Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033413.D
Acq On : 21 Mar 2019 6:06
Operator : SY/AP
Sample : K1976-03DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL

Quant Time: Mar 21 12:43:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1147785	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2562535	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.25	117	1636127	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1237048	10.20	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	25164	0.191	ppbv	98
9) Propene	3.04	41	3188	0.054	ppbv #	54
15) Acetone	3.90	43	594293	3.331	ppbv	97
16) 1,3-Butadiene	3.35	39	21165	0.365	ppbv #	8
20) Methylene Chloride	4.41	84	9631	0.166	ppbv #	75
26) Hexane	5.78	57	4610	0.040	ppbv #	10
27) Carbon Disulfide	4.62	76	5408	0.041	ppbv #	69
34) 2-Butanone	5.34	43	34598	0.206	ppbv #	54
38) Trichloroethene	7.96	130	55749	0.642	ppbv	90
39) 1,2-Dichloropropane	7.29	63	681688	7.937	ppbv #	25
52) Tetrachloroethene	11.39	164	9890930	103.525	ppbv	92

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

Quantitation Report (Not Reviewed)

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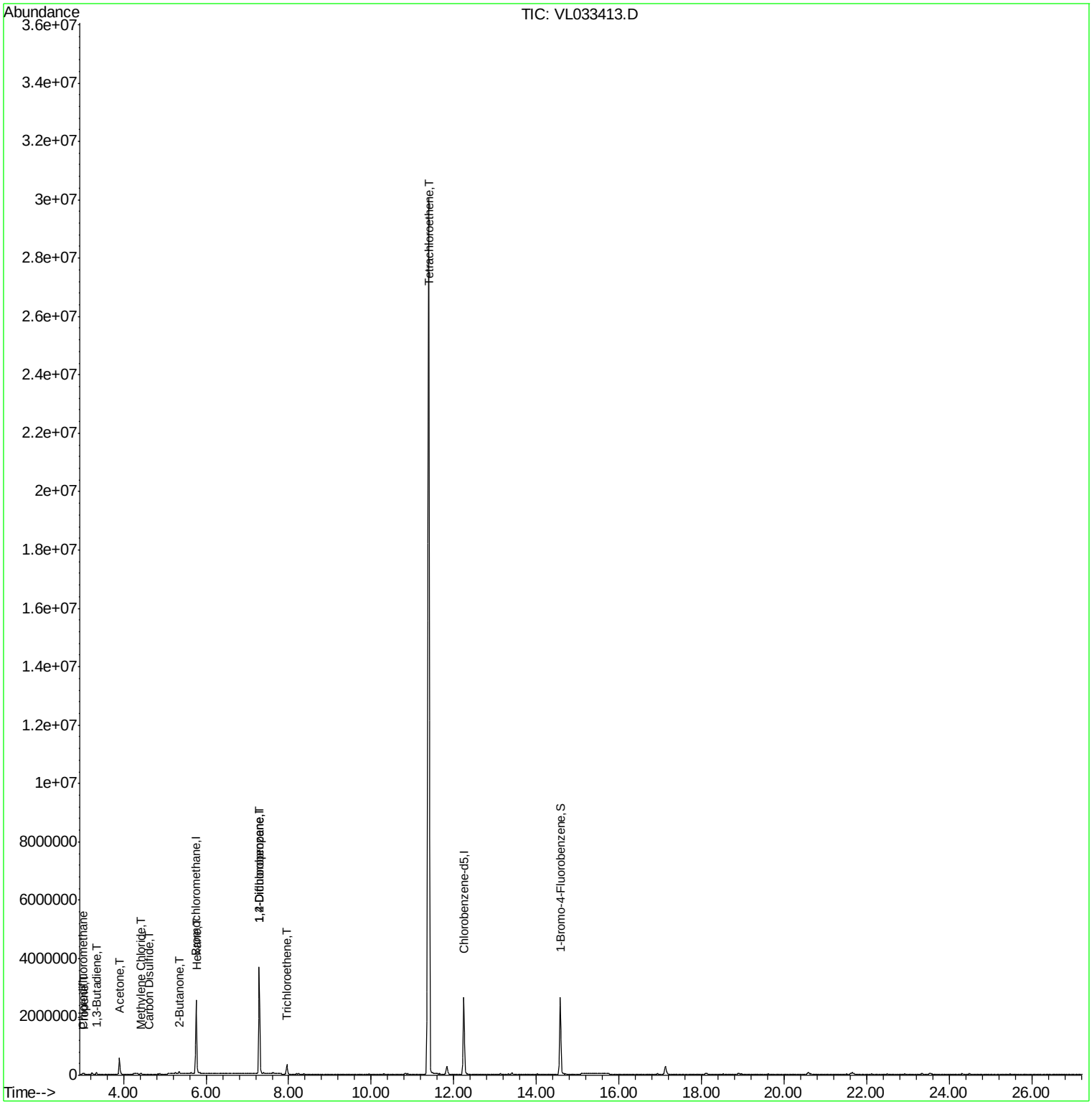
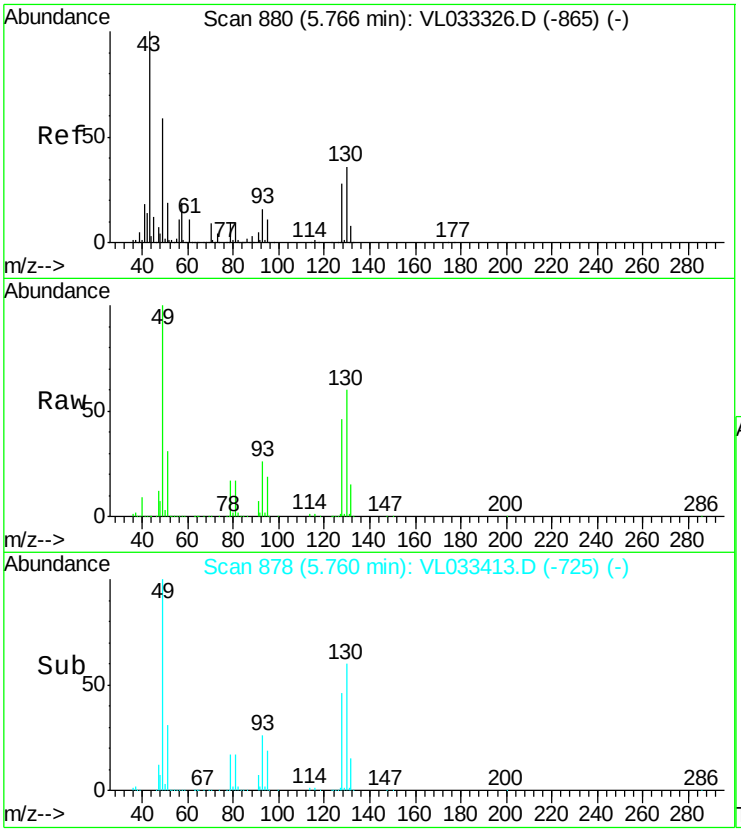


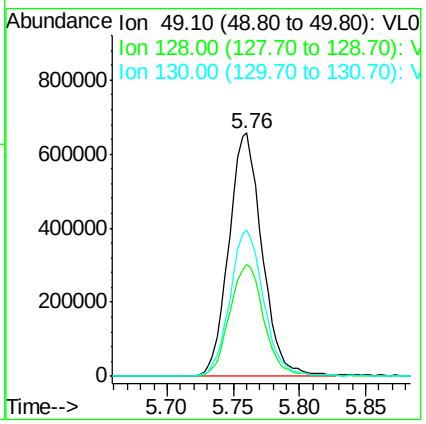


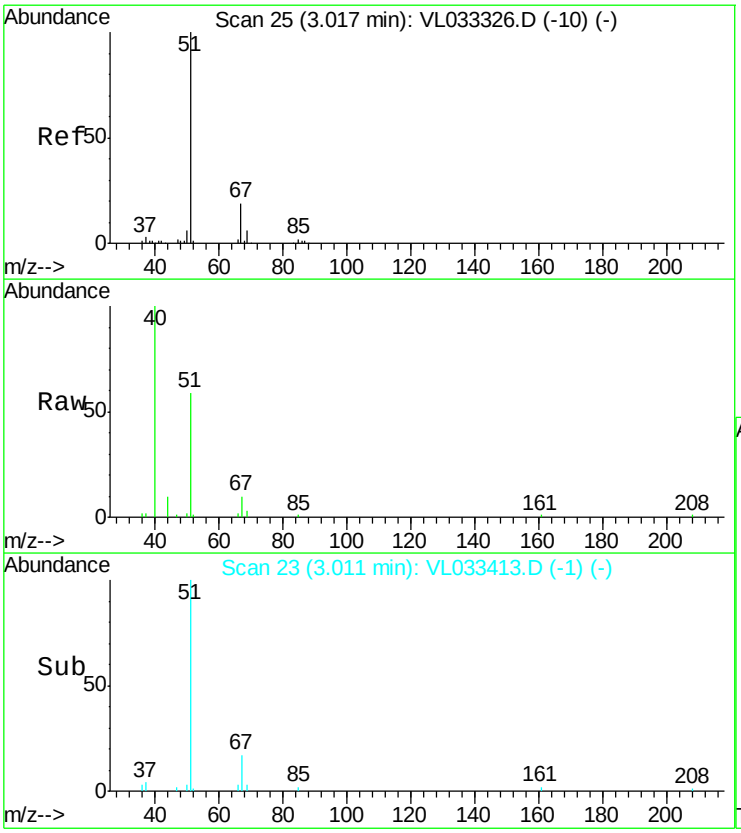
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 1147785

Ion	Ratio	Lower	Upper
49	100		
128	47.7	23.5	70.6
130	61.4	30.1	90.3

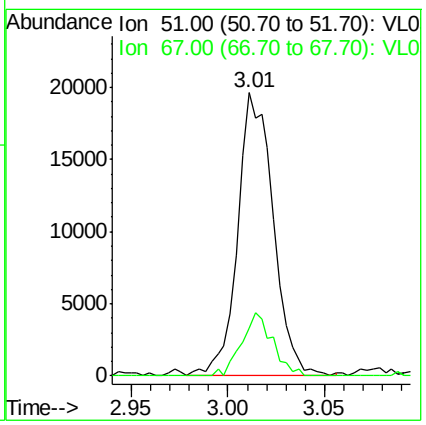


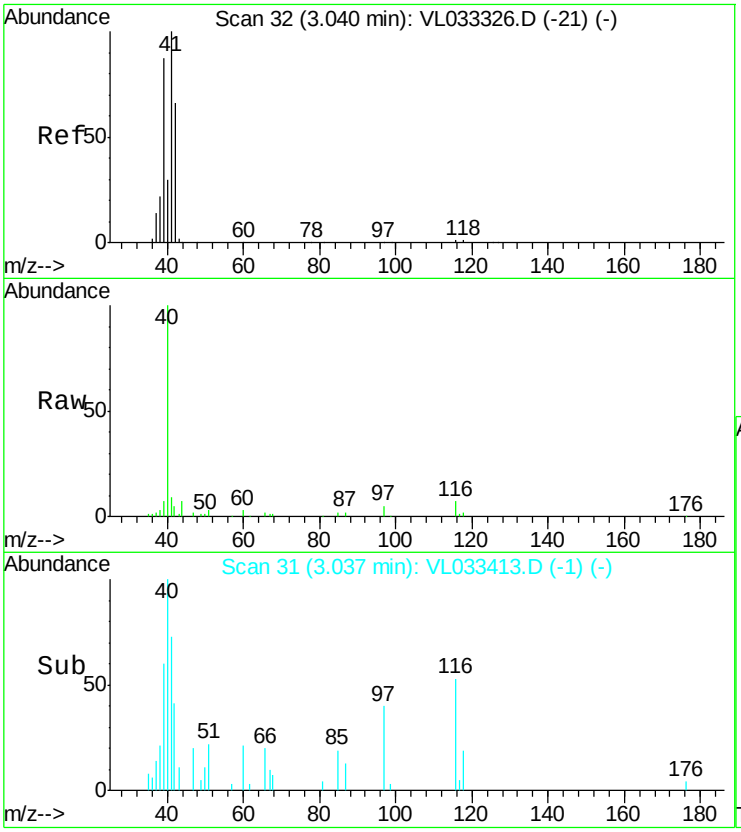


#3
Chlorodifluoromethane
Concen: 0.191 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 51 Resp: 25164

Ion	Ratio	Lower	Upper
51	100		
67	19.3	14.9	22.3



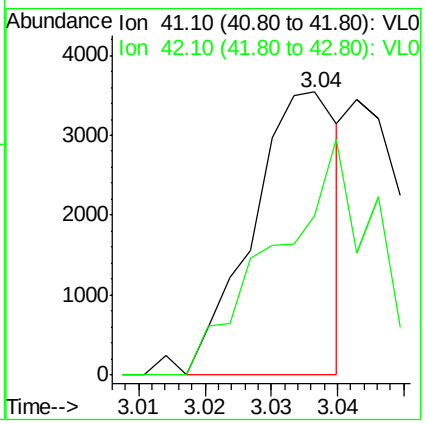


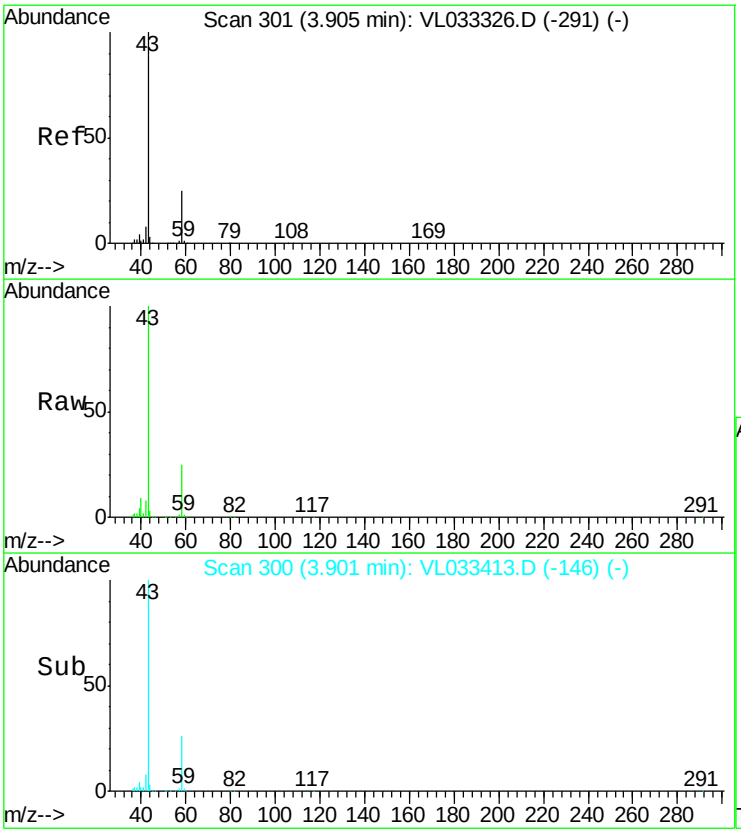
#9
Propene
Concen: 0.054 ppbv
RT: 3.04 min Scan# 31
Delta R.T. -0.00 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 41 Resp: 3188

Ion	Ratio	Lower	Upper
41	100		
42	106.5	55.2	82.8#

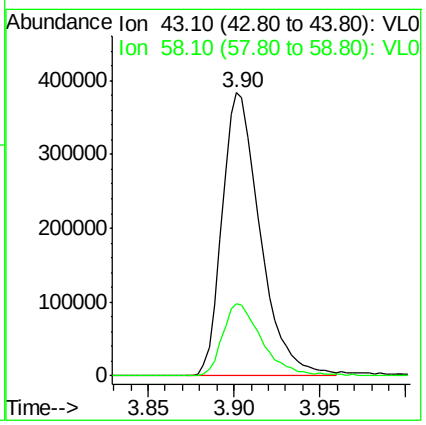


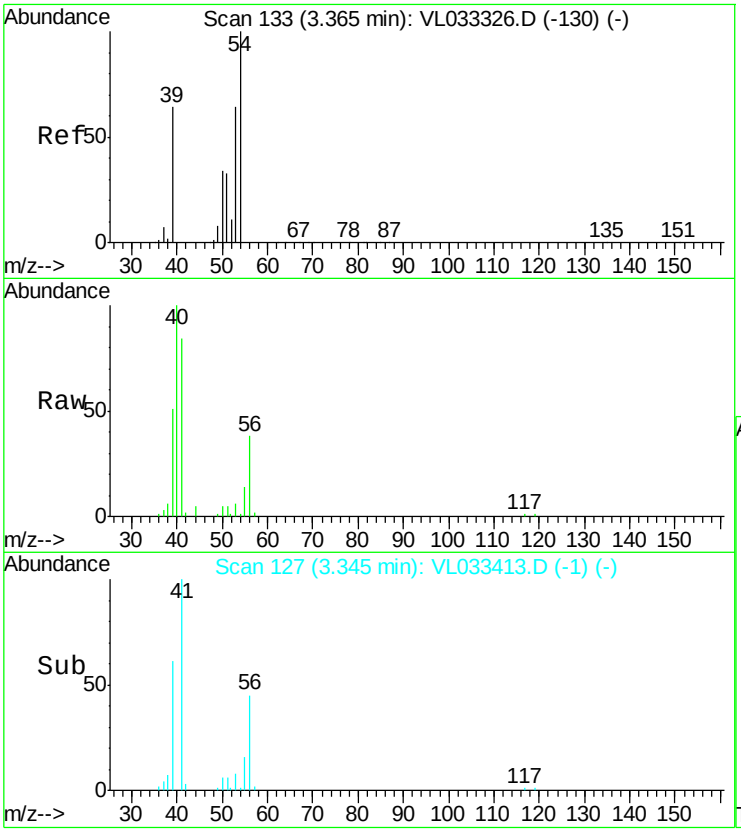


#15
Acetone
Concen: 3.331 ppbv
RT: 3.90 min Scan# 300
Delta R.T. -0.00 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 43 Resp: 594293

Ion	Ratio	Lower	Upper
43	100		
58	26.8	20.4	30.6



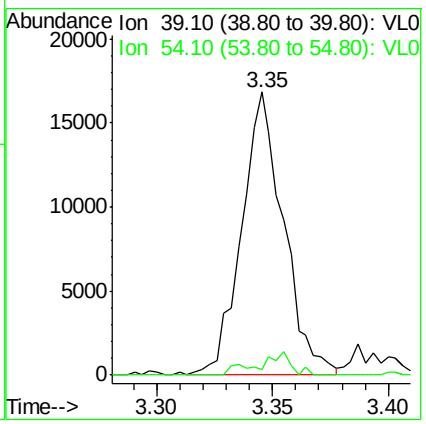


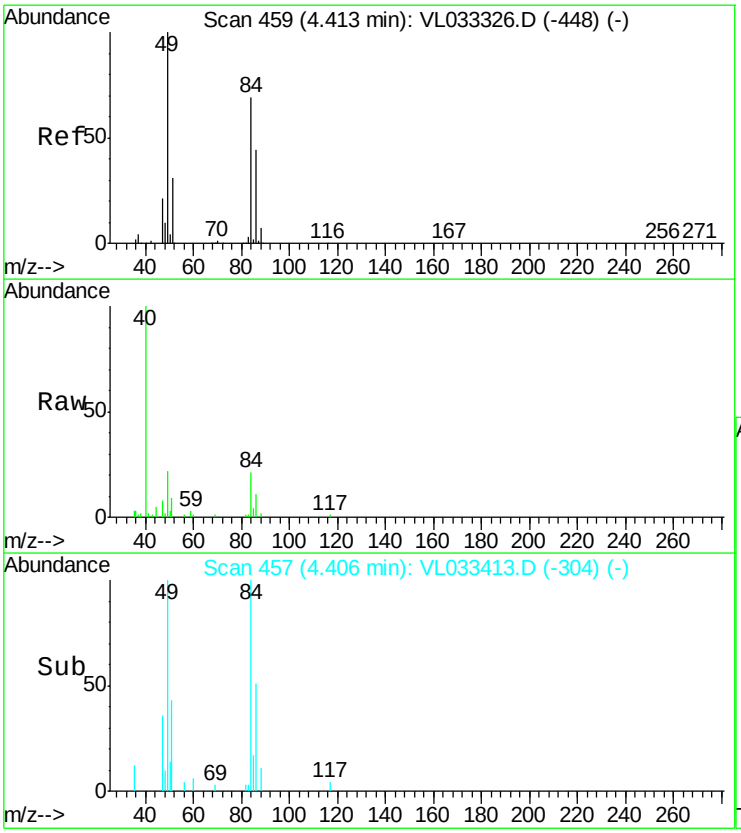
#16
1,3-Butadiene
Concen: 0.365 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion: 39 Resp: 21165

Ion	Ratio	Lower	Upper
39	100		
54	6.3	76.8	115.2#

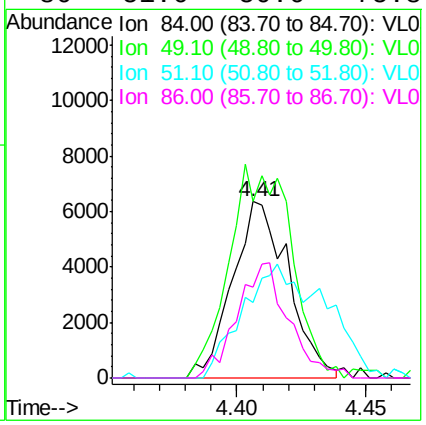


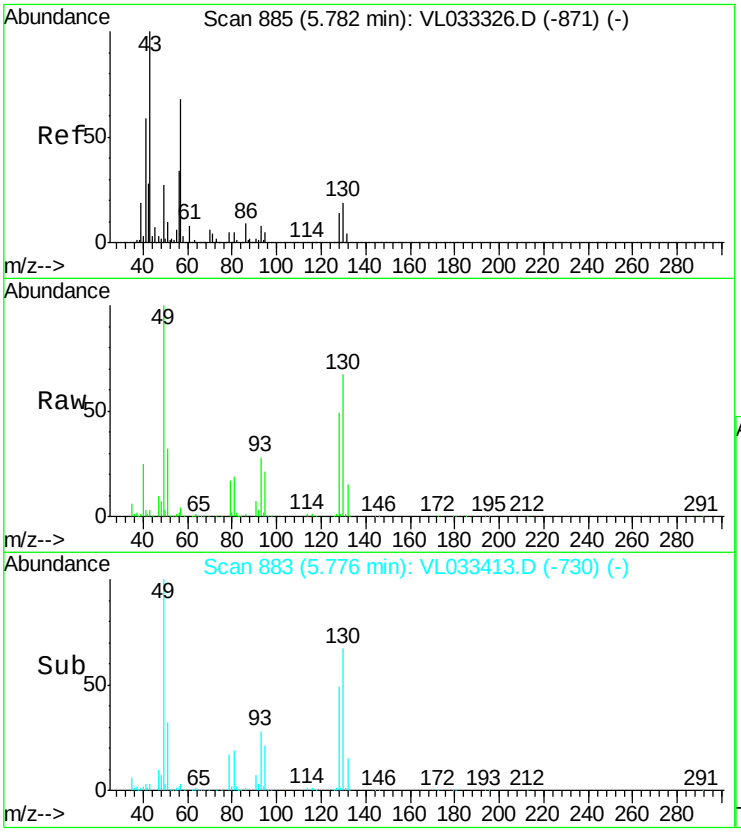


#20
Methylene Chloride
Concen: 0.166 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 84 Resp: 9631

Ion	Ratio	Lower	Upper
84	100		
49	100.2	115.4	173.0#
51	42.6	35.8	53.6
86	51.6	50.6	75.8



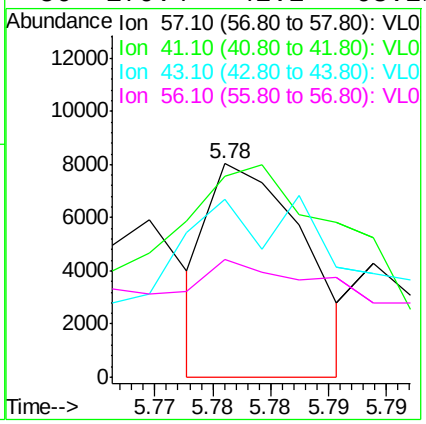


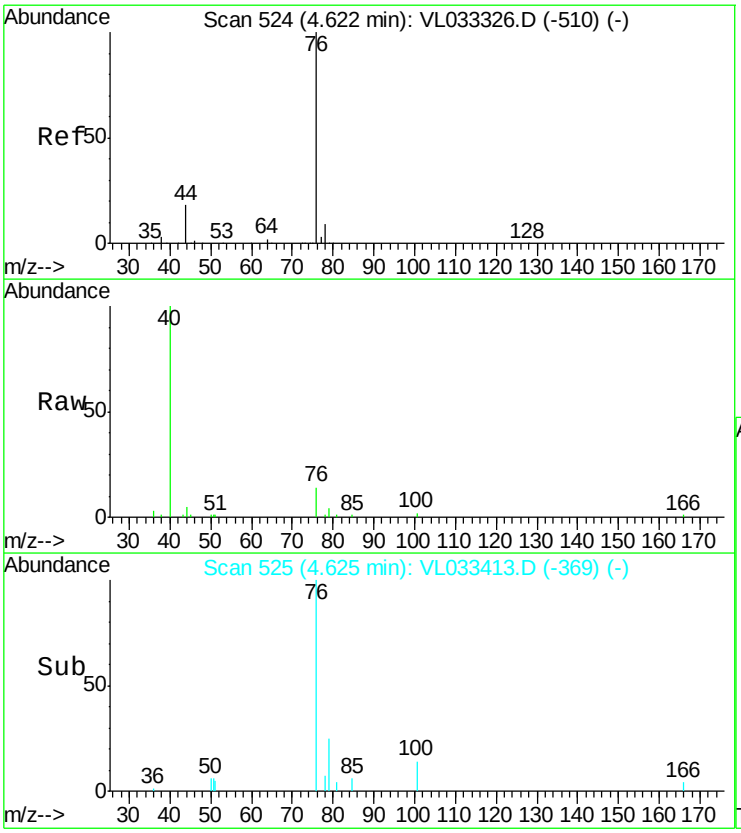
#26
Hexane
Concen: 0.040 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion: 57 Resp: 4610

Ion	Ratio	Lower	Upper
57	100		
41	319.0	70.5	105.7#
43	241.4	181.8	272.8
56	179.4	42.2	63.2#

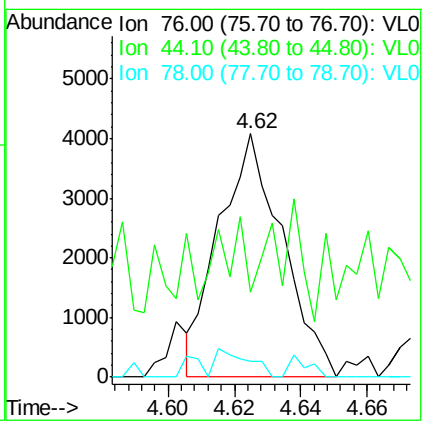


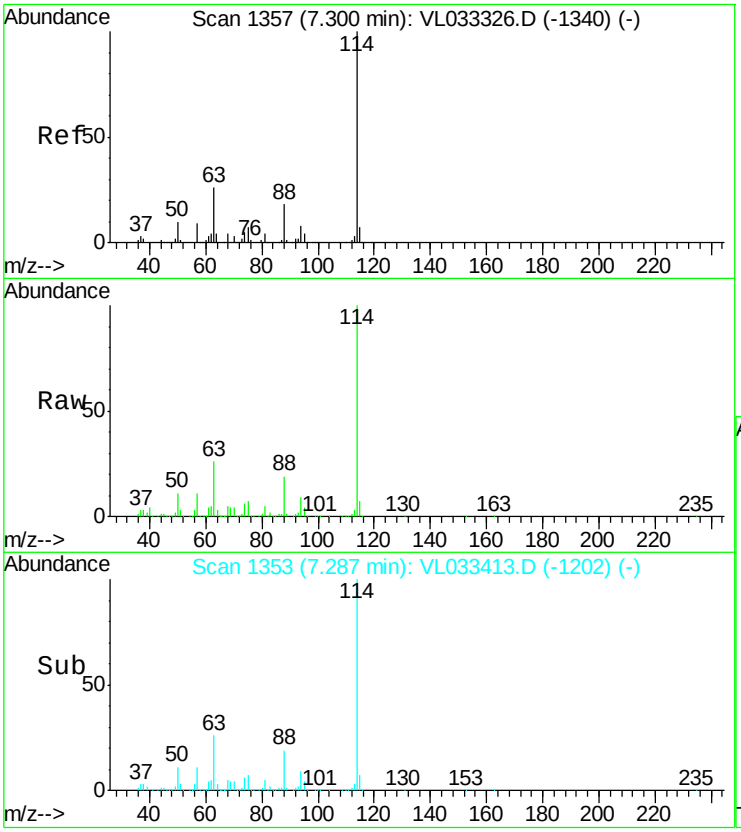


#27
Carbon Disulfide
Concen: 0.041 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 76 Resp: 5408

Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.2	22.8#
78	11.9	7.2	10.8#



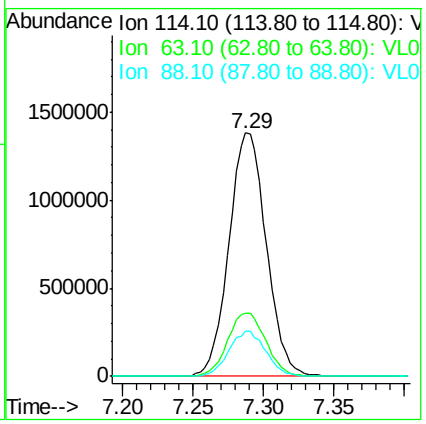


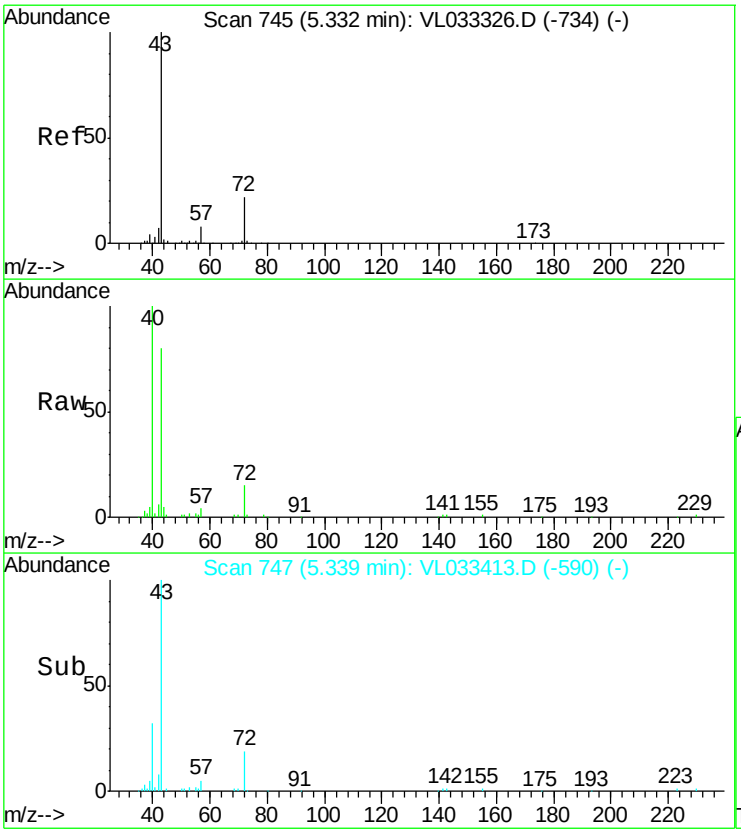
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:114 Resp: 2562535

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.4	32.2
88	18.3	14.5	21.7

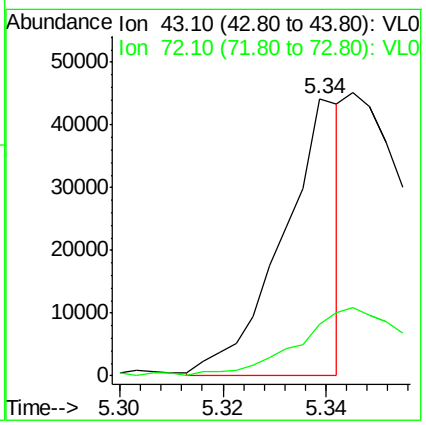


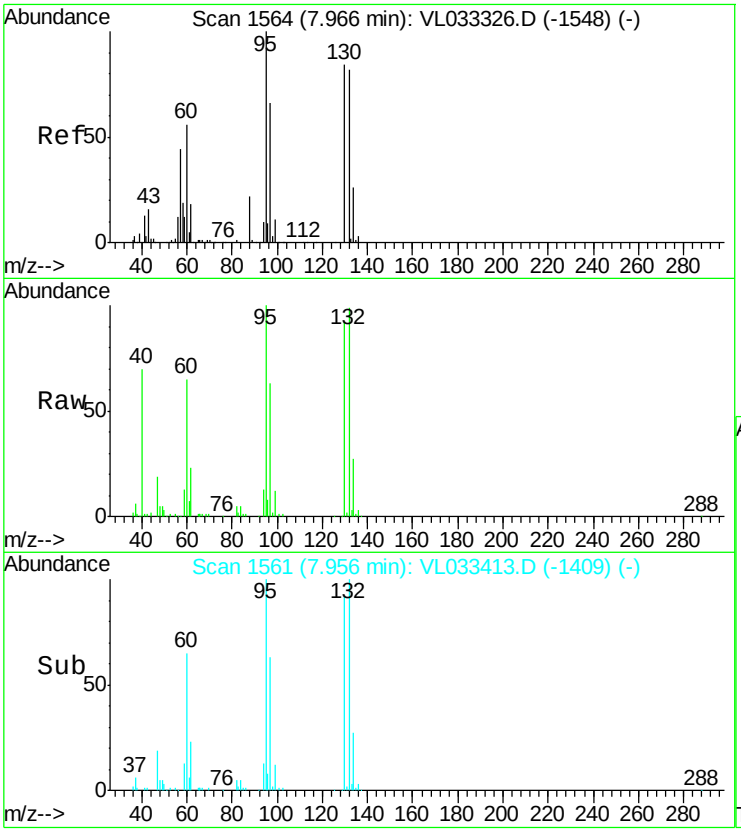


#34
2-Butanone
Concen: 0.206 ppbv
RT: 5.34 min Scan# 747
Delta R.T. 0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 43 Resp: 34598

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



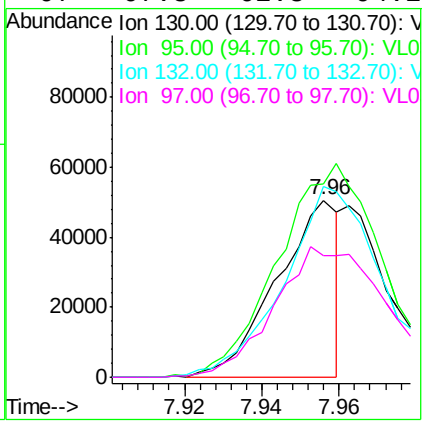


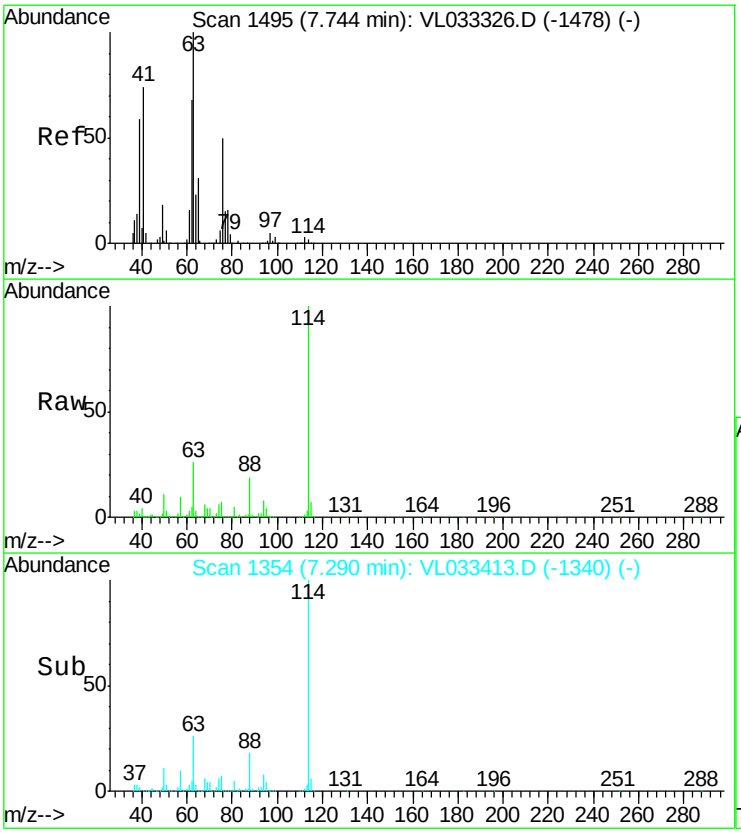
#38
Trichloroethene
Concen: 0.642 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion:130 Resp: 55749

Ion	Ratio	Lower	Upper
130	100		
95	108.1	95.2	142.8
132	106.7	77.7	116.5
97	67.8	62.8	94.2

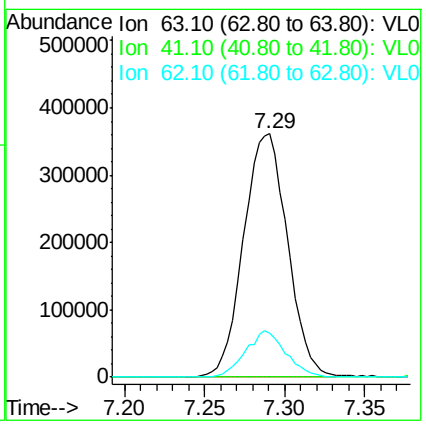


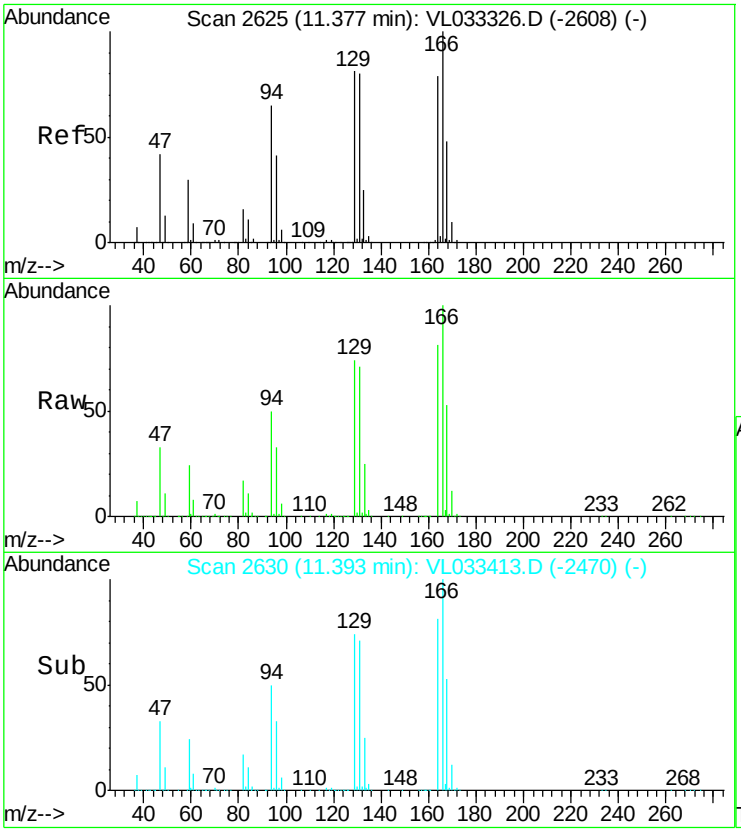


#39
1,2-Dichloropropane
Concen: 7.937 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 63 Resp: 681688

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.5	89.3#
62	17.9	54.7	82.1#



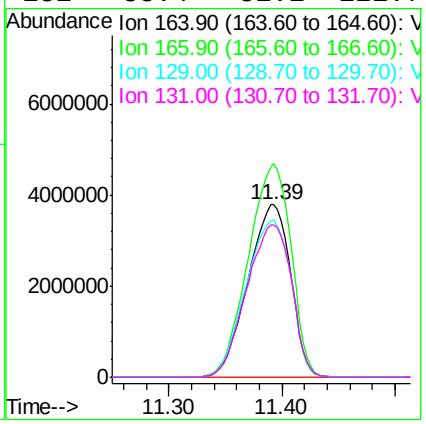


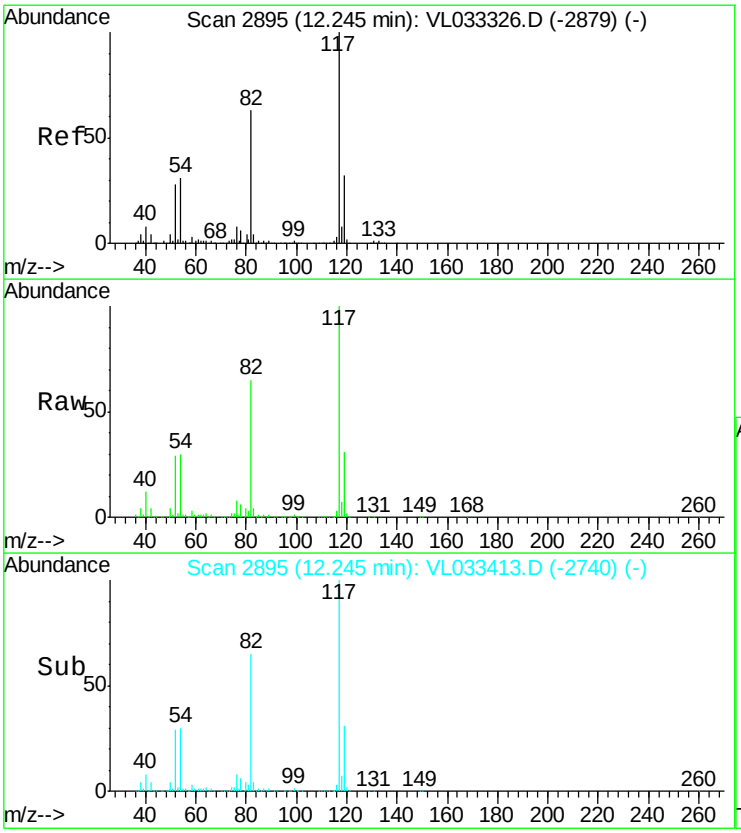
#52
Tetrachloroethene
Concen: 103.525 ppbv
RT: 11.39 min Scan# 2630
Delta R.T. 0.02 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion:164 Resp: 9890930

Ion	Ratio	Lower	Upper
164	100		
166	123.7	101.5	152.3
129	91.5	82.2	123.2
131	88.4	81.1	121.7

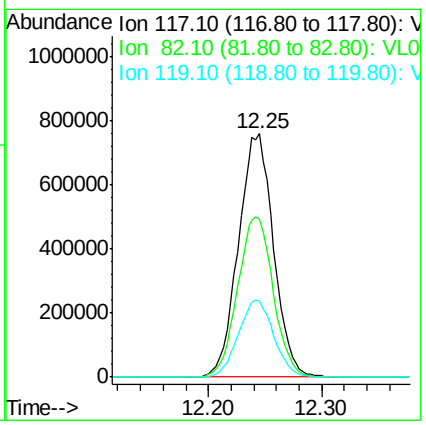


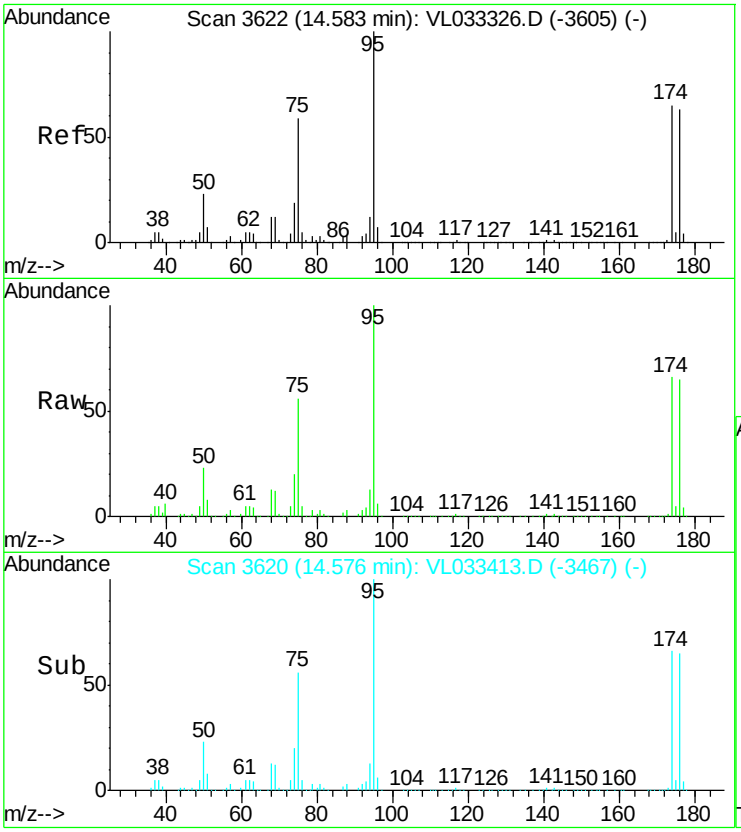


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion:117 Resp: 1636127

Ion	Ratio	Lower	Upper
117	100		
82	67.0	53.4	80.2
119	32.0	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.204 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 95 Resp: 1237048

Ion	Ratio	Lower	Upper
95	100		
174	66.1	51.5	77.3
175	4.6	3.8	5.6