Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090518\
Data File : VD059975.D
Acq On : 5 Sep 2018 18:02
Operator : JC/SY
Sample : J4724-15
Misc : 5.32g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Quant Time: Sep 05 18:25:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1285262	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1821939	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1406732	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.29	152	149229	50.00	ug/l	-0.09
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	615579	56.83	ug/l	-0.04
Spiked Amount 50.000			Recovery = 113.66%			
35) Dibromofluoromethane	6.29	113	776825	54.38	ug/l	-0.04
Spiked Amount 50.000			Recovery = 108.76%			
50) Toluene-d8	9.44	98	2137424	53.92	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.84%			
62) 4-Bromofluorobenzene	12.42	95	573390	35.61	ug/l	-0.02
Spiked Amount 50.000			Recovery = 71.22%			
Target Compounds						Qvalue
16) Acetone	3.14	43	39396	19.961	ug/l #	86
18) Methyl Acetate	3.53	43	11242	2.729	ug/l #	89
20) Methylene Chloride	3.70	84	30948	Below Cal		90
25) 2-Butanone	5.61	43	9600	1.642	ug/l	98
31) Cyclohexane	6.37	56	25514	1.237	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	92436	5.597	ug/l #	46
38) Carbon Tetrachloride	6.38	117	99756	5.985	ug/l #	15
39) Methylcyclohexane	8.02	83	19520	1.094	ug/l	92
51) 4-Methyl-2-Pentanone	9.42	43	54687	4.387	ug/l	89
55) 1,1,2-Trichloroethane	10.23	97	17896	1.778	ug/l #	59
56) Ethyl methacrylate	10.09	69	70294	6.051	ug/l #	1
59) 2-Hexanone	10.44	43	3151823	342.810	ug/l #	34
68) m/p-Xylenes	11.57	106	54040	3.156	ug/l	76
73) Isopropylbenzene	12.29	105	100112	10.509	ug/l	97
74) N-amyl acetate	12.13	43	6909466	1656.541	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.61	83	1226648	556.705	ug/l #	57
76) 1,2,3-Trichloropropane	12.59	75	5869	2.530	ug/l #	1
78) n-propylbenzene	12.61	91	33569	2.783	ug/l #	56
79) 2-Chlorotoluene	12.65	91	36652	5.373	ug/l	95
80) 1,3,5-Trimethylbenzene	12.82	105	4319797	570.382	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.42	75	95875	132.888	ug/l #	1
82) 4-Chlorotoluene	12.96	91	62665	8.054	ug/l	73
83) tert-Butylbenzene	13.05	119	749389	86.862	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	131124	16.611	ug/l	95
85) sec-Butylbenzene	13.24	105	515784	50.838	ug/l	95
86) p-Isopropyltoluene	13.32	119	3272932	396.660	ug/l	94
89) n-Butylbenzene	13.65	91	1736103	Below Cal	#	1
90) Hexachloroethane	13.86	117	675688	304.977	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.24	75	38562	113.829	ug/l #	1
95) Naphthalene	14.96	128	7255	1.383	ug/l #	57

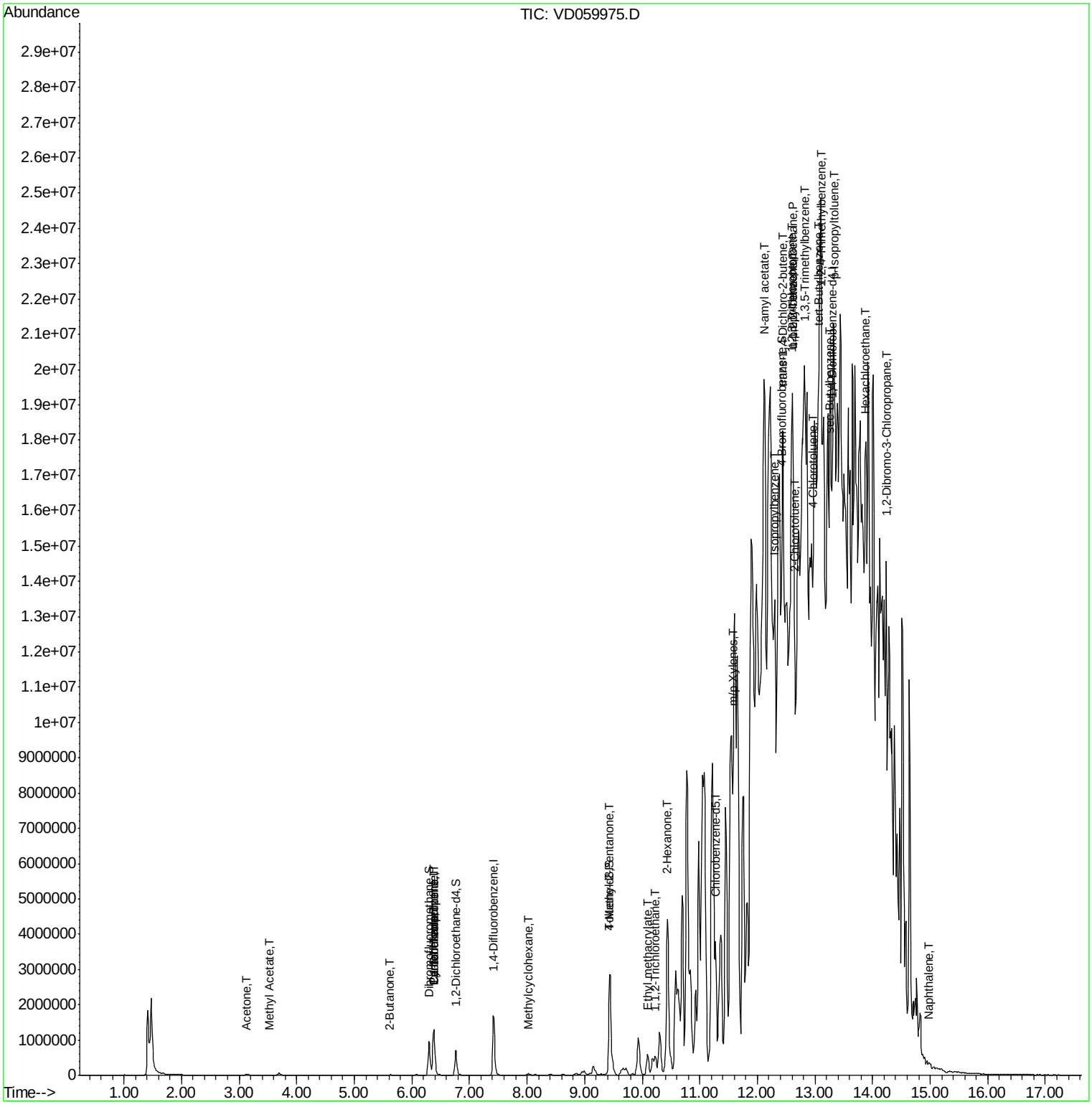
(#) = qualifier out of range (m) = manual integration (+) = signals summed

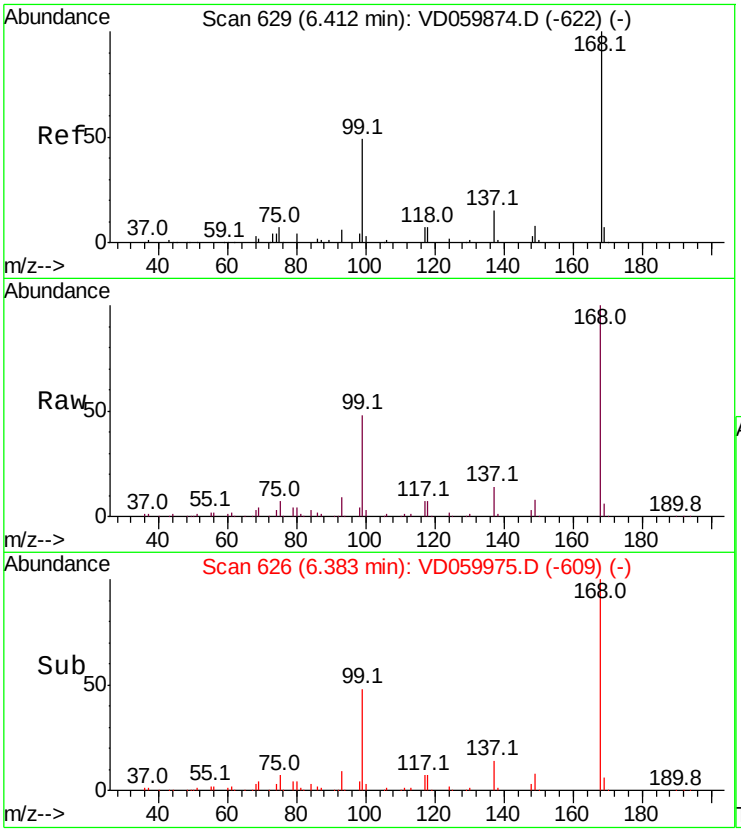
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
Data File : VD059975.D
Acq On : 5 Sep 2018 18:02
Operator : JC/SY
Sample : J4724-15
Misc : 5.32g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Quant Time: Sep 05 18:25:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration



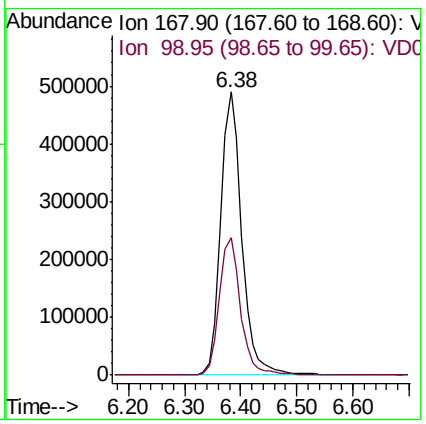


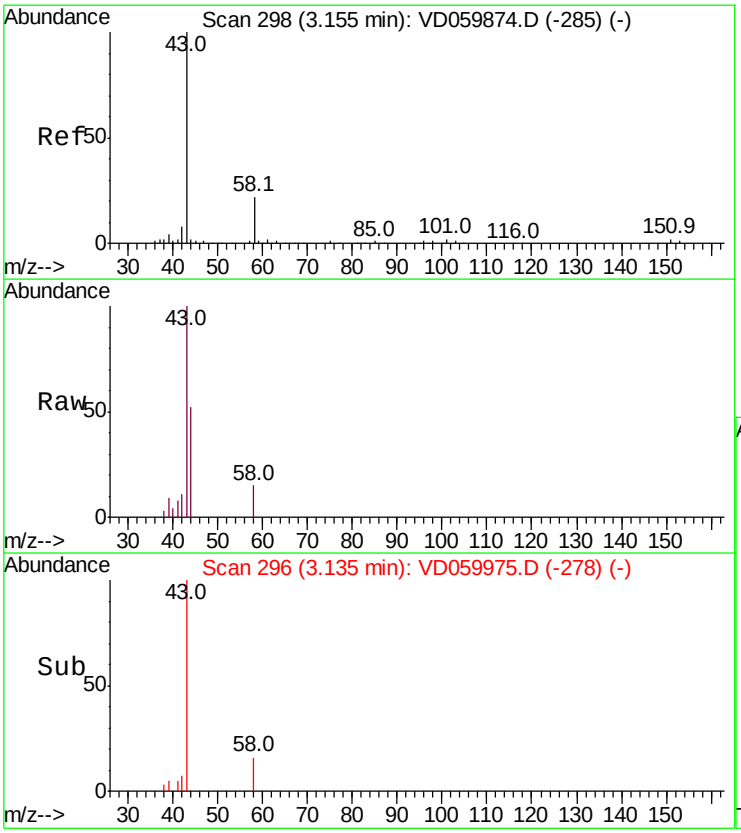
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.03 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion:168 Resp: 1285262

Ion	Ratio	Lower	Upper
168	100		
99	48.4	42.2	63.2

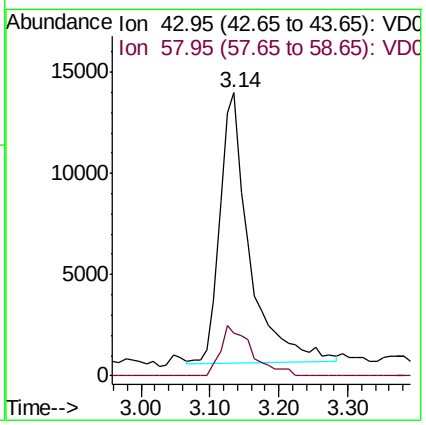


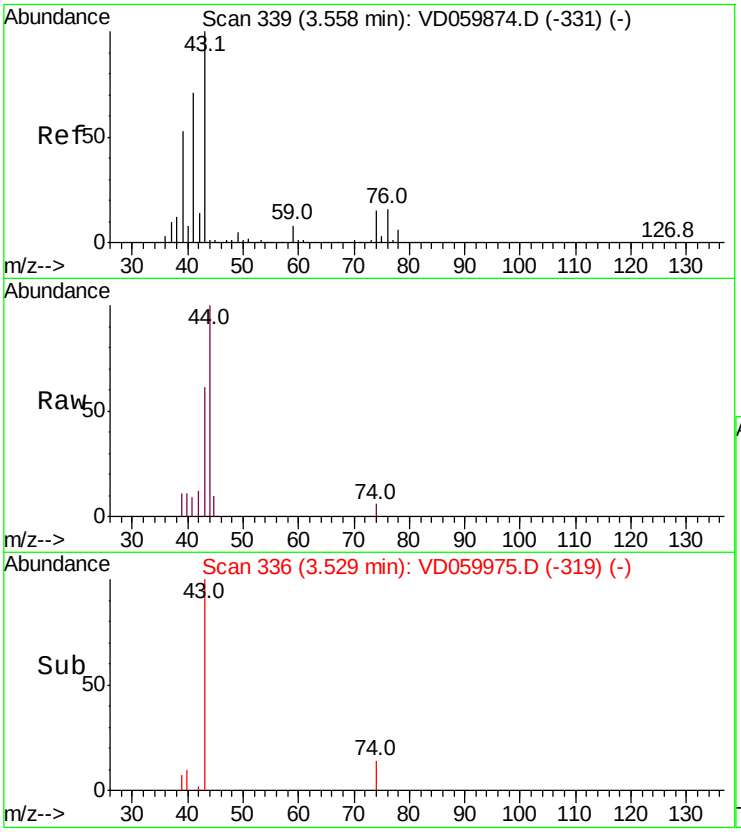


#16
Acetone
Concen: 19.961 ug/l
RT: 3.14 min Scan# 296
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 43 Resp: 39396

Ion	Ratio	Lower	Upper
43	100		
58	15.3	17.6	26.4#



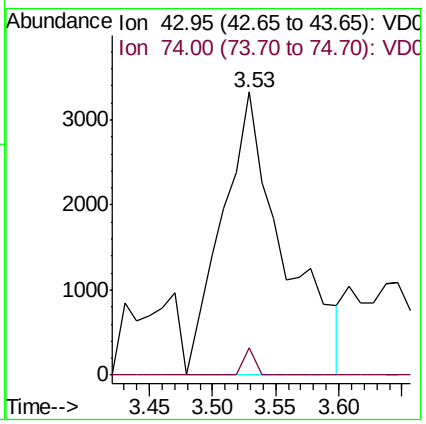


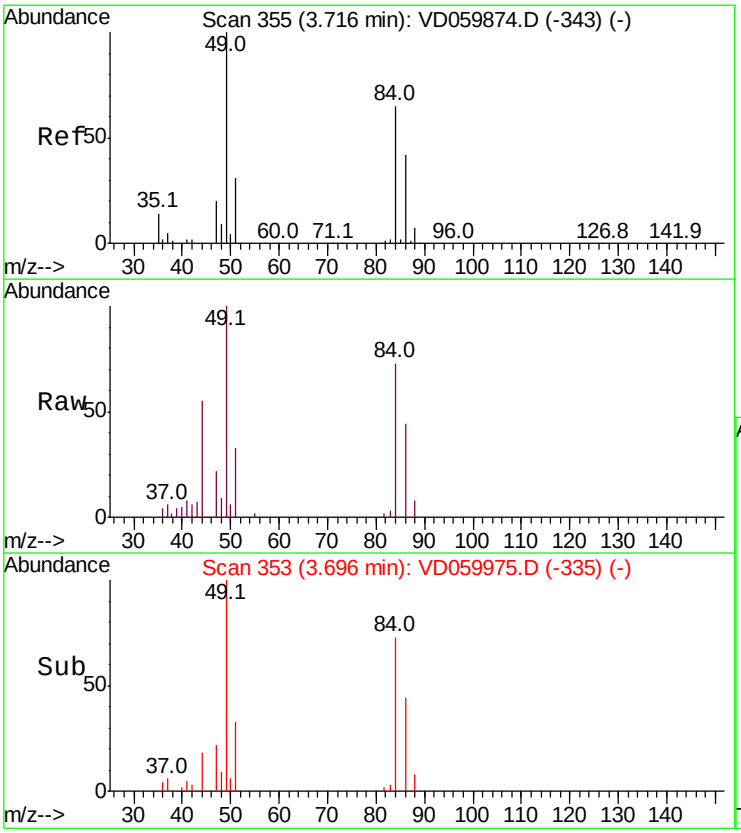
#18
Methyl Acetate
Concen: 2.729 ug/l
RT: 3.53 min Scan# 336
Delta R.T. -0.03 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion: 43 Resp: 11242

Ion	Ratio	Lower	Upper
43	100		
74	9.5	11.2	16.8#

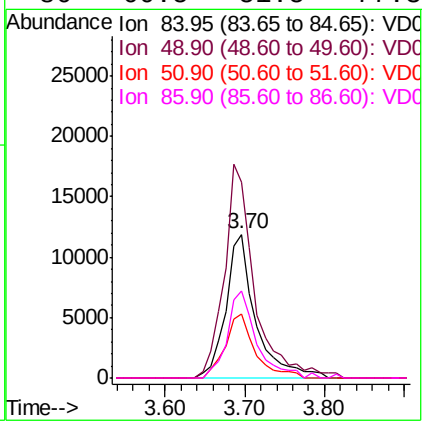


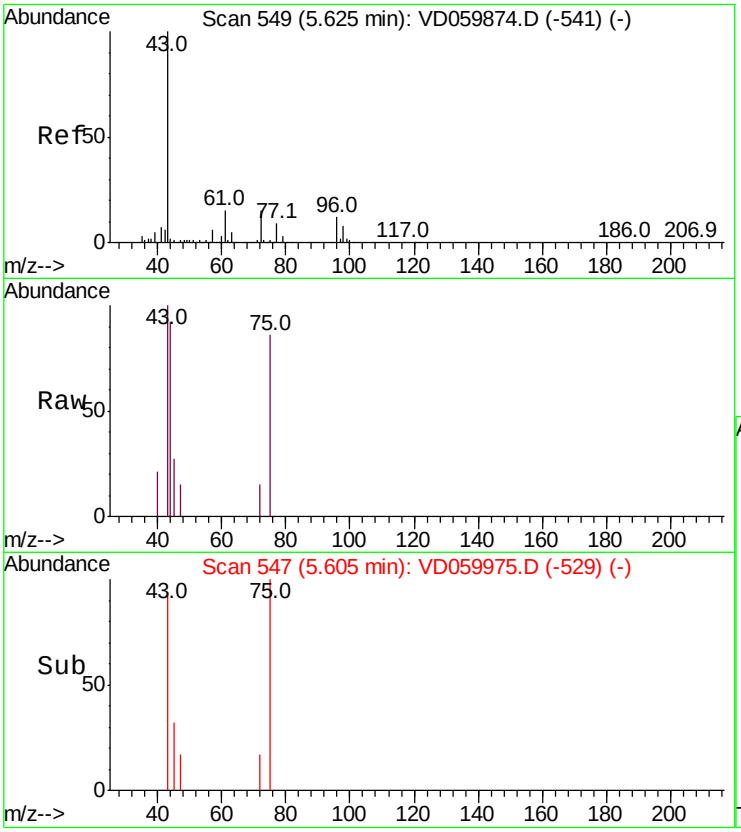


#20
Methylene Chloride
Concen: Below Cal
RT: 3.70 min Scan# 353
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 84 Resp: 30948

Ion	Ratio	Lower	Upper
84	100		
49	136.7	122.6	183.8
51	44.6	38.4	57.6
86	60.5	51.5	77.3



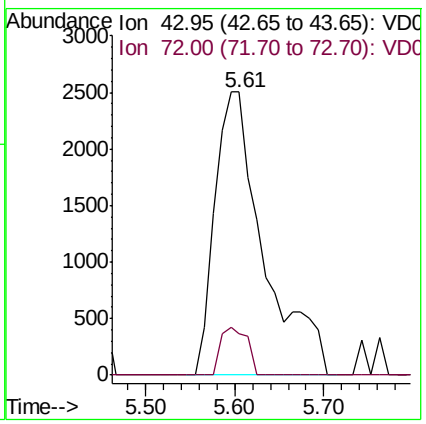


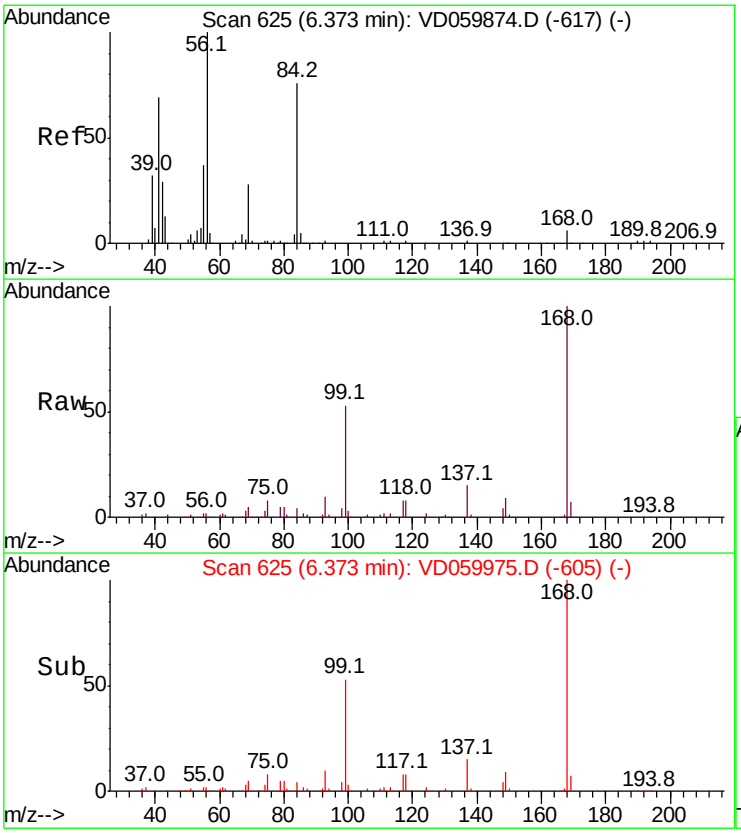
#25
2-Butanone
Concen: 1.642 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion: 43 Resp: 9600

Ion	Ratio	Lower	Upper
43	100		
72	14.6	12.3	18.5

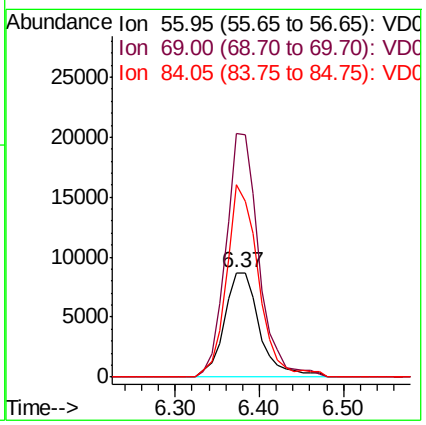


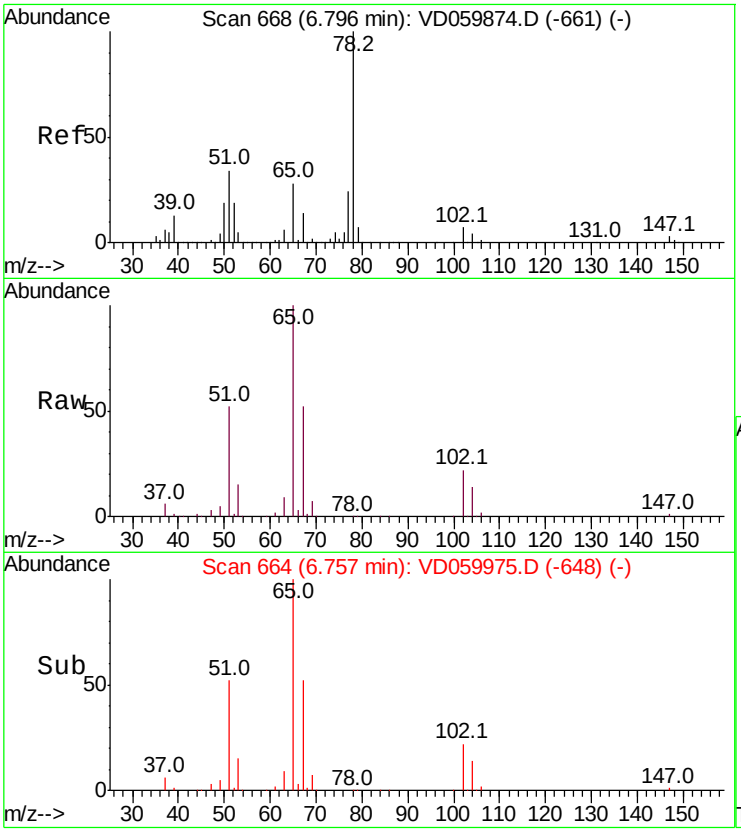


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 6.37 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 56 Resp: 25514

Ion	Ratio	Lower	Upper
56	100		
69	233.8	22.4	33.6#
84	185.3	62.1	93.1#



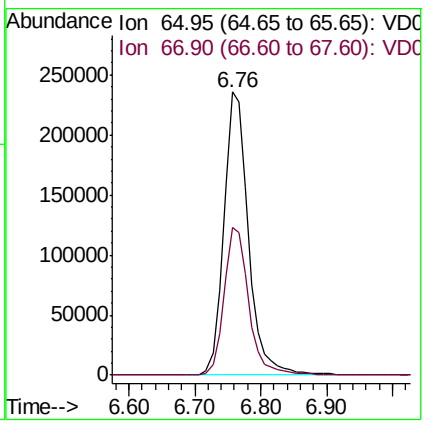


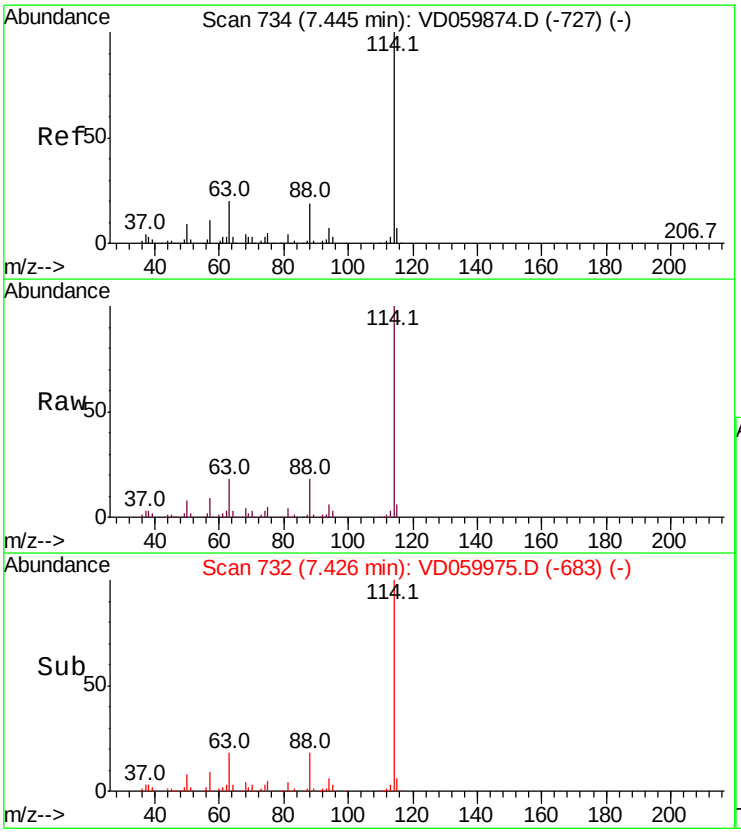
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion: 65 Resp: 615579

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.8

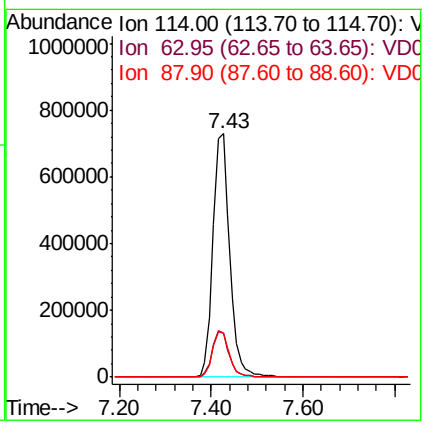


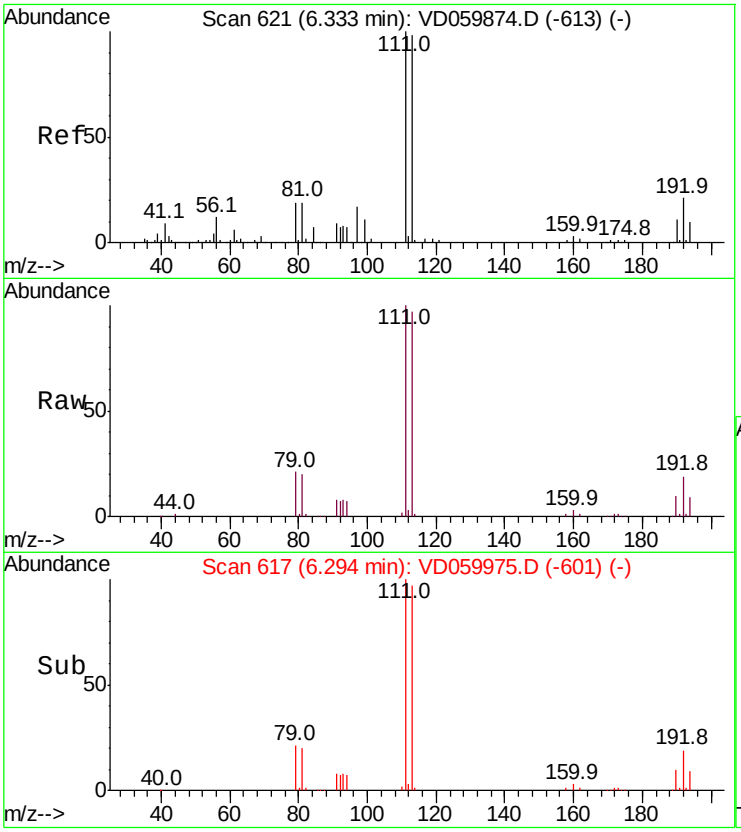


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 732
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:114 Resp: 1821939

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.4
88	18.3	0.0	37.6



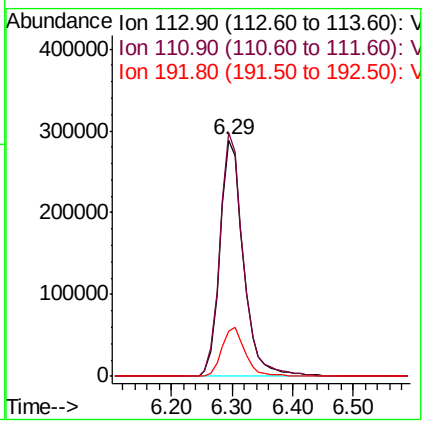


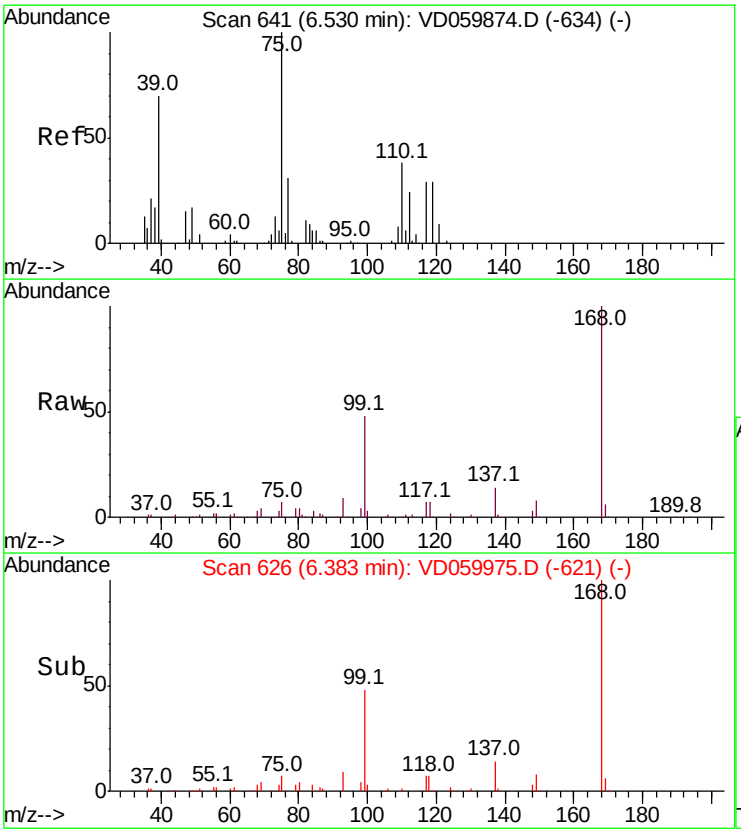
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 617
Delta R.T. -0.04 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion:113 Resp: 776825

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	19.3	17.0	25.6

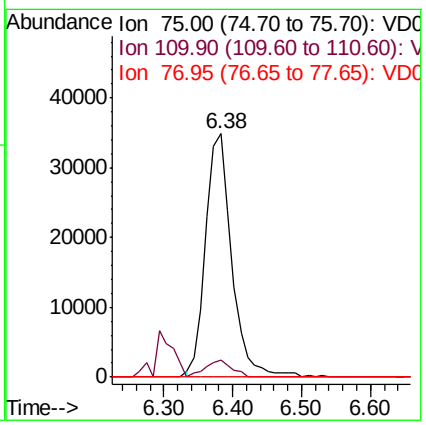


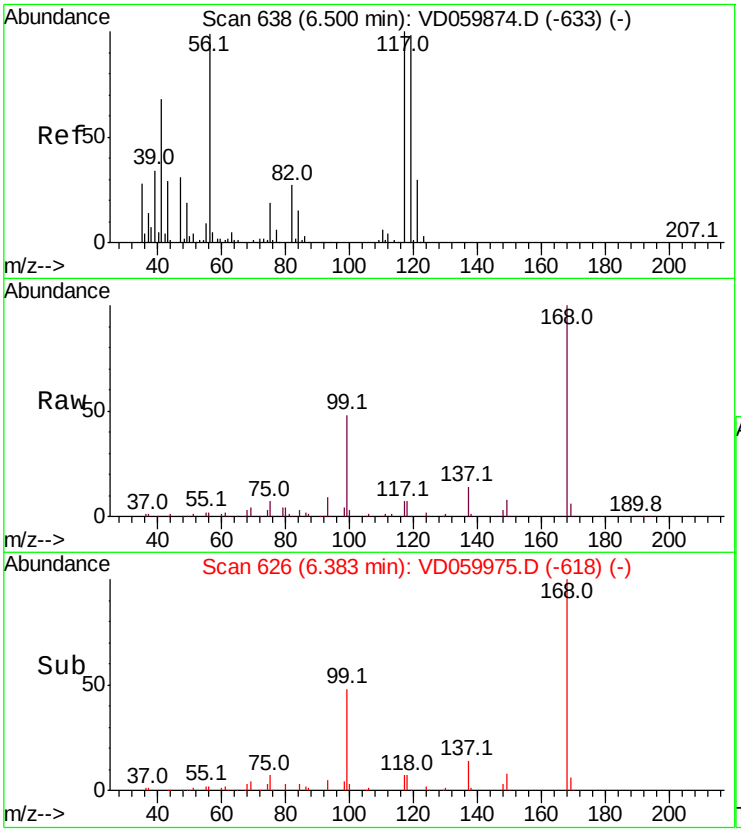


#36
1,1-Dichloropropene
Concen: 5.597 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.15 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 75 Resp: 92436

Ion	Ratio	Lower	Upper
75	100		
110	7.0	18.6	56.0#
77	0.0	25.1	37.7#



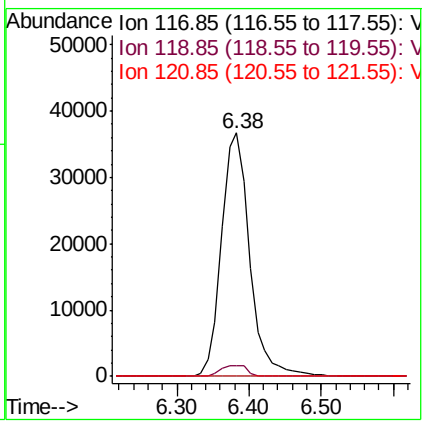


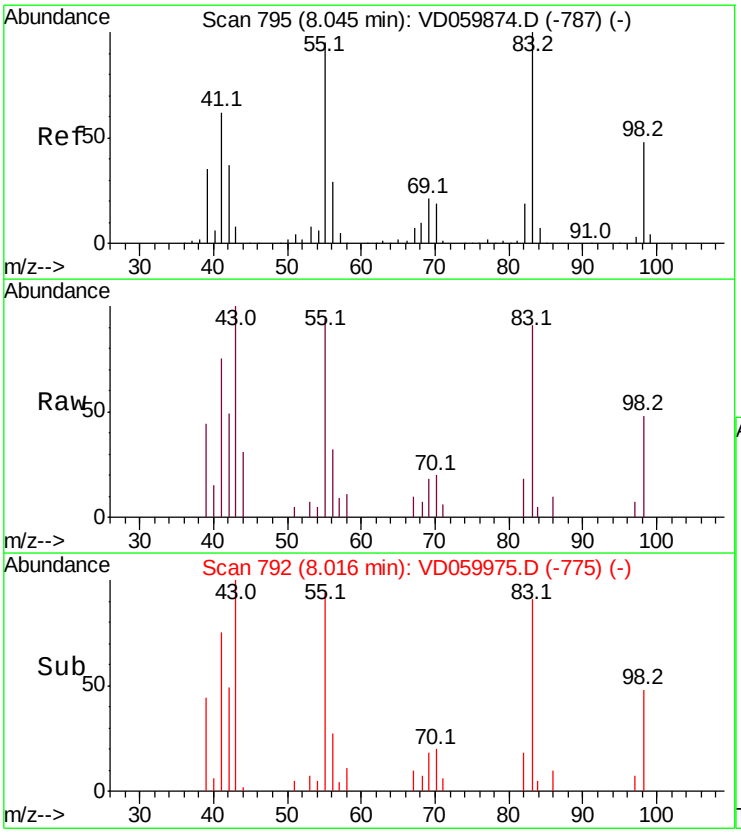
#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.12 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion:117 Resp: 99756

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.2	115.8#
121	0.0	24.0	36.0#

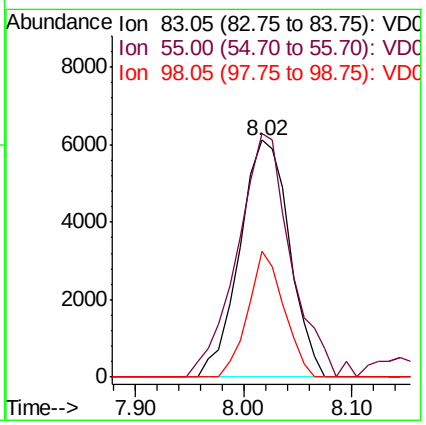


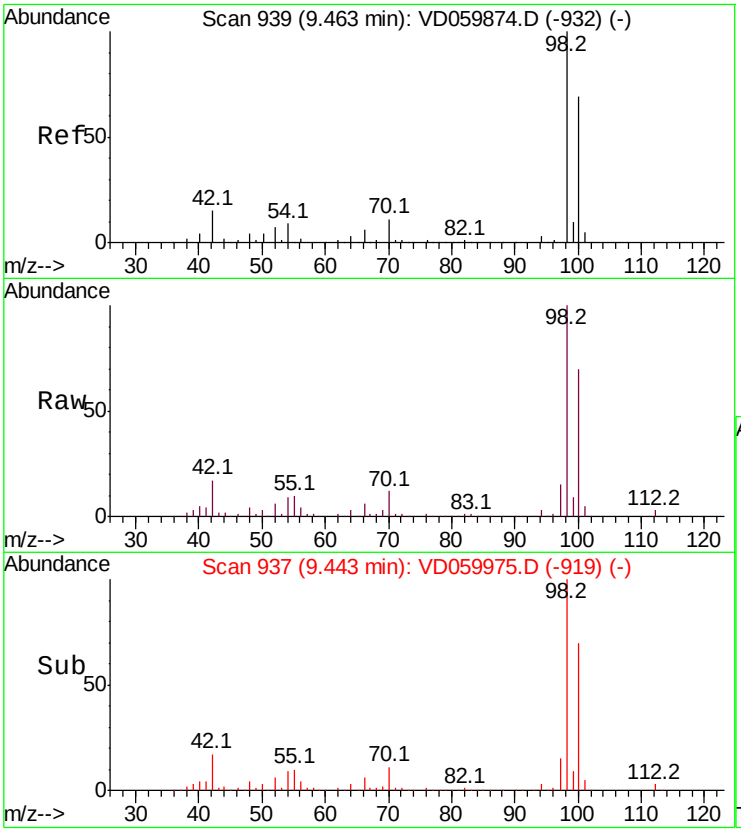


#39
Methylcyclohexane
Concen: 1.094 ug/l
RT: 8.02 min Scan# 792
Delta R.T. -0.03 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 83 Resp: 19520

Ion	Ratio	Lower	Upper
83	100		
55	102.8	75.8	113.6
98	53.0	38.3	57.5



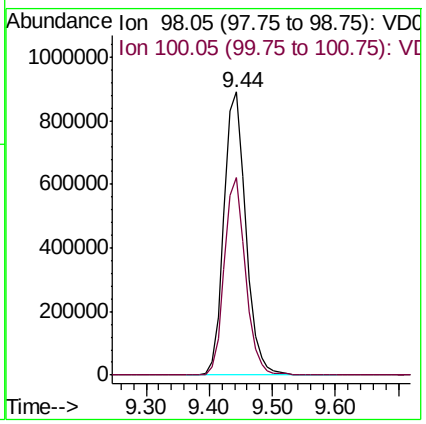


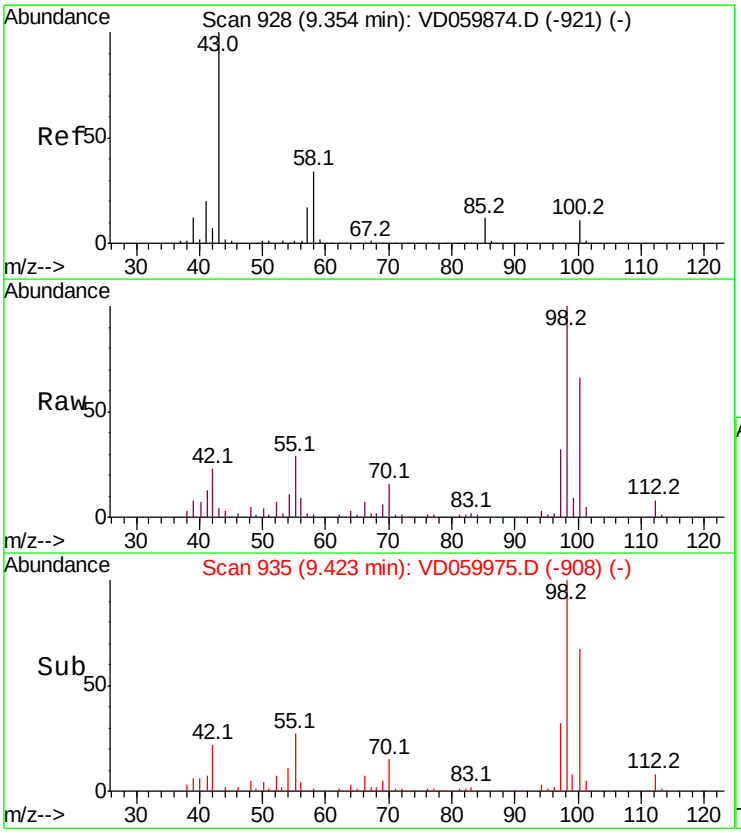
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 937
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion: 98 Resp: 2137424

Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.8	83.6

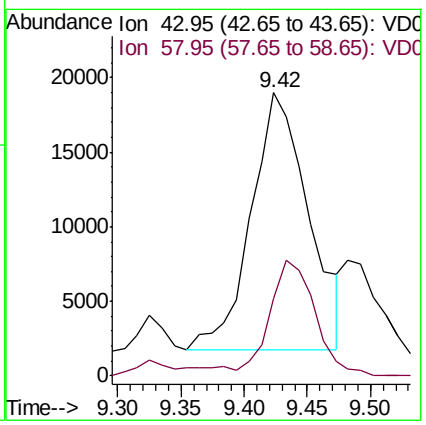


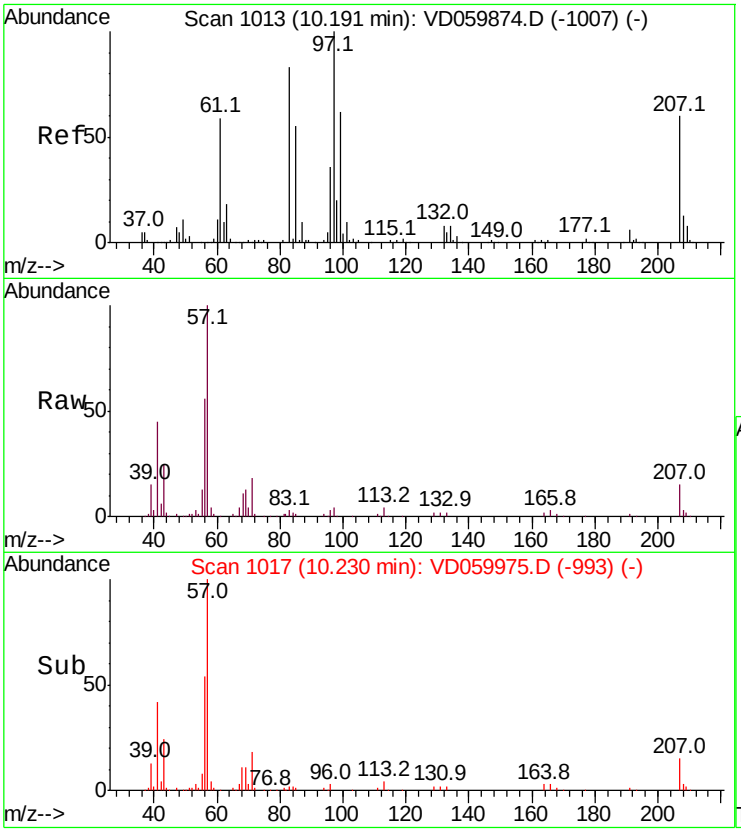


#51
4-Methyl-2-Pentanone
Concen: 4.387 ug/l
RT: 9.42 min Scan# 935
Delta R.T. 0.07 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 43 Resp: 54687

Ion	Ratio	Lower	Upper
43	100		
58	27.2	27.0	40.4



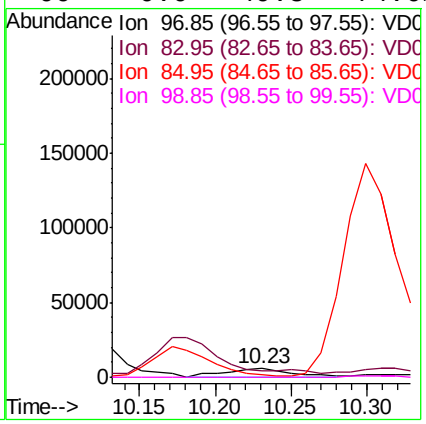


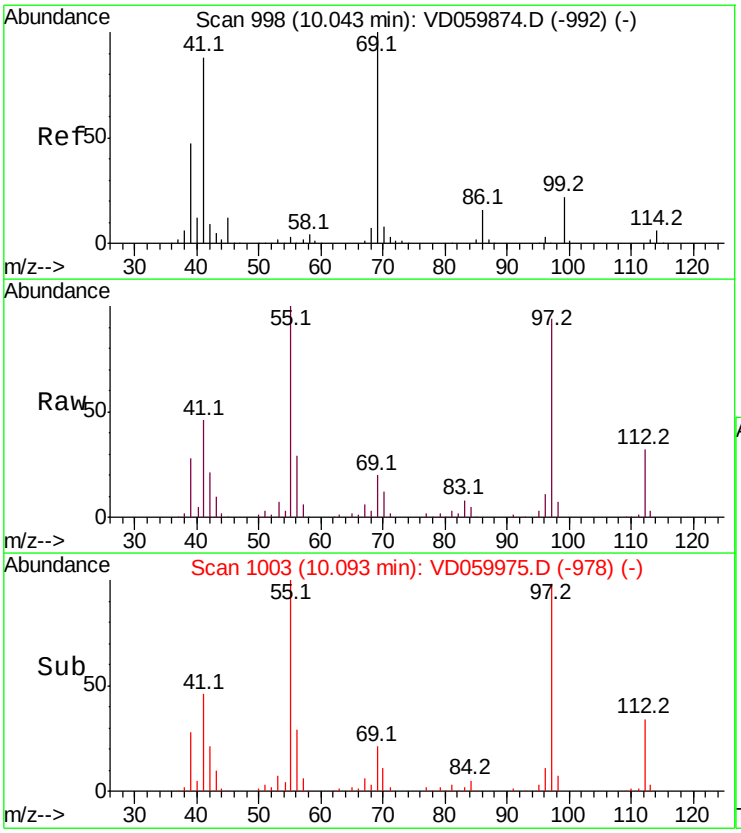
#55
1,1,2-Trichloroethane
Concen: 1.778 ug/l
RT: 10.23 min Scan# 1017
Delta R.T. 0.04 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion: 97 Resp: 17896

Ion	Ratio	Lower	Upper
97	100		
83	70.3	66.7	100.1
85	28.2	43.8	65.6#
99	0.0	49.8	74.6#

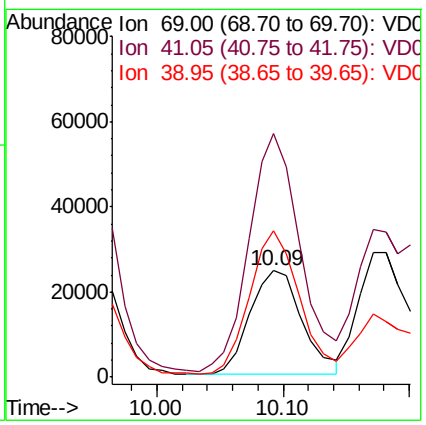


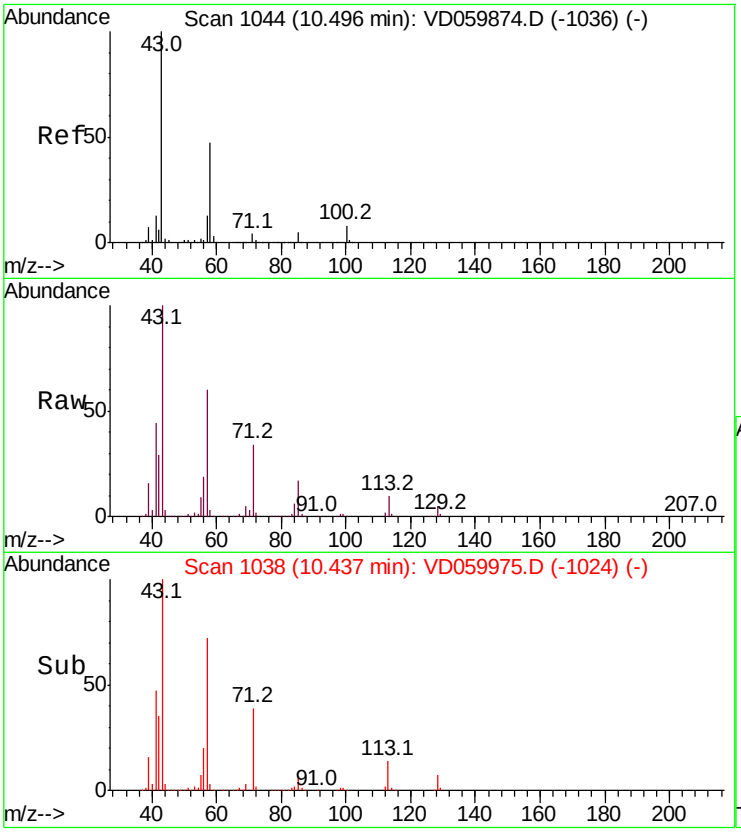


#56
Ethyl methacrylate
Concen: 6.051 ug/l
RT: 10.09 min Scan# 1003
Delta R.T. 0.05 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 69 Resp: 70294

Ion	Ratio	Lower	Upper
69	100		
41	228.6	71.0	106.4#
39	137.7	38.5	57.7#



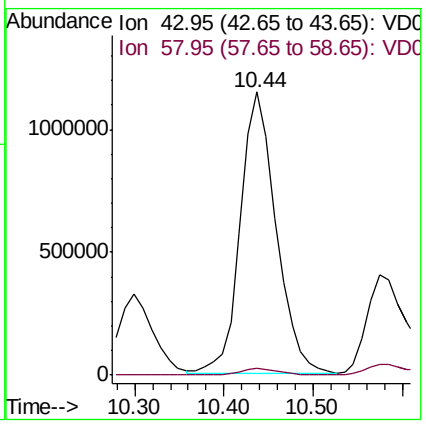


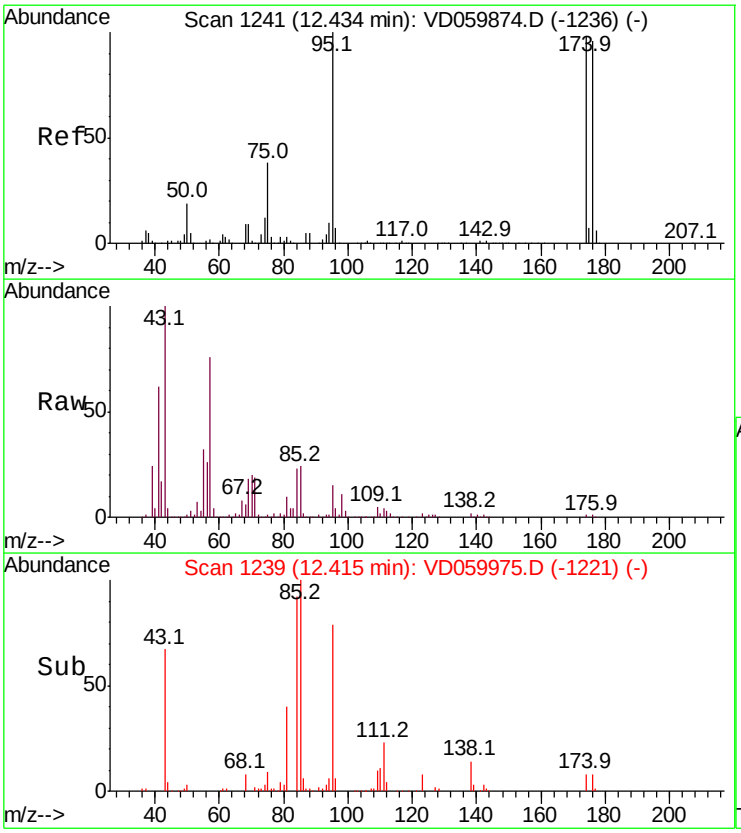
#59
2-Hexanone
Concen: 342.810 ug/l
RT: 10.44 min Scan# 1038
Delta R.T. -0.06 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion: 43 Resp: 3151823

Ion	Ratio	Lower	Upper
43	100		
58	2.5	23.3	69.8#

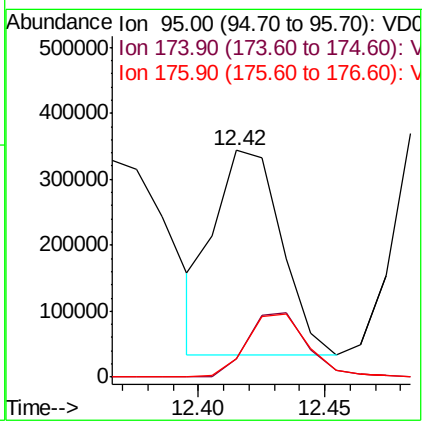


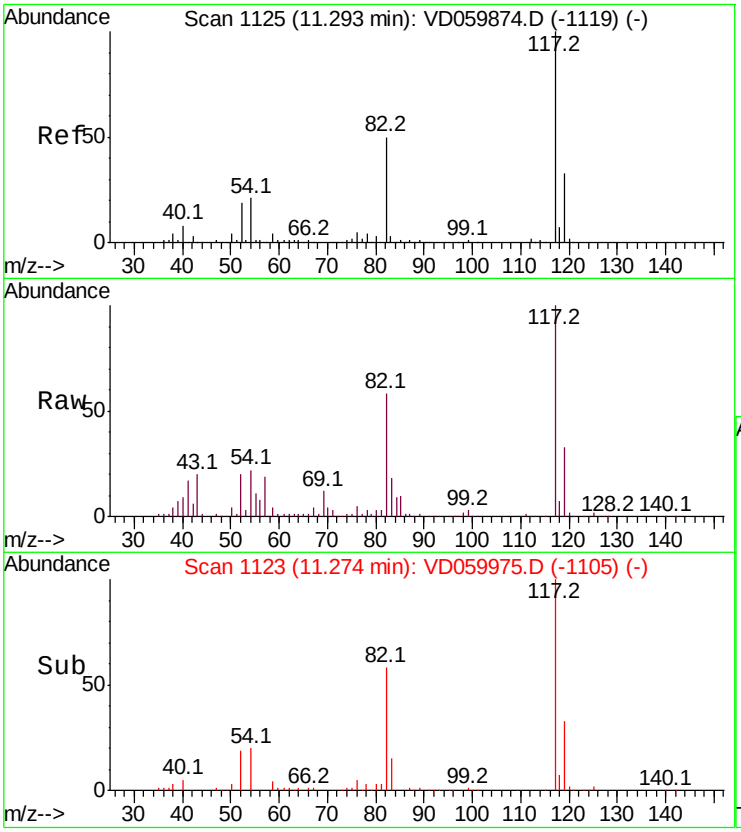


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 95 Resp: 573390

Ion	Ratio	Lower	Upper
95	100		
174	8.2	0.0	195.6
176	7.9	0.0	191.2



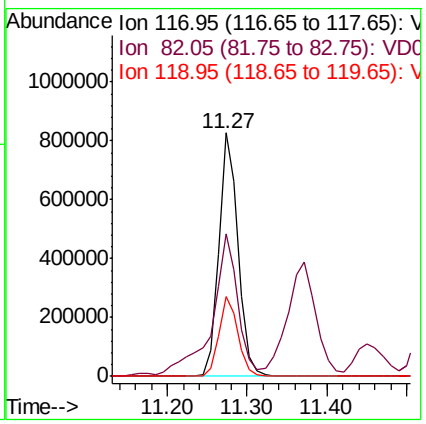


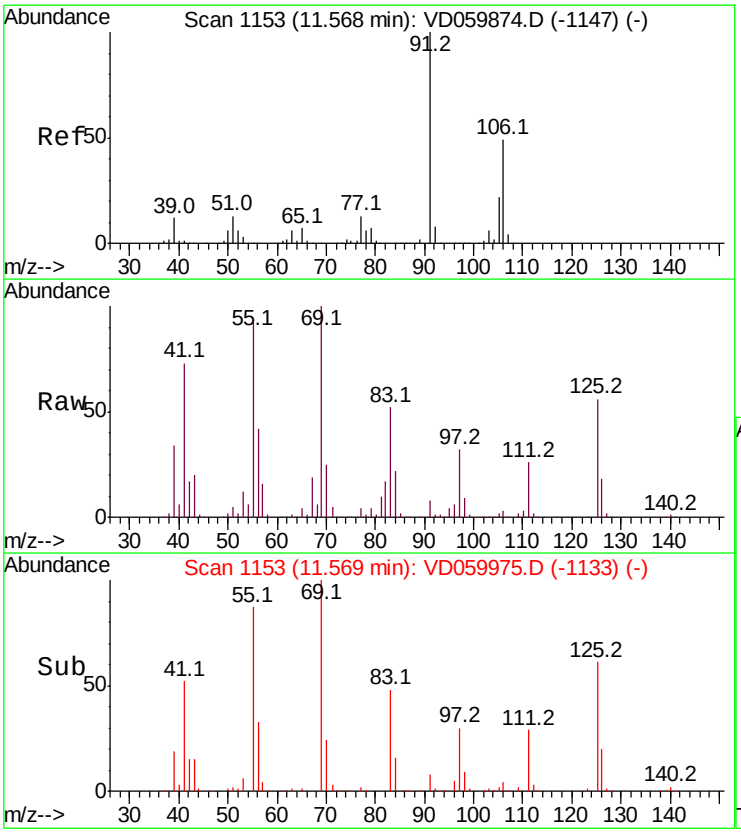
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion:117 Resp: 1406732

Ion	Ratio	Lower	Upper
117	100		
82	58.3	40.1	60.1
119	32.7	26.7	40.1

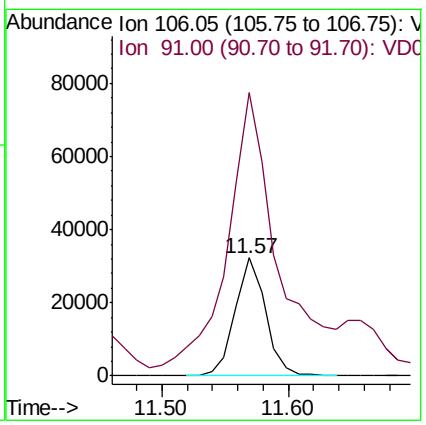


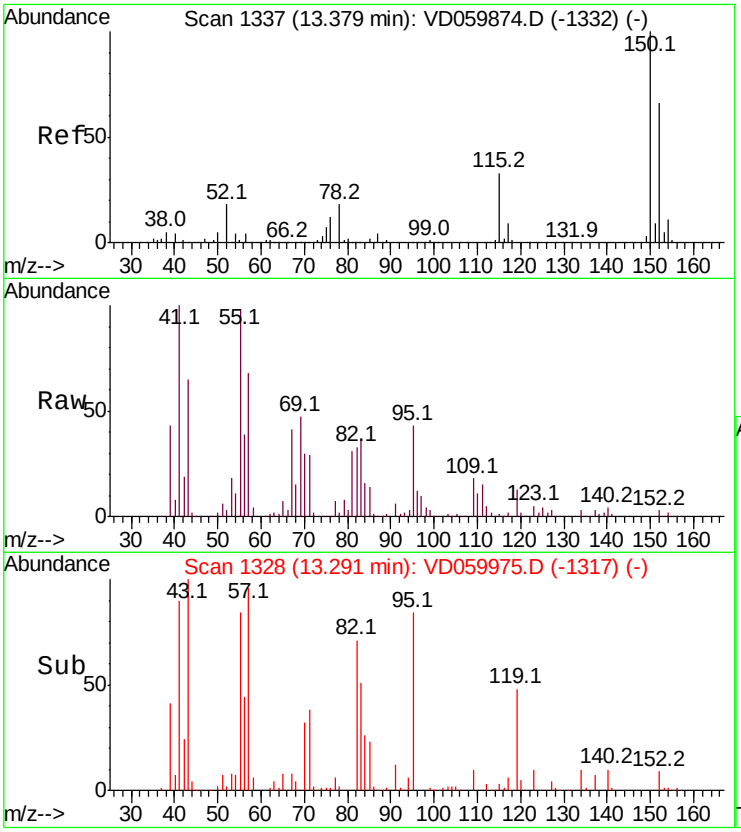


#68
m/p-Xylenes
Concen: 3.156 ug/l
RT: 11.57 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:106 Resp: 54040

Ion	Ratio	Lower	Upper
106	100		
91	239.9	162.0	243.0



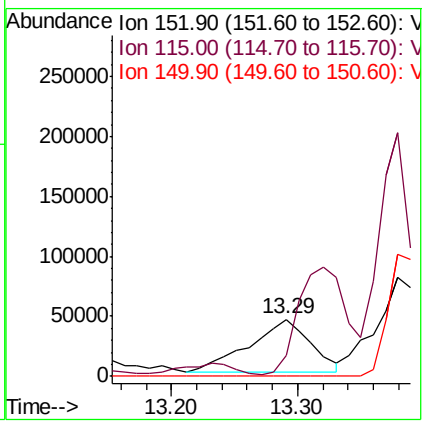


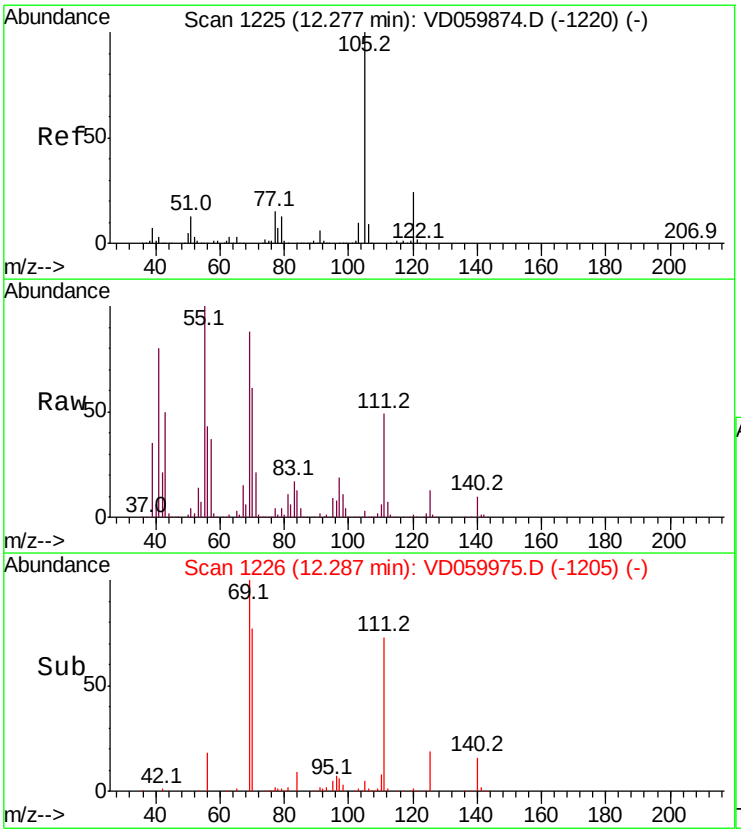
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.29 min Scan# 1328
Delta R.T. -0.09 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion:152 Resp: 149229

Ion	Ratio	Lower	Upper
152	100		
115	37.3	25.7	77.0
150	0.0	0.0	310.2

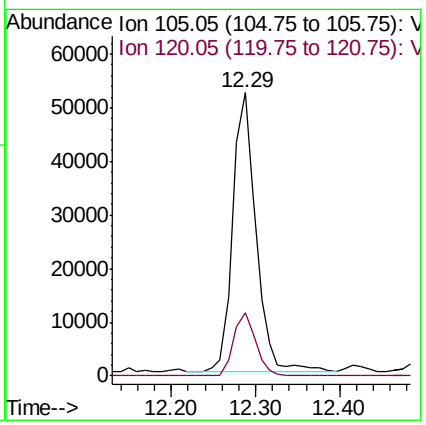


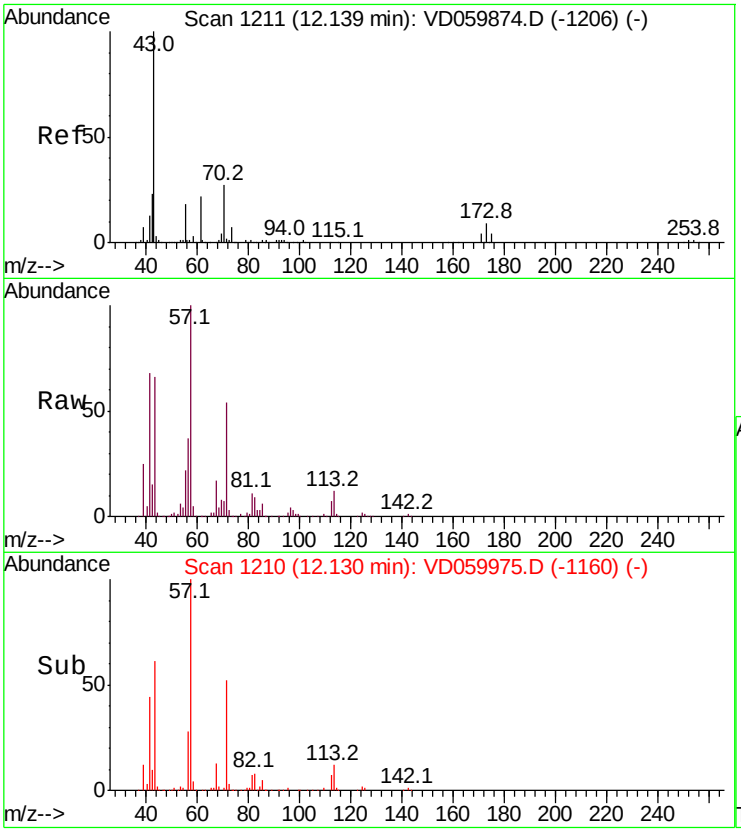


#73
Isopropylbenzene
Concen: 10.509 ug/l
RT: 12.29 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:105 Resp: 100112

Ion	Ratio	Lower	Upper
105	100		
120	22.4	11.8	35.4



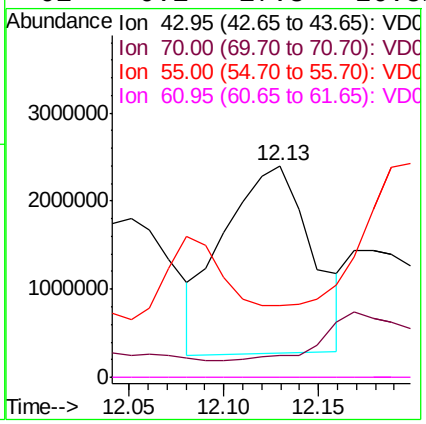


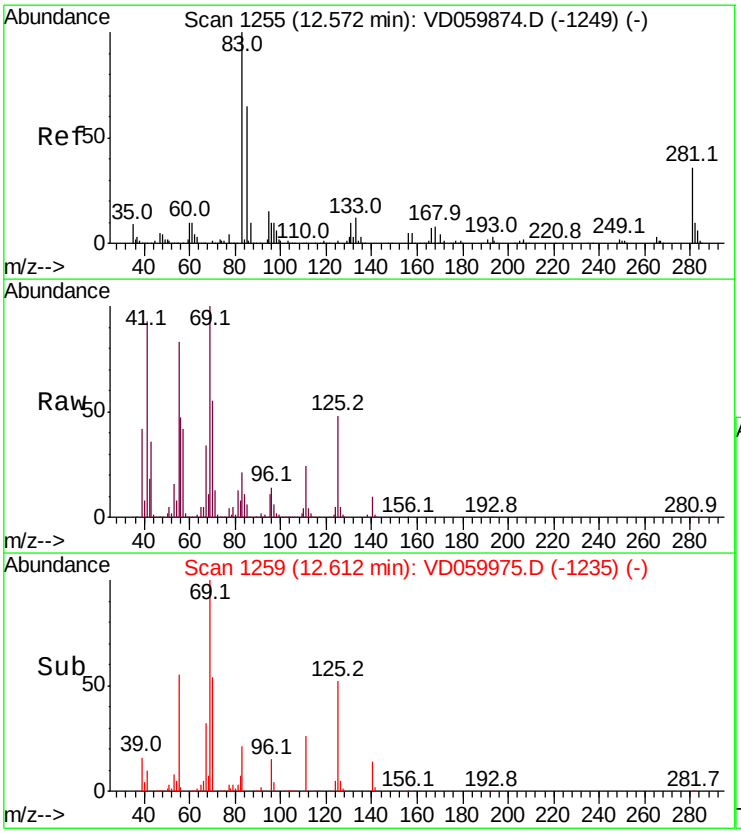
#74
N-amyl acetate
Concen: 1656.541 ug/l
RT: 12.13 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion: 43 Resp: 6909466

Ion	Ratio	Lower	Upper
43	100		
70	10.4	21.4	32.2#
55	33.9	14.1	21.1#
61	0.1	17.8	26.8#

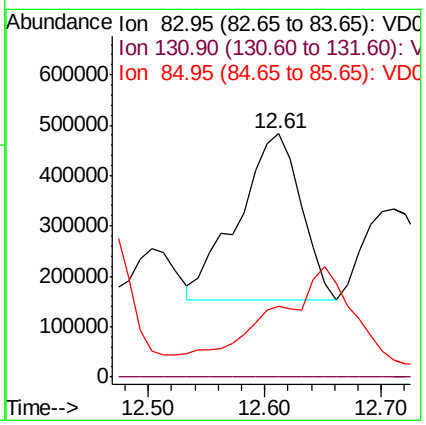


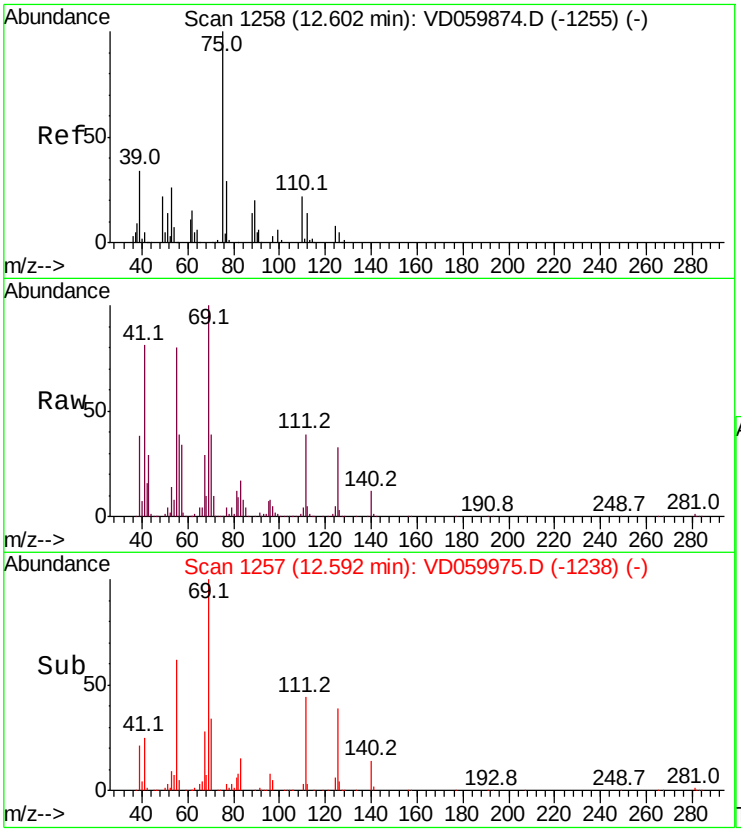


#75
1,1,2,2-Tetrachloroethane
Concen: 556.705 ug/l
RT: 12.61 min Scan# 1259
Delta R.T. 0.04 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 83 Resp: 1226648

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	29.1	32.6	97.8#



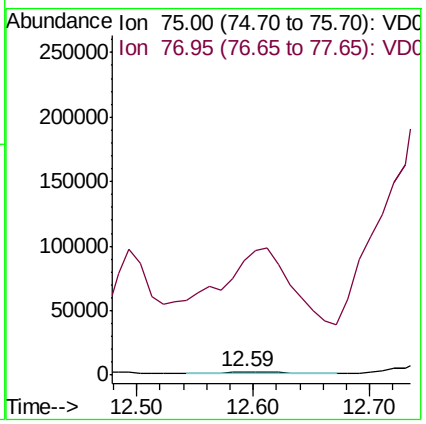


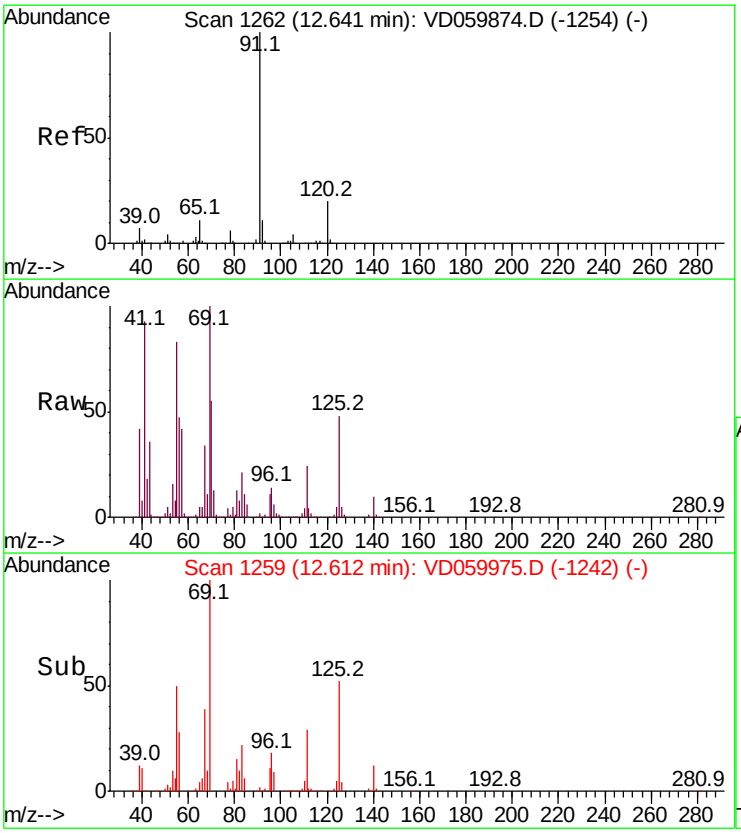
#76
1,2,3-Trichloropropane
Concen: 2.530 ug/l
RT: 12.59 min Scan# 1257
Delta R.T. -0.01 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion: 75 Resp: 5869

Ion	Ratio	Lower	Upper
75	100		
77	3565.8	16.4	49.2#

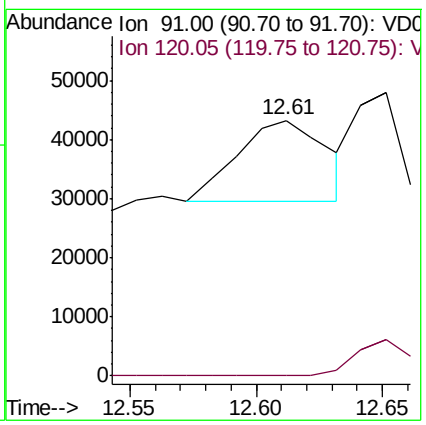


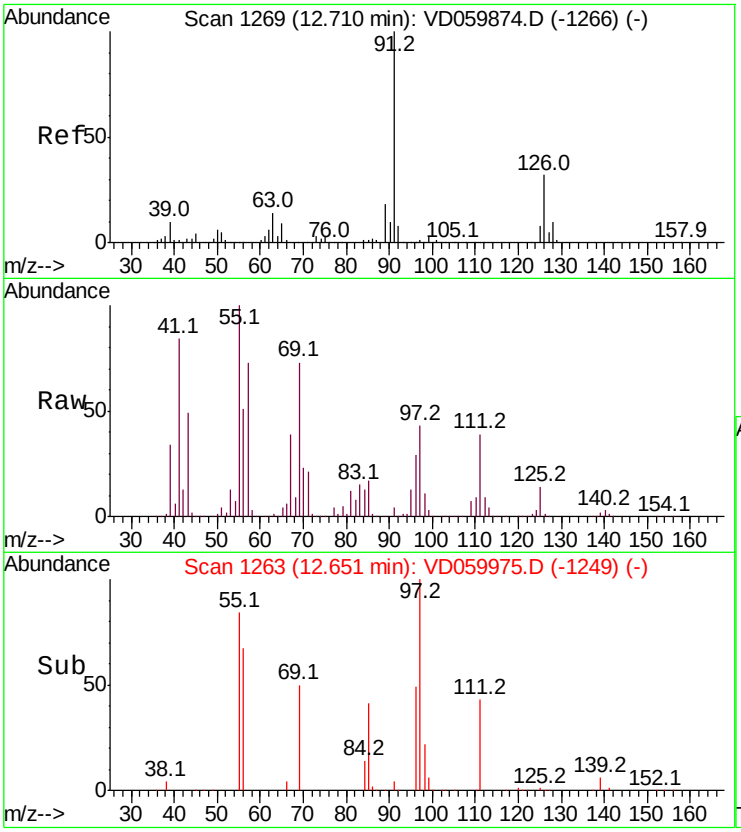


#78
n-propylbenzene
Concen: 2.783 ug/l
RT: 12.61 min Scan# 1259
Delta R.T. -0.03 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 91 Resp: 33569

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.1	30.3#



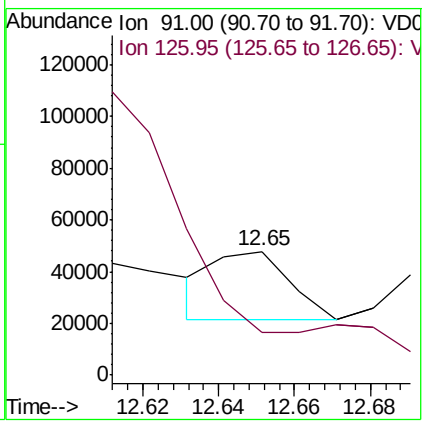


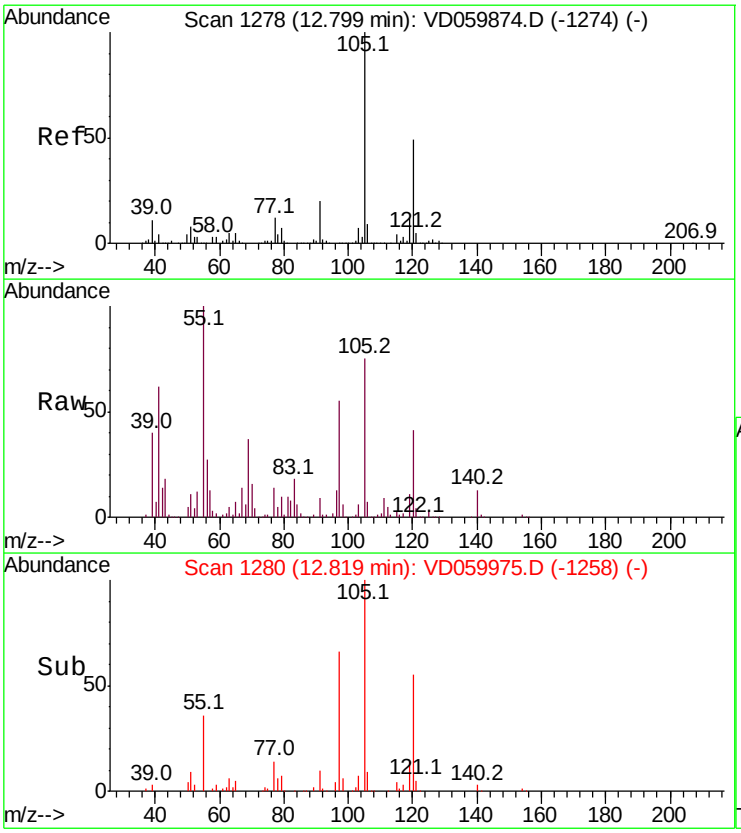
#79
2-Chlorotoluene
Concen: 5.373 ug/l
RT: 12.65 min Scan# 1263
Delta R.T. -0.06 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion: 91 Resp: 36652

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.1	48.2

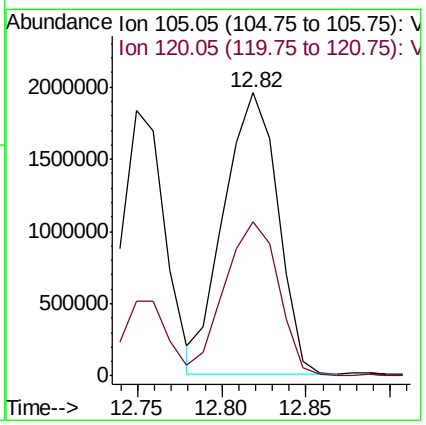


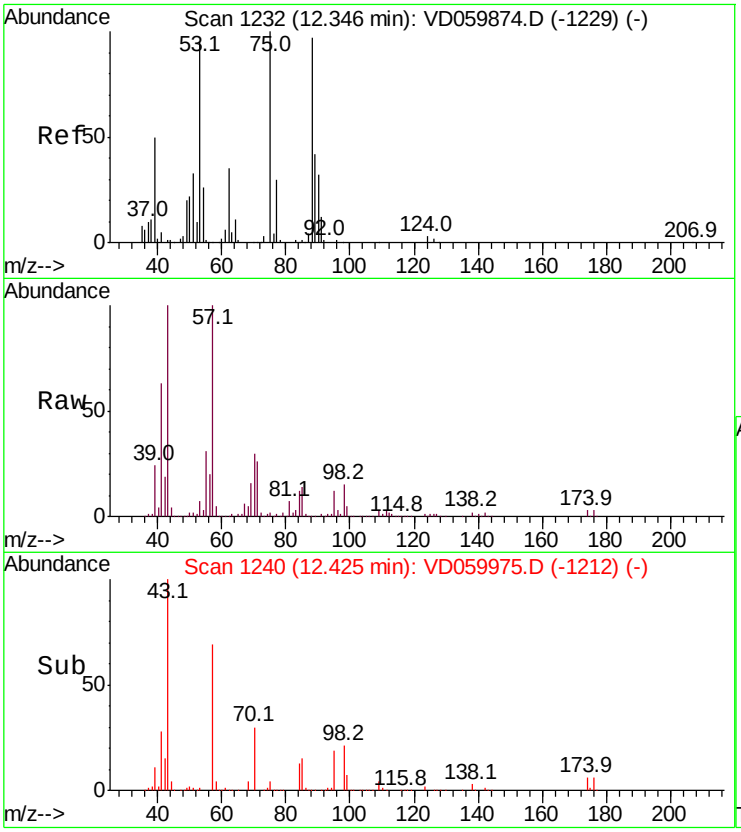


#80
1,3,5-Trimethylbenzene
Concen: 570.382 ug/l
RT: 12.82 min Scan# 1280
Delta R.T. 0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:105 Resp: 4319797

Ion	Ratio	Lower	Upper
105	100		
120	54.4	24.5	73.5



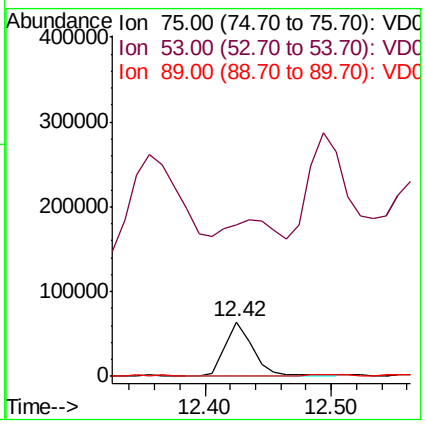


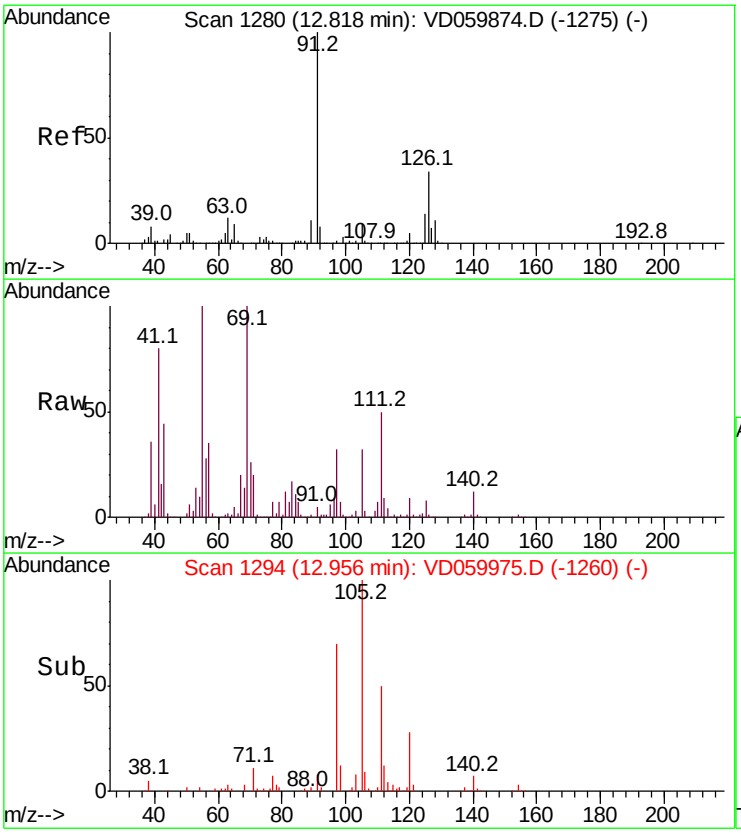
#81
trans-1,4-Dichloro-2-butene
Concen: 132.888 ug/l
RT: 12.42 min Scan# 1240
Delta R.T. 0.08 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion: 75 Resp: 95875

Ion	Ratio	Lower	Upper
75	100		
53	278.2	75.8	113.6#
89	1.7	33.6	50.4#

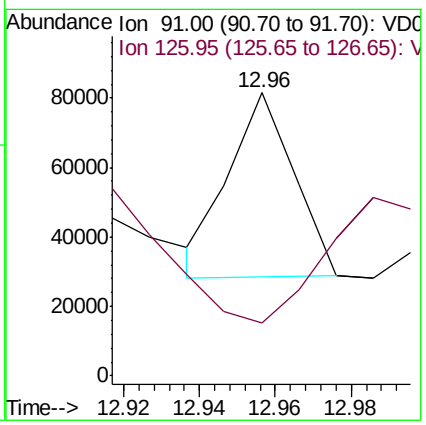


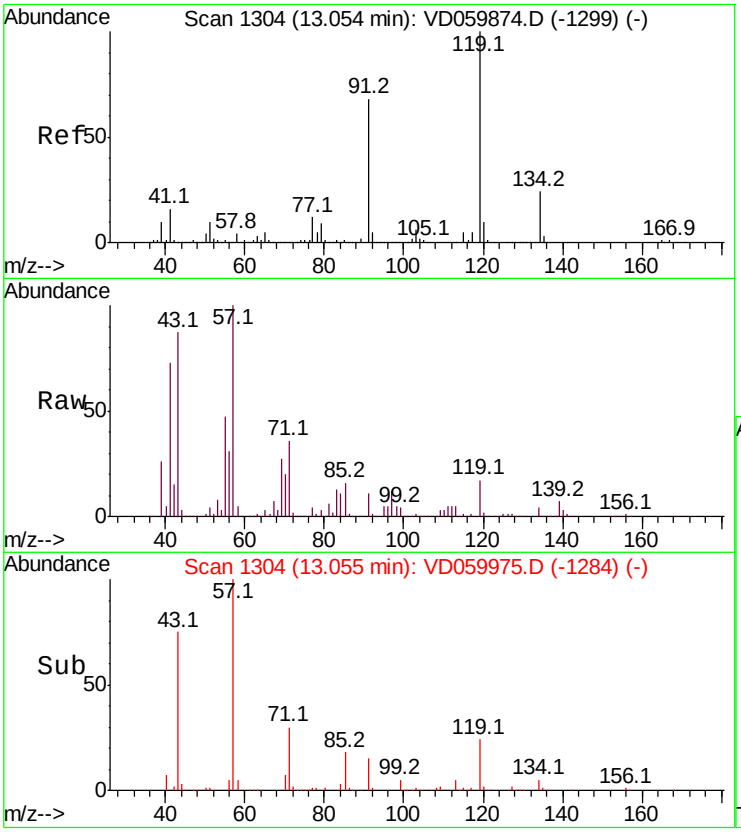


#82
4-Chlorotoluene
Concen: 8.054 ug/l
RT: 12.96 min Scan# 1294
Delta R.T. 0.14 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion: 91 Resp: 62665

Ion	Ratio	Lower	Upper
91	100		
126	18.7	17.1	51.2



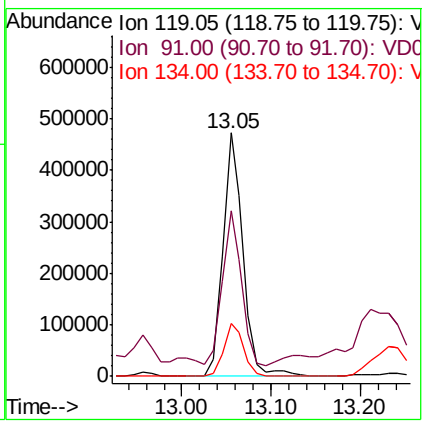


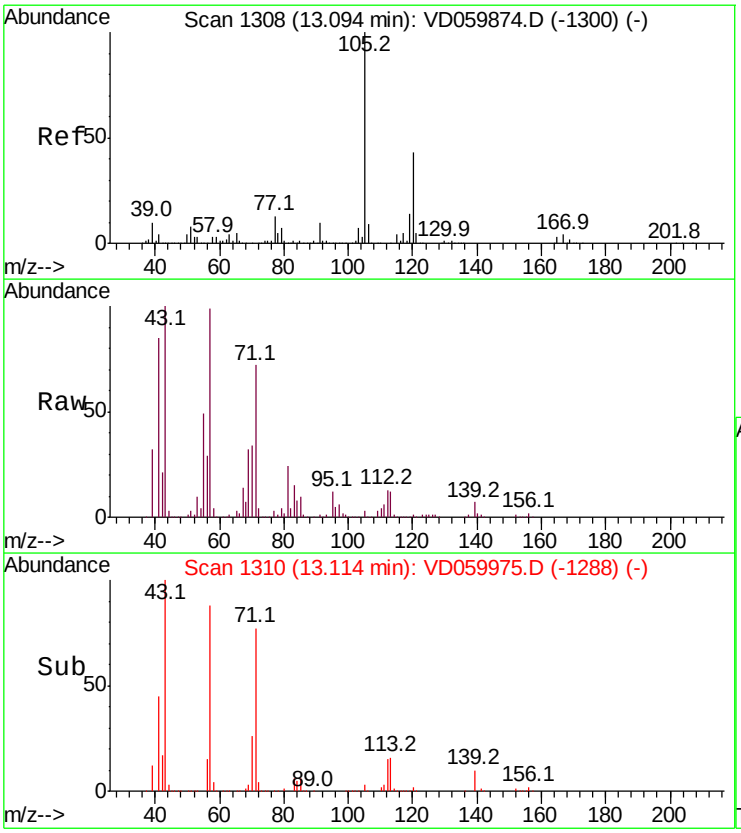
#83
tert-Butylbenzene
Concen: 86.862 ug/l
RT: 13.05 min Scan# 1304
Delta R.T. 0.00 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion:119 Resp: 749389

Ion	Ratio	Lower	Upper
119	100		
91	68.0	34.3	102.9
134	21.9	11.9	35.9

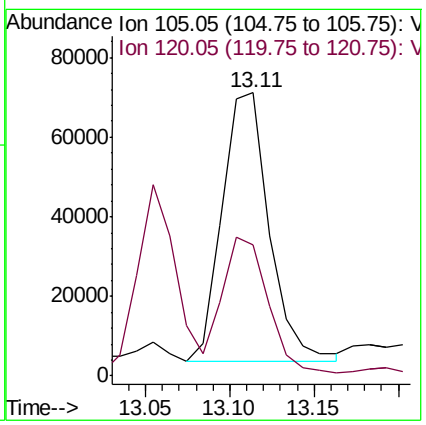


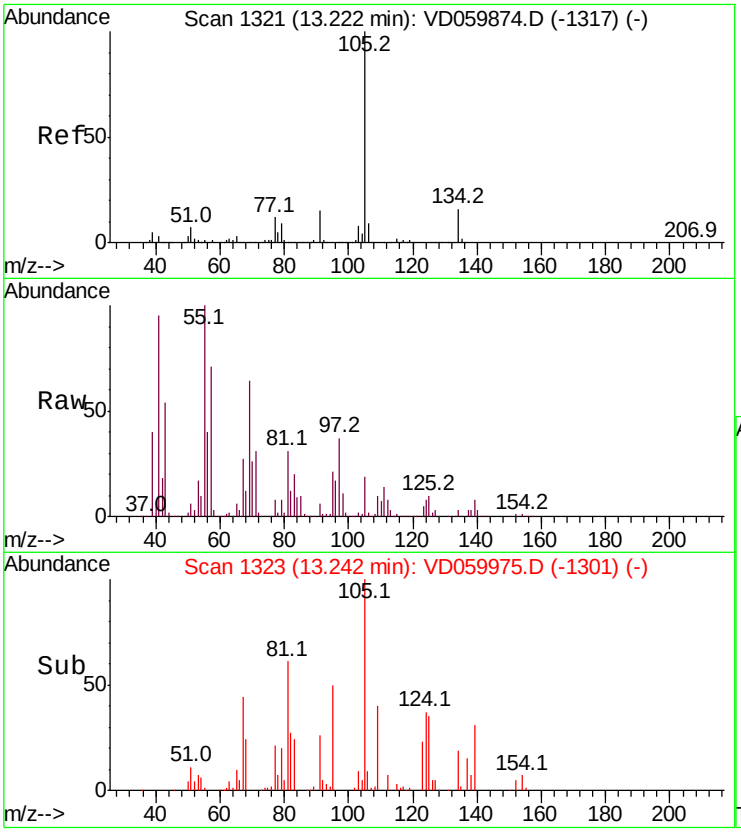


#84
1,2,4-Trimethylbenzene
Concen: 16.611 ug/l
RT: 13.11 min Scan# 1310
Delta R.T. 0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:105 Resp: 131124

Ion	Ratio	Lower	Upper
105	100		
120	46.5	21.8	65.3



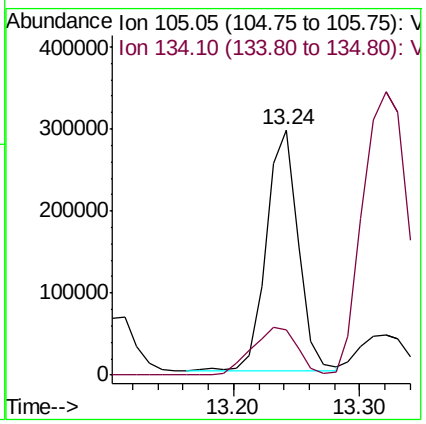


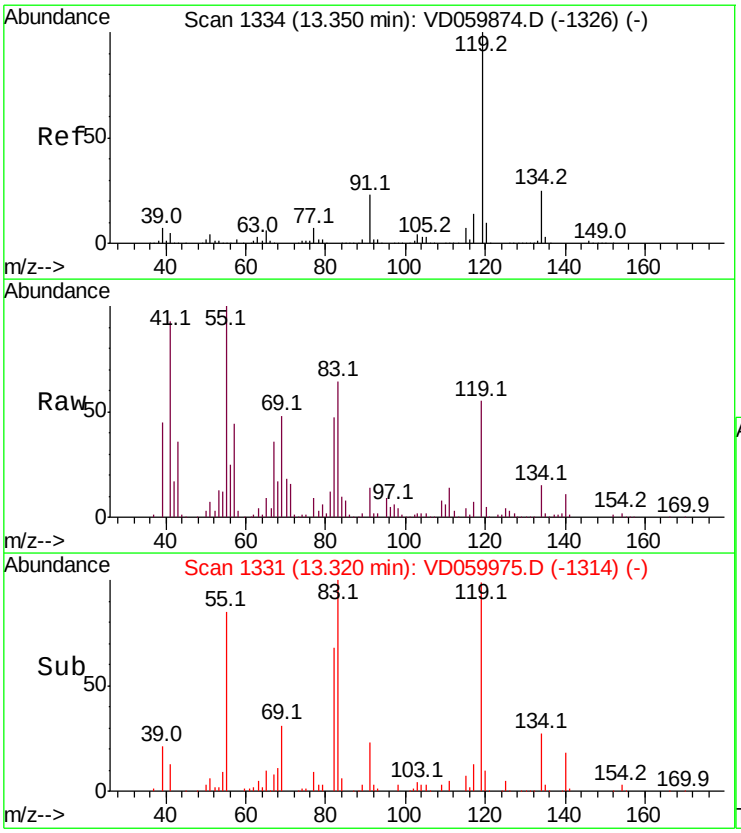
#85
sec-Butylbenzene
Concen: 50.838 ug/l
RT: 13.24 min Scan# 1323
Delta R.T. 0.02 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion:105 Resp: 515784

Ion	Ratio	Lower	Upper
105	100		
134	18.6	8.2	24.4

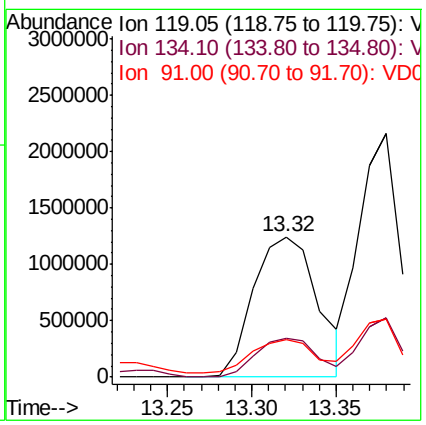


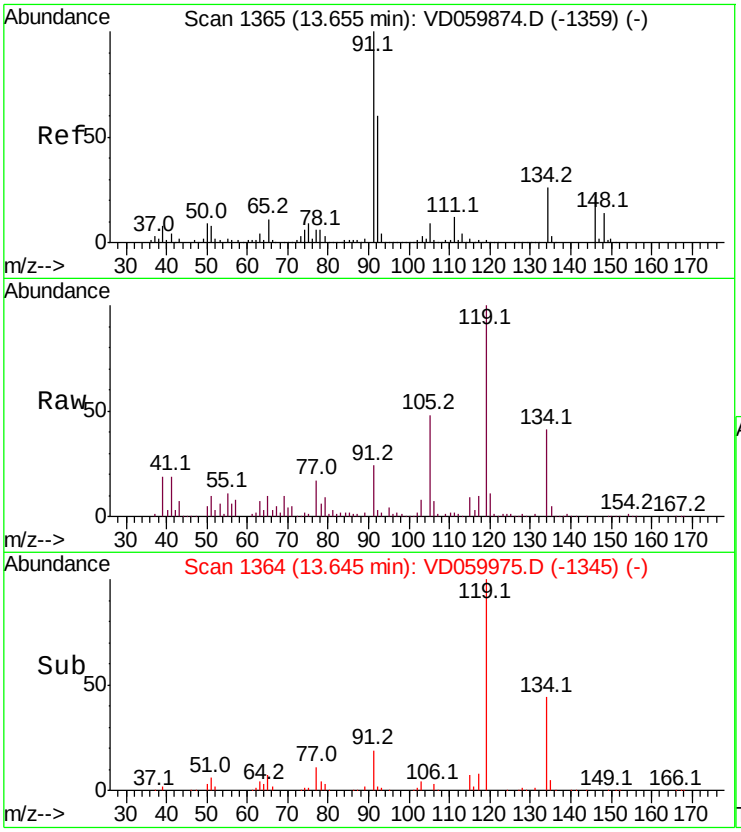


#86
p-Isopropyltoluene
Concen: 396.660 ug/l
RT: 13.32 min Scan# 1331
Delta R.T. -0.03 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:119 Resp: 3272932

Ion	Ratio	Lower	Upper
119	100		
134	27.7	12.7	38.1
91	26.6	11.7	35.0



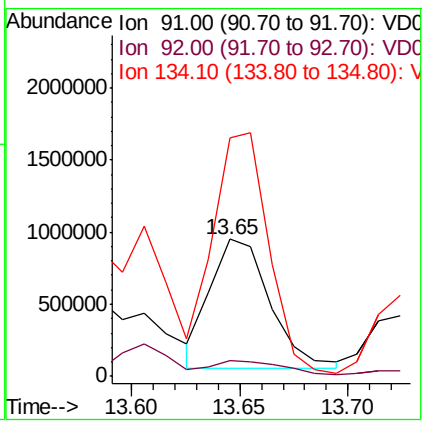


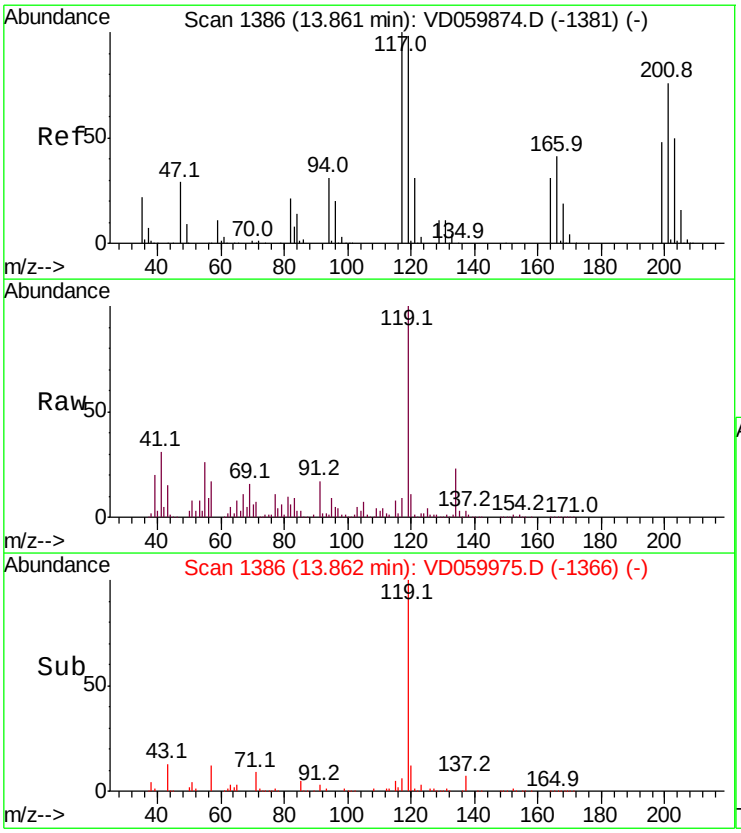
#89
n-Butylbenzene
Concen: Below Cal
RT: 13.65 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument : MSVOA_D
ClientSampleId : EP1-SUT-8USTS-E

Tgt Ion: 91 Resp: 1736103

Ion	Ratio	Lower	Upper
91	100		
92	11.5	30.0	90.1#
134	173.7	12.8	38.4#

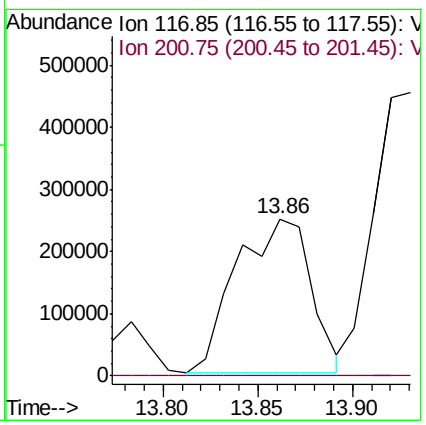


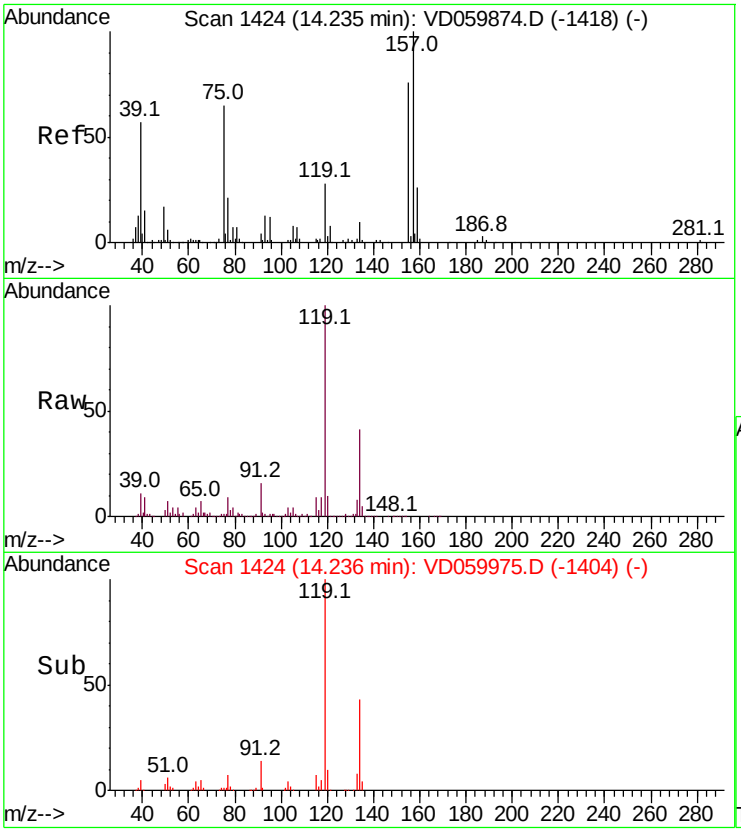


#90
Hexachloroethane
Concen: 304.977 ug/l
RT: 13.86 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:117 Resp: 675688

Ion	Ratio	Lower	Upper
117	100		
201	0.0	38.1	114.5#



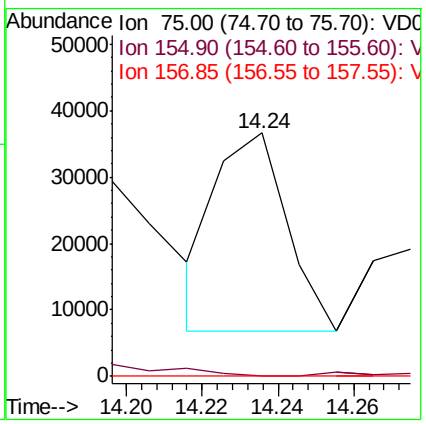


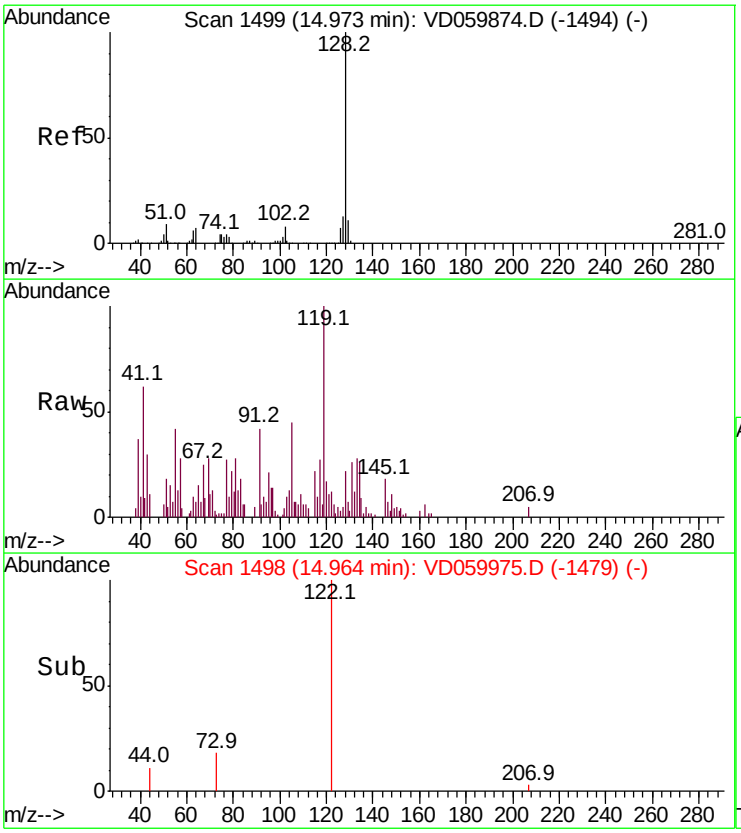
#92
1,2-Dibromo-3-Chloropropane
Concen: 113.829 ug/l
RT: 14.24 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

Tgt Ion: 75 Resp: 38562

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.2	174.6#
157	0.0	76.8	230.4#





#95
Naphthalene
Concen: 1.383 ug/l
RT: 14.96 min Scan# 1498
Delta R.T. -0.01 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion:128 Resp: 7255

Ion	Ratio	Lower	Upper
128	100		
127	24.3	10.0	15.0#
129	33.1	8.6	13.0#