Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064542.D
Acq On : 17 Dec 2019 13:44
Operator : VA/SY
Sample : K6324-02
Misc : 5.55G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EP-10

Quant Time: Dec 18 00:48:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	15558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	24009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	23270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	12462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	8871	62.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.98%			
35) Dibromofluoromethane	7.92	113	8385	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.86%			
50) Toluene-d8	10.34	98	28049	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.44%			
62) 4-Bromofluorobenzene	12.64	95	10260	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.06%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	498	2.801	ug/l	92
5) Bromomethane	2.77	94	955	6.290	ug/l #	47
10) Methyl Iodide	4.33	142	799	5.170	ug/l #	70
13) Acrolein	3.85	56	59	4.825	ug/l #	14
16) Acetone	4.17	43	69	2.425	ug/l #	47
20) Methylene Chloride	4.96	84	58	Below Cal	#	14
21) trans-1,2-Dichloroethene	5.34	96	184	1.160	ug/l #	1
25) 2-Butanone	7.23	43	68	1.690	ug/l #	49
31) Cyclohexane	7.99	56	356	Below Cal	#	37
38) Carbon Tetrachloride	7.99	117	1497	6.246	ug/l #	11
41) Methacrylonitrile	7.54	41	101	1.828	ug/l #	26
76) 1,2,3-Trichloropropane	12.63	75	5326	51.969	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	5326	113.320	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	55	Below Cal	#	1
95) Naphthalene	15.41	128	1682	3.666	ug/l #	74

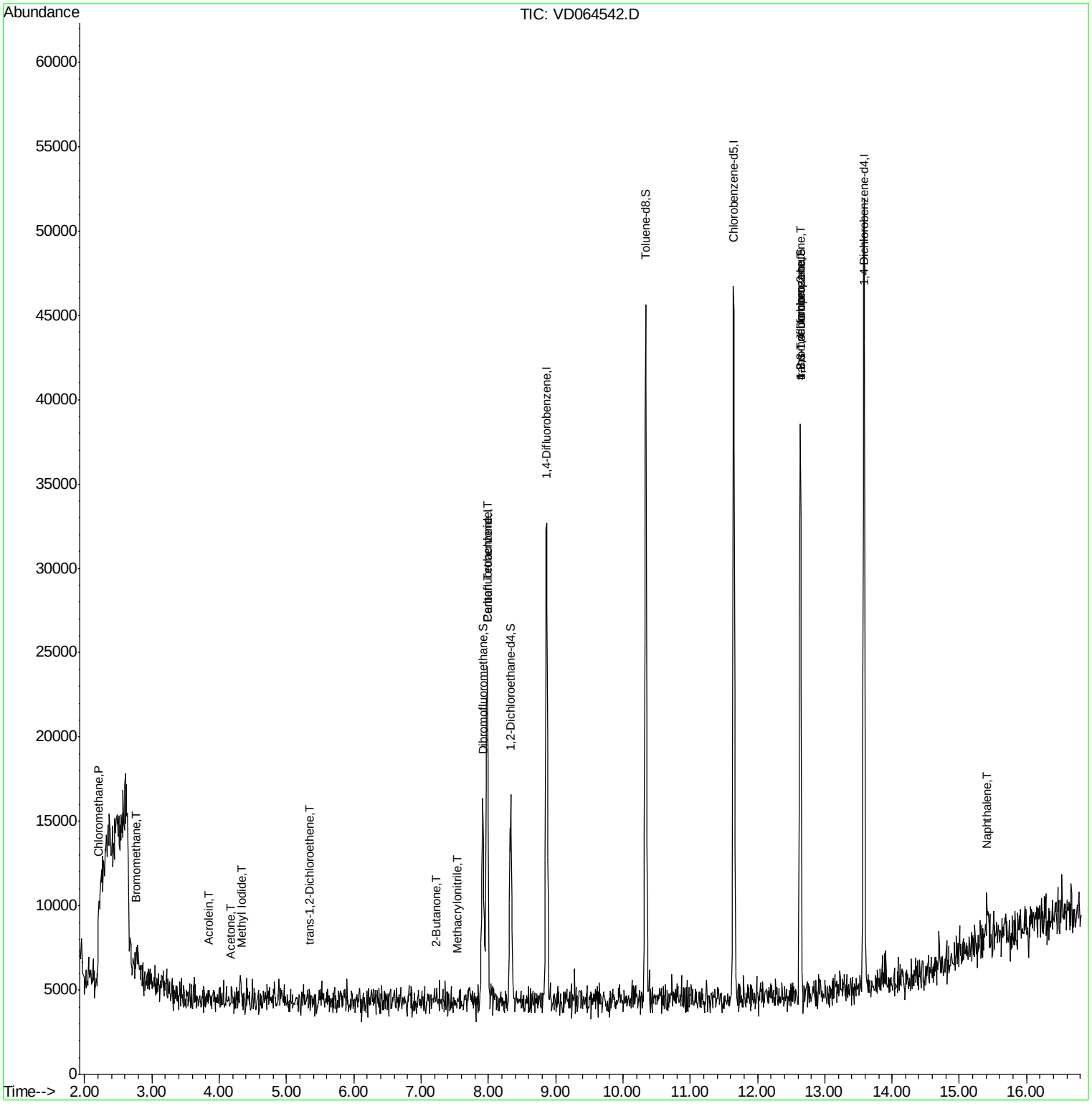
(#) = qualifier out of range (m) = manual integration (+) = signals summed

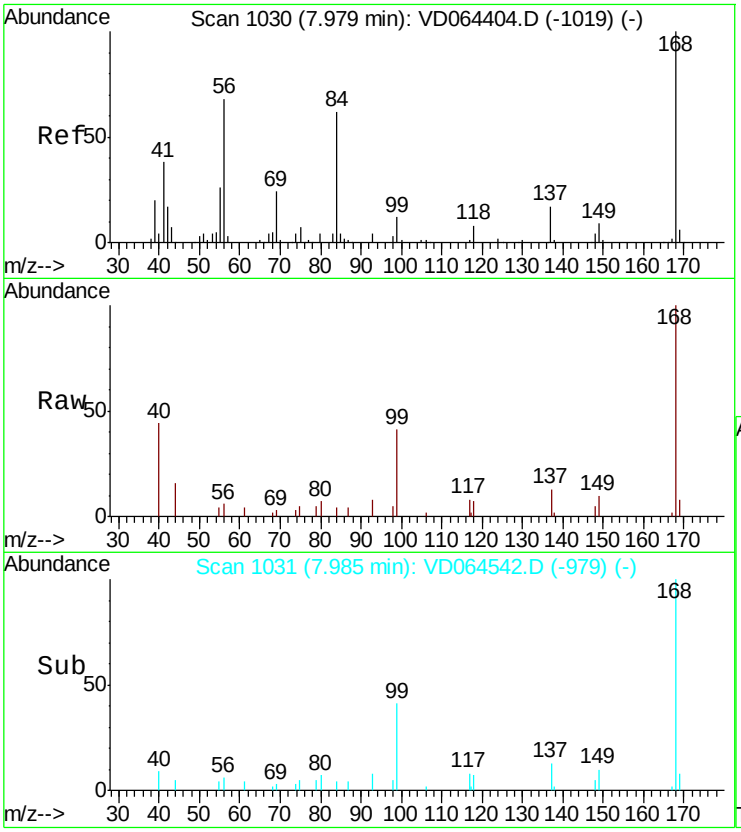
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064542.D
Acq On : 17 Dec 2019 13:44
Operator : VA/SY
Sample : K6324-02
Misc : 5.55G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Quant Time: Dec 18 00:48:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration



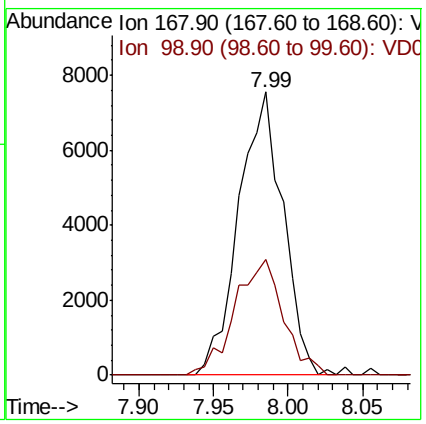


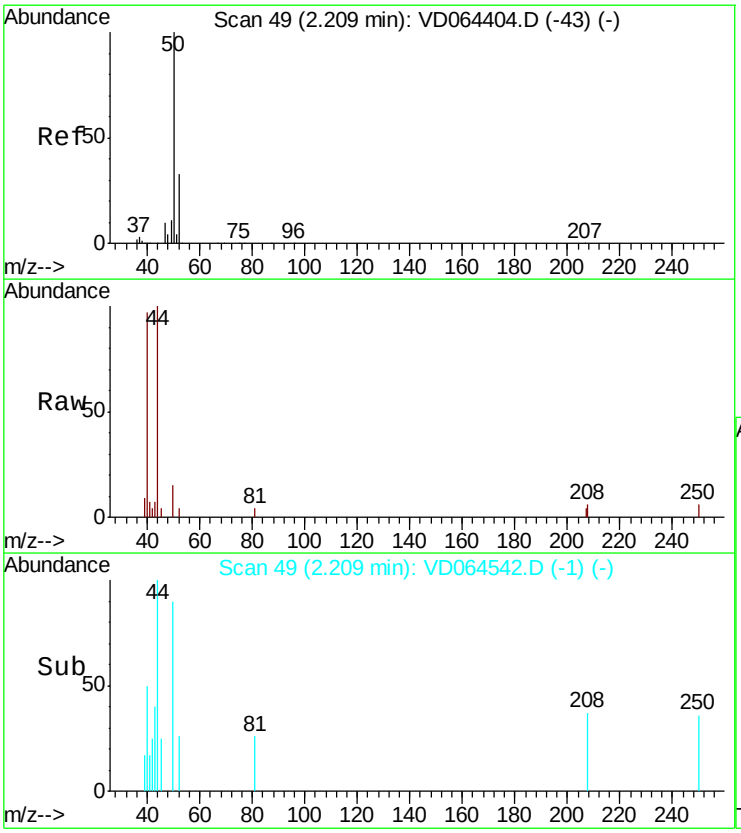
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion:168 Resp: 15558

Ion	Ratio	Lower	Upper
168	100		
99	40.7	40.7	61.1

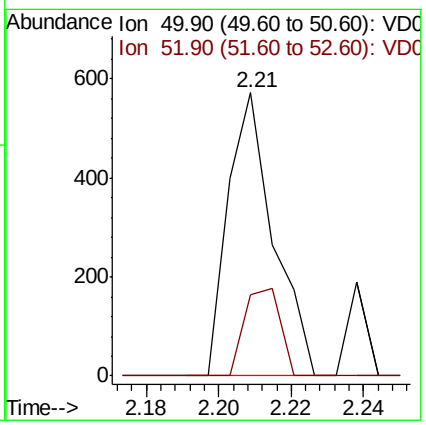


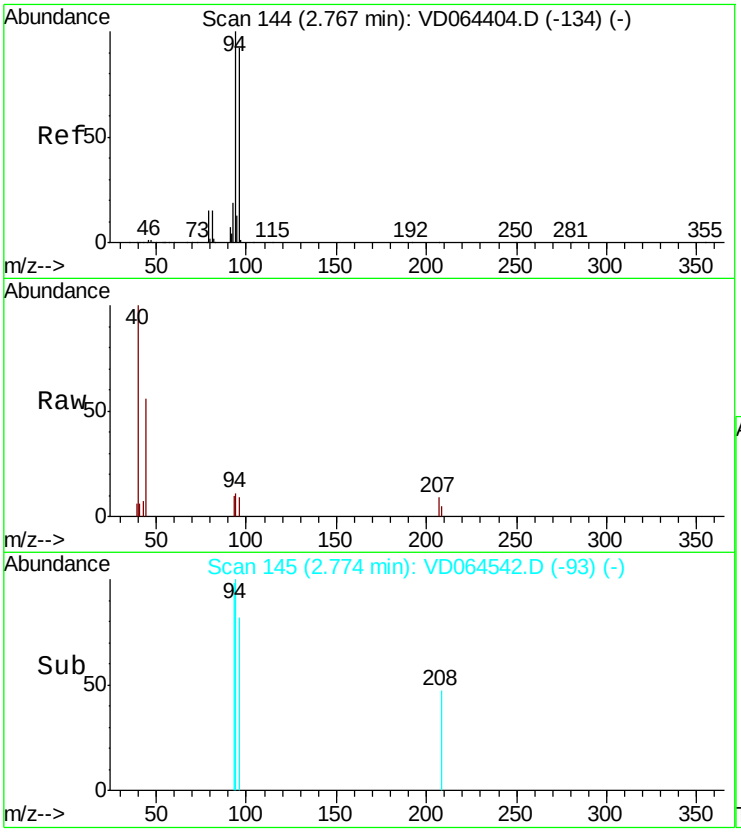


#3
Chloromethane
Concen: 2.801 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 50 Resp: 498

Ion	Ratio	Lower	Upper
50	100		
52	28.7	26.7	40.1



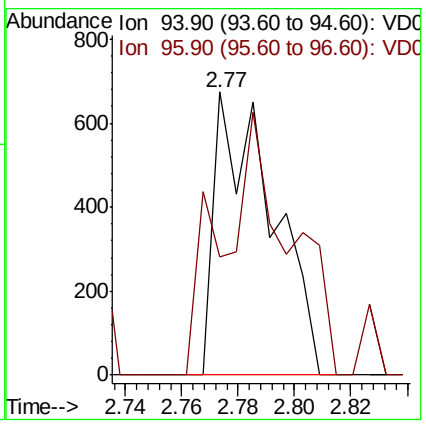


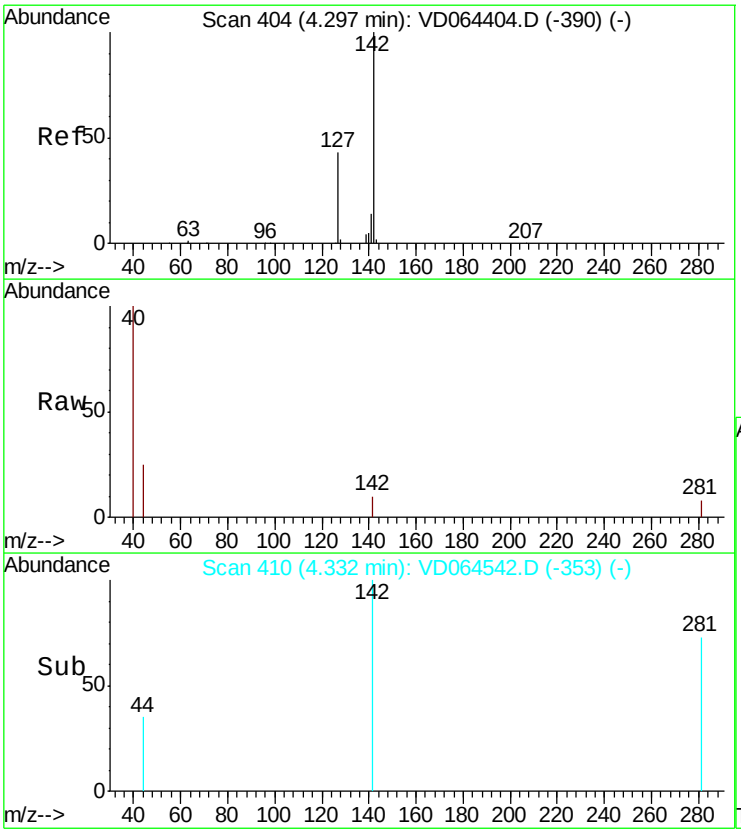
#5
Bromomethane
Concen: 6.290 ug/l
RT: 2.77 min Scan# 145
Delta R.T. 0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion: 94 Resp: 955

Ion	Ratio	Lower	Upper
94	100		
96	41.7	73.6	110.4#

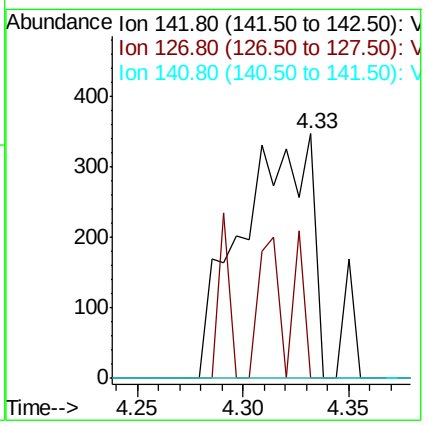


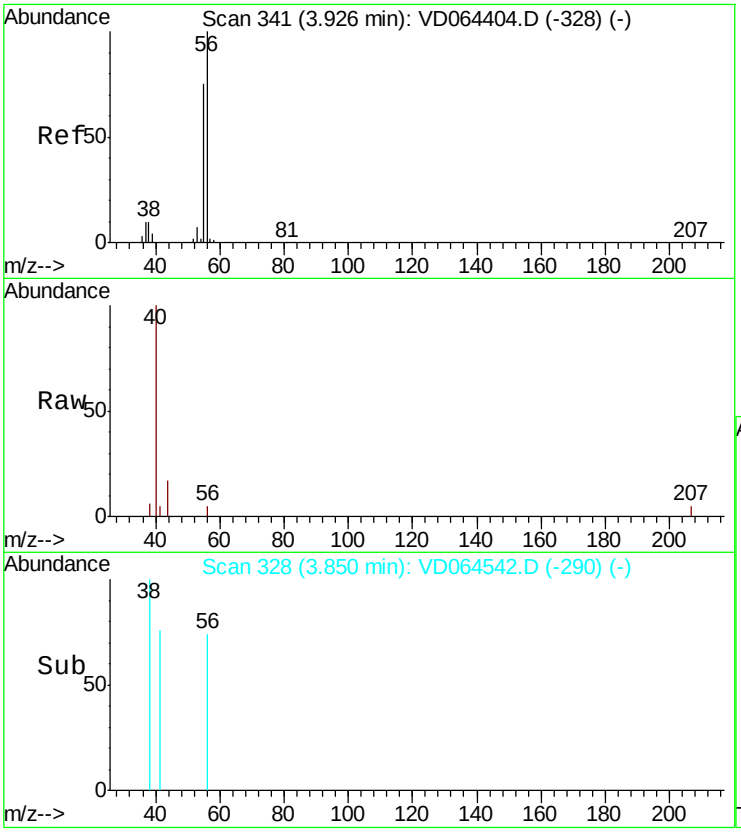


#10
Methyl Iodide
Concen: 5.170 ug/l
RT: 4.33 min Scan# 410
Delta R.T. 0.04 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion:142 Resp: 799

Ion	Ratio	Lower	Upper
142	100		
127	25.9	35.3	52.9#
141	0.0	11.6	17.4#



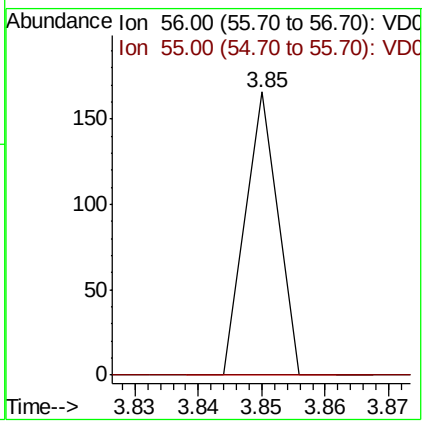


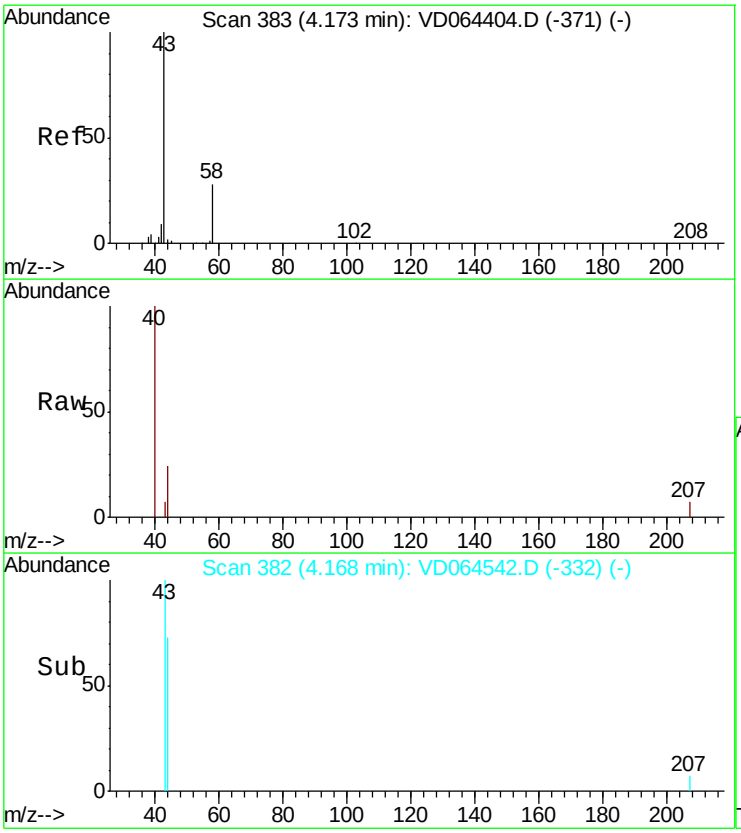
#13
Acrolein
Concen: 4.825 ug/l
RT: 3.85 min Scan# 328
Delta R.T. -0.08 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#

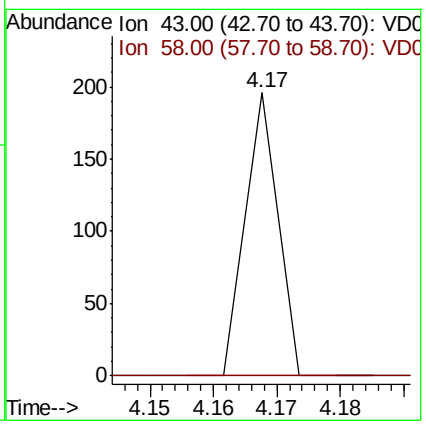


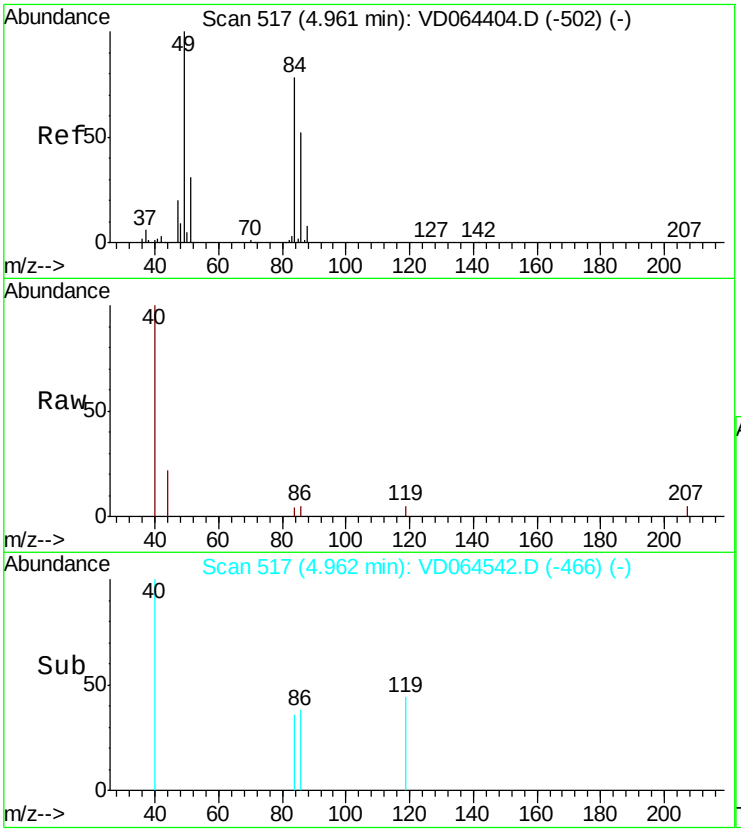


#16
Acetone
Concen: 2.425 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.6	33.8#



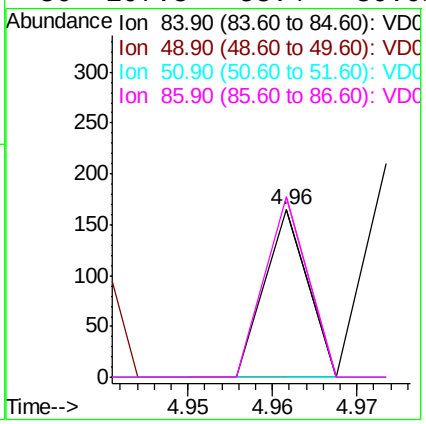


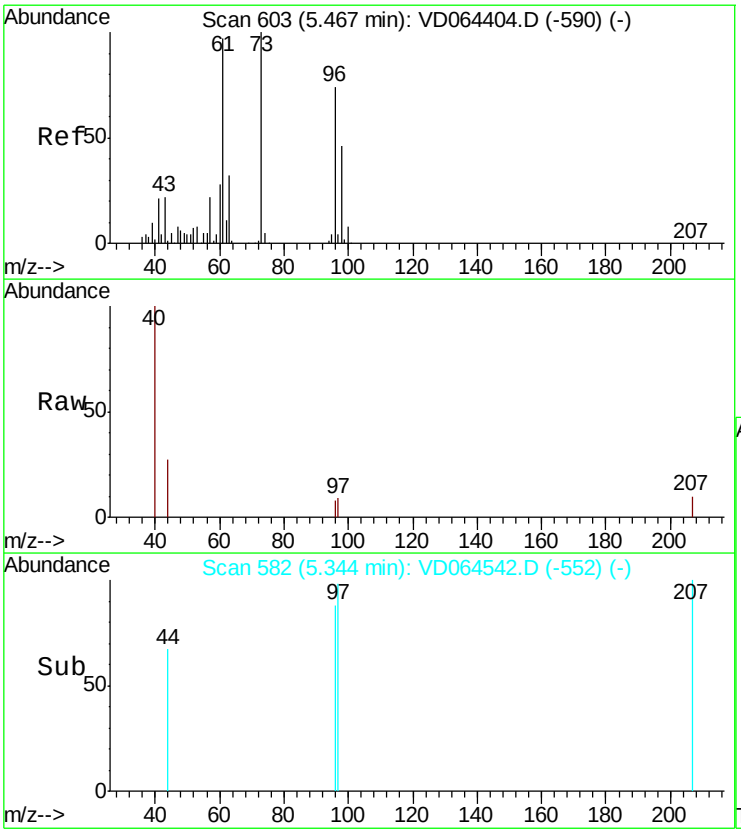
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion: 84 Resp: 58

Ion	Ratio	Lower	Upper
84	100		
49	0.0	102.6	153.8#
51	0.0	32.0	48.0#
86	107.3	53.4	80.0#

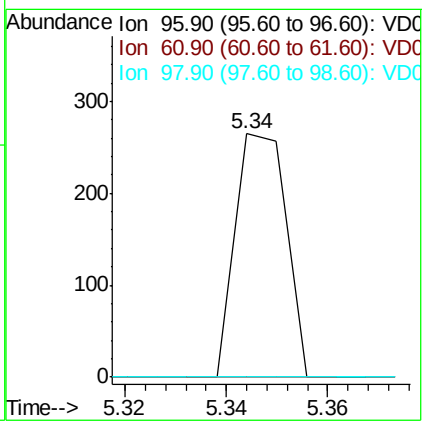


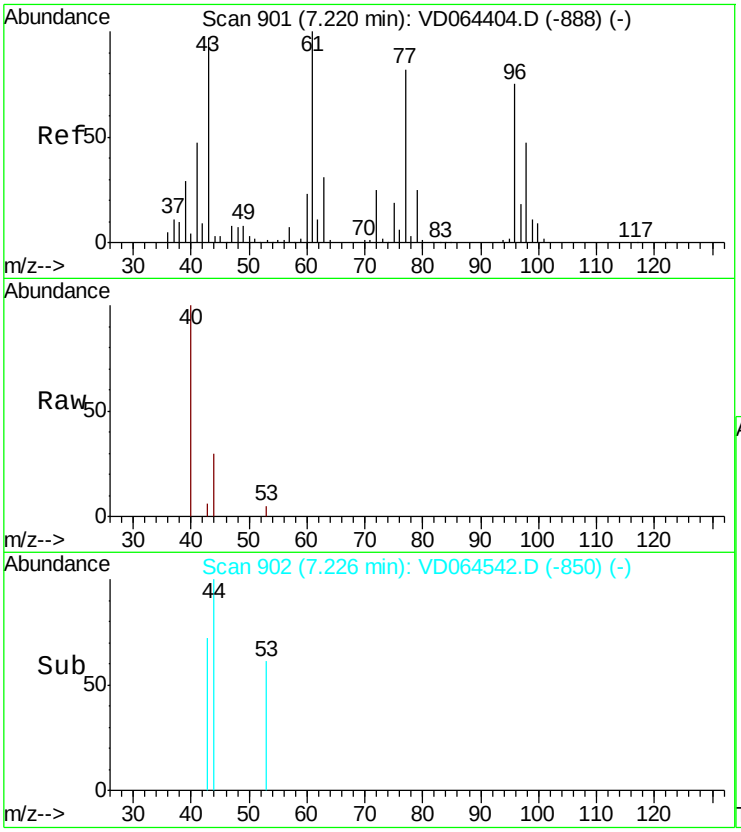


#21
trans-1,2-Dichloroethene
Concen: 1.160 ug/l
RT: 5.34 min Scan# 582
Delta R.T. -0.12 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 96 Resp: 184

Ion	Ratio	Lower	Upper
96	100		
61	0.0	105.8	158.6#
98	0.0	50.1	75.1#



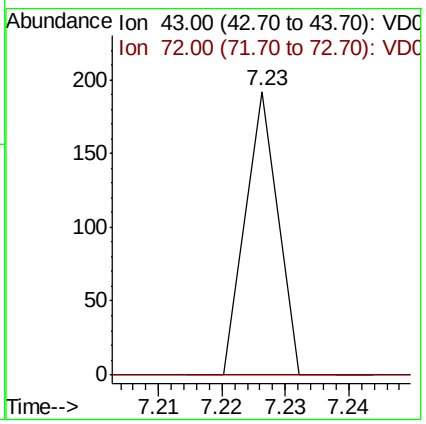


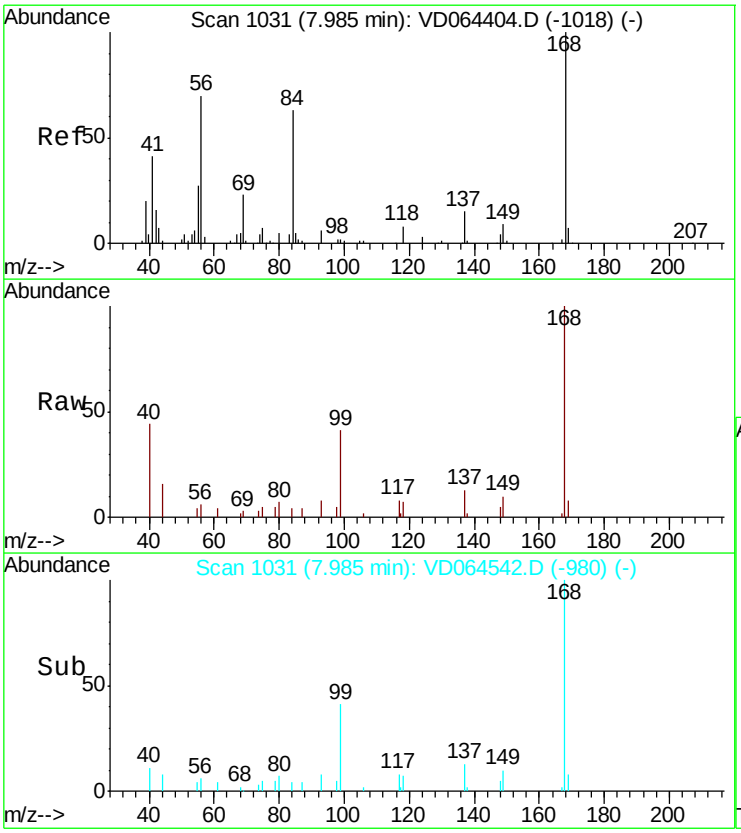
#25
2-Butanone
Concen: 1.690 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tgt Ion: 43 Resp: 68

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

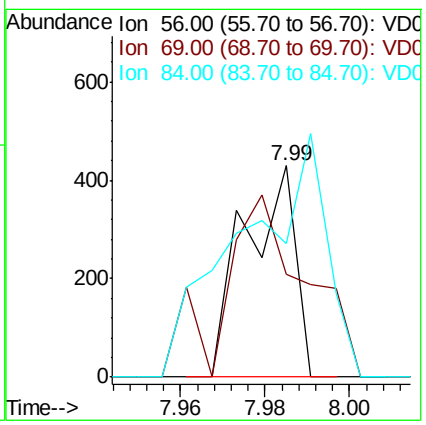


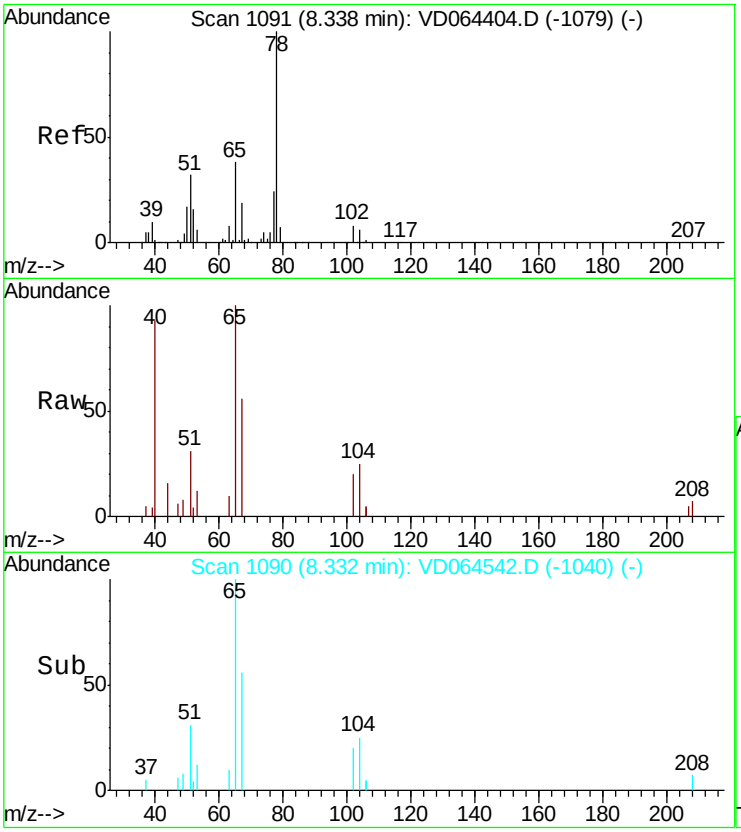


#31
Cyclohexane
Concen: Below Cal
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 56 Resp: 356

Ion	Ratio	Lower	Upper
56	100		
69	6.5	26.2	39.4#
84	23.5	70.3	105.5#



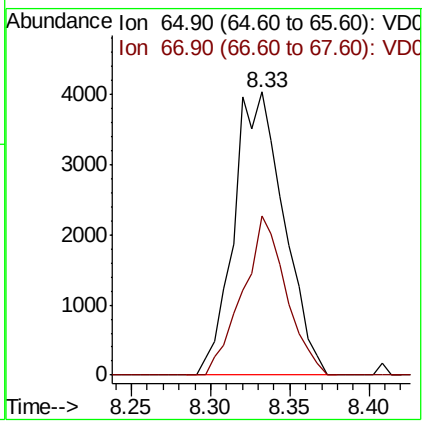


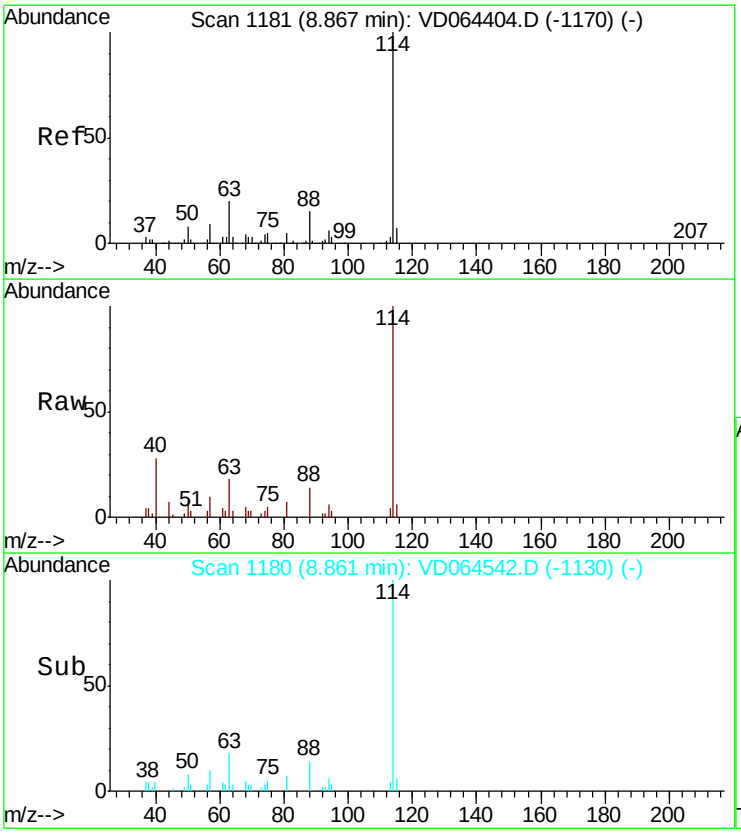
#33
1,2-Dichloroethane-d4
Concen: 62.994 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tgt Ion: 65 Resp: 8871

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	102.0

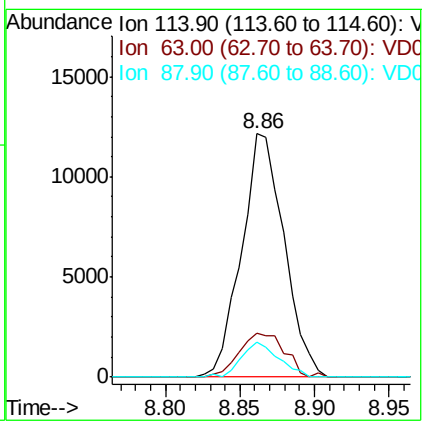


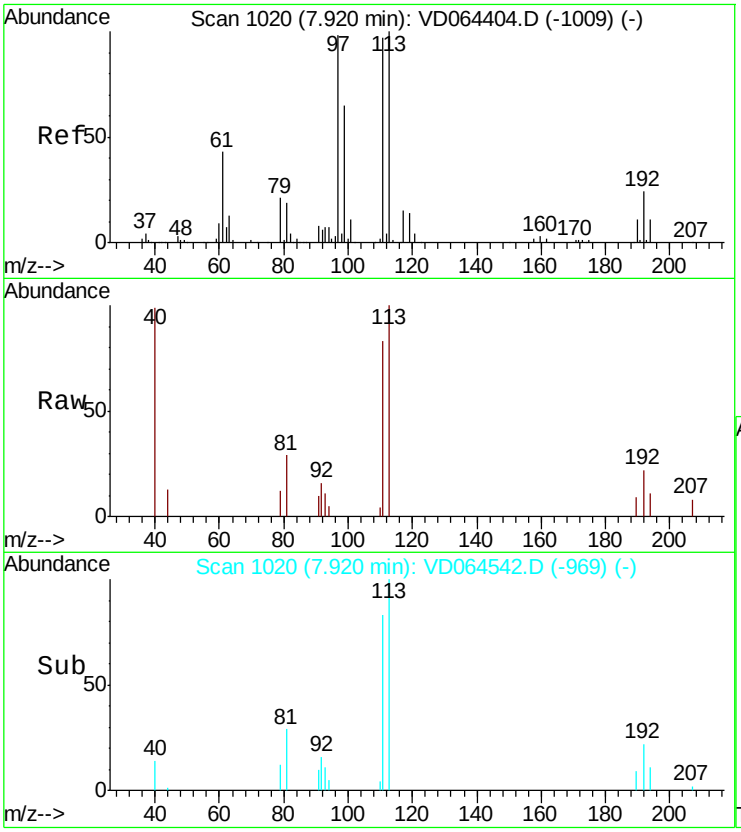


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion:114 Resp: 24009

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	40.0
88	14.3	0.0	29.2



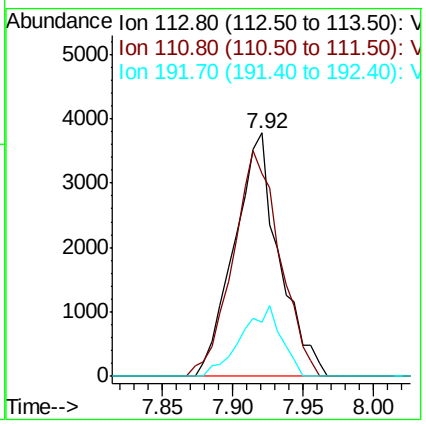


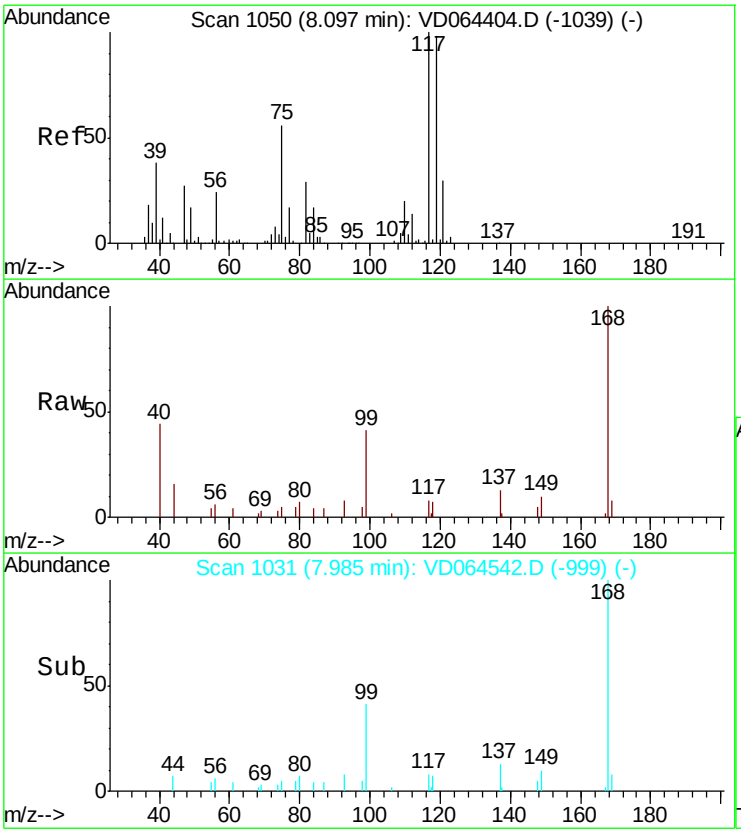
#35
Dibromofluoromethane
Concen: 55.431 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion:113 Resp: 8385

Ion	Ratio	Lower	Upper
113	100		
111	97.5	79.4	119.2
192	25.9	18.6	28.0

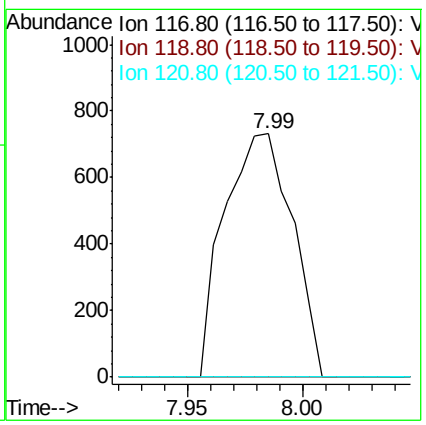


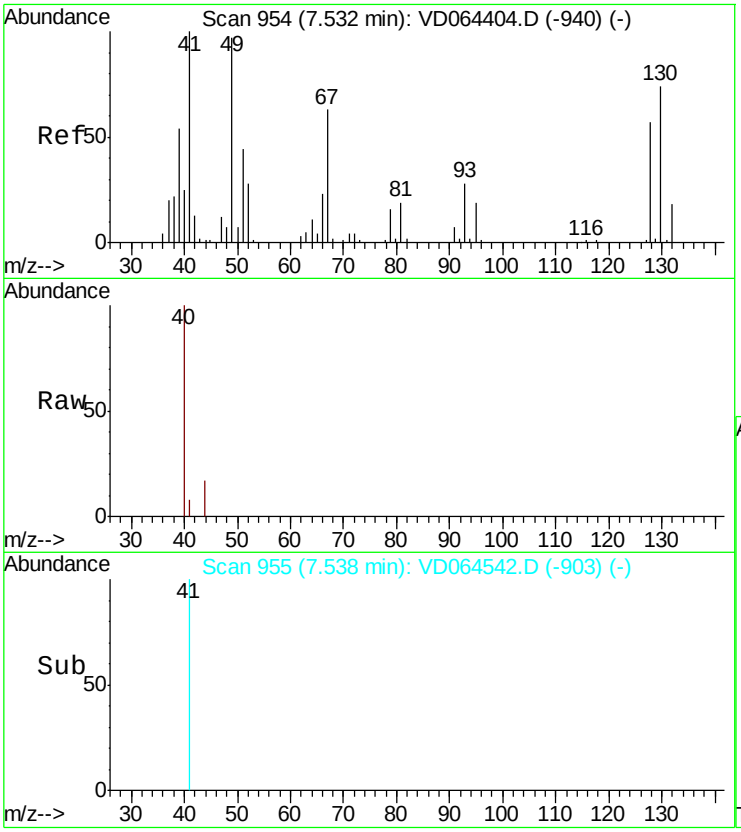


#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion:117 Resp: 1497

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.8	118.2#
121	0.0	24.2	36.2#



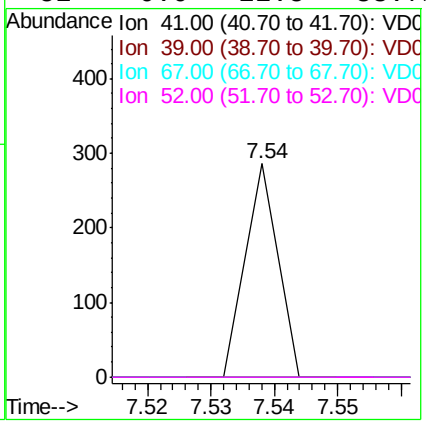


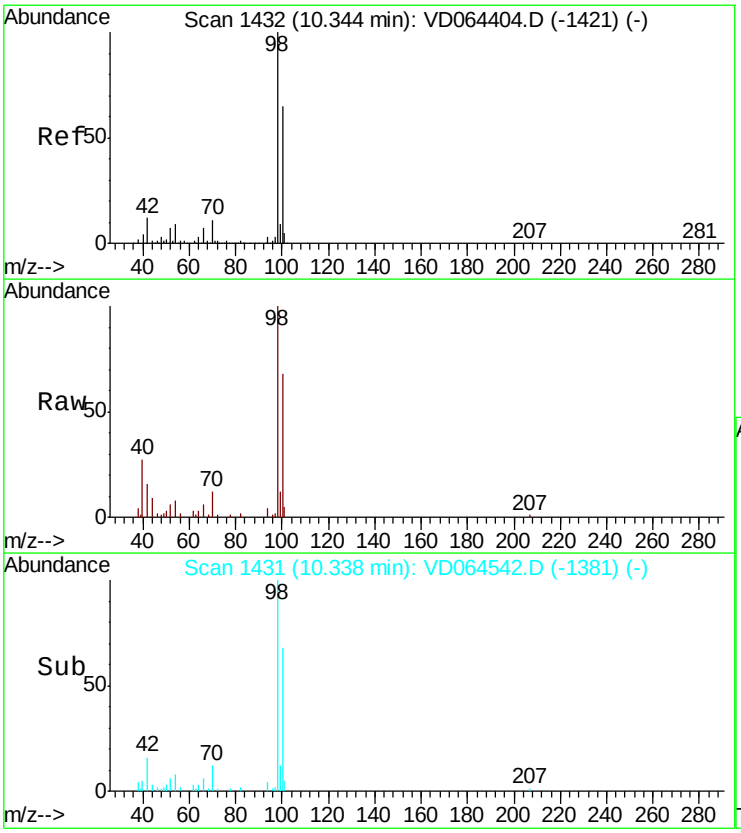
#41
Methacrylonitrile
Concen: 1.828 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion: 41 Resp: 101

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	50.9	76.3#
52	0.0	22.5	33.7#

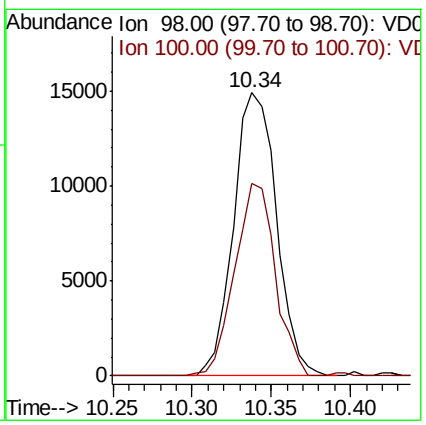


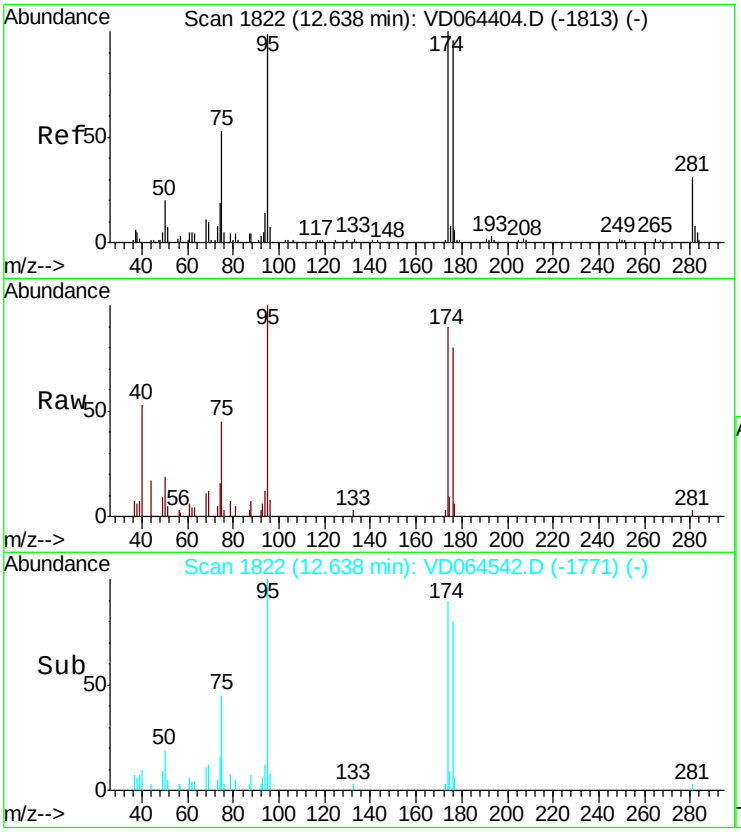


#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 98 Resp: 28049

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	79.0



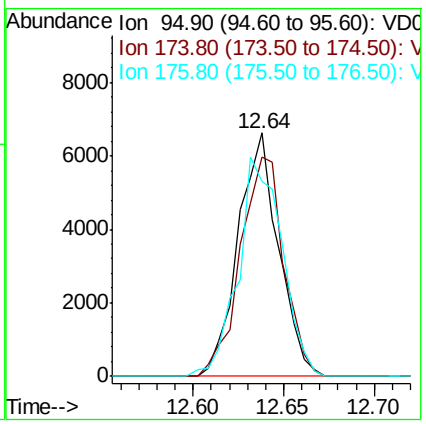


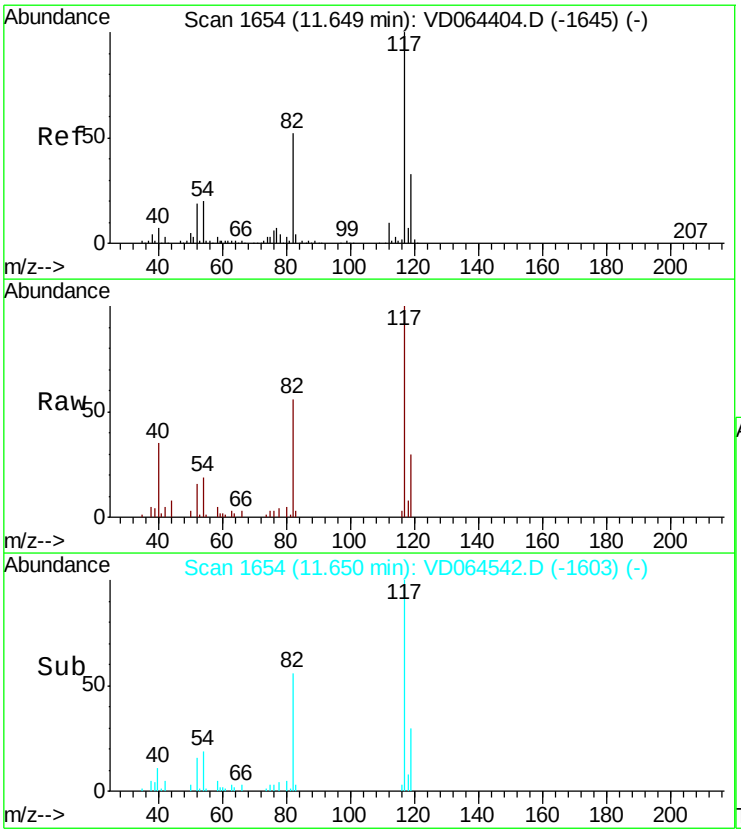
#62
4-Bromofluorobenzene
Concen: 56.028 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tgt Ion: 95 Resp: 10260

Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	197.2
176	97.1	0.0	189.6

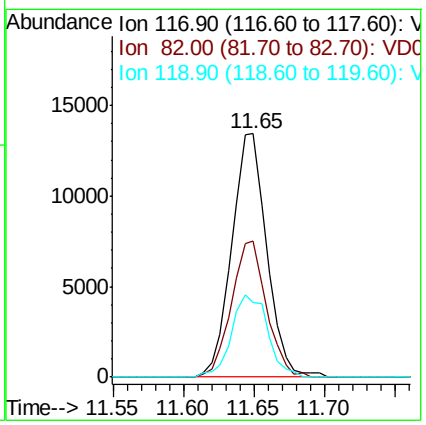


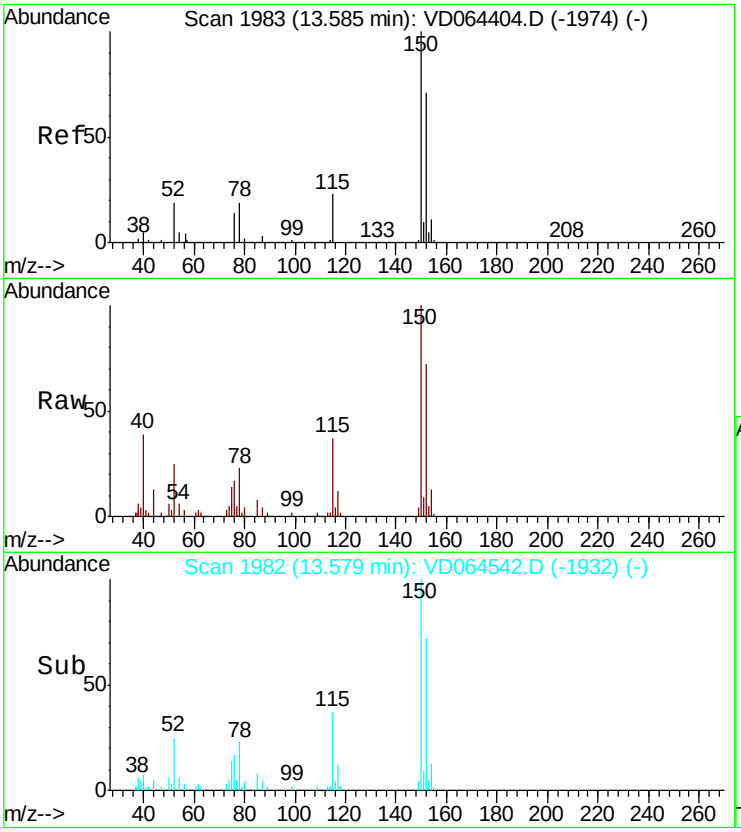


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion:117 Resp: 23270

Ion	Ratio	Lower	Upper
117	100		
82	55.8	41.4	62.2
119	30.4	26.2	39.2



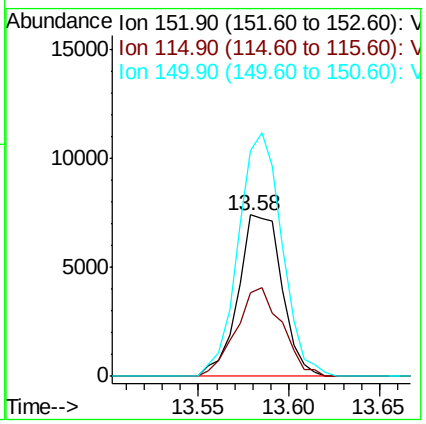


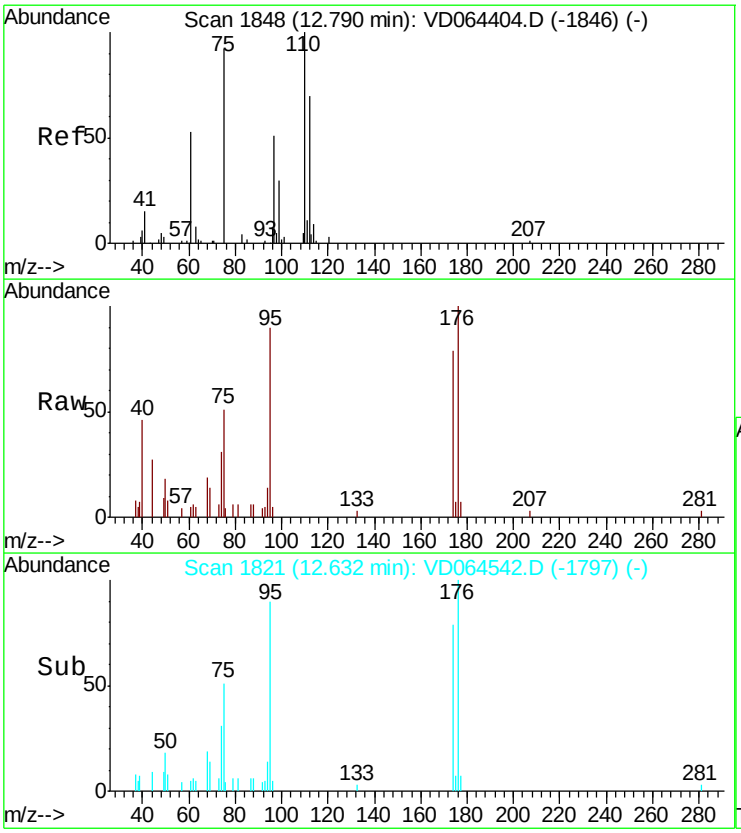
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion:152 Resp: 12462

Ion	Ratio	Lower	Upper
152	100		
115	57.3	26.7	80.1
150	150.1	0.0	347.2

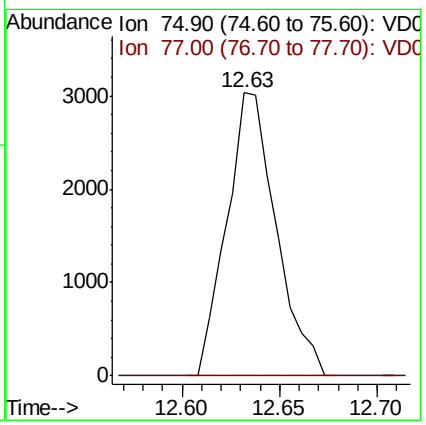


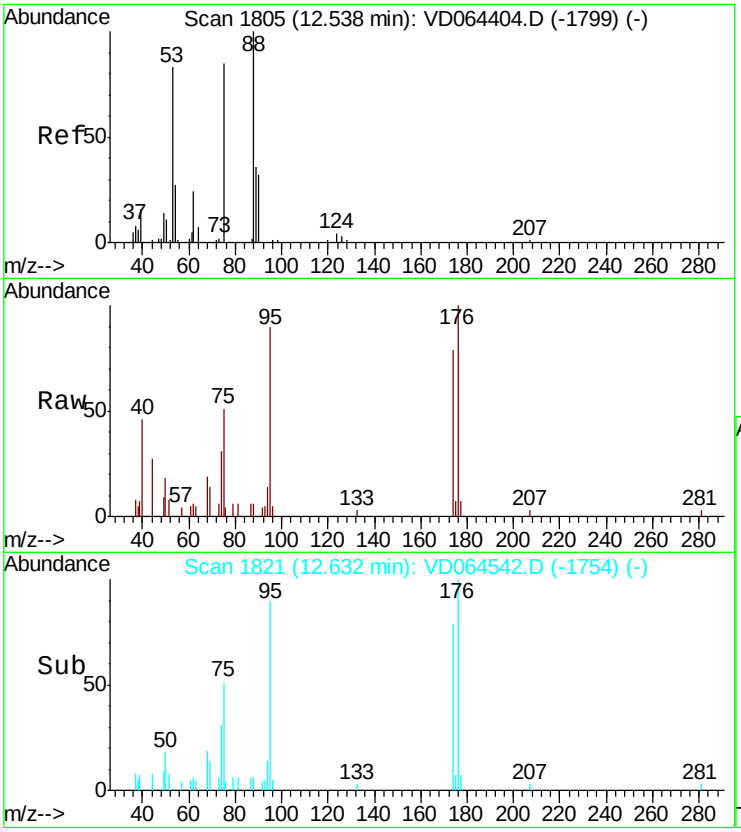


#76
1,2,3-Trichloropropane
Concen: 51.969 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.16 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 75 Resp: 5326

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



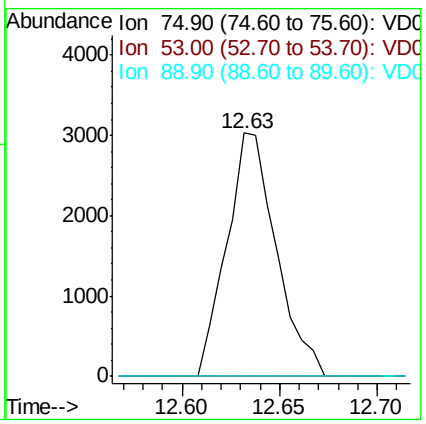


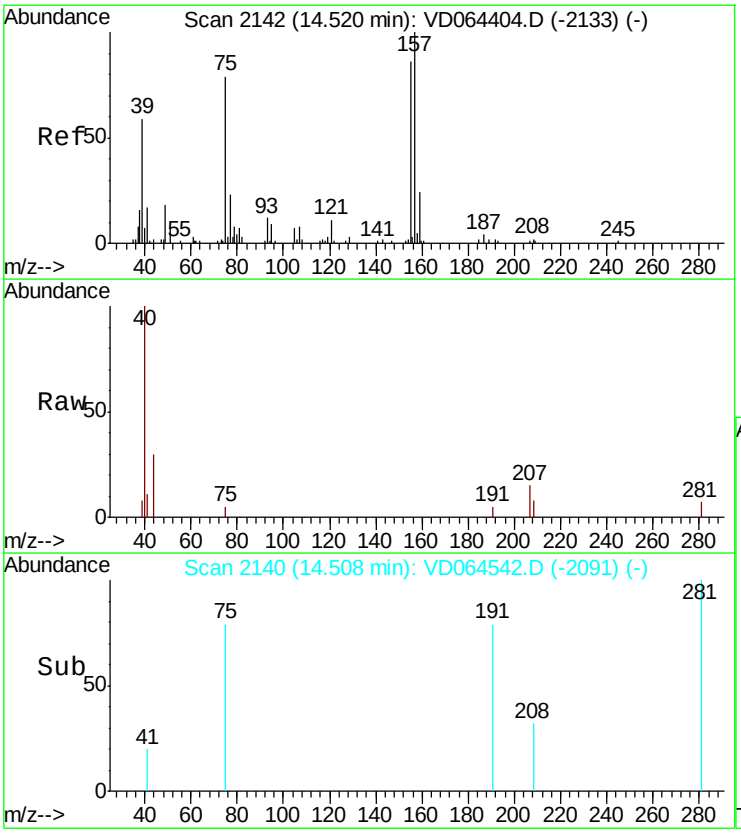
#81
trans-1,4-Dichloro-2-butene
Concen: 113.320 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.09 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument : MSVOA_D
ClientSampleId : EP-10

Tgt Ion: 75 Resp: 5326

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.6#
89	0.0	38.5	57.7#

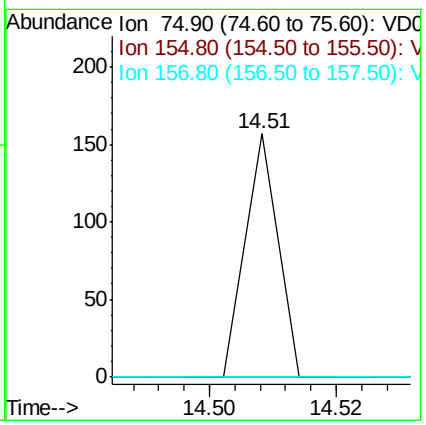


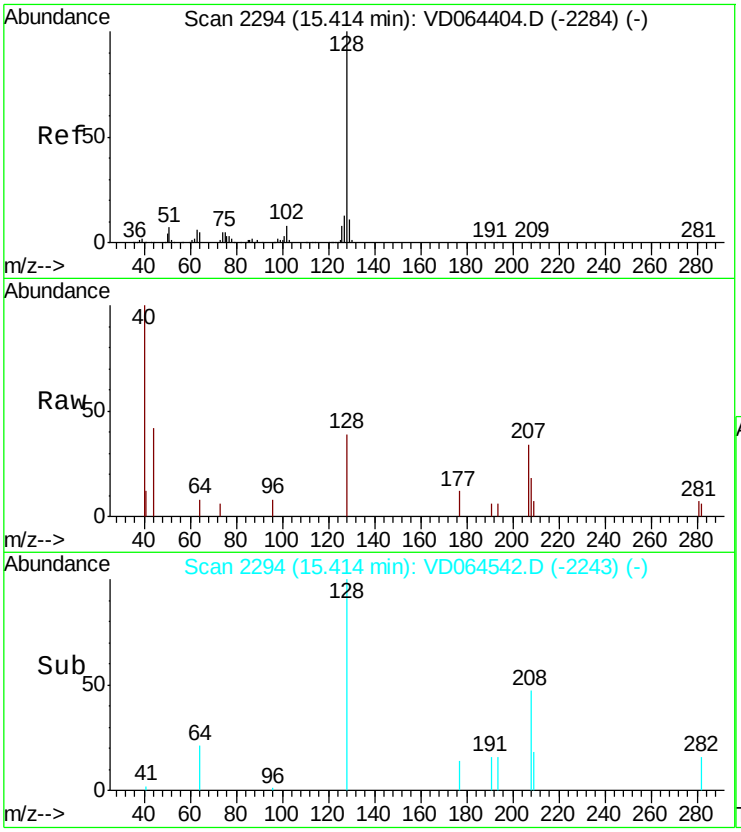


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 75 Resp: 55

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.9	155.7#
157	0.0	63.2	189.8#





#95
Naphthalene
Concen: 3.666 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064542.D
Acq: 17 Dec 2019 13:44

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tgt Ion:128 Resp: 1682

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	4.1	8.8	13.2#