Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070919\
Data File : VX010750.D
Acq On : 09 Jul 2019 15:01
Operator : JC/SP
Sample : K3691-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0535-190704

Quant Time: Jul 10 02:11:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	220014	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	343132	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	315076	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147362	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	110302	53.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.94%				
35) Dibromofluoromethane	5.50	113	106367	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
50) Toluene-d8	8.71	98	410217	51.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.14%				
62) 4-Bromofluorobenzene	11.13	95	137913	47.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.12%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	439	0.246	ug/l	#	56
4) Vinyl Chloride	1.41	62	9182	4.707	ug/l		100
5) Bromomethane	1.65	94	429	0.451	ug/l	#	75
6) Chloroethane	1.76	64	834	0.725	ug/l	#	41
11) Tert butyl alcohol	3.02	59	11162	20.679	ug/l	#	80
13) Acrolein	2.31	56	142	0.397	ug/l		92
16) Acetone	2.45	43	2066	1.998	ug/l		96
17) Carbon Disulfide	2.57	76	1725	0.337	ug/l	#	85
18) Methyl Acetate	2.76	43	453	0.220	ug/l	#	76
24) 1,1-Dichloroethane	3.69	63	2262	0.691	ug/l	#	95
25) 2-Butanone	4.68	43	1070	0.706	ug/l	#	88
26) 2,2-Dichloropropane	4.68	77	838	0.295	ug/l	#	49
27) cis-1,2-Dichloroethene	4.62	96	591	0.249	ug/l		77
36) 1,1-Dichloropropene	5.67	75	14462	5.304	ug/l	#	47
38) Carbon Tetrachloride	5.66	117	19518	6.610	ug/l	#	15
40) Benzene	6.14	78	4001	0.471	ug/l	#	89
49) 1,4-Dioxane	7.76	88	20	0.322	ug/l	#	28
65) Chlorobenzene	10.14	112	49761	7.779	ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	67436	25.113	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	67436	58.586	ug/l	#	16
91) 1,2-Dichlorobenzene	12.39	146	1508	0.312	ug/l		98

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

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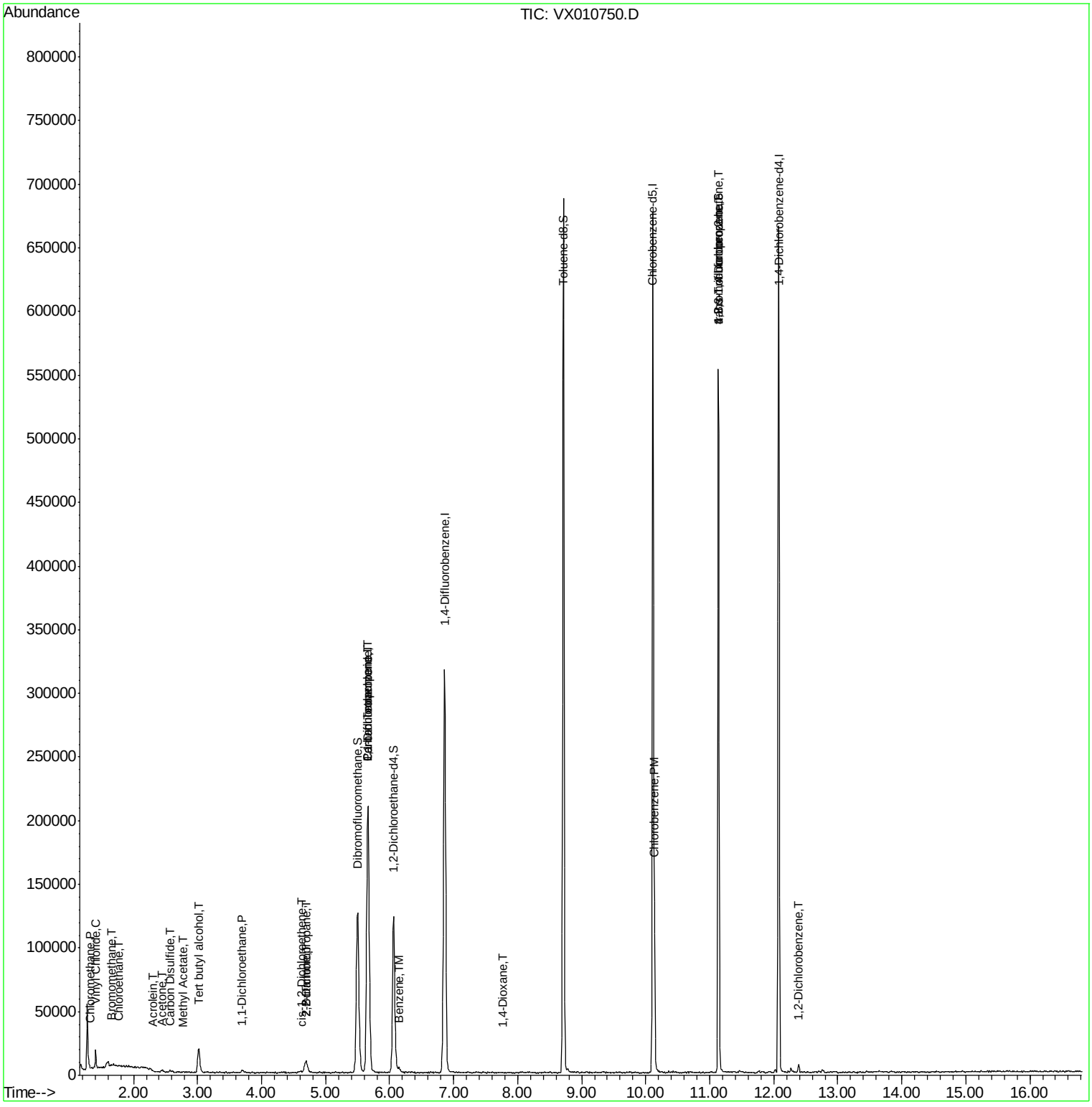
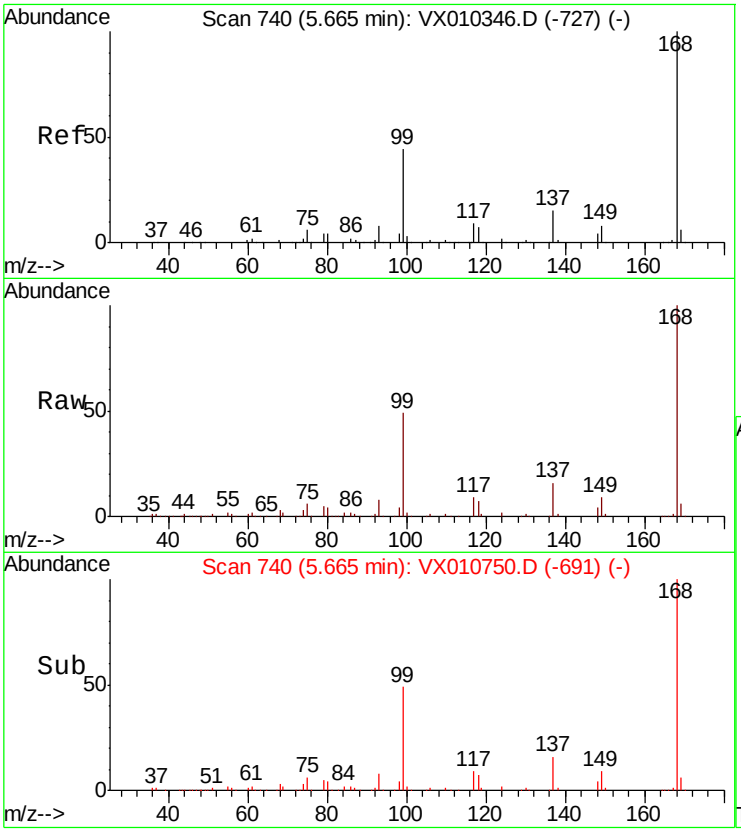
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



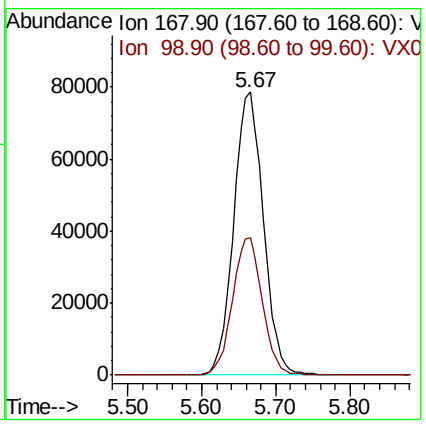


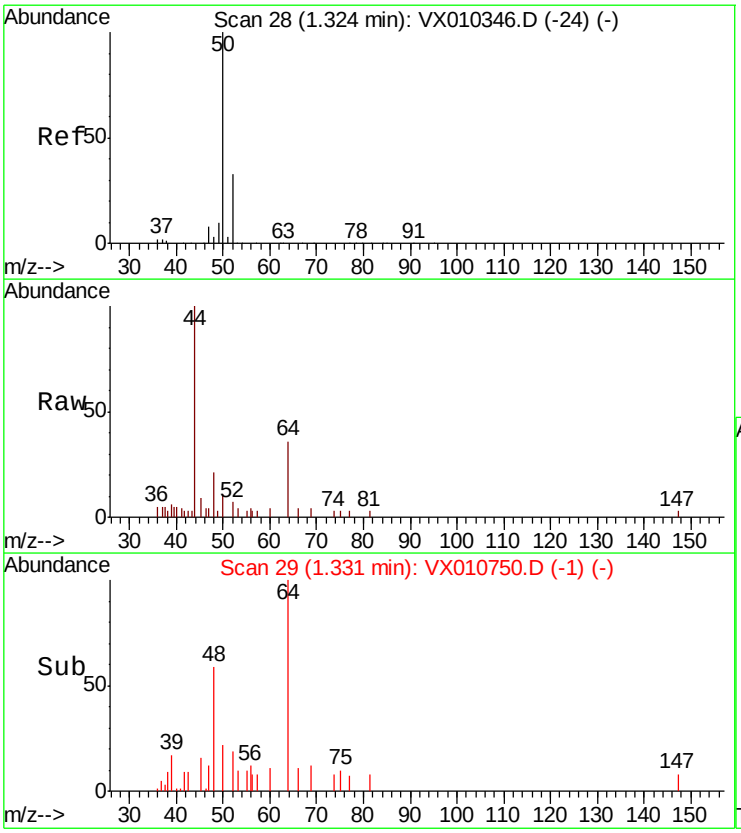
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:168 Resp: 220014

Ion	Ratio	Lower	Upper
168	100		
99	48.6	35.5	53.3

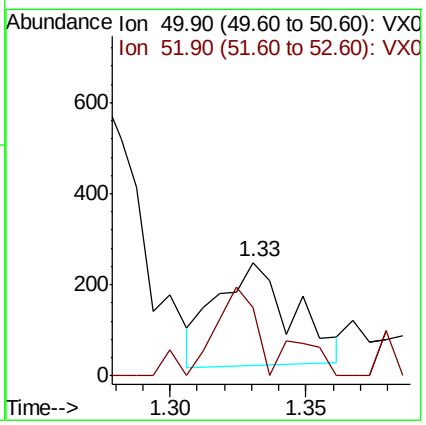


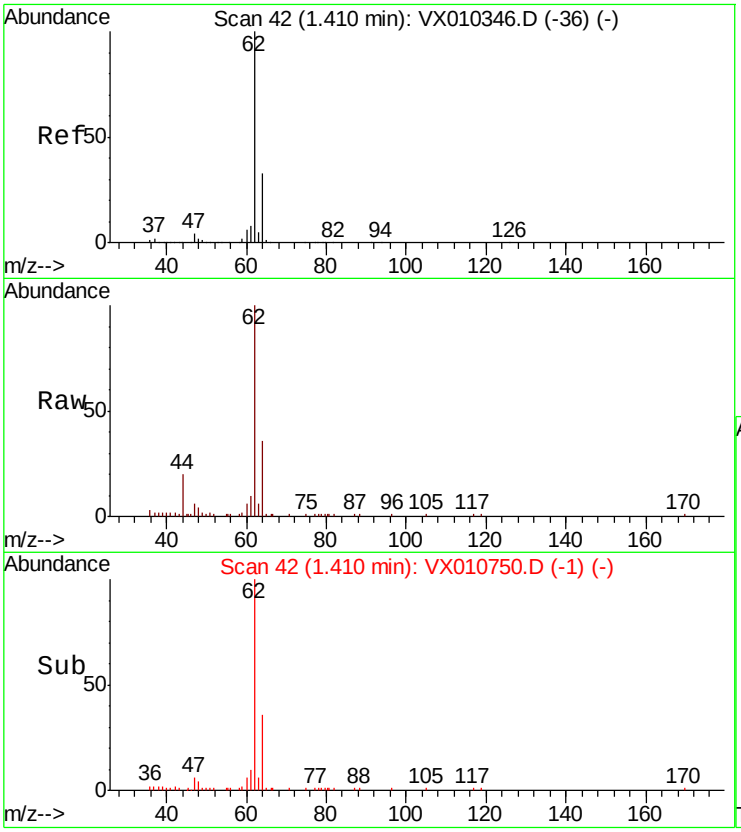


#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 50 Resp: 439

Ion	Ratio	Lower	Upper
50	100		
52	57.9	26.5	39.7#



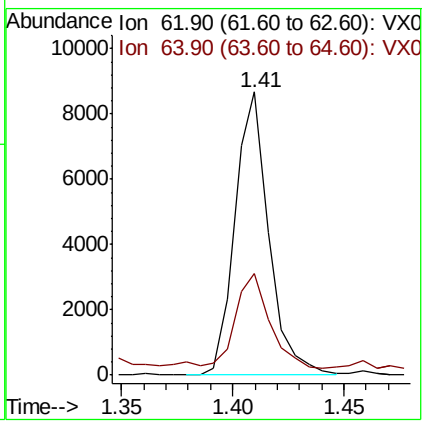


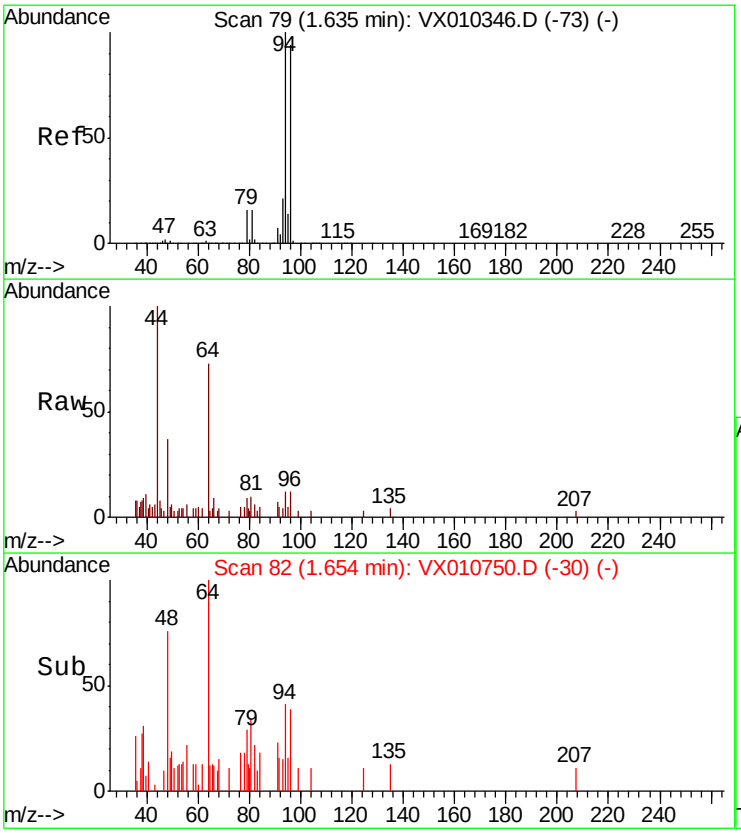
#4
Vinyl Chloride
Concen: 4.707 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 62 Resp: 9182

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.2	39.4

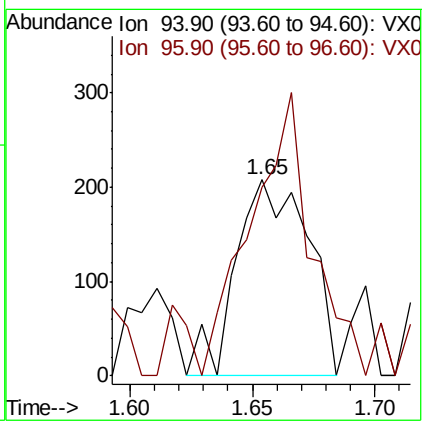


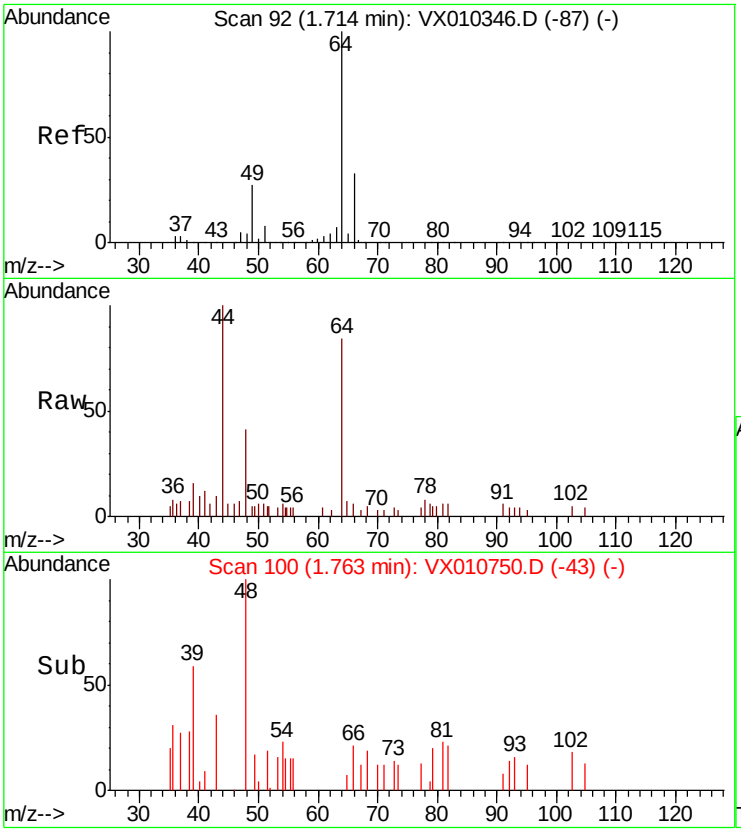


#5
Bromomethane
Concen: 0.451 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 94 Resp: 429

Ion	Ratio	Lower	Upper
94	100		
96	70.7	75.5	113.3#



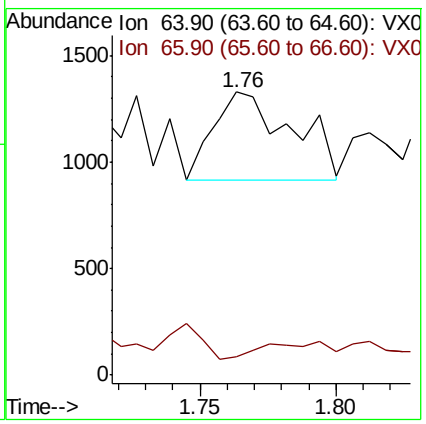


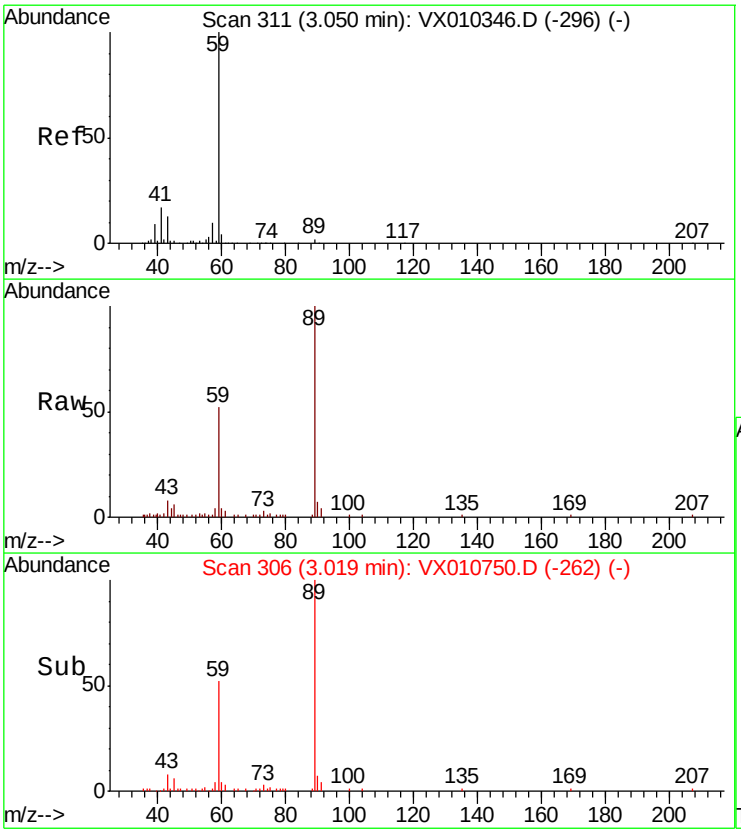
#6
Chloroethane
Concen: 0.725 ug/l
RT: 1.76 min Scan# 100
Delta R.T. 0.05 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 64 Resp: 834

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

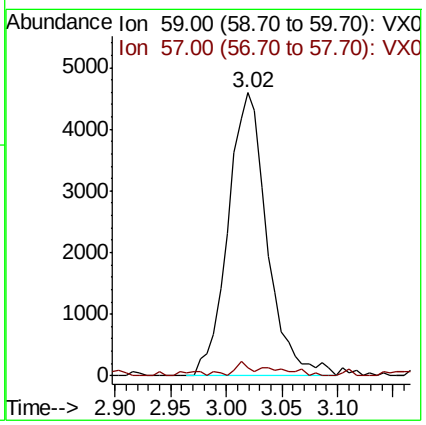


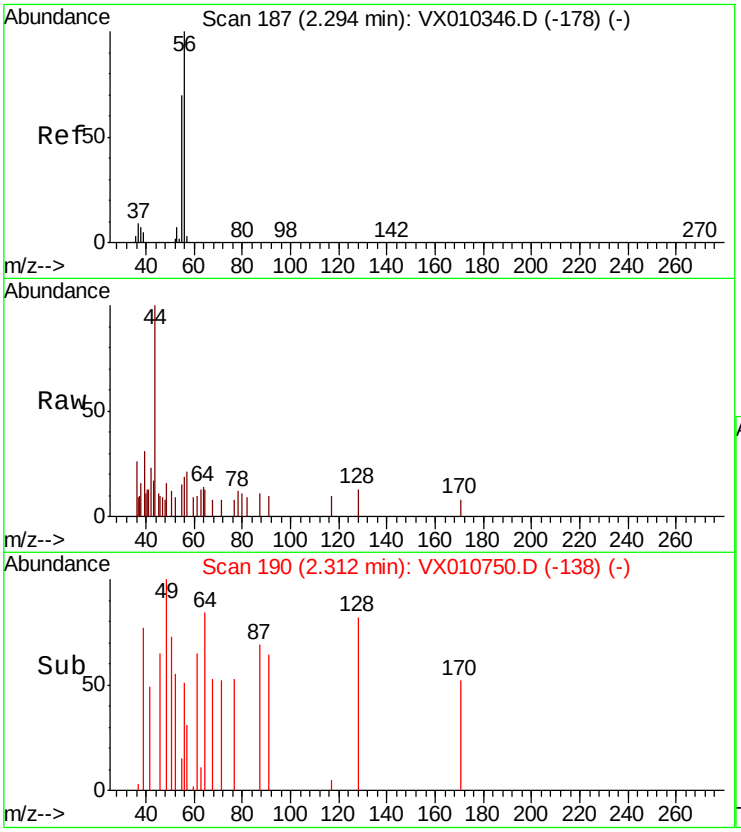


#11
Tert butyl alcohol
Concen: 20.679 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 59 Resp: 11162

Ion	Ratio	Lower	Upper
59	100		
57	2.1	7.7	11.5#



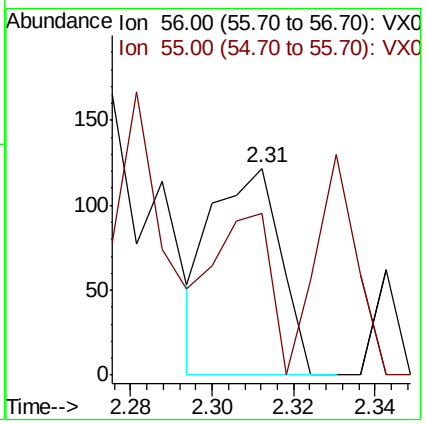


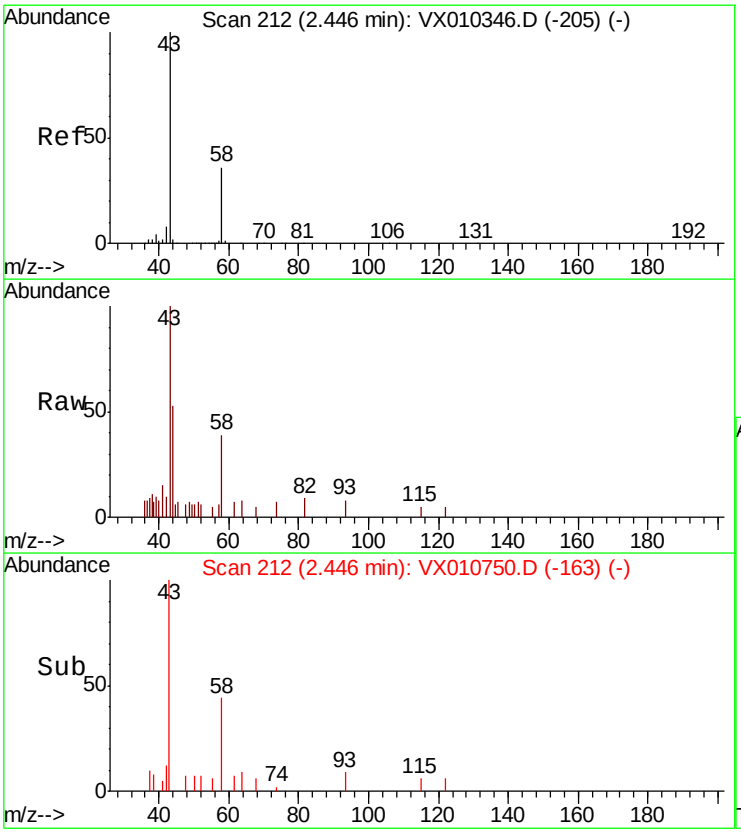
#13
Acrolein
Concen: 0.397 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 56 Resp: 142

Ion	Ratio	Lower	Upper
56	100		
55	64.1	56.9	85.3

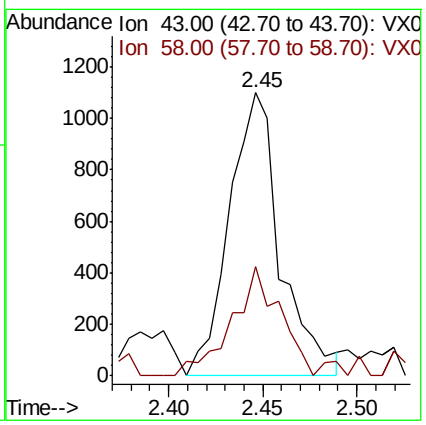


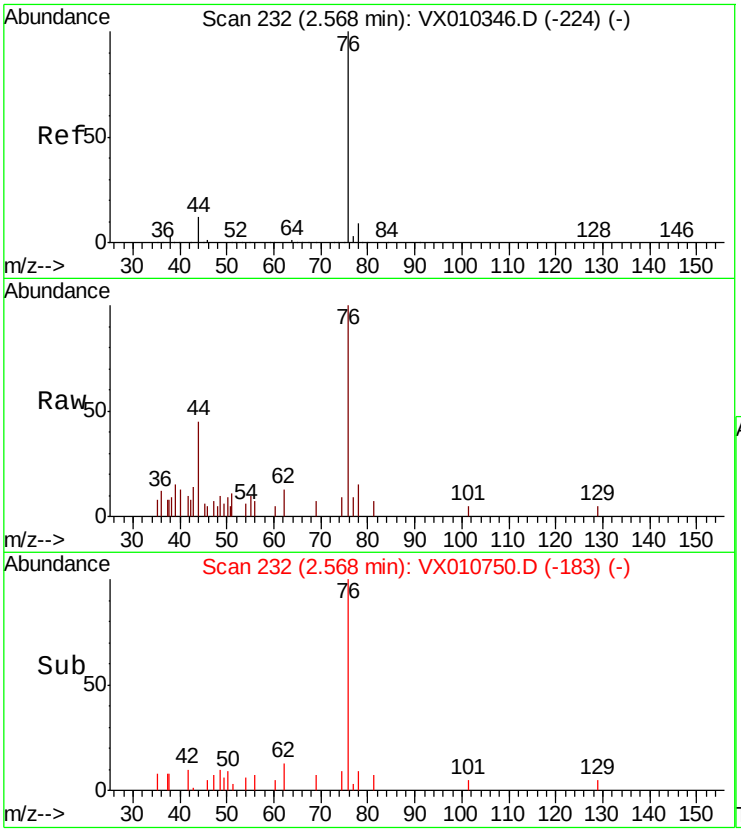


#16
Acetone
Concen: 1.998 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 43 Resp: 2066

Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.9	43.3



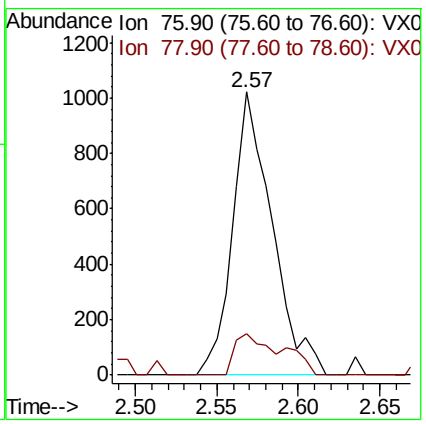


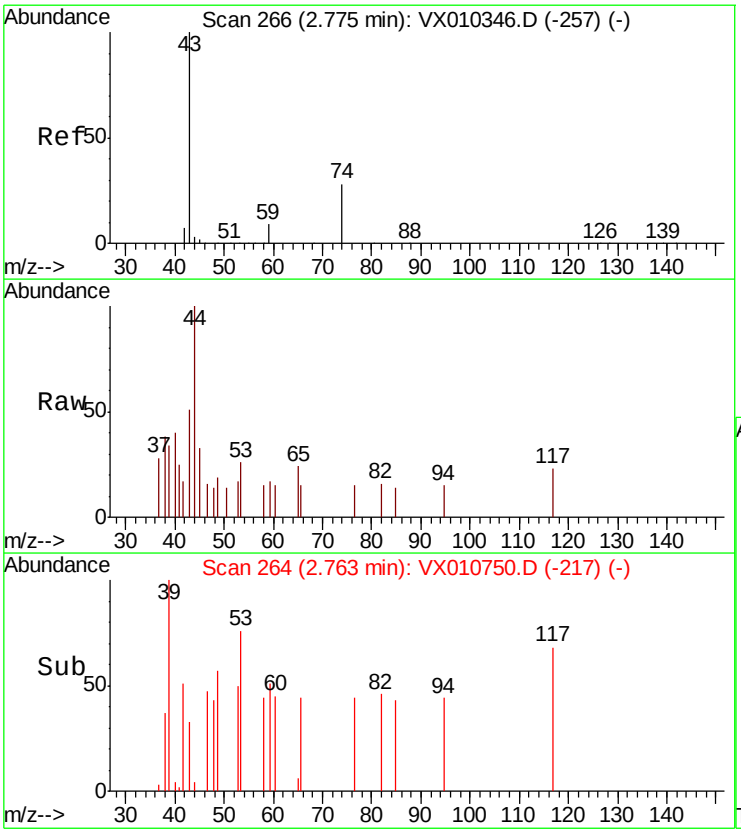
#17
Carbon Disulfide
Concen: 0.337 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 76 Resp: 1725

Ion	Ratio	Lower	Upper
76	100		
78	14.7	7.3	10.9#

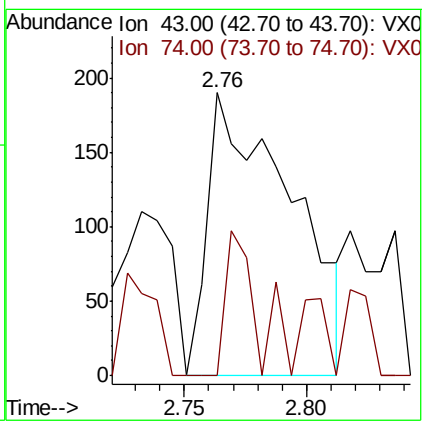


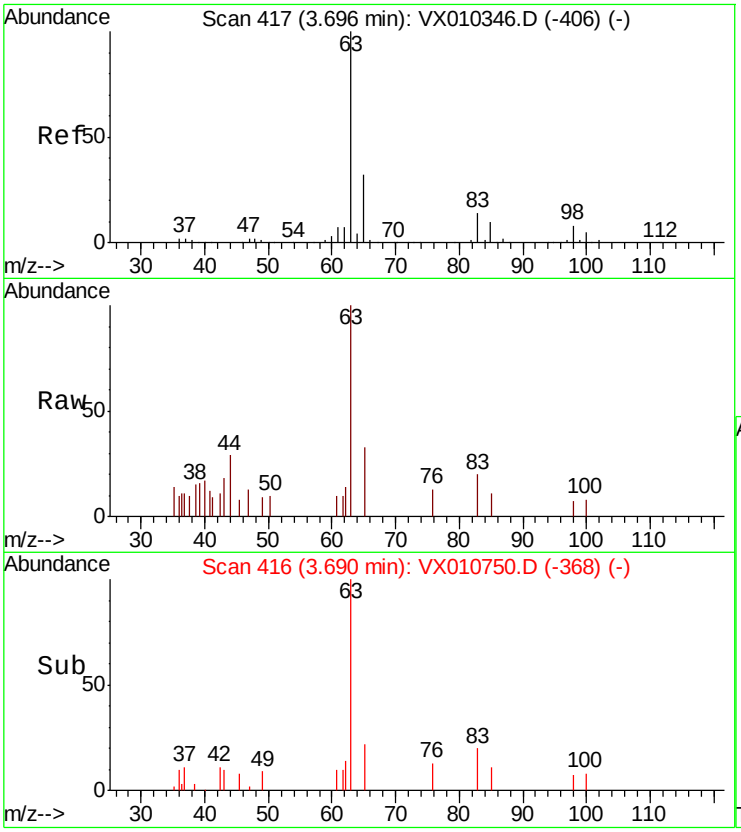


#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 43 Resp: 453

Ion	Ratio	Lower	Upper
43	100		
74	14.1	21.3	31.9#



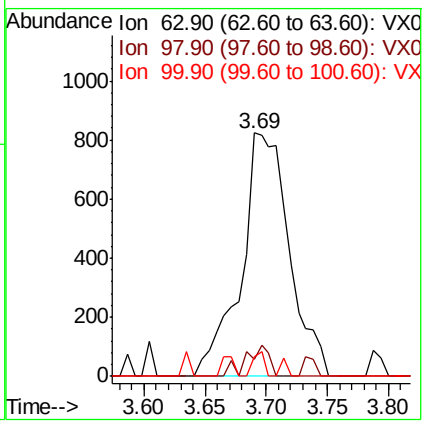


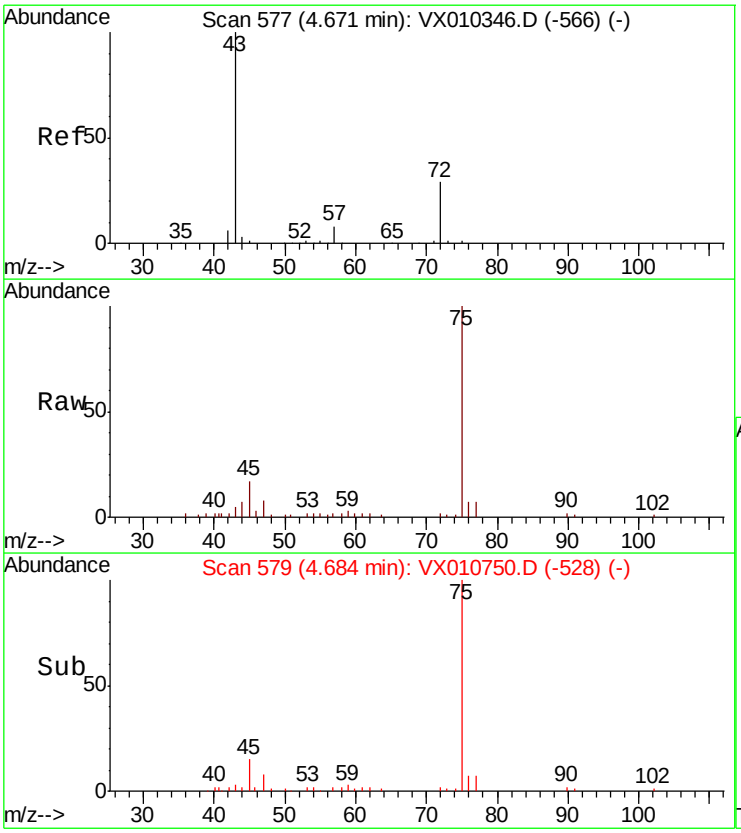
#24
1,1-Dichloroethane
Concen: 0.691 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 63 Resp: 2262

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.9	11.7
100	7.9	2.4	7.1#

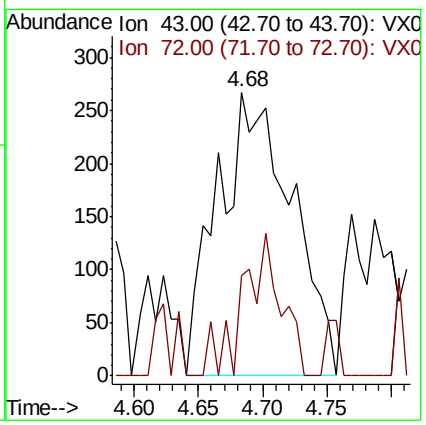


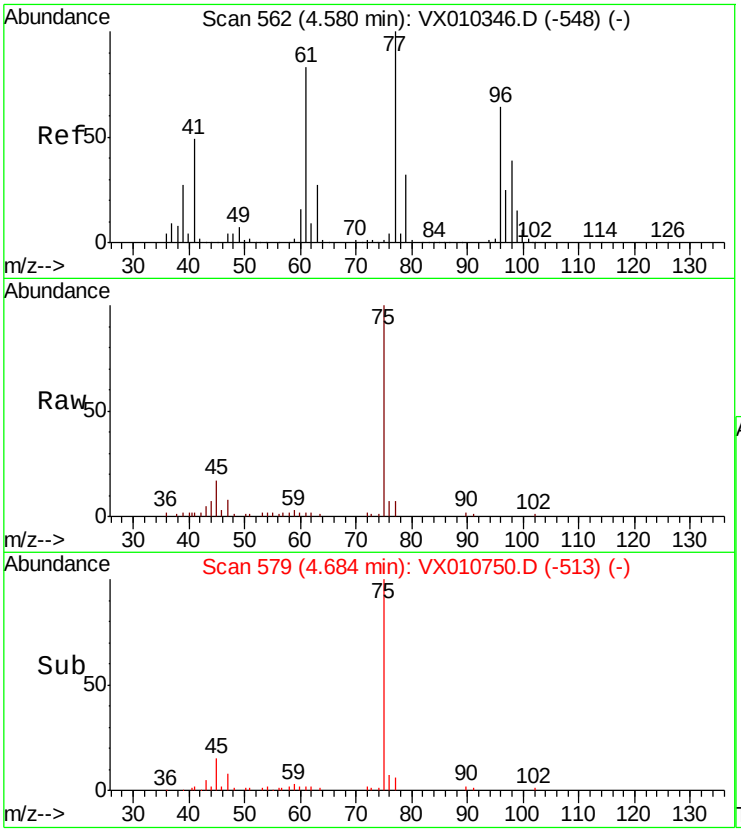


#25
2-Butanone
Concen: 0.706 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 43 Resp: 1070

Ion	Ratio	Lower	Upper
43	100		
72	35.6	23.3	34.9#



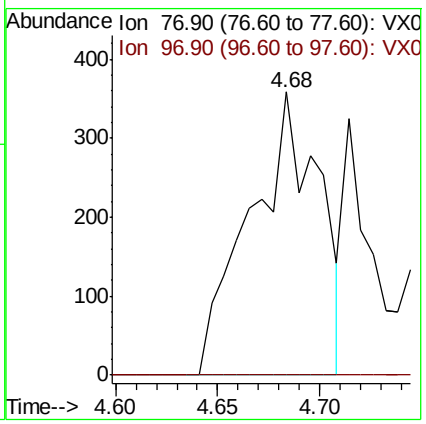


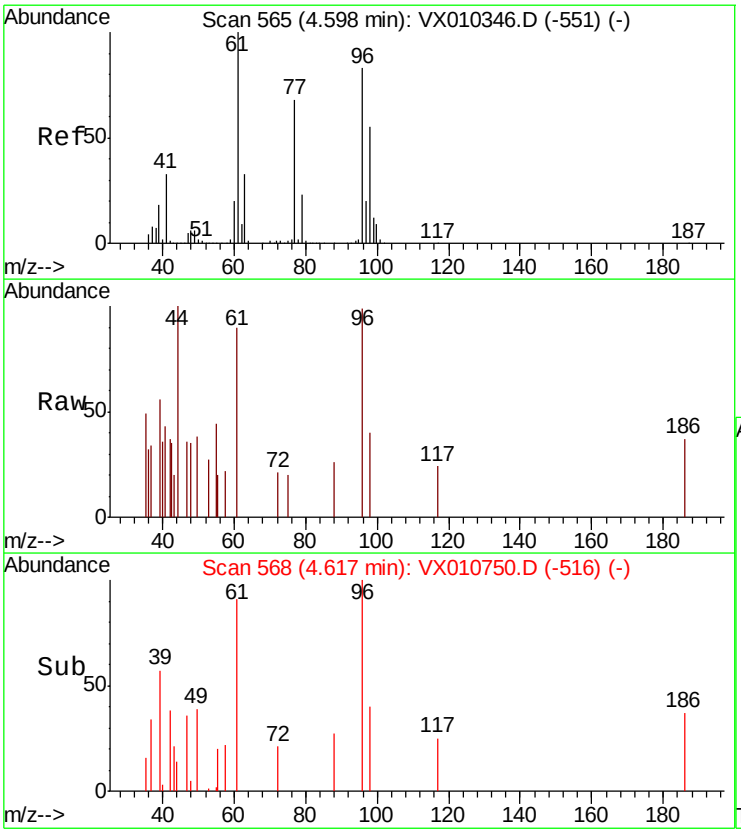
#26
2,2-Dichloropropane
Concen: 0.295 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.10 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 77 Resp: 838

Ion	Ratio	Lower	Upper
77	100		
97	0.0	13.1	39.3#

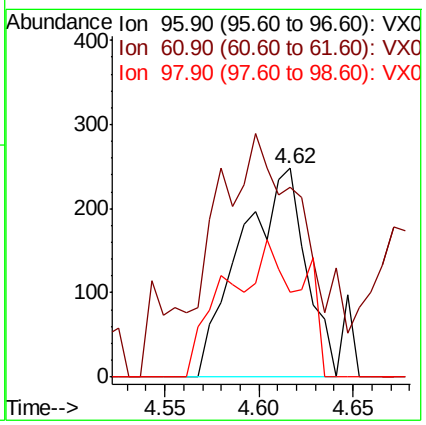


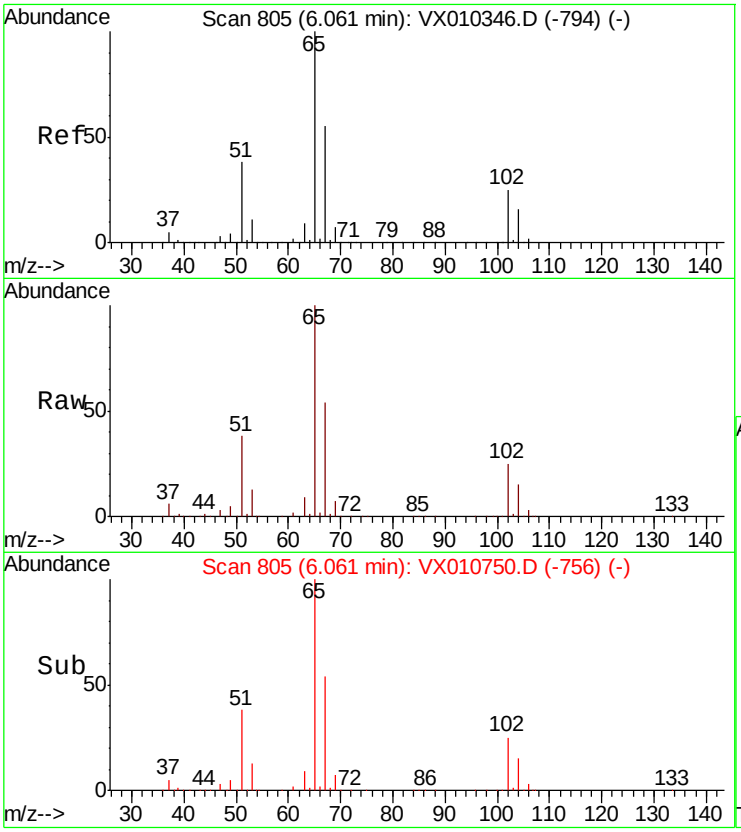


#27
cis-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 4.62 min Scan# 568
Delta R.T. 0.02 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 96 Resp: 591

Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	251.8
98	75.5	0.0	129.4



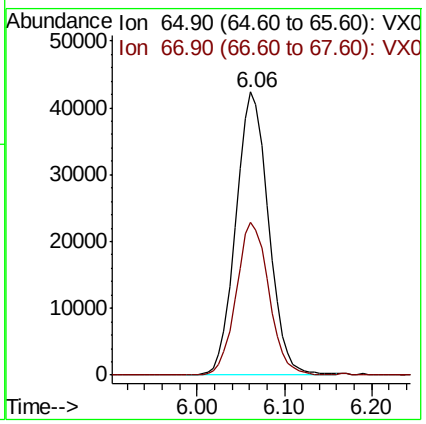


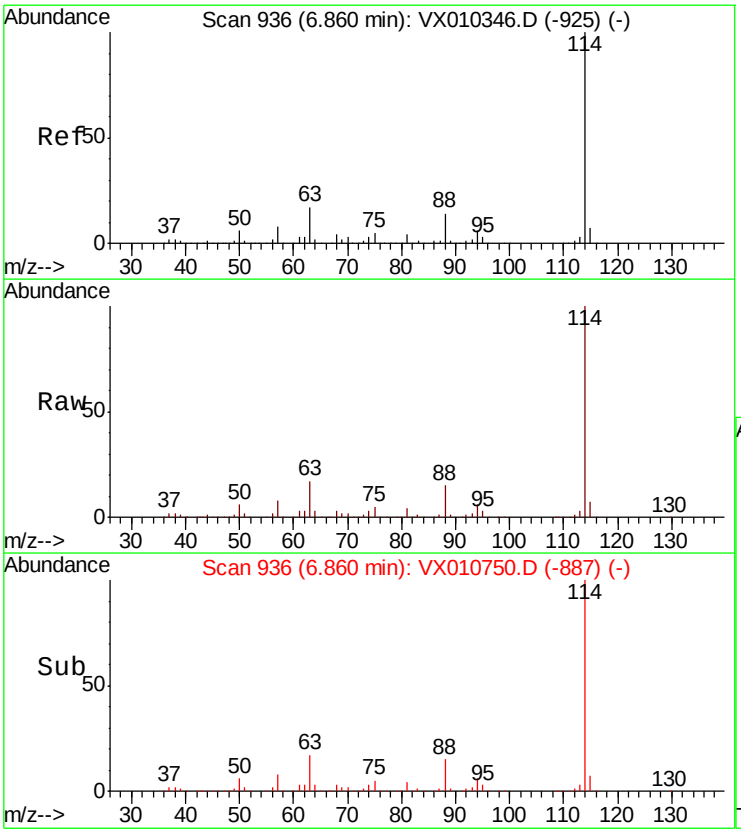
#33
1,2-Dichloroethane-d4
Concen: 53.471 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 65 Resp: 110302

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.2

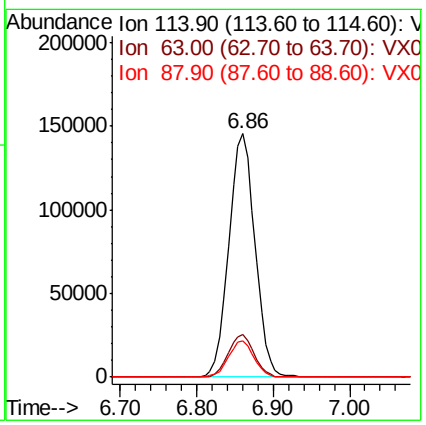


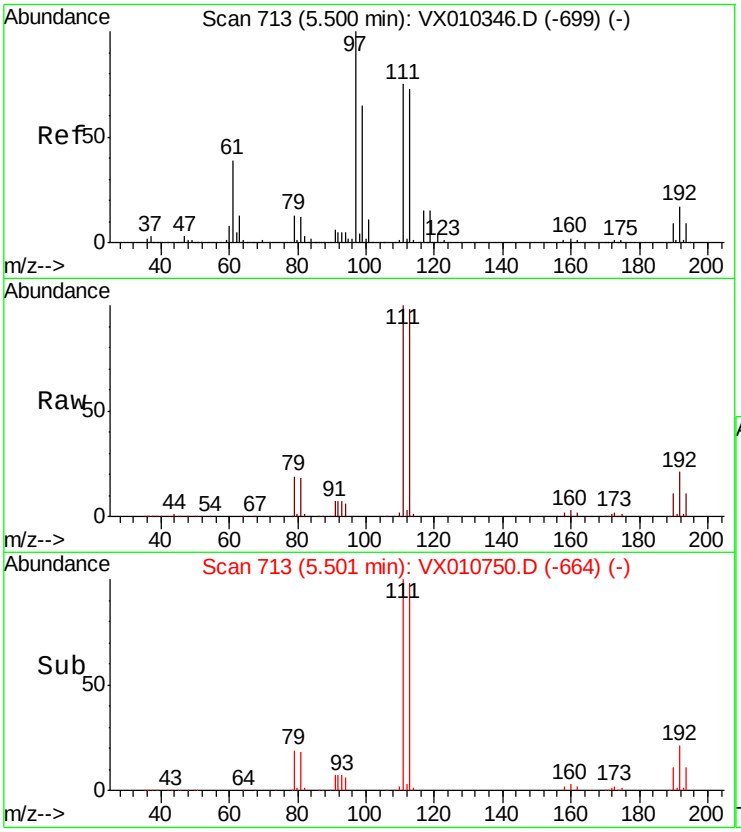


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion:114 Resp: 343132

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	15.0	0.0	27.6



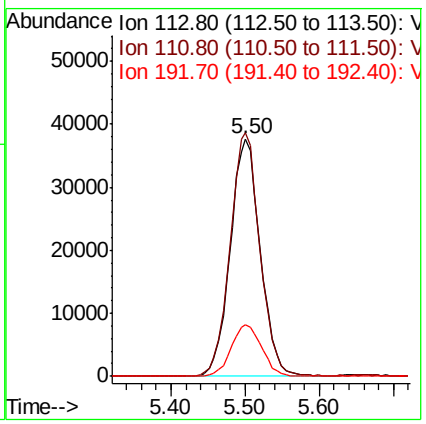


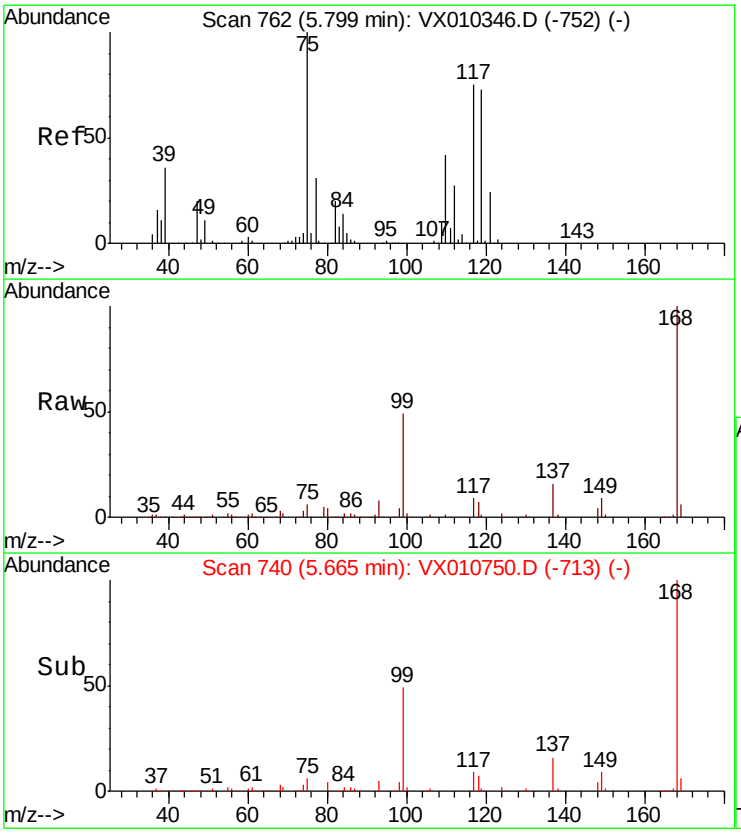
#35
Dibromofluoromethane
Concen: 50.665 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:113 Resp: 106367

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.2	121.8
192	22.2	18.6	27.8

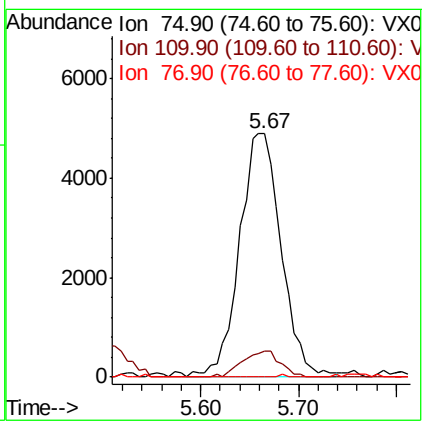


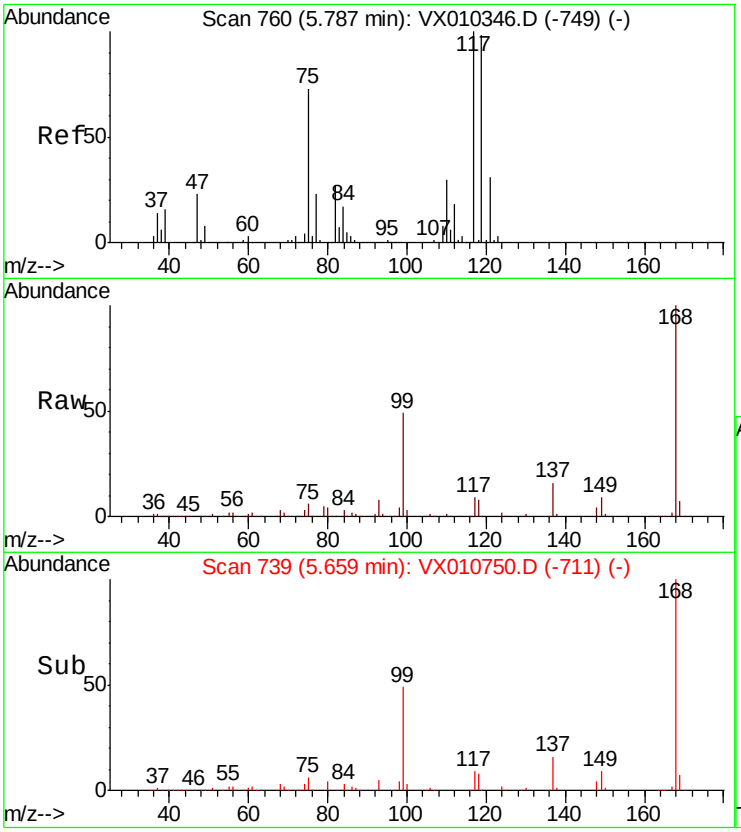


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 75 Resp: 14462

Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.8	62.2#
77	0.2	25.4	38.0#



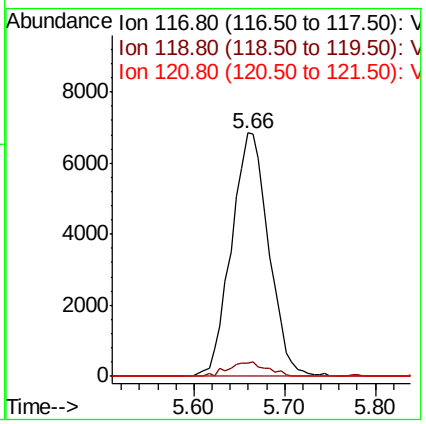


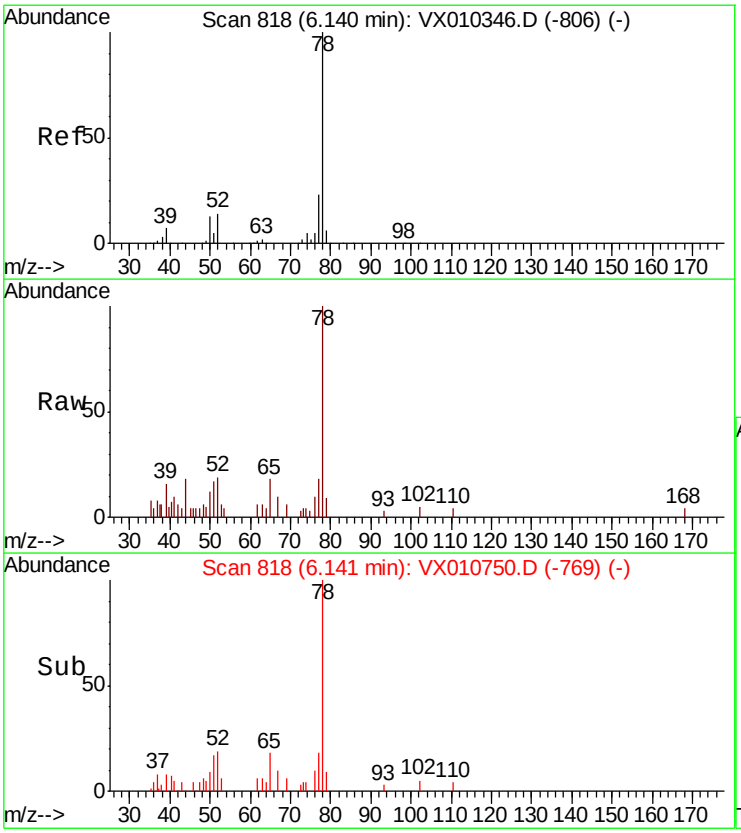
#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:117 Resp: 19518

Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.2	117.4#
121	0.0	24.7	37.1#

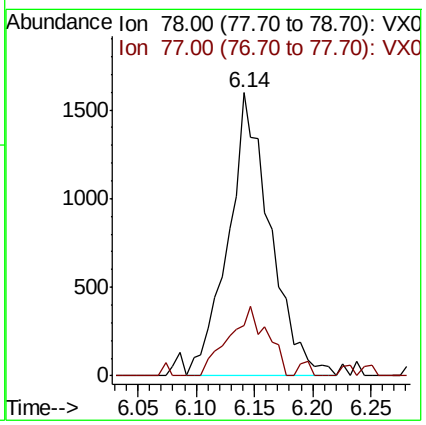


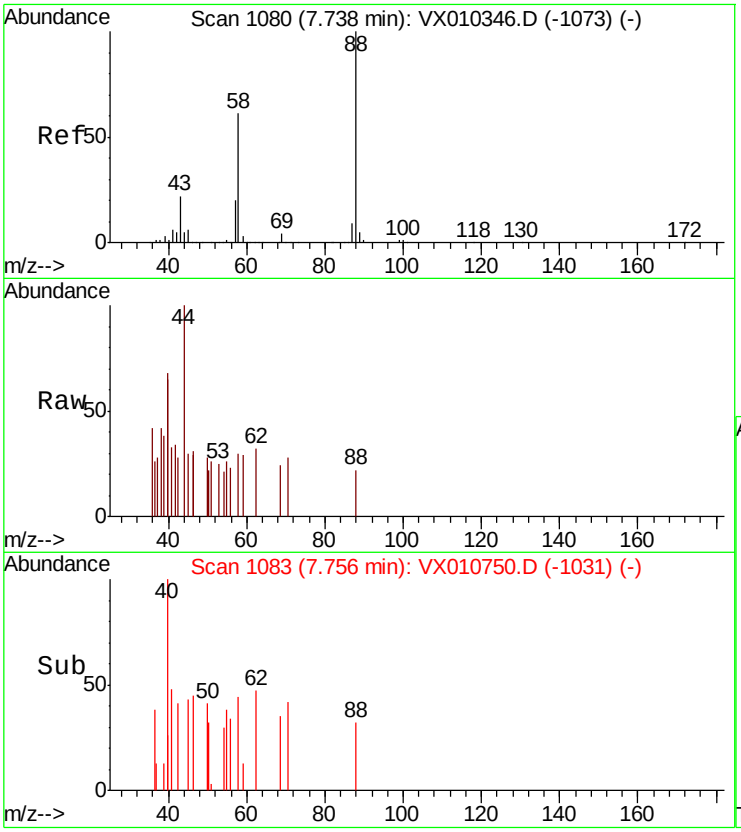


#40
Benzene
Concen: 0.471 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 78 Resp: 4001

Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.6	28.0#



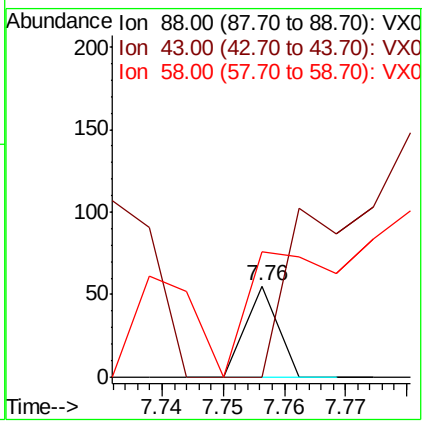


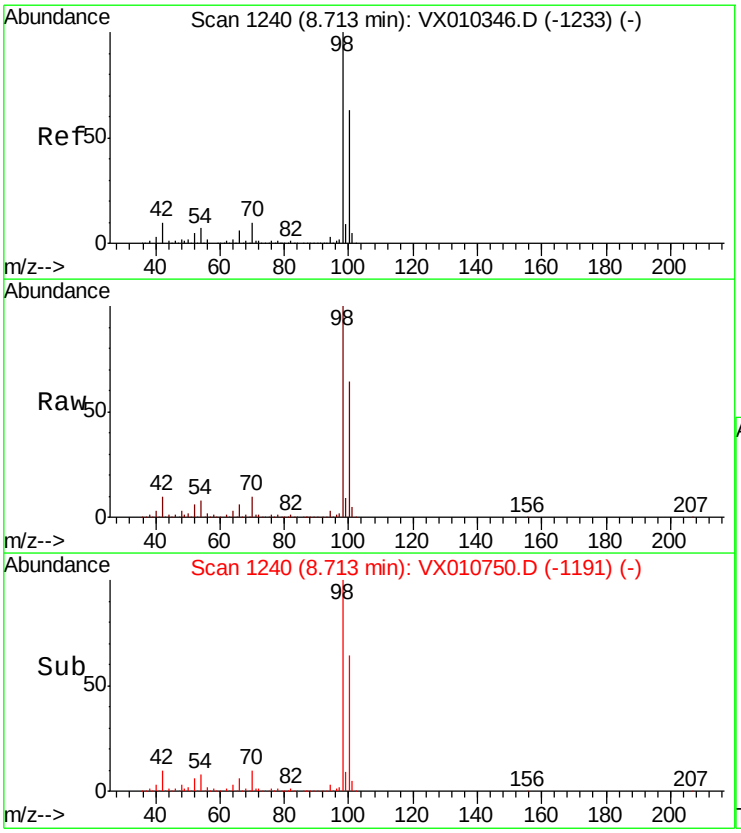
#49
1,4-Dioxane
Concen: 0.322 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.2#
58	0.0	49.5	74.3#

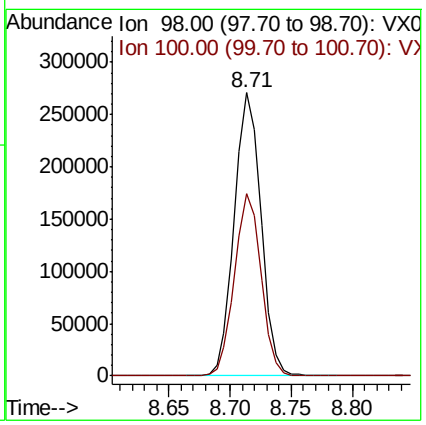


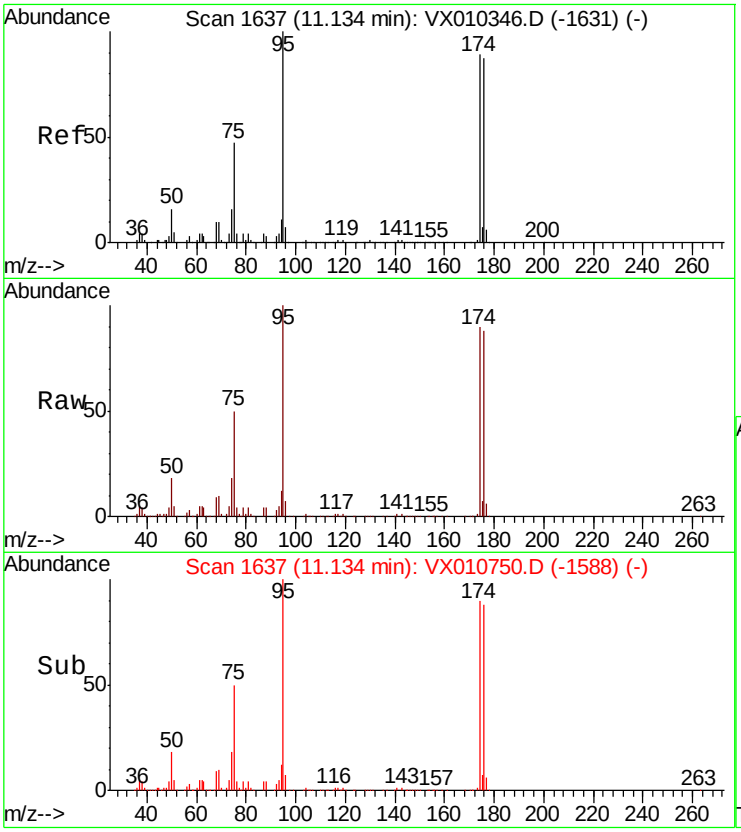


#50
Toluene-d8
Concen: 51.073 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 98 Resp: 410217

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4



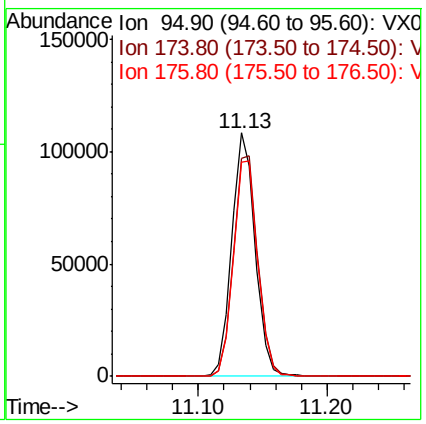


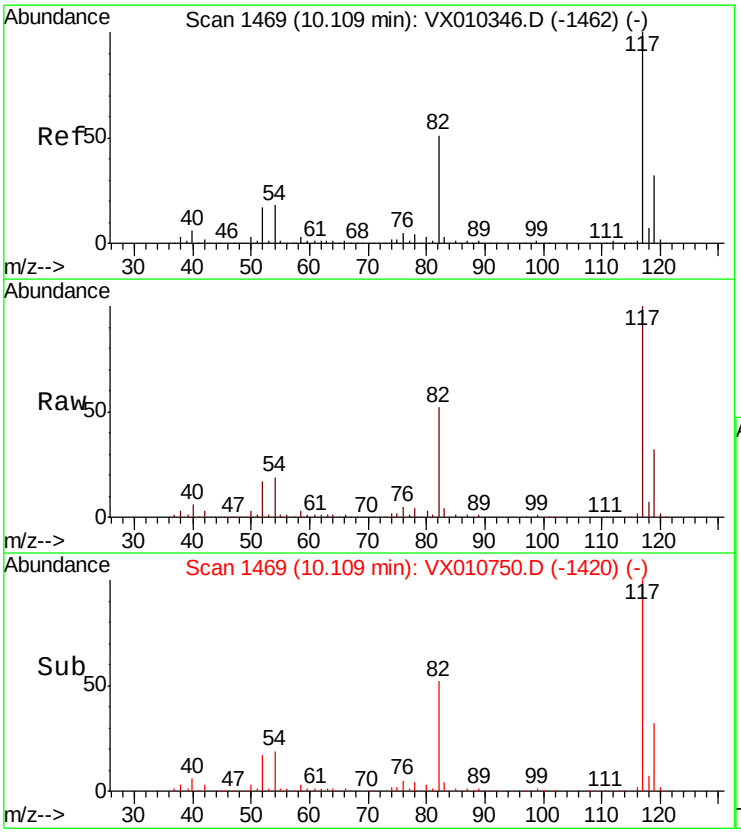
#62
4-Bromofluorobenzene
Concen: 47.560 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 95 Resp: 137913

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	187.6
176	91.8	0.0	184.0

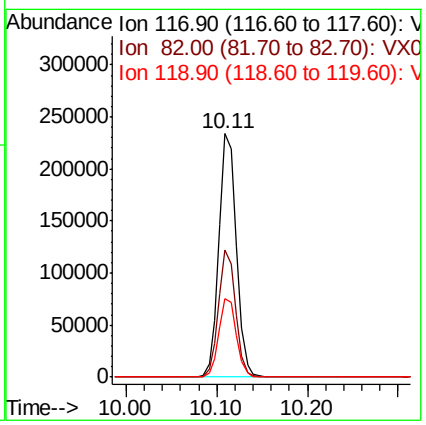


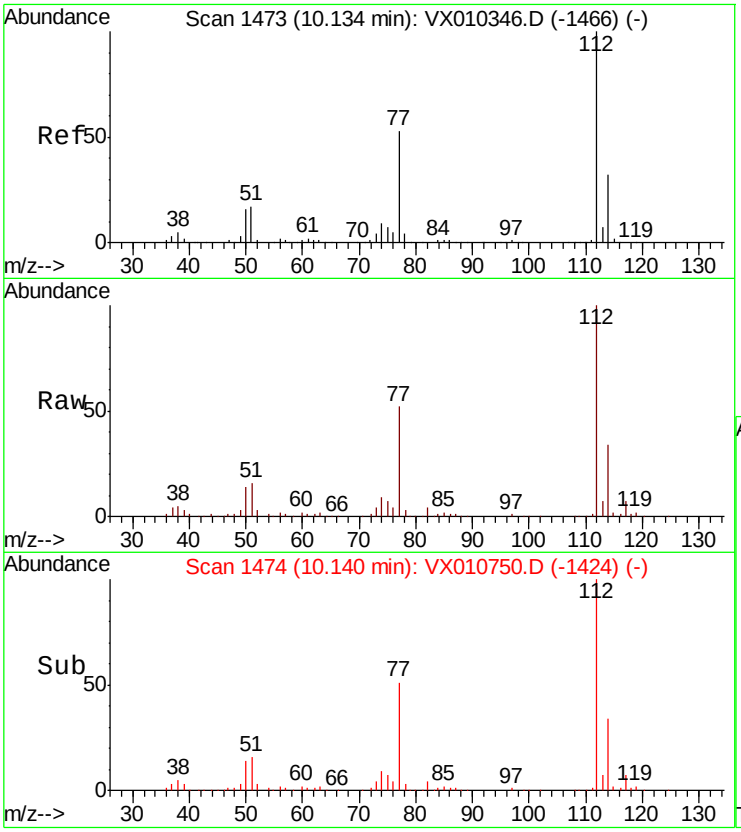


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion:117 Resp: 315076

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.2	61.8
119	32.2	25.5	38.3



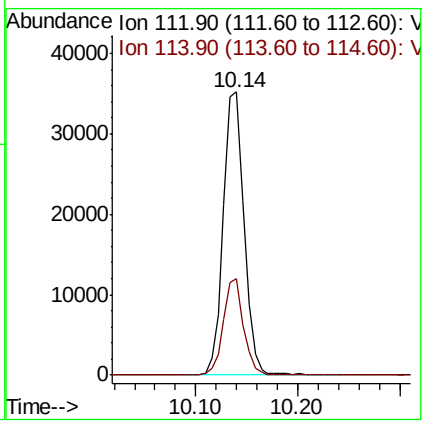


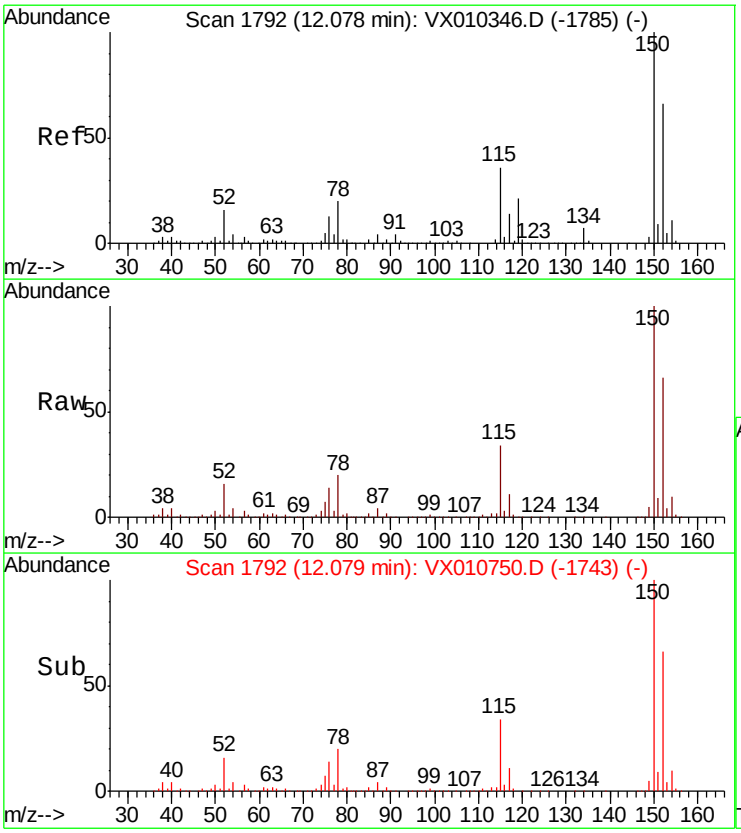
#65
Chlorobenzene
Concen: 7.779 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:112 Resp: 49761

Ion	Ratio	Lower	Upper
112	100		
114	34.0	25.4	38.2

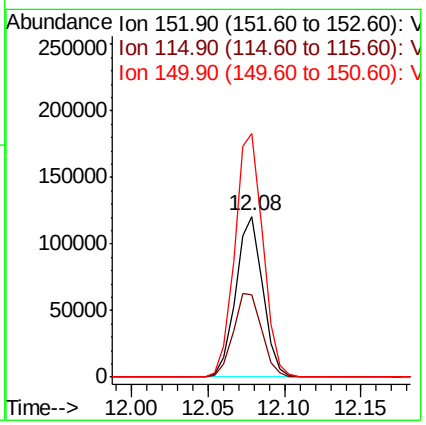


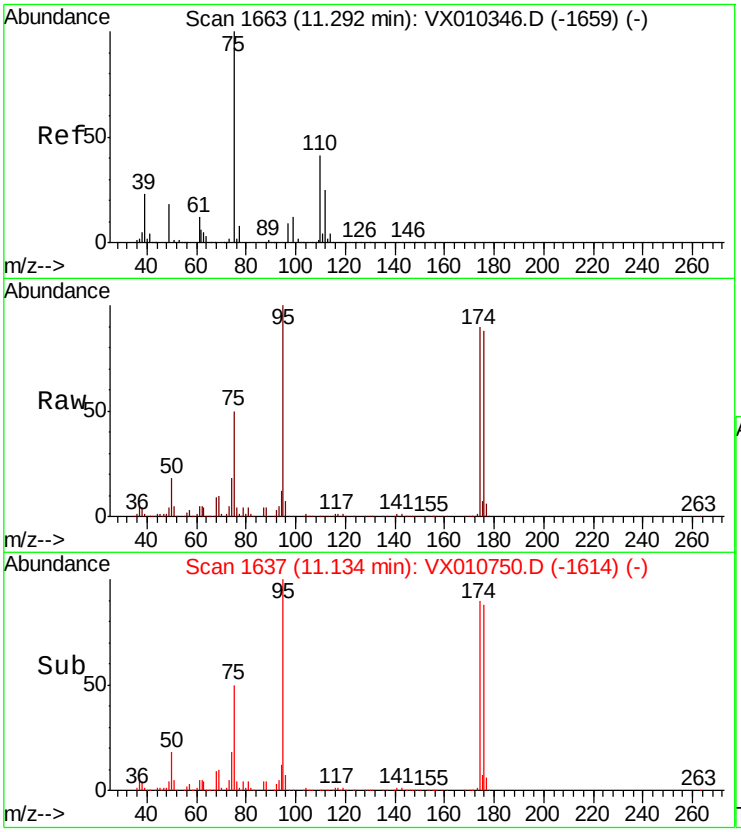


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion:152 Resp: 147362

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	115.7
150	157.4	0.0	347.4



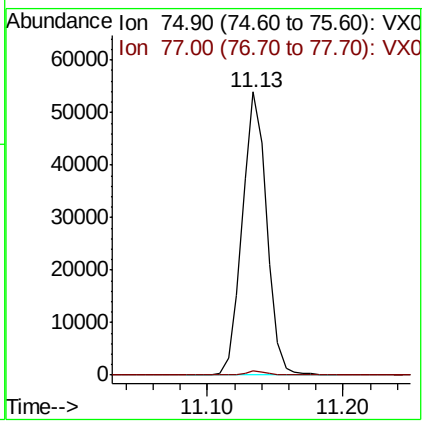


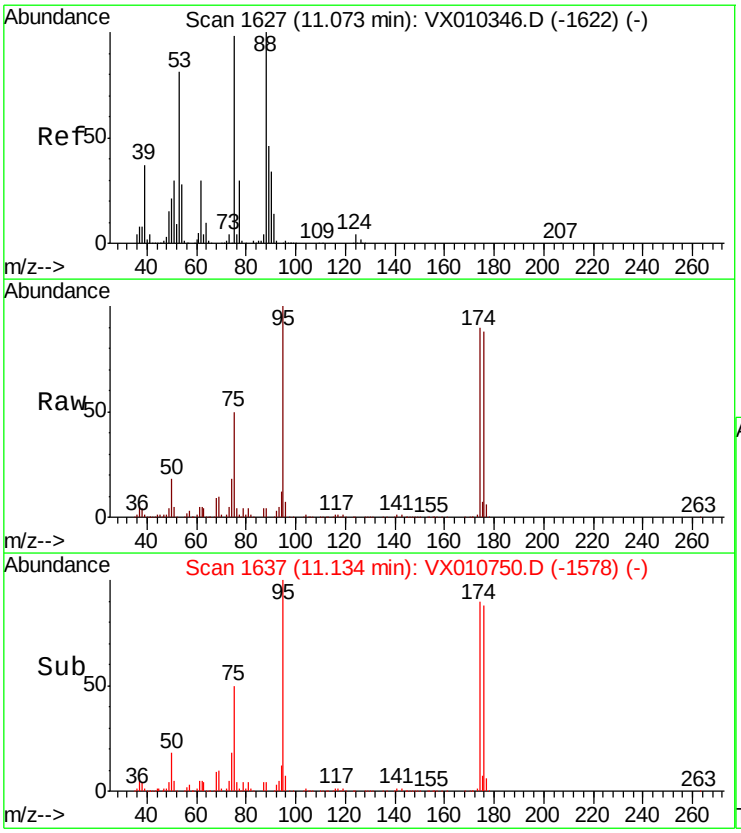
#76
1,2,3-Trichloropropane
Concen: 25.113 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 75 Resp: 67436

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.6	67.8#

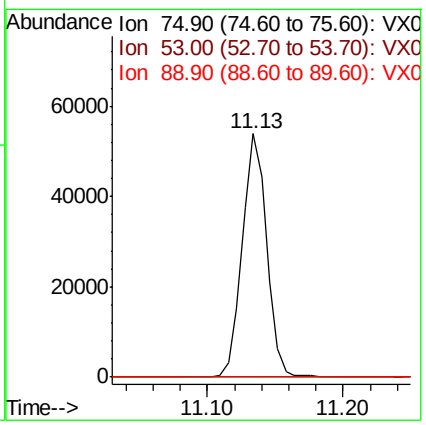


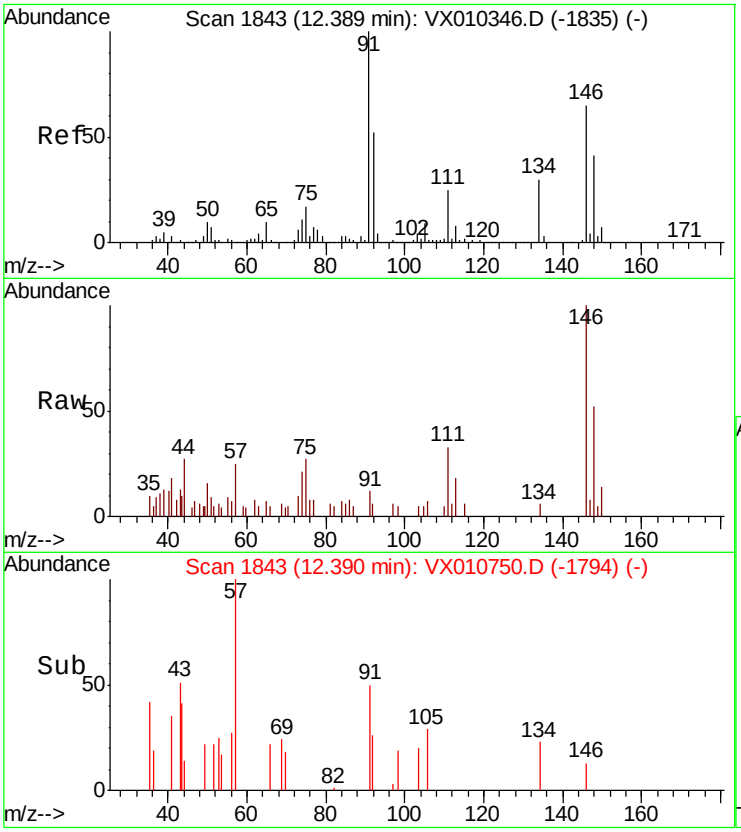


#81
trans-1,4-Dichloro-2-butene
Concen: 58.586 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Tgt Ion: 75 Resp: 67436

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.1	99.1#
89	0.0	37.8	56.6#





#91
1,2-Dichlorobenzene
Concen: 0.312 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010750.D
Acq: 09 Jul 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:146 Resp: 1508

Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.2	57.6
148	63.9	32.0	96.0