Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033817.D
Acq On : 29 May 2019 00:32
Operator : SY/AP
Sample : K2960-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-ODA-3004-04DL

Quant Time: May 29 05:32:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.75	49	739514	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	1877012	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	1696730	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1478179	10.75	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	5933	0.038	ppbv		95
3) Chlorodifluoromethane	3.01	51	4878	0.058	ppbv		93
4) Chloromethane	3.17	50	1096	0.023	ppbv	#	74
9) Propene	3.05	41	7192	0.200	ppbv	#	81
11) Trichlorofluoromethane	4.00	101	2244	0.015	ppbv		84
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1714	0.017	ppbv		94
13) Ethanol	3.63	45	160	0.014	ppbv	#	38
15) Acetone	3.90	43	60872	0.593	ppbv		98
20) Methylene Chloride	4.41	84	8998	0.228	ppbv	#	88
26) Hexane	5.78	57	2004	0.026	ppbv	#	42
30) Cyclohexane	7.27	84	4506	0.069	ppbv	#	1
39) 1,2-Dichloropropane	7.28	63	495253	7.780	ppbv	#	23
53) Toluene	9.93	91	9739	0.053	ppbv	#	21

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

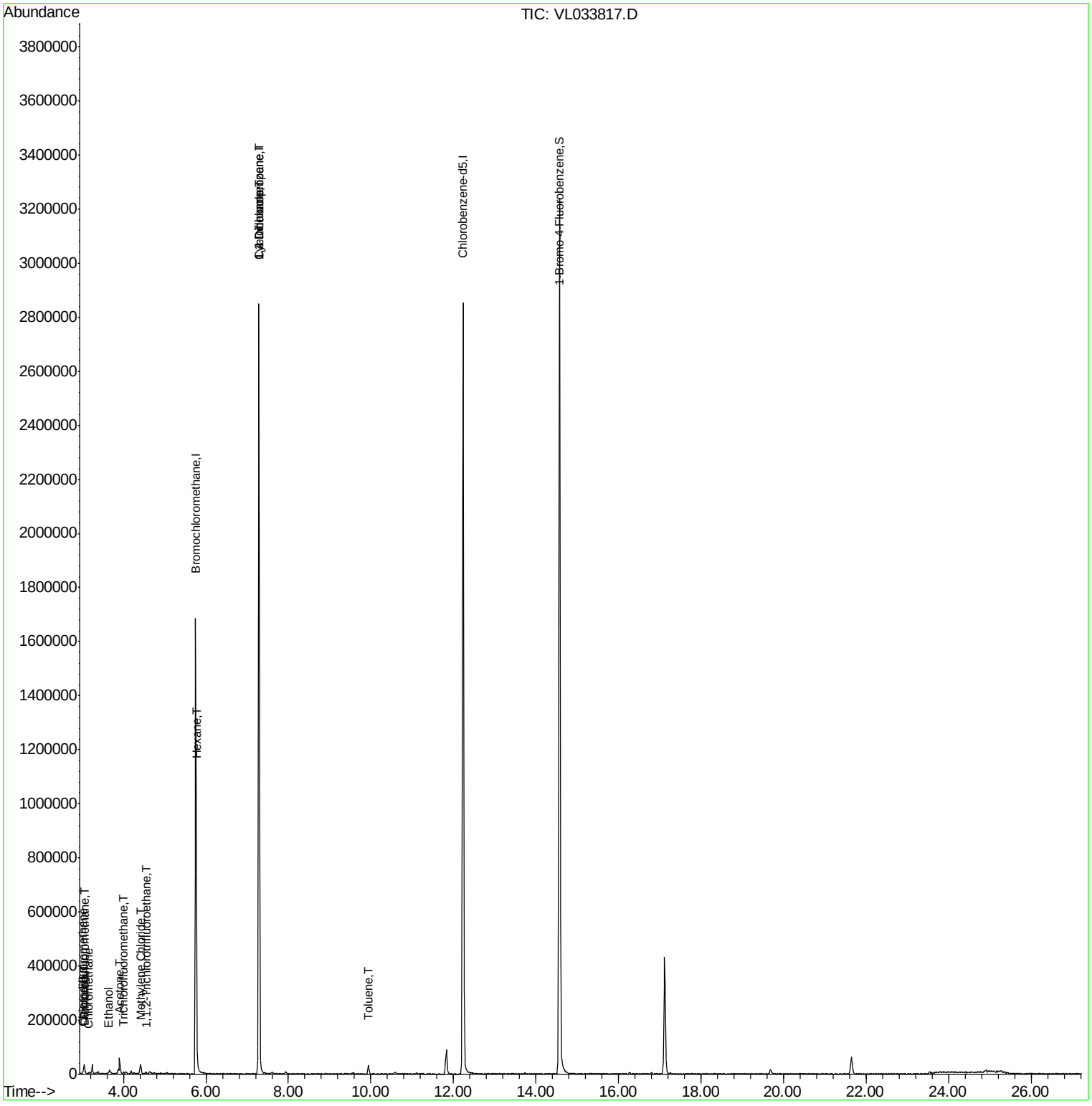
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

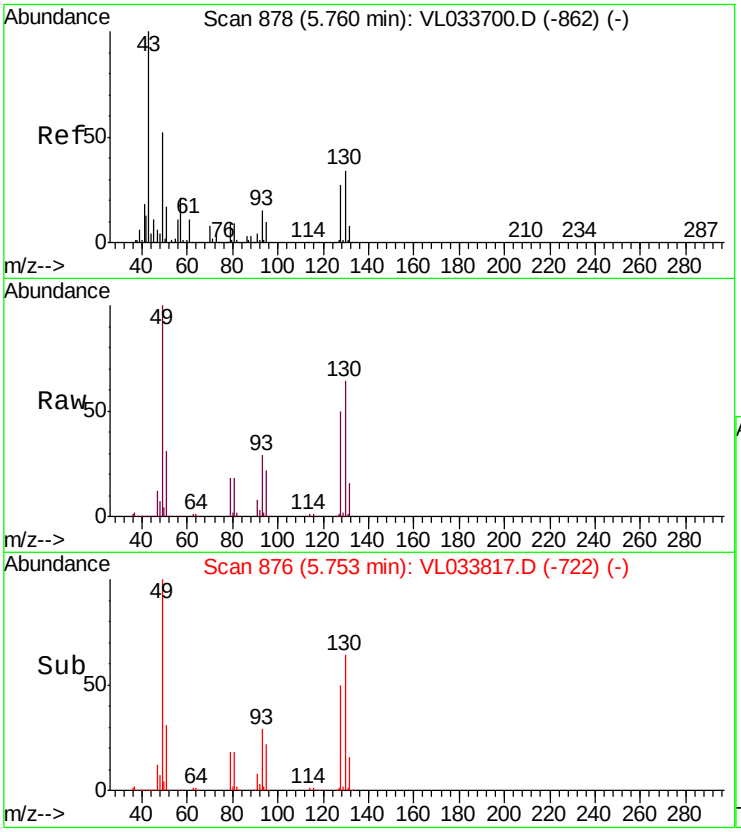
Quantitation Report (Not Reviewed)

Data File : VL033817.D
Acq On : 29 May 2019 00:32
Operator : SY/AP
Sample : K2960-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-ODA-3004-04DL

Quant Time: May 29 05:32:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



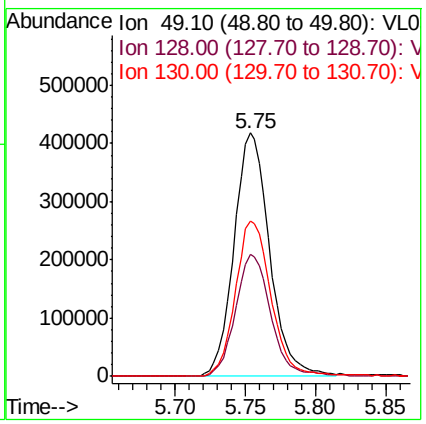


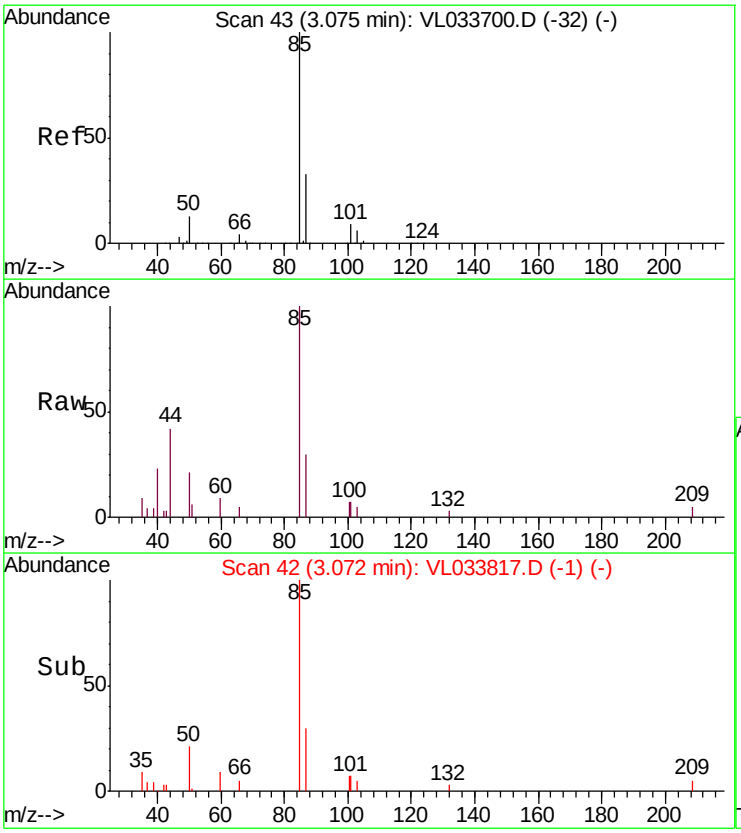
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 49 Resp: 739514

Ion	Ratio	Lower	Upper
49	100		
128	50.0	25.2	75.6
130	64.4	32.5	97.5

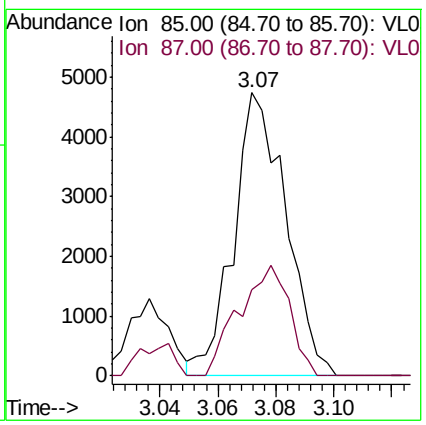


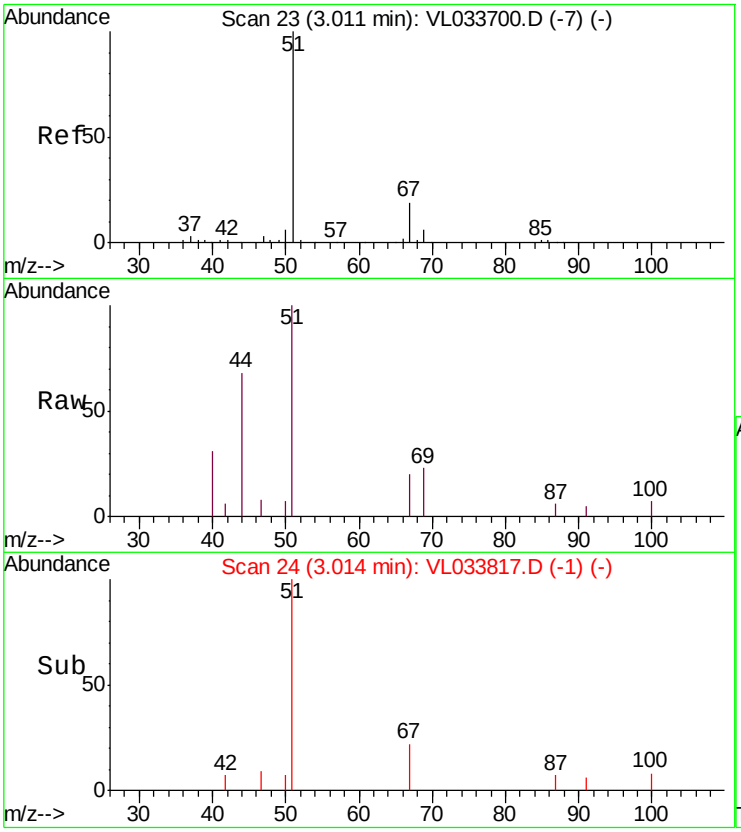


#2
Dichlorodifluoromethane
Concen: 0.038 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion: 85 Resp: 5933

Ion	Ratio	Lower	Upper
85	100		
87	30.4	26.3	39.5



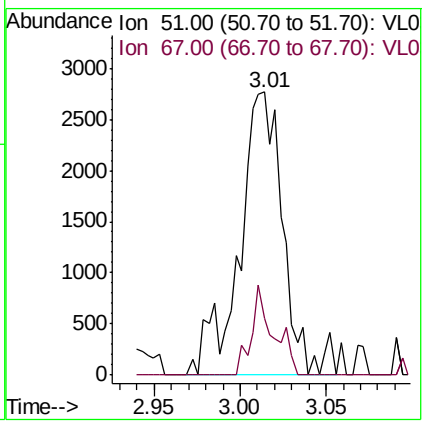


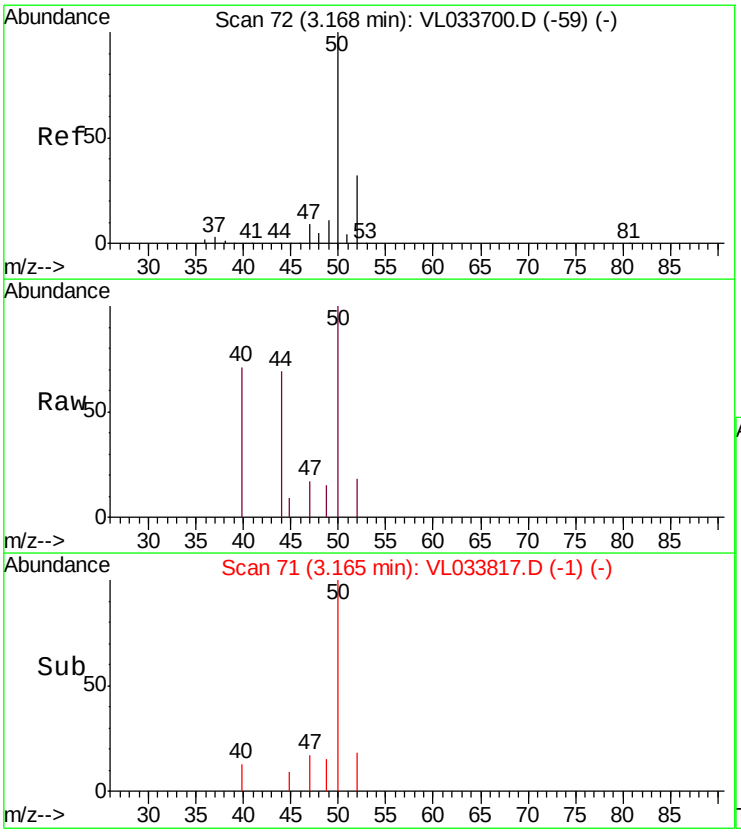
#3
Chlorodifluoromethane
Concen: 0.058 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 51 Resp: 4878

Ion	Ratio	Lower	Upper
51	100		
67	16.2	15.6	23.4

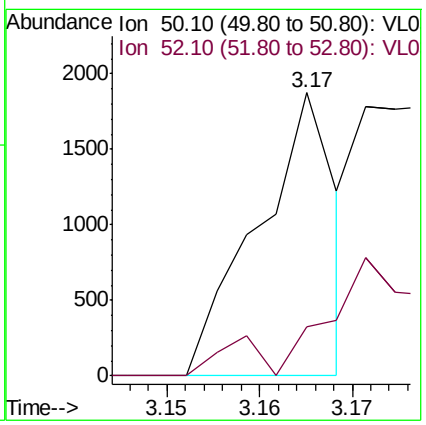


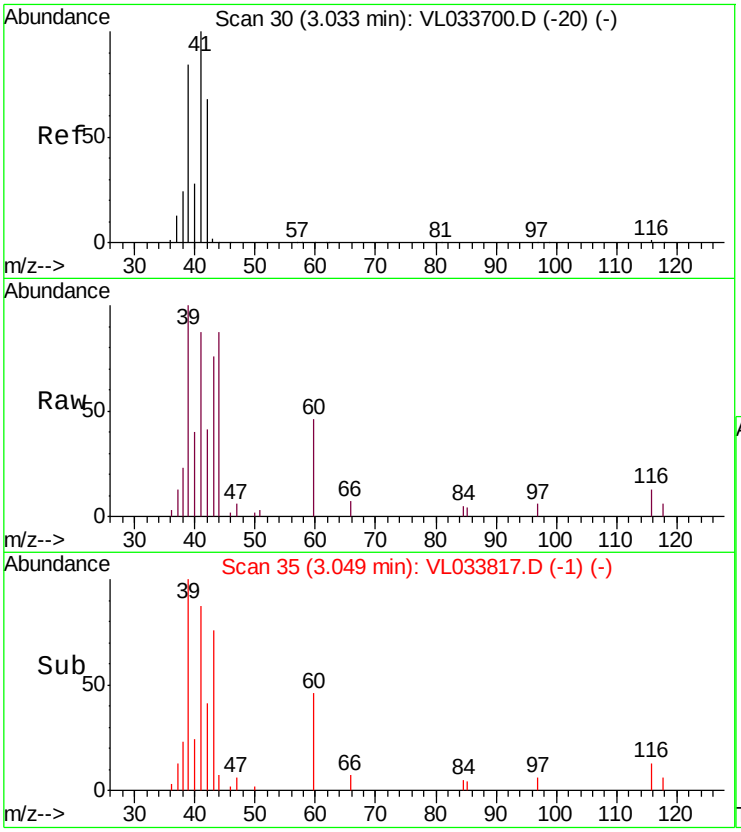


#4
Chloromethane
Concen: 0.023 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion: 50 Resp: 1096

Ion	Ratio	Lower	Upper
50	100		
52	17.6	25.7	38.5#



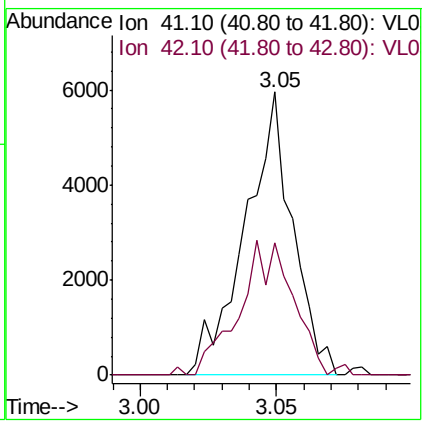


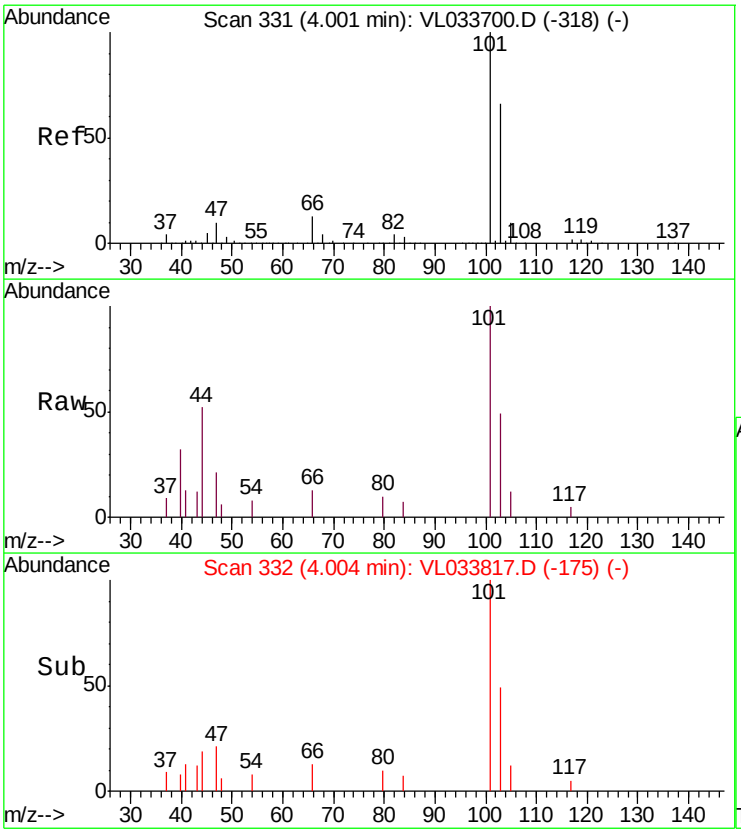
#9
Propene
Concen: 0.200 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.02 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 41 Resp: 7192

Ion	Ratio	Lower	Upper
41	100		
42	54.5	56.1	84.1#

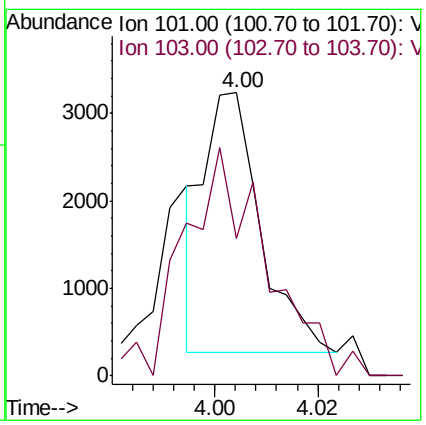


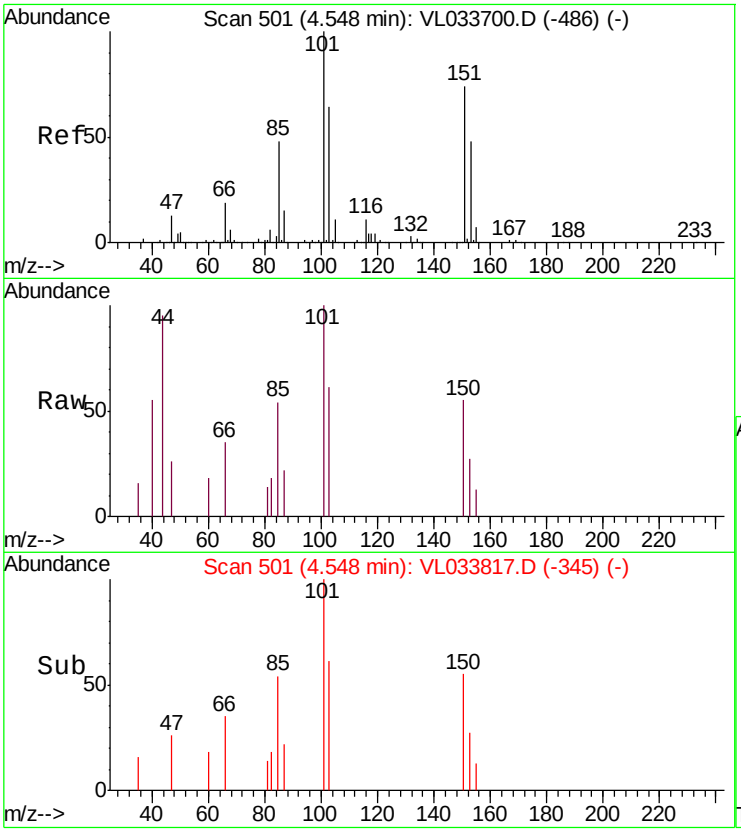


#11
Trichlorofluoromethane
Concen: 0.015 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion:101 Resp: 2244

Ion	Ratio	Lower	Upper
101	100		
103	52.9	52.6	78.8



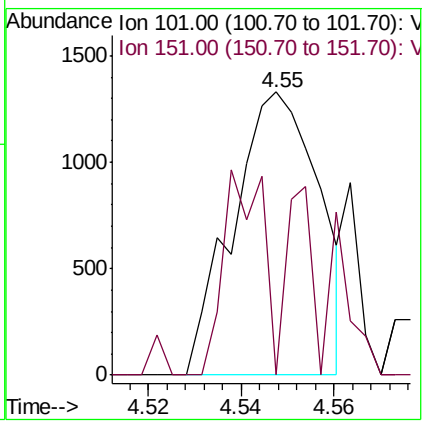


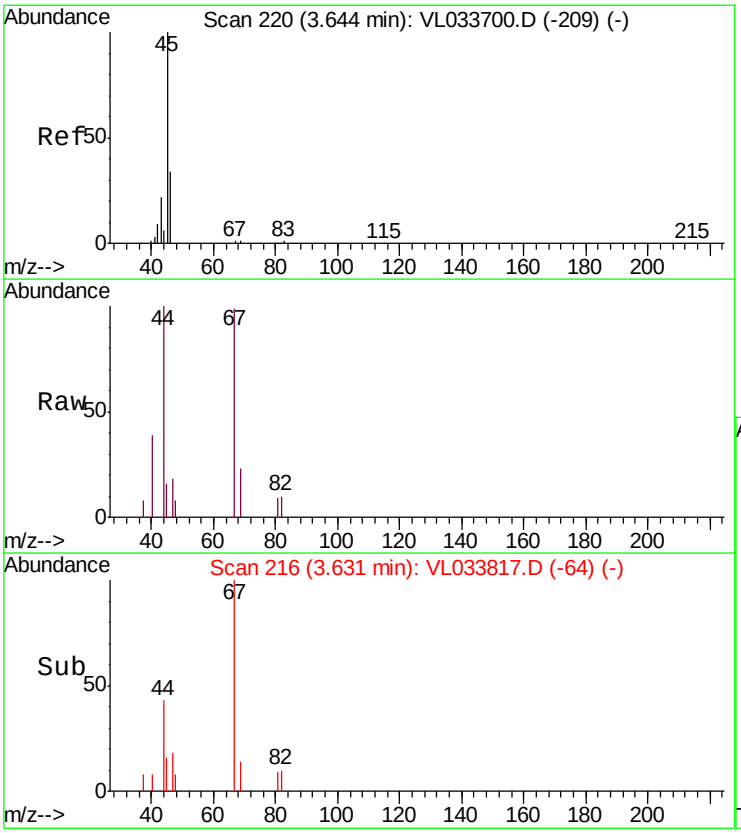
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.017 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion:101 Resp: 1714

Ion	Ratio	Lower	Upper
101	100		
151	67.8	58.2	87.4

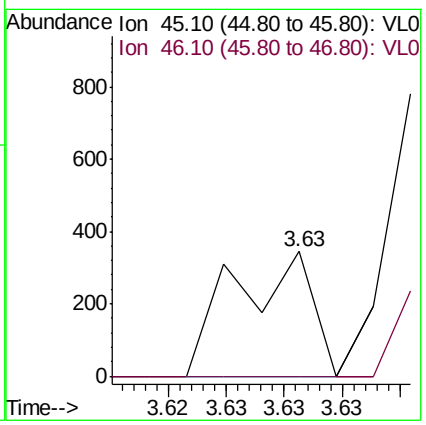


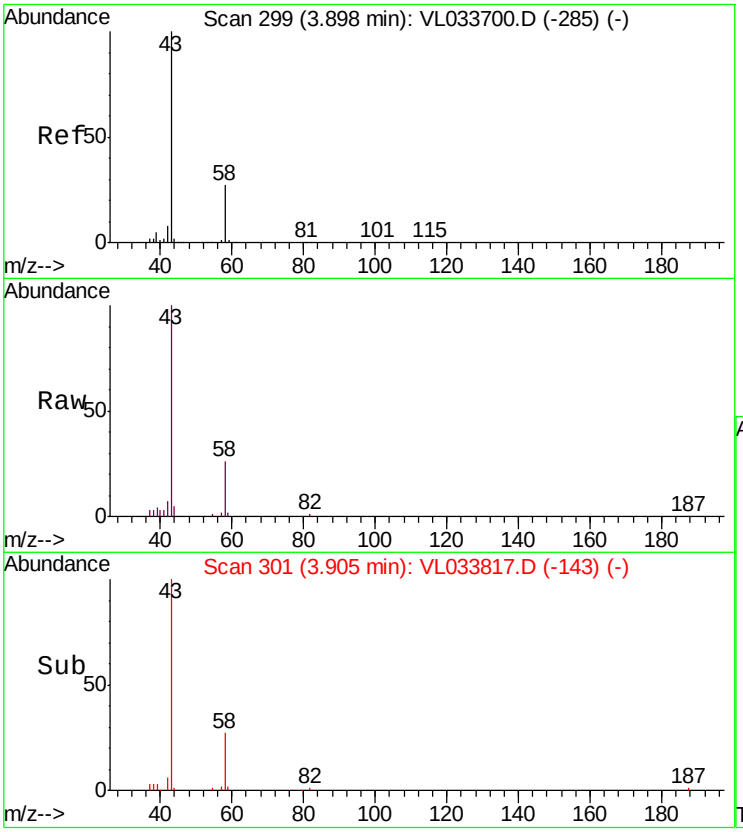


#13
Ethanol
Concen: 0.014 ppbv
RT: 3.63 min Scan# 216
Delta R.T. -0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion: 45 Resp: 160

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#



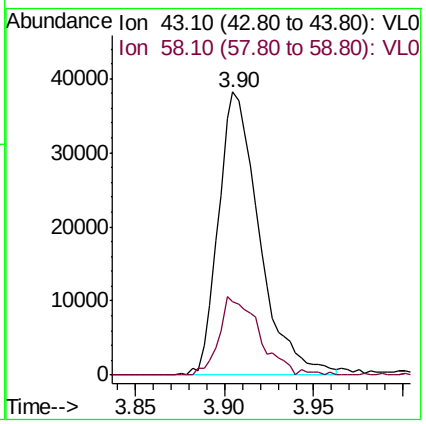


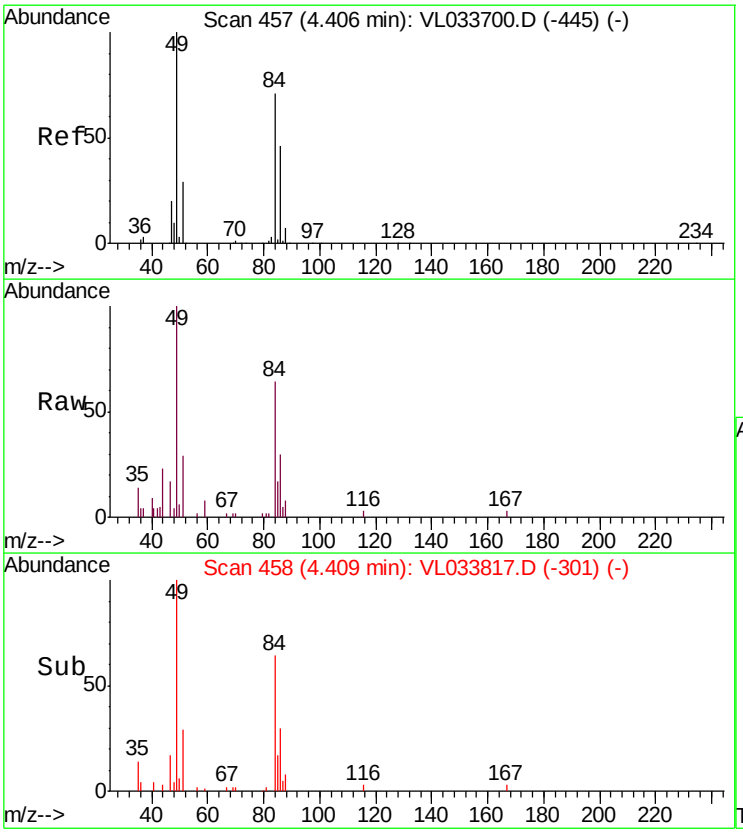
#15
Acetone
Concen: 0.593 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 43 Resp: 60872

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.3	31.9

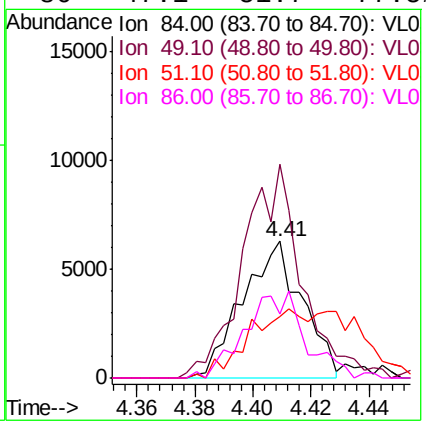


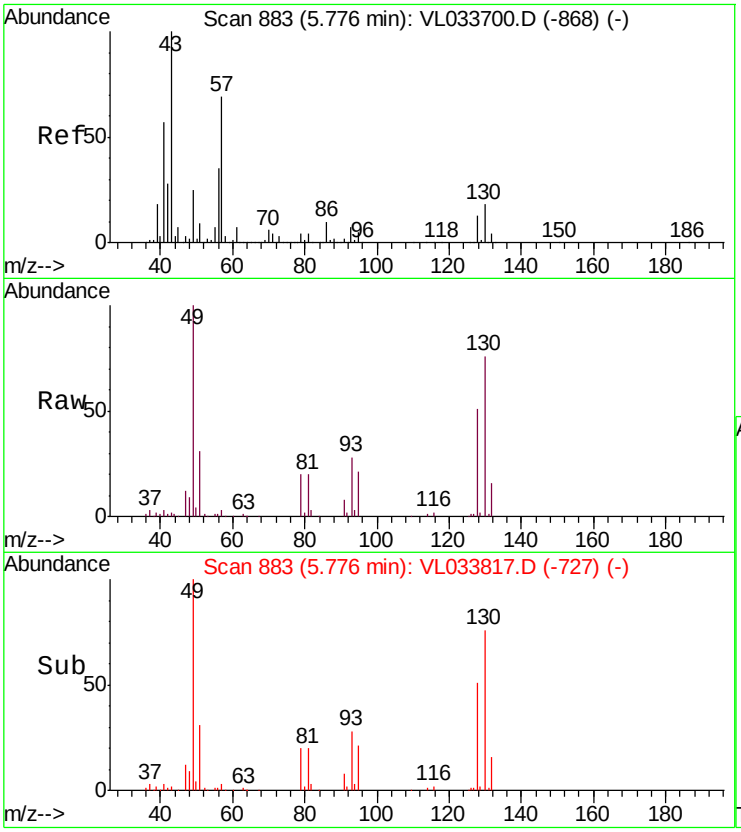


#20
Methylene Chloride
Concen: 0.228 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion: 84 Resp: 8998

Ion	Ratio	Lower	Upper
84	100		
49	152.4	112.8	169.2
51	44.9	33.4	50.0
86	47.1	51.7	77.5#



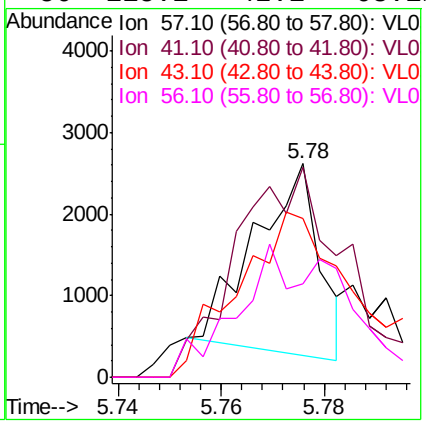


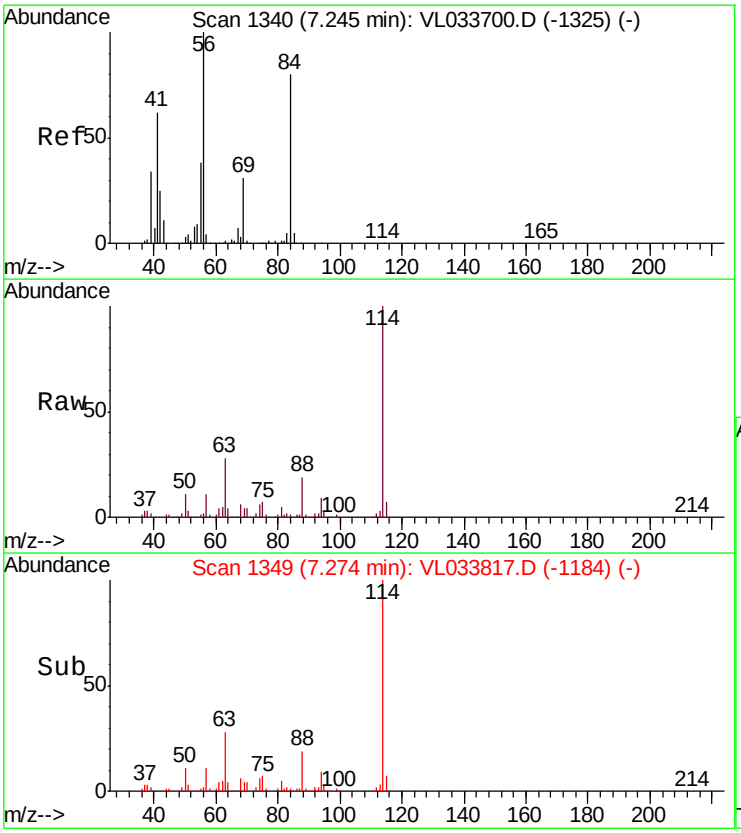
#26
Hexane
Concen: 0.026 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 57 Resp: 2004

Ion	Ratio	Lower	Upper
57	100		
41	191.9	69.8	104.6#
43	177.2	181.8	272.6#
56	115.1	42.1	63.1#

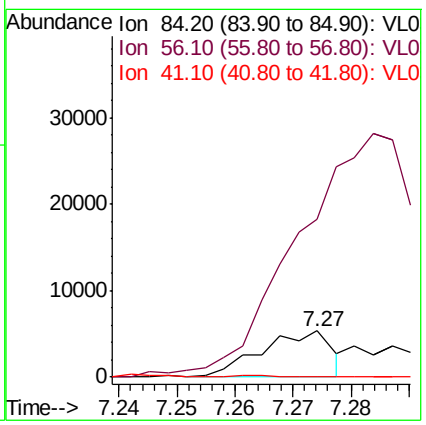


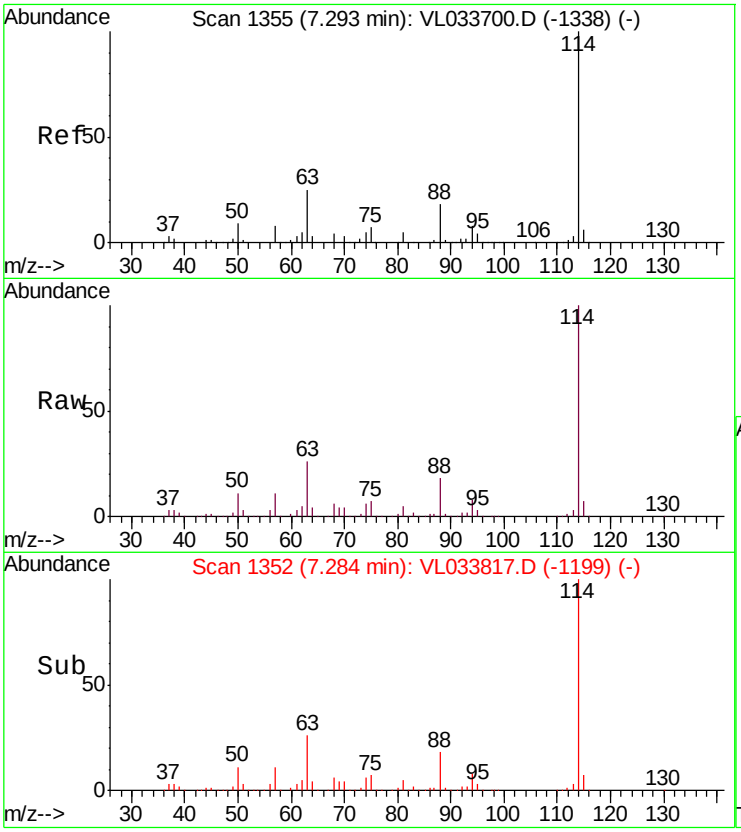


#30
Cyclohexane
Concen: 0.069 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. 0.03 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion: 84 Resp: 4506

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	4.5	66.0	99.0#



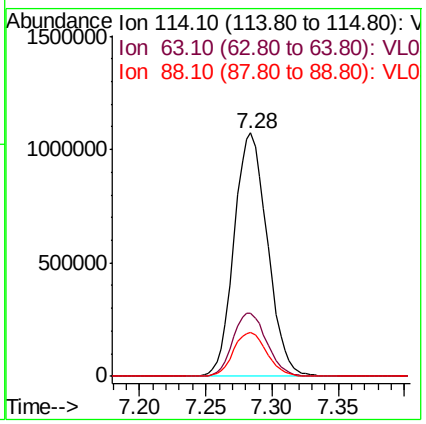


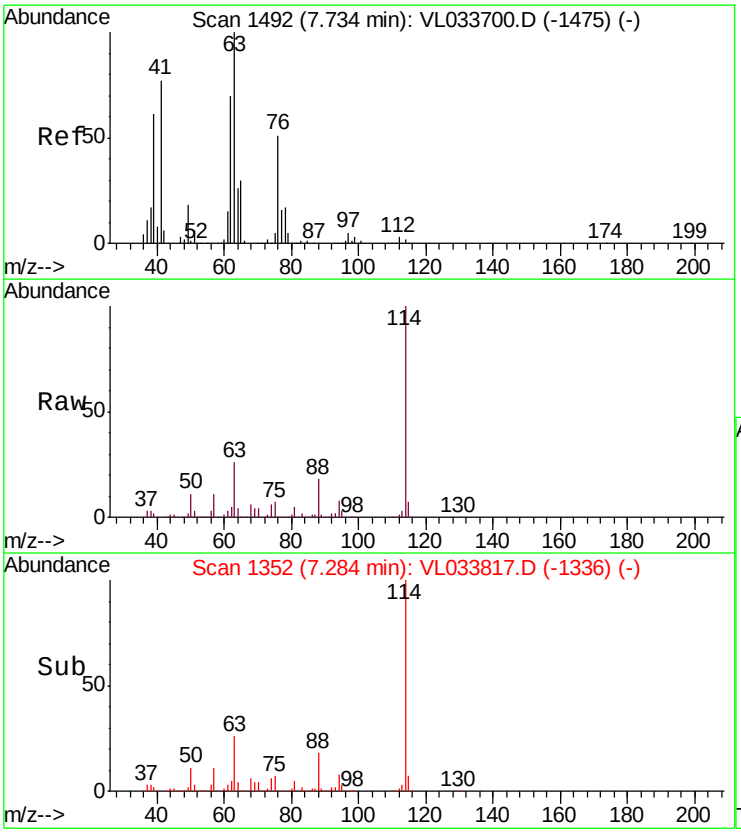
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion:114 Resp: 1877012

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.9	31.3
88	18.3	14.3	21.5

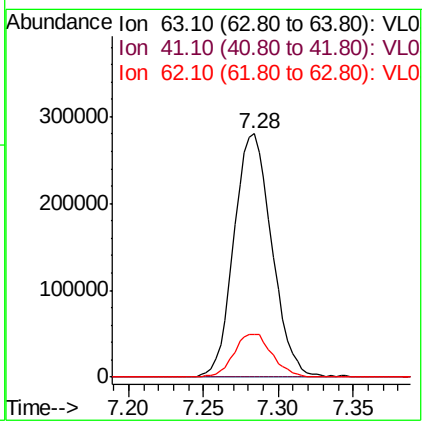


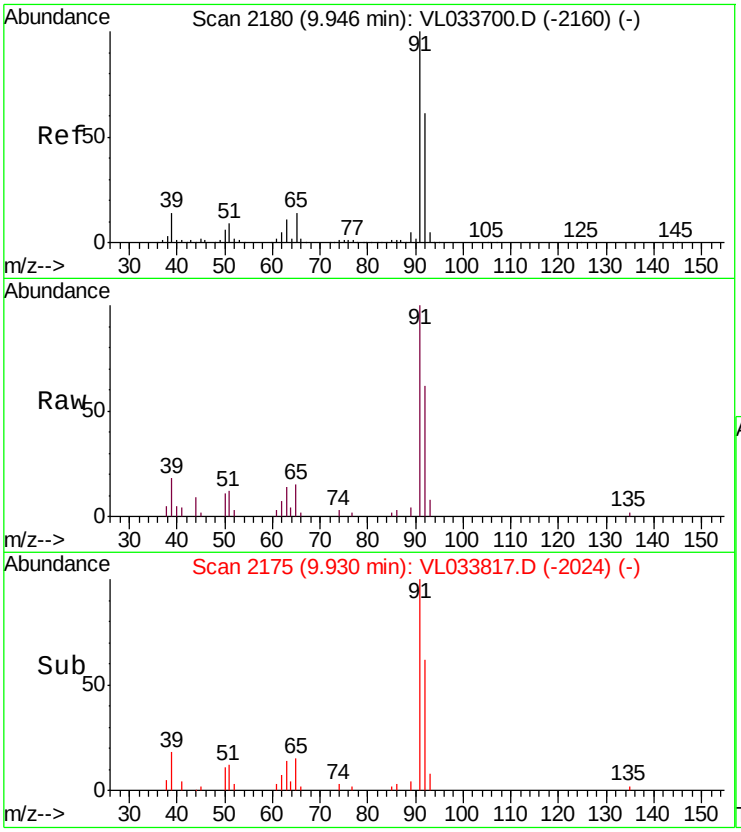


#39
1,2-Dichloropropane
Concen: 7.780 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion: 63 Resp: 495253

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	17.3	56.2	84.4#



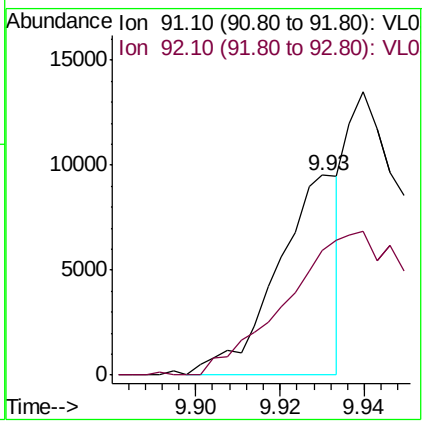


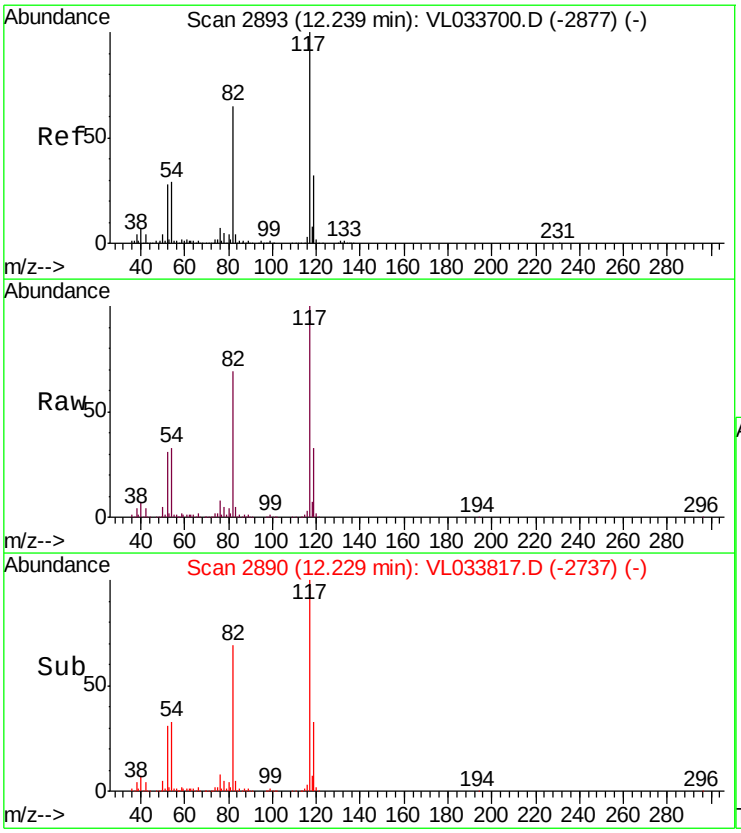
#53
Toluene
Concen: 0.053 ppbv
RT: 9.93 min Scan# 2175
Delta R.T. -0.02 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 91 Resp: 9739

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.6	71.4#

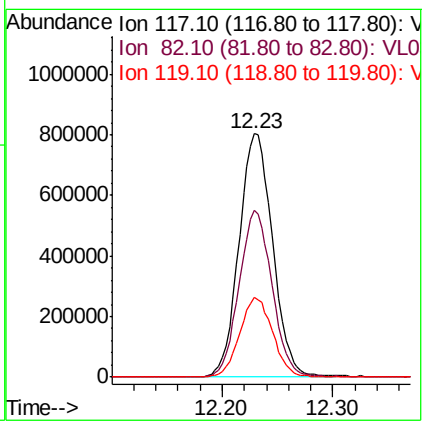


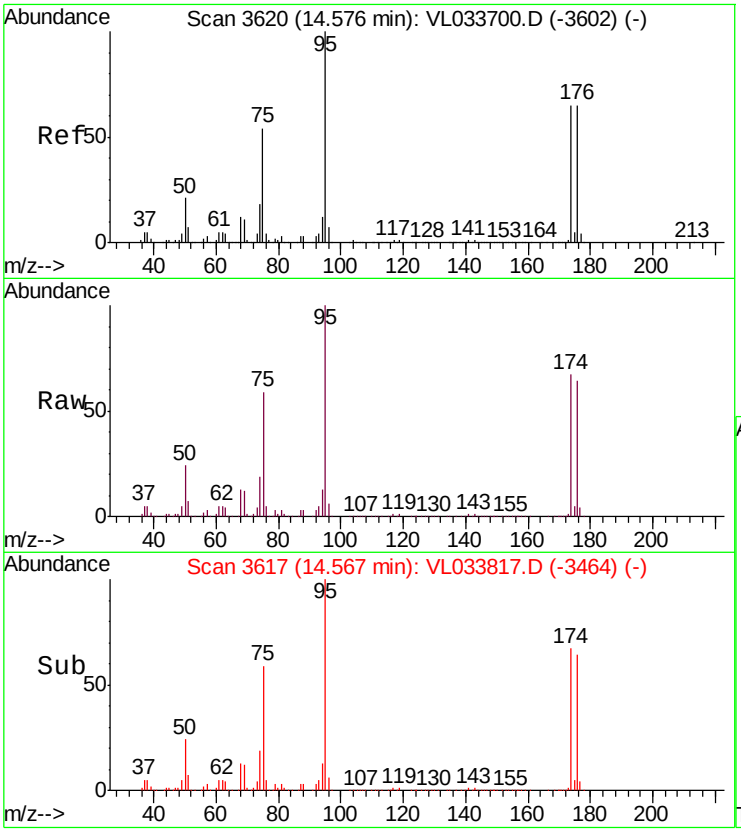


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion:117 Resp: 1696730

Ion	Ratio	Lower	Upper
117	100		
82	67.6	49.4	74.0
119	32.4	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.746 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tgt Ion: 95 Resp: 1478179

Ion	Ratio	Lower	Upper
95	100		
174	65.2	53.9	80.9
175	4.8	3.8	5.8