Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062419\
Data File : VL033949.D
Acq On : 24 Jun 2019 23:15
Operator : SY/AP
Sample : K3481-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : TZC-SSDS-AREA-C-1DL

Quant Time: Jun 25 03:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	936982	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	2348489	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2398959	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.55	95	1900183	9.64	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	10374	0.068	ppbv	99
11) Trichlorofluoromethane	3.99	101	5887	0.030	ppbv	89
13) Ethanol	3.64	45	702	0.052	ppbv #	37
15) Acetone	3.89	43	156775	1.147	ppbv	98
20) Methylene Chloride	4.39	84	4733	0.089	ppbv	93
26) Hexane	5.76	57	12619	0.133	ppbv #	41
30) Cyclohexane	7.25	84	2432	0.036	ppbv #	1
34) 2-Butanone	5.33	43	6307	0.048	ppbv #	53
39) 1,2-Dichloropropane	7.27	63	559988	8.088	ppbv #	25
53) Toluene	9.92	91	115072	0.580	ppbv	99
59) m/p-Xylene	13.09	91	59014	0.240	ppbv	99
60) o-Xylene	13.82	91	12052	0.047	ppbv	70

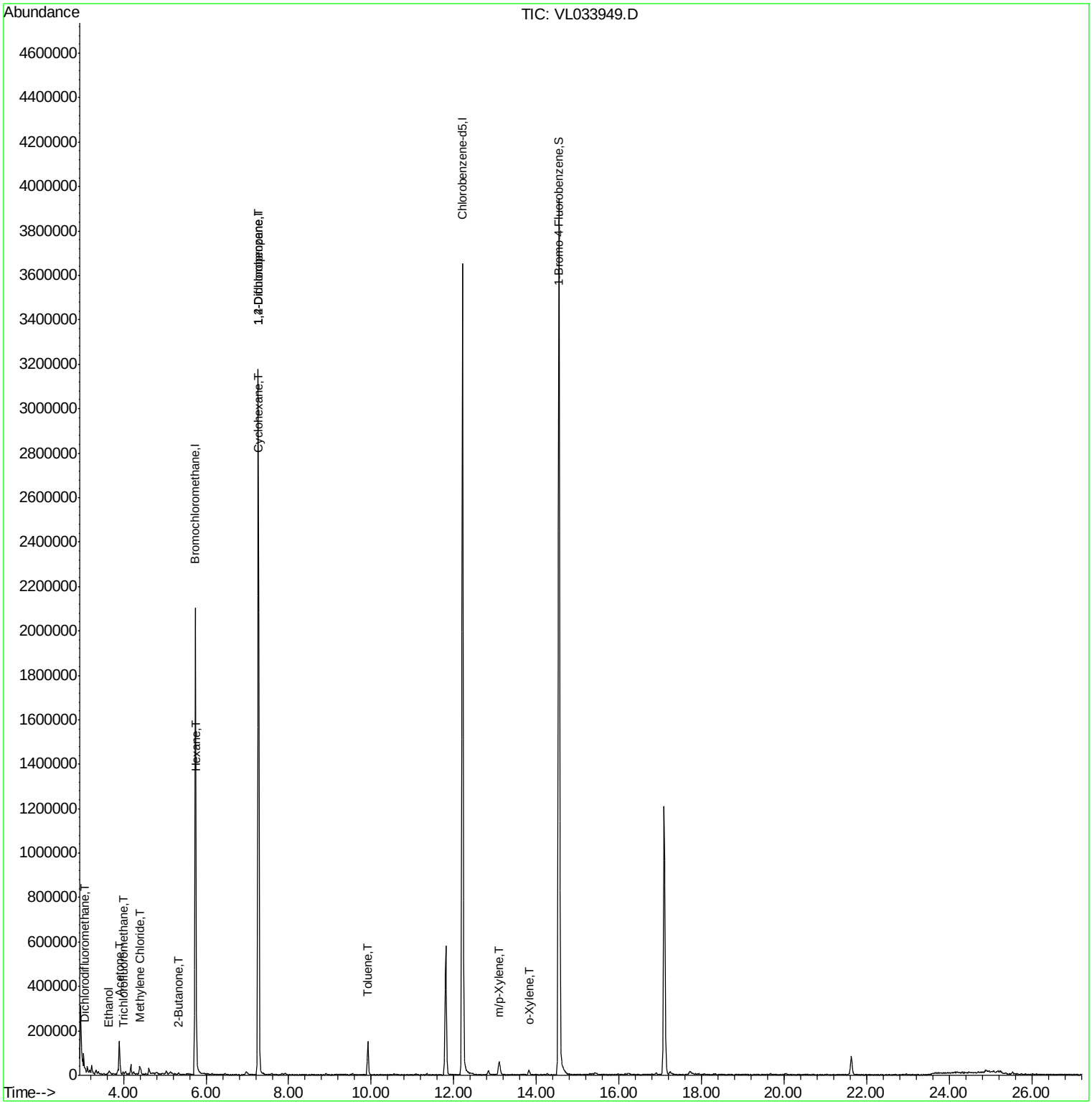
(#) = qualifier out of range (m) = manual integration (+) = signals summed

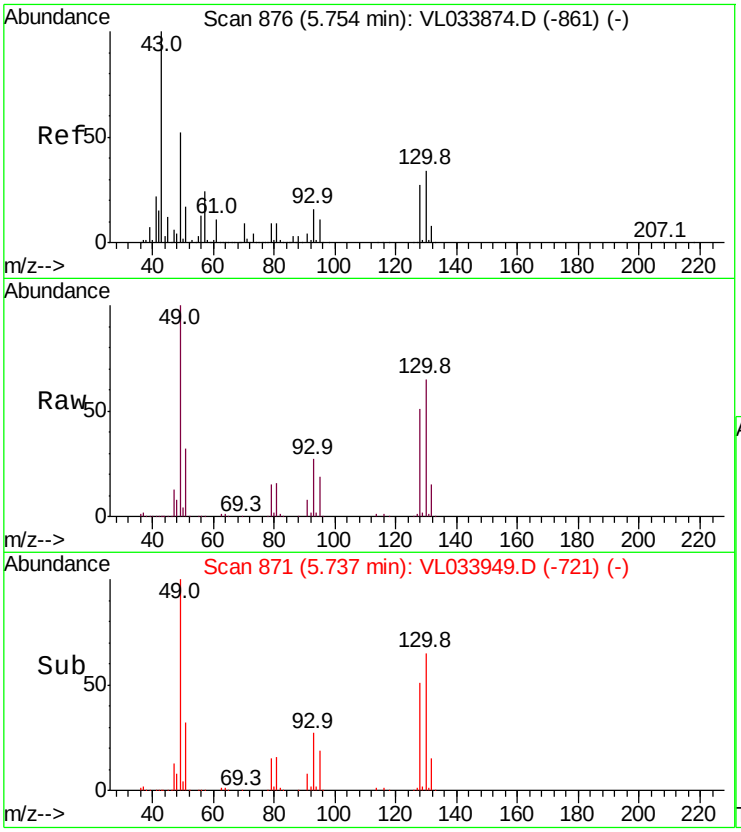
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062419\
Data File : VL033949.D
Acq On : 24 Jun 2019 23:15
Operator : SY/AP
Sample : K3481-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Quant Time: Jun 25 03:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



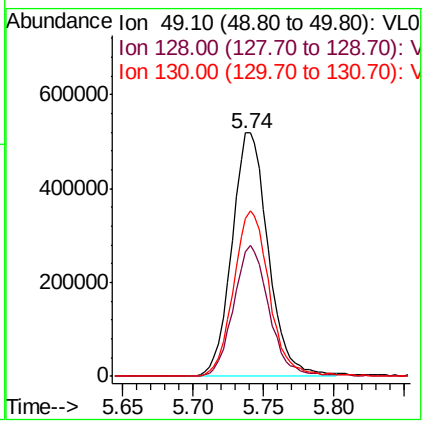


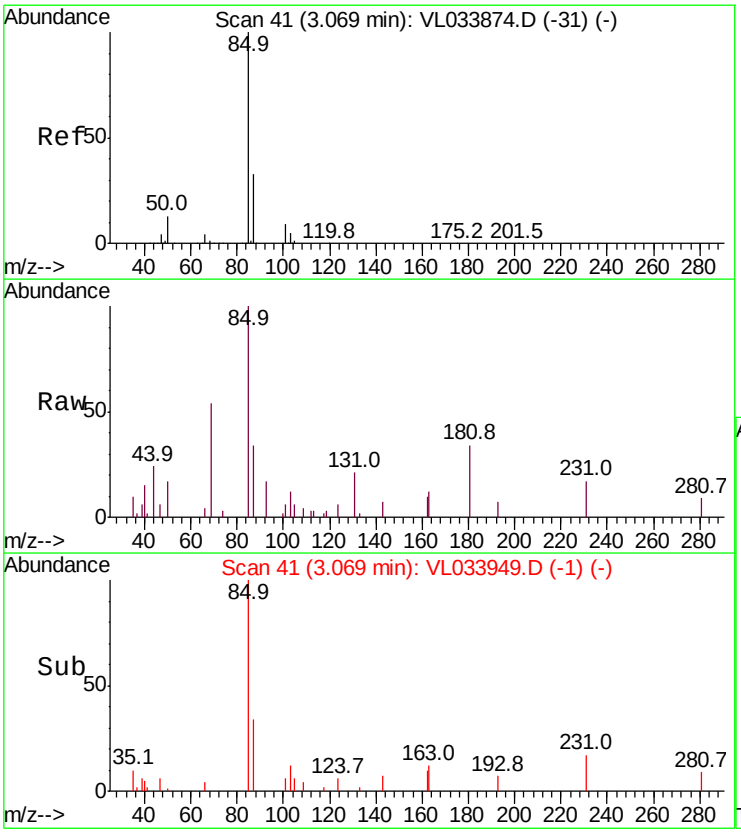
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 871
Delta R.T. -0.02 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion: 49 Resp: 936982

Ion	Ratio	Lower	Upper
49	100		
128	52.7	25.5	76.5
130	68.1	32.5	97.4

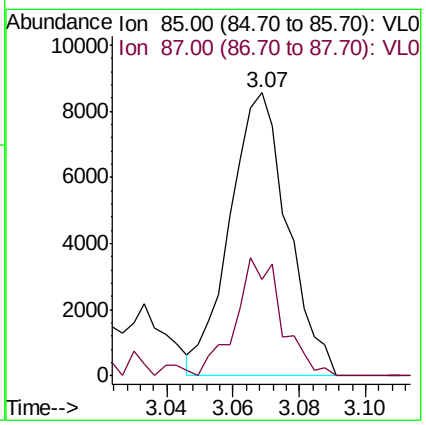


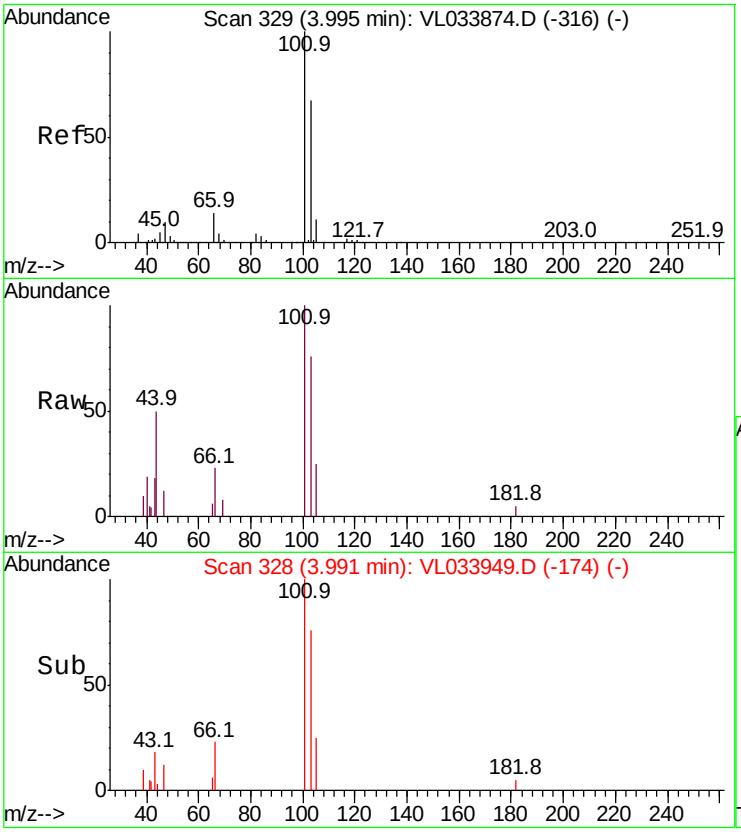


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.07 min Scan# 41
Delta R.T. -0.00 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 85 Resp: 10374

Ion	Ratio	Lower	Upper
85	100		
87	33.9	26.6	40.0



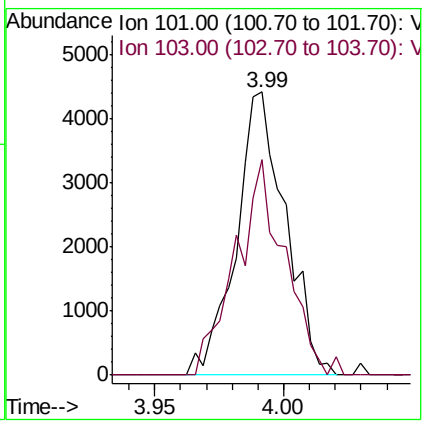


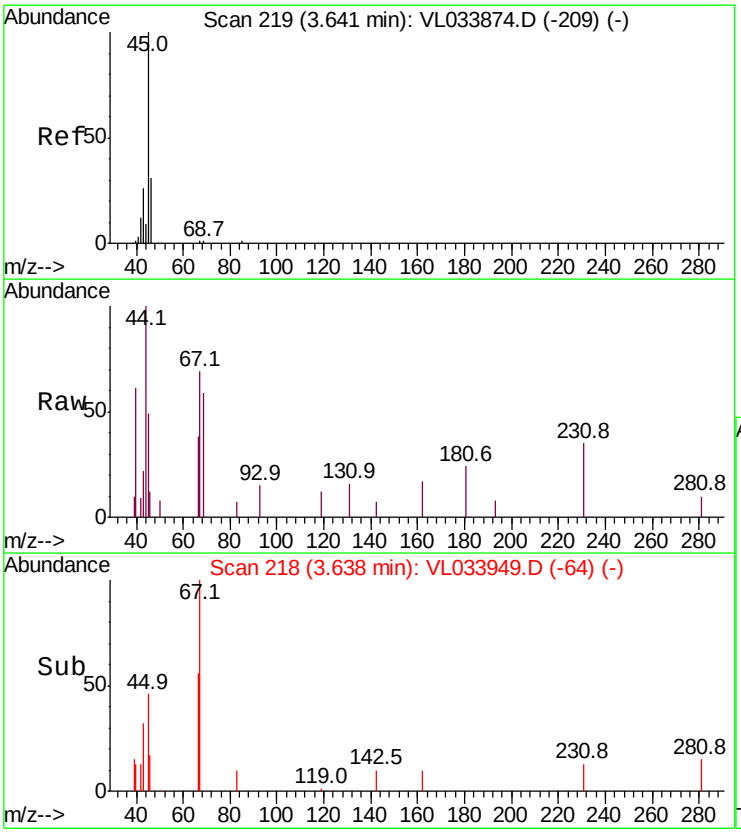
#11
Trichlorofluoromethane
Concen: 0.030 ppbv
RT: 3.99 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion:101 Resp: 5887

Ion	Ratio	Lower	Upper
101	100		
103	76.1	53.6	80.4

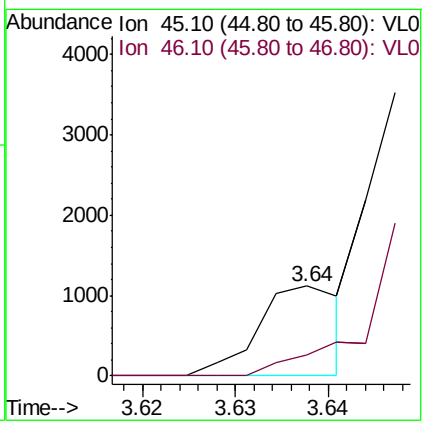


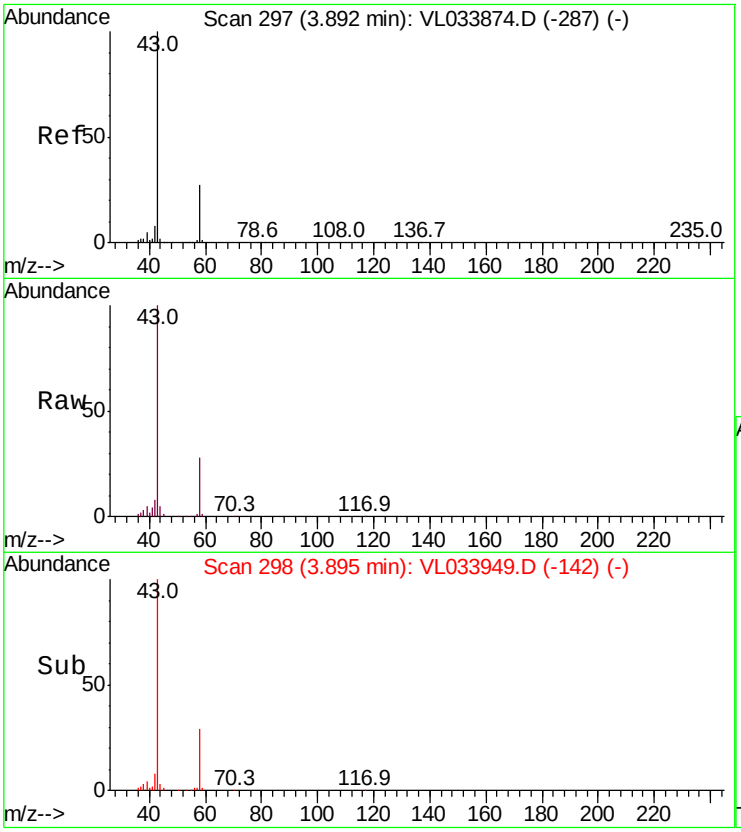


#13
Ethanol
Concen: 0.052 ppbv
RT: 3.64 min Scan# 218
Delta R.T. -0.00 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 45 Resp: 702

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.3	61.1#



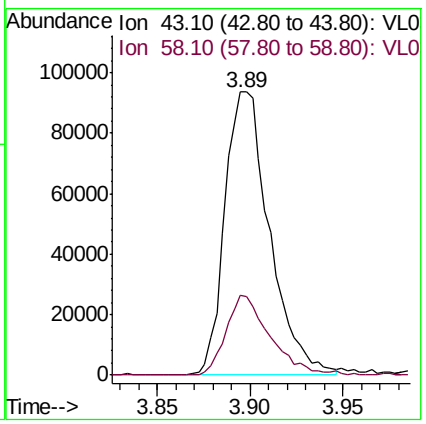


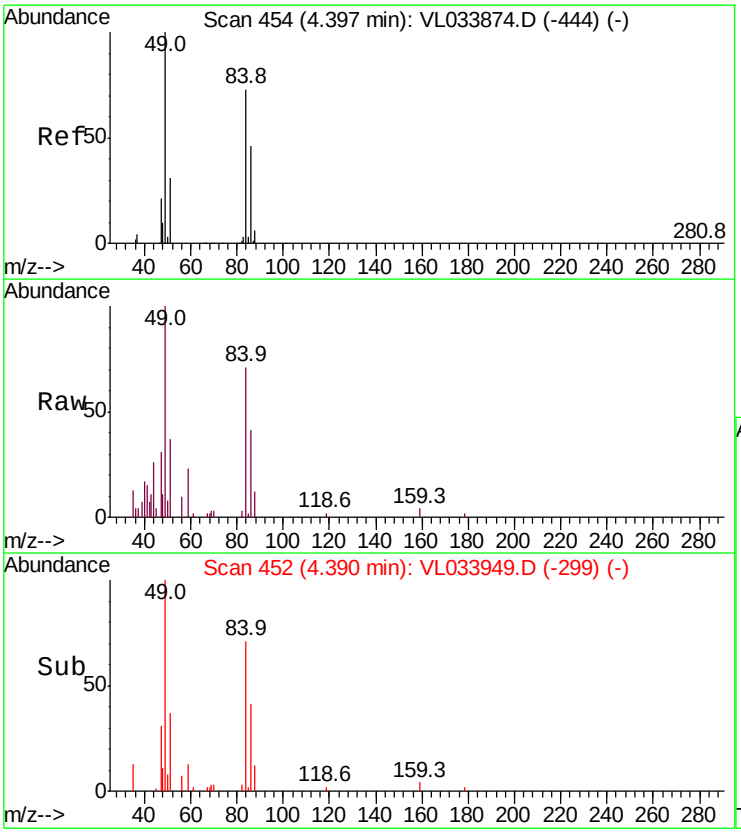
#15
Acetone
Concen: 1.147 ppbv
RT: 3.89 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument : MSVOA_L
ClientSampleId : TZC-SSDS-AREA-C-1DL

Tgt Ion: 43 Resp: 156775

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.3	31.9

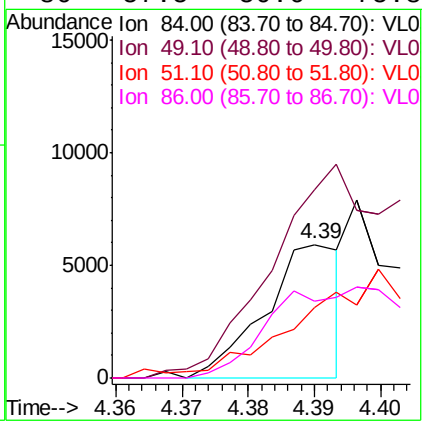


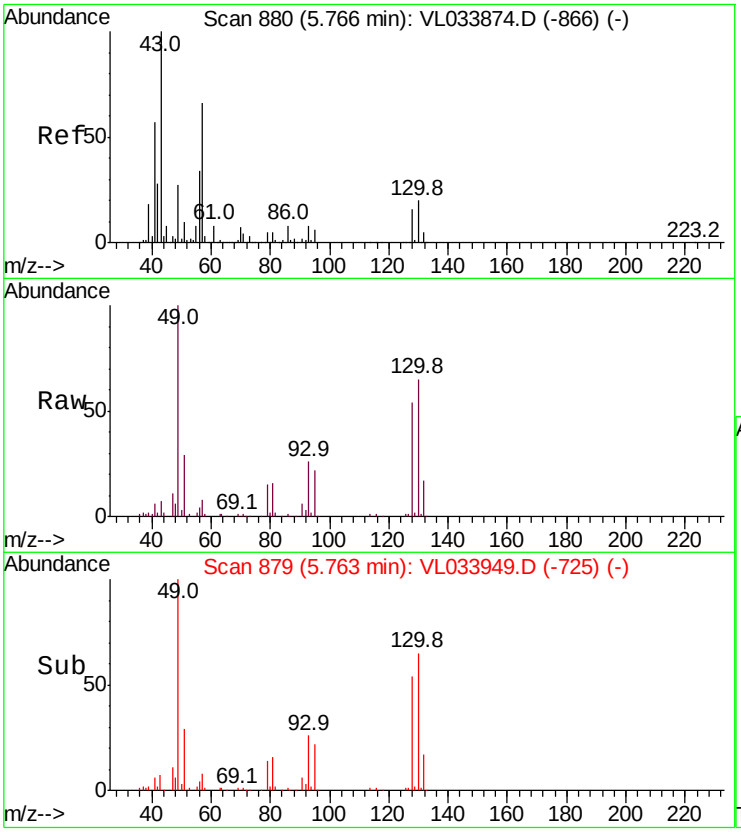


#20
Methylene Chloride
Concen: 0.089 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 84 Resp: 4733

Ion	Ratio	Lower	Upper
84	100		
49	145.2	110.0	165.0
51	47.2	34.6	51.8
86	57.5	50.6	75.8



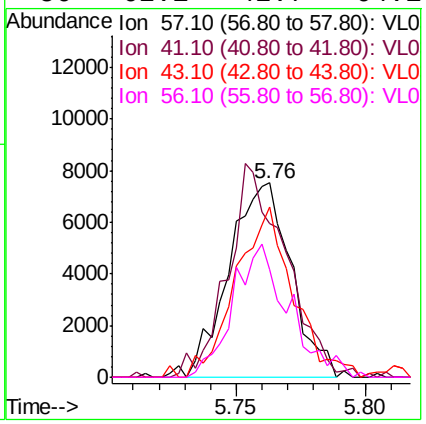


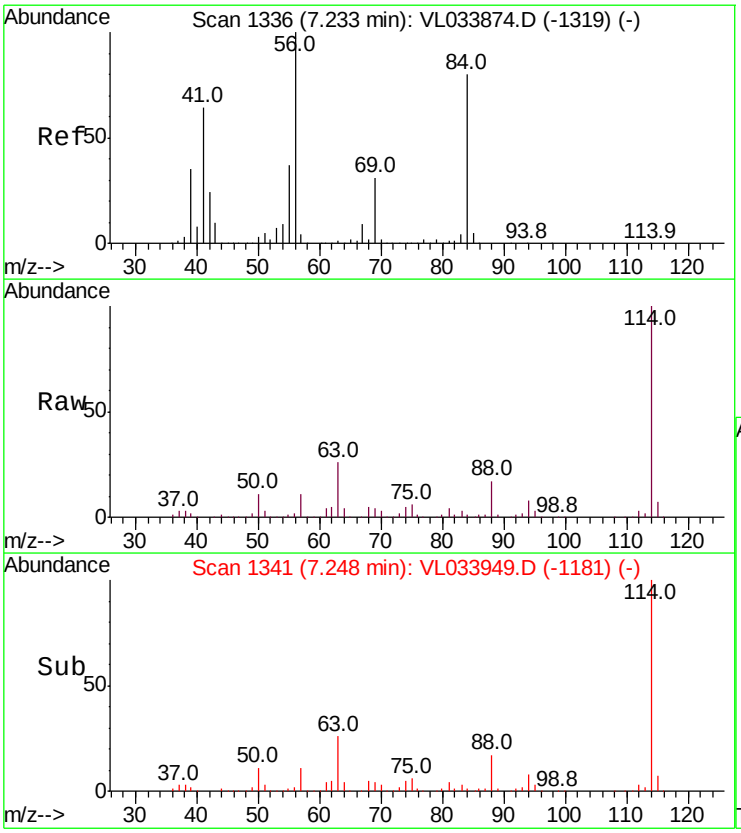
#26
Hexane
Concen: 0.133 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion: 57 Resp: 12619

Ion	Ratio	Lower	Upper
57	100		
41	102.6	71.4	107.2
43	85.5	183.7	275.5#
56	62.1	42.7	64.1

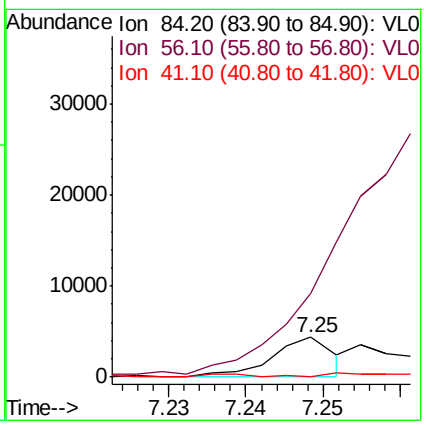


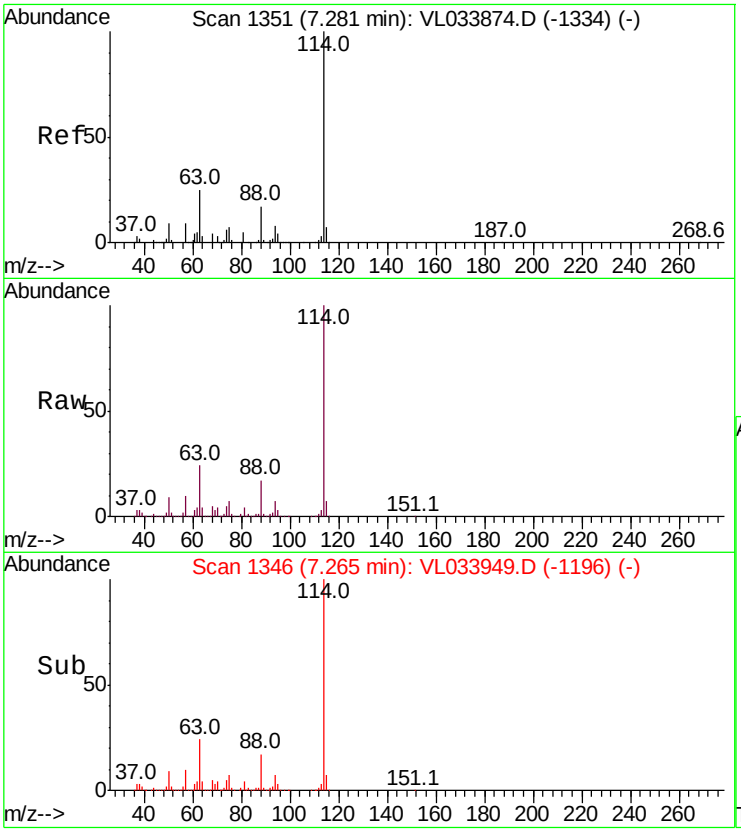


#30
Cyclohexane
Concen: 0.036 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 84 Resp: 2432

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.8	158.8#
41	0.0	65.7	98.5#



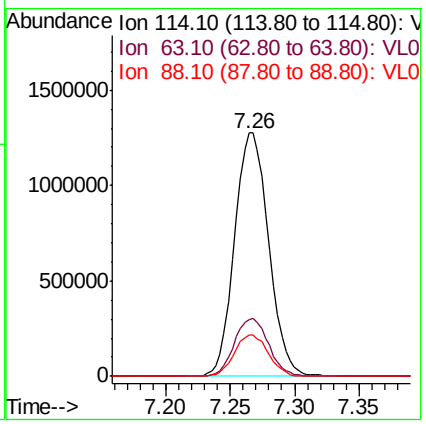


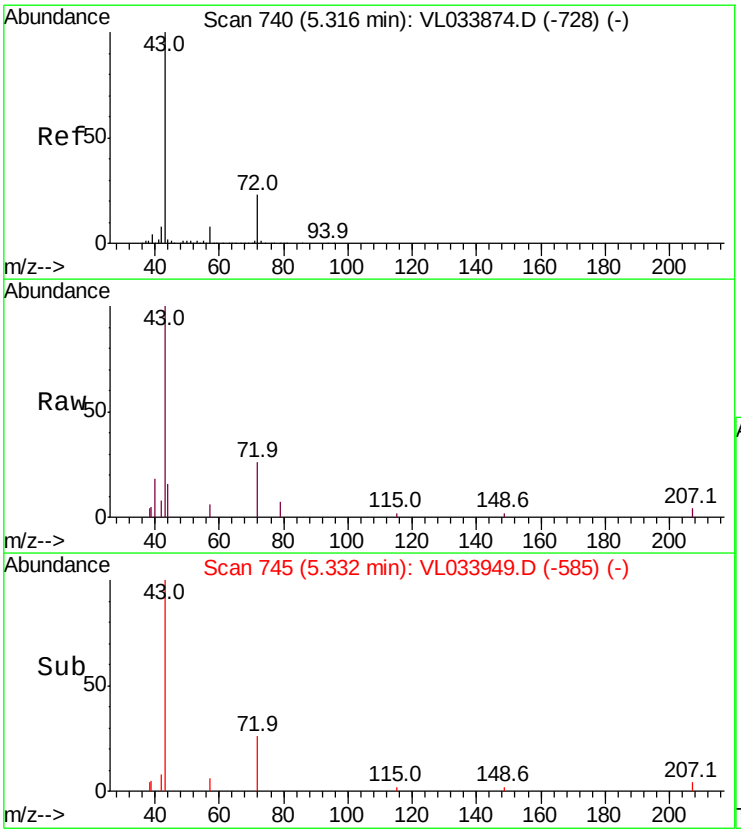
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion:114 Resp: 2348489

Ion	Ratio	Lower	Upper
114	100		
63	23.9	21.1	31.7
88	17.1	14.2	21.4

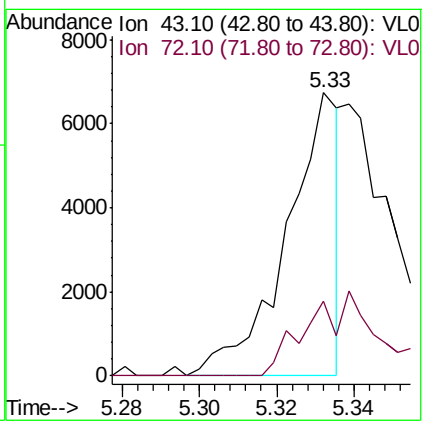


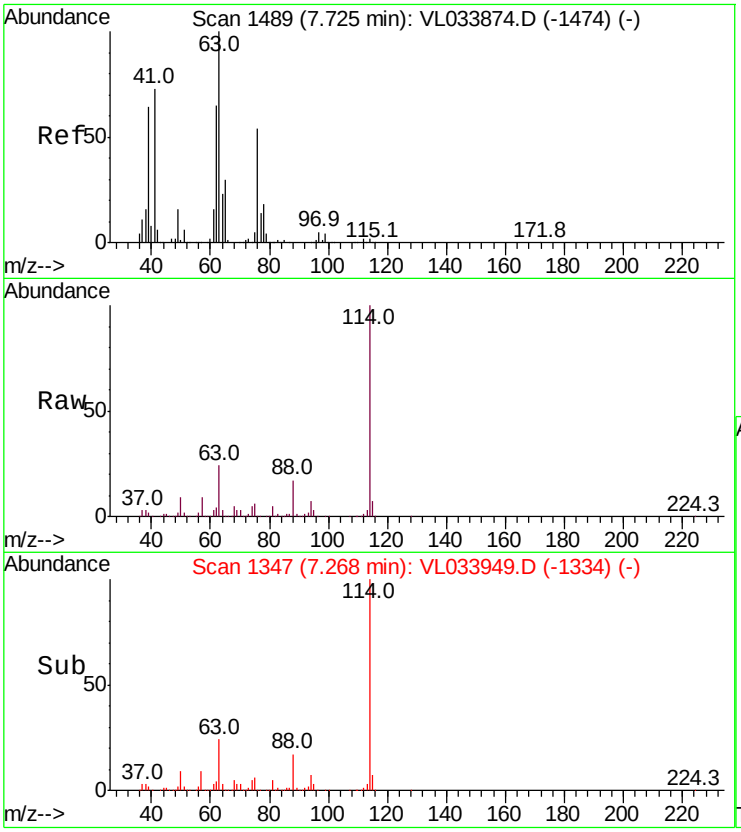


#34
2-Butanone
Concen: 0.048 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.02 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 43 Resp: 6307

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.9	26.9#



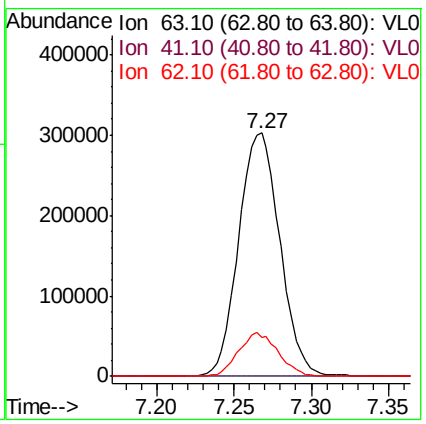


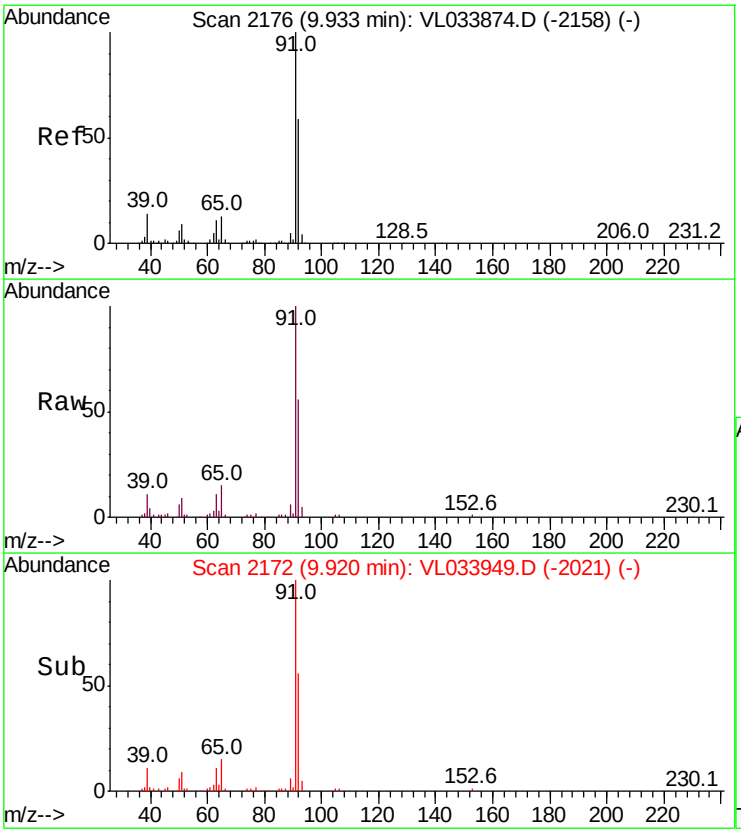
#39
1,2-Dichloropropane
Concen: 8.088 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. -0.46 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion: 63 Resp: 559988

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	16.0	51.9	77.9#

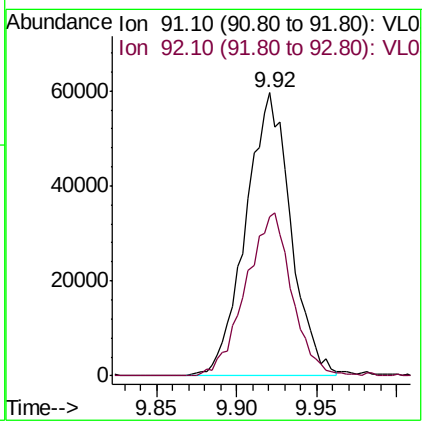


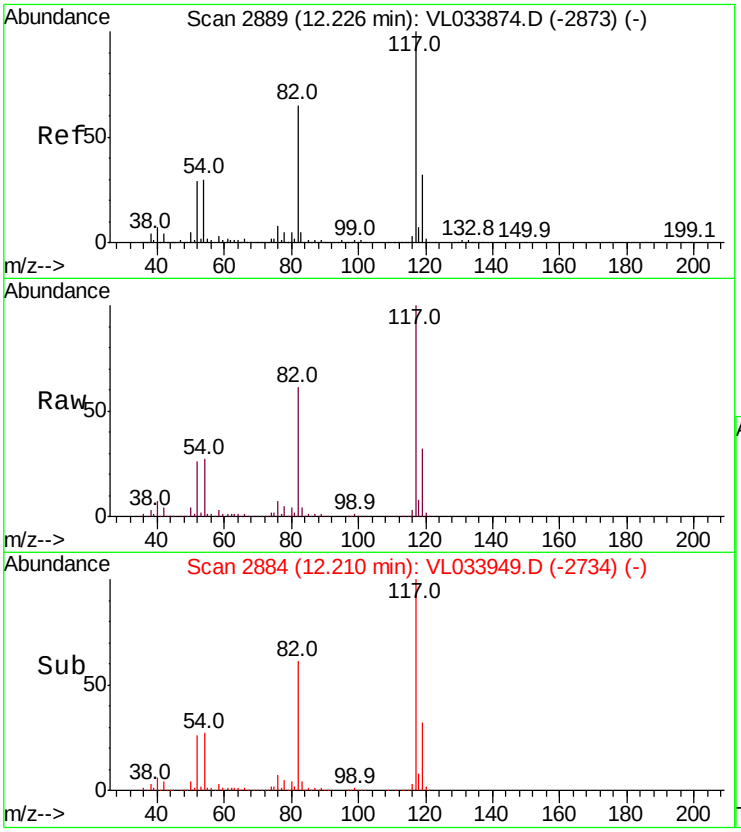


#53
Toluene
Concen: 0.580 ppbv
RT: 9.92 min Scan# 2172
Delta R.T. -0.01 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 91 Resp: 115072

Ion	Ratio	Lower	Upper
91	100		
92	59.3	47.0	70.6



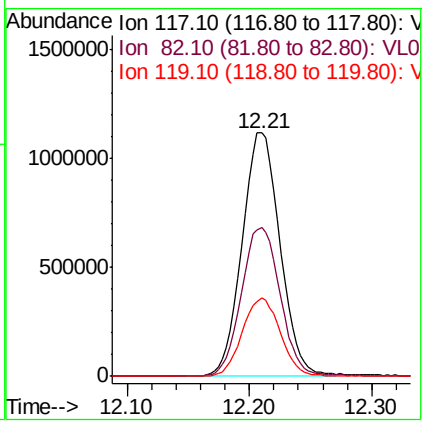


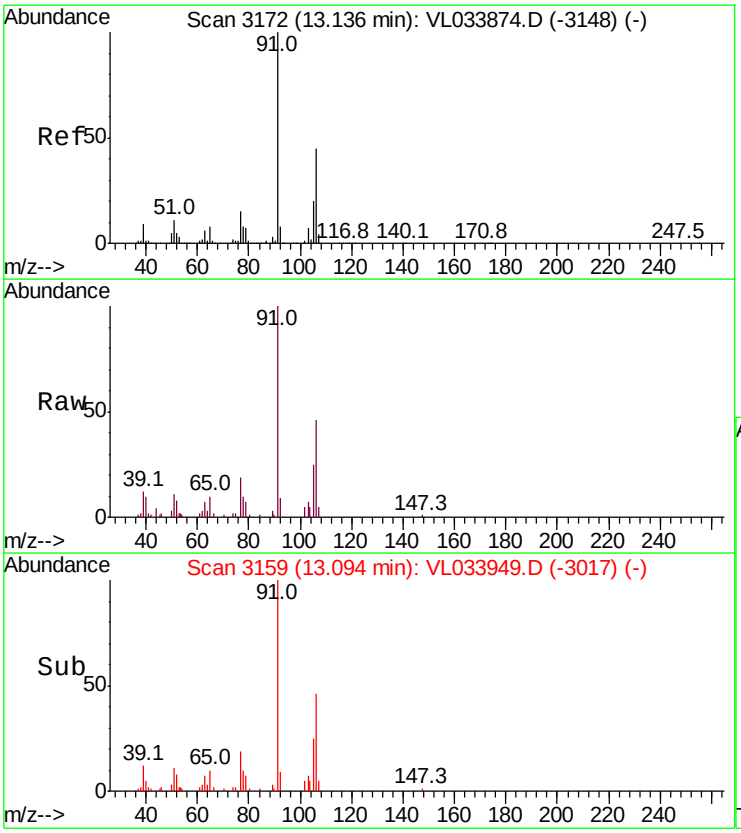
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion:117 Resp: 2398959

Ion	Ratio	Lower	Upper
117	100		
82	63.4	50.2	75.2
119	32.6	24.8	37.2

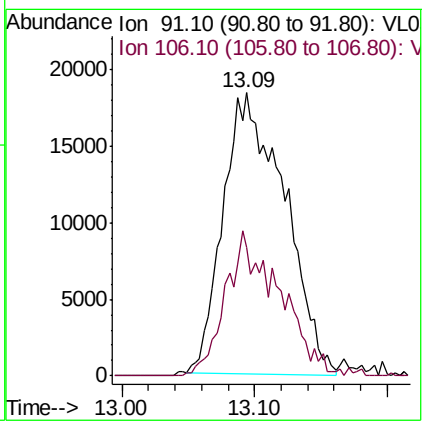


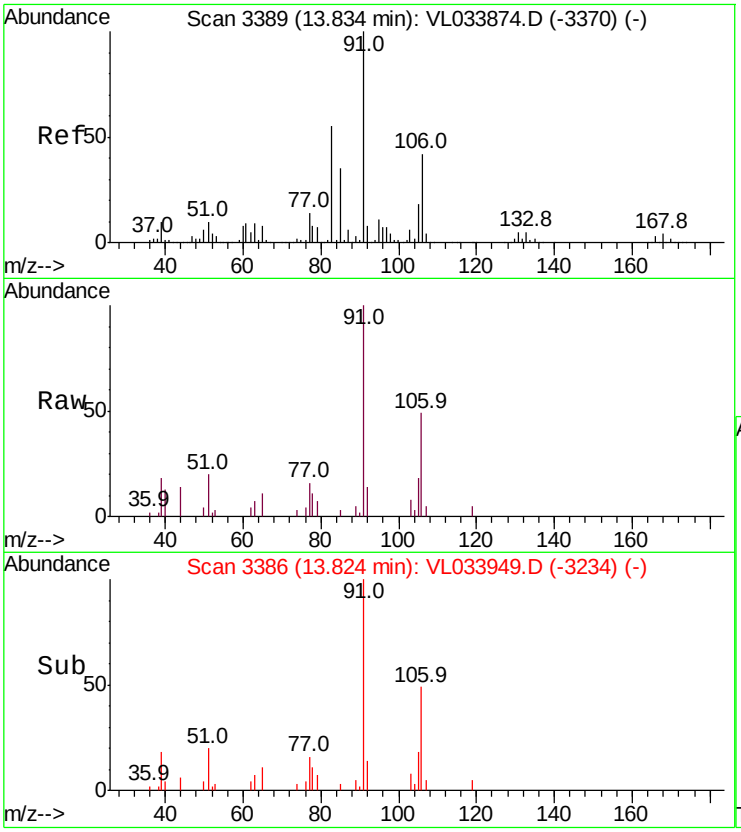


#59
m/p-Xylene
Concen: 0.240 ppbv
RT: 13.09 min Scan# 3159
Delta R.T. -0.04 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 91 Resp: 59014

Ion	Ratio	Lower	Upper
91	100		
106	45.6	35.8	53.8



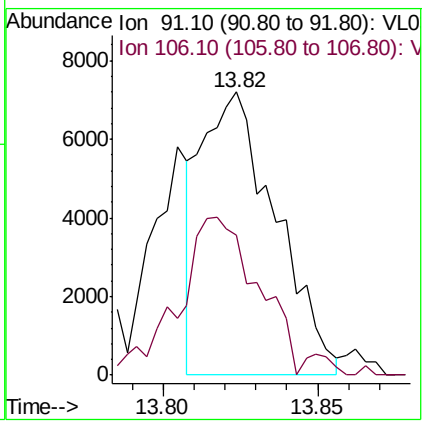


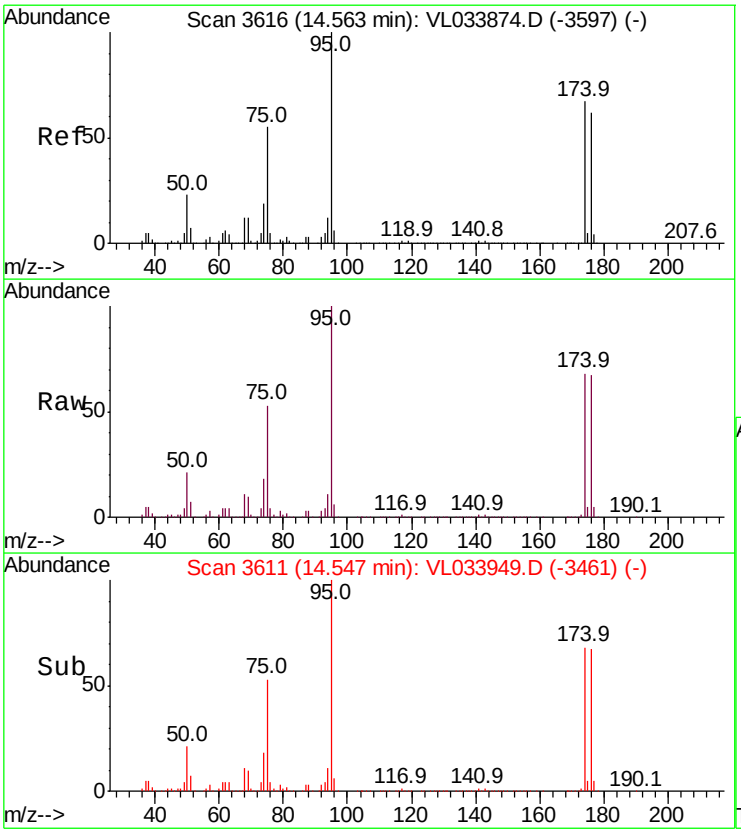
#60
o-Xylene
Concen: 0.047 ppbv
RT: 13.82 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-1DL

Tgt Ion: 91 Resp: 12052

Ion	Ratio	Lower	Upper
91	100		
106	62.5	21.7	65.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.643 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033949.D
Acq: 24 Jun 2019 23:15

Tgt Ion: 95 Resp: 1900183

Ion	Ratio	Lower	Upper
95	100		
174	70.0	54.0	81.0
175	5.0	3.8	5.8