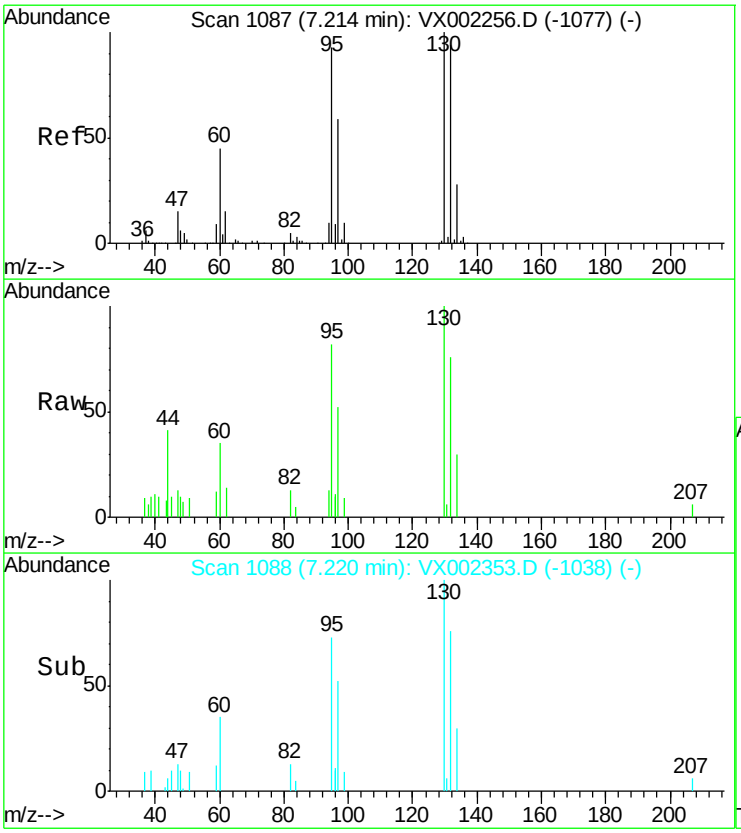
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.34 min Scan# 1108
Delta R.T. -0.12 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 27

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.0#
98	0.0	37.4	56.0#

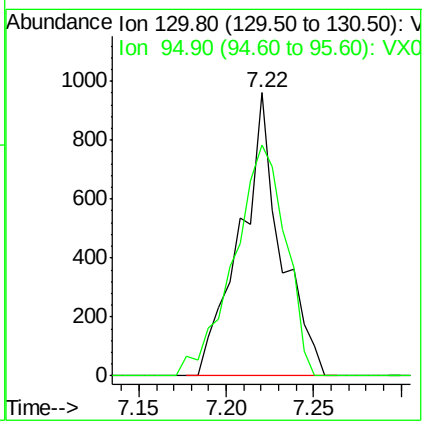


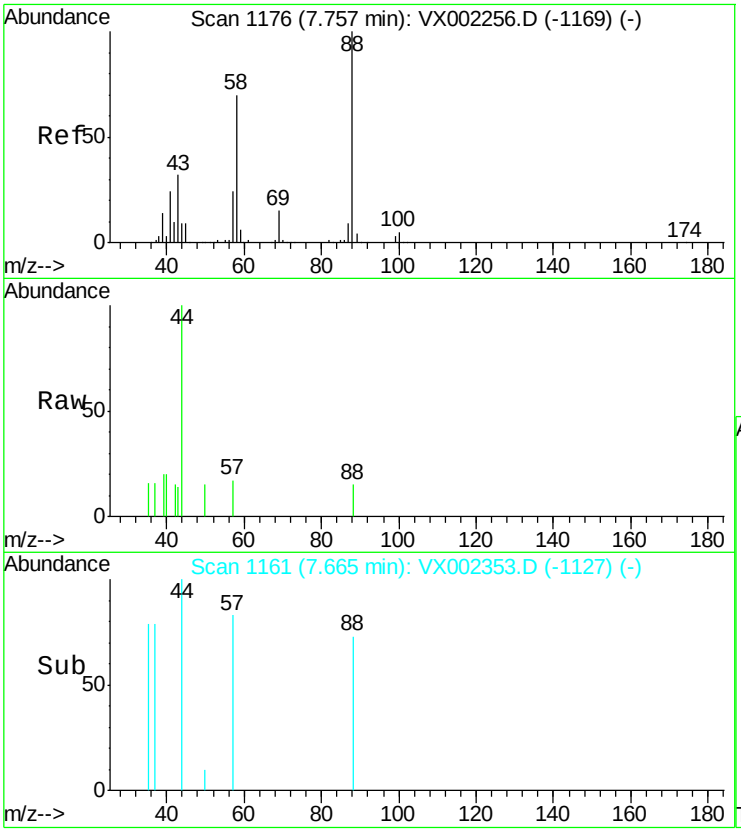


#44
Trichloroethene
Concen: 0.55 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion:130 Resp: 1553

Ion	Ratio	Lower	Upper
130	100		
95	81.6	0.0	185.4



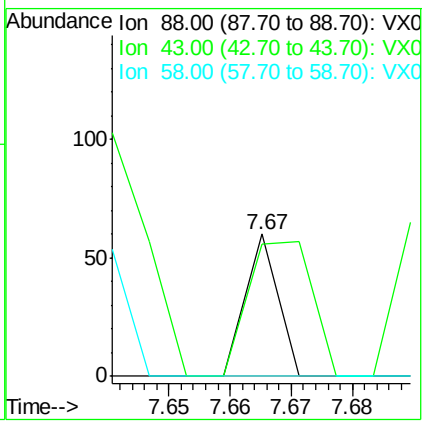


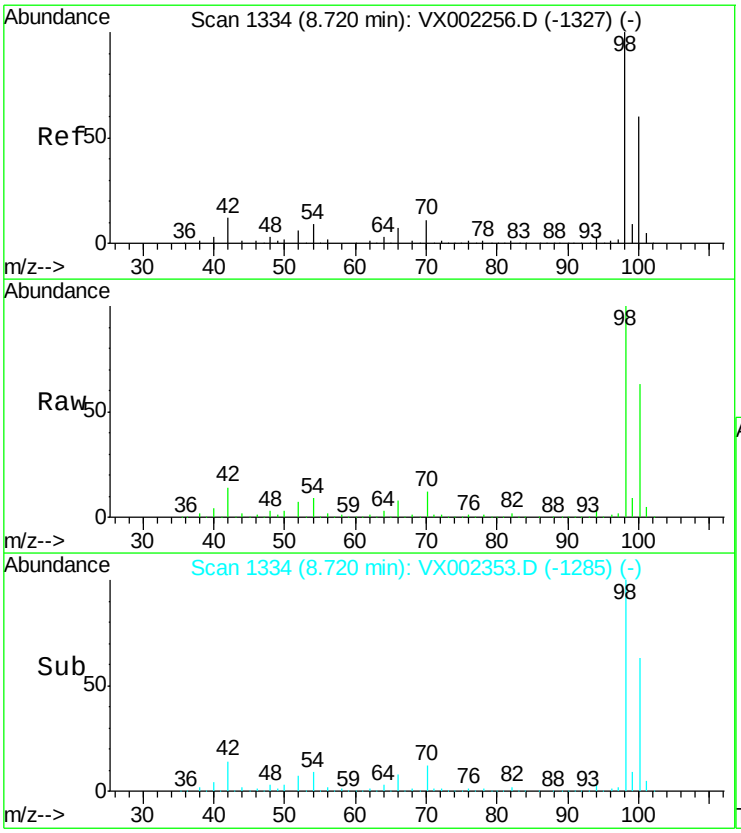
#49
1,4-Dioxane
Concen: 0.34 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.09 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	186.4	29.8	44.6#
58	0.0	57.1	85.7#

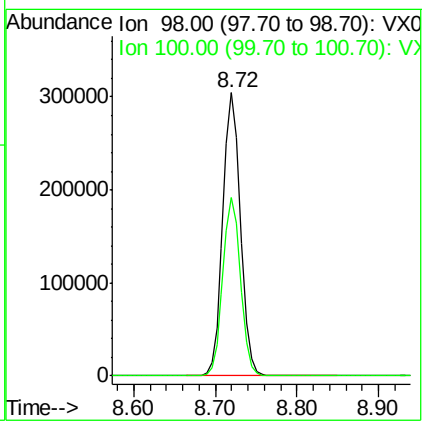


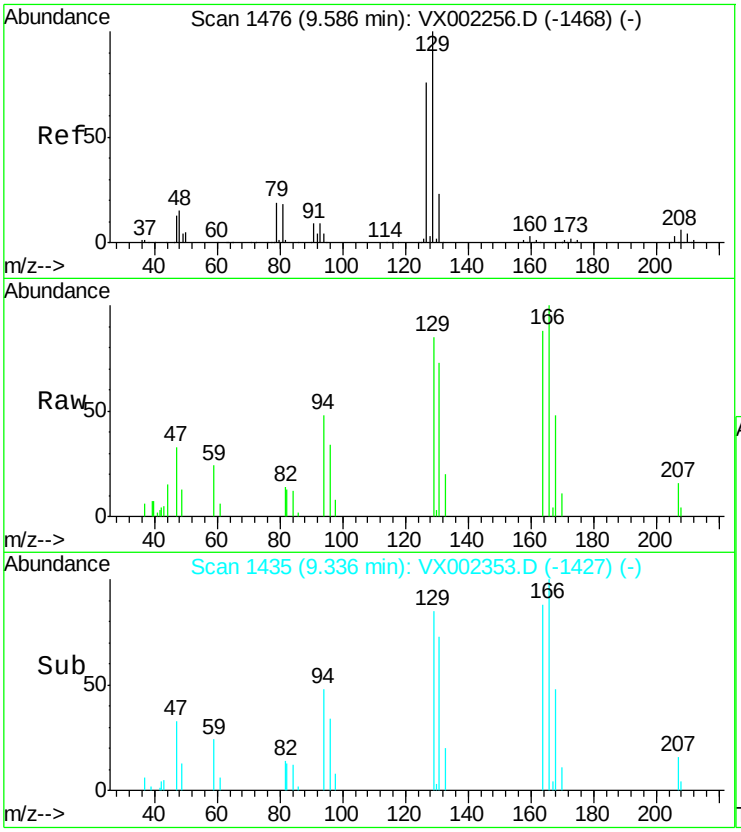


#50
Toluene-d8
Concen: 47.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 98 Resp: 456514

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



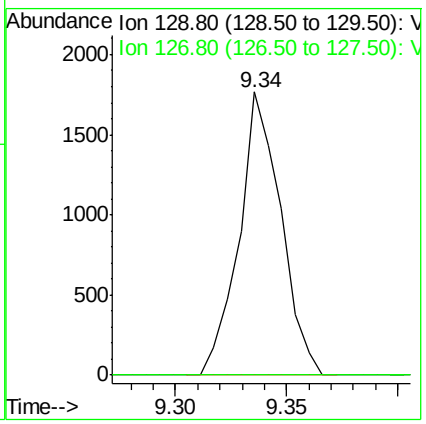


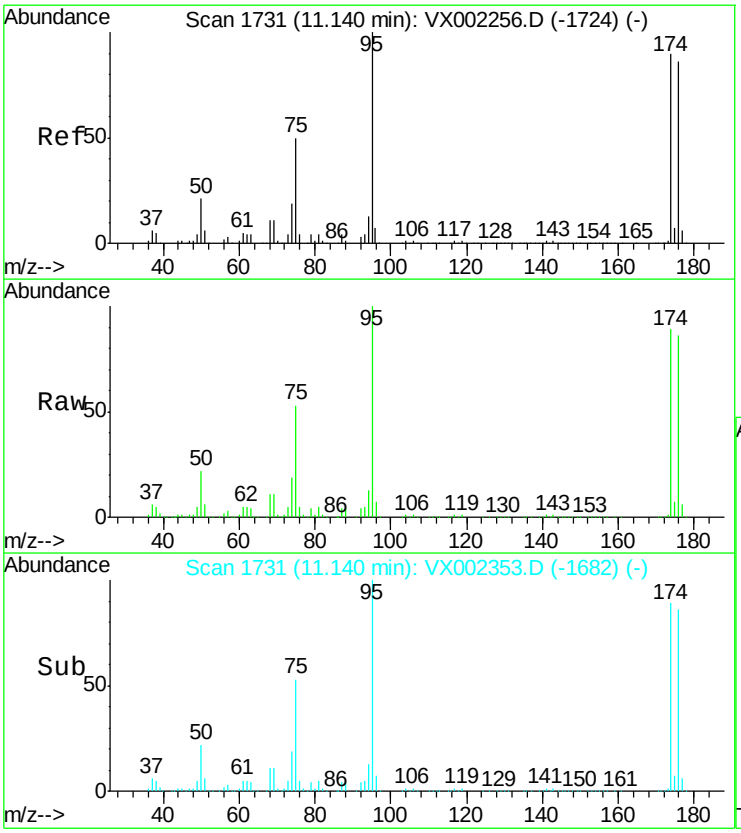
#60
Dibromochloromethane
Concen: 0.85 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 2307

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

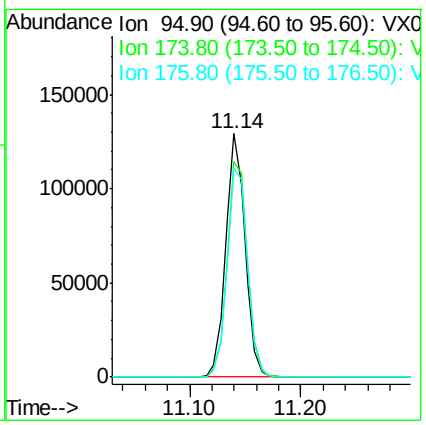


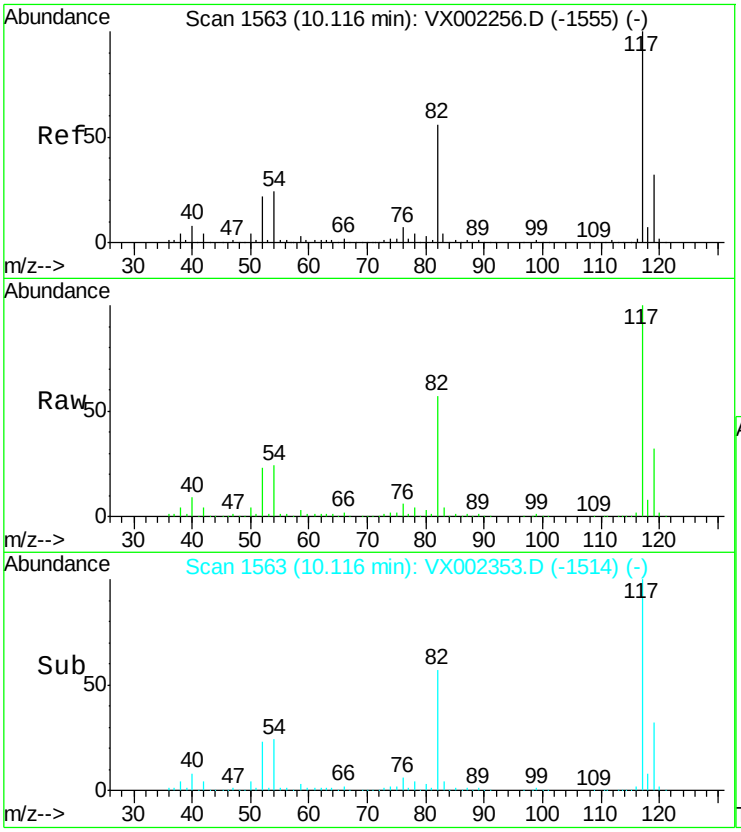


#62
4-Bromofluorobenzene
Concen: 41.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 95 Resp: 154498

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	187.4
176	90.2	0.0	181.0



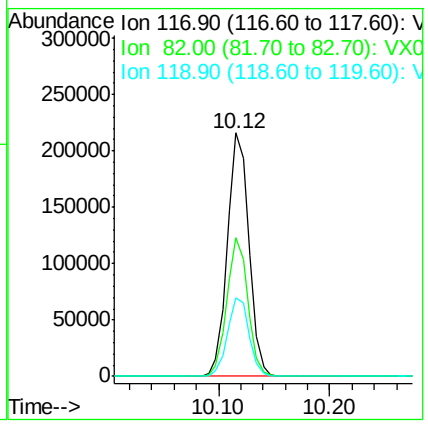


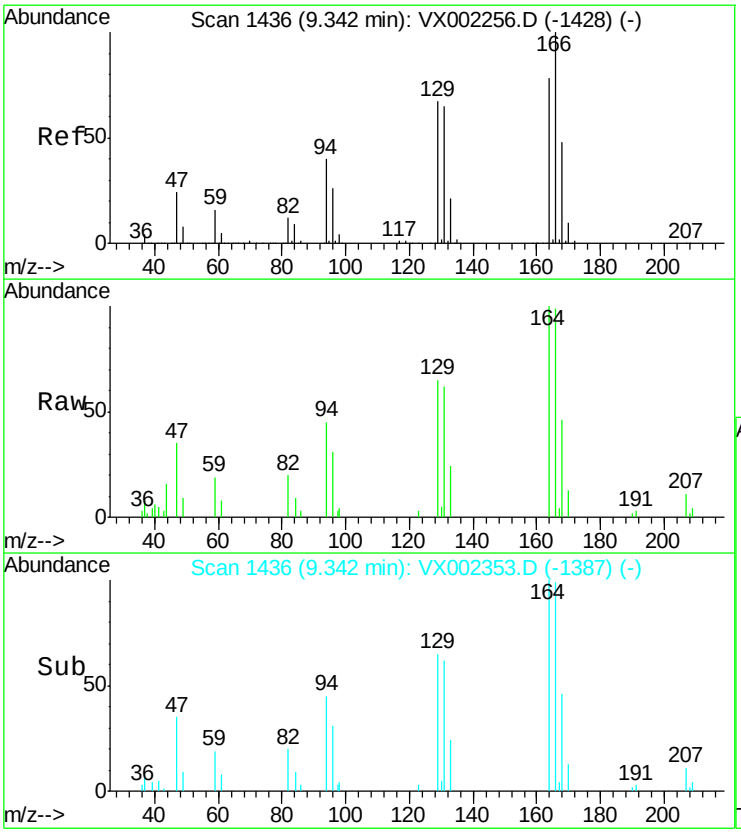
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 289018

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.2	25.8	38.6

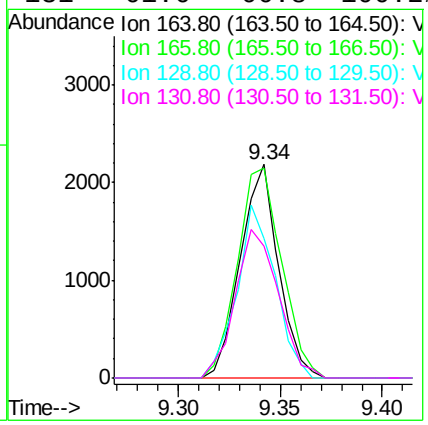


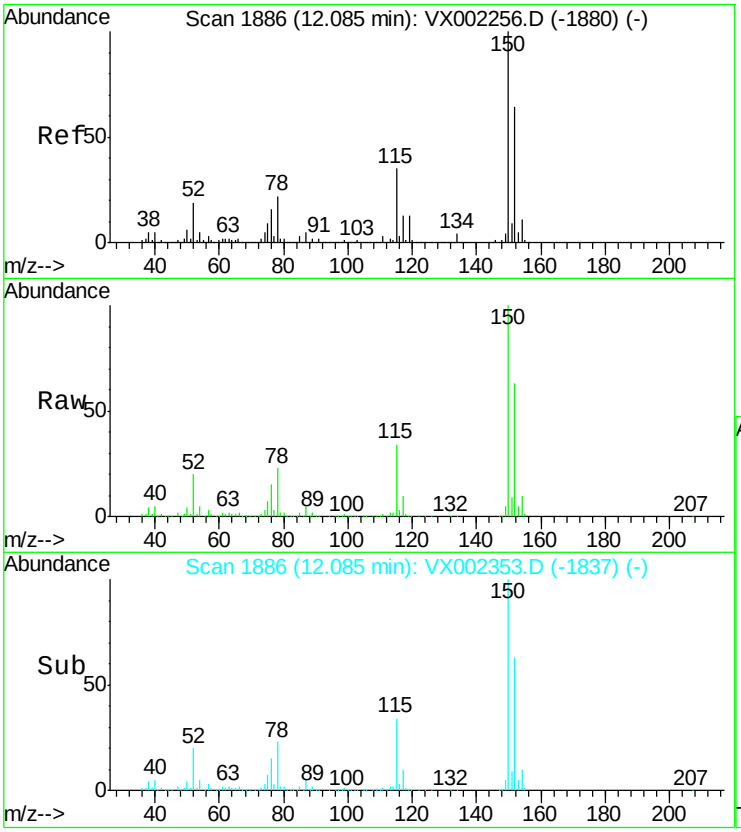


#64
Tetrachloroethene
Concen: 0.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion:164 Resp: 2844

Ion	Ratio	Lower	Upper
164	100		
166	98.6	102.9	154.3#
129	65.4	68.6	102.8#
131	61.6	66.8	100.2#



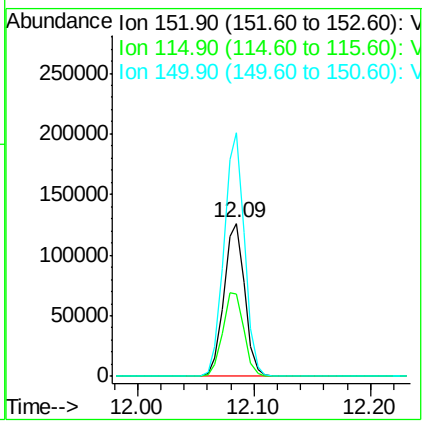


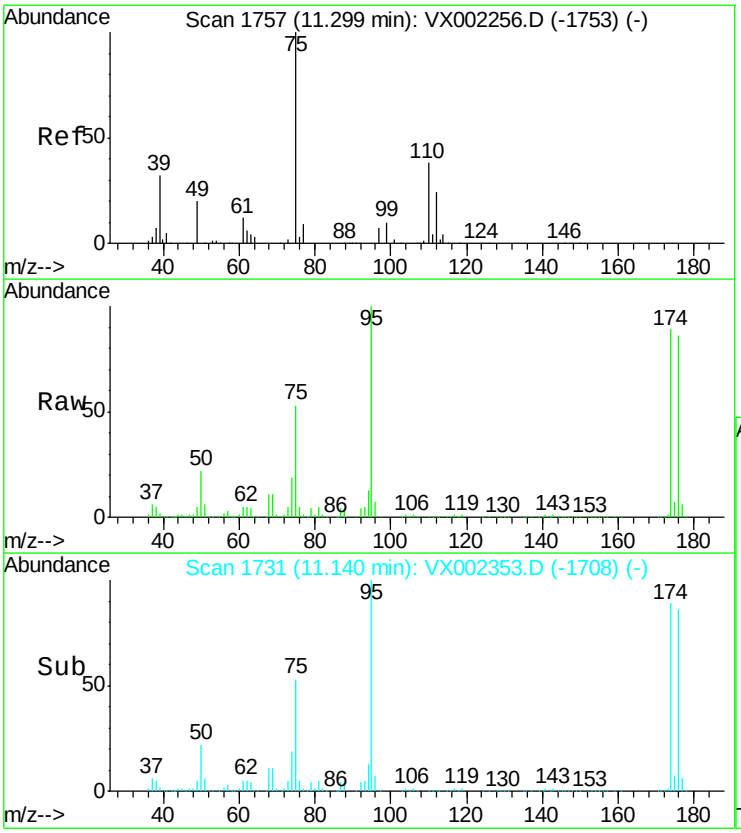
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 155045

Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	157.0	0.0	347.2

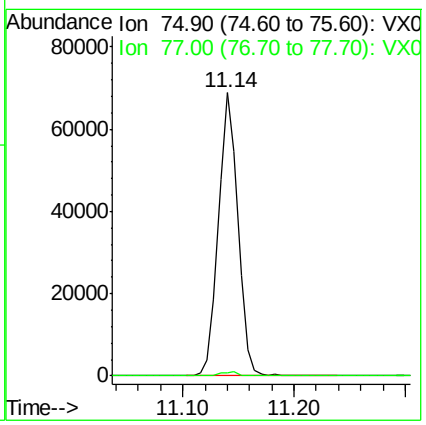


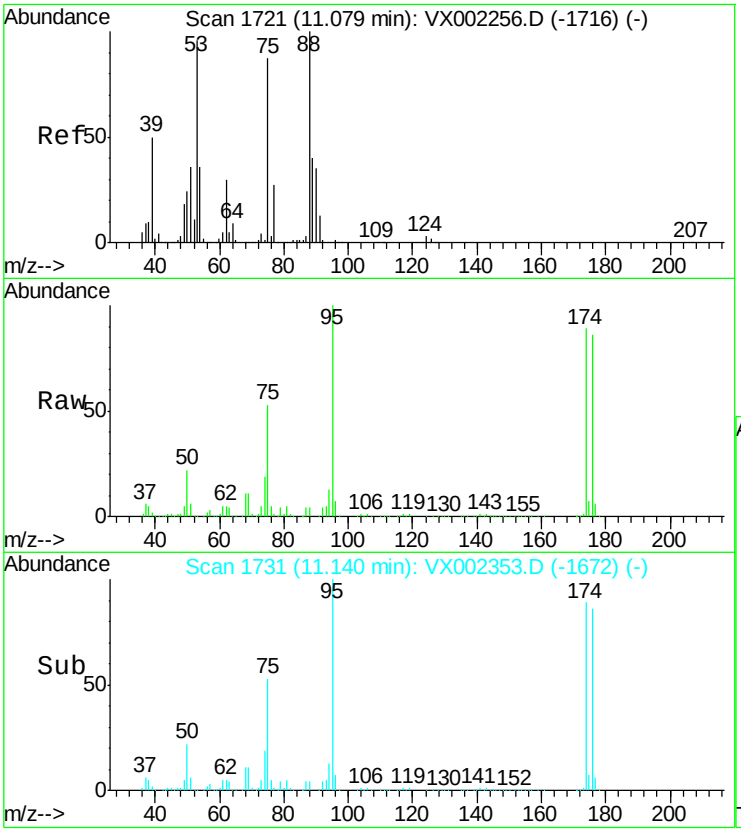


#76
1,2,3-Trichloropropane
Concen: 24.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion: 75 Resp: 83339

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 83339

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.0	38.2	57.2#