Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\

Quantitation Report (Not Reviewed)

Data File : VL036005.D
Acq On : 24 Nov 2020 22:23
Operator : SY/AP
Sample : L4843-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVP-02DL

Quant Time: Nov 25 00:37:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1385042	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.14	114	4857357	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.05	117	4493406	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	3300663	10.34	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.40%				
Target Compounds							Qvalue
9) Propene	3.18	41	380088	6.261	ppbv		90
10) Heptane	8.09	43	61000	0.364	ppbv		95
13) Ethanol	3.59	45	1236	0.094	ppbv	#	35
15) Acetone	3.84	43	544575	3.678	ppbv	#	57
16) 1,3-Butadiene	3.28	39	119405	1.873	ppbv	#	14
20) Methylene Chloride	4.31	84	44902	0.431	ppbv		96
21) Allyl Chloride	4.34	41	6838	0.085	ppbv	#	1
23) Vinyl Acetate	5.03	43	28241	0.136	ppbv	#	1
25) Ethyl Acetate	5.65	43	182326	0.625	ppbv	#	73
26) Hexane	5.66	57	309198	1.922	ppbv	#	44
27) Carbon Disulfide	4.52	76	29820	0.124	ppbv	#	81
32) 1,1,1-Trichloroethane	6.48	97	281255	0.852	ppbv		97
39) 1,2-Dichloropropane	7.14	63	1020463	8.394	ppbv	#	32
41) Tetrahydrofuran	5.95	42	6373	0.071	ppbv	#	25

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

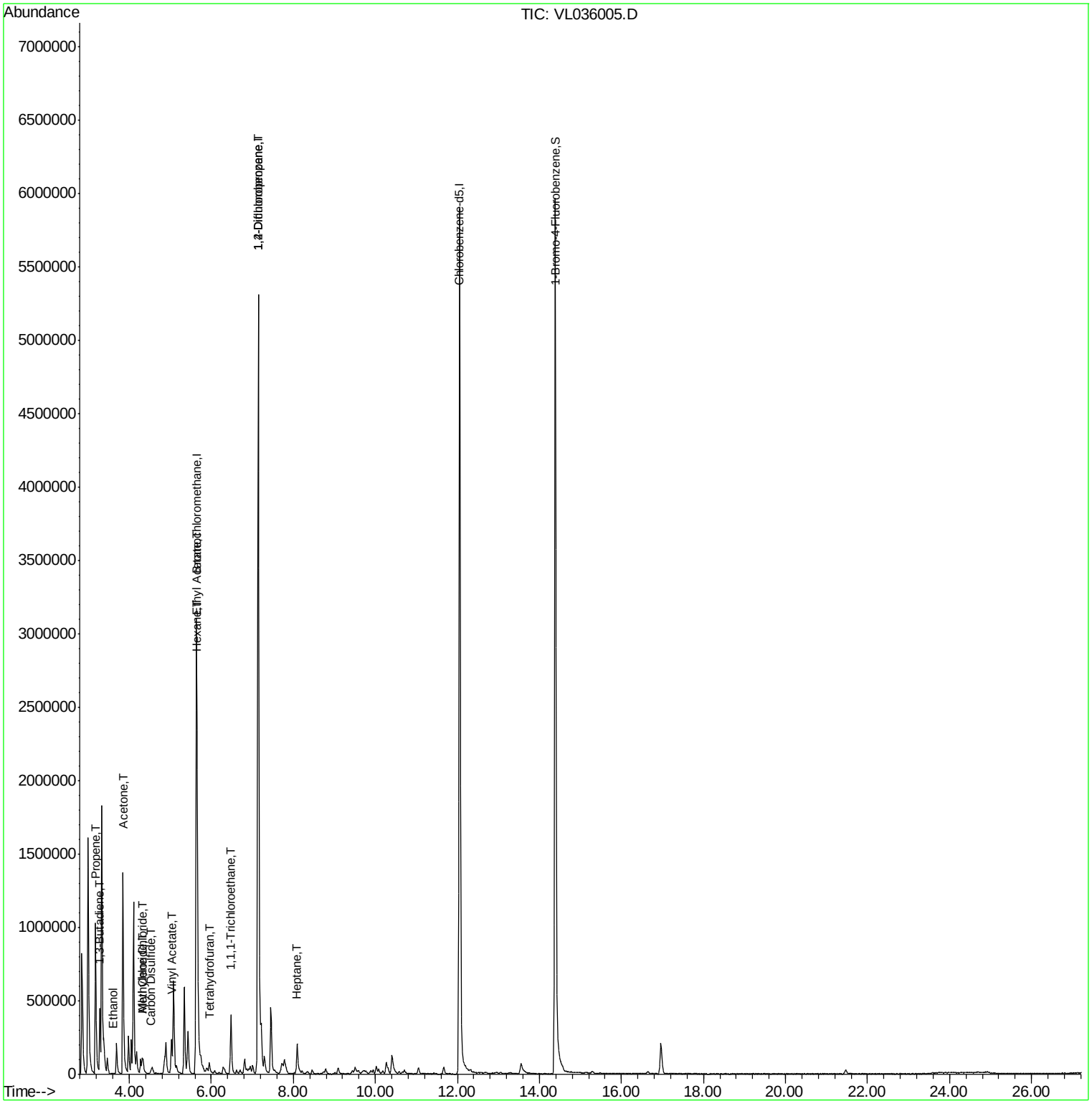
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\

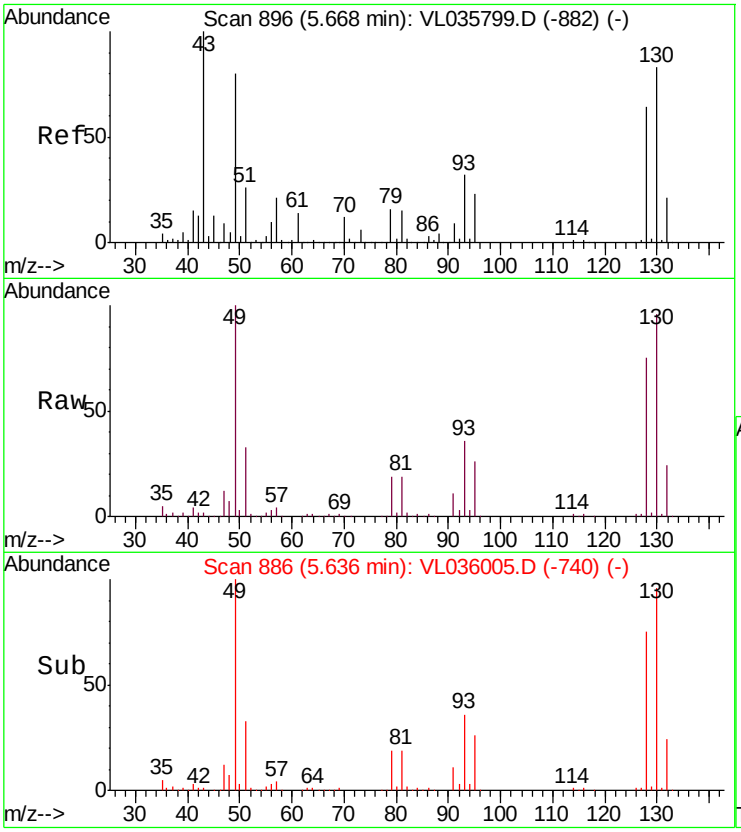
Quantitation Report (Not Reviewed)

Data File : VL036005.D
Acq On : 24 Nov 2020 22:23
Operator : SY/AP
Sample : L4843-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVP-02DL

Quant Time: Nov 25 00:37:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



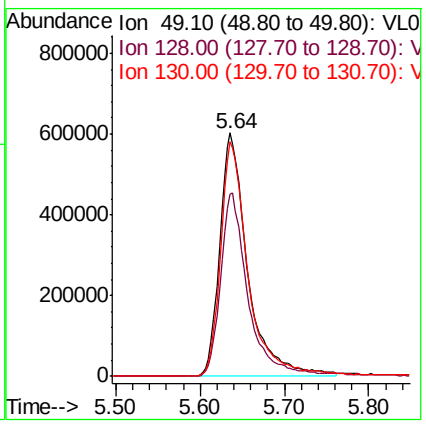


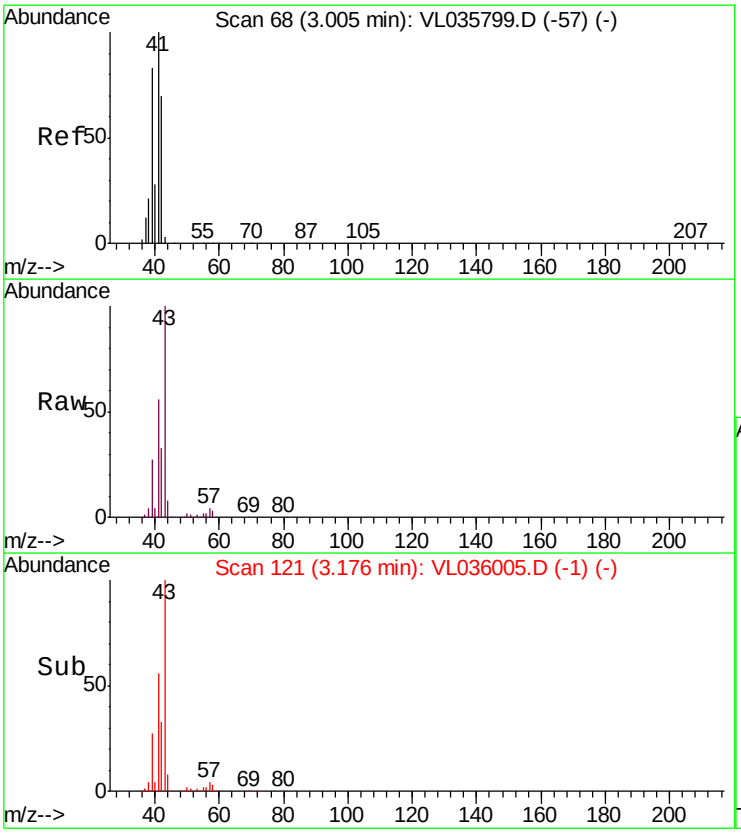
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 49 Resp: 1385042

Ion	Ratio	Lower	Upper
49	100		
128	75.5	41.5	124.6
130	97.6	53.7	161.1

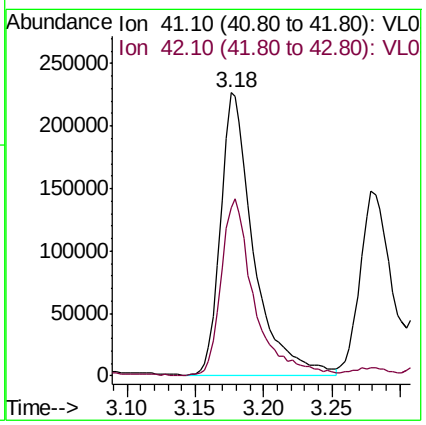


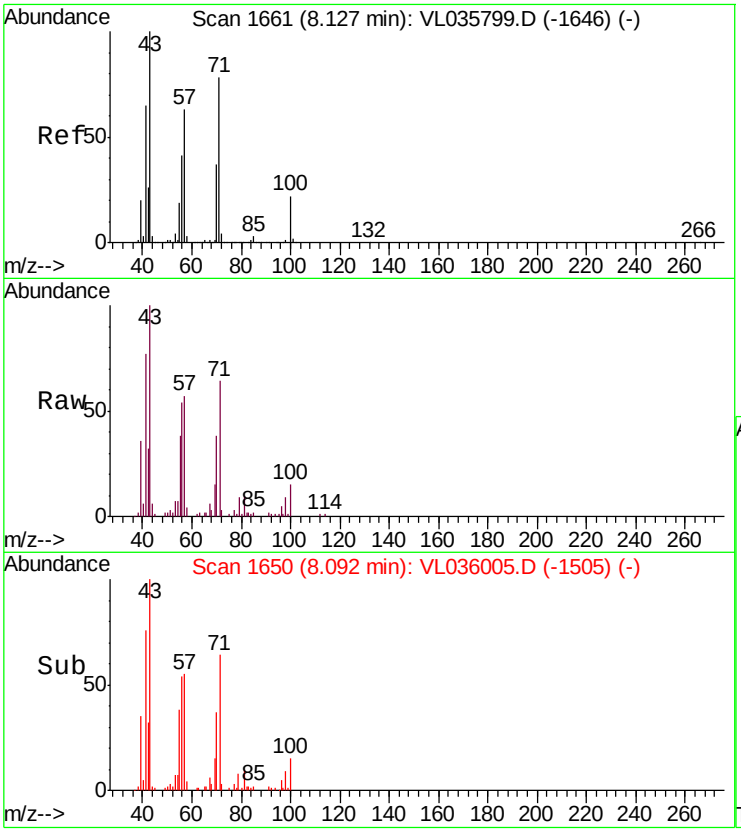


#9
Propene
Concen: 6.261 ppbv
RT: 3.18 min Scan# 121
Delta R.T. 0.17 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 41 Resp: 380088

Ion	Ratio	Lower	Upper
41	100		
42	62.0	56.2	84.4



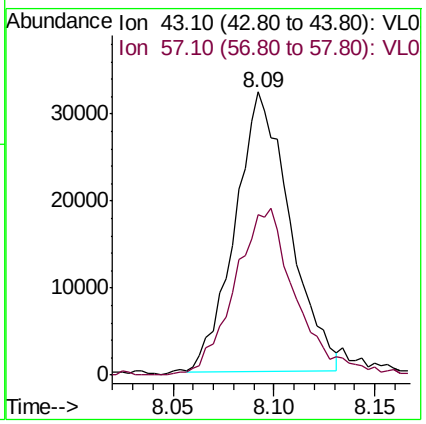


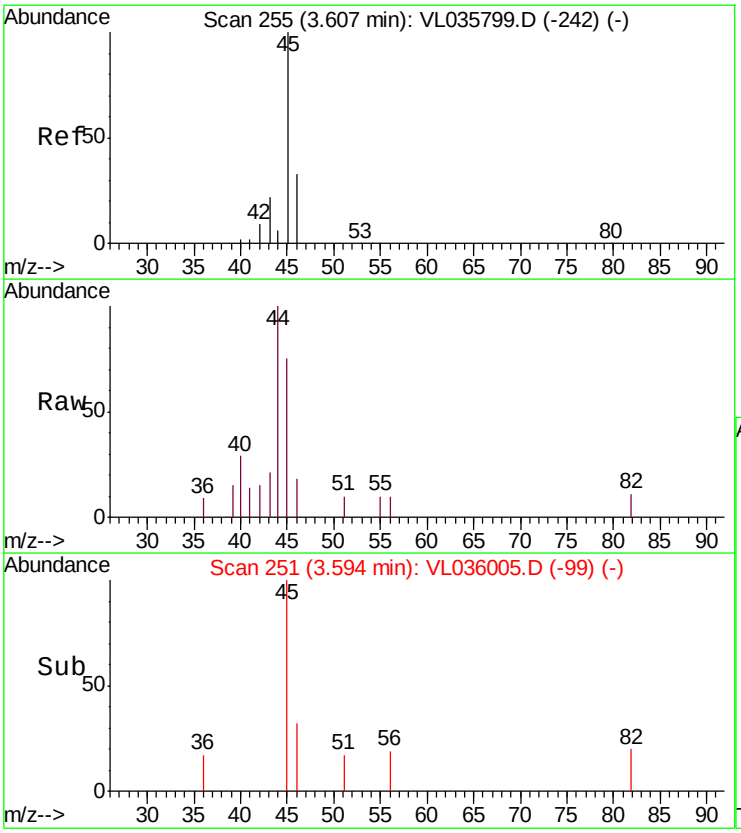
#10
Heptane
Concen: 0.364 ppbv
RT: 8.09 min Scan# 1650
Delta R.T. -0.04 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 43 Resp: 61000

Ion	Ratio	Lower	Upper
43	100		
57	66.7	50.0	75.0

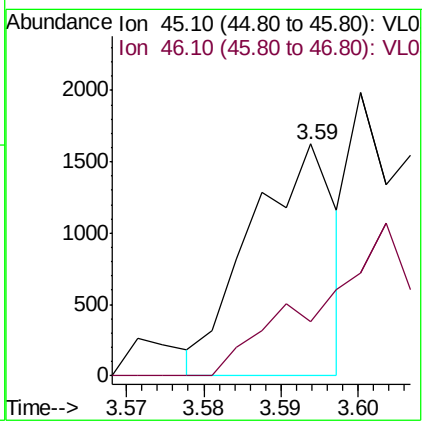


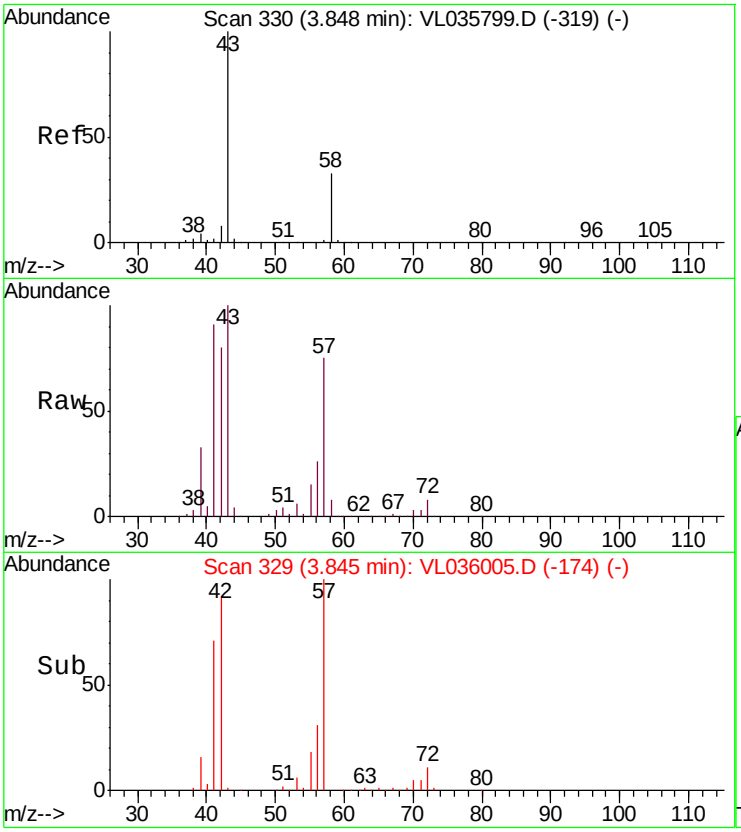


#13
Ethanol
Concen: 0.094 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 45 Resp: 1236

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.5#



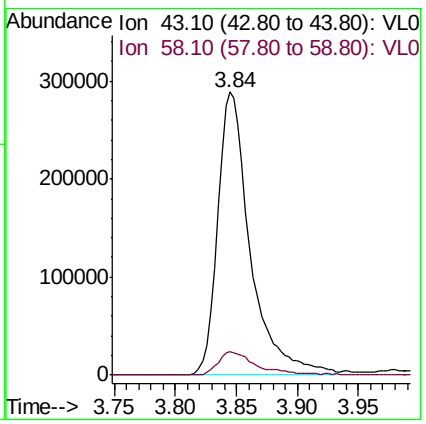


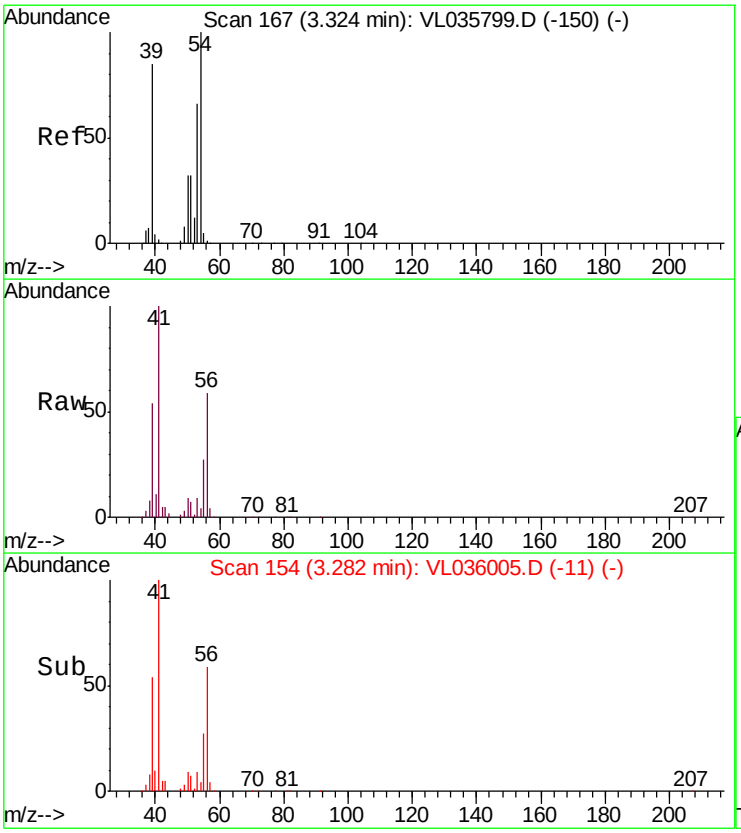
#15
Acetone
Concen: 3.678 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 43 Resp: 544575

Ion	Ratio	Lower	Upper
43	100		
58	9.8	27.5	41.3#

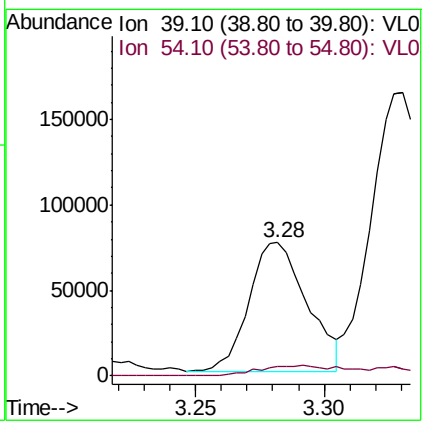


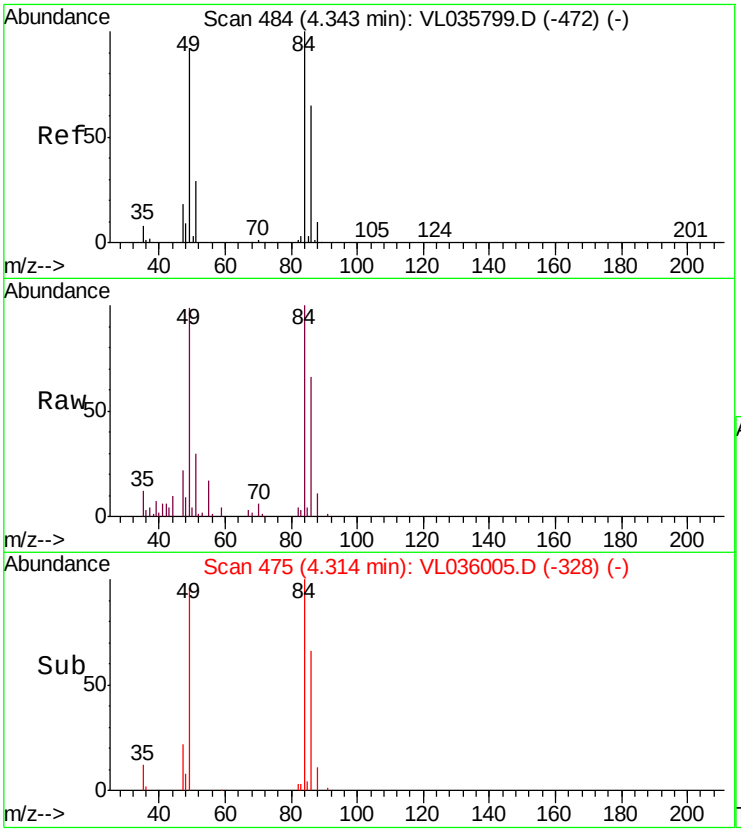


#16
1,3-Butadiene
Concen: 1.873 ppbv
RT: 3.28 min Scan# 154
Delta R.T. -0.04 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 39 Resp: 119405

Ion	Ratio	Lower	Upper
39	100		
54	18.4	87.1	130.7#



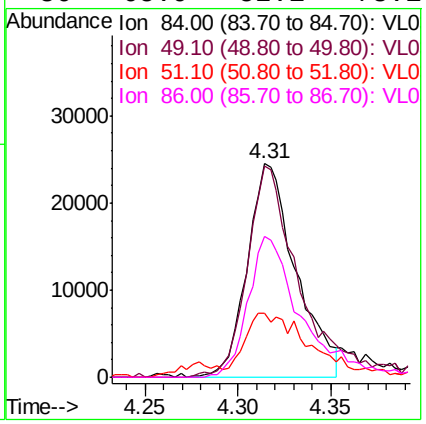


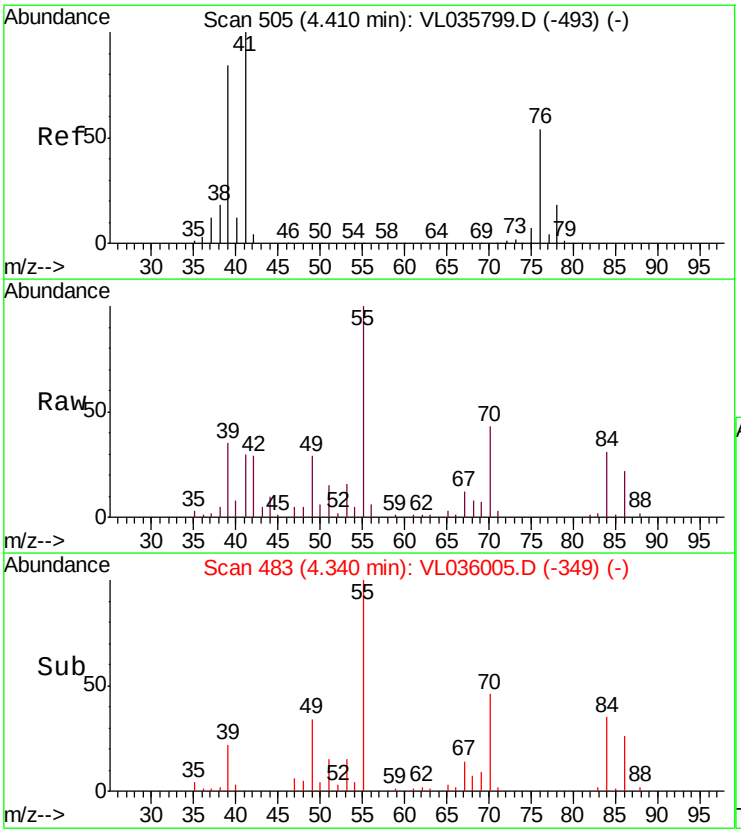
#20
Methylene Chloride
Concen: 0.431 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 84 Resp: 44902

Ion	Ratio	Lower	Upper
84	100		
49	98.6	73.8	110.8
51	26.4	23.0	34.4
86	65.9	52.1	78.1

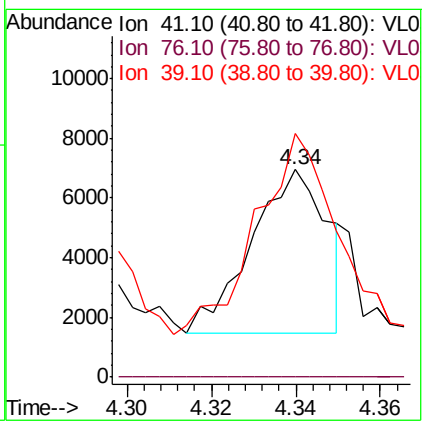


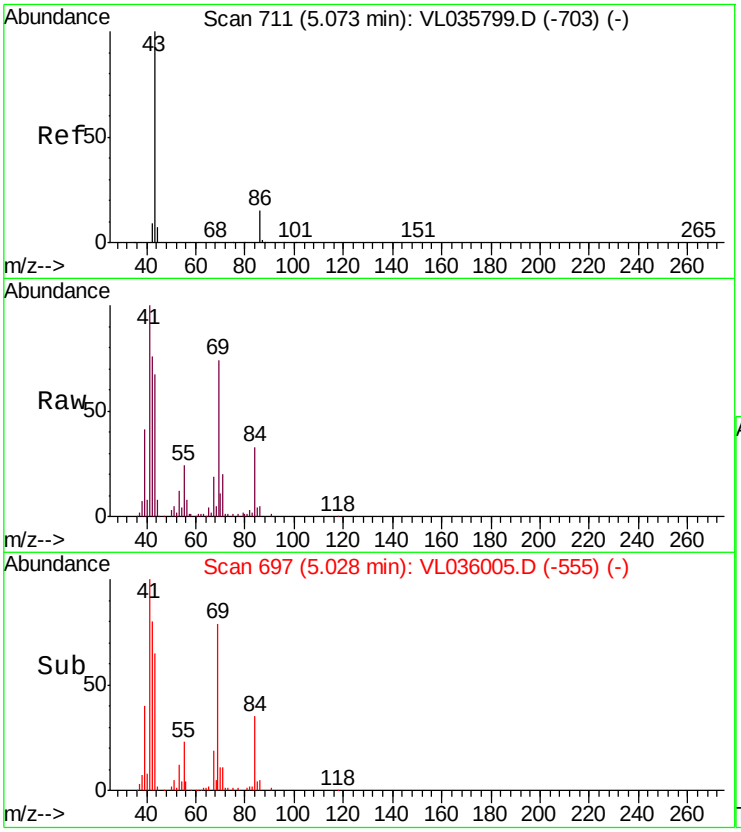


#21
Allyl Chloride
Concen: 0.085 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.07 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 41 Resp: 6838

Ion	Ratio	Lower	Upper
41	100		
76	0.0	42.6	63.8#
39	247.6	67.0	100.4#



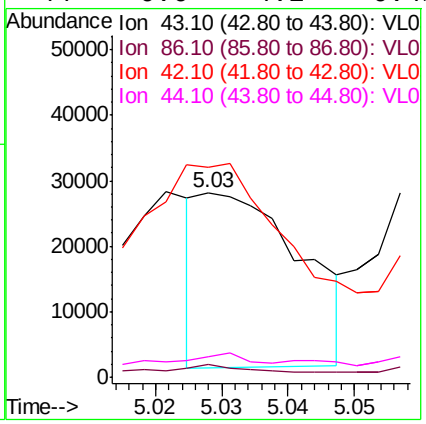


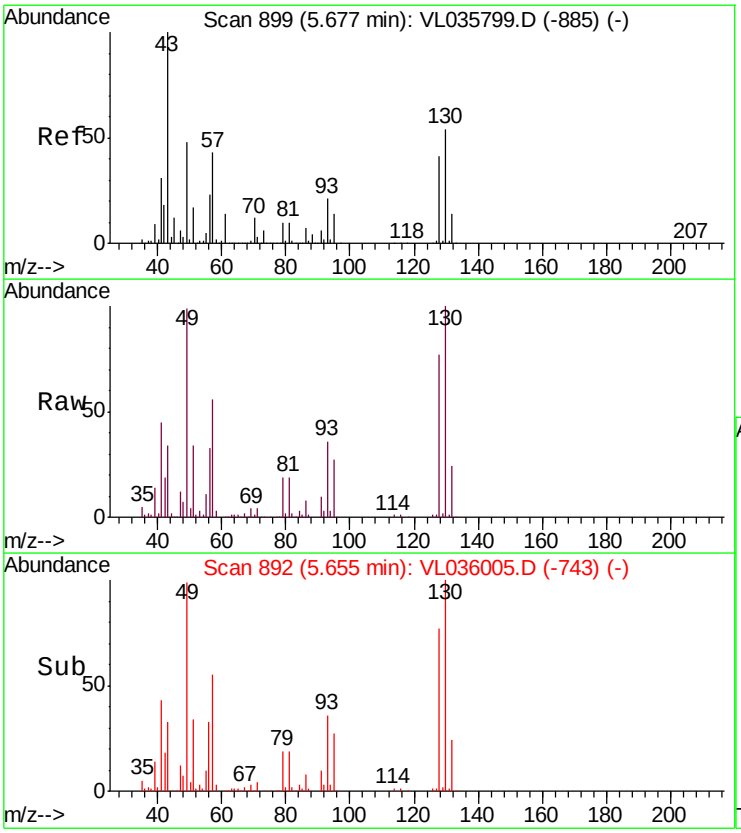
#23
Vinyl Acetate
Concen: 0.136 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.04 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument : MSVOA_L
ClientSampleId : SVP-02DL

Tgt Ion: 43 Resp: 28241

Ion	Ratio	Lower	Upper
43	100		
86	9.8	9.8	14.6
42	137.7	8.1	12.1#
44	6.6	4.2	6.4#

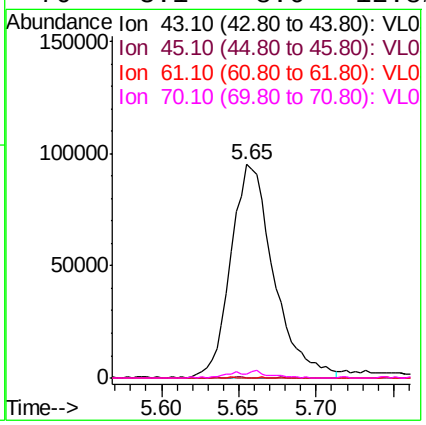


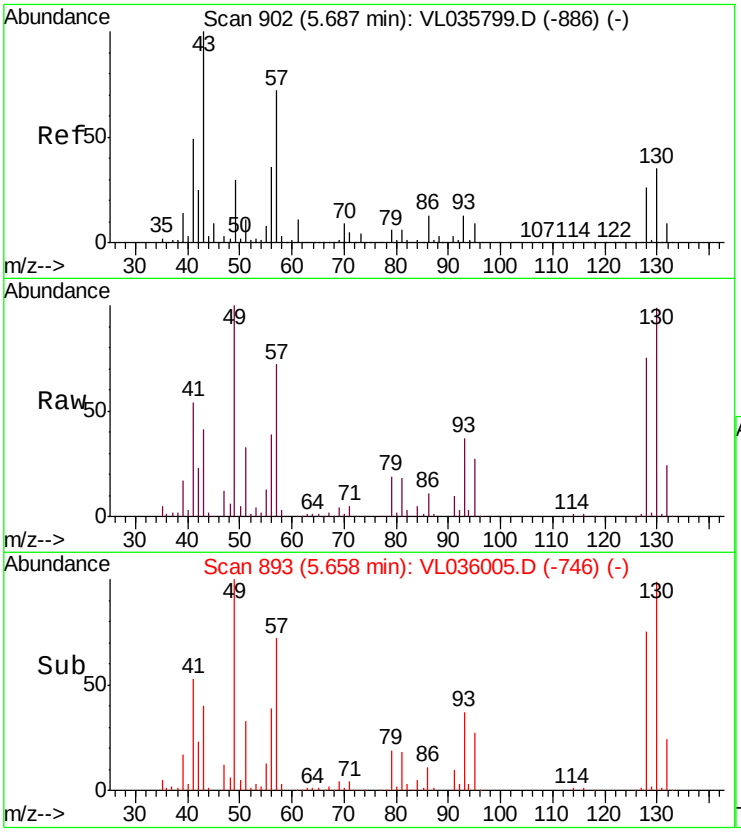


#25
Ethyl Acetate
Concen: 0.625 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 43 Resp: 182326

Ion	Ratio	Lower	Upper
43	100		
45	0.1	8.5	12.7#
61	0.2	10.7	16.1#
70	3.1	8.6	12.8#



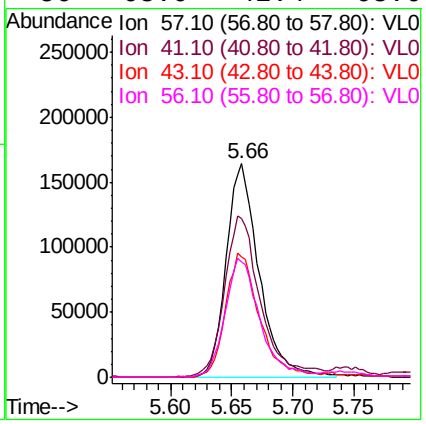


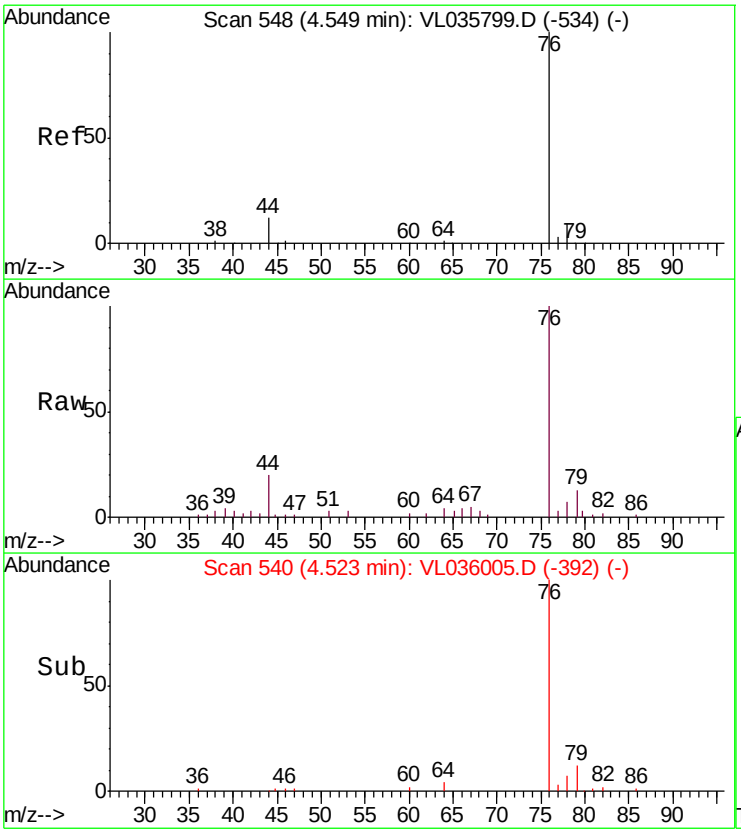
#26
Hexane
Concen: 1.922 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 57 Resp: 309198

Ion	Ratio	Lower	Upper
57	100		
41	83.1	58.9	88.3
43	63.0	150.2	225.2#
56	63.0	42.4	63.6

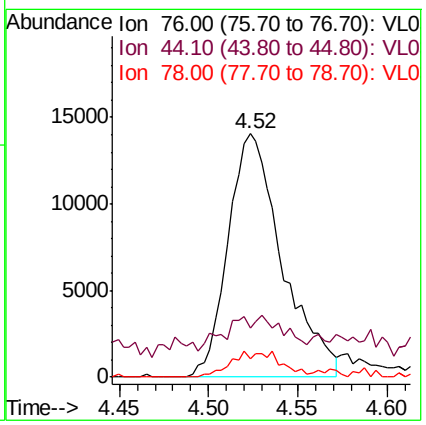


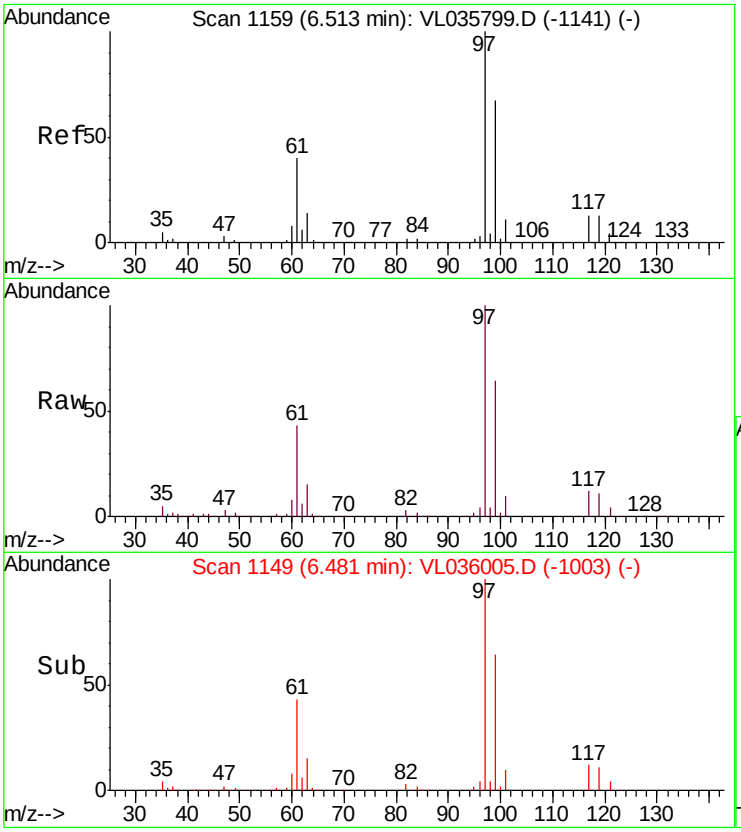


#27
Carbon Disulfide
Concen: 0.124 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 76 Resp: 29820

Ion	Ratio	Lower	Upper
76	100		
44	25.1	9.9	14.9#
78	10.8	8.1	12.1



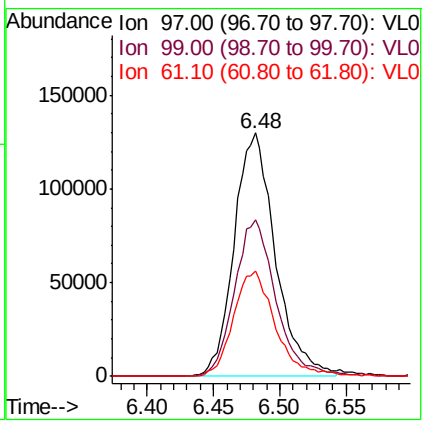


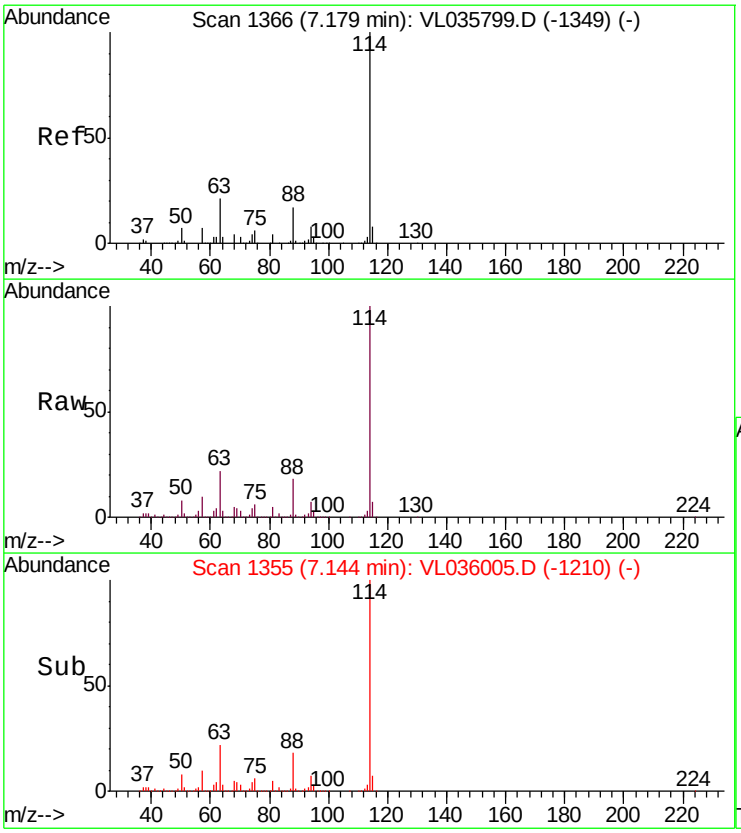
#32
1,1,1-Trichloroethane
Concen: 0.852 ppbv
RT: 6.48 min Scan# 1149
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 97 Resp: 281255

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	44.2	32.0	48.0

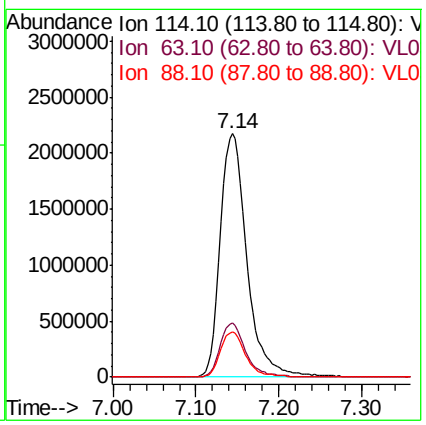


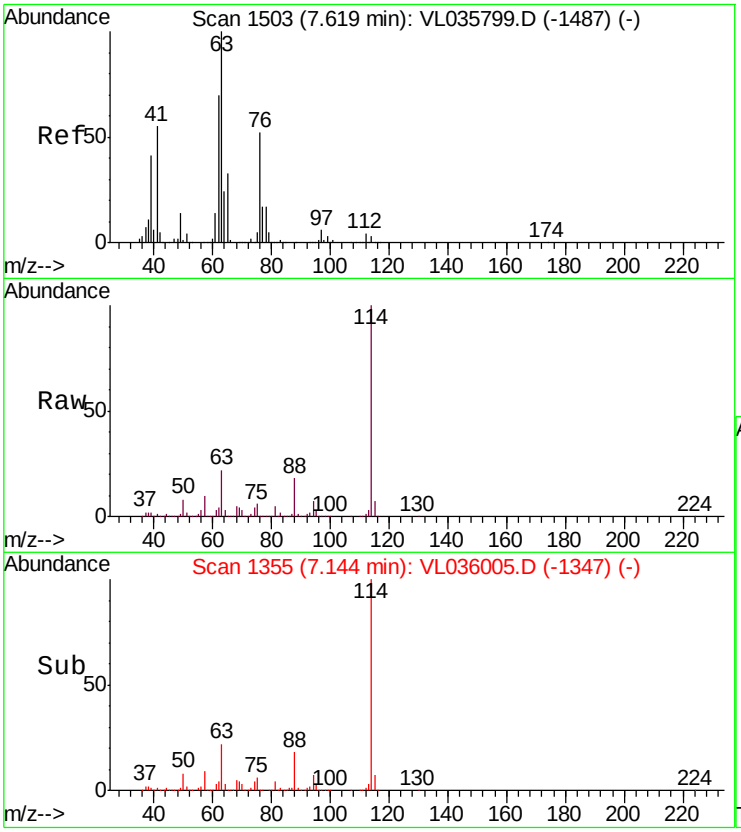


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion:114 Resp: 4857357

Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.1	24.1
88	17.8	13.7	20.5



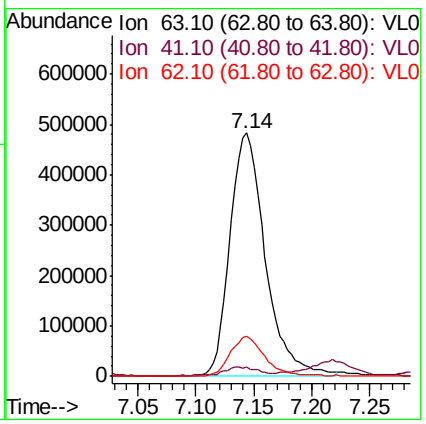


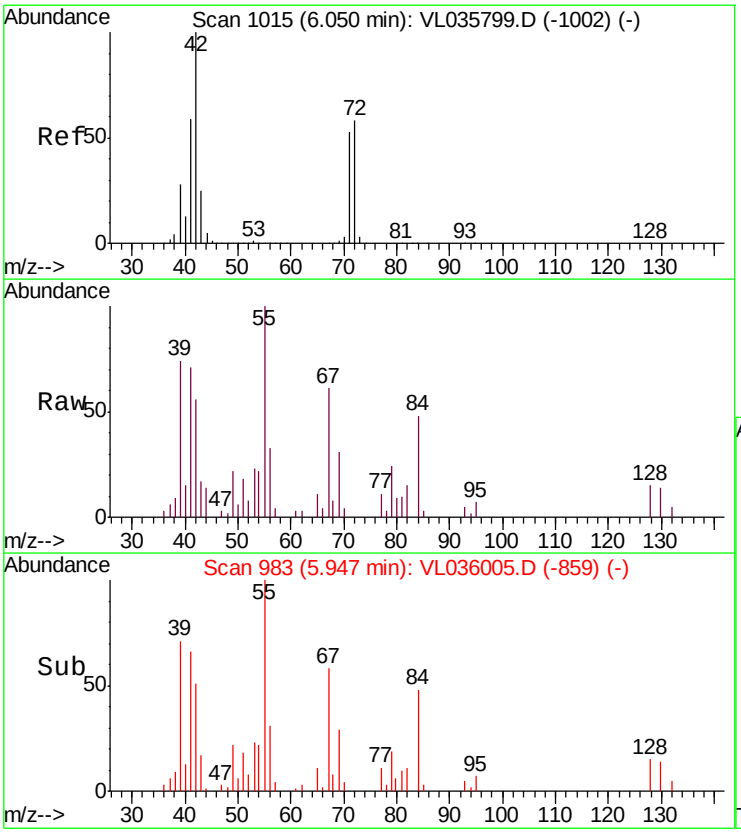
#39
1,2-Dichloropropane
Concen: 8.394 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.48 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion: 63 Resp: 1020463

Ion	Ratio	Lower	Upper
63	100		
41	3.3	43.8	65.6#
62	16.4	56.2	84.2#

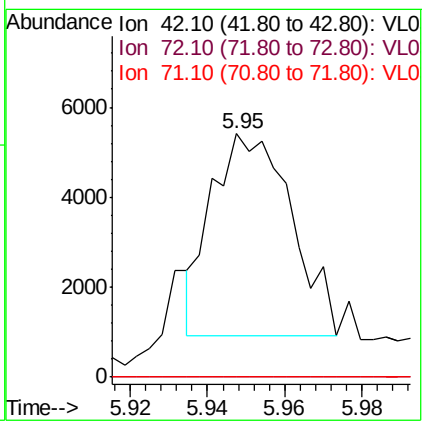


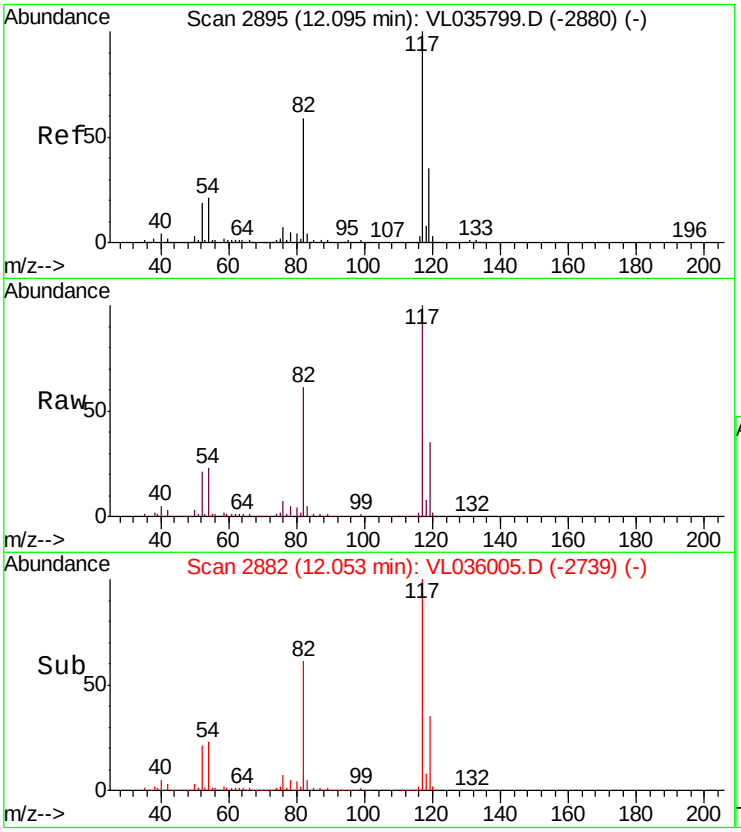


#41
Tetrahydrofuran
Concen: 0.071 ppbv
RT: 5.95 min Scan# 983
Delta R.T. -0.10 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 42 Resp: 6373

Ion	Ratio	Lower	Upper
42	100		
72	1.5	45.4	68.0#
71	0.0	43.4	65.2#



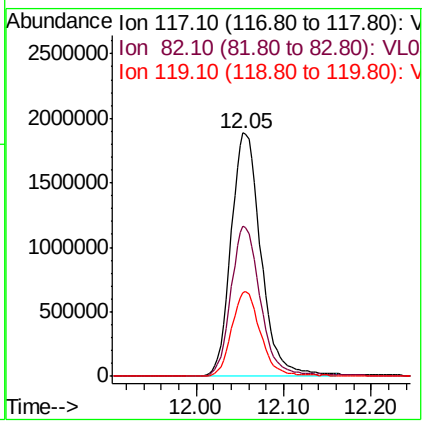


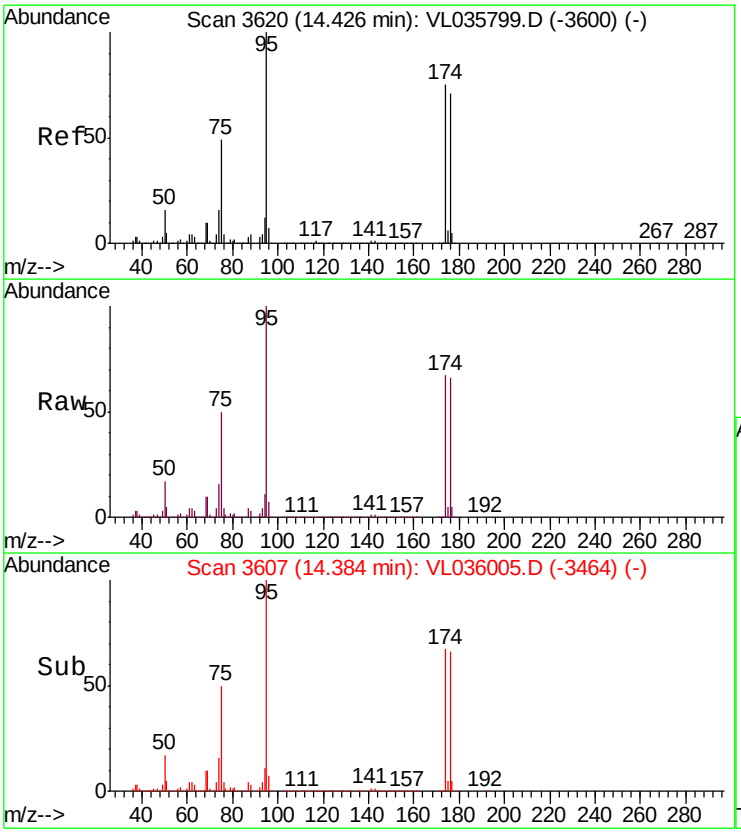
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion:117 Resp: 4493406

Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.6	76.0
119	34.2	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.339 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion: 95 Resp: 3300663

Ion	Ratio	Lower	Upper
95	100		
174	71.3	59.8	89.6
175	5.1	4.3	6.5