Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040219\
Data File : VX008591.D
Acq On : 02 Apr 2019 13:13
Operator : JC/SP
Sample : K2187-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-TRACK-86-87

Quant Time: Apr 03 03:31:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.02	128	34141	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	195109	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	165327	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	86722	30.36	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.20%				
60) 4-Bromofluorobenzene	11.13	95	80927	28.09	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.63%				
63) Toluene-d8	8.71	98	243240	31.00	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.33%				
Target Compounds							Qvalue
15) Acetone	2.44	58	6766	13.543	ug/l		98
18) Methylene Chloride	2.85	84	1713	0.663	ug/l		97
30) 2-Butanone	4.68	43	701	0.290	ug/l	#	68
56) Bromoform	11.14	173	536	0.305	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.13	75	41814	33.001	ug/l	#	5
79) tert-butylbenzene	12.06	119	2841	0.311	ug/l		99
82) p-Isopropyltoluene	12.06	119	2841	0.311	ug/l		99
91) Naphthalene	13.83	128	6200	0.589	ug/l		99

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

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Quant Time: Apr 03 03:31:31 2019
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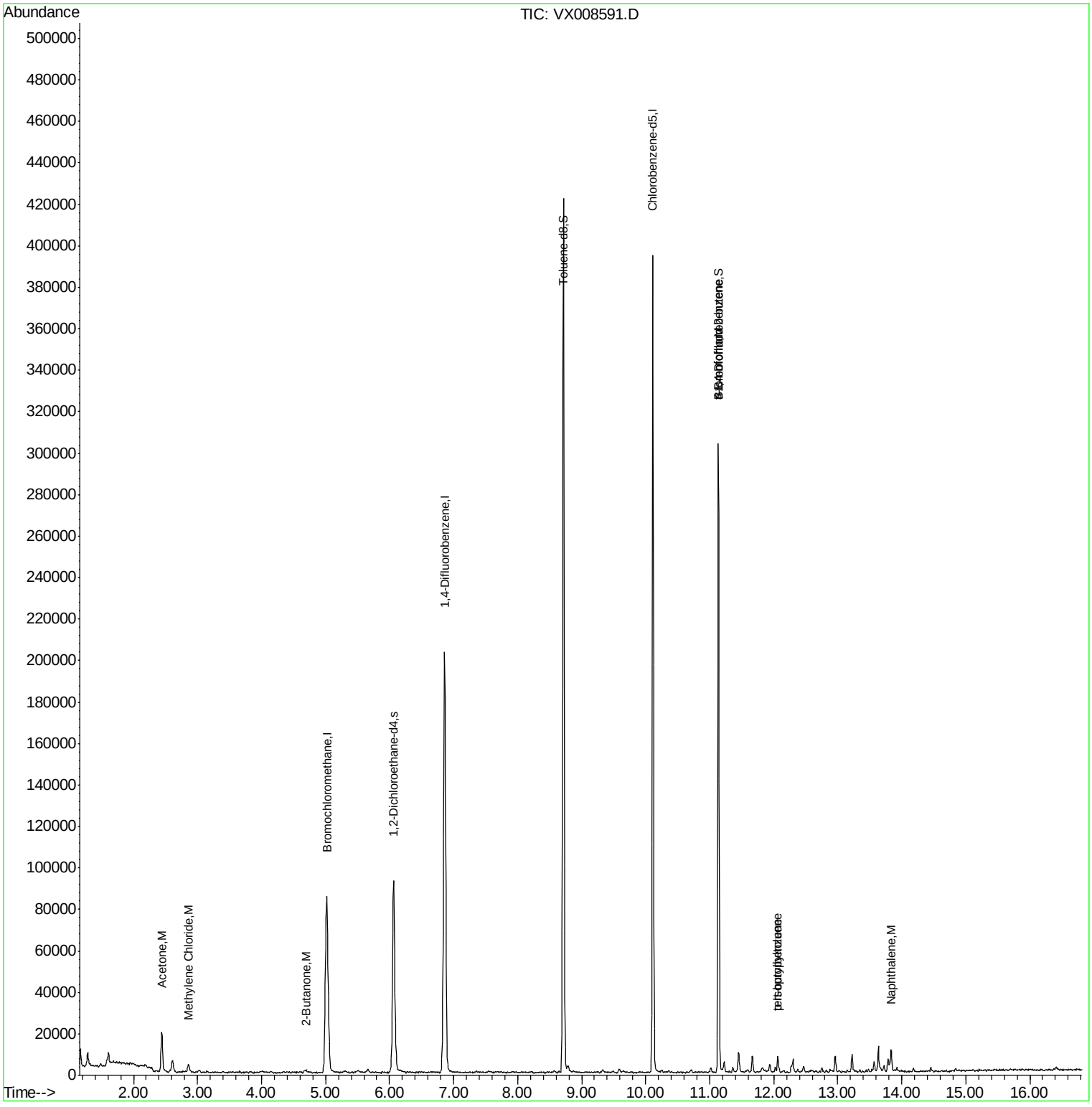
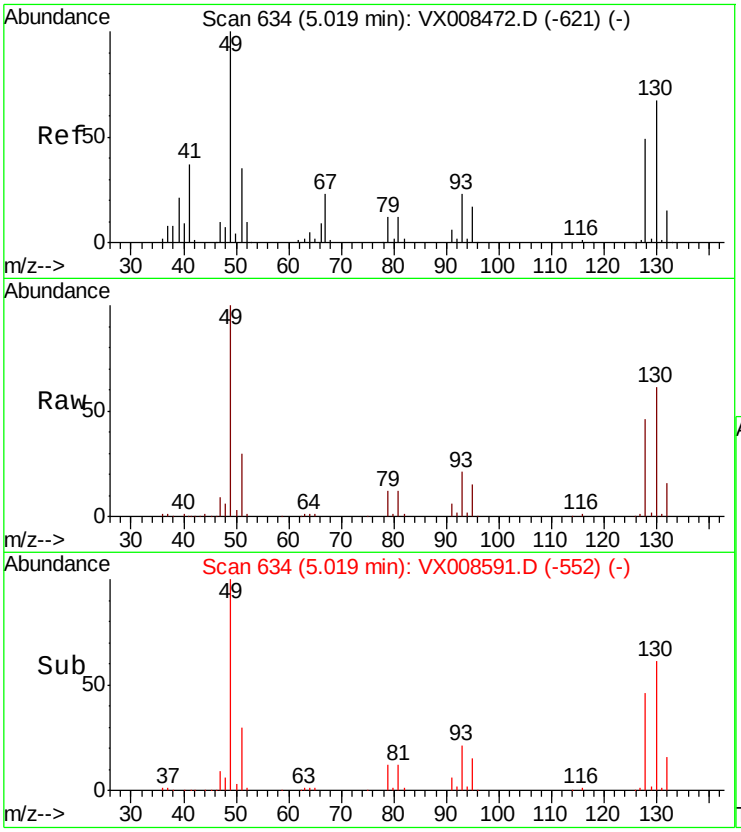
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration



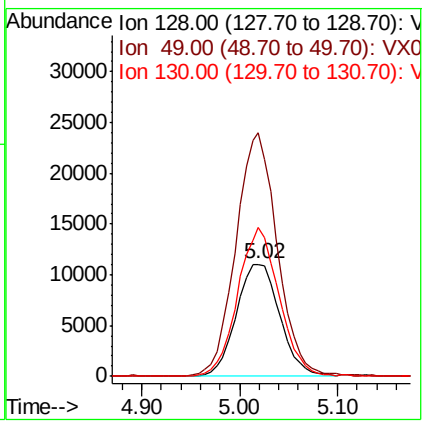


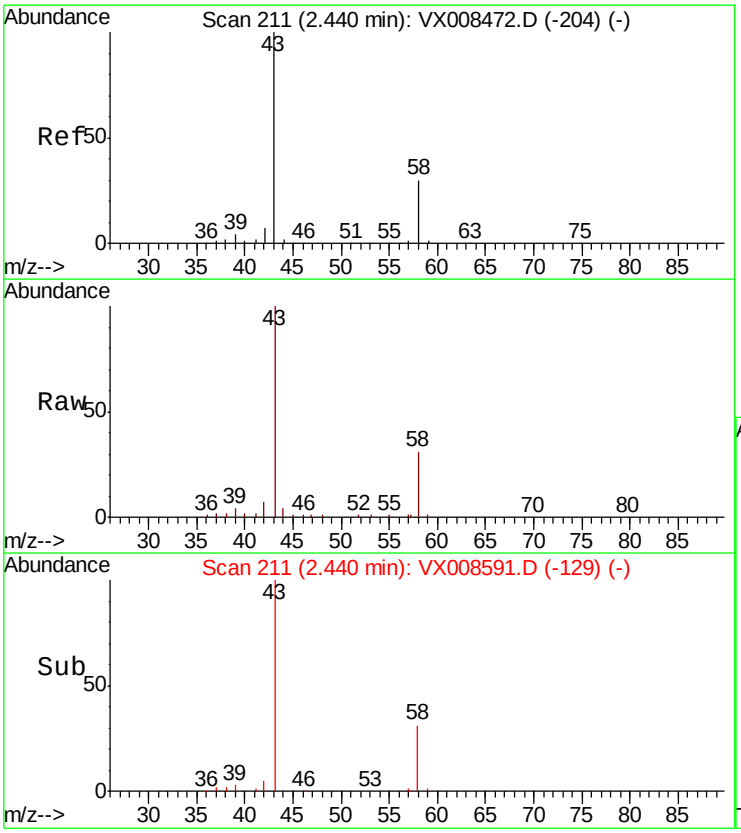
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

Tgt Ion:128 Resp: 34141

Ion	Ratio	Lower	Upper
128	100		
49	207.1	0.0	350.8
130	126.0	0.0	325.8

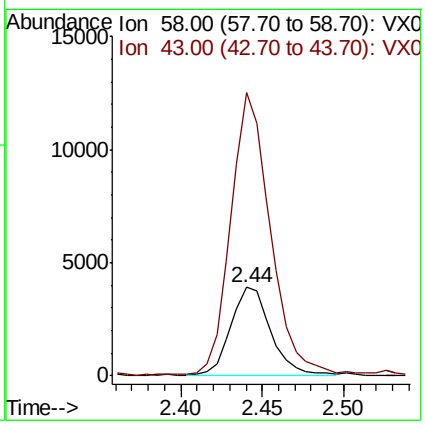


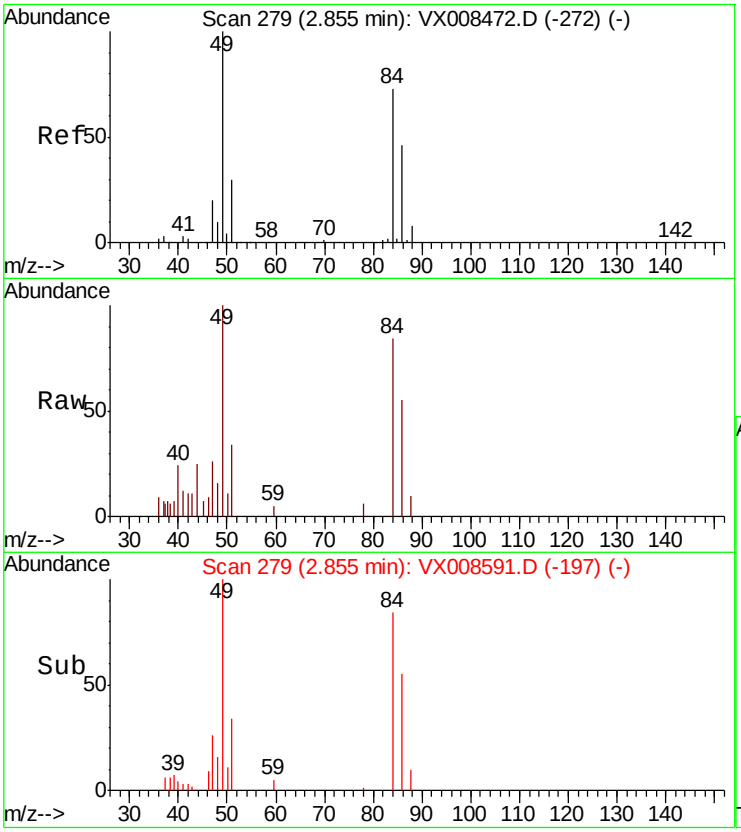


#15
Acetone
Concen: 13.543 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion: 58 Resp: 6766

Ion	Ratio	Lower	Upper
58	100		
43	317.1	249.8	374.6



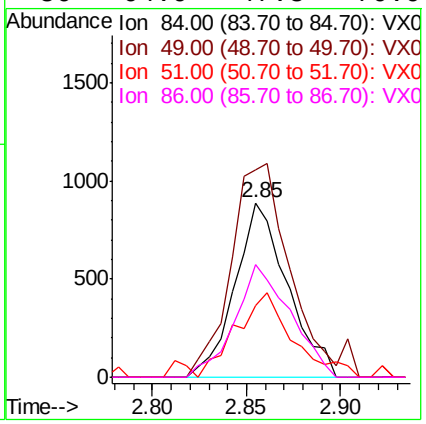


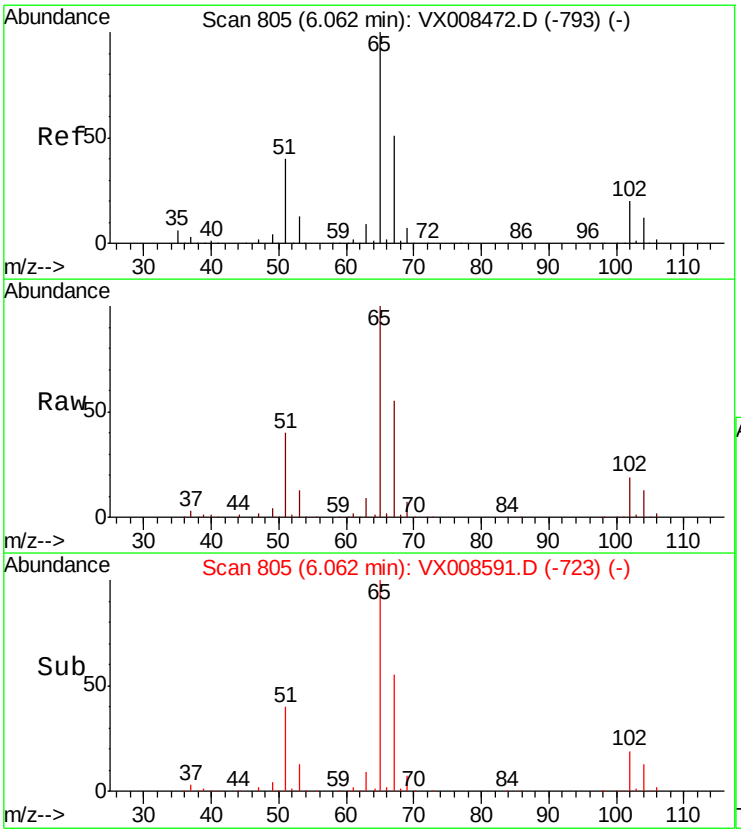
#18
Methylene Chloride
Concen: 0.663 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

Tgt Ion: 84 Resp: 1713

Ion	Ratio	Lower	Upper
84	100		
49	118.9	96.1	144.1
51	34.2	29.1	43.7
86	64.9	47.3	70.9

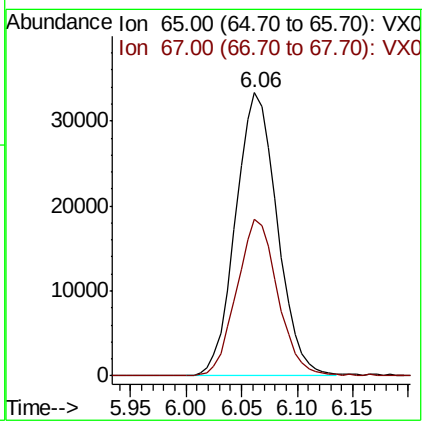


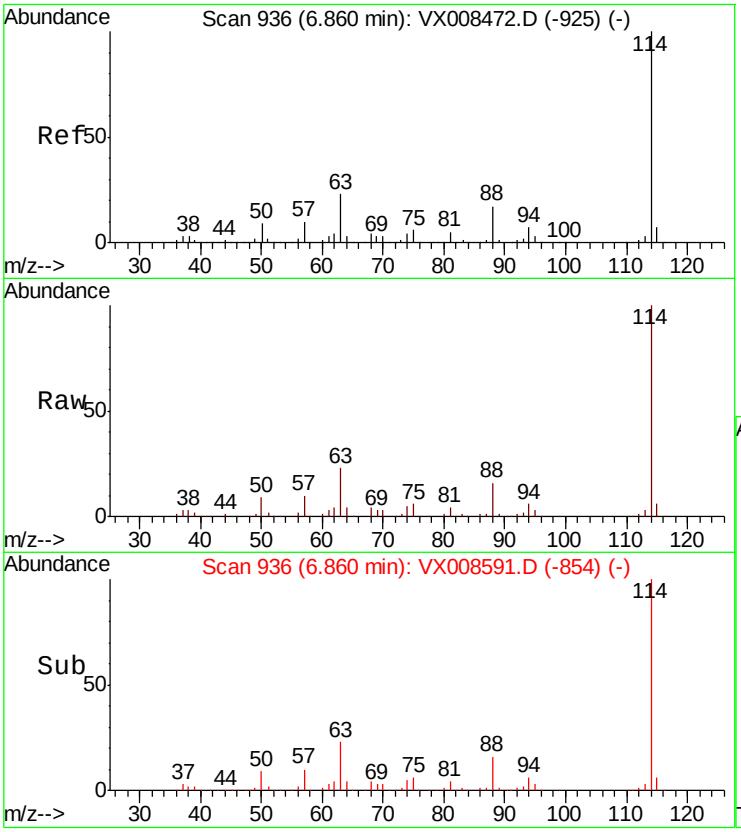


#27
1,2-Dichloroethane-d4
Concen: 30.364 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion: 65 Resp: 86722

Ion	Ratio	Lower	Upper
65	100		
67	54.5	42.9	64.3



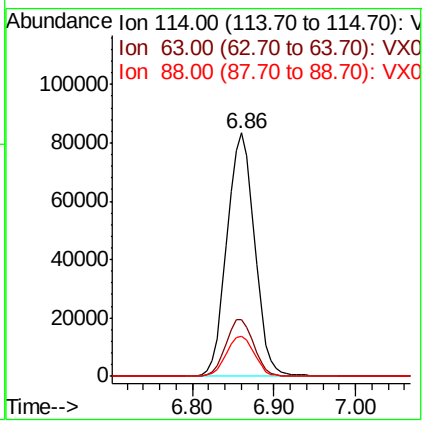


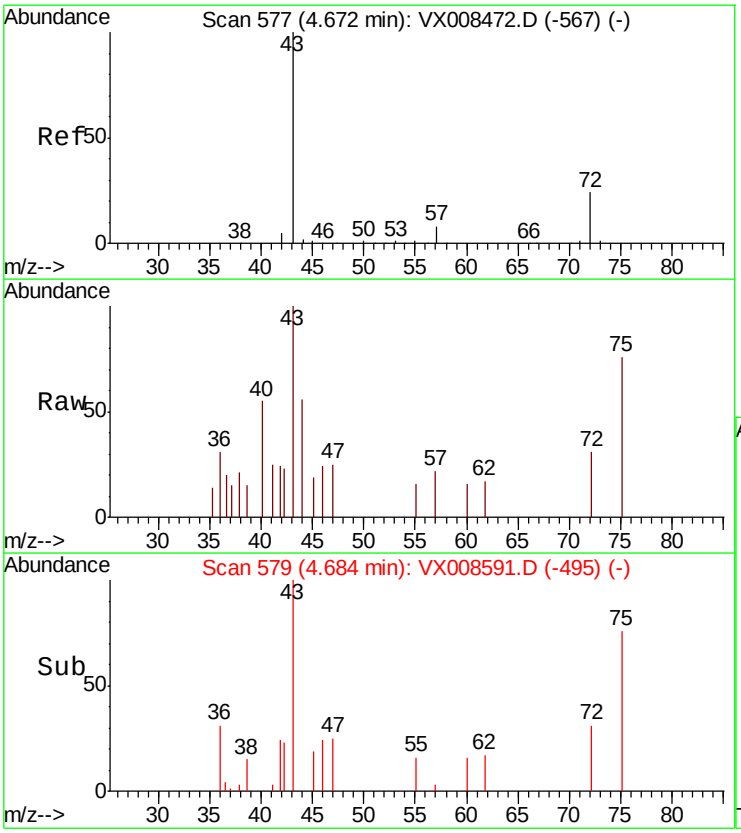
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

Tgt Ion:114 Resp: 195109

Ion	Ratio	Lower	Upper
114	100		
63	23.7	14.2	21.4#
88	16.7	11.9	17.9

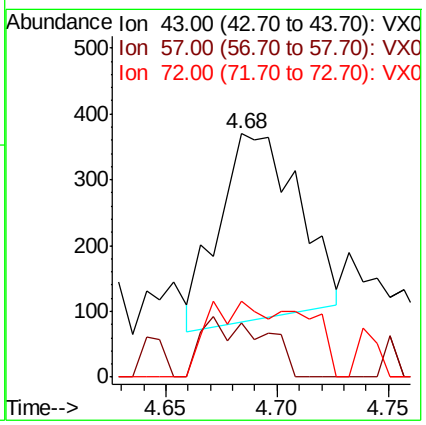


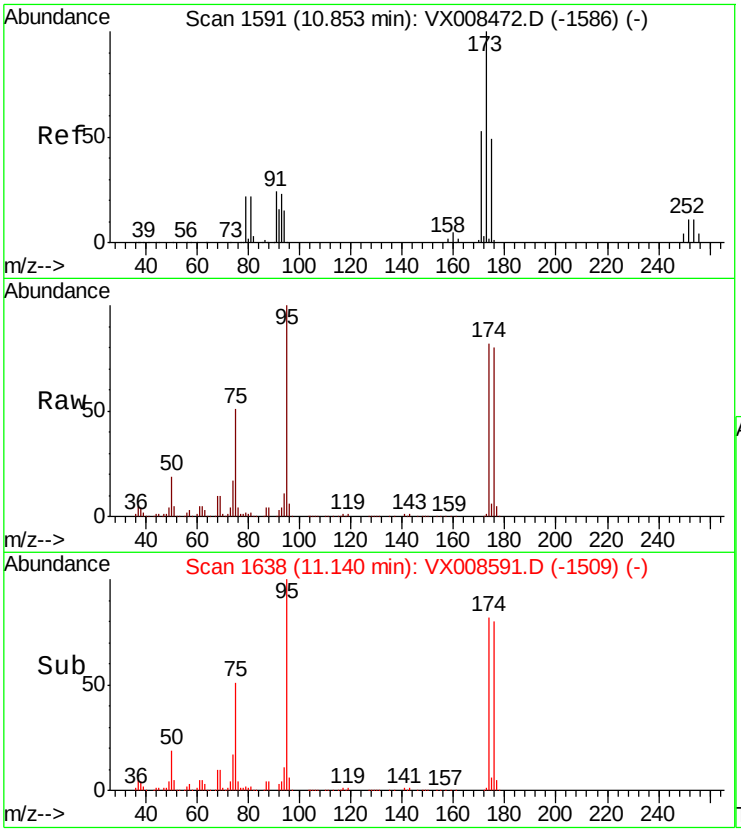


#30
2-Butanone
Concen: 0.290 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion: 43 Resp: 701

Ion	Ratio	Lower	Upper
43	100		
57	6.8	7.0	10.6#
72	6.1	21.5	32.3#



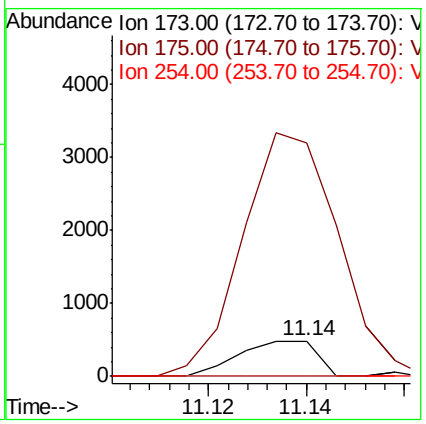


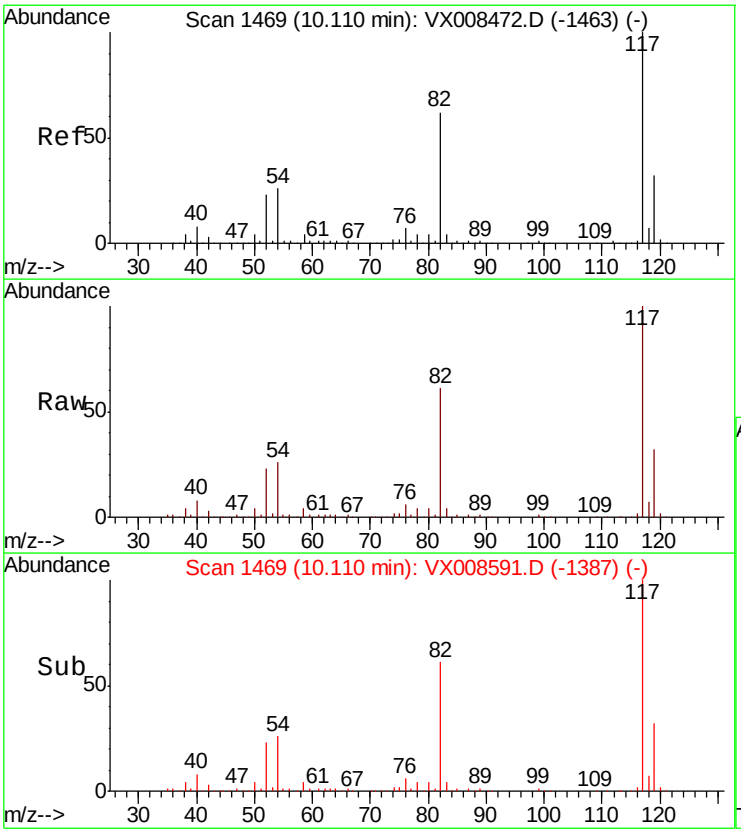
#56
Bromoform
Concen: 0.305 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.29 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

Tgt Ion:173 Resp: 536

Ion	Ratio	Lower	Upper
173	100		
175	847.9	38.5	57.7#
254	0.0	7.4	11.2#

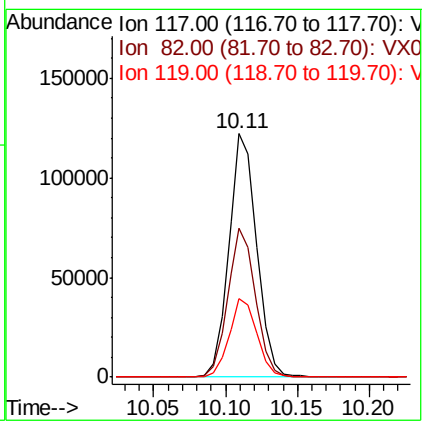


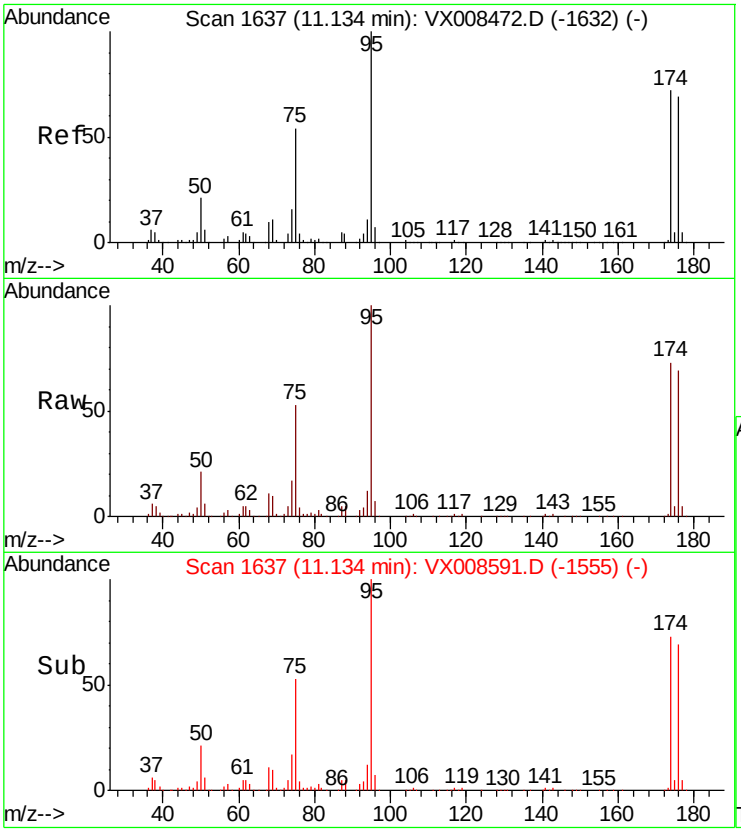


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion:117 Resp: 165327

Ion	Ratio	Lower	Upper
117	100		
82	60.9	40.4	60.6#
119	32.2	25.8	38.6



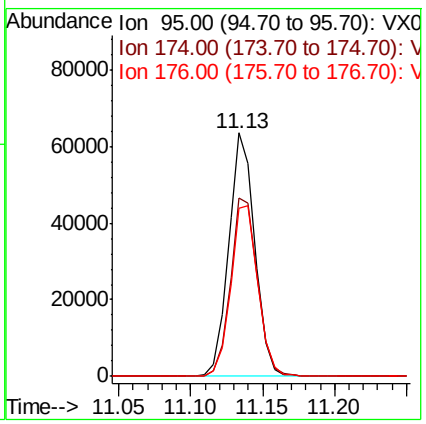


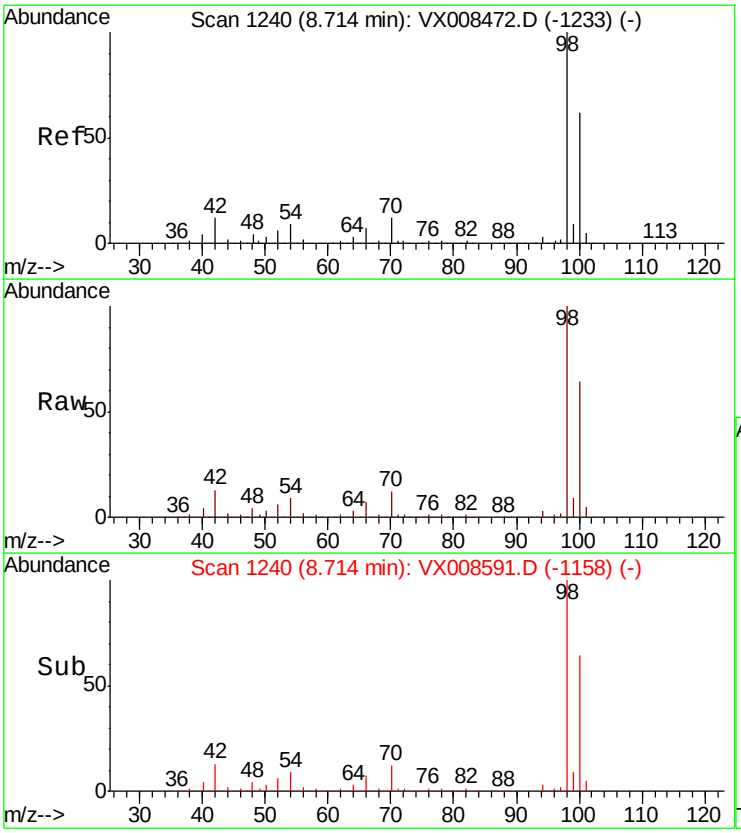
#60
4-Bromofluorobenzene
Concen: 28.094 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

Tgt Ion: 95 Resp: 80927

Ion	Ratio	Lower	Upper
95	100		
174	75.5	74.9	112.3
176	72.6	70.7	106.1

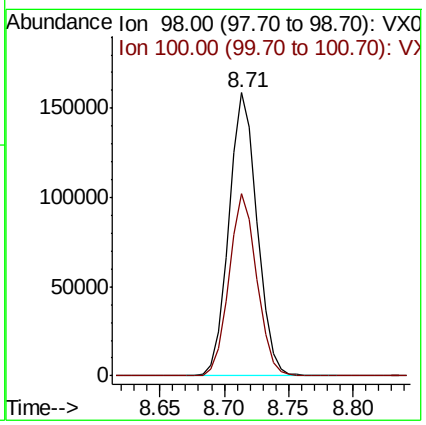


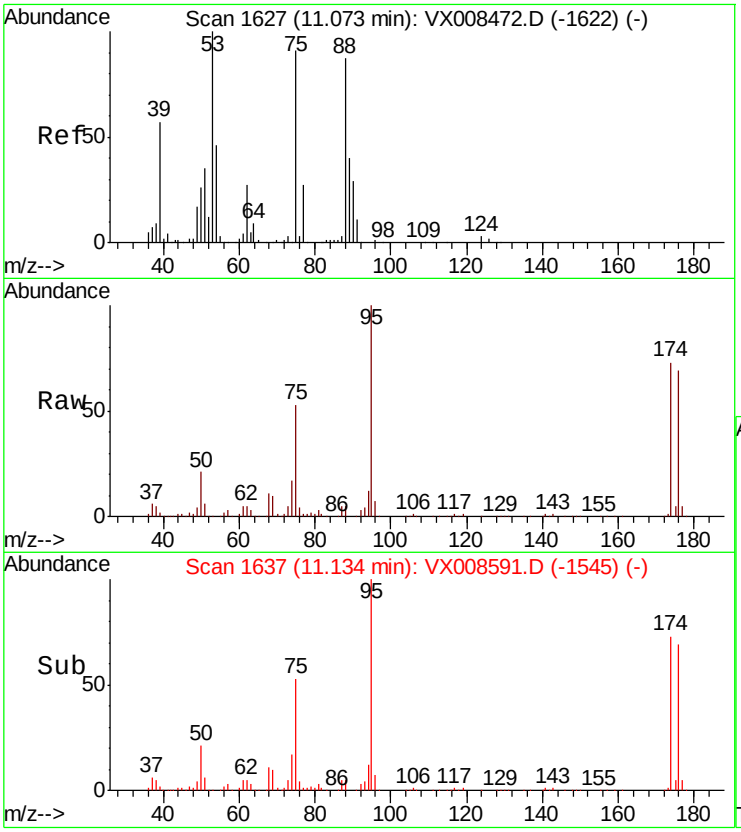


#63
Toluene-d8
Concen: 30.995 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion: 98 Resp: 243240

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3



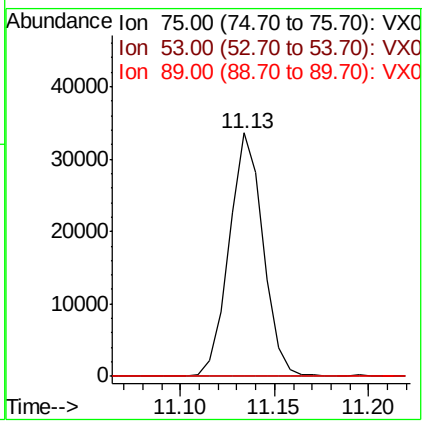


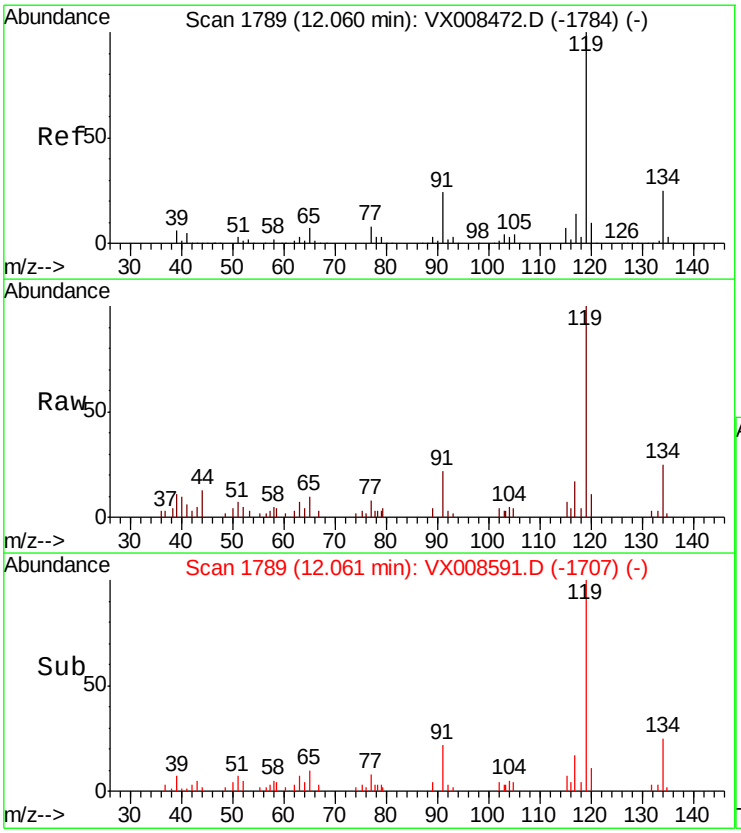
#77
t-1,4-Dichloro-2-butene
Concen: 33.001 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

Tgt Ion: 75 Resp: 41814

Ion	Ratio	Lower	Upper
75	100		
53	0.0	55.5	166.7#
89	0.0	24.4	73.2#

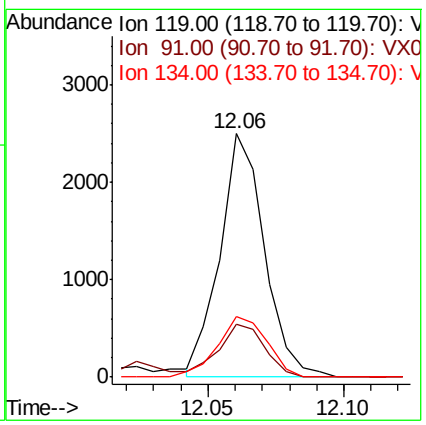


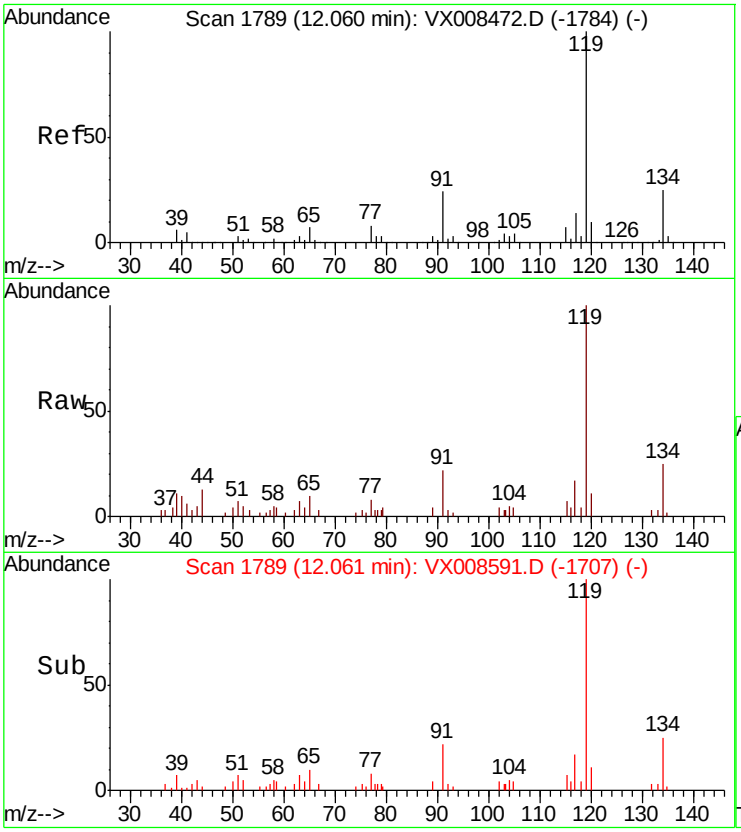


#79
tert-butylbenzene
Concen: 0.311 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion:119 Resp: 2841

Ion	Ratio	Lower	Upper
119	100		
91	23.1	0.0	45.0
134	27.3	0.0	55.4



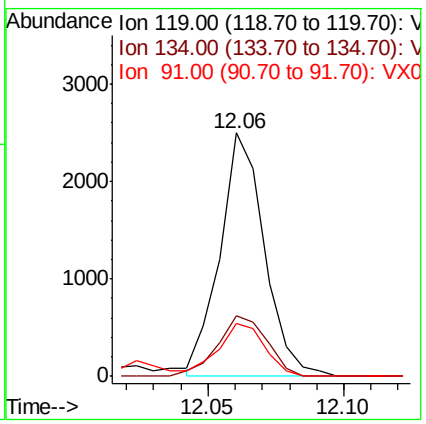


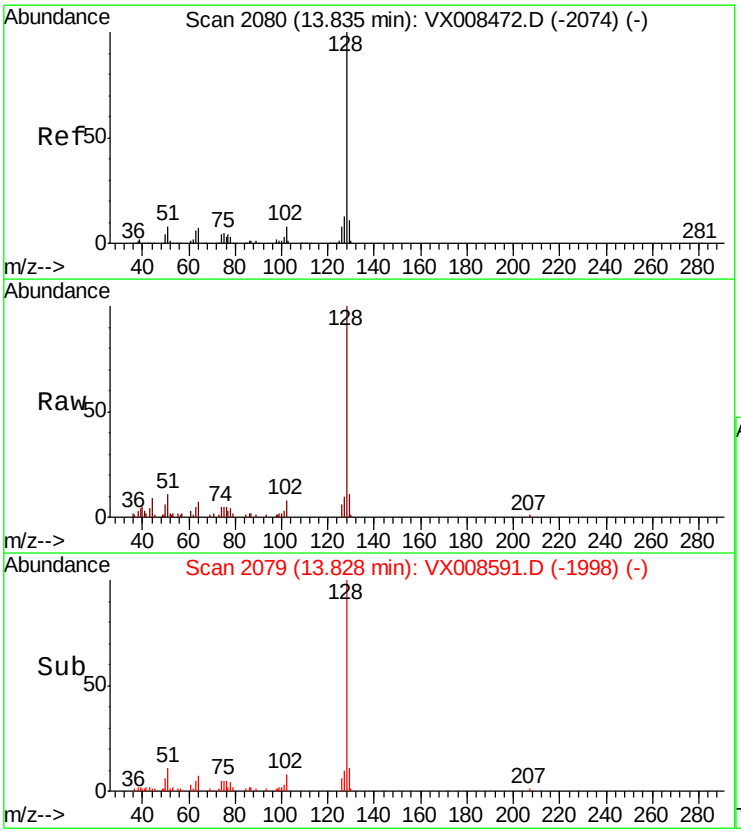
#82
p-Isopropyltoluene
Concen: 0.311 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Instrument : MSVOA_X
ClientSampleId : TP-TRACK-86-87

Tgt Ion:119 Resp: 2841

Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	55.4
91	23.1	0.0	45.0





#91
Naphthalene
Concen: 0.589 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion:128 Resp: 6200

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.7	8.9	13.3