Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051719\
Data File : VD062439.D
Acq On : 17 May 2019 15:09
Operator : FY/SY
Sample : K2866-01RE
Misc : 5.94g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 18 00:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	7126	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.21	114	12167	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	8458	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	5027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	3827	57.79	ug/l	0.02
Spiked Amount 50.000			Recovery = 115.58%			
35) Dibromofluoromethane	6.91	113	2204	21.83	ug/l	0.02
Spiked Amount 50.000			Recovery = 43.66%			
50) Toluene-d8	10.42	98	5596	22.99	ug/l	0.02
Spiked Amount 50.000			Recovery = 45.98%			
62) 4-Bromofluorobenzene	13.56	95	3711	37.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.94%			
Target Compounds						Qvalue
3) Chloromethane	1.83	50	179	3.635	ug/l #	43
6) Chloroethane	2.31	64	234	11.522	ug/l #	43
16) Acetone	3.16	43	192	13.825	ug/l #	50
38) Carbon Tetrachloride	7.05	117	210	1.521	ug/l #	12
43) Isopropyl Acetate	9.36	43	211	3.517	ug/l #	43
52) Toluene	10.51	92	363	2.477	ug/l #	63
59) 2-Hexanone	11.53	43	197	6.930	ug/l #	27
76) 1,2,3-Trichloropropane	13.56	75	1278	21.392	ug/l #	42
78) n-propylbenzene	13.77	91	480	1.335	ug/l #	54
79) 2-Chlorotoluene	13.77	91	480	2.332	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.94	105	654	2.577	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.56	75	1279	75.835	ug/l #	16
82) 4-Chlorotoluene	13.77	91	480	1.981	ug/l #	37
84) 1,2,4-Trimethylbenzene	14.24	105	1471	5.777	ug/l	91
86) p-Isopropyltoluene	14.49	119	366	1.310	ug/l #	52
87) 1,3-Dichlorobenzene	14.54	146	472	3.063	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	472	3.117	ug/l #	25
89) n-Butylbenzene	14.78	91	390	1.555	ug/l #	1
95) Naphthalene	16.12	128	489	3.792	ug/l #	70

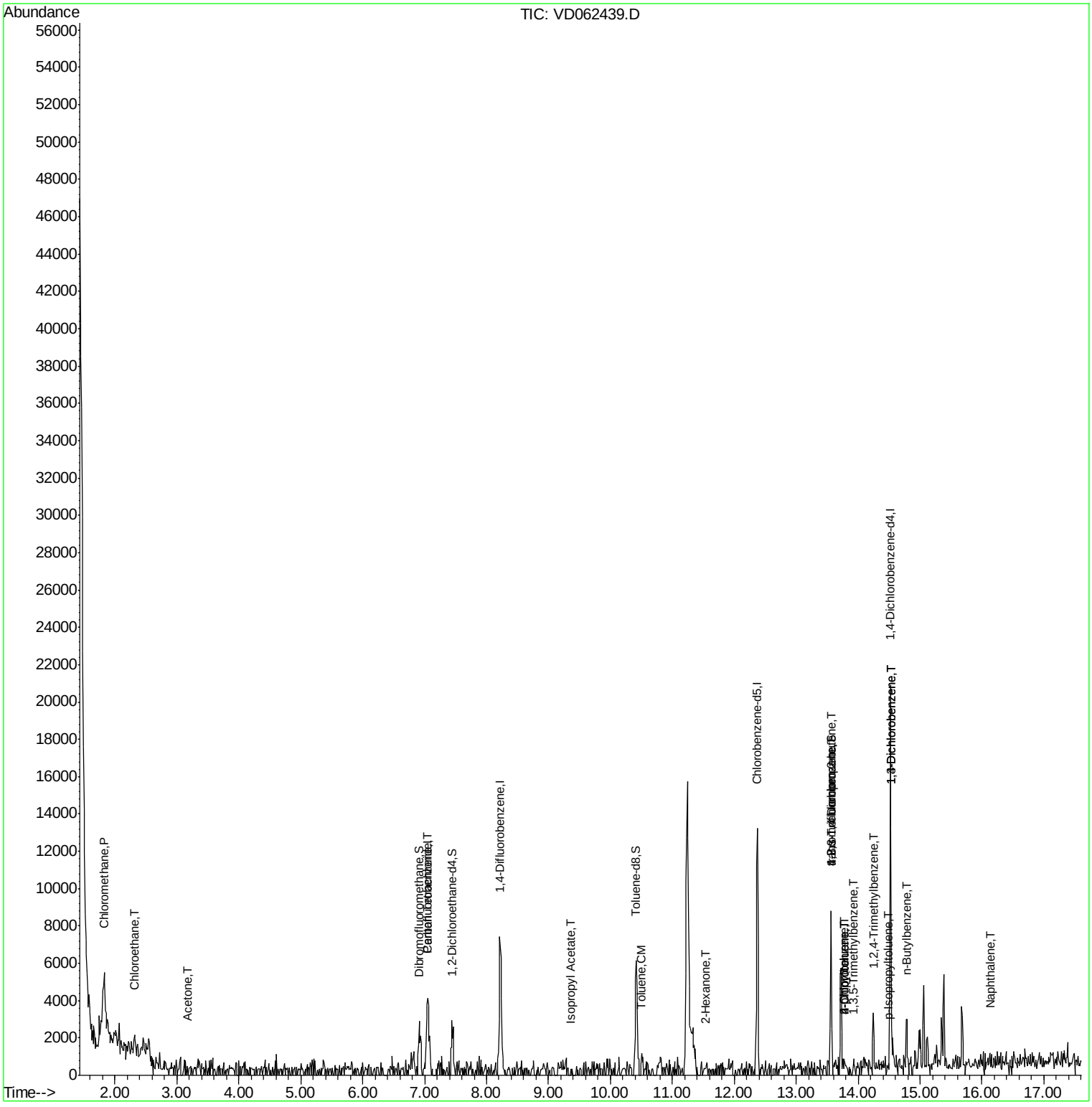
(#) = qualifier out of range (m) = manual integration (+) = signals summed

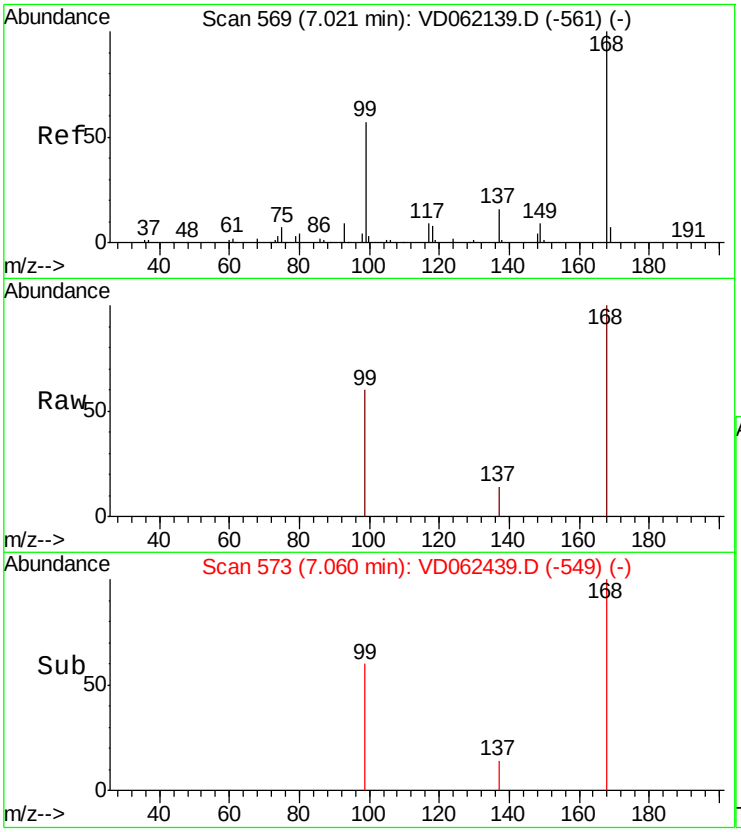
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051719\
Data File : VD062439.D
Acq On : 17 May 2019 15:09
Operator : FY/SY
Sample : K2866-01RE
Misc : 5.94g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 18 00:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



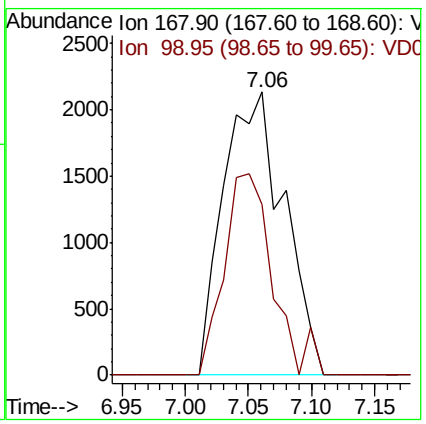


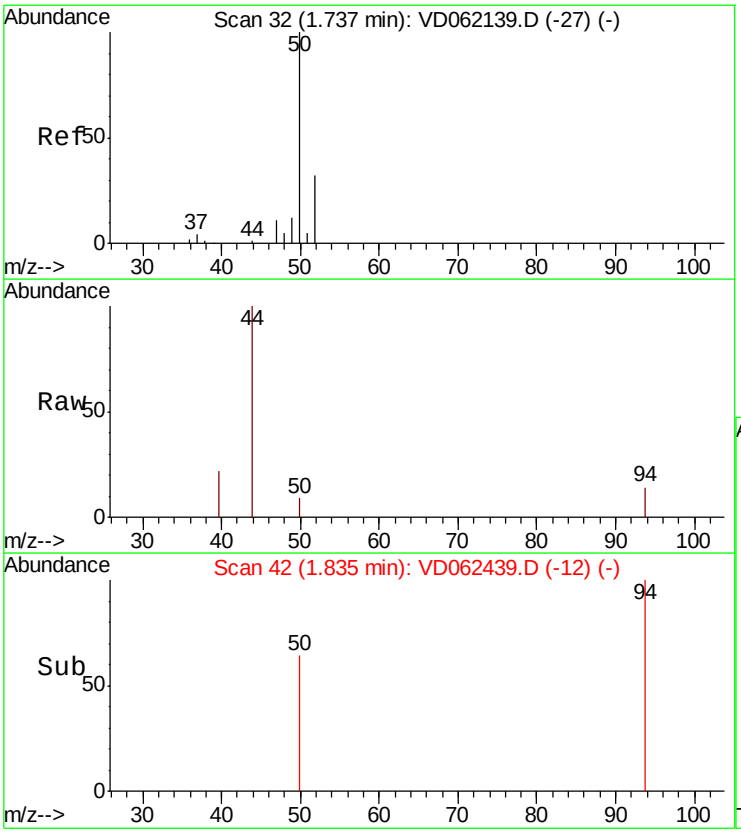
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 7126

Ion	Ratio	Lower	Upper
168	100		
99	60.2	46.5	69.7

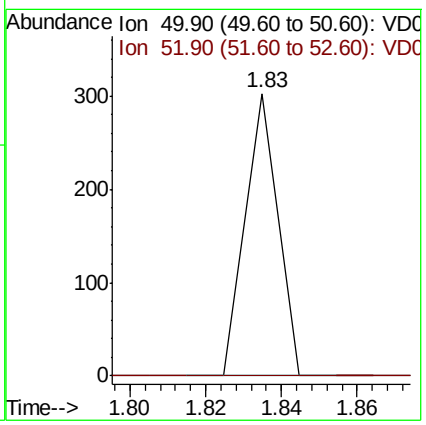


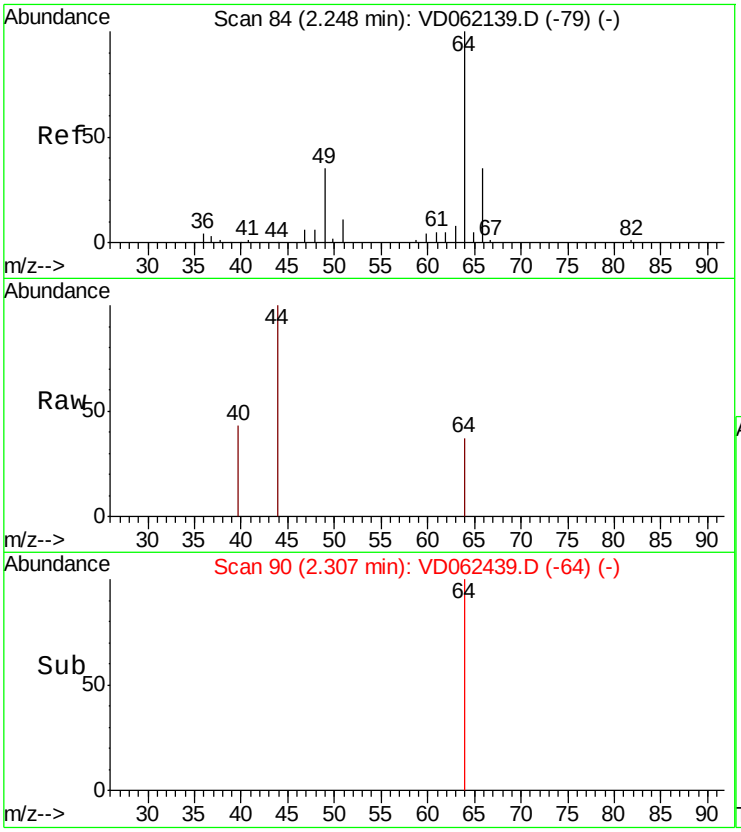


#3
Chloromethane
Concen: 3.635 ug/l
RT: 1.83 min Scan# 42
Delta R.T. 0.10 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 50 Resp: 179

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



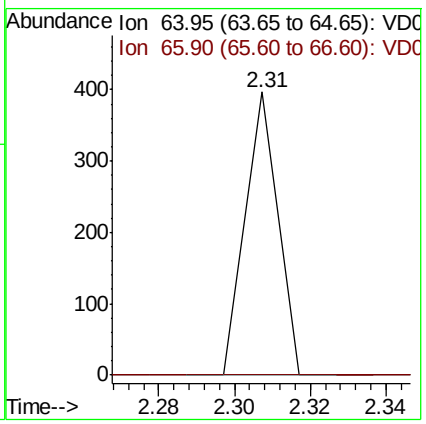


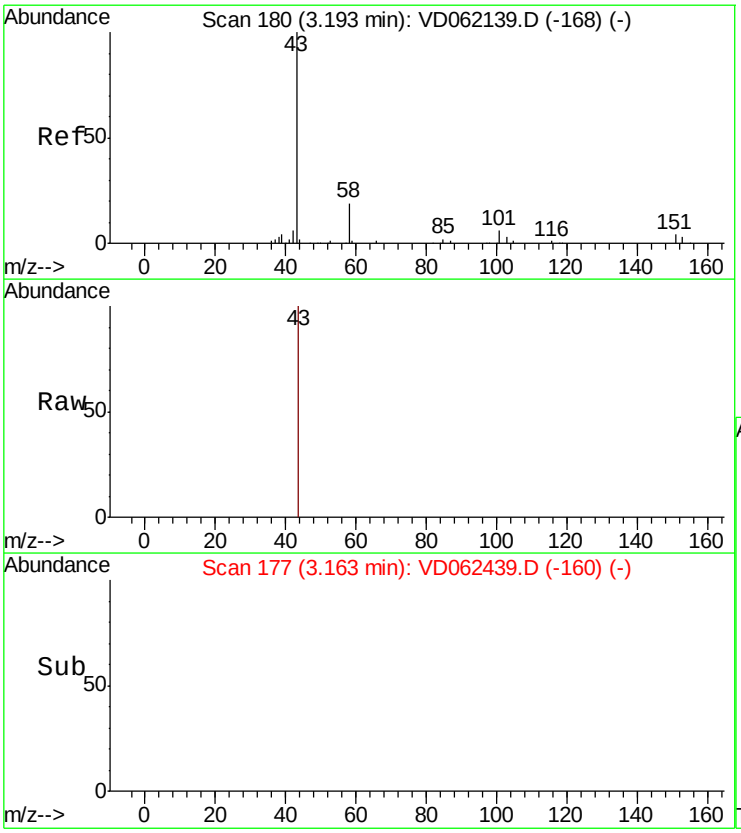
#6
Chloroethane
Concen: 11.522 ug/l
RT: 2.31 min Scan# 90
Delta R.T. 0.06 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 64 Resp: 234

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.6	38.4#

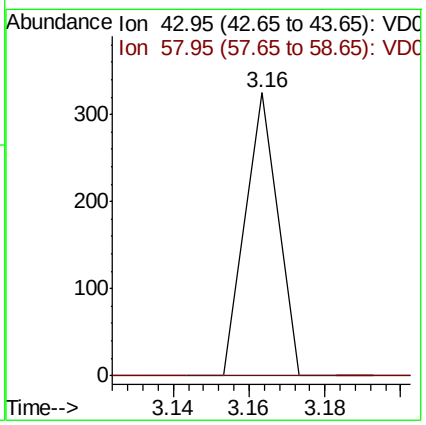


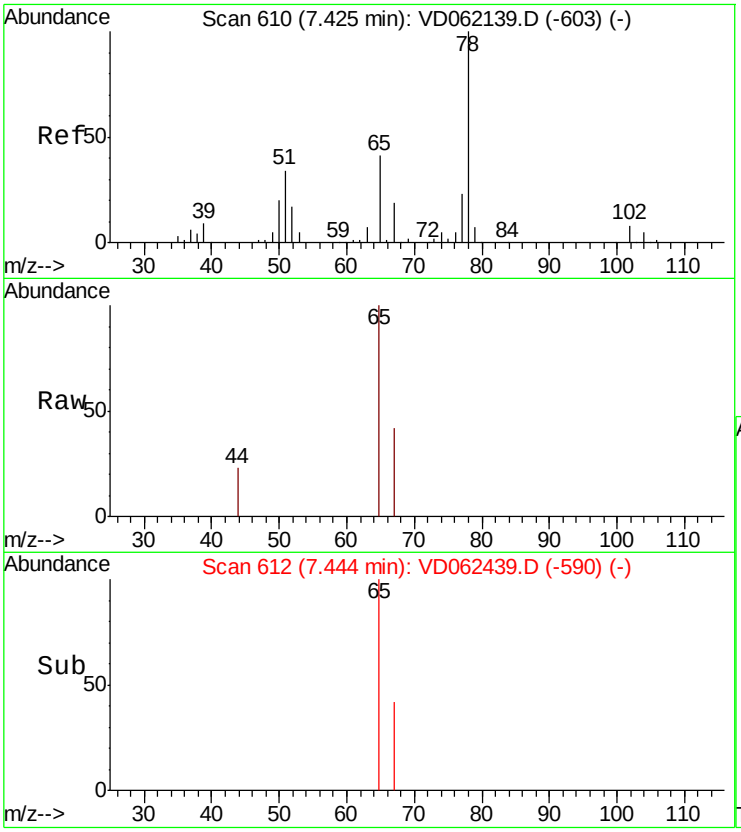


#16
Acetone
Concen: 13.825 ug/l
RT: 3.16 min Scan# 177
Delta R.T. -0.03 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 43 Resp: 192

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



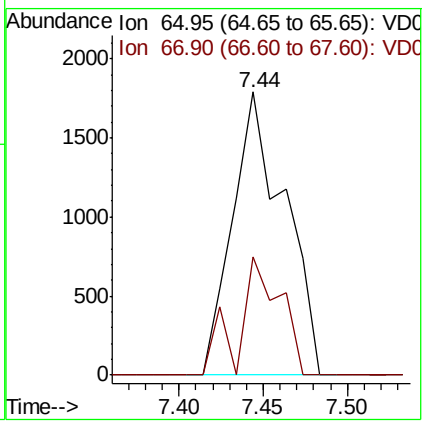


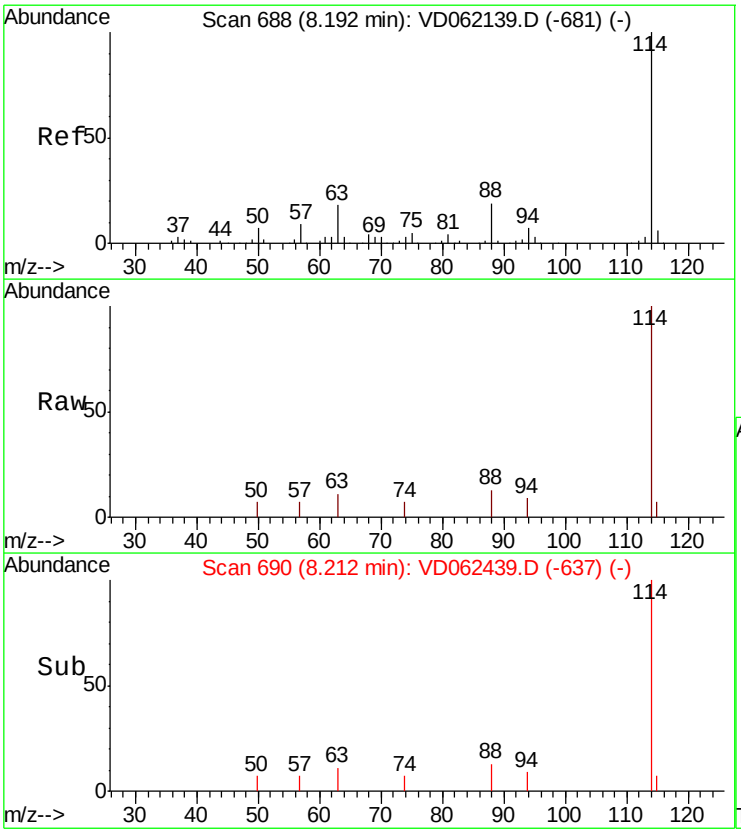
#33
1,2-Dichloroethane-d4
Concen: 57.790 ug/l
RT: 7.44 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 3827

Ion	Ratio	Lower	Upper
65	100		
67	41.6	0.0	98.0

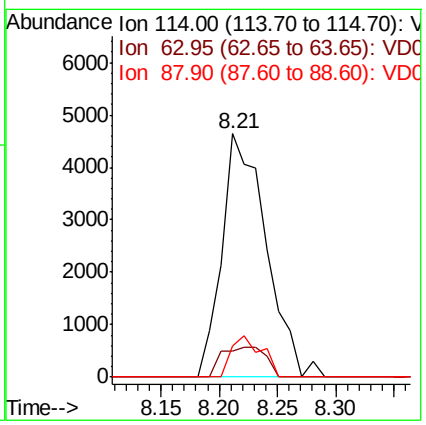


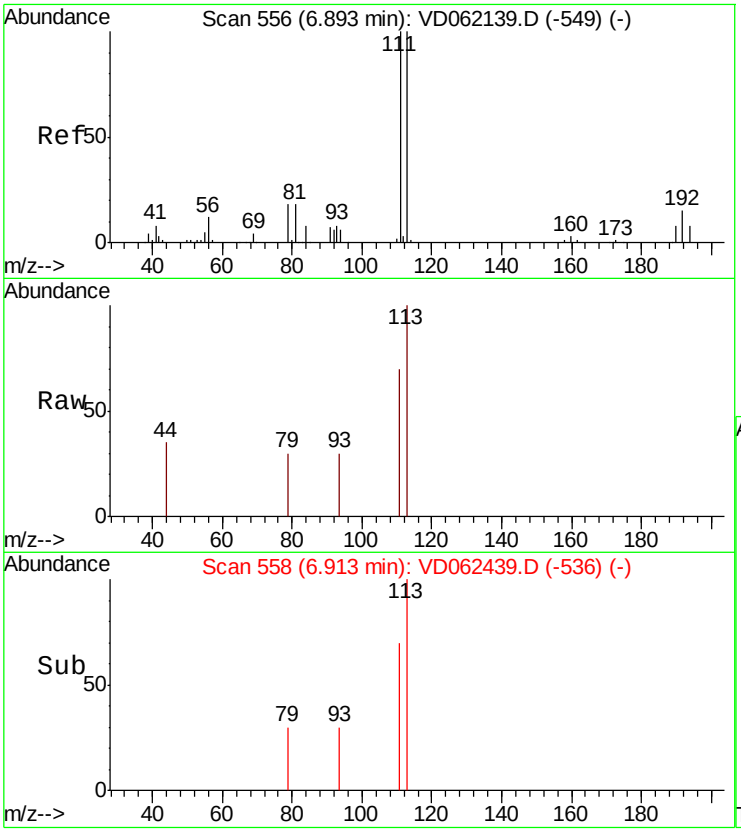


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion:114 Resp: 12167

Ion	Ratio	Lower	Upper
114	100		
63	10.9	0.0	32.4
88	12.8	0.0	33.6



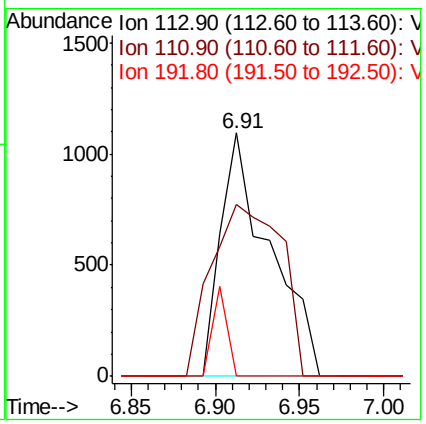


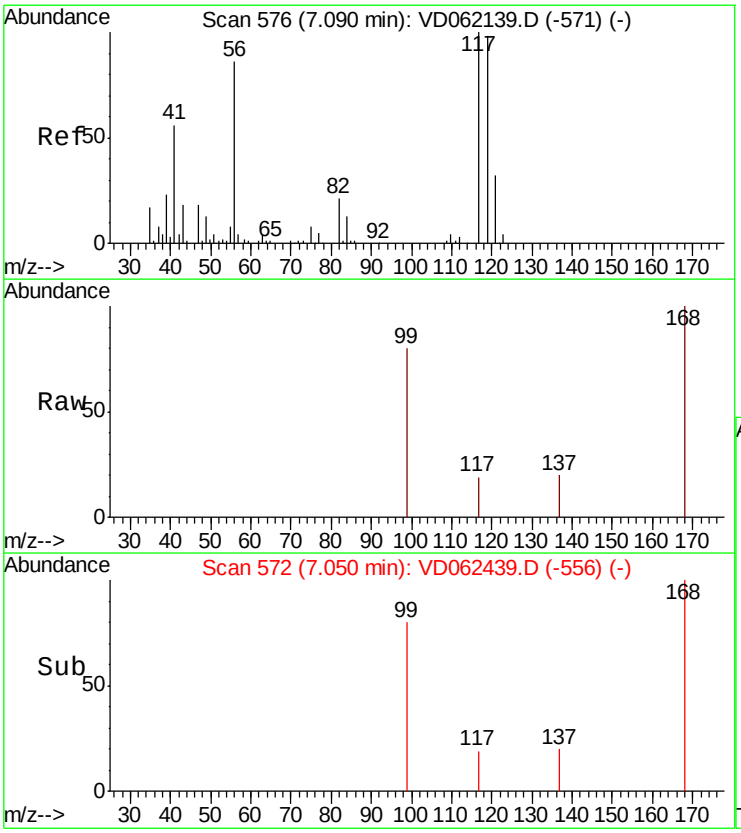
#35
Dibromofluoromethane
Concen: 21.832 ug/l
RT: 6.91 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 2204

Ion	Ratio	Lower	Upper
113	100		
111	70.4	78.5	117.7#
192	0.0	13.0	19.4#

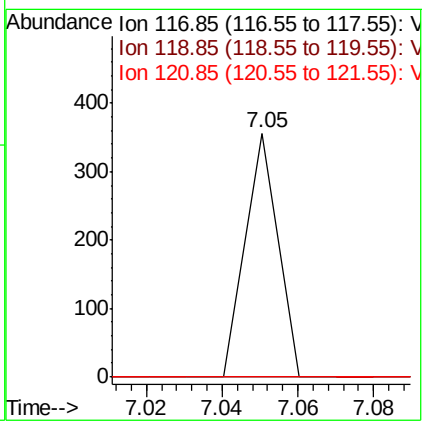


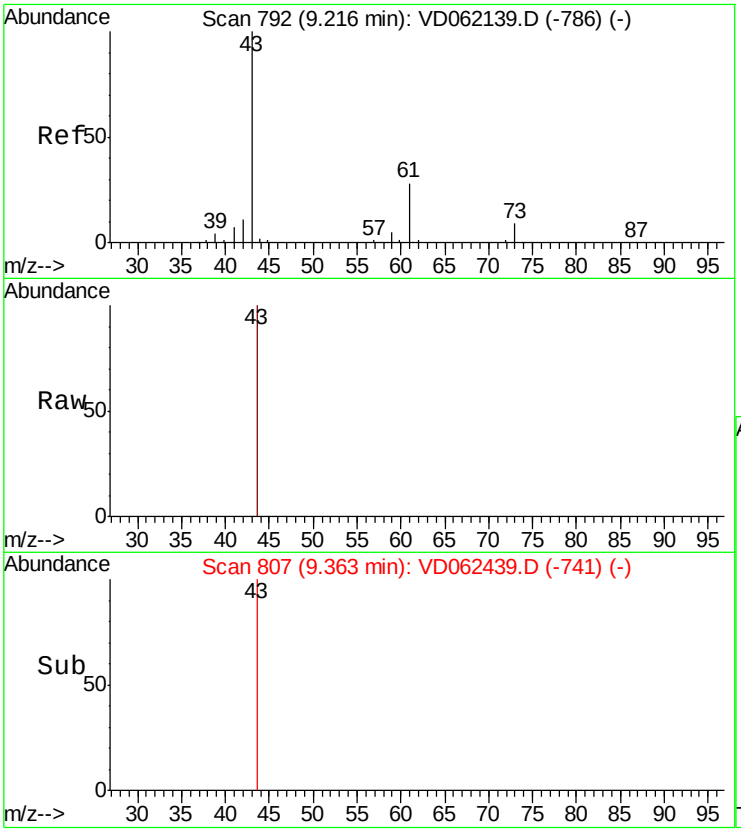


#38
Carbon Tetrachloride
Concen: 1.521 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion:117 Resp: 210

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.9	38.9#



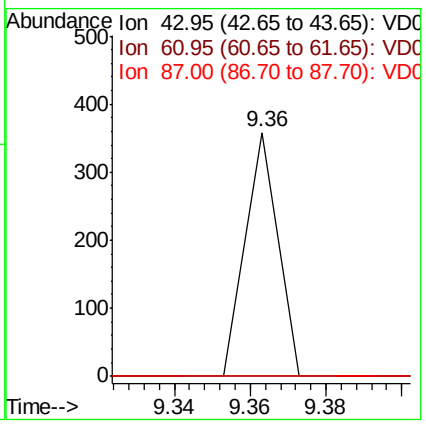


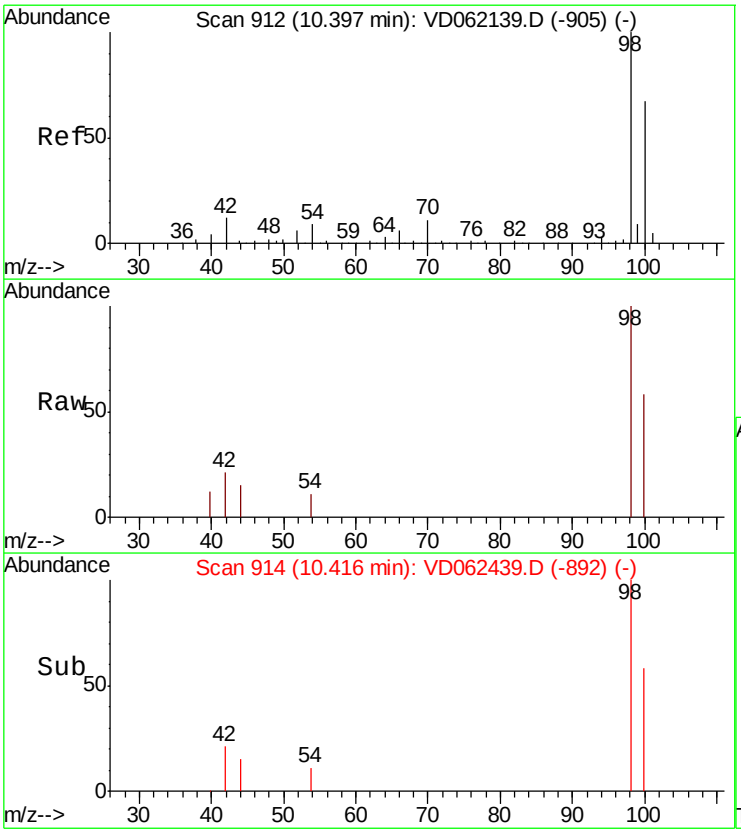
#43
Isopropyl Acetate
Concen: 3.517 ug/l
RT: 9.36 min Scan# 807
Delta R.T. 0.15 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 211

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.0	0.0

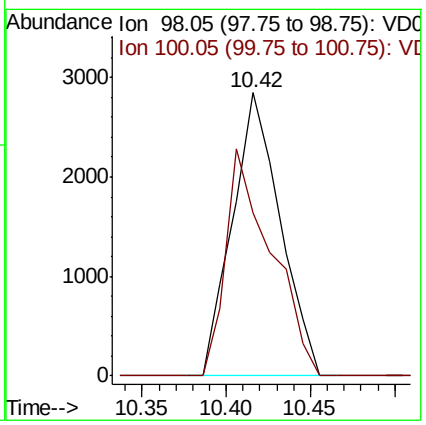


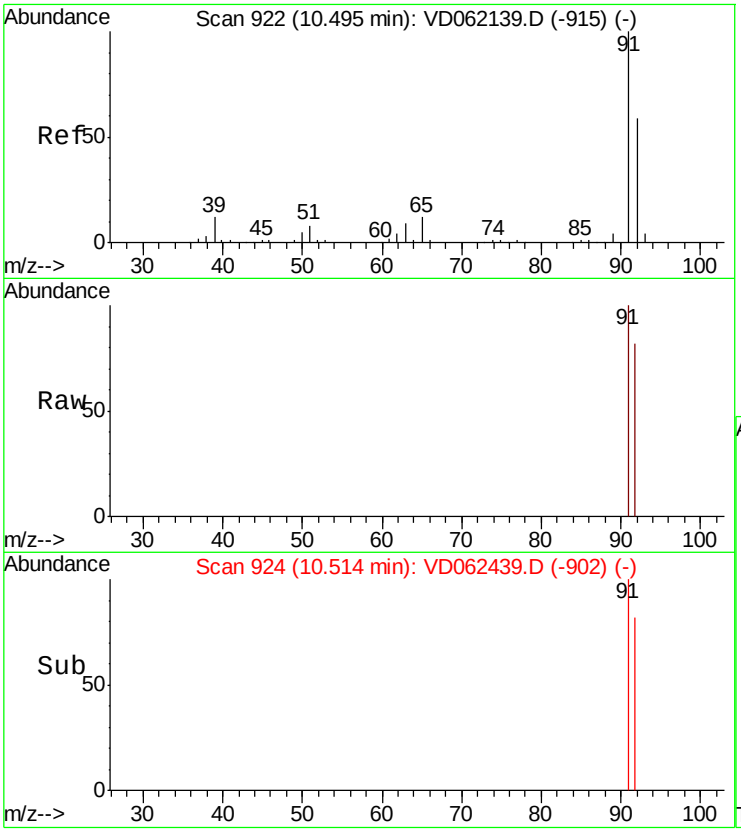


#50
Toluene-d8
Concen: 22.991 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 98 Resp: 5596

Ion	Ratio	Lower	Upper
98	100		
100	57.7	53.8	80.8



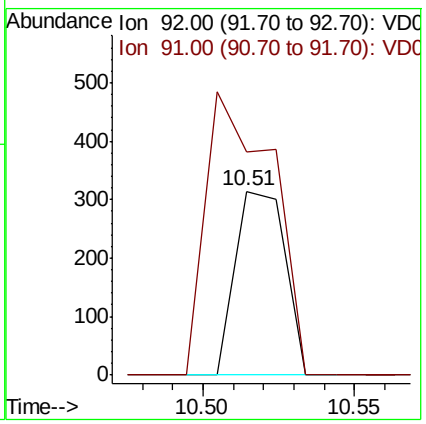


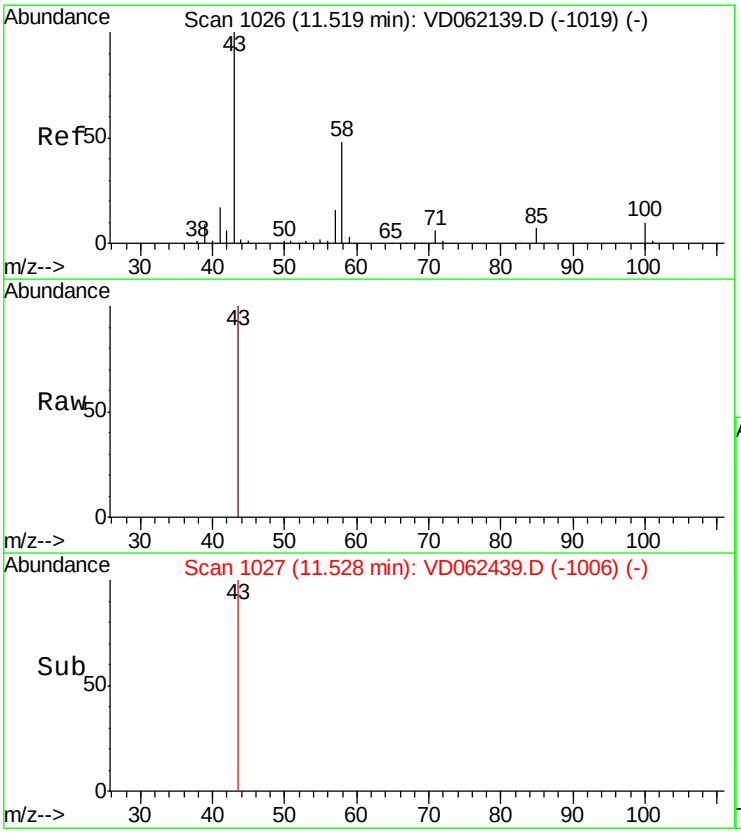
#52
Toluene
Concen: 2.477 ug/l
RT: 10.51 min Scan# 924
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 363

Ion	Ratio	Lower	Upper
92	100		
91	221.7	136.6	204.8#

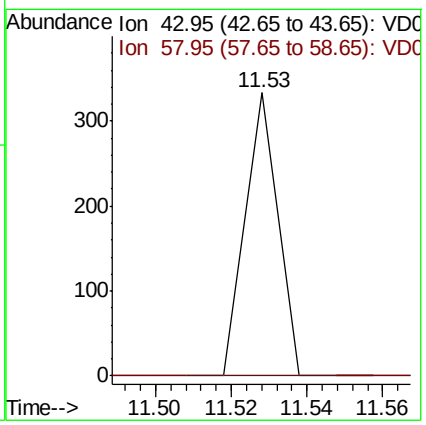


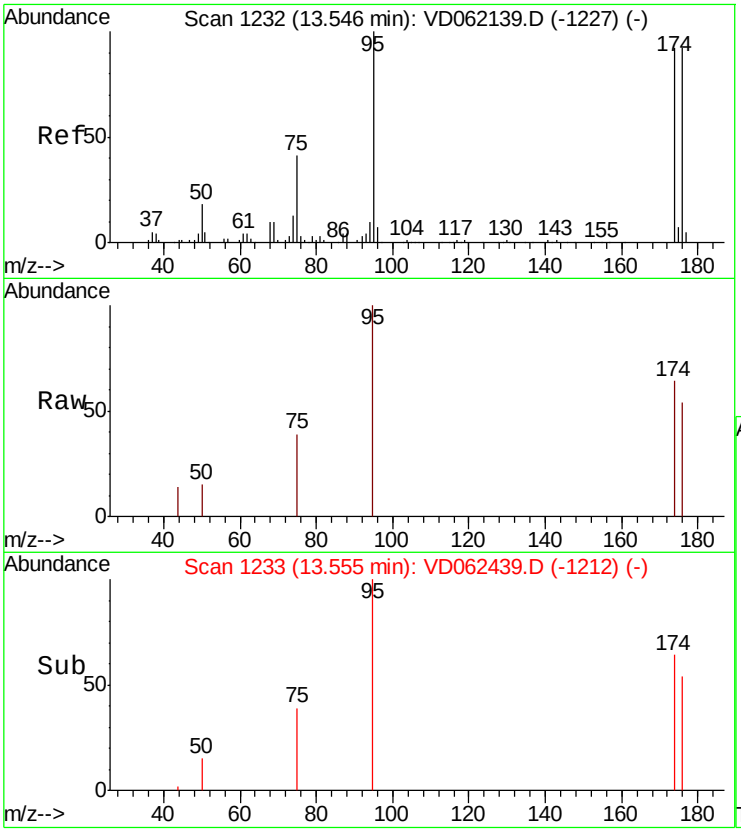


#59
2-Hexanone
Concen: 6.930 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 43 Resp: 197

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#



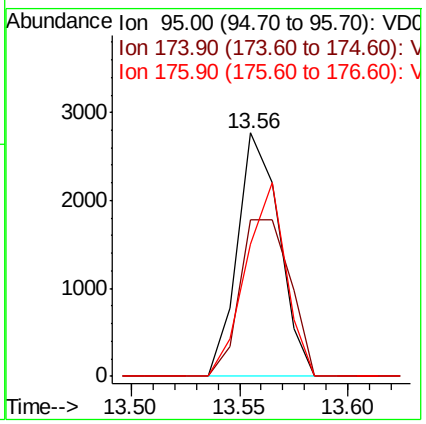


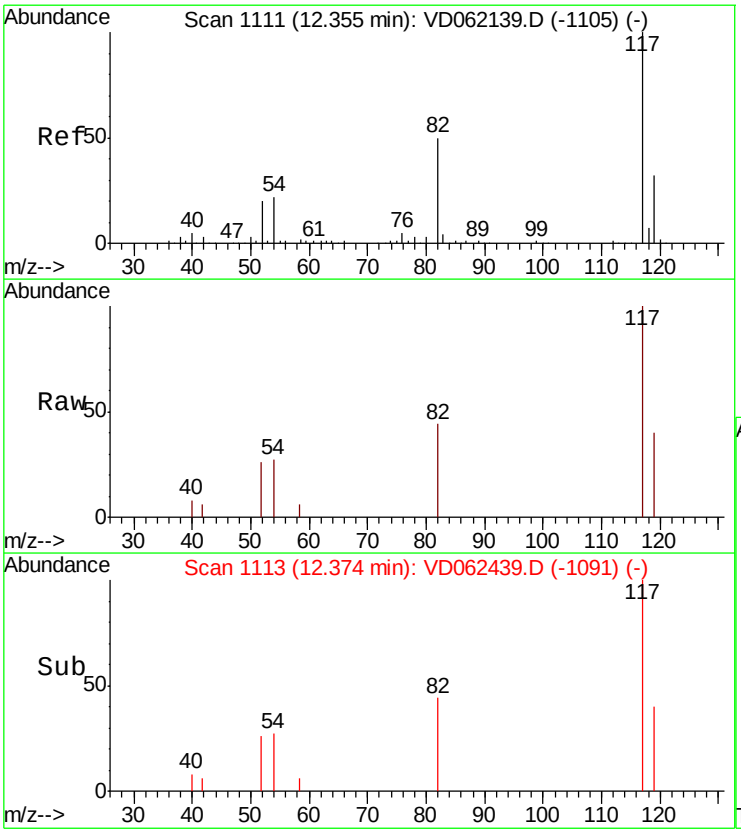
#62
4-Bromofluorobenzene
Concen: 37.968 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 3711

Ion	Ratio	Lower	Upper
95	100		
174	64.4	0.0	181.8
176	54.3	0.0	174.4

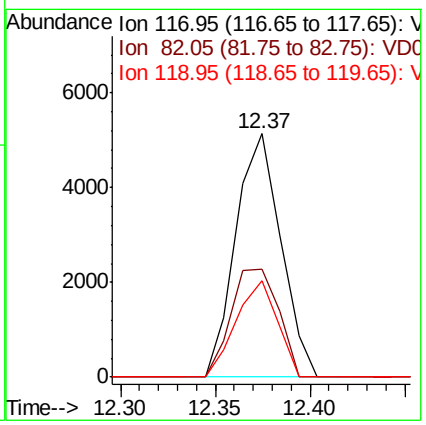


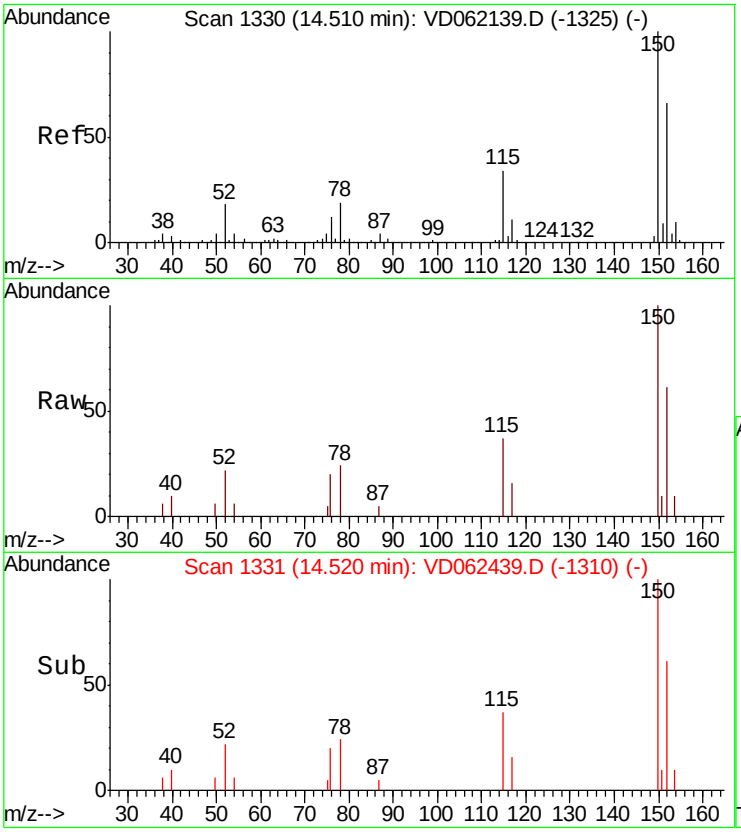


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion:117 Resp: 8458

Ion	Ratio	Lower	Upper
117	100		
82	44.4	36.2	54.2
119	39.6	26.2	39.4#



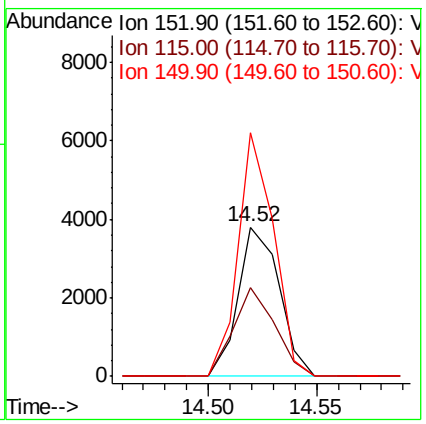


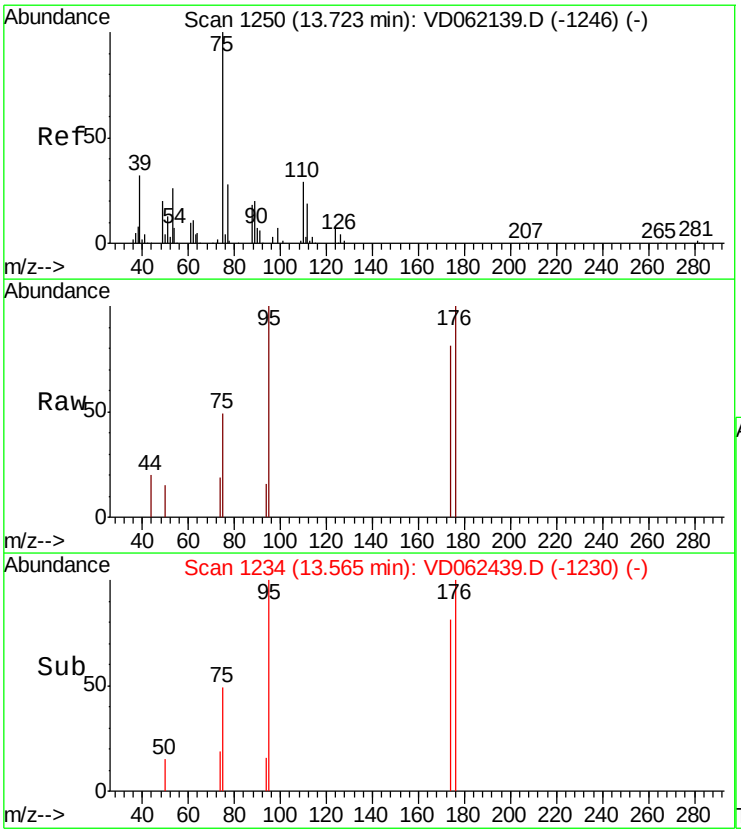
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 5027

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.9	92.7
150	163.1	0.0	314.8

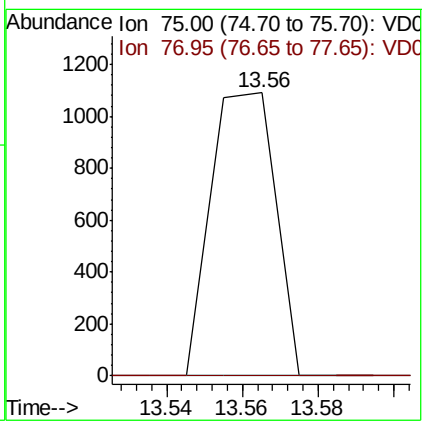


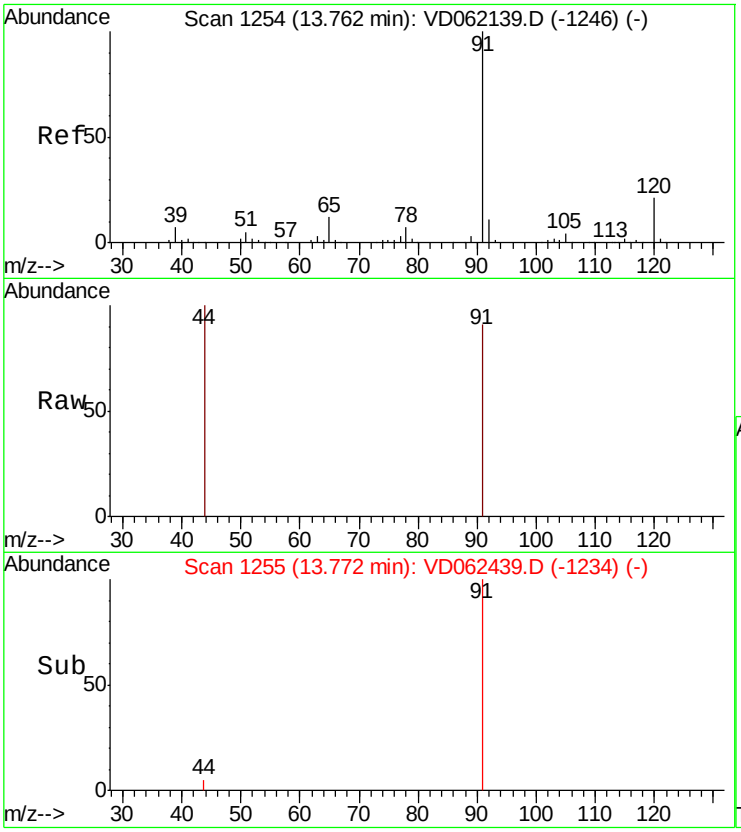


#76
1,2,3-Trichloropropane
Concen: 21.392 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. -0.16 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 75 Resp: 1278

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#



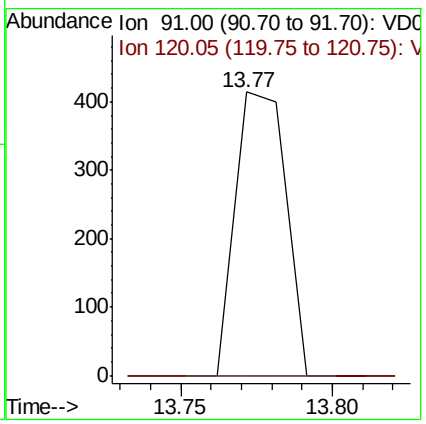


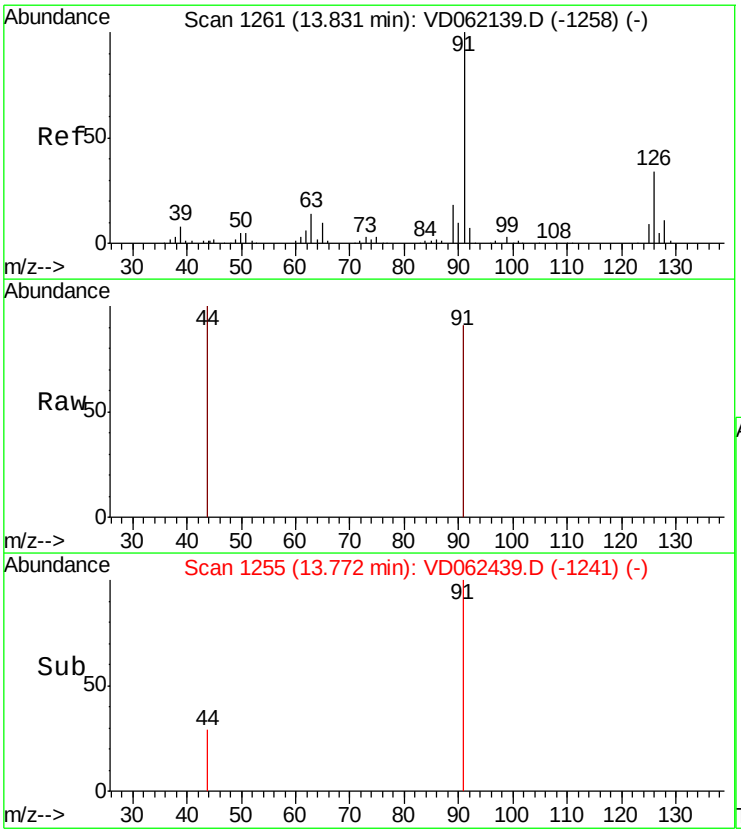
#78
n-propylbenzene
Concen: 1.335 ug/l
RT: 13.77 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 480

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.1	33.1#

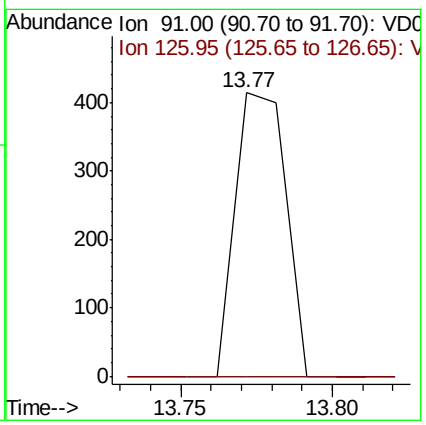


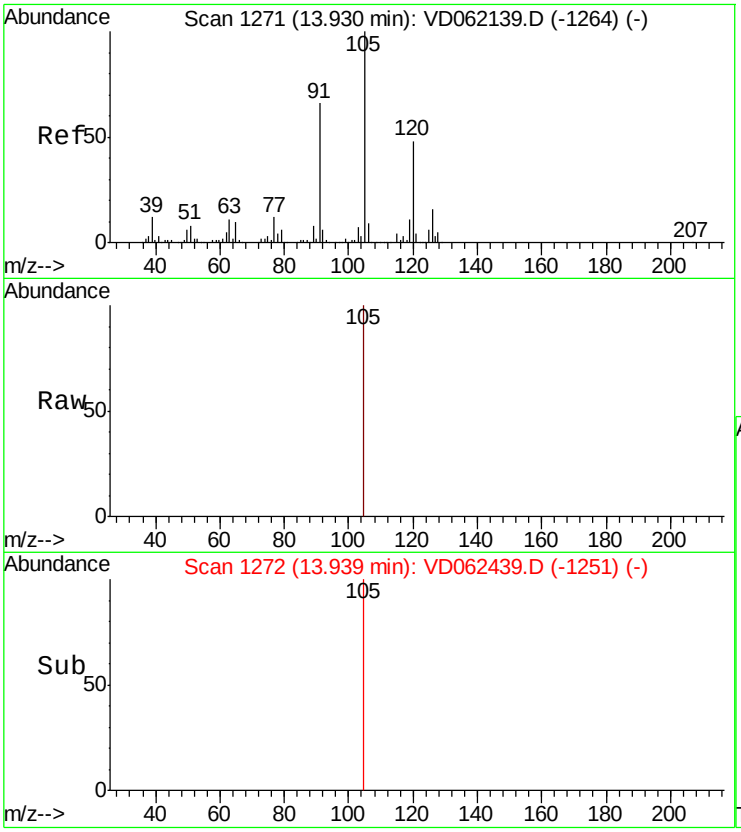


#79
2-Chlorotoluene
Concen: 2.332 ug/l
RT: 13.77 min Scan# 1255
Delta R.T. -0.06 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 91 Resp: 480

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#



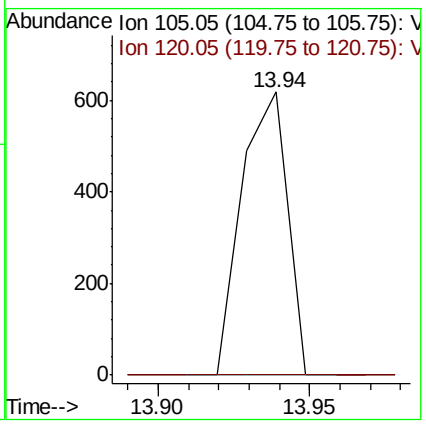


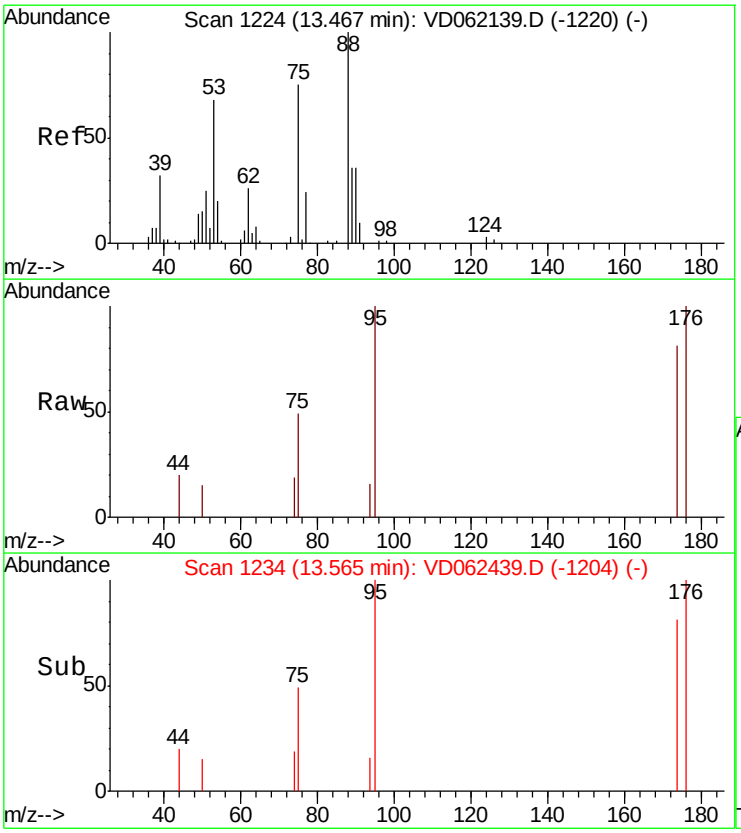
#80
1,3,5-Trimethylbenzene
Concen: 2.577 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 654

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.0	72.0#

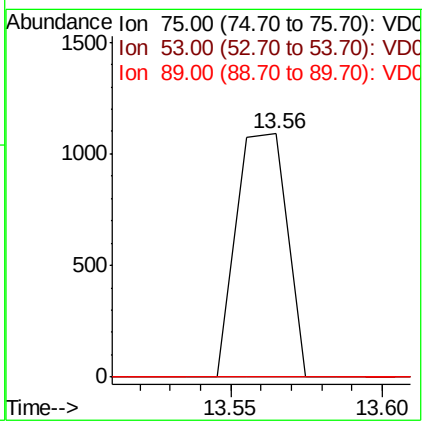


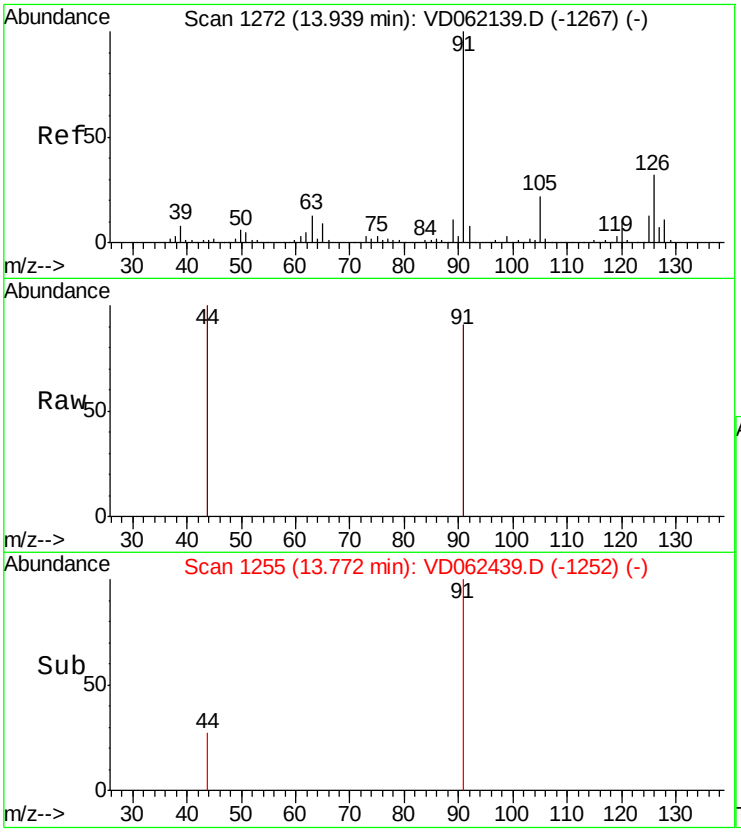


#81
trans-1,4-Dichloro-2-butene
Concen: 75.835 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.10 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 75 Resp: 1279

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



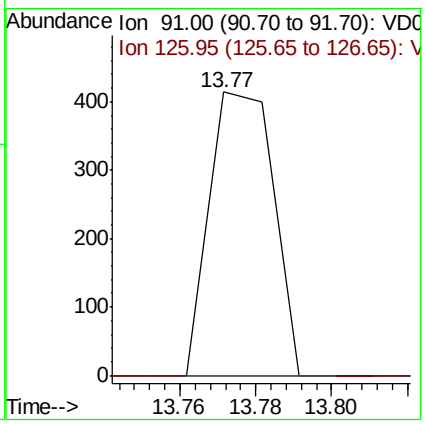


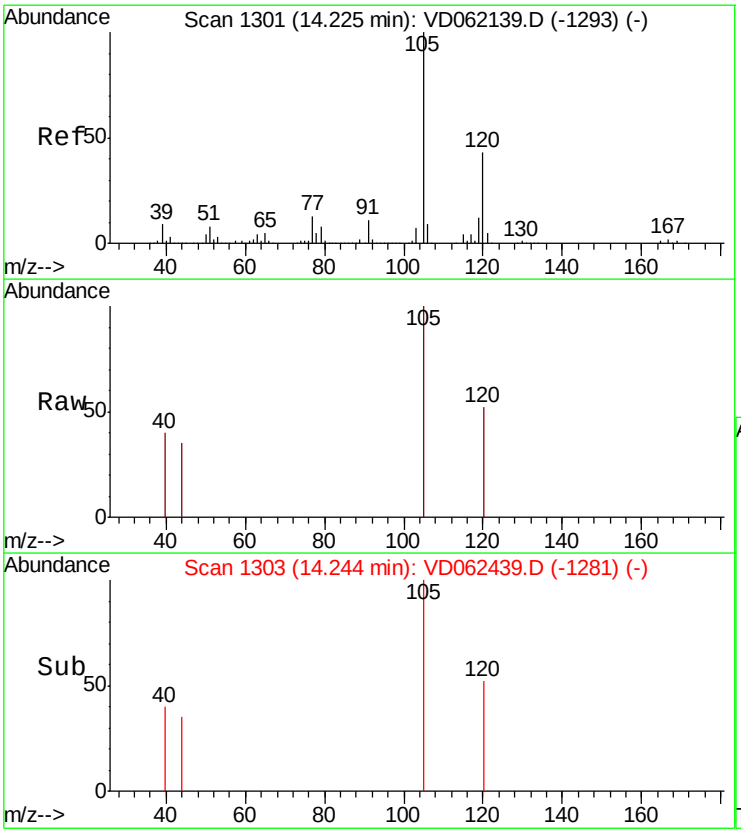
#82
4-Chlorotoluene
Concen: 1.981 ug/l
RT: 13.77 min Scan# 1255
Delta R.T. -0.17 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 480

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.1	57.5#

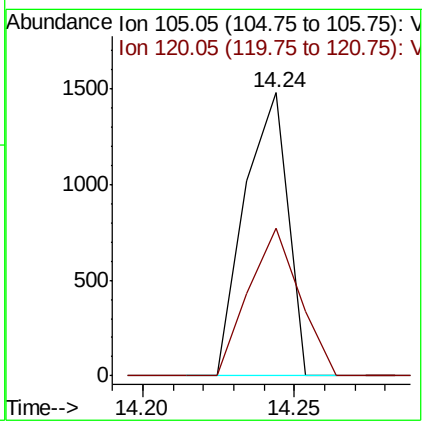


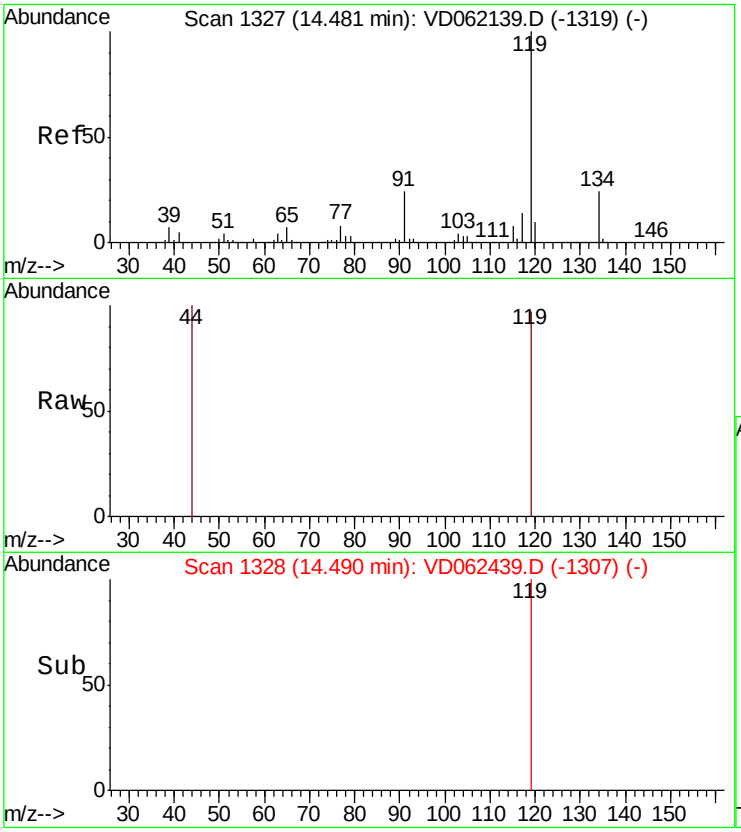


#84
1,2,4-Trimethylbenzene
Concen: 5.777 ug/l
RT: 14.24 min Scan# 1303
Delta R.T. 0.02 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion:105 Resp: 1471

Ion	Ratio	Lower	Upper
105	100		
120	52.1	23.1	69.2



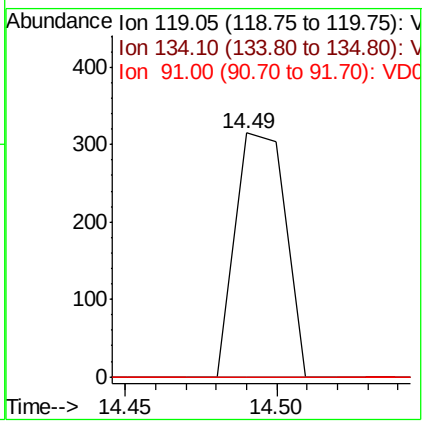


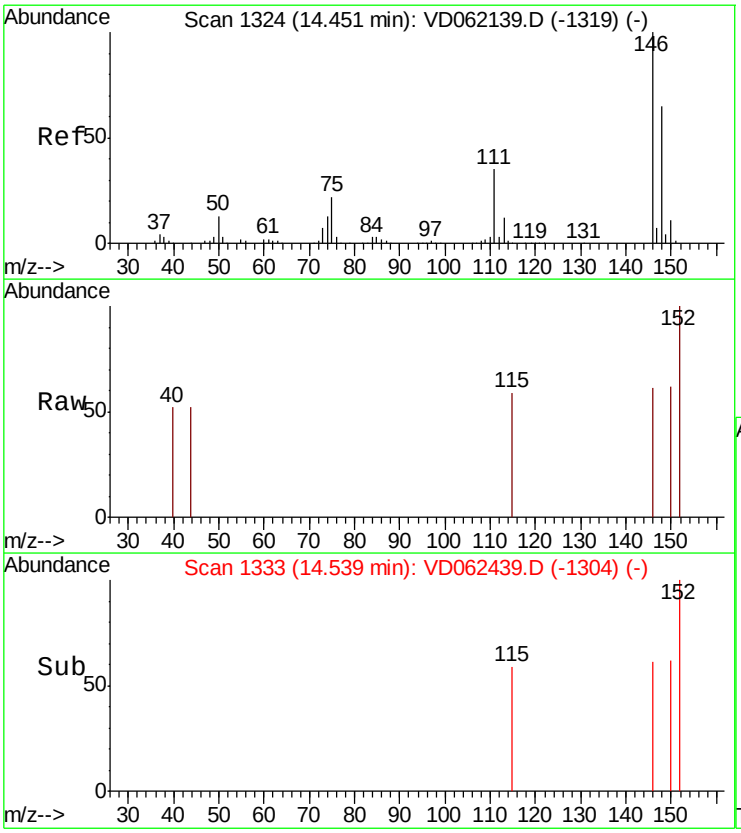
#86
p-Isopropyltoluene
Concen: 1.310 ug/l
RT: 14.49 min Scan# 1328
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 366

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.8	38.3#
91	0.0	10.7	32.1#

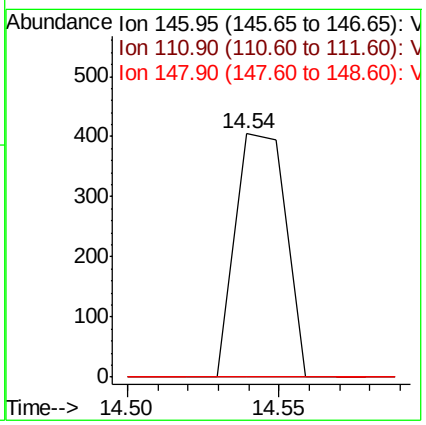


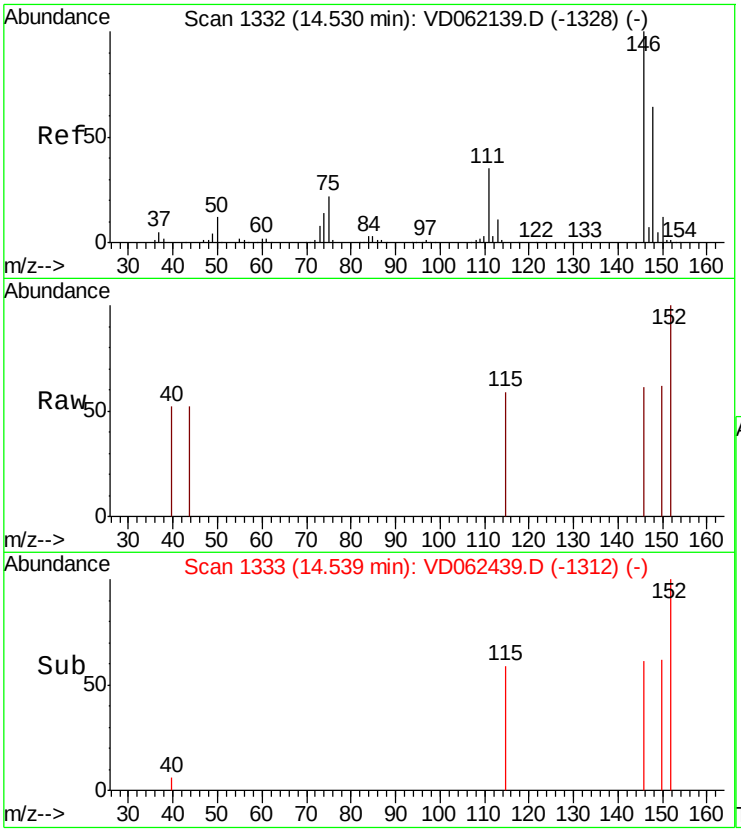


#87
1,3-Dichlorobenzene
Concen: 3.063 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.09 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion:146 Resp: 472

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	0.0	31.8	95.4#



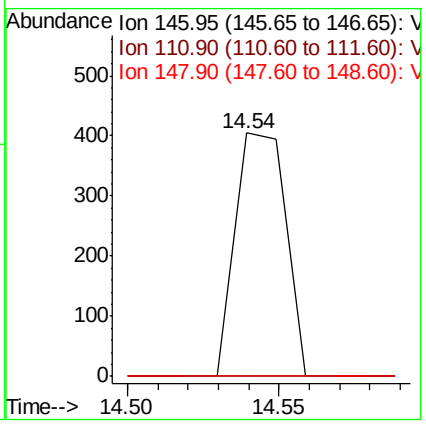


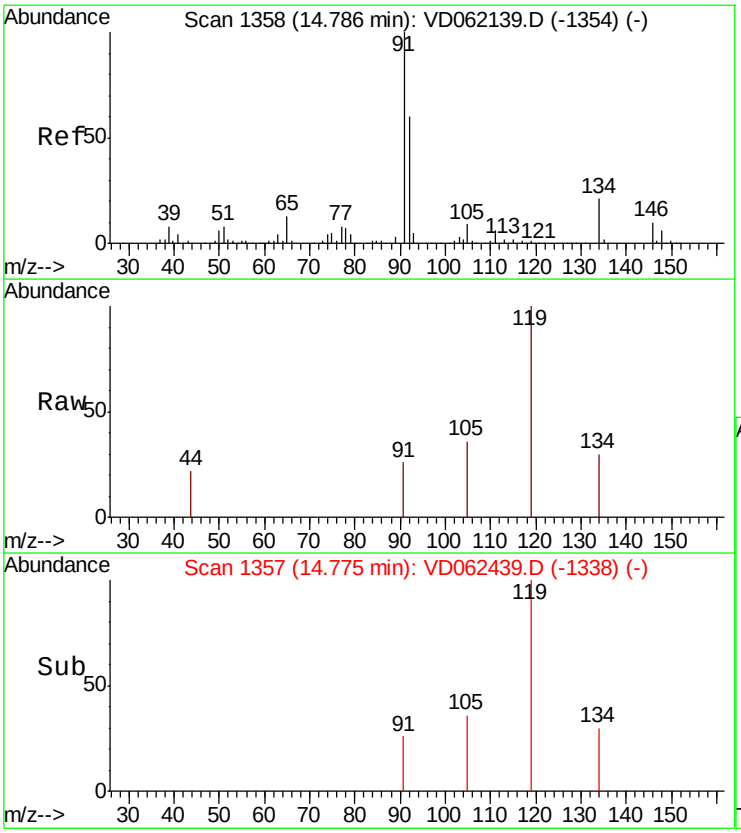
#88
1,4-Dichlorobenzene
Concen: 3.117 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 472

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.2	60.5#
148	0.0	32.0	96.2#

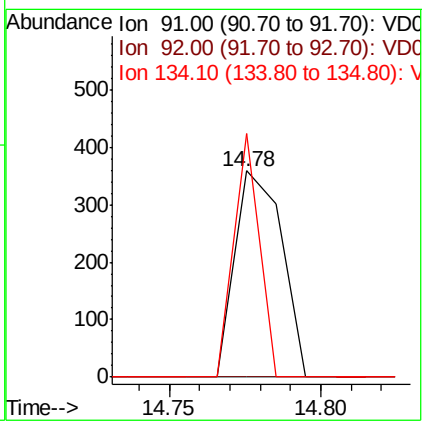


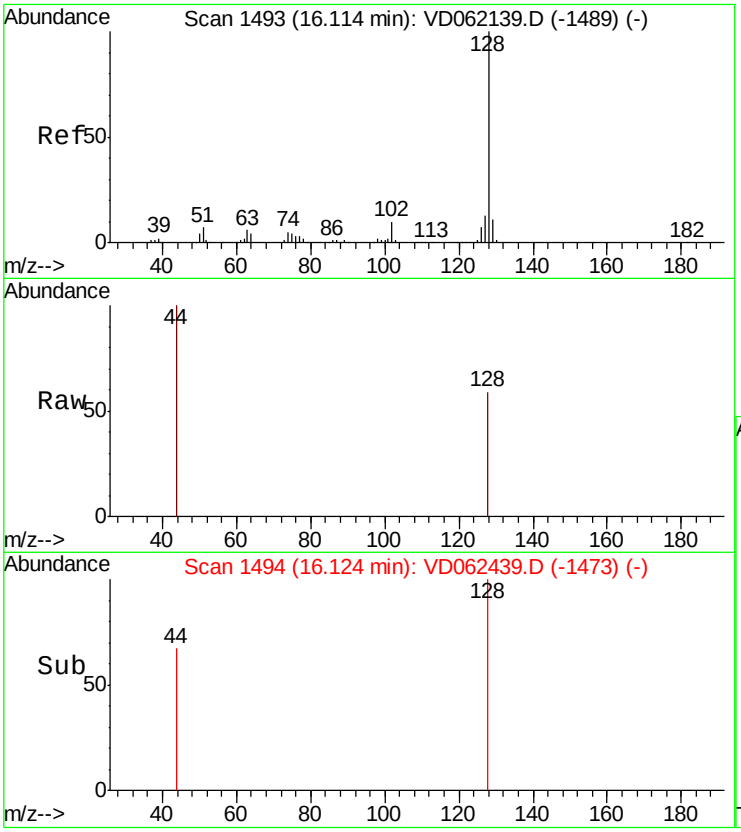


#89
n-Butylbenzene
Concen: 1.555 ug/l
RT: 14.78 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Tgt Ion: 91 Resp: 390

Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.3	91.0#
134	118.1	14.5	43.6#





#95
Naphthalene
Concen: 3.792 ug/l
RT: 16.12 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062439.D
Acq: 17 May 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 489

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#