Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
Data File : VX002405.D
Acq On : 08 Jun 2018 16:43
Operator : JC/MD
Sample : J2986-10DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0459-180514DL

Quant Time: Jun 09 01:50:10 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	215652	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	314982	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	285340	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156288	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	149859	48.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.98%				
35) Dibromofluoromethane	5.51	113	112983	45.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.22%				
50) Toluene-d8	8.72	98	449750	47.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.74%				
62) 4-Bromofluorobenzene	11.14	95	153414	41.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.80%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	585	Below Cal			96
4) Vinyl Chloride	1.40	62	63087	22.33	ug/l		98
5) Bromomethane	1.67	94	1577	Below Cal			81
6) Chloroethane	1.73	64	2451	1.34	ug/l	#	68
8) Diethyl Ether	2.18	74	225	Below Cal			78
10) Methyl Iodide	2.52	142	1758	0.54	ug/l	#	94
11) Tert butyl alcohol	3.03	59	1621	Below Cal		#	68
13) Acrolein	2.29	56	316	Below Cal		#	37
15) Acrylonitrile	3.15	53	136	Below Cal		#	70
16) Acetone	2.45	43	884	Below Cal			96
18) Methyl Acetate	2.79	43	535	Below Cal		#	63
19) Methyl tert-butyl Ether	3.14	73	95	Below Cal		#	1
20) Methylene Chloride	2.86	84	745	Below Cal		#	72
21) trans-1,2-Dichloroethene	3.17	96	1421	0.56	ug/l		83
22) Diisopropyl ether	3.89	45	135	Below Cal		#	38
27) cis-1,2-Dichloroethene	4.60	96	145750	52.94	ug/l		84
28) Bromochloromethane	5.01	49	21	Below Cal		#	13
29) Tetrahydrofuran	5.17	42	391	0.29	ug/l	#	53
31) Cyclohexane	5.67	56	4774	1.23	ug/l	#	26
36) 1,1-Dichloropropene	5.67	75	15318	4.63	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20448	5.90	ug/l	#	15
39) Methylcyclohexane	7.46	83	230	0.32	ug/l	#	73
49) 1,4-Dioxane	7.61	88	52	0.82	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	83433	24.33	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	83433	85.28	ug/l	#	7

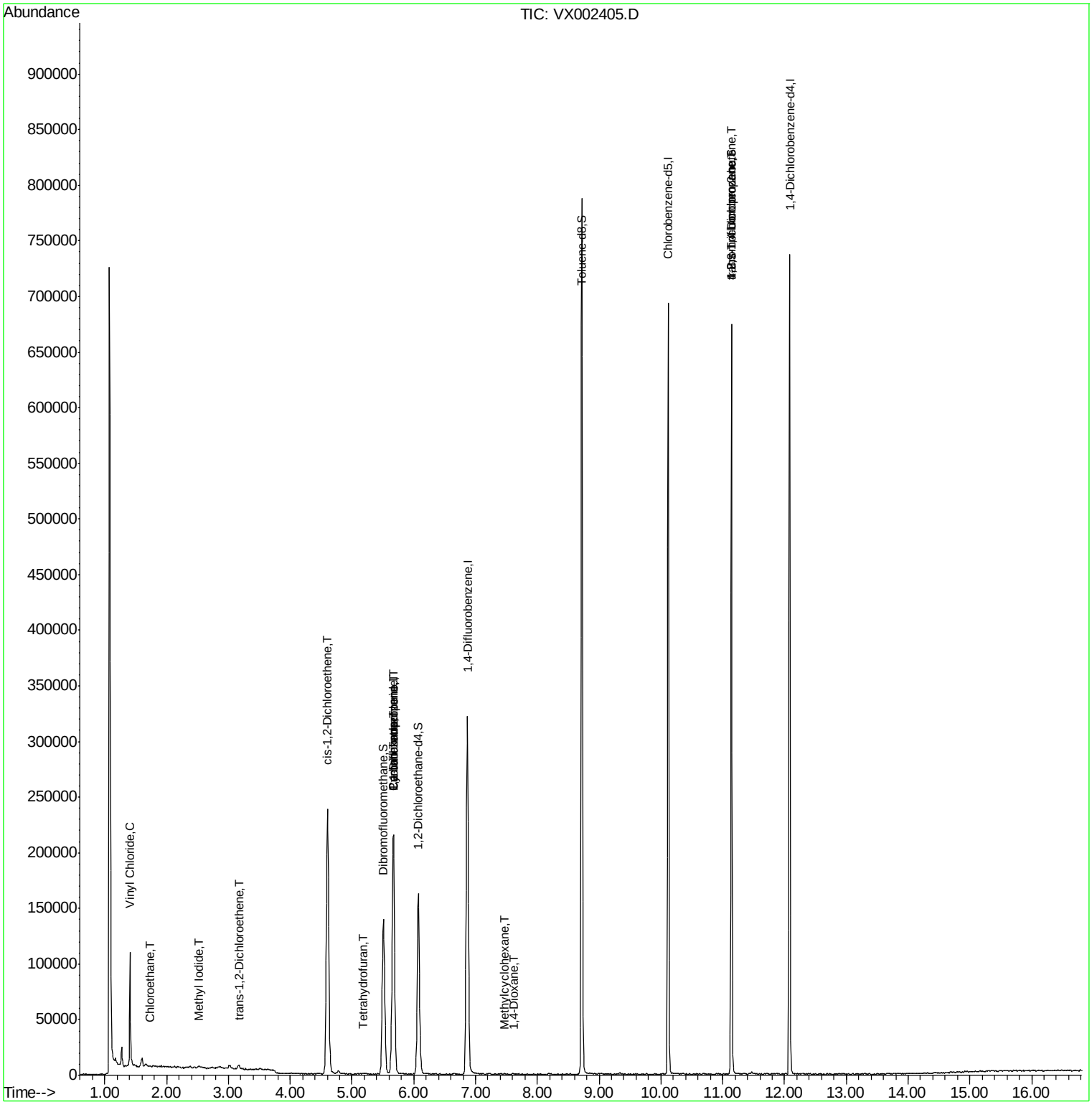
(#) = qualifier out of range (m) = manual integration (+) = signals summed

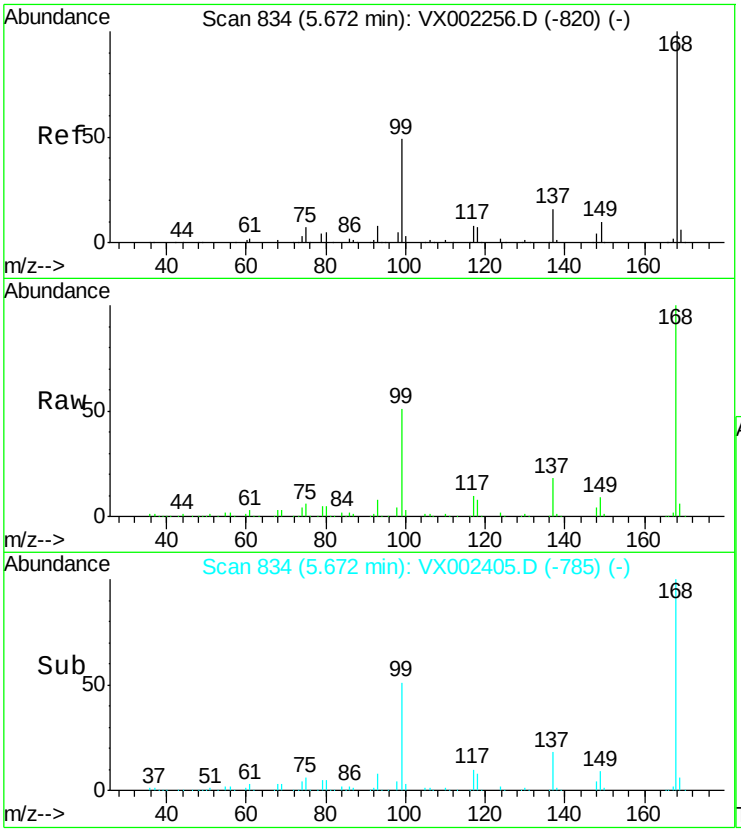
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
Data File : VX002405.D
Acq On : 08 Jun 2018 16:43
Operator : JC/MD
Sample : J2986-10DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Quant Time: Jun 09 01:50:10 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



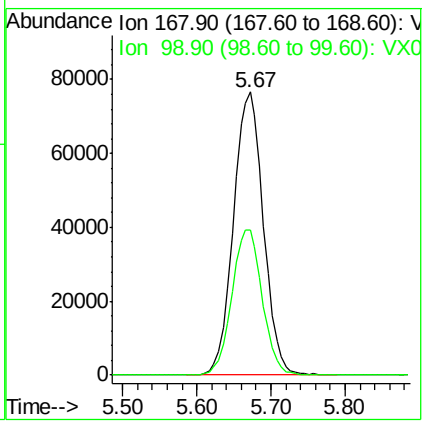


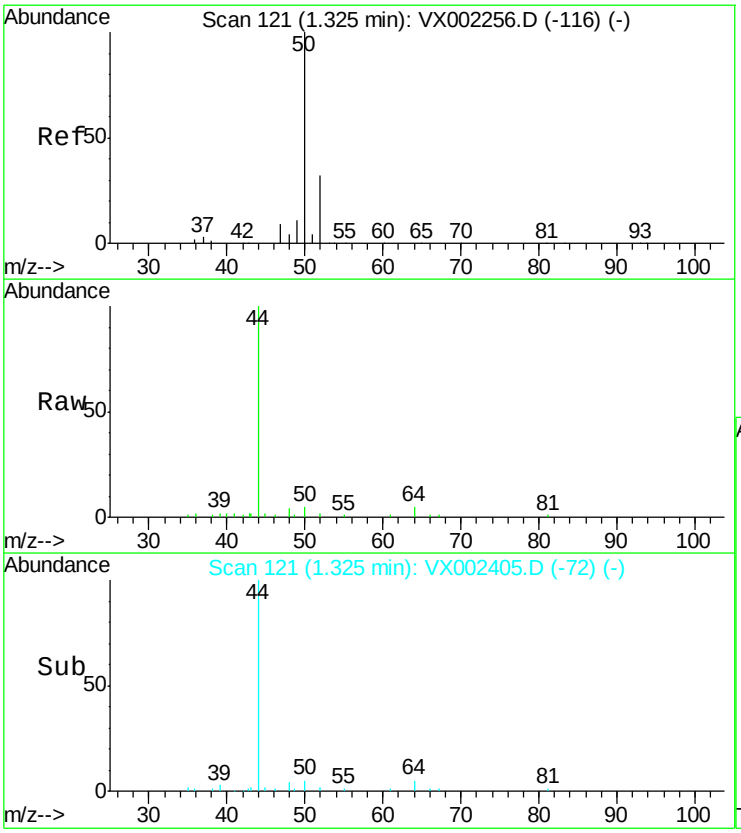
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion:168 Resp: 215652

Ion	Ratio	Lower	Upper
168	100		
99	51.1	39.3	58.9

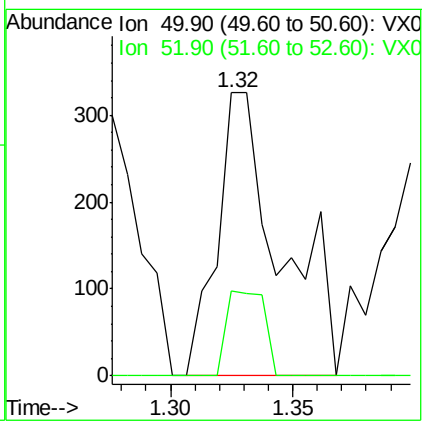


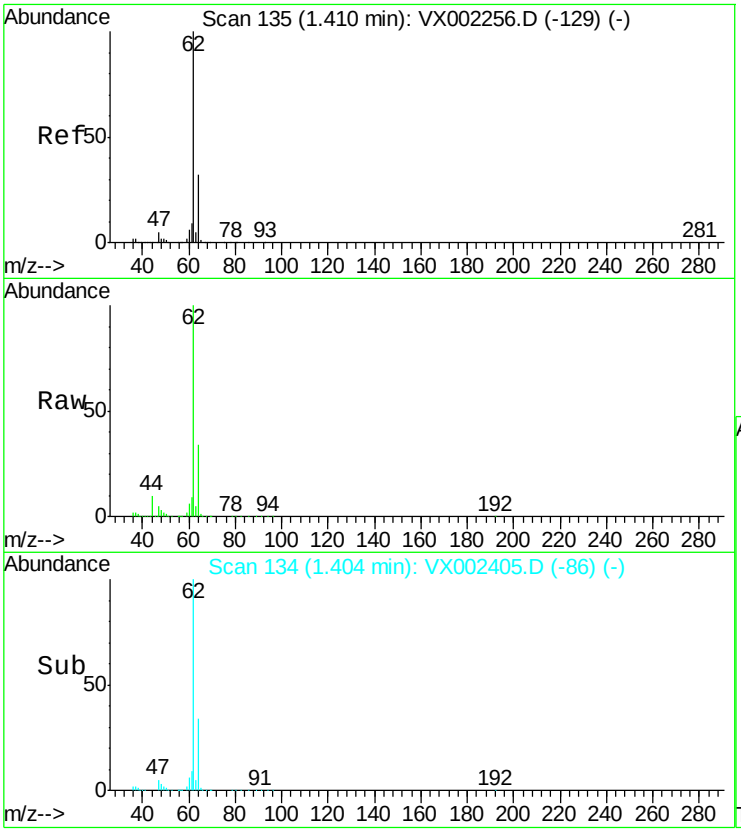


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 50 Resp: 585

Ion	Ratio	Lower	Upper
50	100		
52	29.8	25.7	38.5



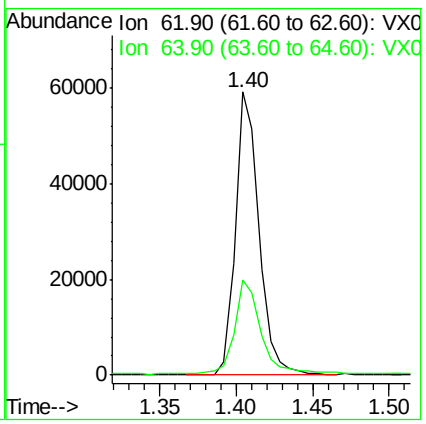


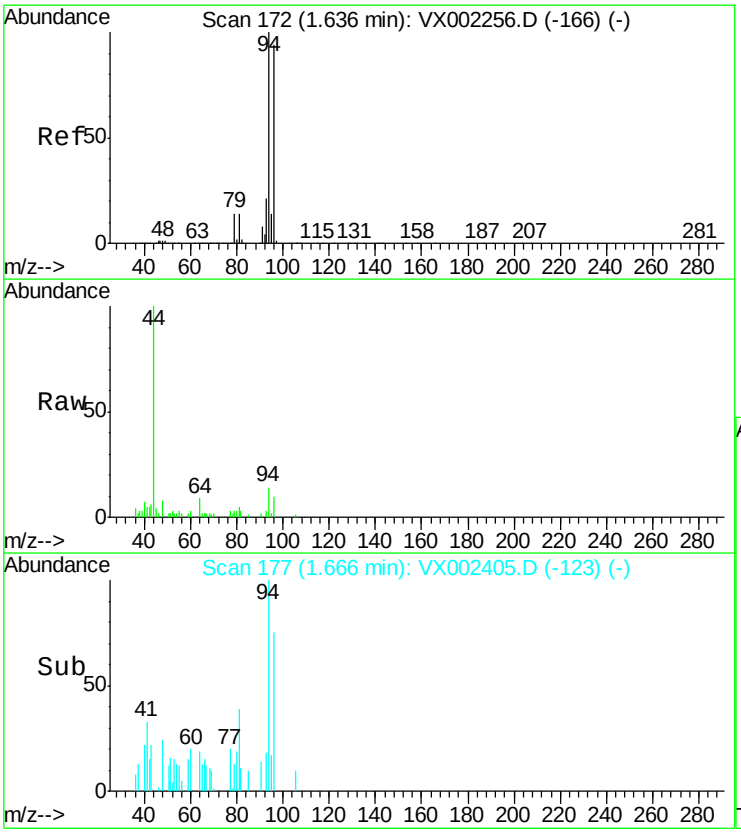
#4
Vinyl Chloride
Concen: 22.33 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 62 Resp: 63087

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.4	38.2

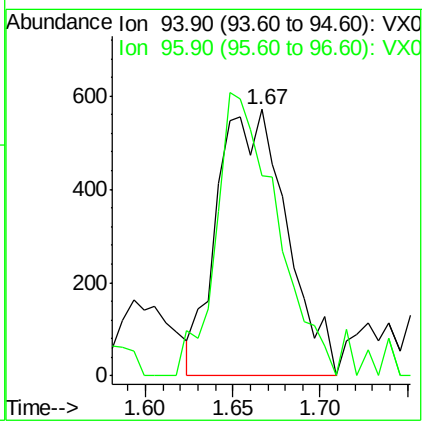


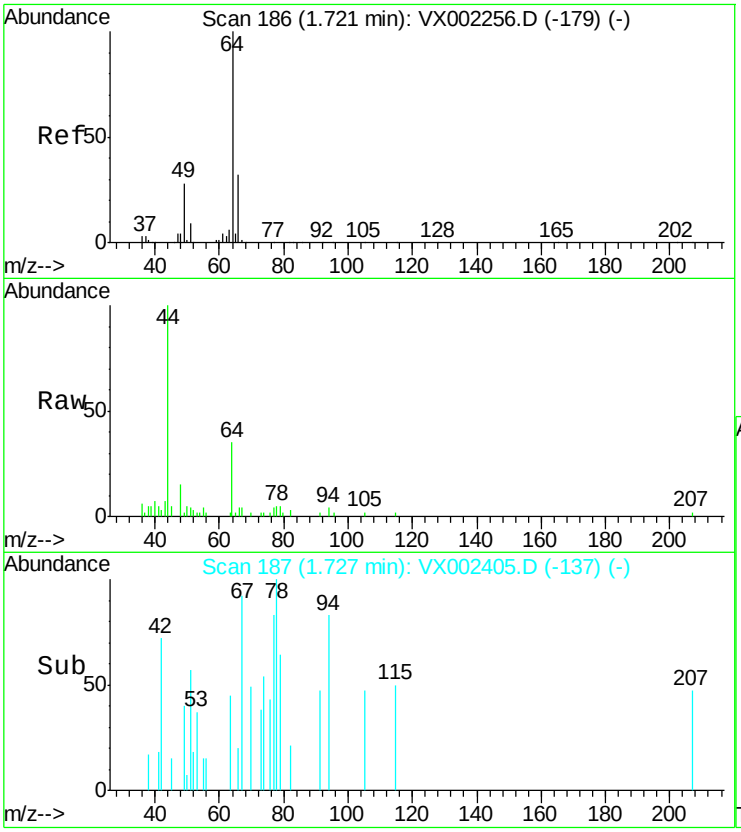


#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 94 Resp: 1577

Ion	Ratio	Lower	Upper
94	100		
96	75.1	74.9	112.3



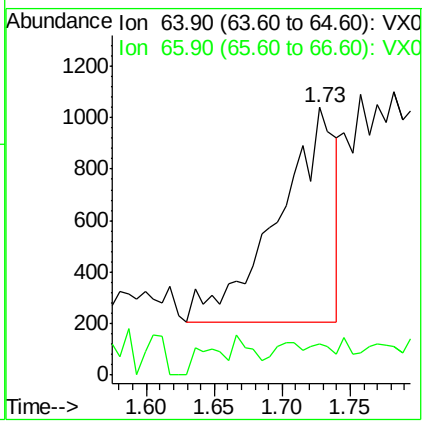


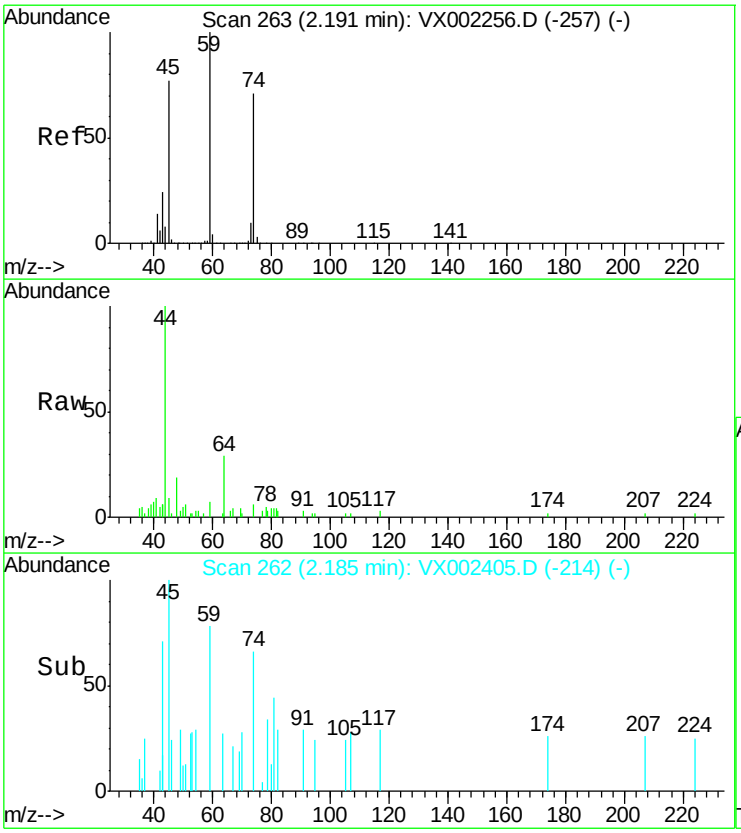
#6
Chloroethane
Concen: 1.34 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 64 Resp: 2451

Ion	Ratio	Lower	Upper
64	100		
66	14.3	25.5	38.3#

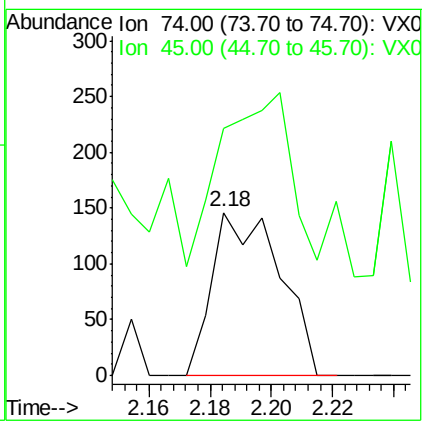


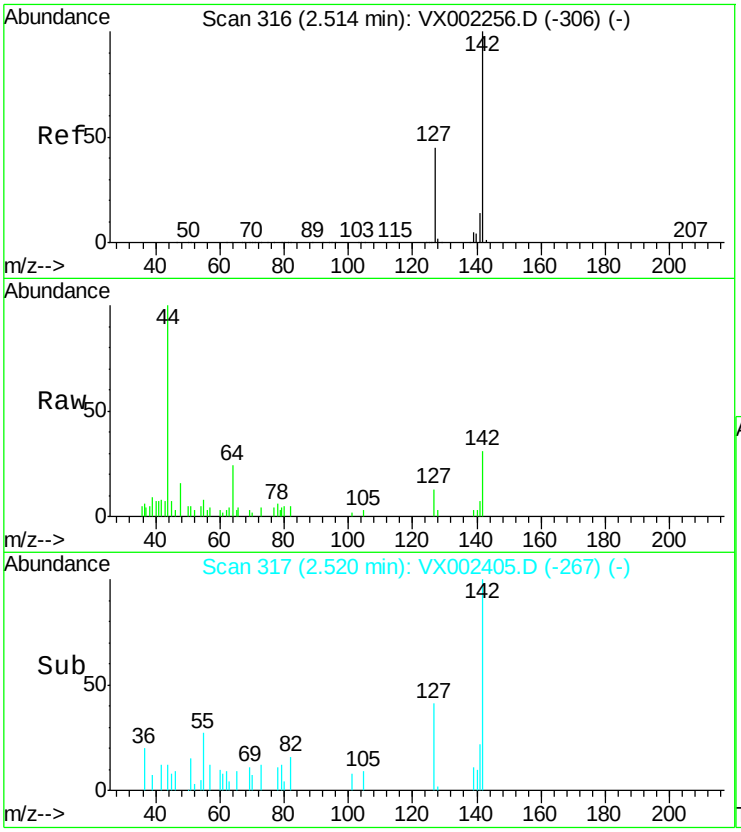


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 74 Resp: 225

Ion	Ratio	Lower	Upper
74	100		
45	129.3	53.1	159.4



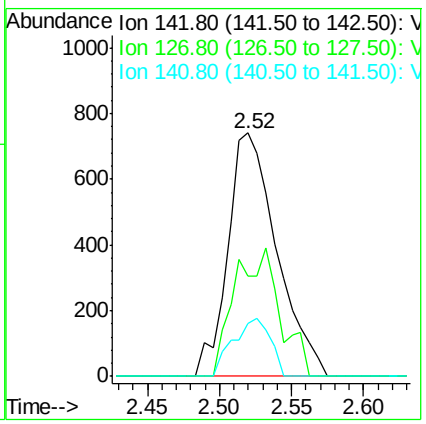


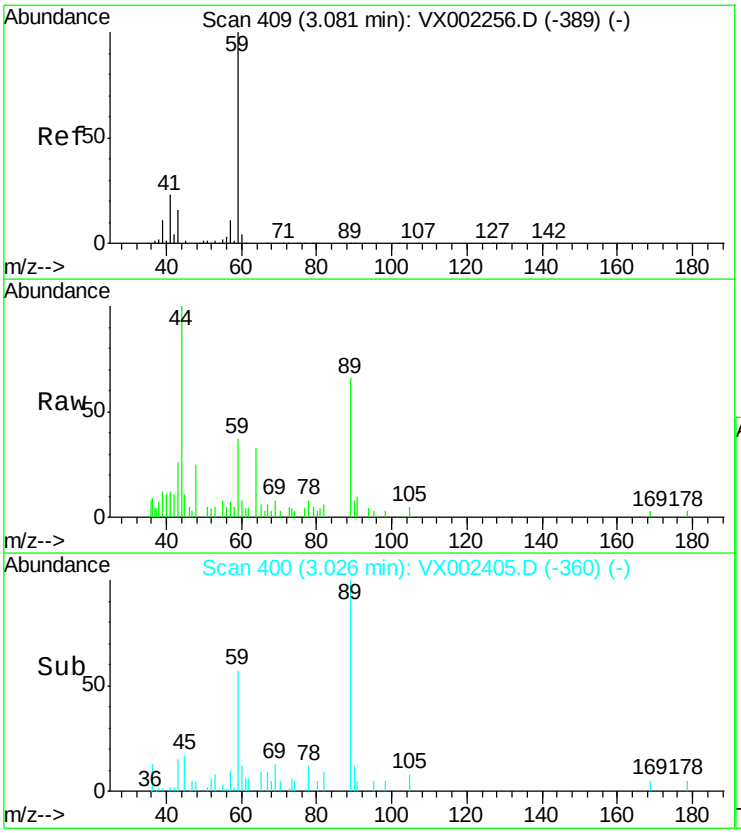
#10
Methyl Iodide
Concen: 0.54 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion:142 Resp: 1758

Ion	Ratio	Lower	Upper
142	100		
127	48.9	36.6	55.0
141	18.2	11.3	16.9#

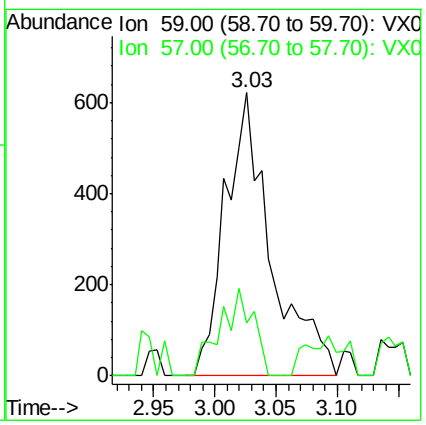


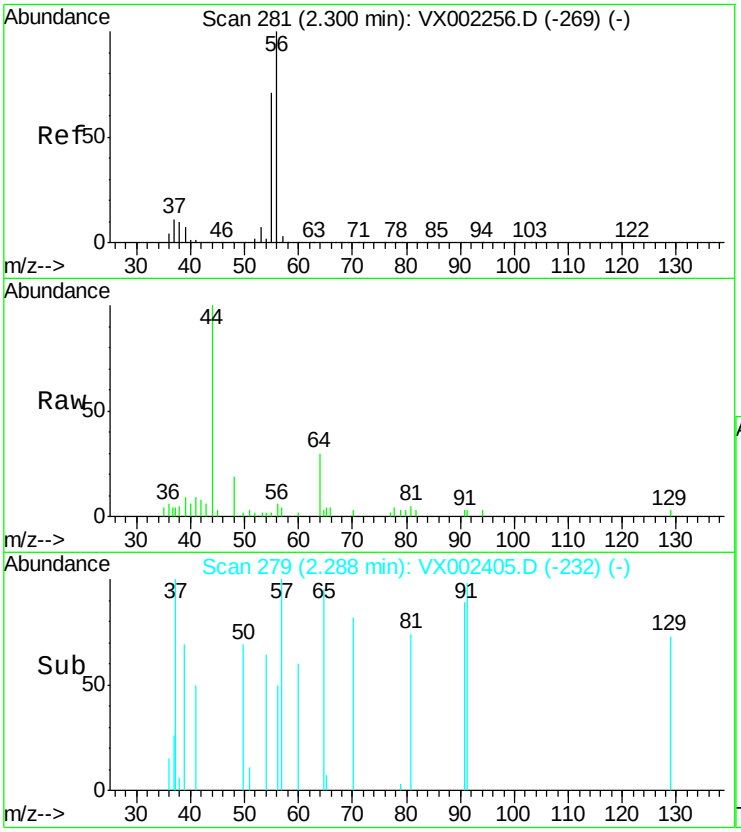


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 59 Resp: 1621

Ion	Ratio	Lower	Upper
59	100		
57	22.2	8.2	12.2#



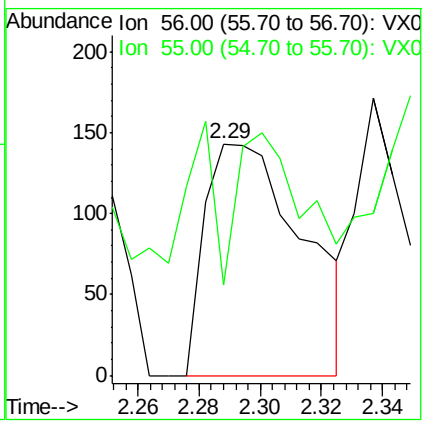


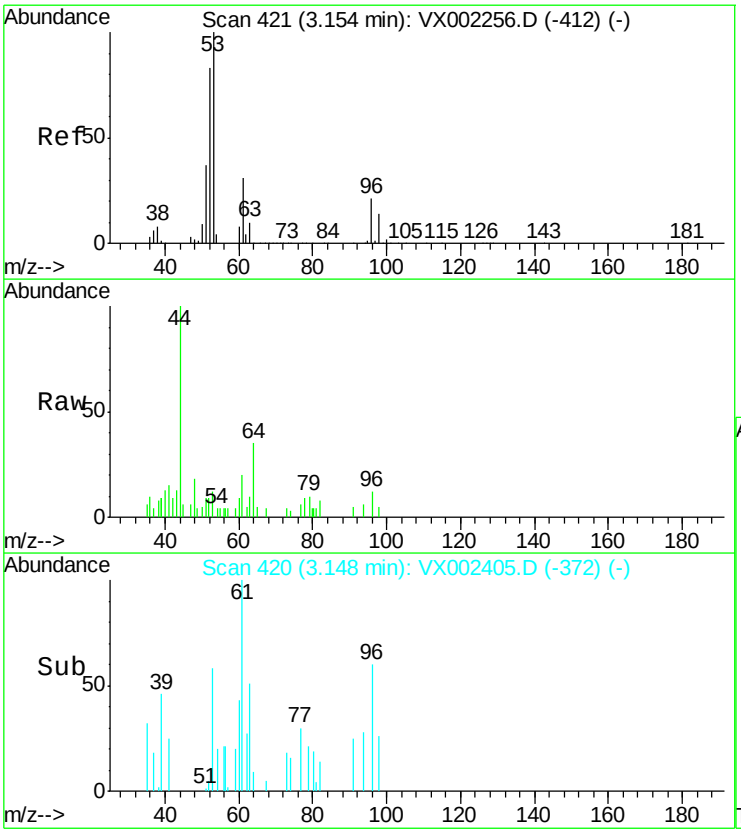
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 56 Resp: 316

Ion	Ratio	Lower	Upper
56	100		
55	18.7	57.0	85.4#

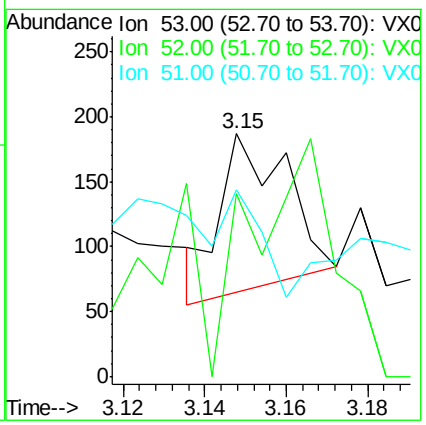


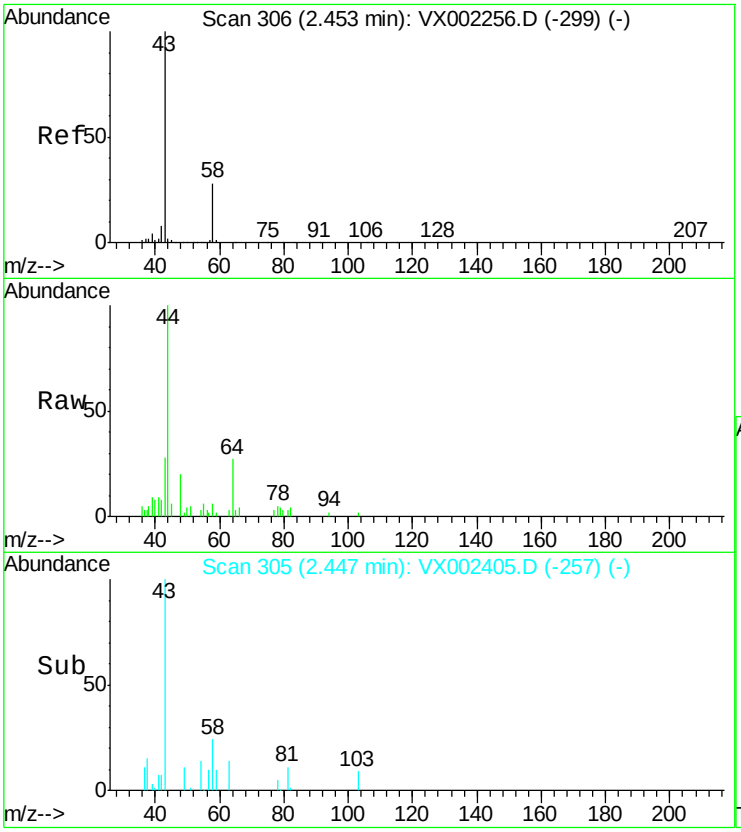


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 53 Resp: 136

Ion	Ratio	Lower	Upper
53	100		
52	97.8	66.7	100.1
51	0.0	29.9	44.9#



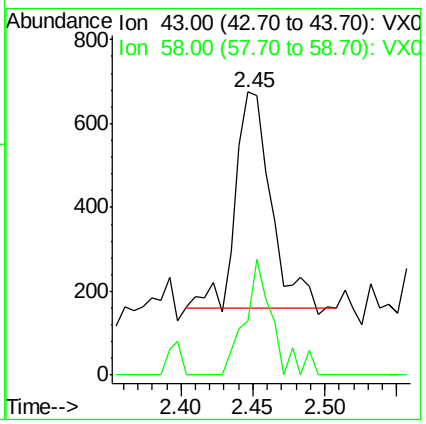


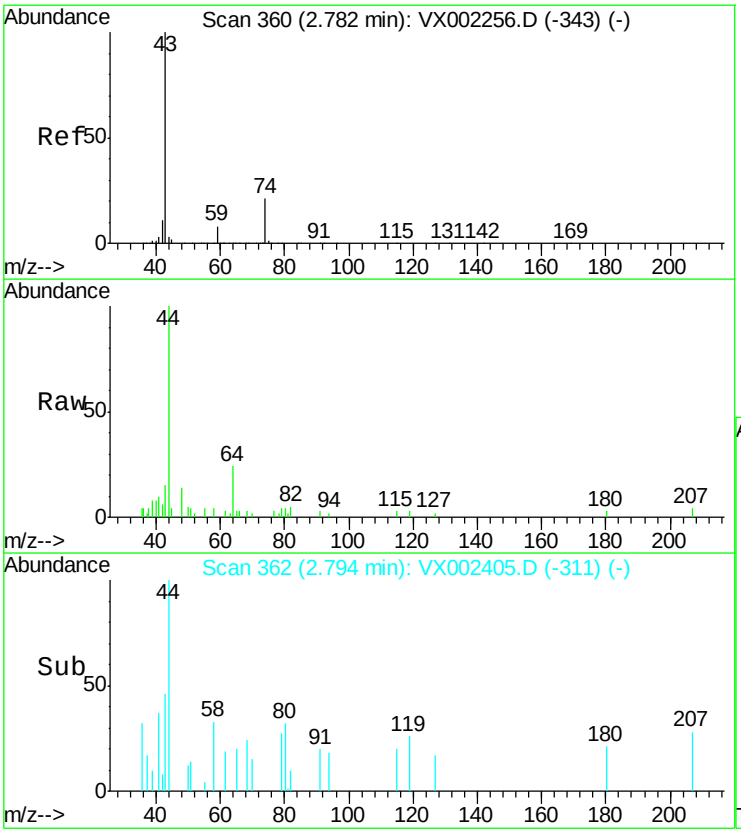
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 43 Resp: 884

Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.1	33.1

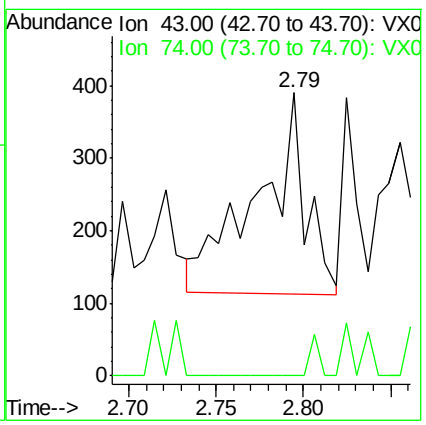


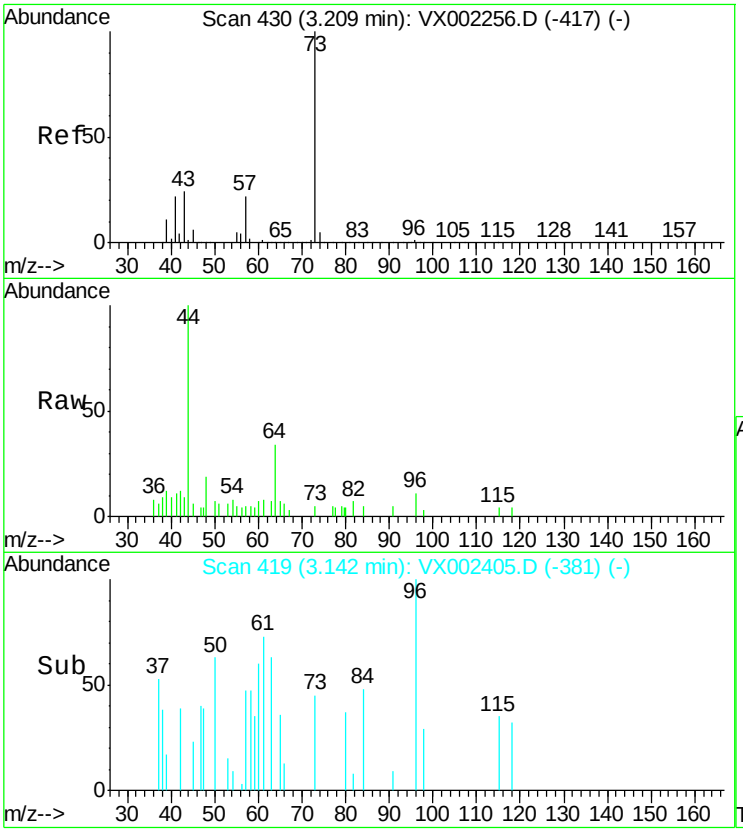


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 43 Resp: 535

Ion	Ratio	Lower	Upper
43	100		
74	3.7	16.7	25.1#



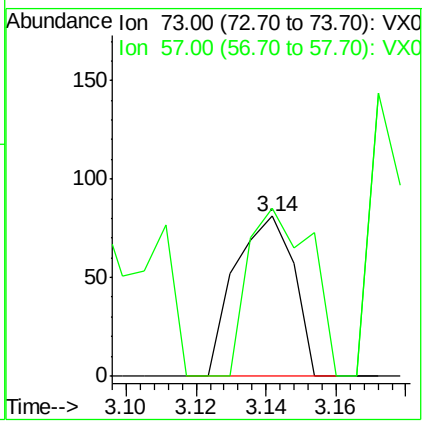


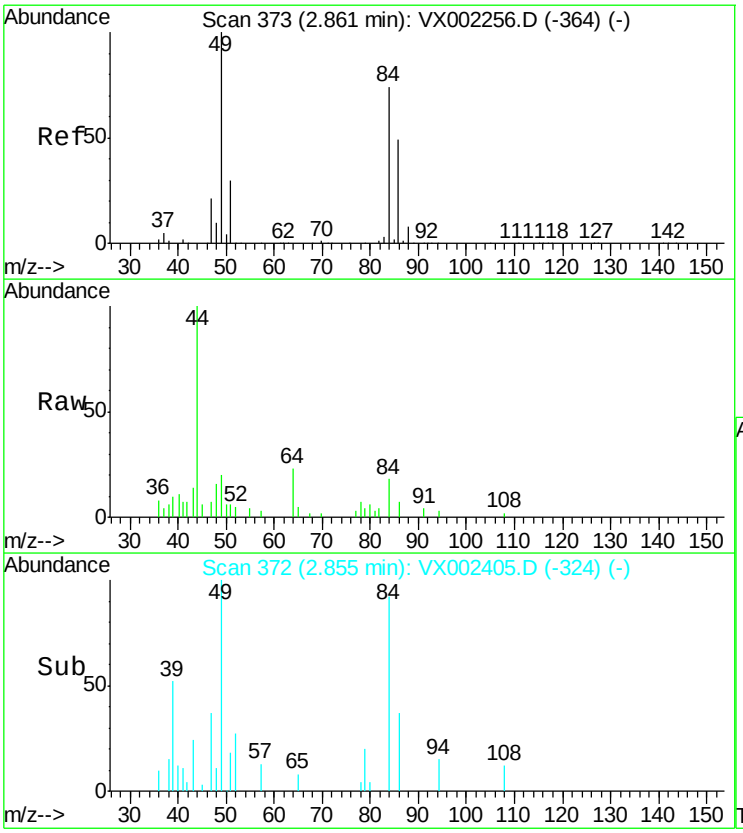
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.07 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 73 Resp: 95

Ion	Ratio	Lower	Upper
73	100		
57	104.9	17.7	26.5#

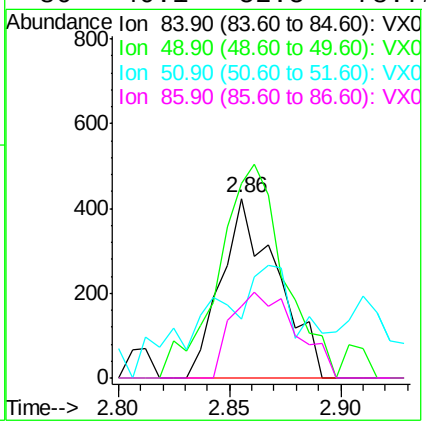


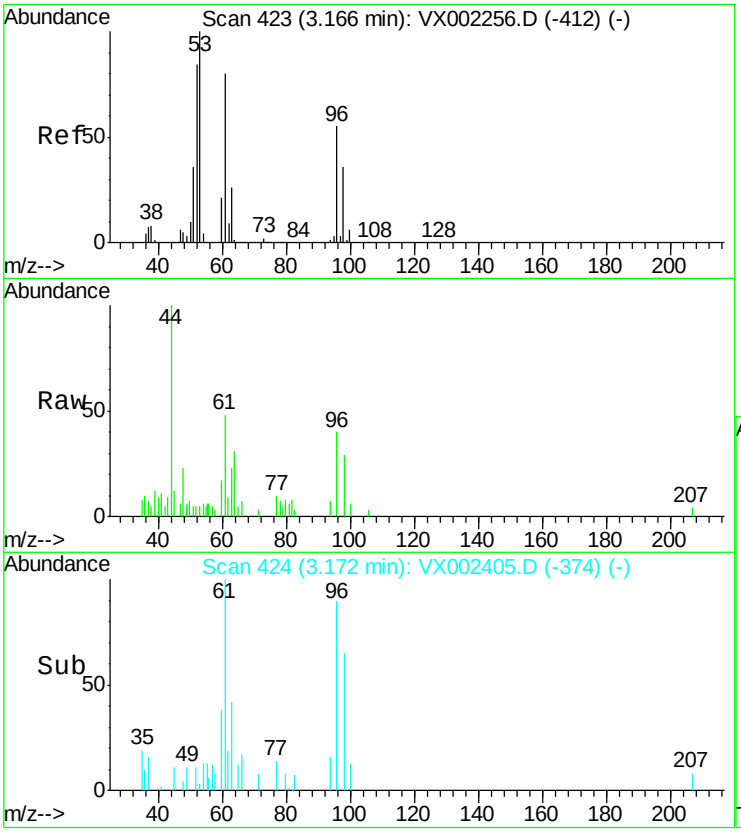


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 84 Resp: 745

Ion	Ratio	Lower	Upper
84	100		
49	108.3	107.8	161.6
51	17.0	32.8	49.2#
86	40.1	52.5	78.7#



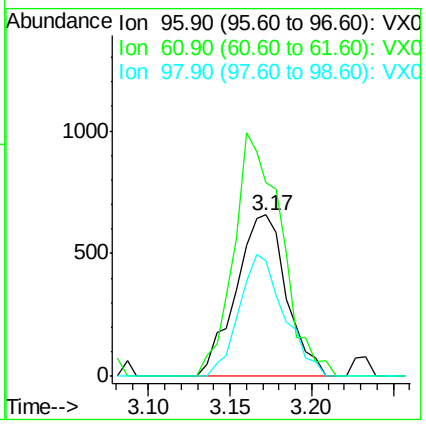


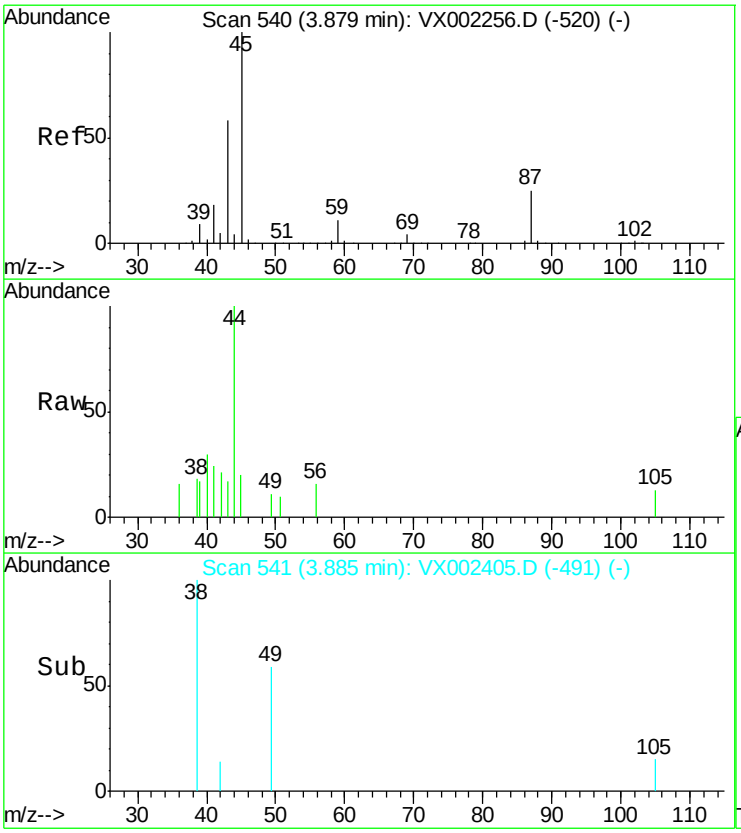
#21
trans-1,2-Dichloroethene
Concen: 0.56 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 96 Resp: 1421

Ion	Ratio	Lower	Upper
96	100		
61	119.8	117.0	175.4
98	72.0	52.4	78.6

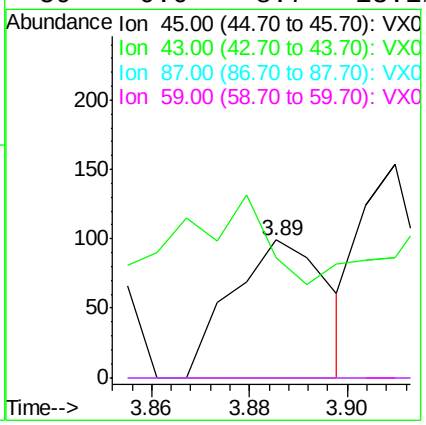


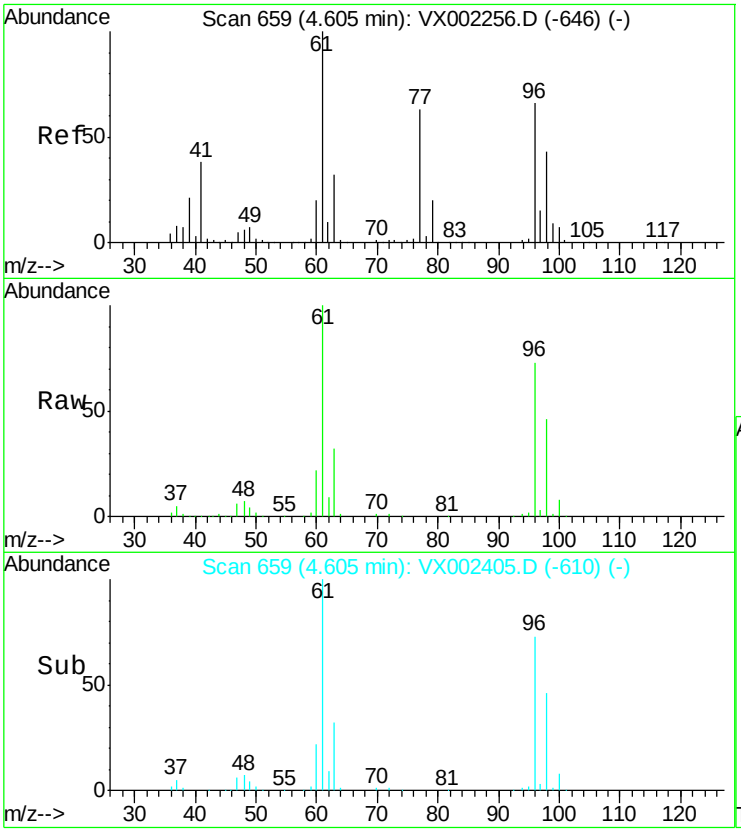


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 45 Resp: 135

Ion	Ratio	Lower	Upper
45	100		
43	4.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



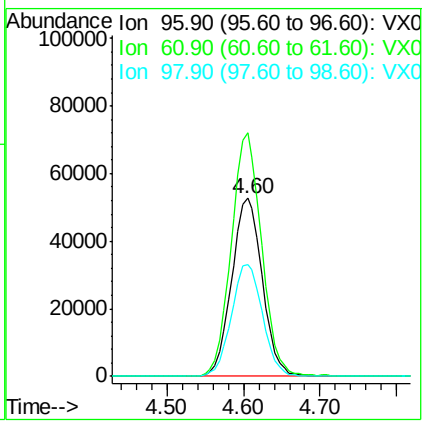


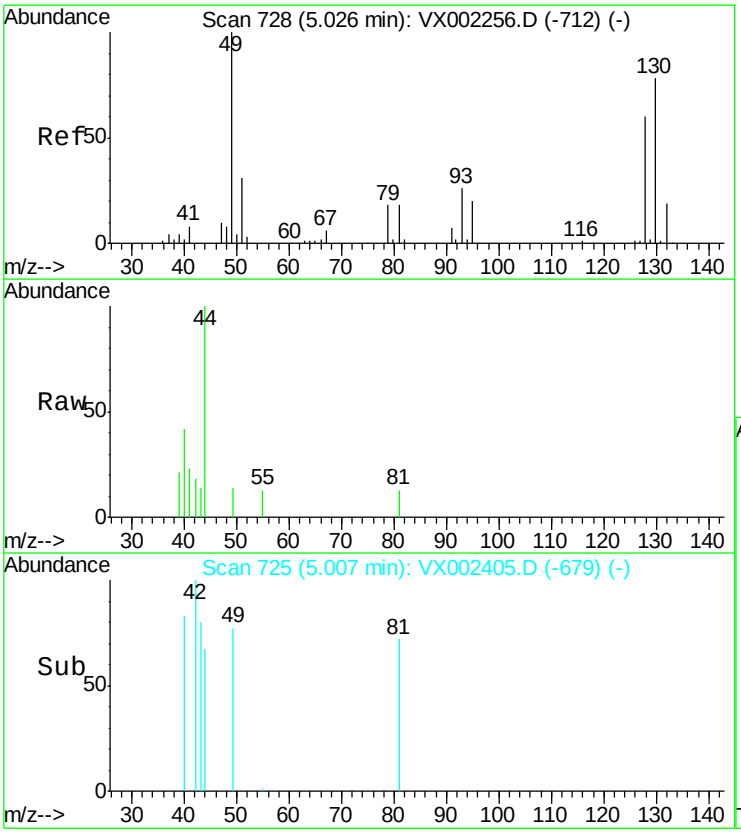
#27
cis-1,2-Dichloroethene
Concen: 52.94 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 96 Resp: 145750

Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	330.2
98	63.9	0.0	130.2

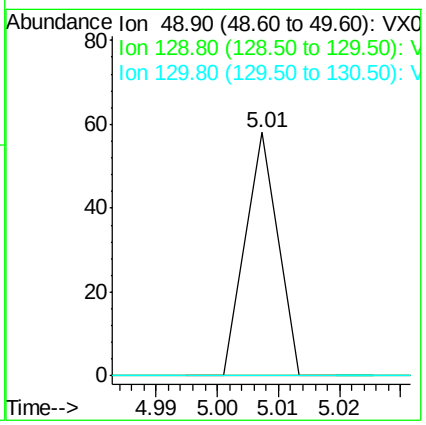


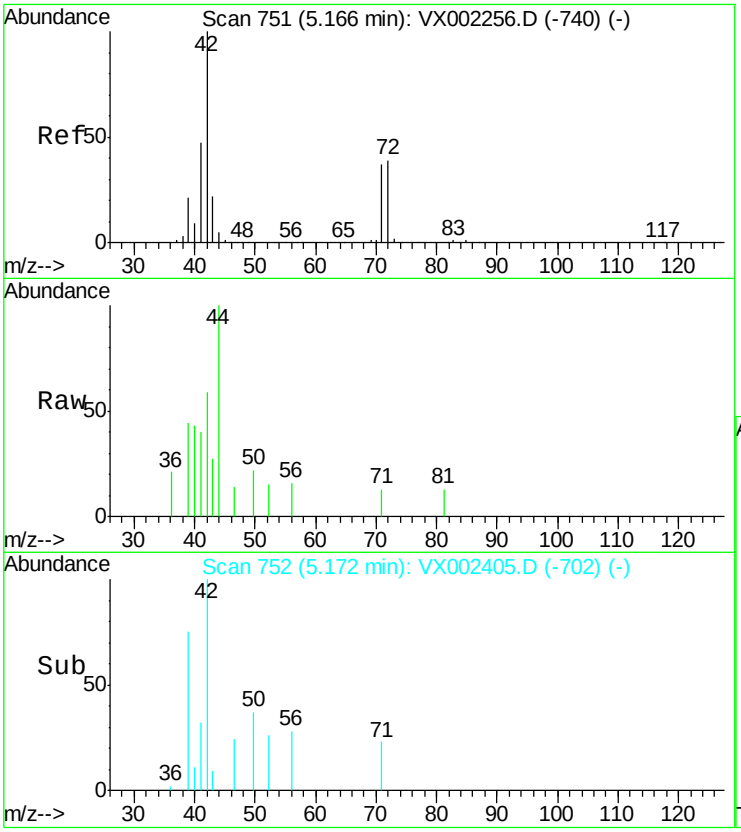


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 49 Resp: 21

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



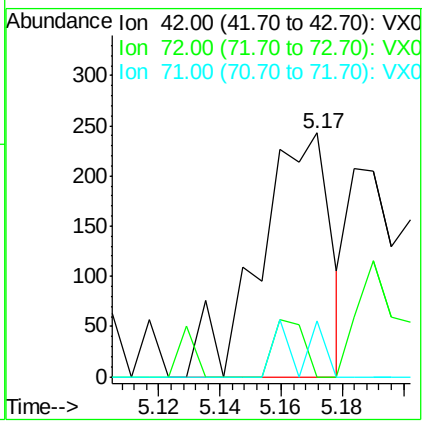


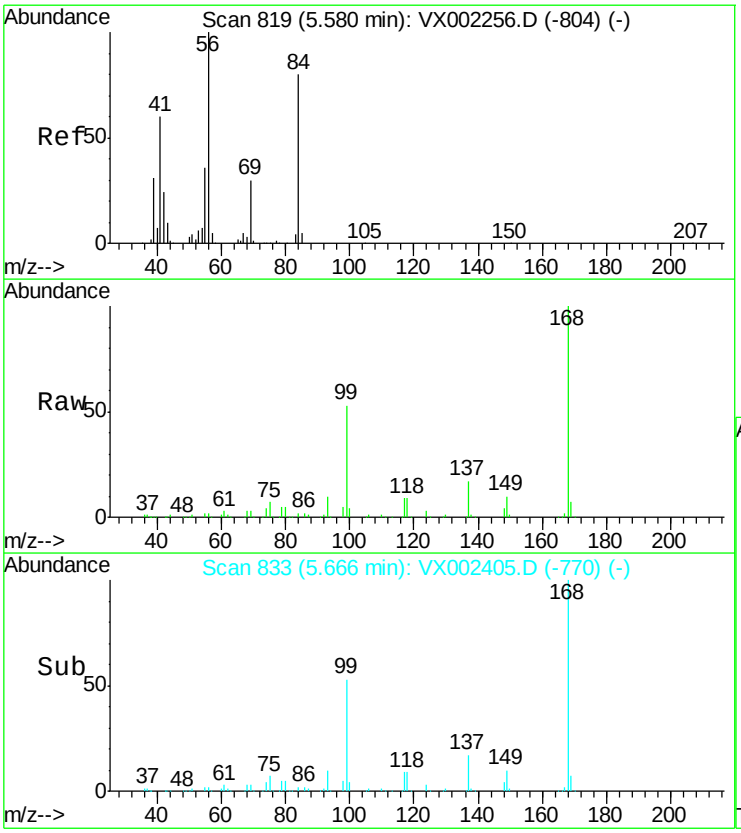
#29
Tetrahydrofuran
Concen: 0.29 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 42 Resp: 391

Ion	Ratio	Lower	Upper
42	100		
72	10.2	32.0	48.0#
71	10.5	30.1	45.1#

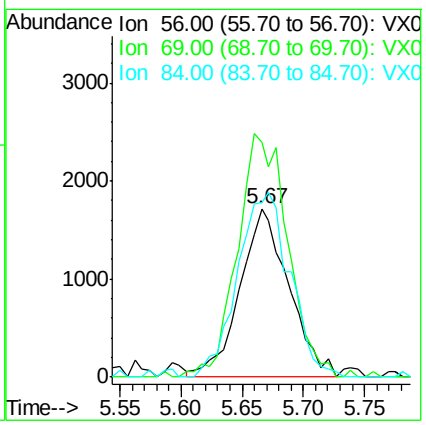


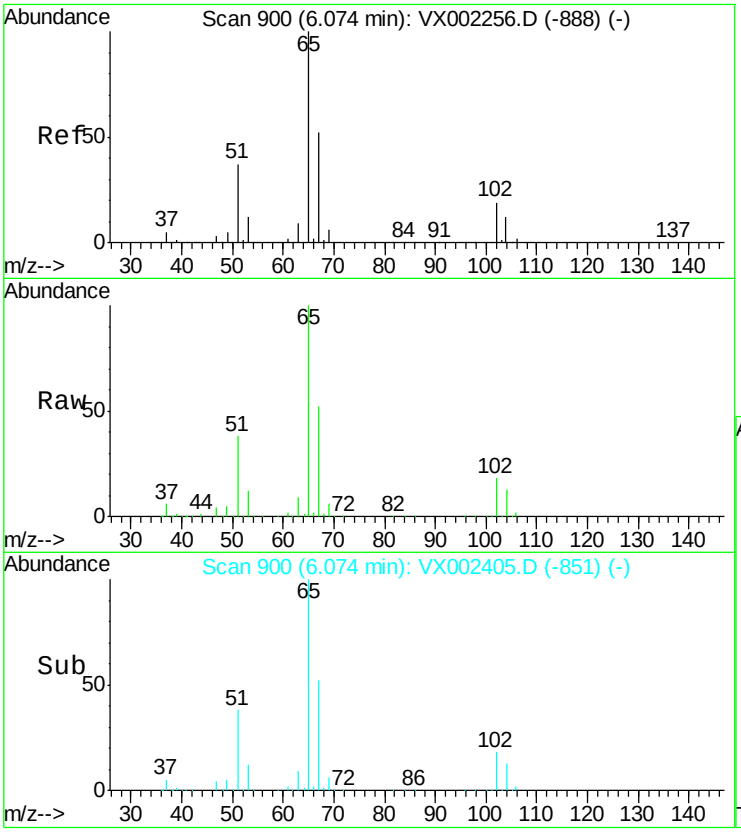


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 56 Resp: 4774

Ion	Ratio	Lower	Upper
56	100		
69	138.9	23.7	35.5#
84	103.5	64.1	96.1#



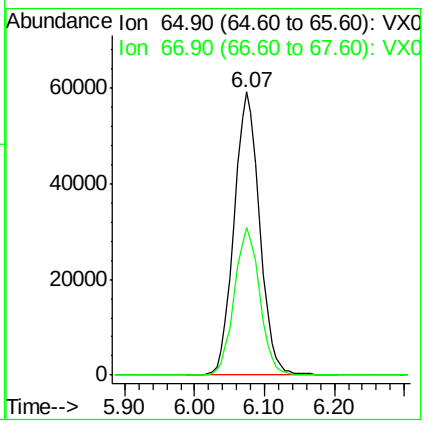


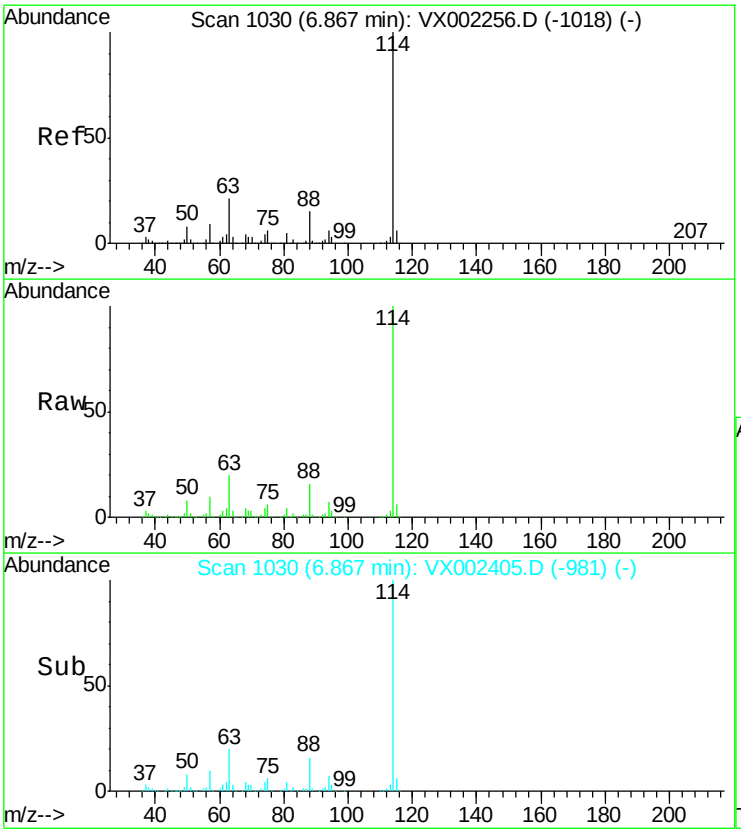
#33
1,2-Dichloroethane-d4
Concen: 48.49 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 65 Resp: 149859

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6

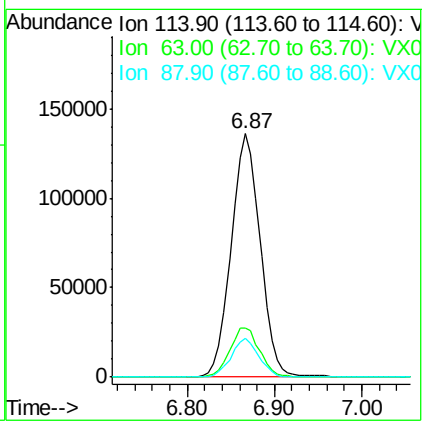


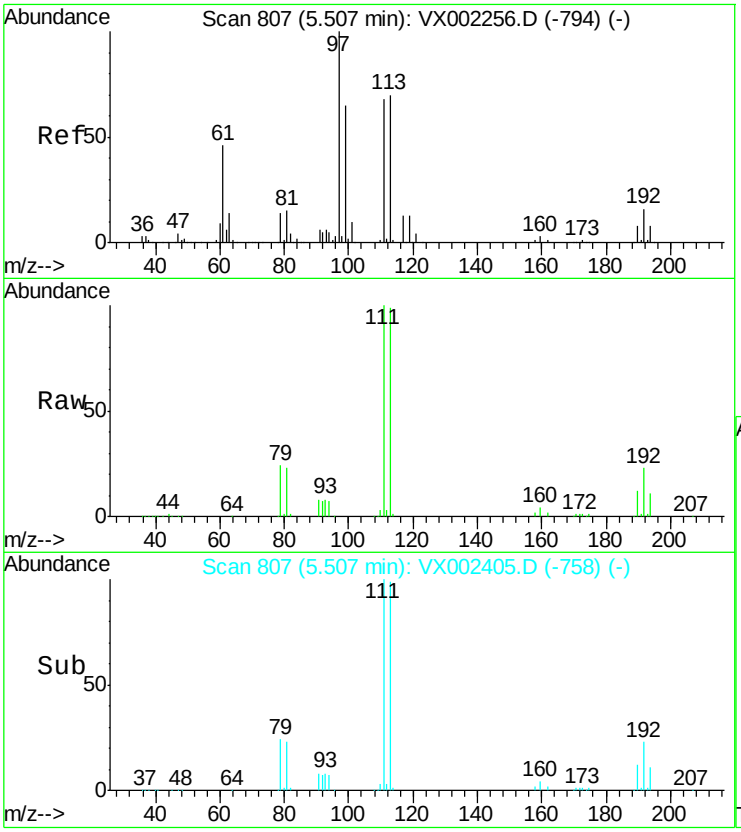


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion:114 Resp: 314982

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	16.1	0.0	30.0



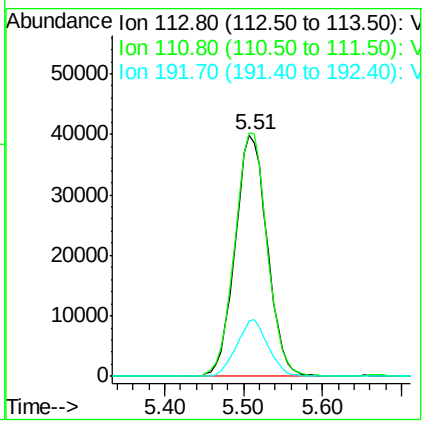


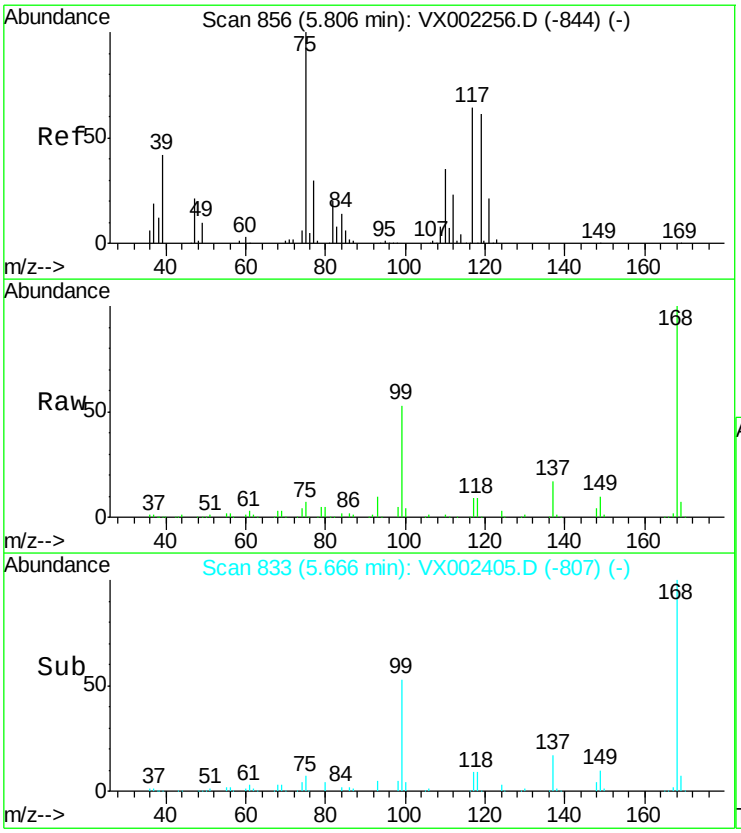
#35
Dibromofluoromethane
Concen: 45.61 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion:113 Resp: 112983

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	23.0	19.1	28.7

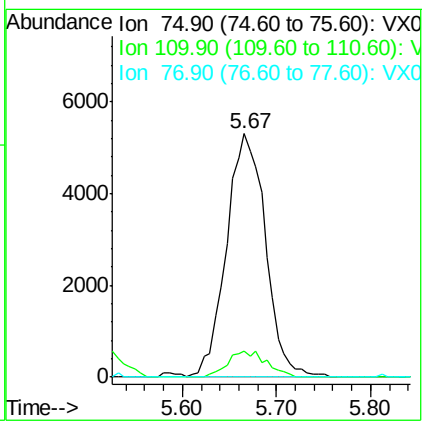


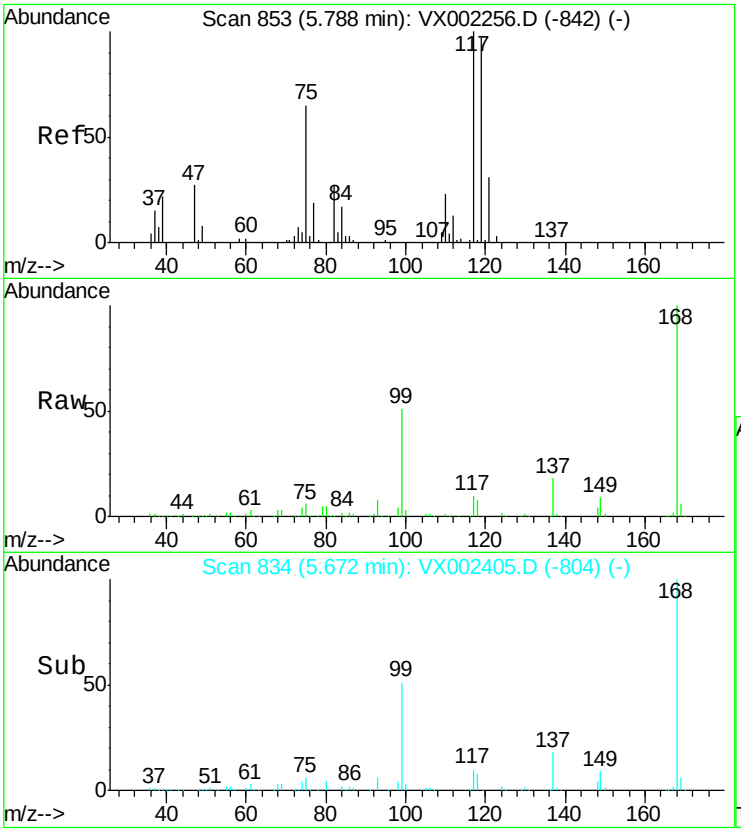


#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 75 Resp: 15318

Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	24.3	36.5#



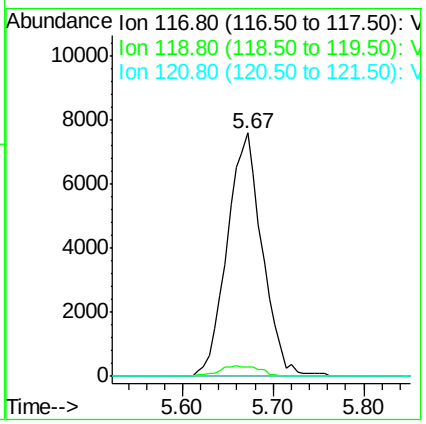


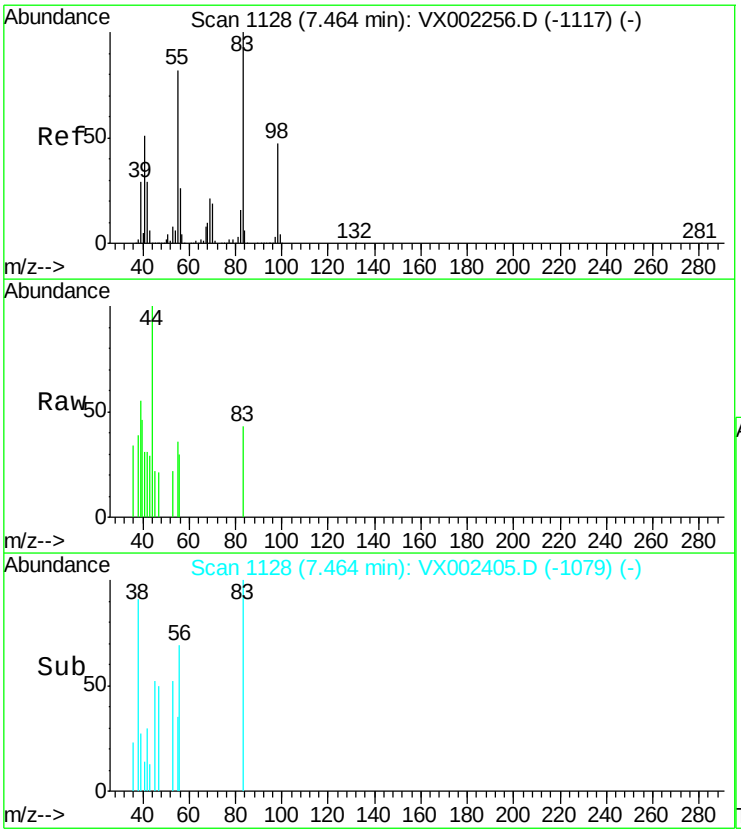
#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion:117 Resp: 20448

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.4	116.0#
121	0.0	24.4	36.6#

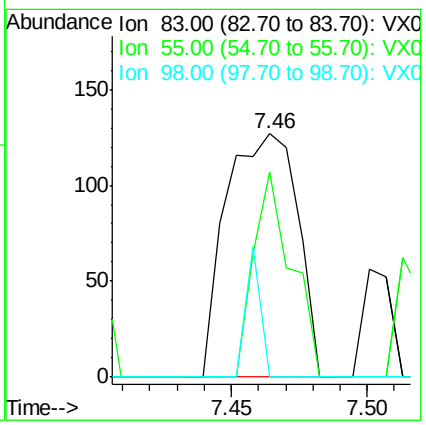


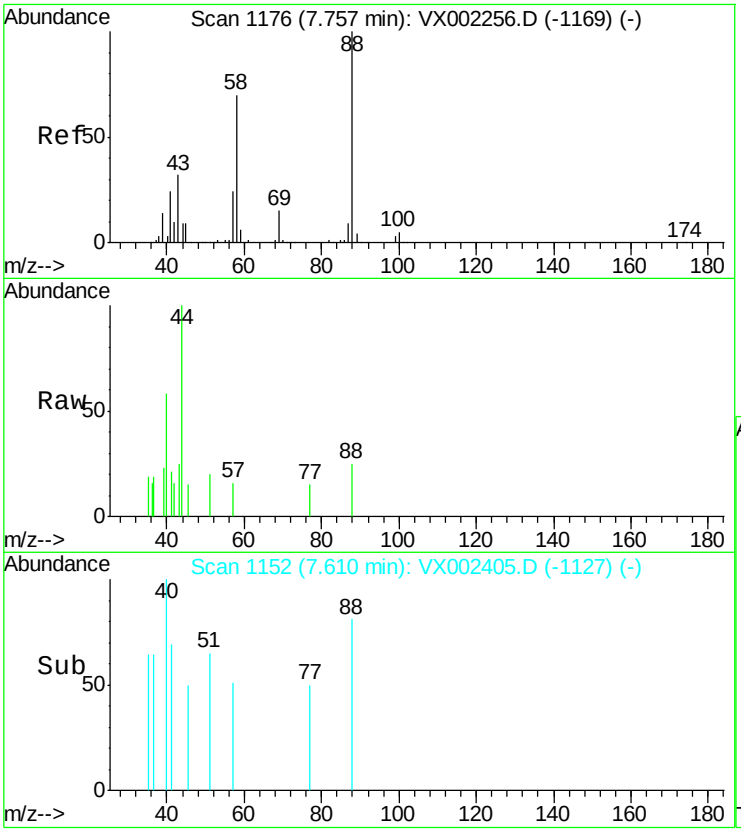


#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 83 Resp: 230

Ion	Ratio	Lower	Upper
83	100		
55	84.3	65.4	98.0
98	0.0	37.4	56.0#



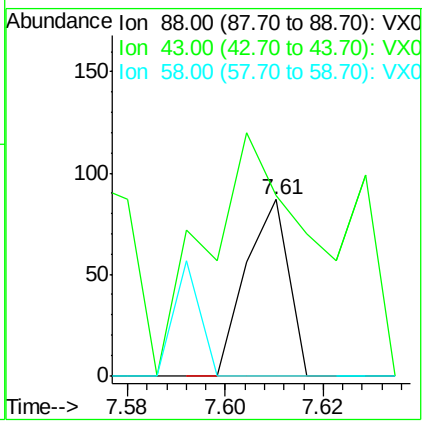


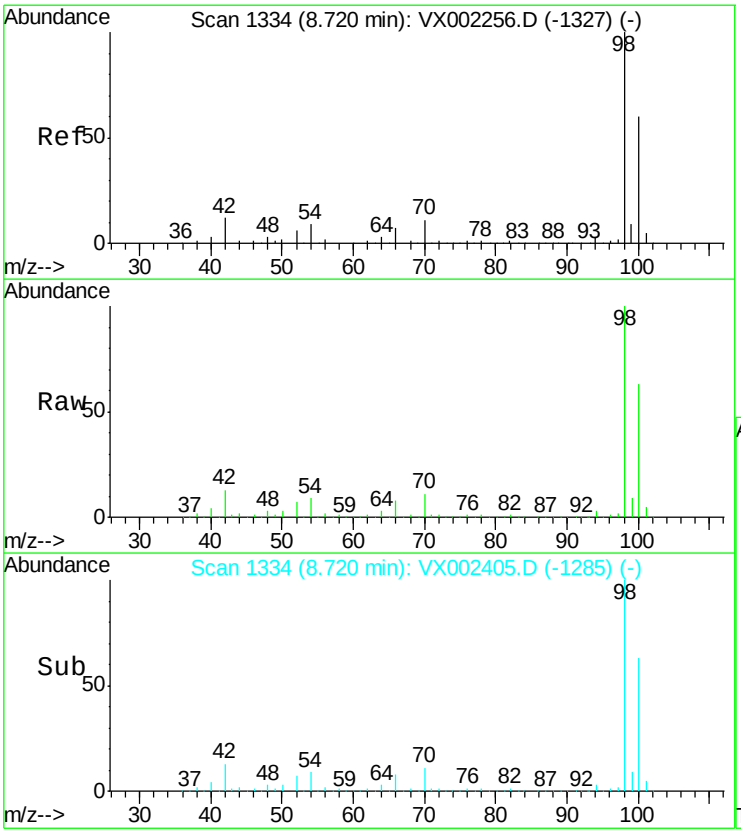
#49
1,4-Dioxane
Concen: 0.82 ug/l
RT: 7.61 min Scan# 1152
Delta R.T. -0.15 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 88 Resp: 52

Ion	Ratio	Lower	Upper
88	100		
43	396.2	29.8	44.6#
58	40.4	57.1	85.7#

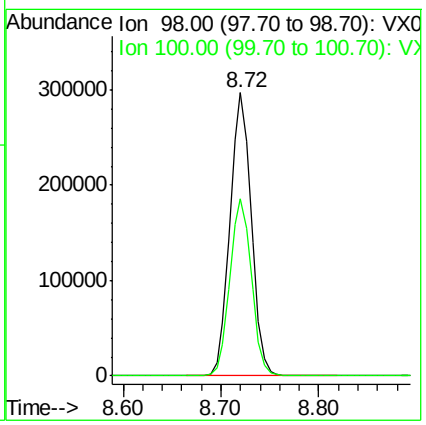


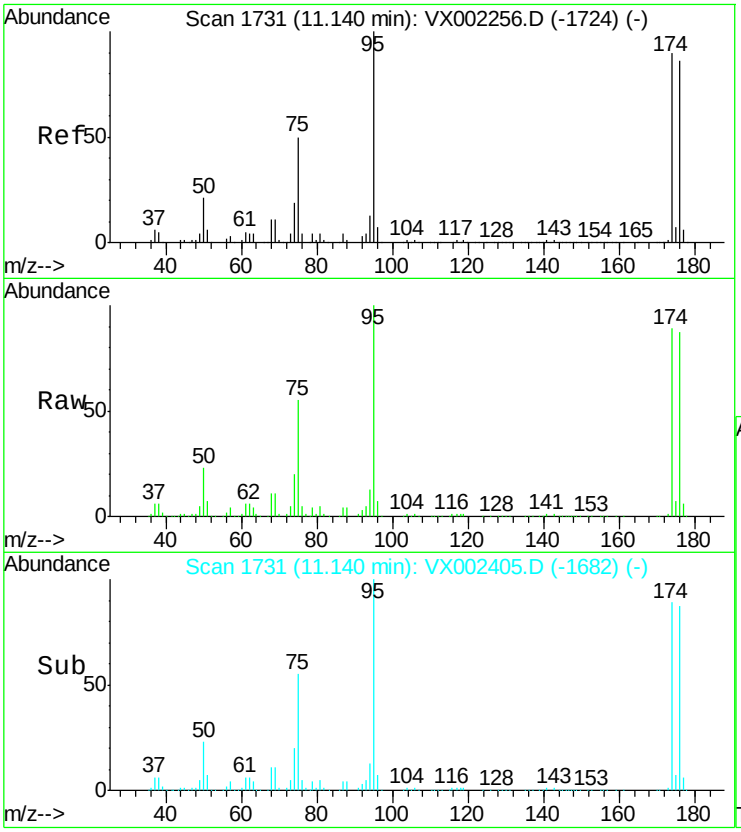


#50
Toluene-d8
Concen: 47.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 98 Resp: 449750

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



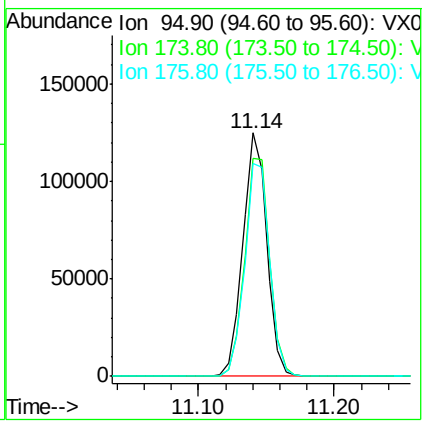


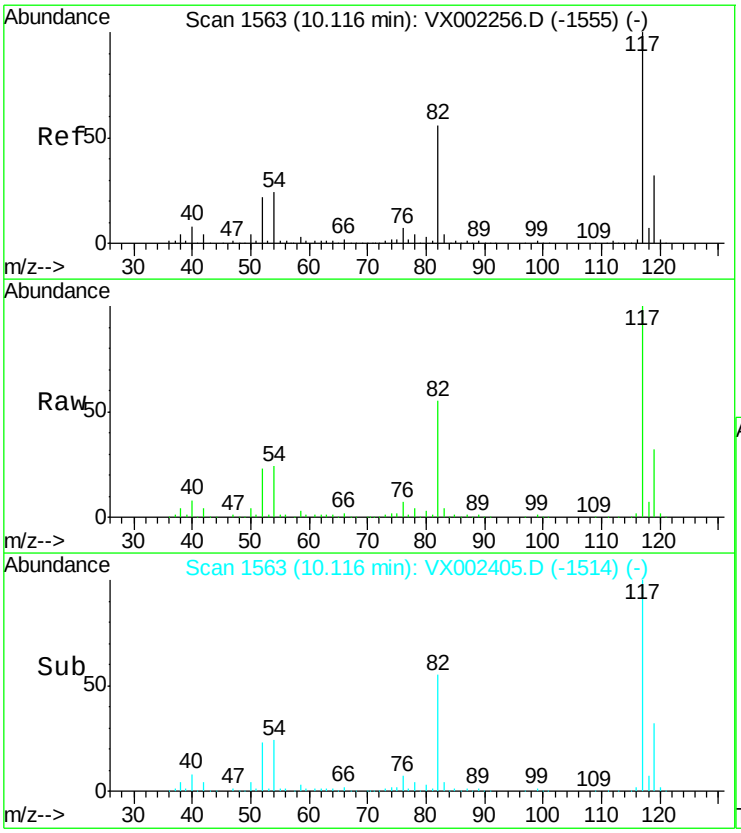
#62
4-Bromofluorobenzene
Concen: 41.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 95 Resp: 153414

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	187.4
176	91.4	0.0	181.0

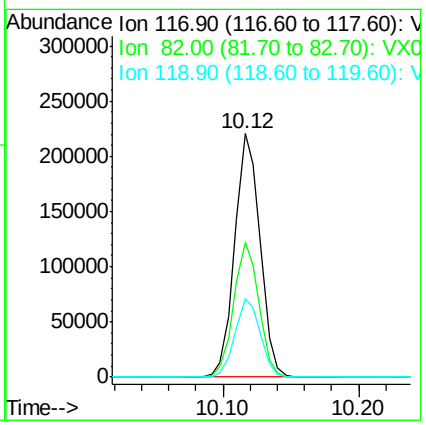


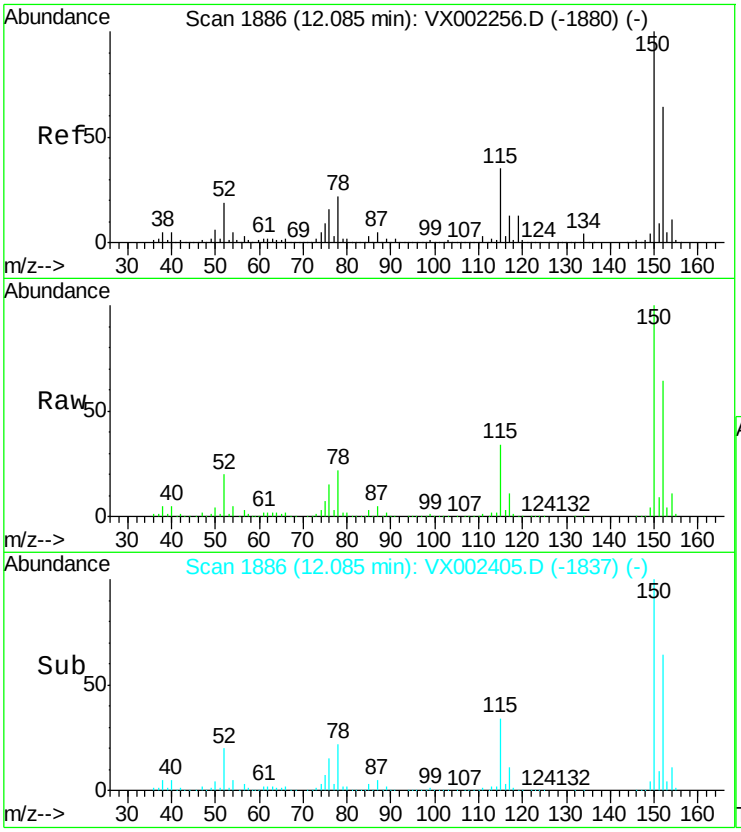


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion:117 Resp: 285340

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	32.2	25.8	38.6



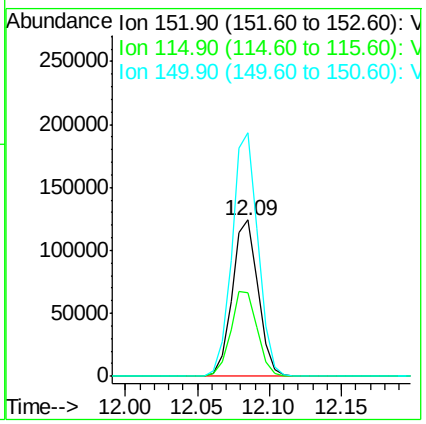


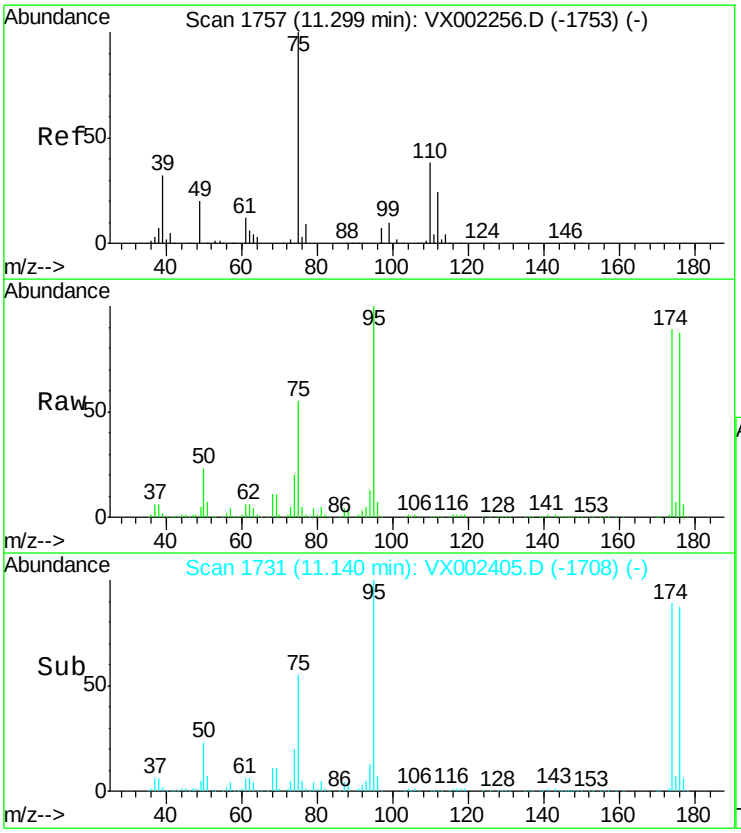
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion:152 Resp: 156288

Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	156.3	0.0	347.2

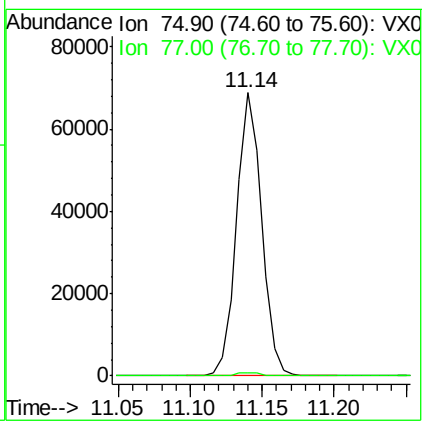


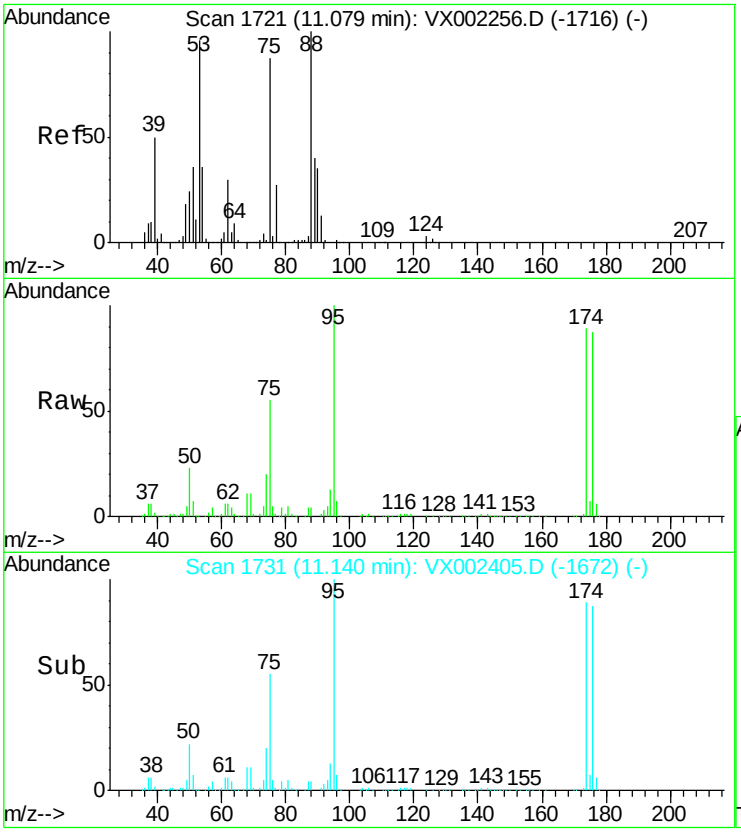


#76
1,2,3-Trichloropropane
Concen: 24.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Tgt Ion: 75 Resp: 83433

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002405.D
Acq: 08 Jun 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514DL

Tgt Ion: 75 Resp: 83433

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#