Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032361.D
Acq On : 15 Aug 2018 21:12
Operator : SY/AP
Sample : J4266-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1000DL

Quant Time: Aug 16 05:47:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.82	49	2420310	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.35	114	4685332	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.31	117	4483849	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	3505273	10.25	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.26	85	145	Below Cal			100
5) Vinyl Chloride	3.33	62	207770	1.634	ppbv		96
7) Chloroethane	3.33	64	69262	1.553	ppbv	#	44
13) Ethanol	3.71	45	4138	0.168	ppbv	#	36
20) Methylene Chloride	4.46	84	14683	0.169	ppbv	#	90
29) Chloroform	5.90	83	665662	2.068	ppbv		97
36) Benzene	7.06	78	461127	1.161	ppbv		99
37) 1,2-Dichloroethane	6.47	62	265624	1.102	ppbv		100
39) 1,2-Dichloropropane	7.80	63	317588	1.914	ppbv		97
52) Tetrachloroethene	11.44	164	162177	1.384	ppbv		92
54) 1,2-Dibromoethane	10.82	107	494285	2.107	ppbv		97
57) Chlorobenzene	12.37	112	415838	1.232	ppbv	#	92
60) o-Xylene	13.92	91	304464	0.676	ppbv		98
65) tert-Butylbenzene	17.17	119	28472	0.052	ppbv	#	23
77) 1,2-Dichlorobenzene	18.06	146	432326	1.464	ppbv		98
79) Naphthalene	22.48	128	766	0.329	ppbv	#	82

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

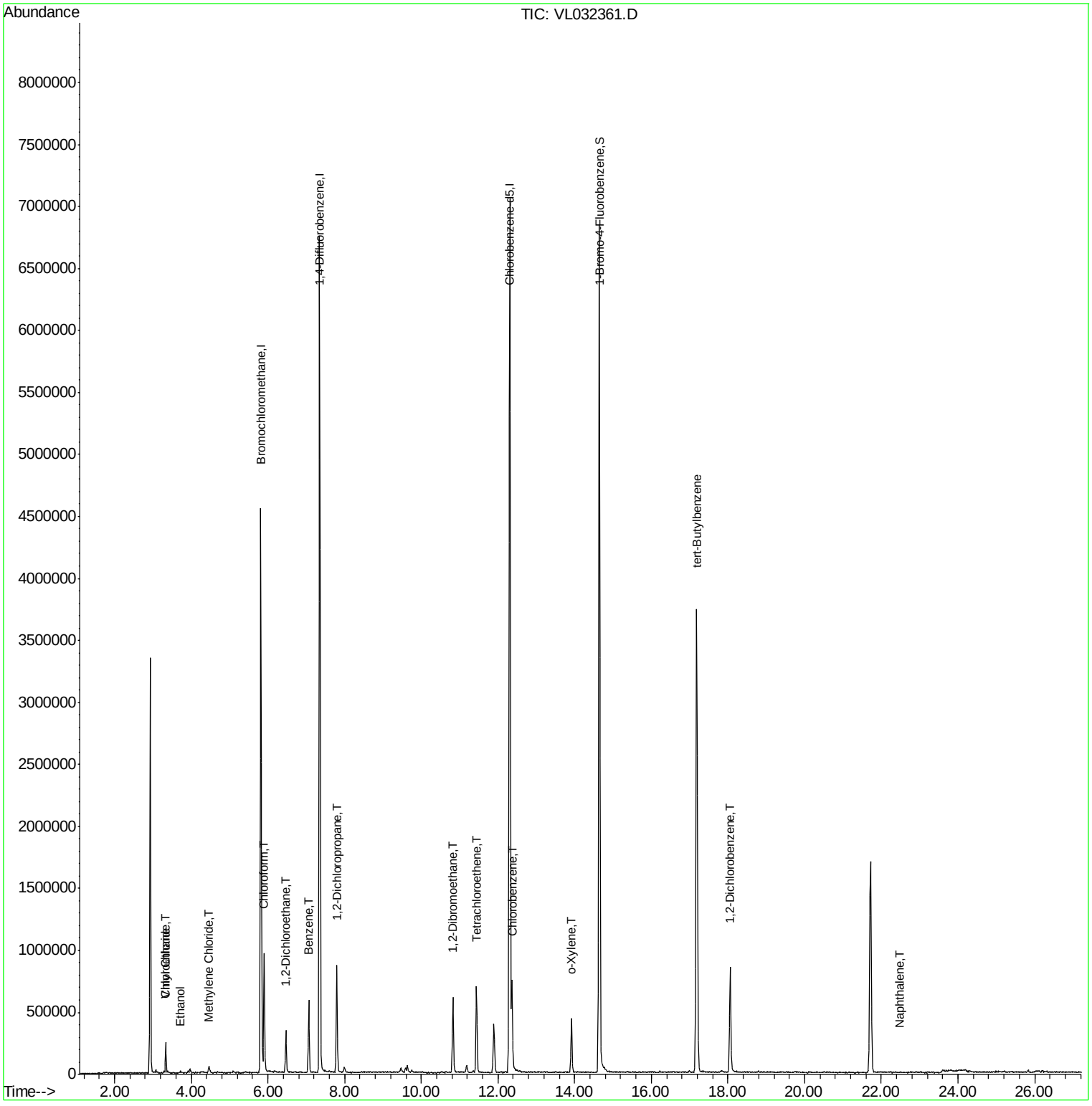
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

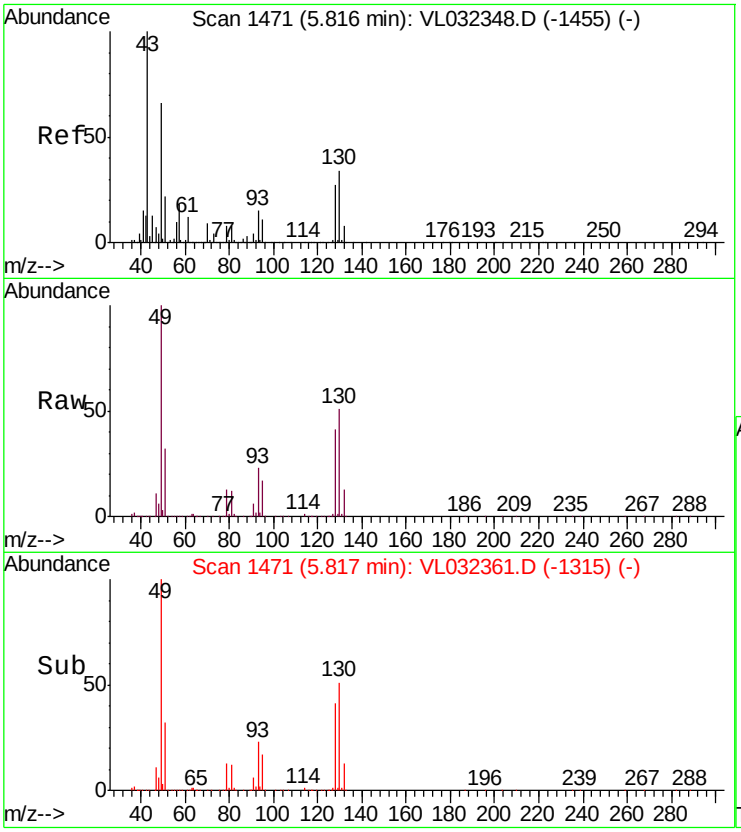
Quantitation Report (Not Reviewed)

Data File : VL032361.D
Acq On : 15 Aug 2018 21:12
Operator : SY/AP
Sample : J4266-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1000DL

Quant Time: Aug 16 05:47:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration



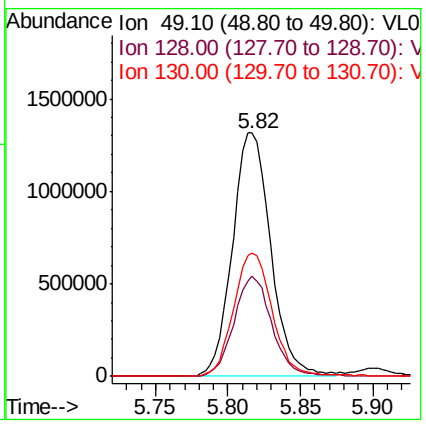


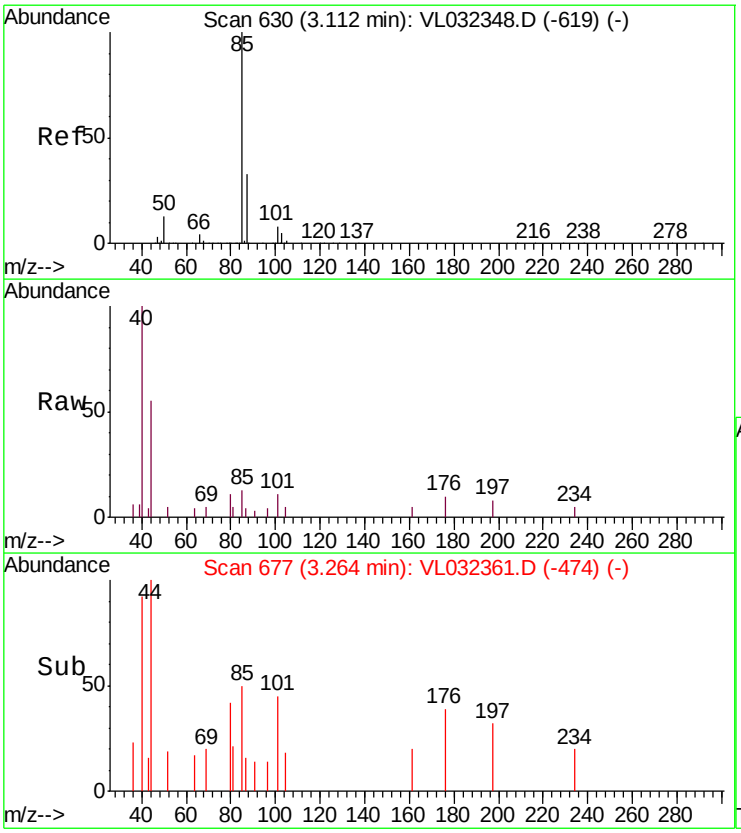
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1471
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion: 49 Resp: 2420310

Ion	Ratio	Lower	Upper
49	100		
128	41.0	20.5	61.6
130	51.9	26.2	78.5

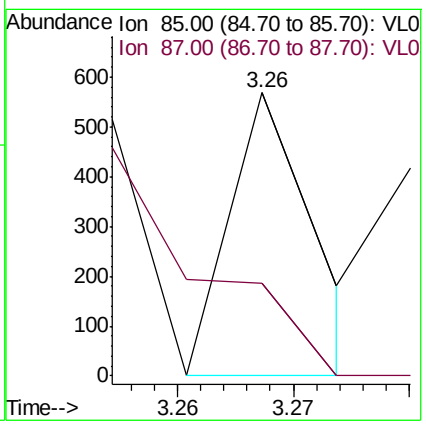


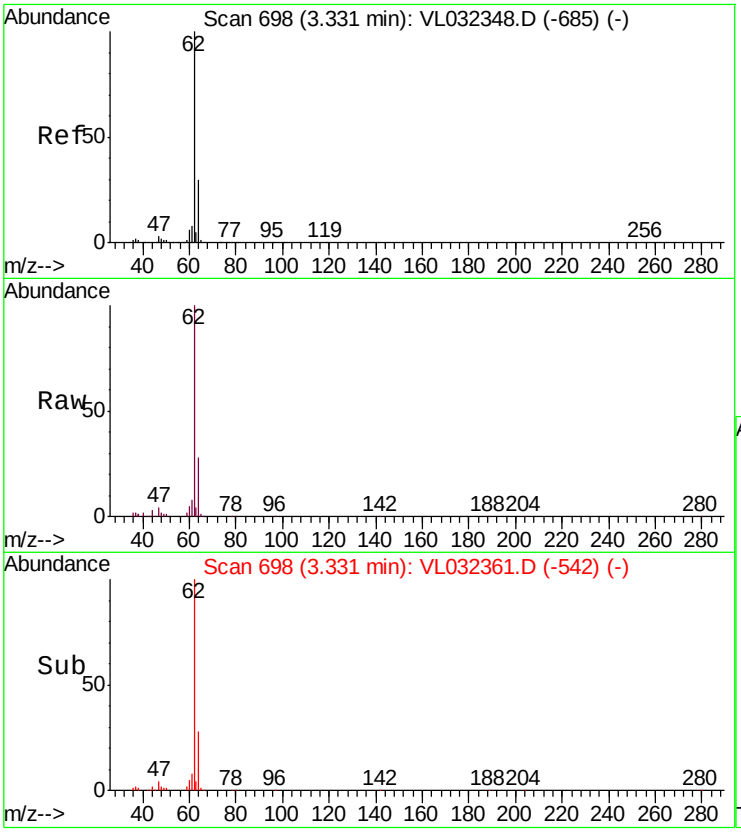


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 3.26 min Scan# 677
Delta R.T. 0.15 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion: 85 Resp: 145

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.3	39.5



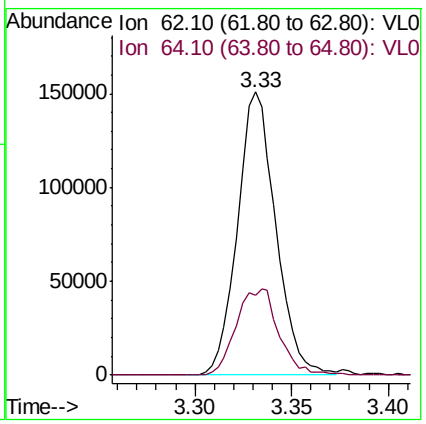


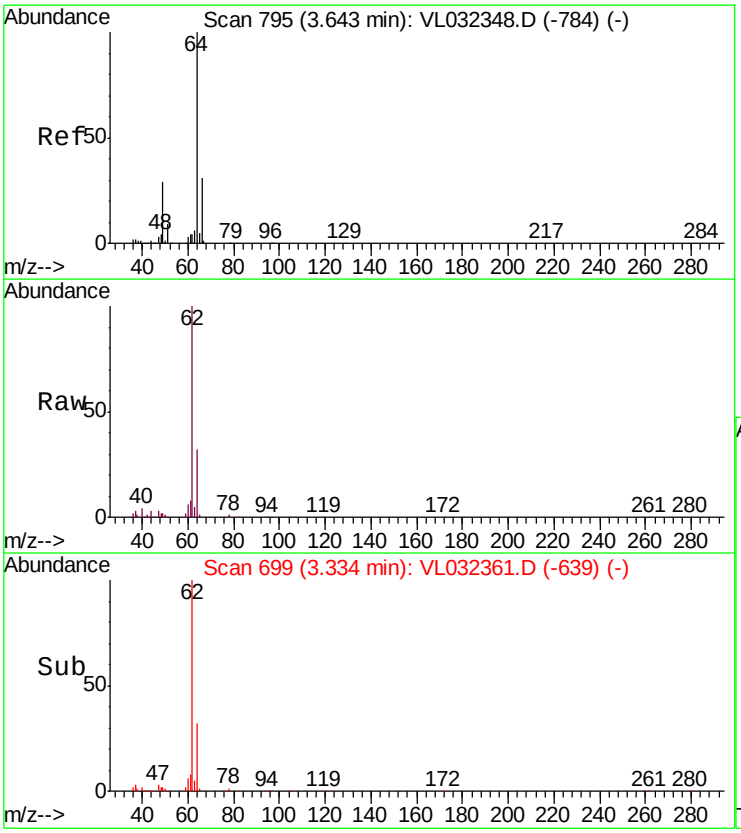
#5
Vinyl Chloride
Concen: 1.634 ppbv
RT: 3.33 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion: 62 Resp: 207770

Ion	Ratio	Lower	Upper
62	100		
64	28.1	24.2	36.2

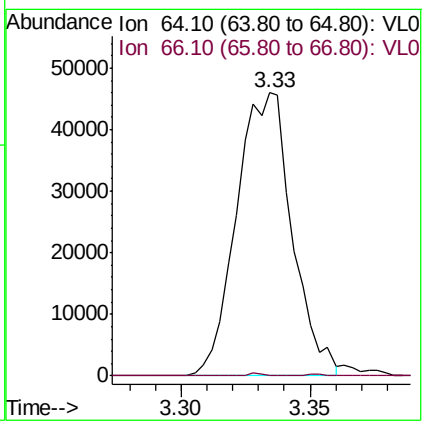


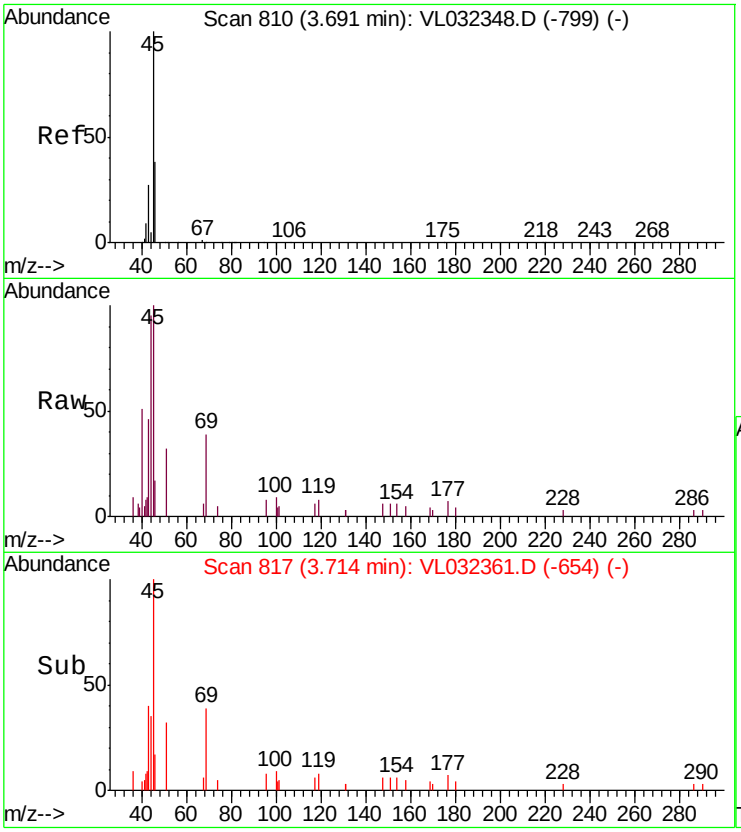


#7
Chloroethane
Concen: 1.553 ppbv
RT: 3.33 min Scan# 699
Delta R.T. -0.31 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion: 64 Resp: 69262

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



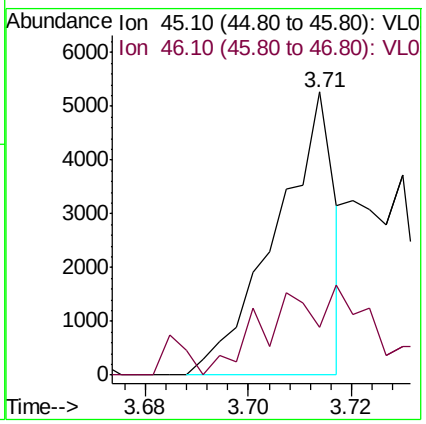


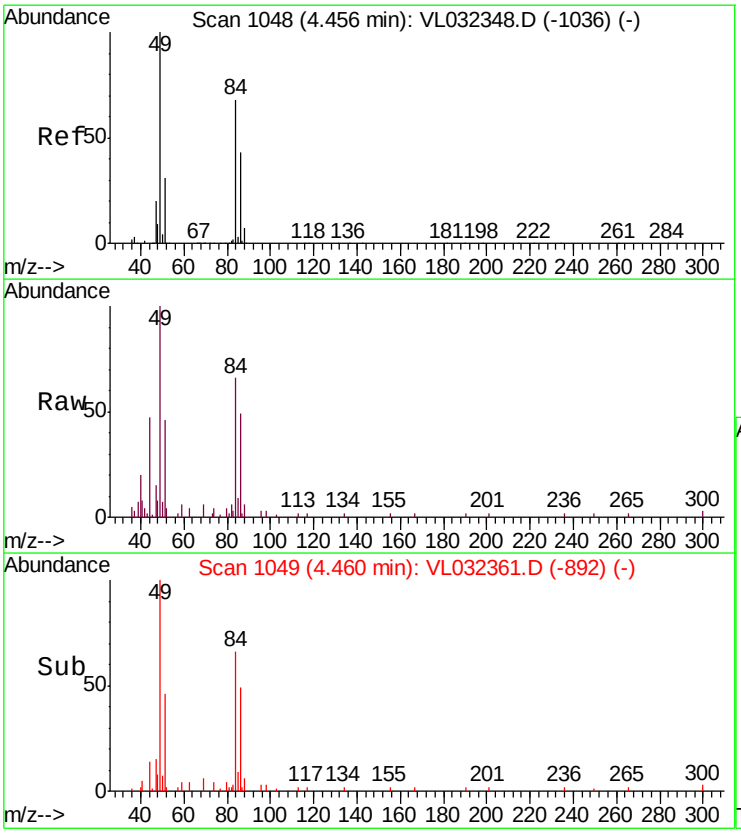
#13
Ethanol
Concen: 0.168 ppbv
RT: 3.71 min Scan# 817
Delta R.T. 0.02 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument : MSVOA_L
ClientSampleId : 1000DL

Tgt Ion: 45 Resp: 4138

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.6	62.4#

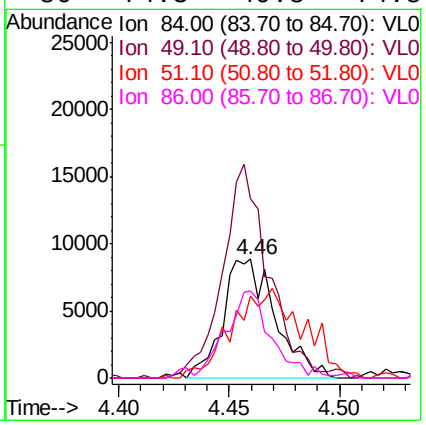


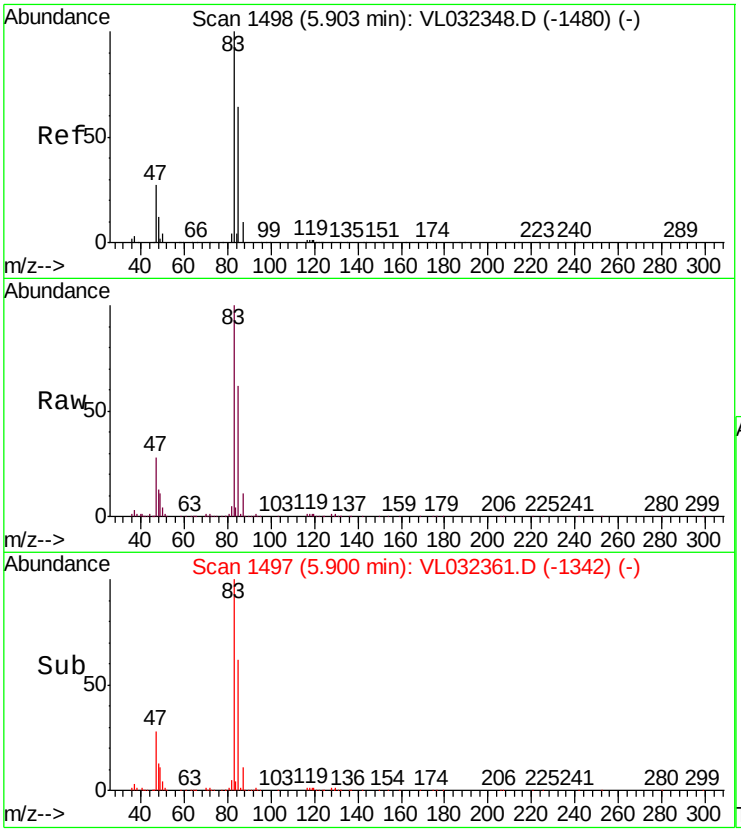


#20
Methylene Chloride
Concen: 0.169 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion: 84 Resp: 14683

Ion	Ratio	Lower	Upper
84	100		
49	143.1	117.3	175.9
51	62.9	36.6	55.0#
86	74.3	49.8	74.8



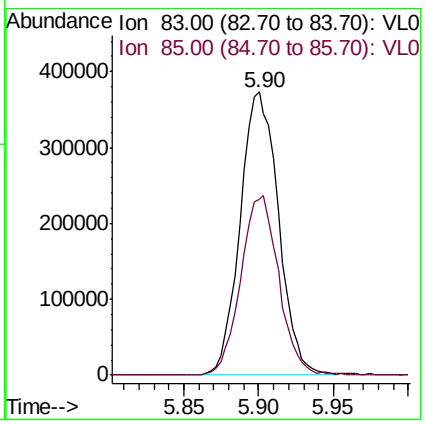


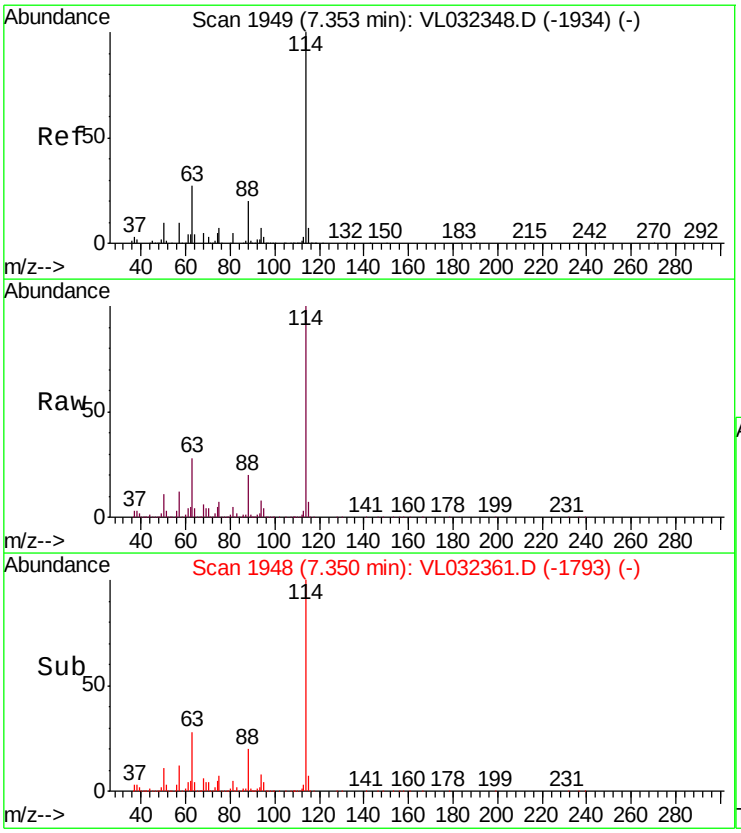
#29
Chloroform
Concen: 2.068 ppbv
RT: 5.90 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion: 83 Resp: 665662

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.6	77.4

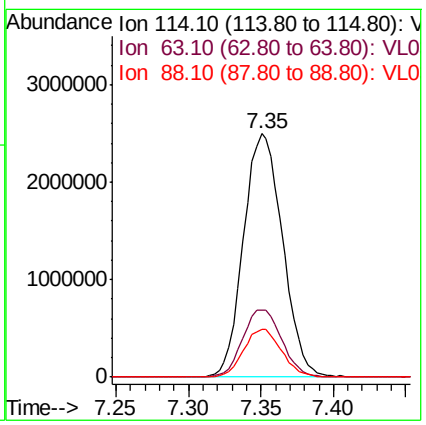


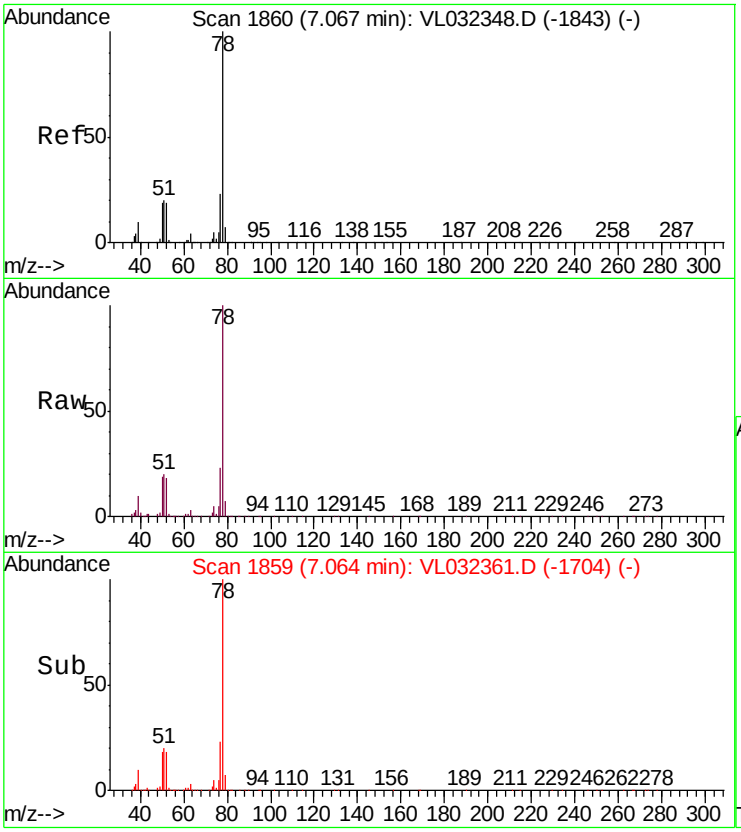


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion:114 Resp: 4685332

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.0	33.0
88	19.2	15.3	22.9



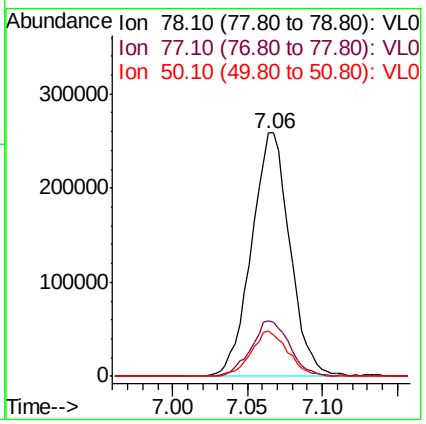


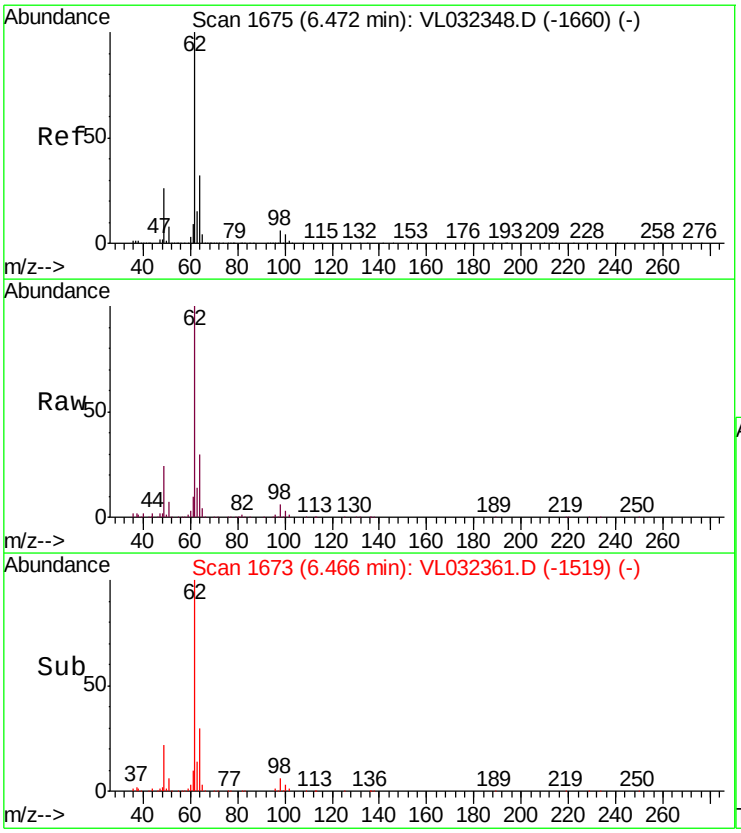
#36
Benzene
Concen: 1.161 ppbv
RT: 7.06 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion: 78 Resp: 461127

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.0	27.0
50	18.6	15.1	22.7

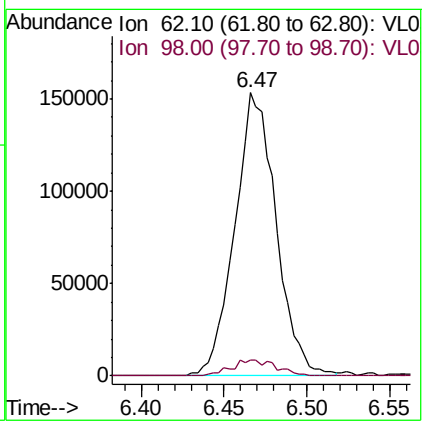


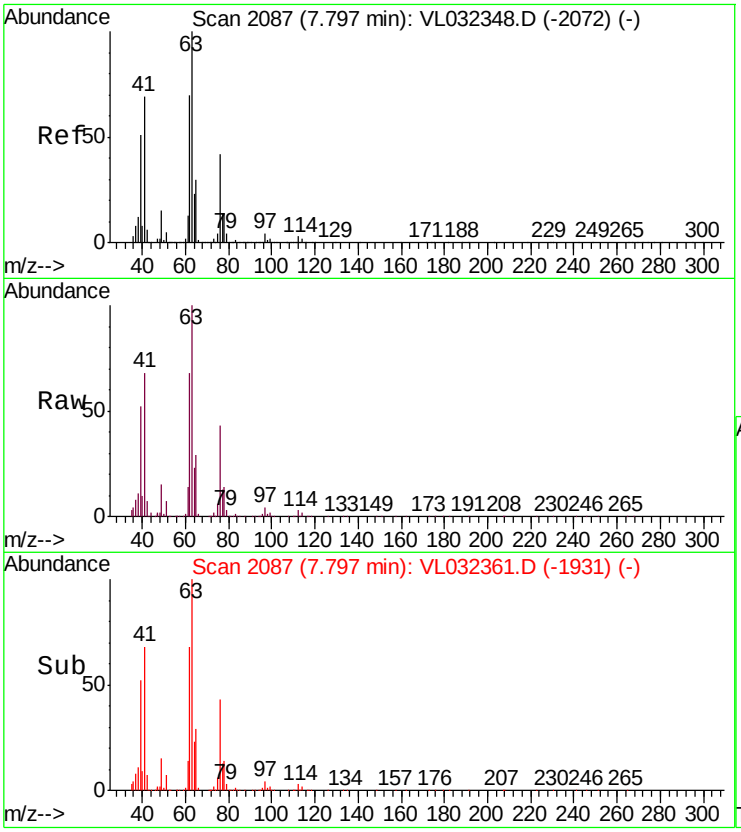


#37
1,2-Dichloroethane
Concen: 1.102 ppbv
RT: 6.47 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion: 62 Resp: 265624

Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.0	7.6



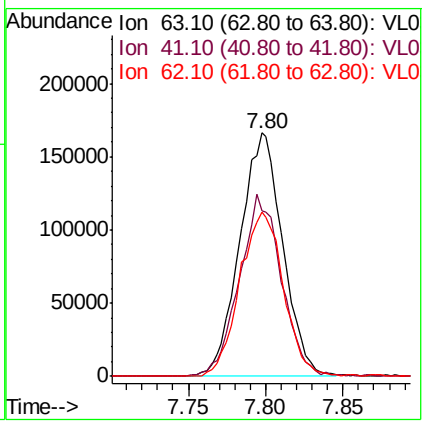


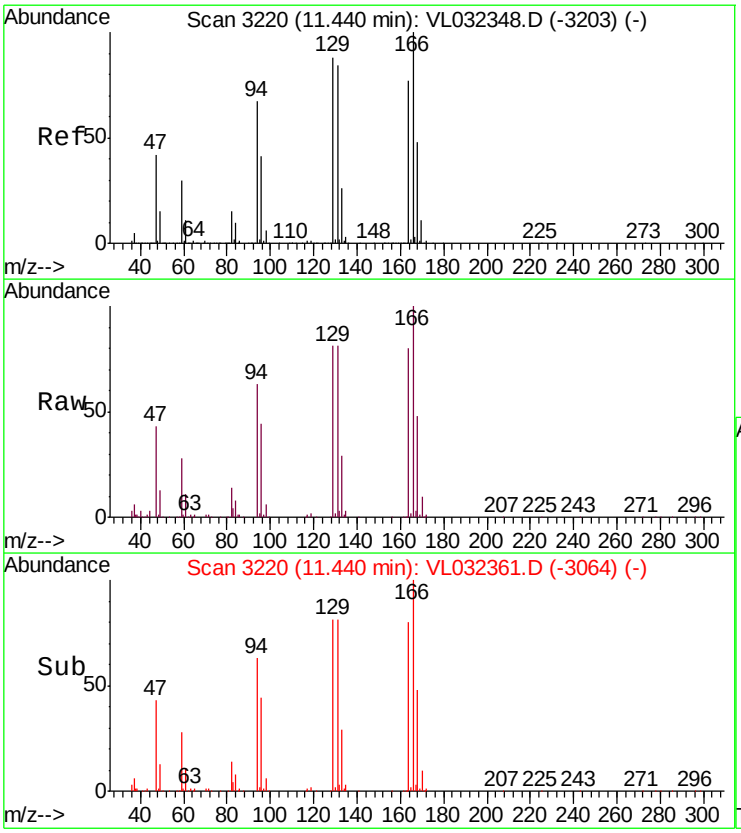
#39
1,2-Dichloropropane
Concen: 1.914 ppbv
RT: 7.80 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument : MSVOA_L
ClientSampleId : 1000DL

Tgt Ion: 63 Resp: 317588

Ion	Ratio	Lower	Upper
63	100		
41	68.0	55.5	83.3
62	67.5	56.3	84.5

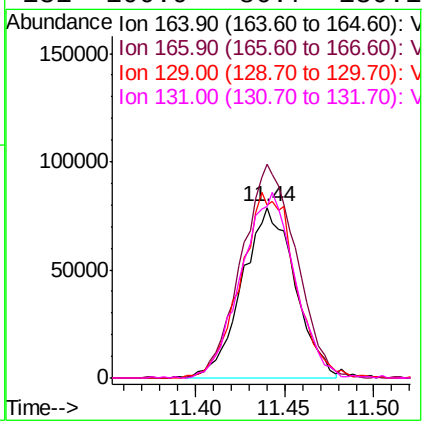


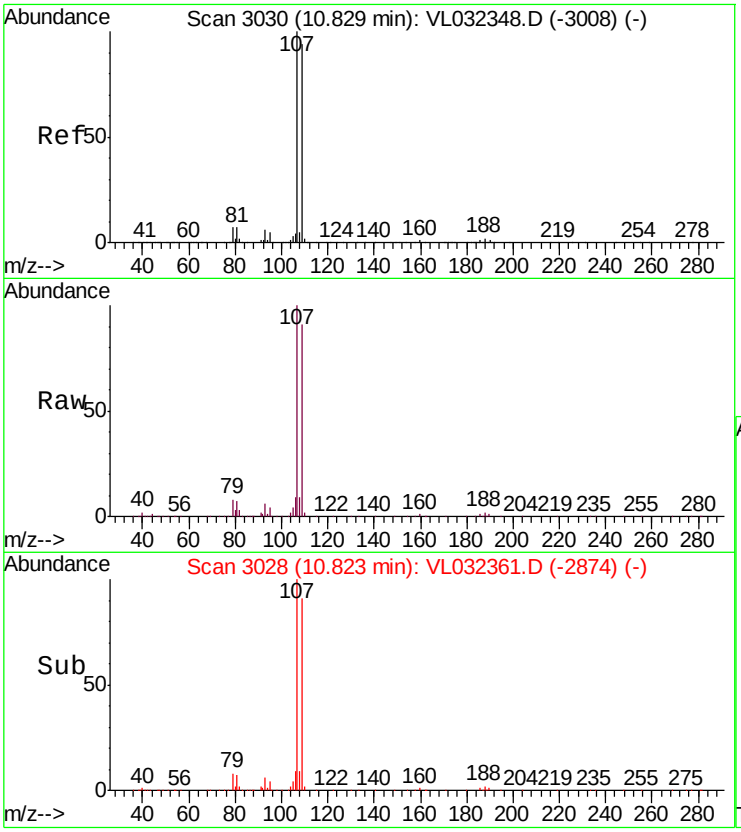


#52
Tetrachloroethene
Concen: 1.384 ppbv
RT: 11.44 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion:164 Resp: 162177

Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.5	155.3
129	100.0	90.9	136.3
131	100.9	86.7	130.1



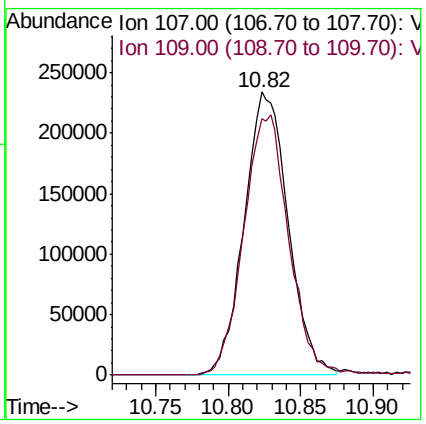


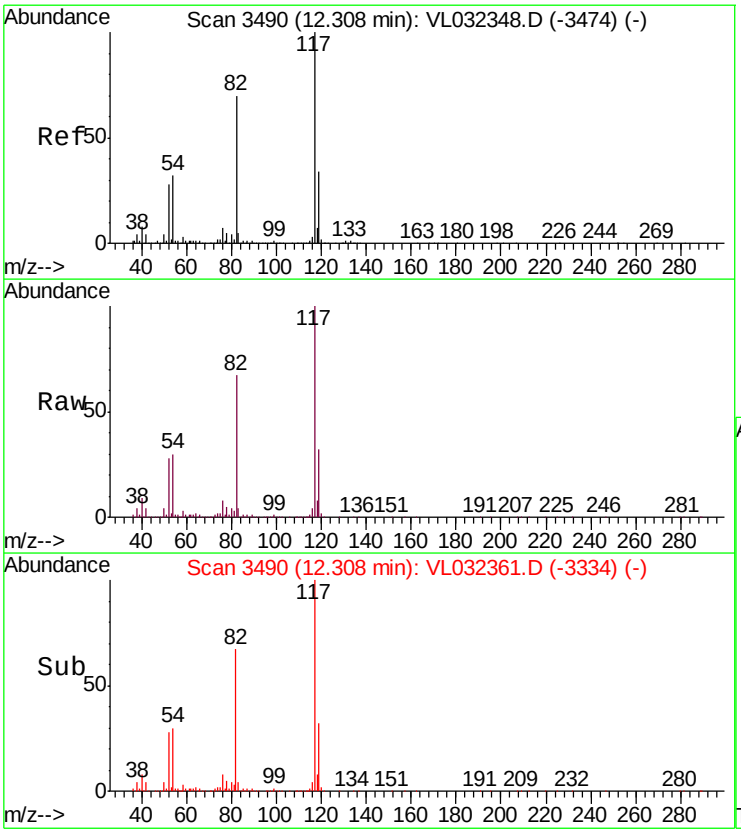
#54
1,2-Dibromoethane
Concen: 2.107 ppbv
RT: 10.82 min Scan# 3028
Delta R.T. -0.01 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument : MSVOA_L
ClientSampleId : 1000DL

Tgt Ion:107 Resp: 494285

Ion	Ratio	Lower	Upper
107	100		
109	90.5	74.9	112.3

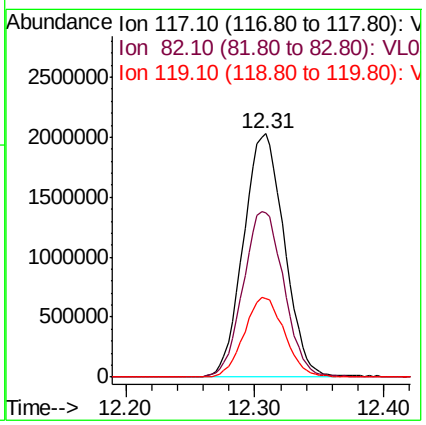


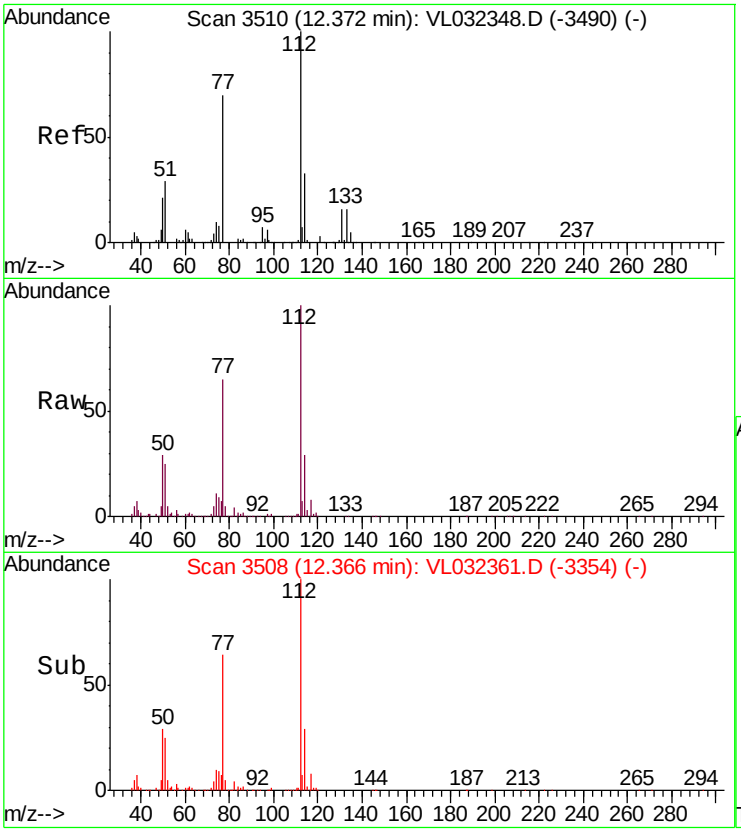


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion:117 Resp: 4483849

Ion	Ratio	Lower	Upper
117	100		
82	68.4	55.1	82.7
119	32.4	46.0	69.0#



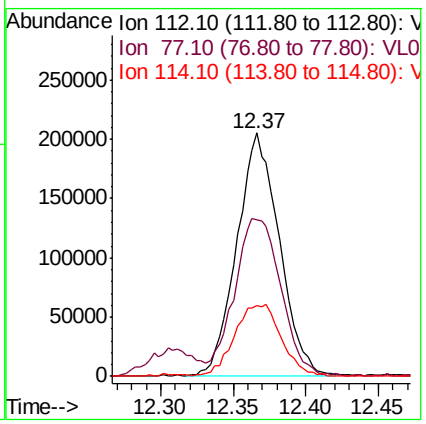


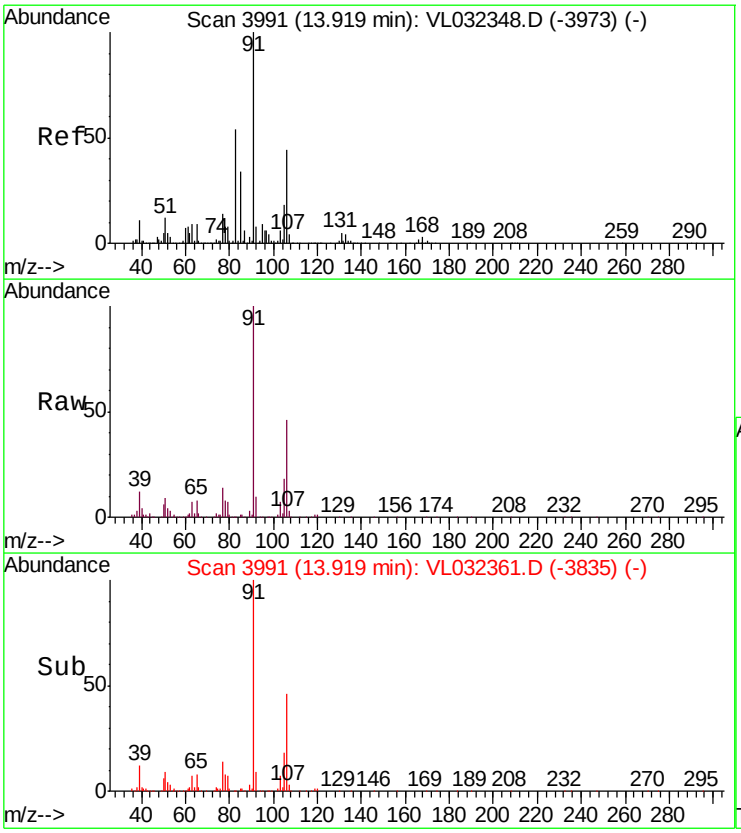
#57
Chlorobenzene
Concen: 1.232 ppbv
RT: 12.37 min Scan# 3508
Delta R.T. -0.01 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion:112 Resp: 415838

Ion	Ratio	Lower	Upper
112	100		
77	63.8	56.6	84.8
114	28.8	29.4	36.0#

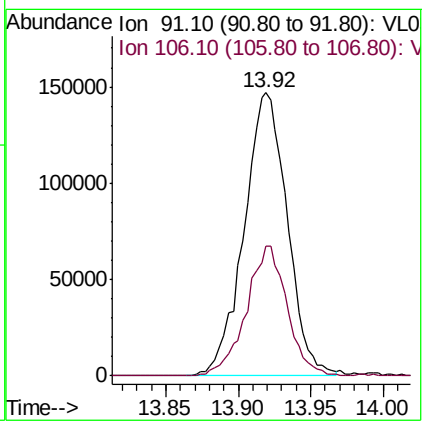


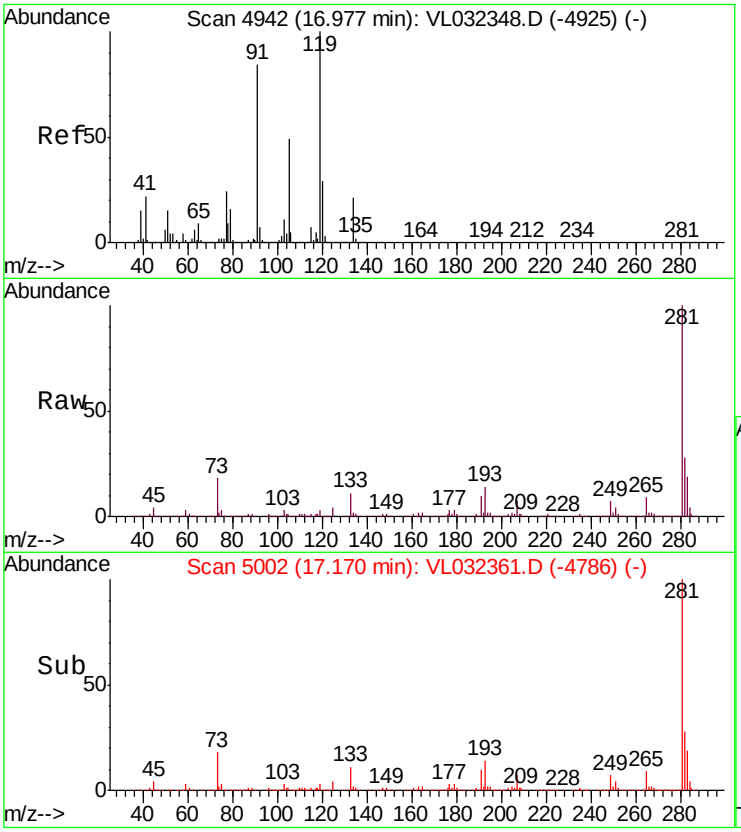


#60
o-Xylene
Concen: 0.676 ppbv
RT: 13.92 min Scan# 3991
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion: 91 Resp: 304464

Ion	Ratio	Lower	Upper
91	100		
106	43.2	22.3	66.8



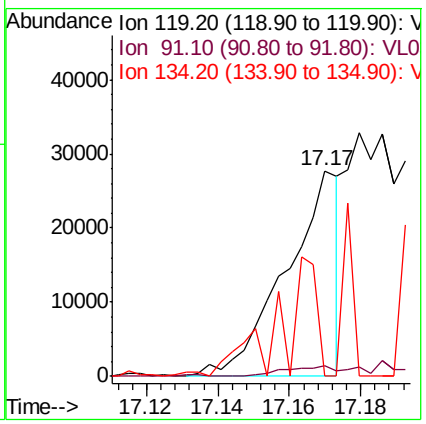


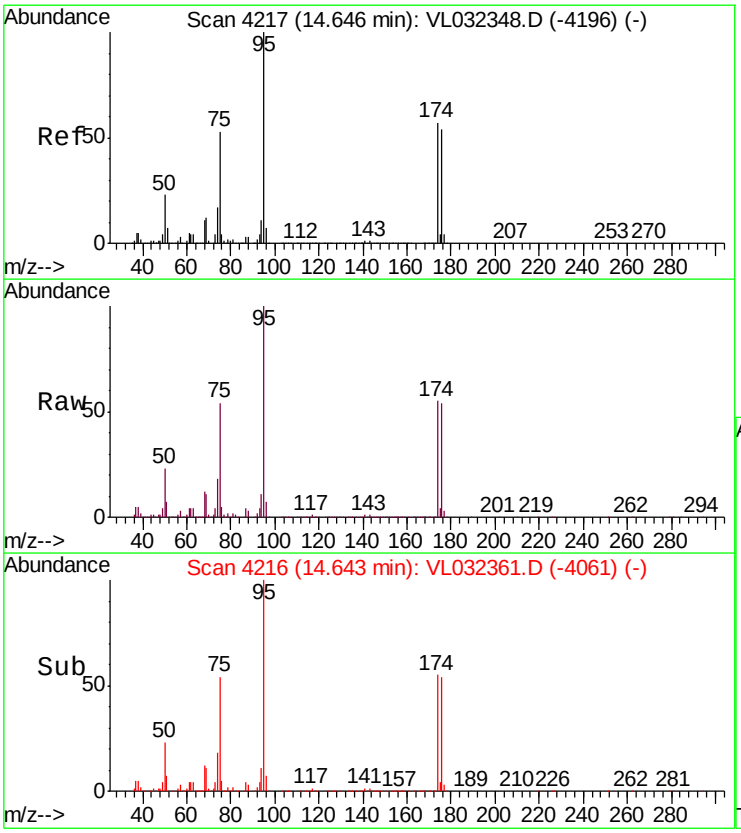
#65
tert-Butylbenzene
Concen: 0.052 ppbv
RT: 17.17 min Scan# 5002
Delta R.T. 0.19 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion:119 Resp: 28472

Ion	Ratio	Lower	Upper
119	100		
91	7.6	67.4	101.0#
134	41.5	15.8	23.6#

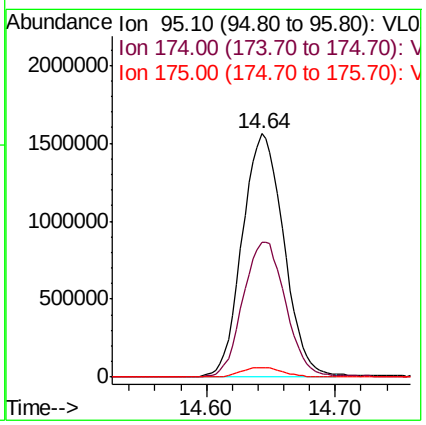


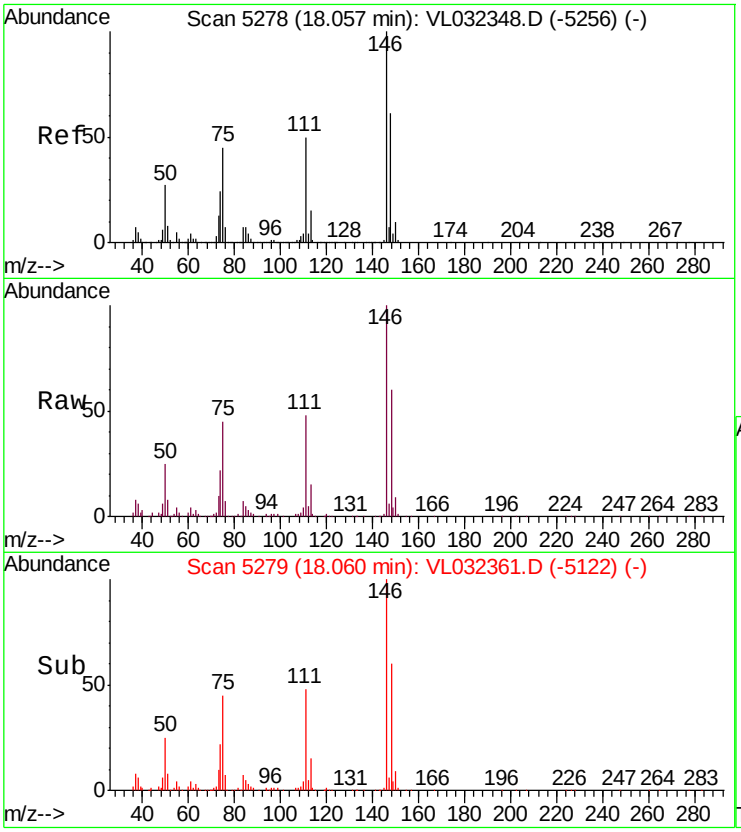


#68
1-Bromo-4-Fluorobenzene
Concen: 10.247 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion: 95 Resp: 3505273

Ion	Ratio	Lower	Upper
95	100		
174	57.6	46.2	69.4
175	4.1	3.4	5.0



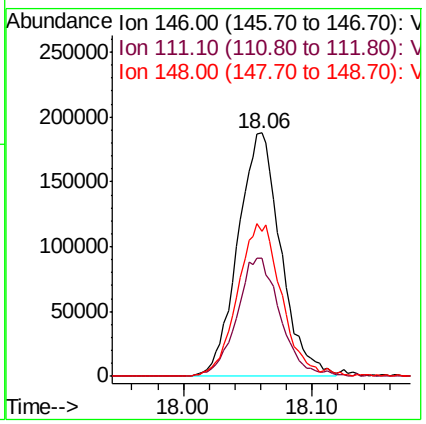


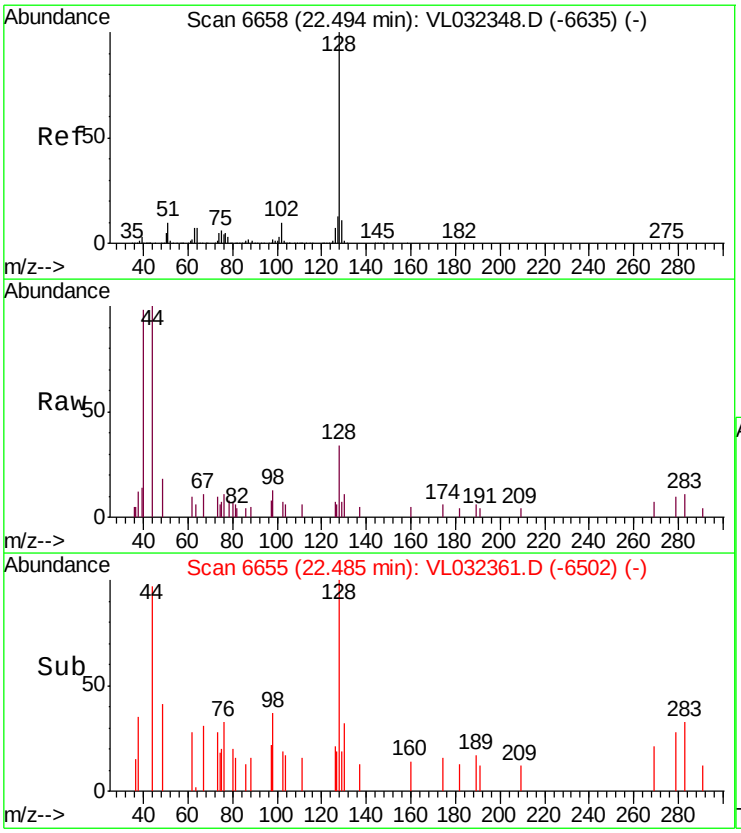
#77
1,2-Dichlorobenzene
Concen: 1.464 ppbv
RT: 18.06 min Scan# 5279
Delta R.T. 0.00 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
1000DL

Tgt Ion:146 Resp: 432326

Ion	Ratio	Lower	Upper
146	100		
111	49.5	25.2	75.6
148	65.5	31.8	95.4





#79
Naphthalene
Concen: 0.329 ppbv
RT: 22.48 min Scan# 6655
Delta R.T. -0.01 min
Lab File: VL032361.D
Acq: 15 Aug 2018 21:12

Tgt Ion:128 Resp: 766

Ion	Ratio	Lower	Upper
128	100		
127	18.7	10.3	15.5#
129	19.1	8.6	13.0#