Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\

Quantitation Report (Not Reviewed)

Data File : VL035660.D
Acq On : 17 Sep 2020 17:27
Operator : SY/AP
Sample : L4016-02DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-14DL2

Quant Time: Sep 18 02:32:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1152254	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4499528	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4449830	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3291545	10.42	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.20%			
Target Compounds						Qvalue
9) Propene	3.01	41	9547	0.194	ppbv	87
10) Heptane	7.88	43	380790	2.886	ppbv #	1
15) Acetone	3.85	43	719403	5.661	ppbv	98
16) 1,3-Butadiene	3.31	39	26687	0.564	ppbv #	6
17) tert-Butyl alcohol	4.33	59	6899	0.045	ppbv #	93
20) Methylene Chloride	4.35	84	23617	0.250	ppbv	92
23) Vinyl Acetate	5.06	43	49916	0.306	ppbv #	25
26) Hexane	5.69	57	8519	0.067	ppbv #	43
27) Carbon Disulfide	4.56	76	9301	0.051	ppbv #	86
29) Chloroform	5.76	83	44717	0.173	ppbv	88
30) Cyclohexane	7.14	84	13910	0.102	ppbv #	17
34) 2-Butanone	5.27	43	48164	0.361	ppbv	100
38) Trichloroethene	7.85	130	39131	0.231	ppbv	95
39) 1,2-Dichloropropane	7.18	63	873281	8.876	ppbv #	32
44) 2,2,4-Trimethylpentane	7.88	57	2390812	6.239	ppbv	98
51) 2-Hexanone	10.18	43	5289	0.033	ppbv #	39
52) Tetrachloroethene	11.24	164	1268252	7.454	ppbv	96
53) Toluene	9.82	91	53289	0.145	ppbv	97

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

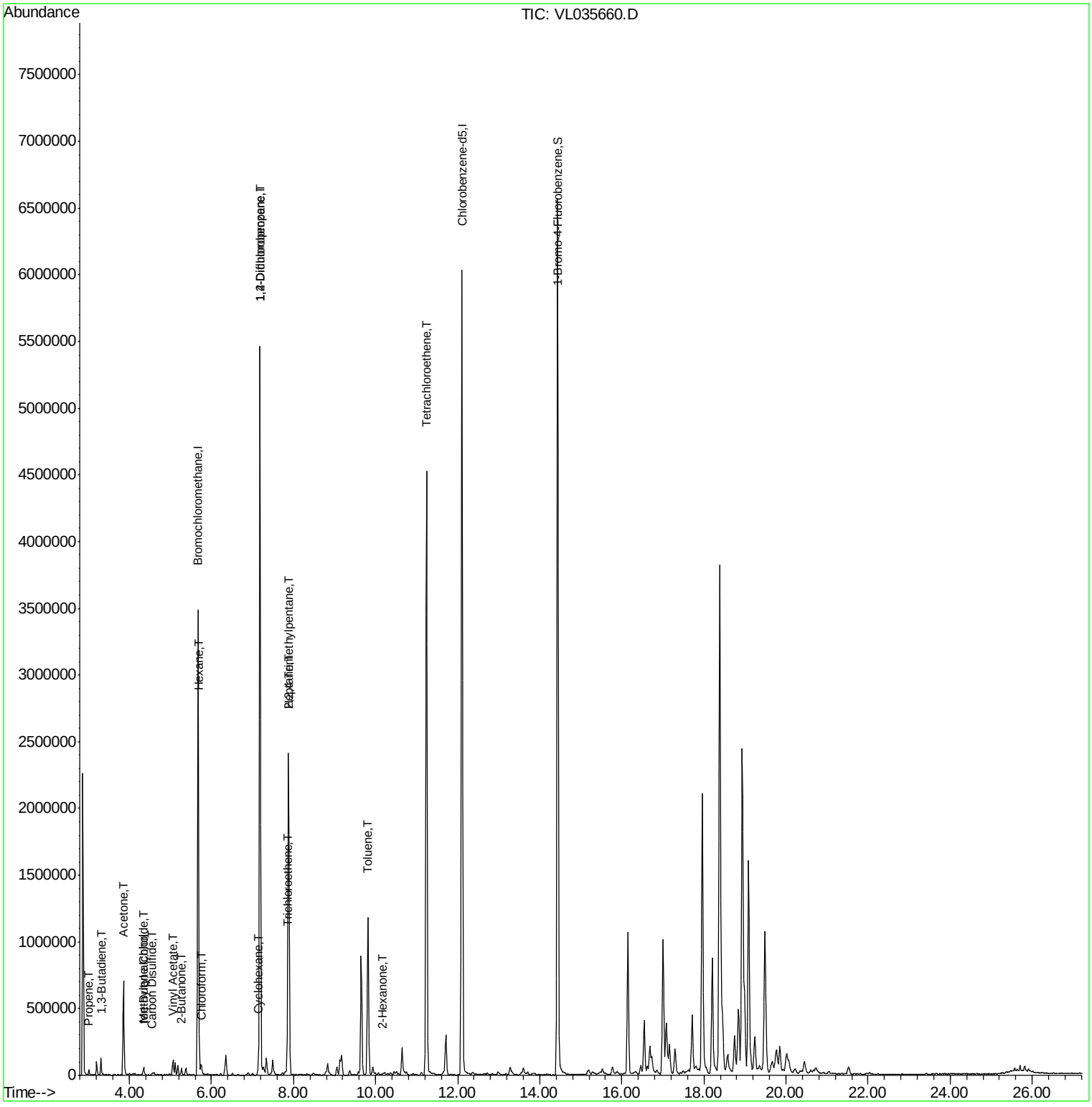
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\

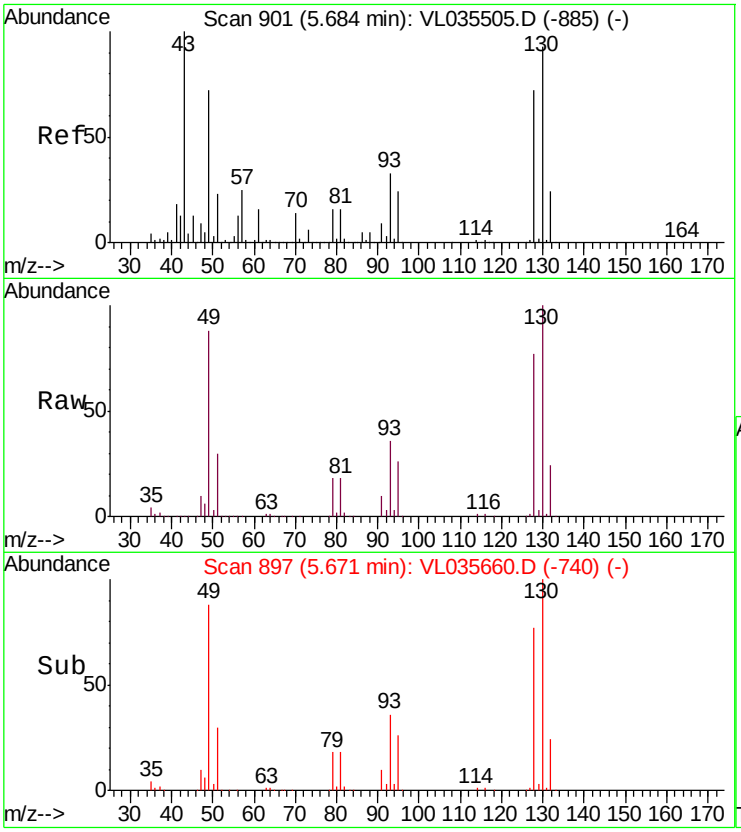
Quantitation Report (Not Reviewed)

Data File : VL035660.D
Acq On : 17 Sep 2020 17:27
Operator : SY/AP
Sample : L4016-02DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-14DL2

Quant Time: Sep 18 02:32:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration



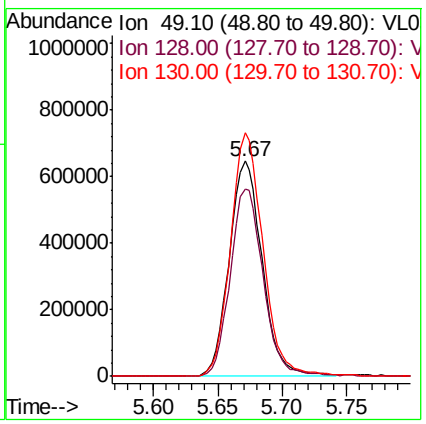


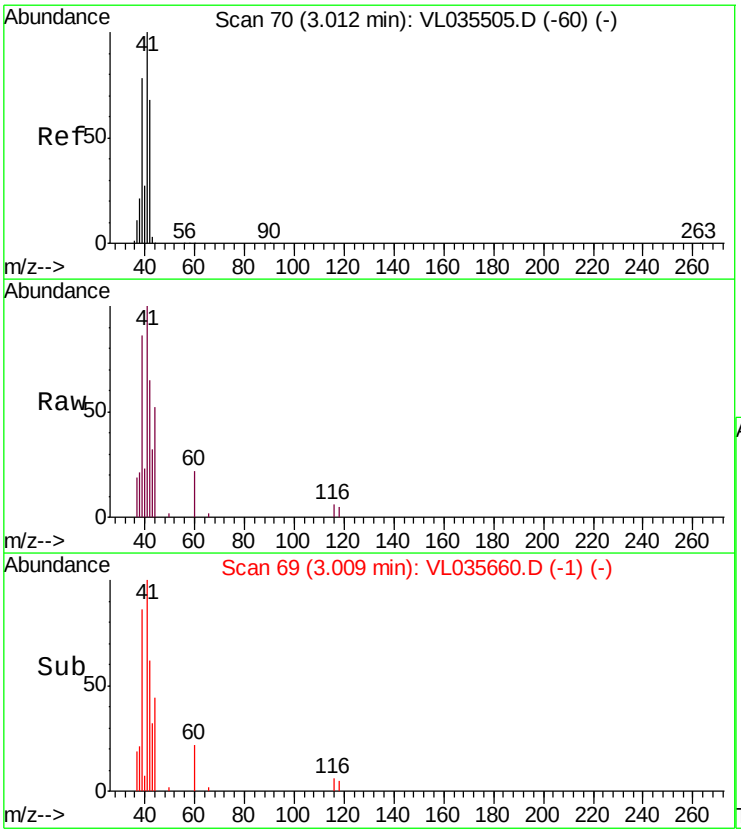
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion: 49 Resp: 1152254

Ion	Ratio	Lower	Upper
49	100		
128	87.7	50.0	150.1
130	111.9	64.4	193.2

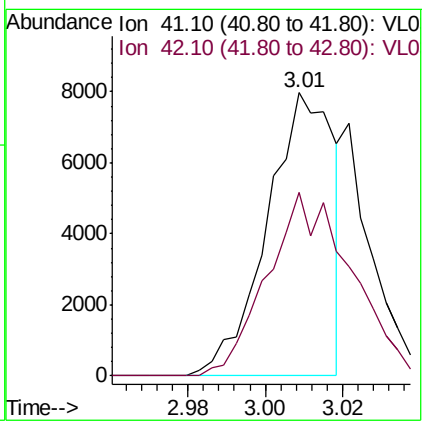


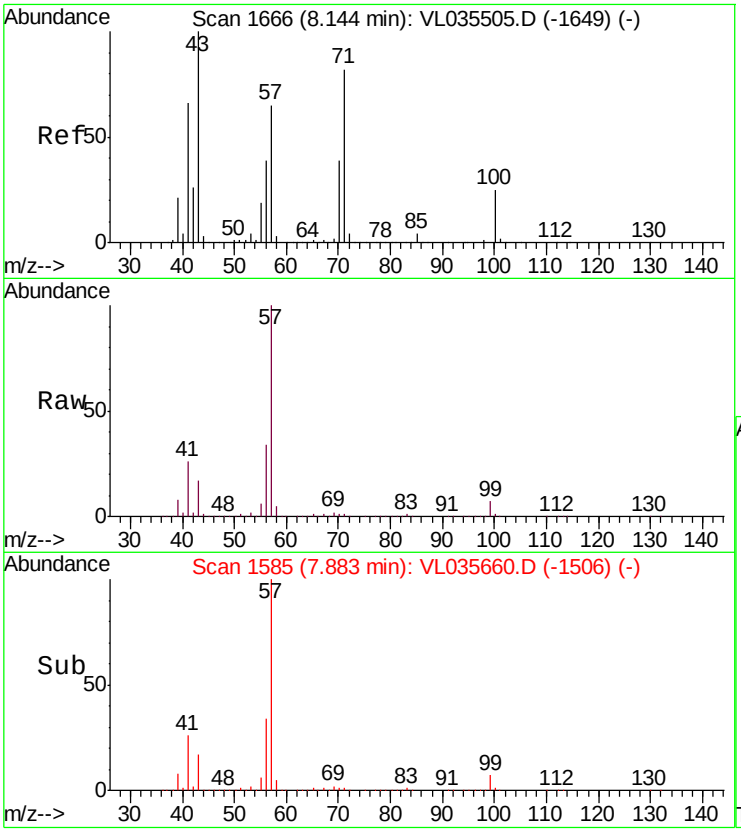


#9
Propene
Concen: 0.194 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 41 Resp: 9547

Ion	Ratio	Lower	Upper
41	100		
42	81.4	56.3	84.5



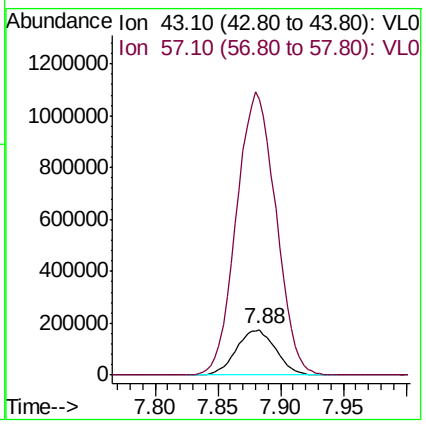


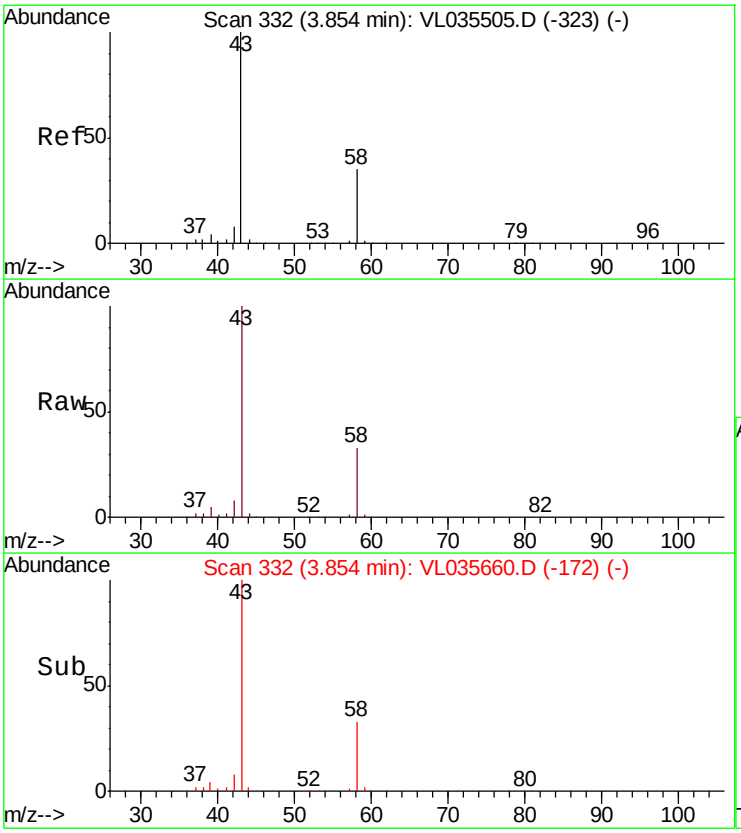
#10
Heptane
Concen: 2.886 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. -0.24 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion: 43 Resp: 380790

Ion	Ratio	Lower	Upper
43	100		
57	628.9	51.4	77.0#

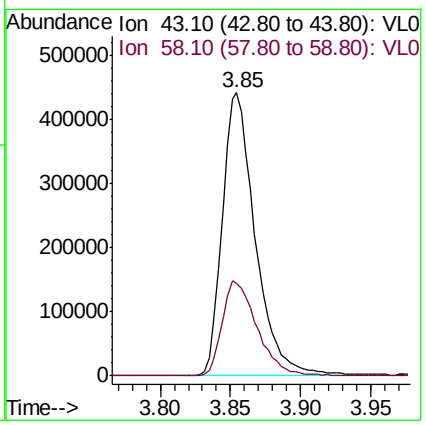


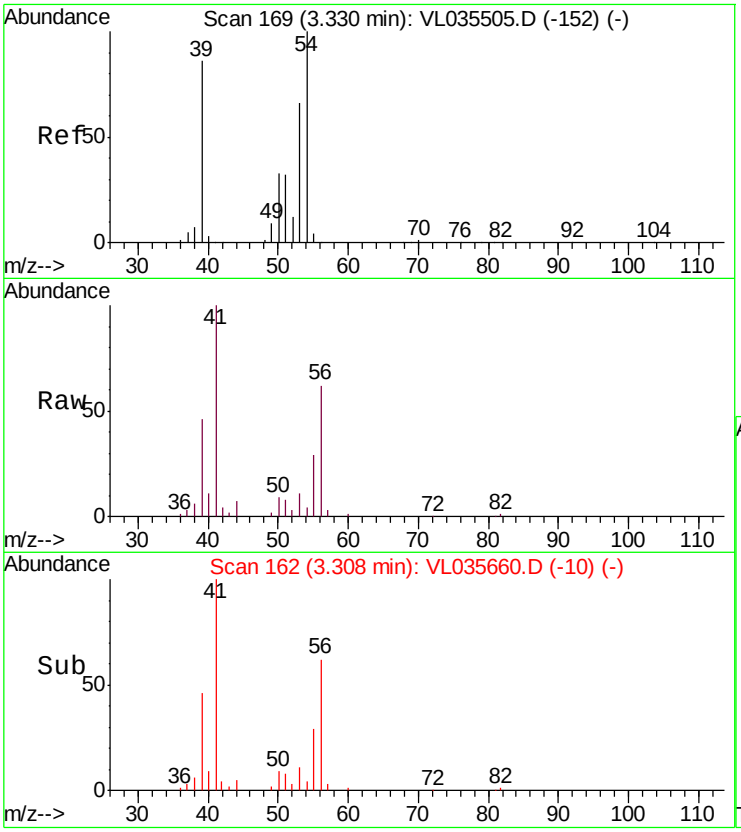


#15
Acetone
Concen: 5.661 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 43 Resp: 719403

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.4	42.6



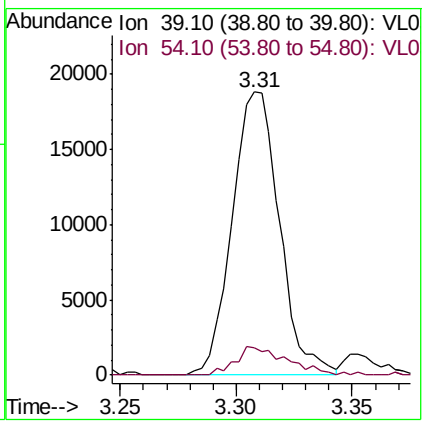


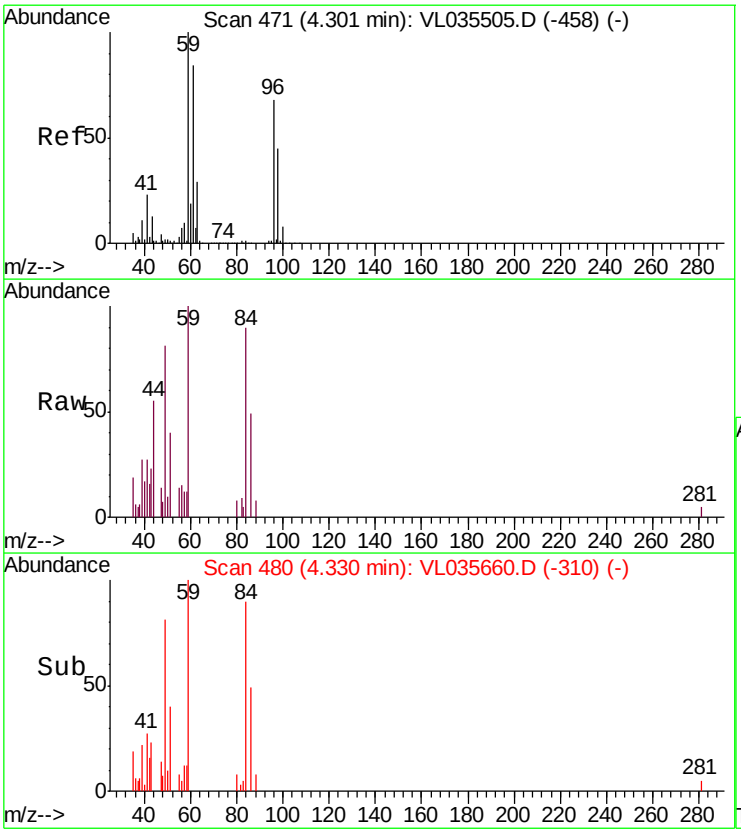
#16
1,3-Butadiene
Concen: 0.564 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion: 39 Resp: 26687

Ion	Ratio	Lower	Upper
39	100		
54	11.2	88.4	132.6#

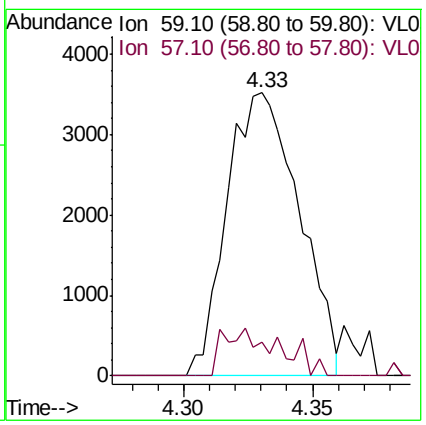


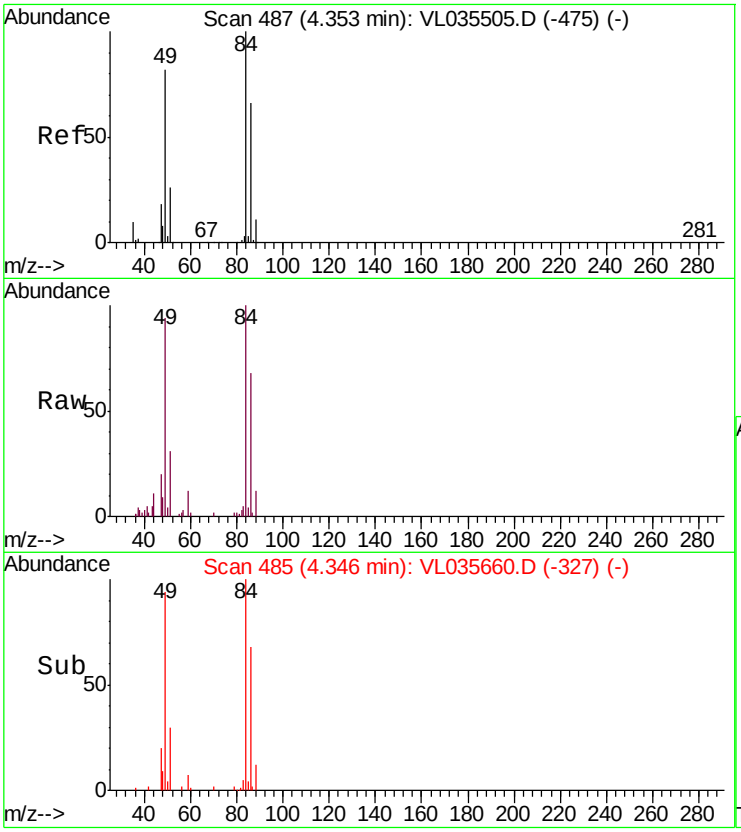


#17
tert-Butyl alcohol
Concen: 0.045 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.05 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 59 Resp: 6899

Ion	Ratio	Lower	Upper
59	100		
57	13.0	8.4	12.6#



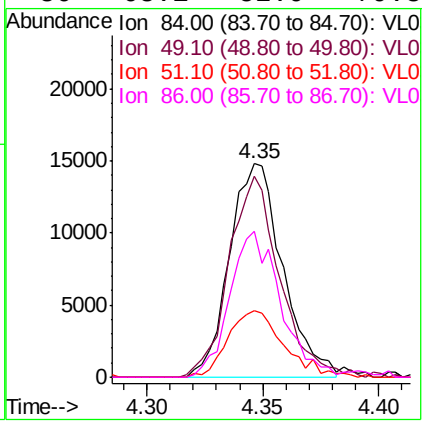


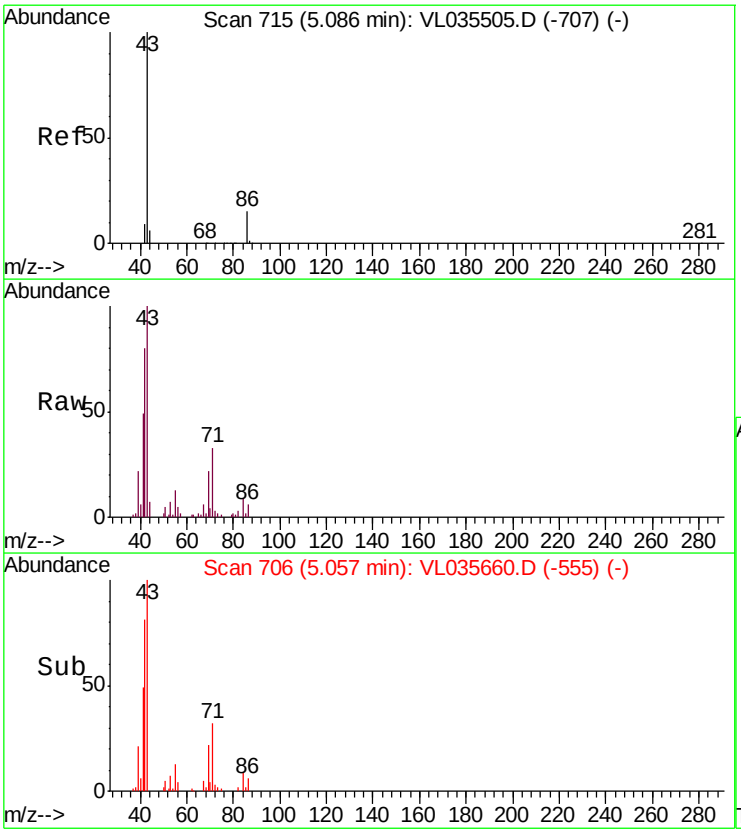
#20
Methylene Chloride
Concen: 0.250 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion: 84 Resp: 23617

Ion	Ratio	Lower	Upper
84	100		
49	93.1	65.4	98.0
51	31.3	21.5	32.3
86	68.1	52.9	79.3

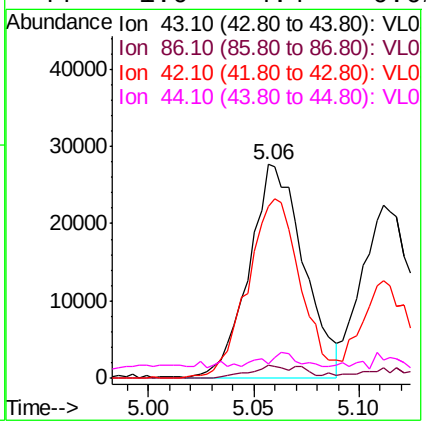


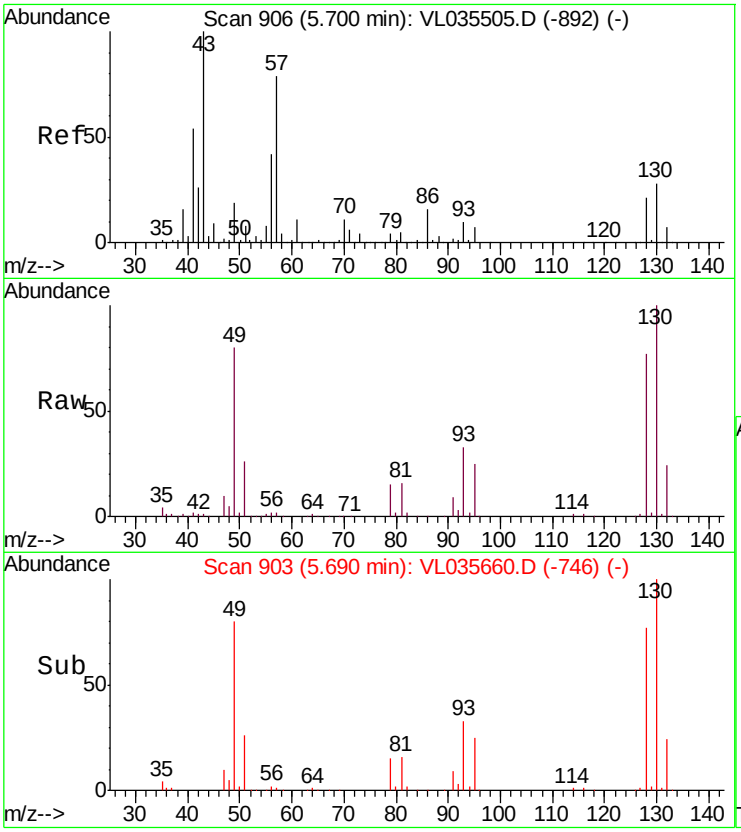


#23
Vinyl Acetate
Concen: 0.306 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 43 Resp: 49916

Ion	Ratio	Lower	Upper
43	100		
86	5.9	10.6	16.0#
42	79.3	7.5	11.3#
44	1.0	4.4	6.6#



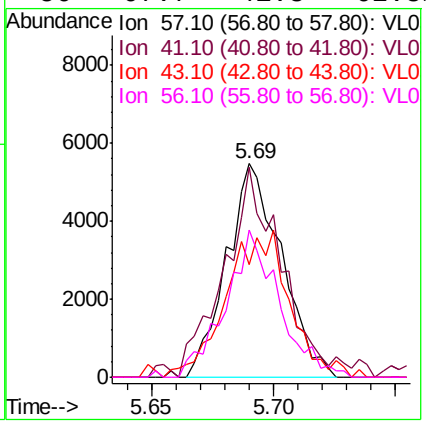


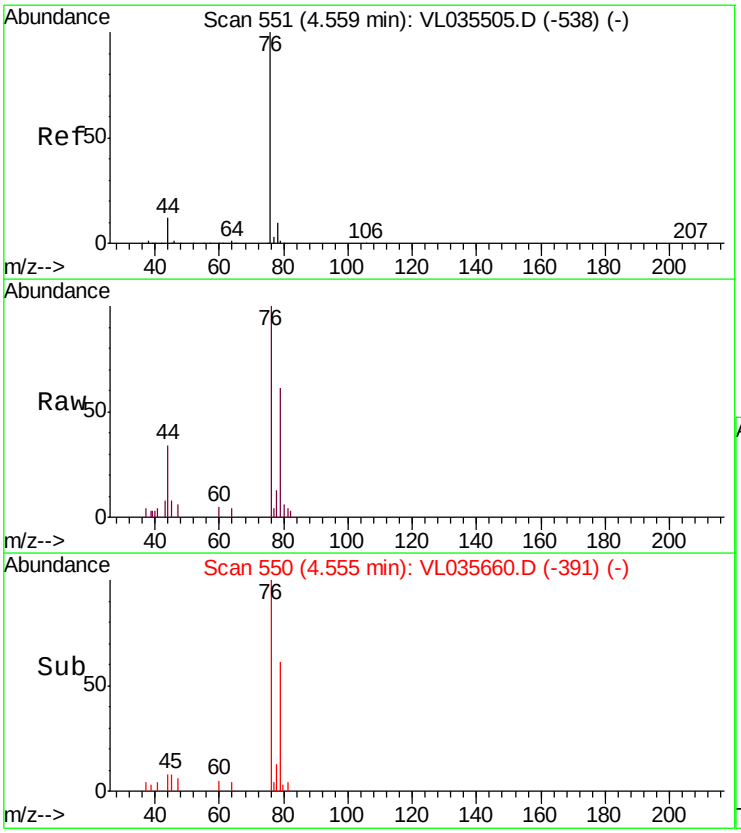
#26
Hexane
Concen: 0.067 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument : MSVOA_L
ClientSampleId : SV-14DL2

Tgt Ion: 57 Resp: 8519

Ion	Ratio	Lower	Upper
57	100		
41	113.5	55.9	83.9#
43	80.2	141.8	212.8#
56	67.7	41.8	62.8#

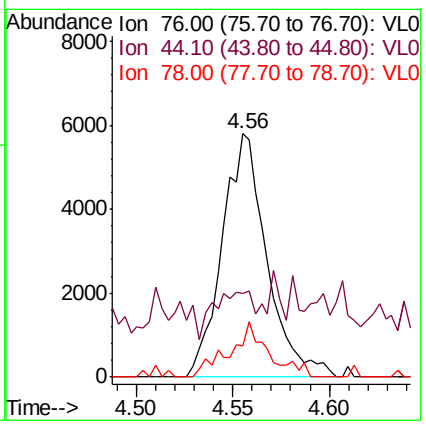


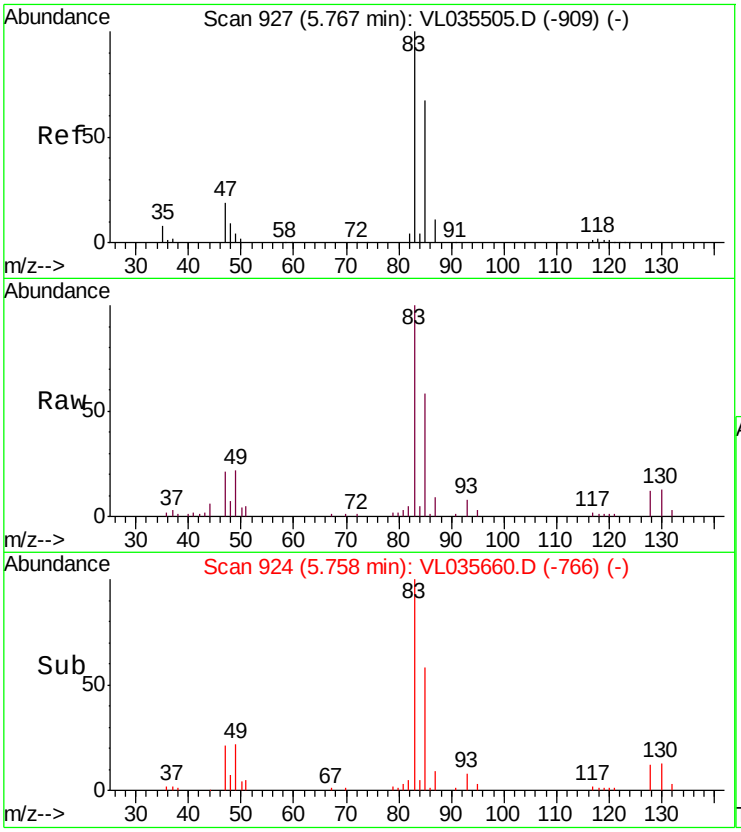


#27
Carbon Disulfide
Concen: 0.051 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 76 Resp: 9301

Ion	Ratio	Lower	Upper
76	100		
44	12.7	9.3	13.9
78	19.6	7.8	11.6#



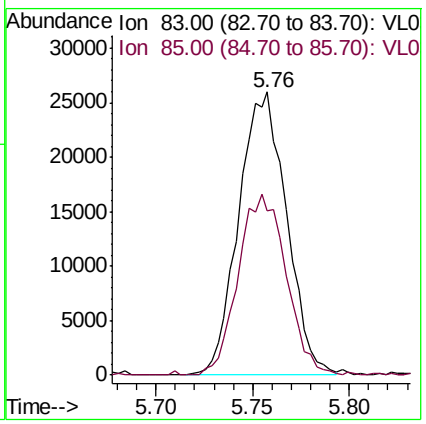


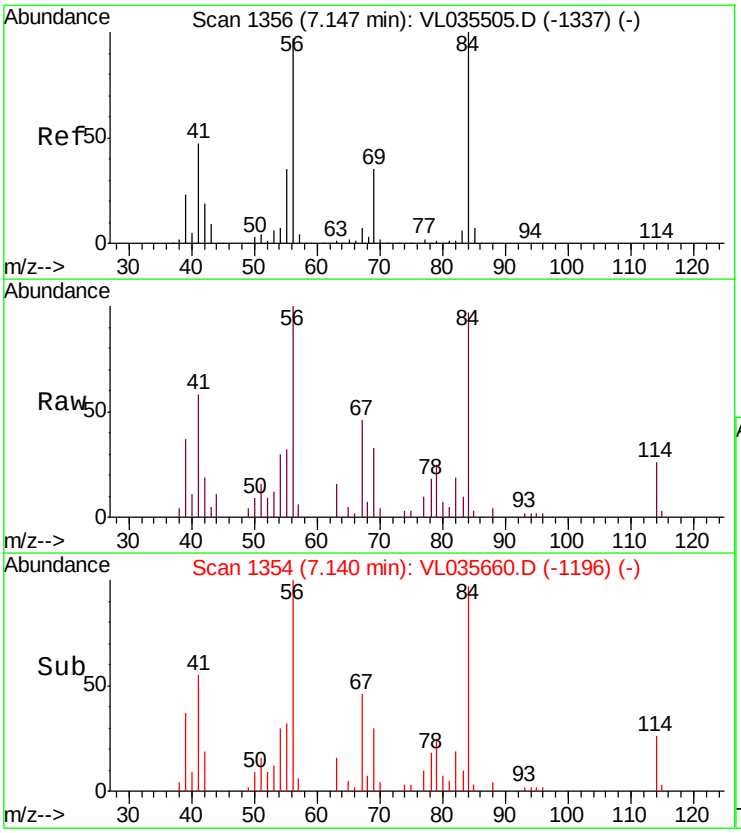
#29
Chloroform
Concen: 0.173 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion: 83 Resp: 44717

Ion	Ratio	Lower	Upper
83	100		
85	58.1	53.9	80.9

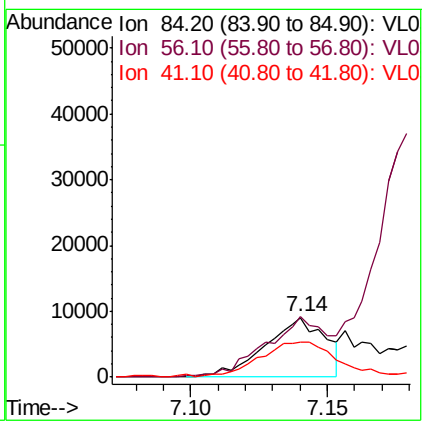


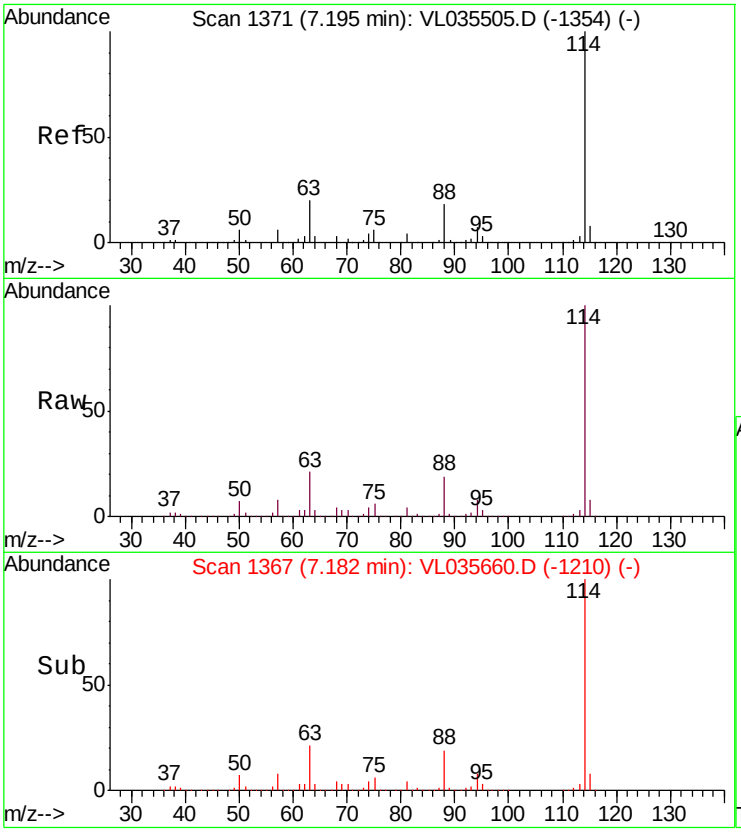


#30
Cyclohexane
Concen: 0.102 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 84 Resp: 13910

Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	80.2	38.1	57.1#



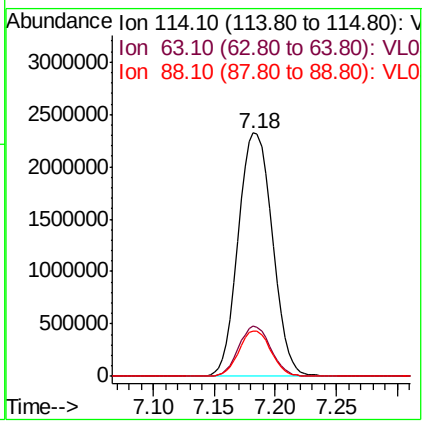


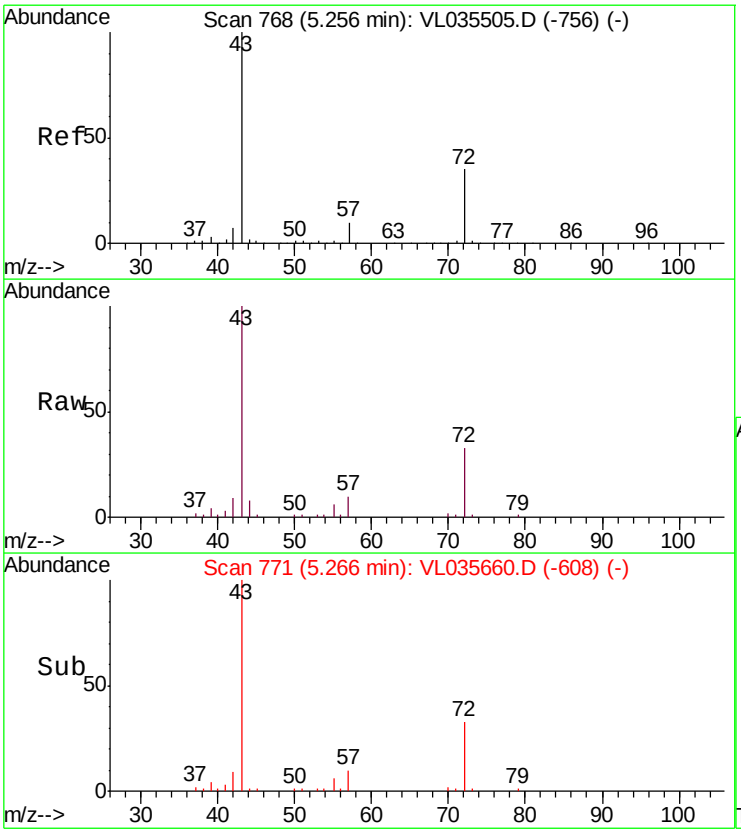
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion:114 Resp: 4499528

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.7	22.1
88	17.6	13.4	20.2

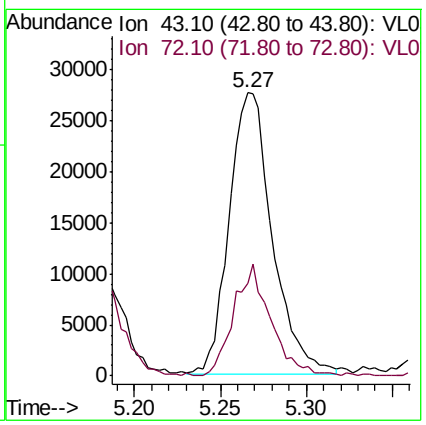


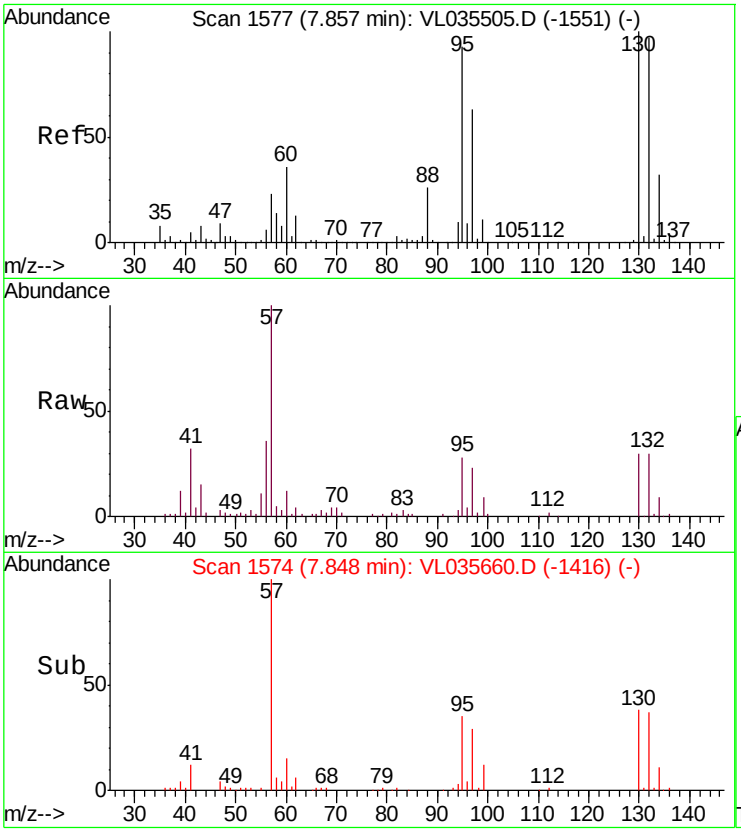


#34
2-Butanone
Concen: 0.361 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.03 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 43 Resp: 48164

Ion	Ratio	Lower	Upper
43	100		
72	34.4	27.7	41.5



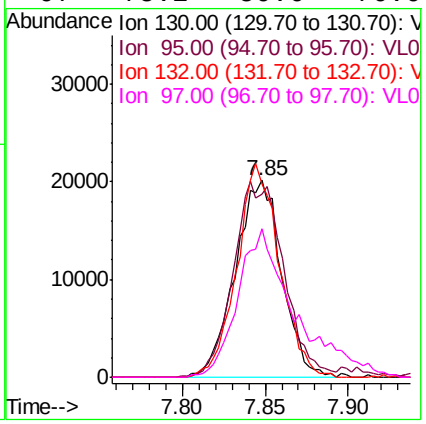


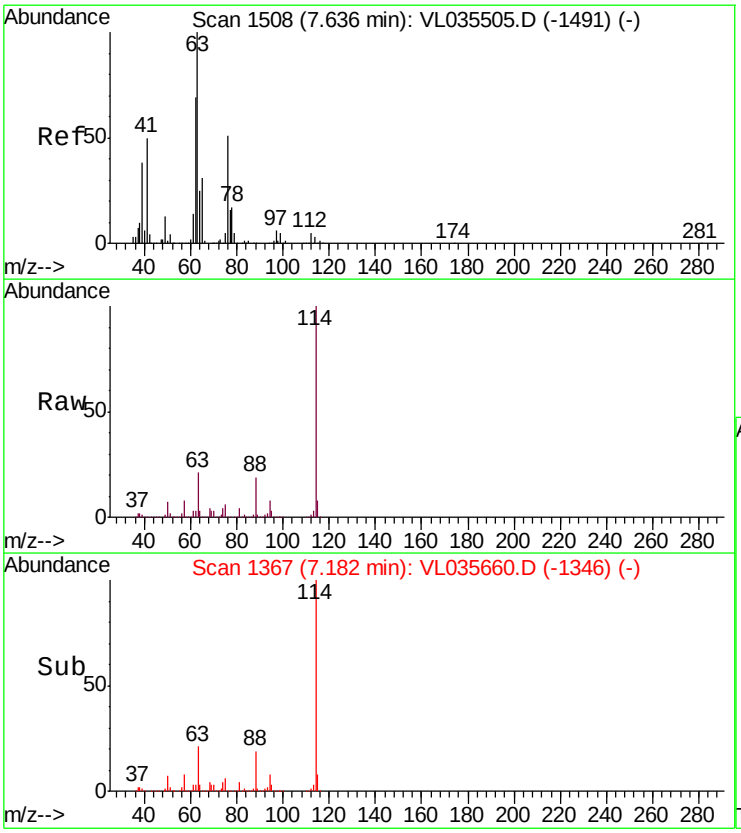
#38
Trichloroethene
Concen: 0.231 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument : MSVOA_L
ClientSampleId : SV-14DL2

Tgt Ion:130 Resp: 39131

Ion	Ratio	Lower	Upper
130	100		
95	92.3	74.6	112.0
132	98.5	77.6	116.4
97	75.2	50.6	76.0

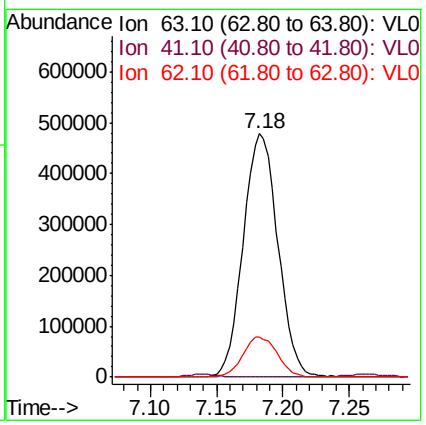


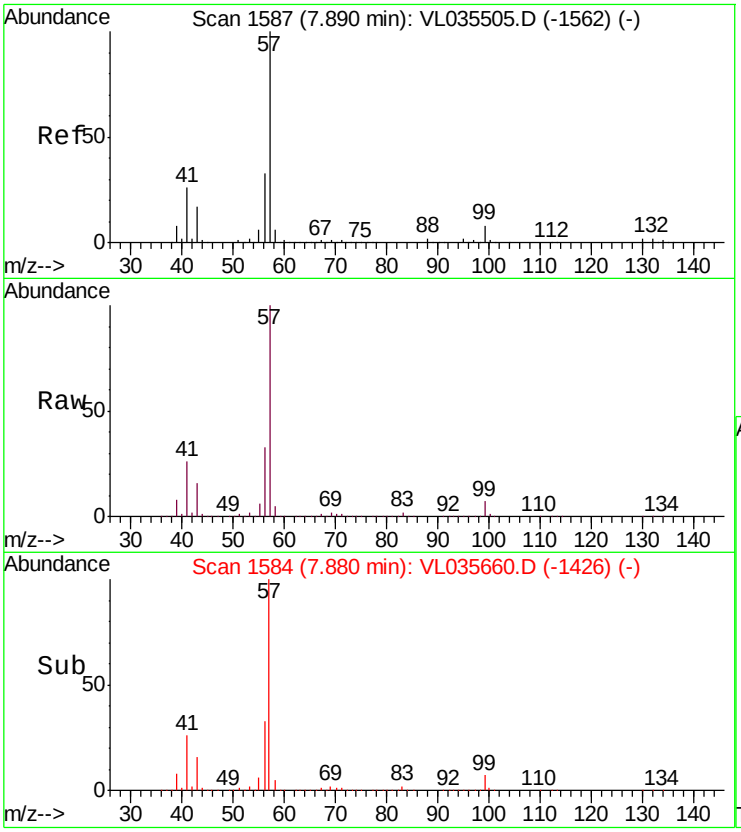


#39
1,2-Dichloropropane
Concen: 8.876 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.43 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 63 Resp: 873281

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.2	55.4	83.0#



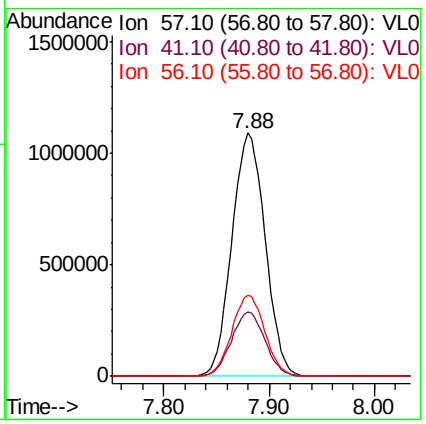


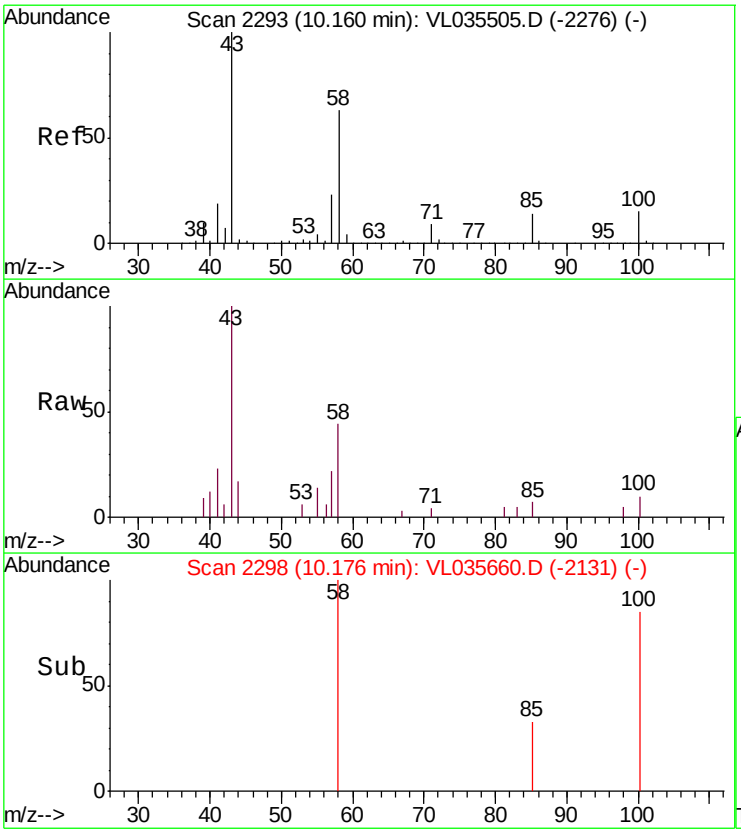
#44
2,2,4-Trimethylpentane
Concen: 6.239 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument :
MSVOA_L
ClientSampleId :
SV-14DL2

Tgt Ion: 57 Resp: 2390812

Ion	Ratio	Lower	Upper
57	100		
41	26.6	20.5	30.7
56	33.1	25.3	37.9

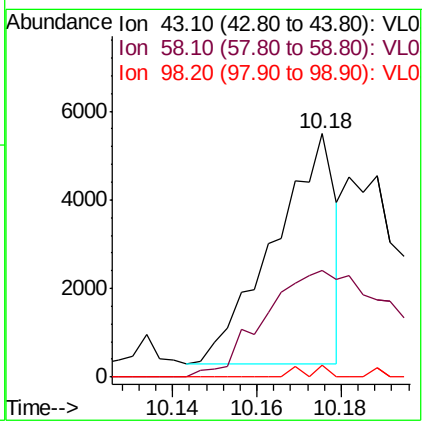


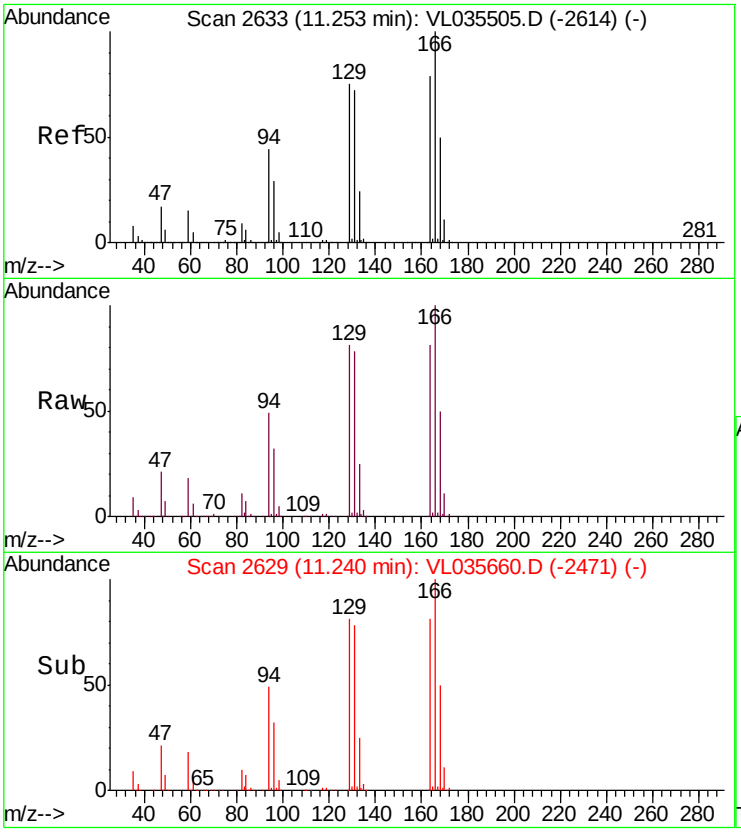


#51
2-Hexanone
Concen: 0.033 ppbv
RT: 10.18 min Scan# 2298
Delta R.T. 0.04 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 43 Resp: 5289

Ion	Ratio	Lower	Upper
43	100		
58	110.3	50.2	75.4#
98	2.6	0.4	0.6#



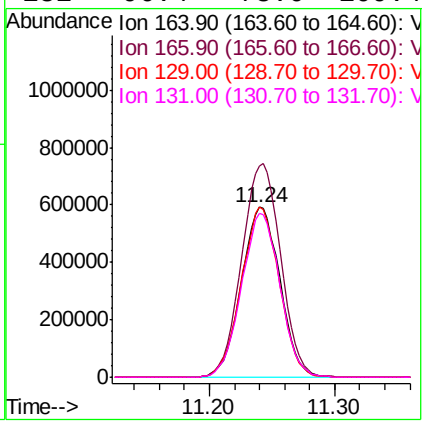


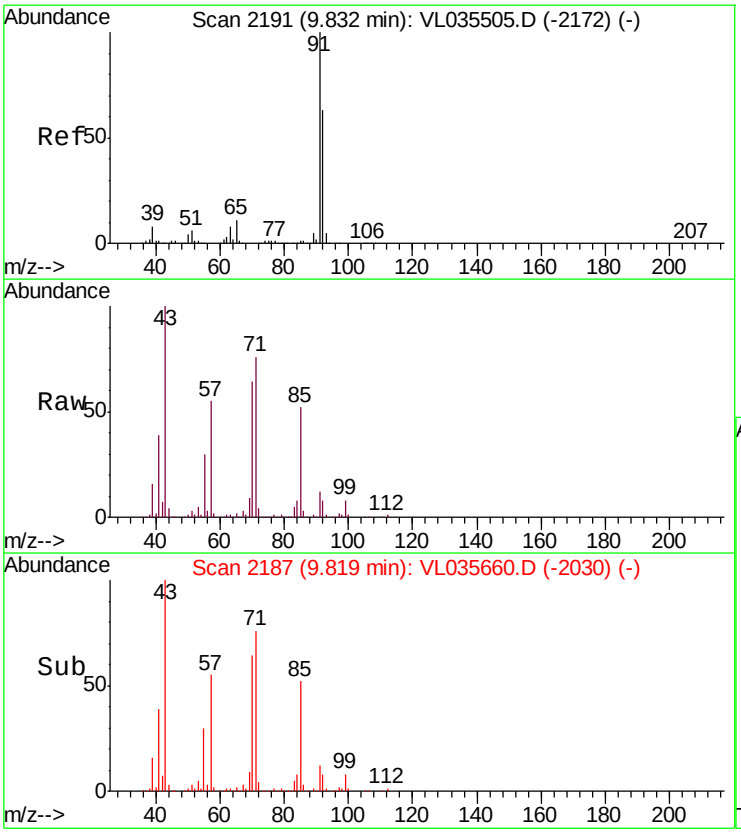
#52
Tetrachloroethene
Concen: 7.454 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument : MSVOA_L
ClientSampleId : SV-14DL2

Tgt Ion:164 Resp: 1268252

Ion	Ratio	Lower	Upper
164	100		
166	123.9	100.9	151.3
129	100.1	75.3	112.9
131	96.4	73.0	109.4

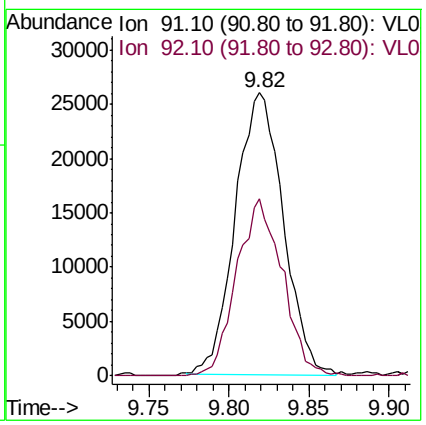


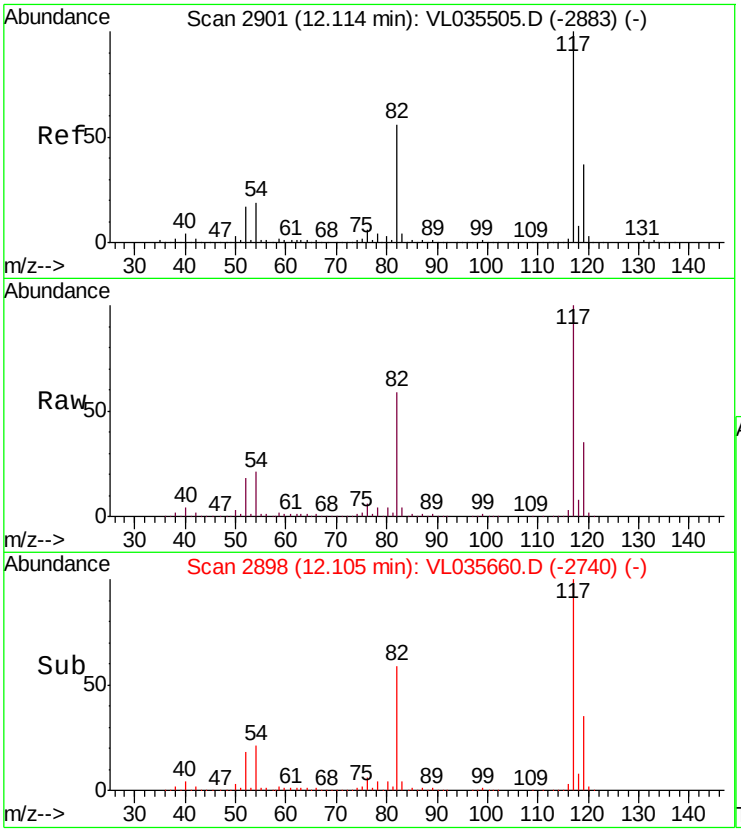


#53
Toluene
Concen: 0.145 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 91 Resp: 53289

Ion	Ratio	Lower	Upper
91	100		
92	59.9	49.8	74.8



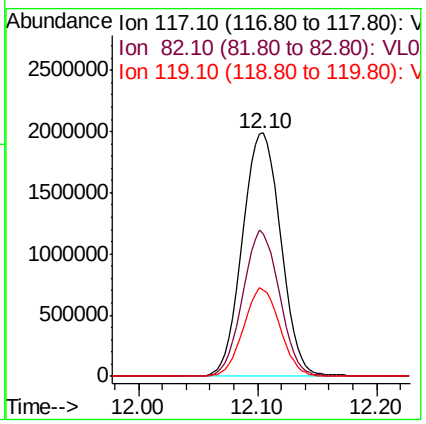


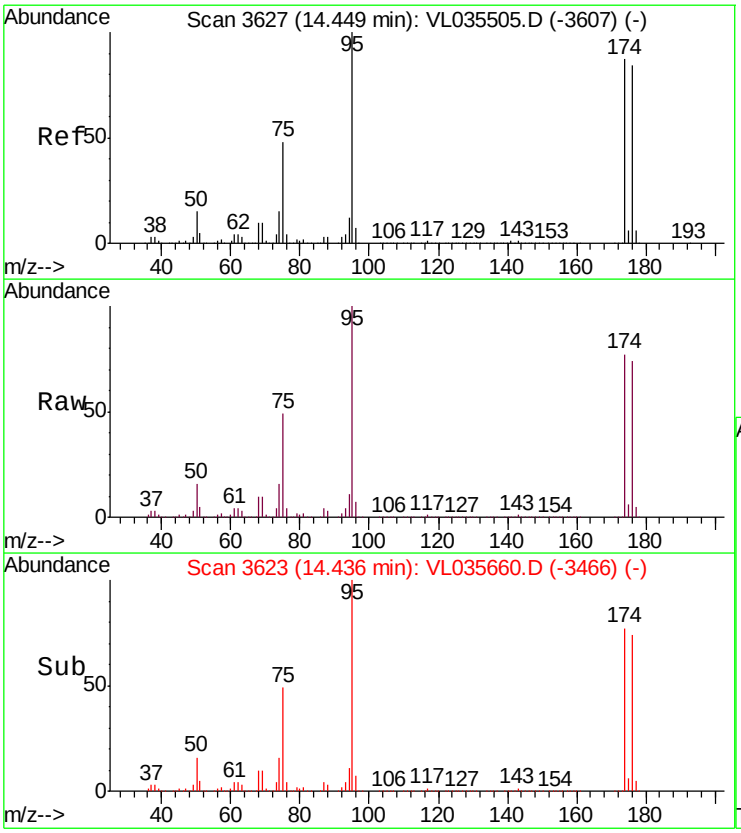
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Instrument : MSVOA_L
ClientSampleId : SV-14DL2

Tgt Ion:117 Resp: 4449830

Ion	Ratio	Lower	Upper
117	100		
82	57.8	41.6	62.4
119	34.6	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.416 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL035660.D
Acq: 17 Sep 2020 17:27

Tgt Ion: 95 Resp: 3291545

Ion	Ratio	Lower	Upper
95	100		
174	77.2	69.6	104.4
175	5.6	5.1	7.7