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

Quantitation Report (Not Reviewed)

Data File : VL036007.D
Acq On : 24 Nov 2020 23:40
Operator : SY/AP
Sample : L4843-03DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVP-03DL

Quant Time: Nov 25 00:38:09 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	1357013	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	4755224	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.06	117	4444705	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	3353079	10.62	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.20%				
Target Compounds							Qvalue
9) Propene	3.18	41	474718	7.981	ppbv		90
10) Heptane	8.10	43	157868	0.961	ppbv		100
15) Acetone	3.85	43	734288	5.061	ppbv	#	57
16) 1,3-Butadiene	3.29	39	106151	1.699	ppbv	#	26
20) Methylene Chloride	4.32	84	70565	0.691	ppbv		95
21) Allyl Chloride	4.34	41	7922	0.101	ppbv	#	1
23) Vinyl Acetate	5.03	43	74957	0.369	ppbv	#	1
25) Ethyl Acetate	5.66	43	372111	1.302	ppbv	#	72
26) Hexane	5.66	57	642599	4.077	ppbv	#	45
27) Carbon Disulfide	4.53	76	35060	0.148	ppbv	#	87
30) Cyclohexane	7.10	84	22174	0.129	ppbv	#	9
34) 2-Butanone	5.24	43	10367	0.067	ppbv	#	56
39) 1,2-Dichloropropane	7.15	63	989900	8.317	ppbv	#	29
41) Tetrahydrofuran	5.74	42	2656	0.030	ppbv	#	24
44) 2,2,4-Trimethylpentane	8.10	57	97513	0.208	ppbv	#	1
51) 2-Hexanone	10.08	43	25272	0.133	ppbv	#	22

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

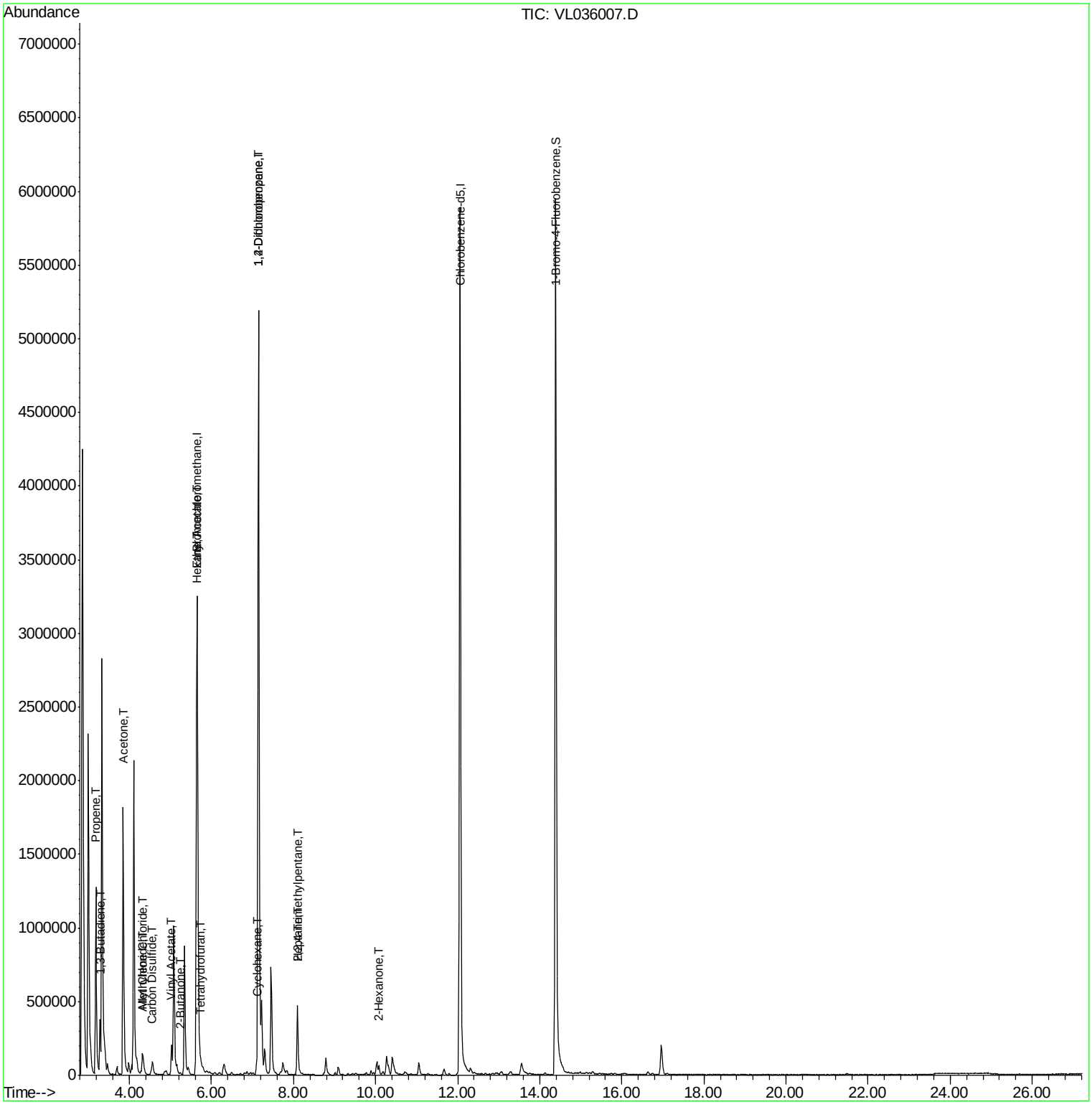
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\

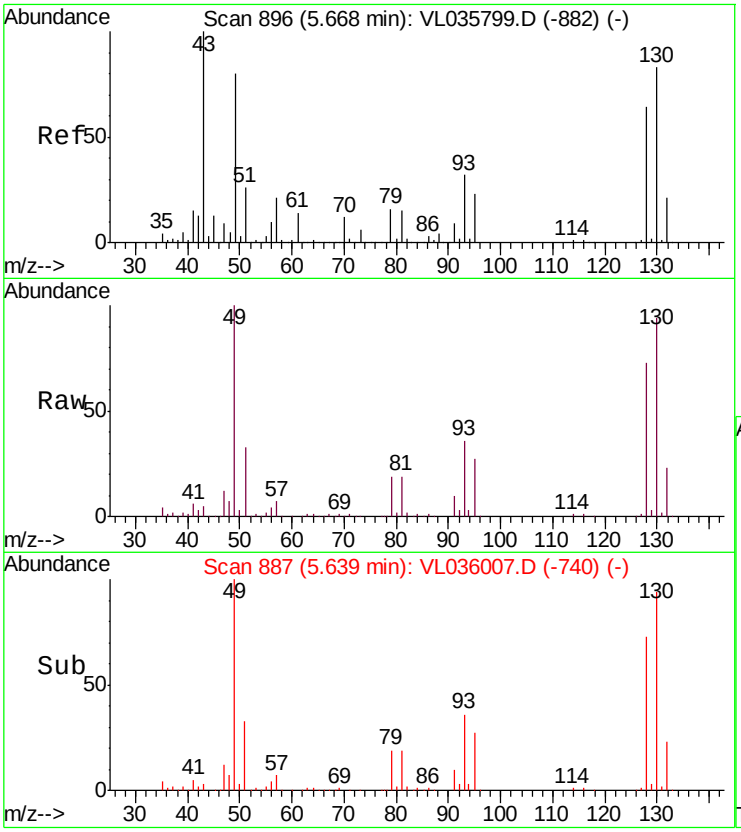
Quantitation Report (Not Reviewed)

Data File : VL036007.D
Acq On : 24 Nov 2020 23:40
Operator : SY/AP
Sample : L4843-03DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVP-03DL

Quant Time: Nov 25 00:38:09 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



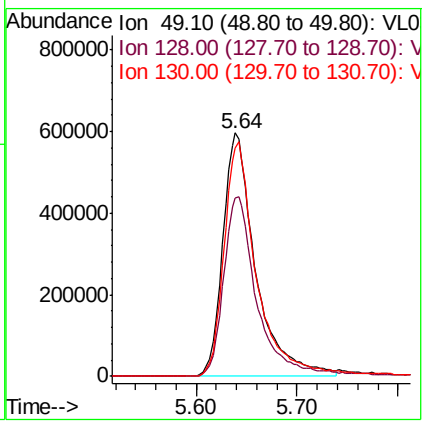


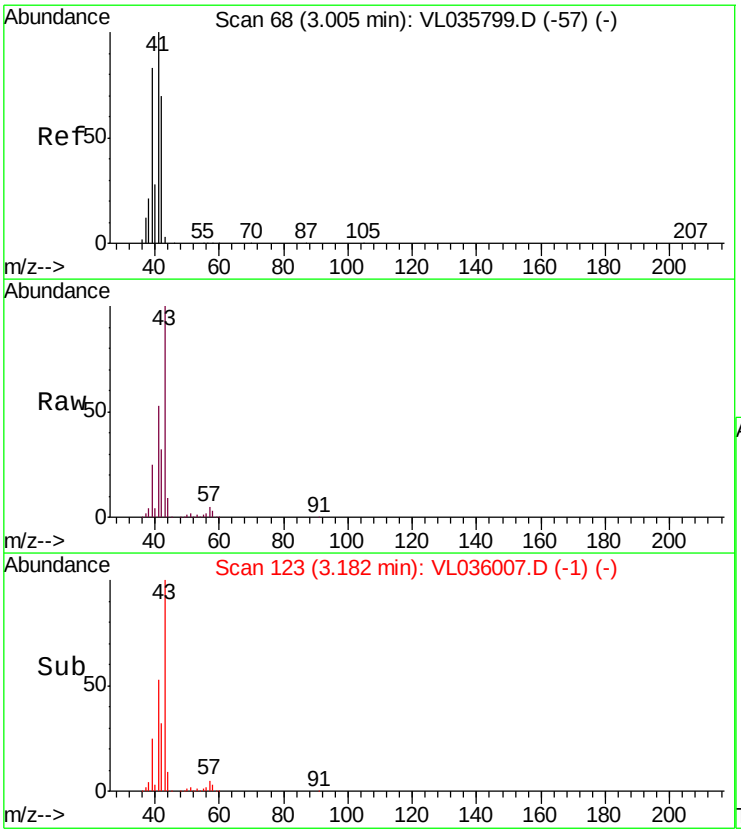
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 49 Resp: 1357013

Ion	Ratio	Lower	Upper
49	100		
128	75.9	41.5	124.6
130	98.0	53.7	161.1

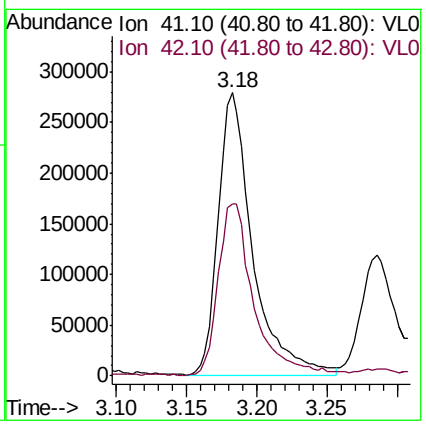


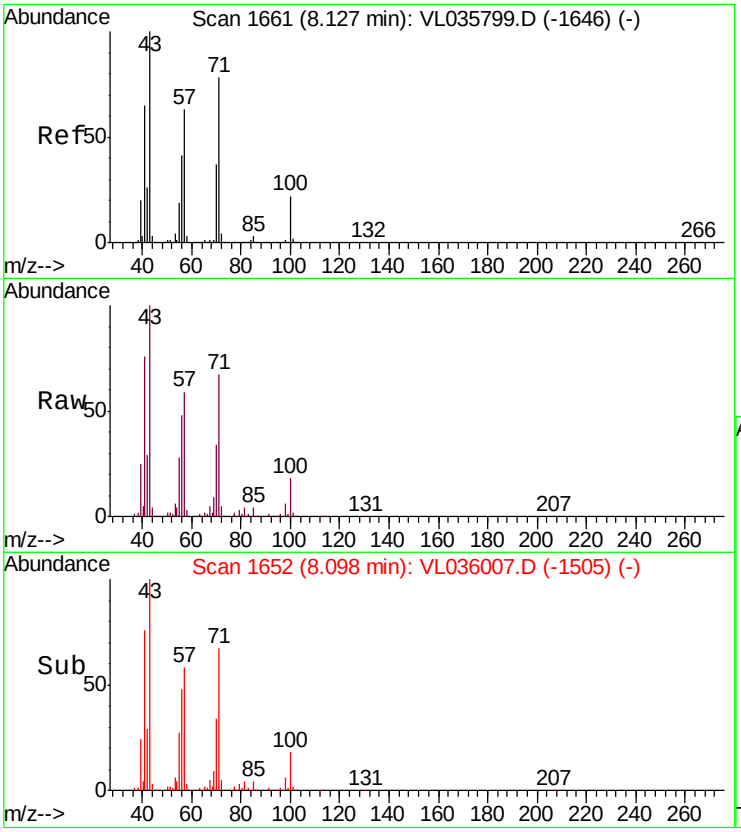


#9
Propene
Concen: 7.981 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.18 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 41 Resp: 474718

Ion	Ratio	Lower	Upper
41	100		
42	62.1	56.2	84.4



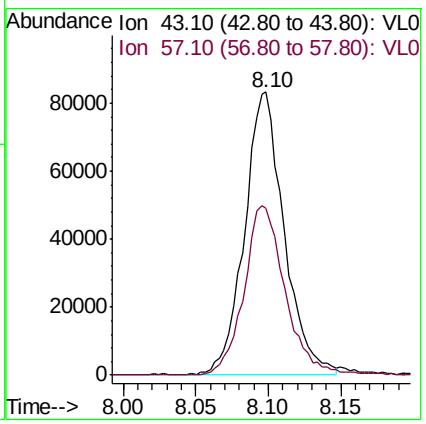


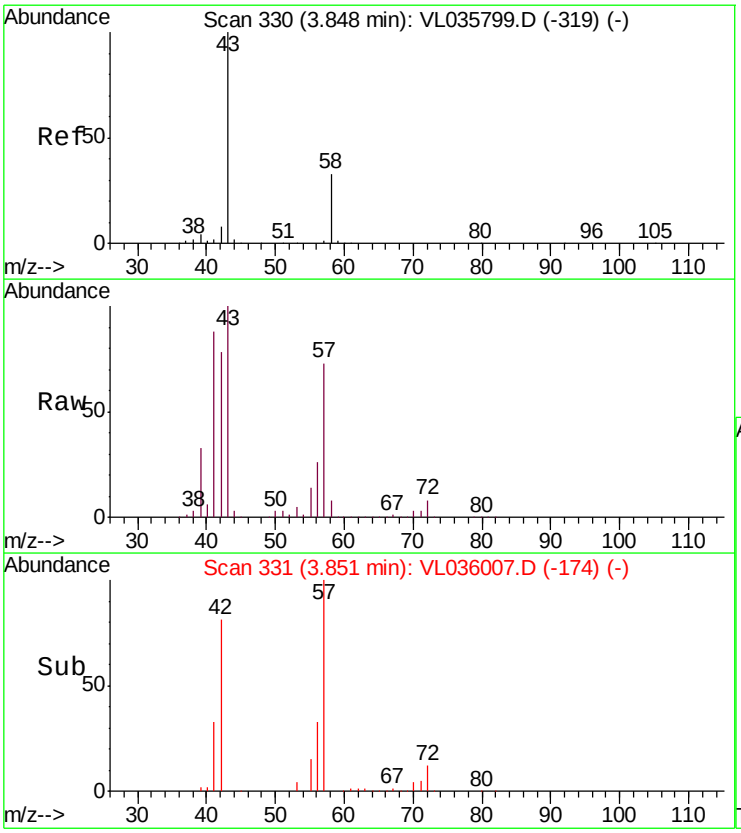
#10
Heptane
Concen: 0.961 ppbv
RT: 8.10 min Scan# 1652
Delta R.T. -0.03 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 43 Resp: 157868

Ion	Ratio	Lower	Upper
43	100		
57	62.9	50.0	75.0

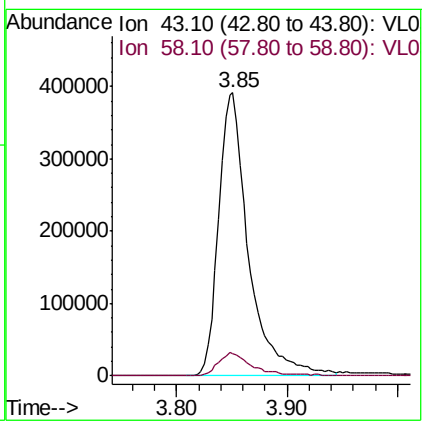


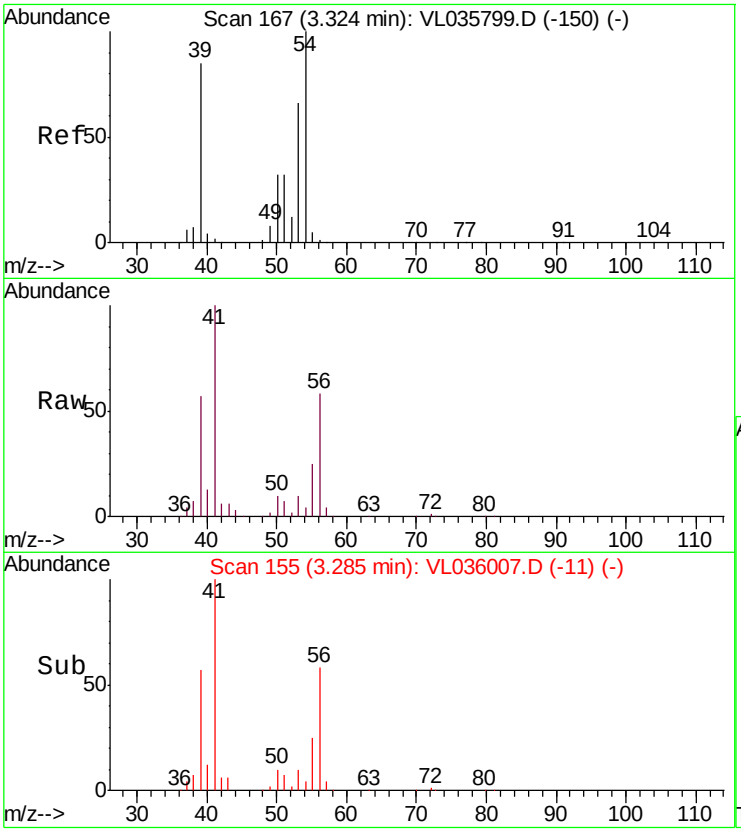


#15
Acetone
Concen: 5.061 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 43 Resp: 734288

Ion	Ratio	Lower	Upper
43	100		
58	9.5	27.5	41.3#



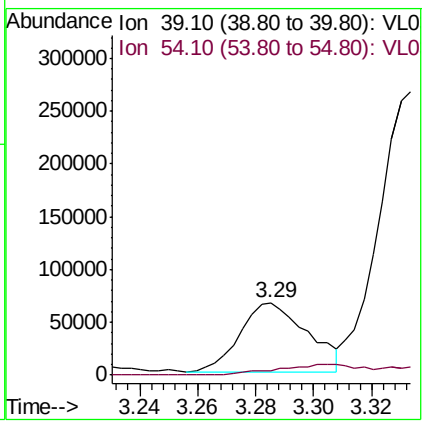


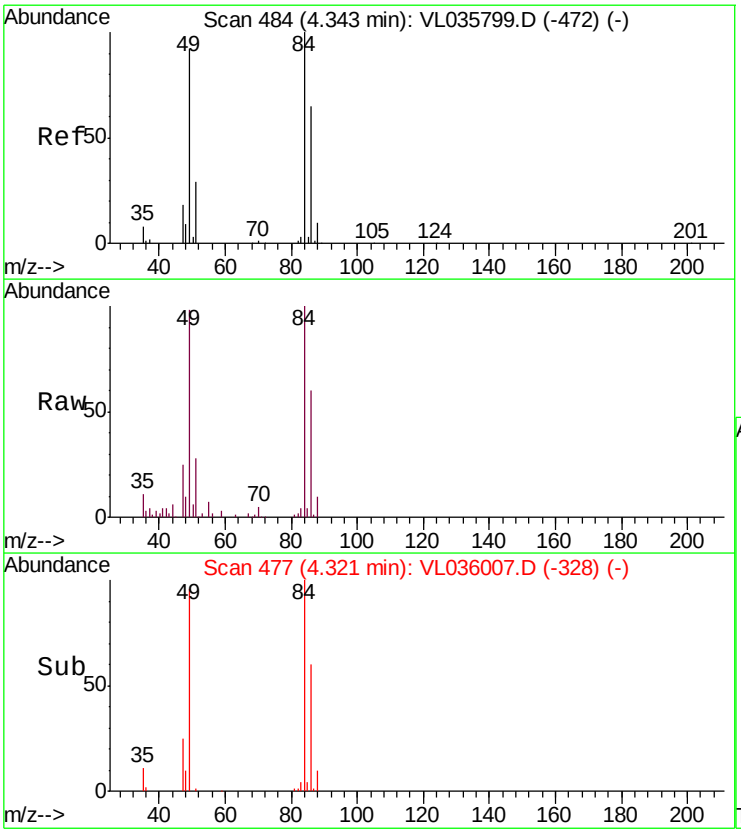
#16
1,3-Butadiene
Concen: 1.699 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.04 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 39 Resp: 106151

Ion	Ratio	Lower	Upper
39	100		
54	31.3	87.1	130.7#

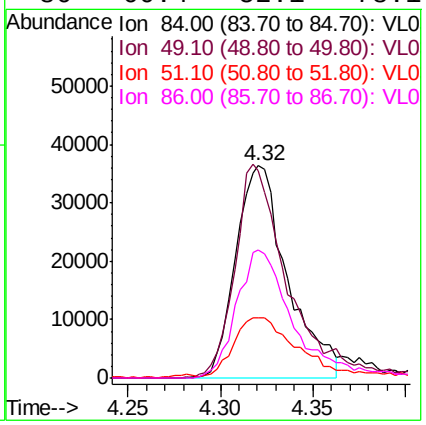


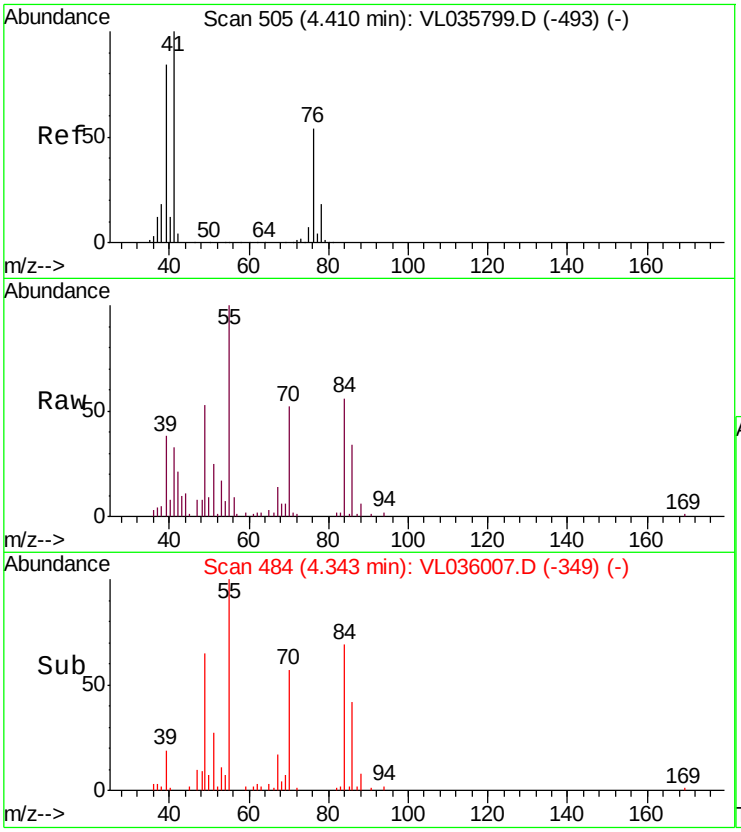


#20
Methylene Chloride
Concen: 0.691 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 84 Resp: 70565

Ion	Ratio	Lower	Upper
84	100		
49	97.2	73.8	110.8
51	26.4	23.0	34.4
86	60.4	52.1	78.1



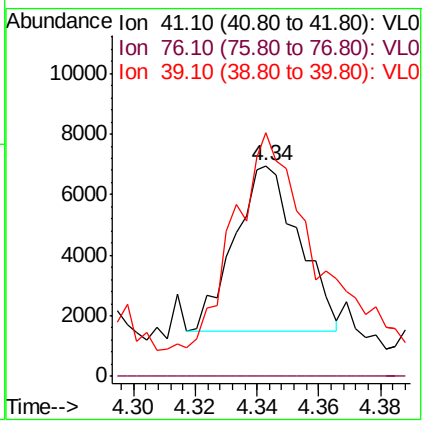


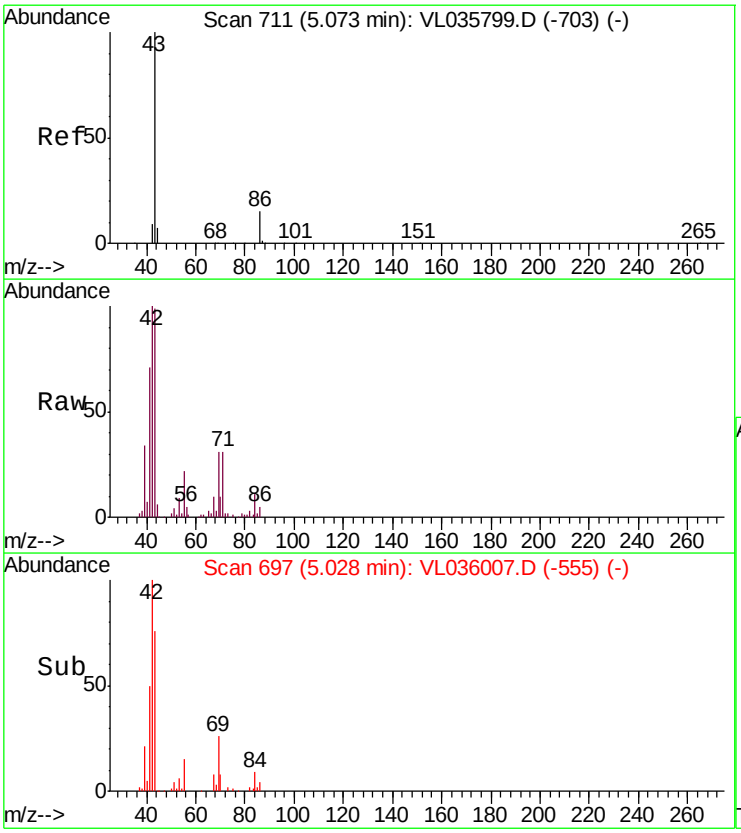
#21
Allyl Chloride
Concen: 0.101 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.07 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument : MSVOA_L
ClientSampleId : SVP-03DL

Tgt Ion: 41 Resp: 7922

Ion	Ratio	Lower	Upper
41	100		
76	0.0	42.6	63.8#
39	222.9	67.0	100.4#

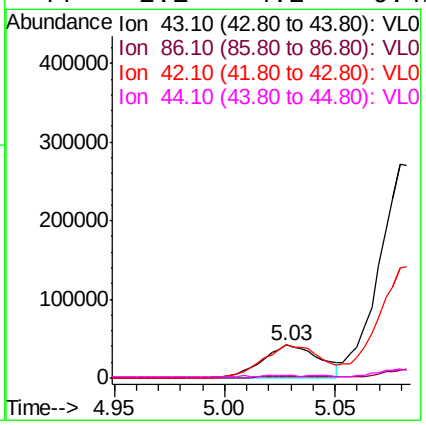


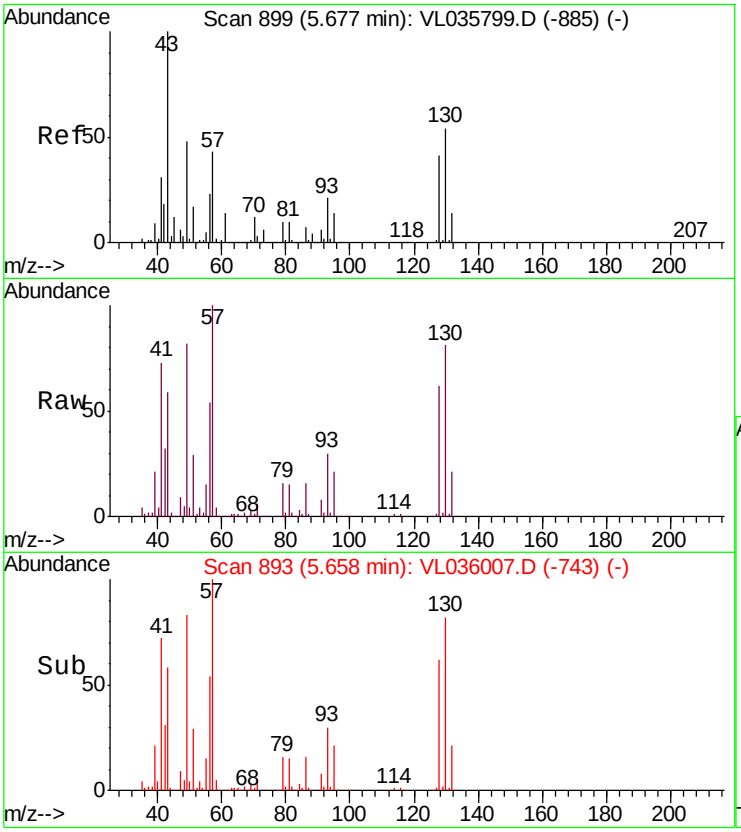


#23
Vinyl Acetate
Concen: 0.369 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.04 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 43 Resp: 74957

Ion	Ratio	Lower	Upper
43	100		
86	4.8	9.8	14.6#
42	100.2	8.1	12.1#
44	2.1	4.2	6.4#



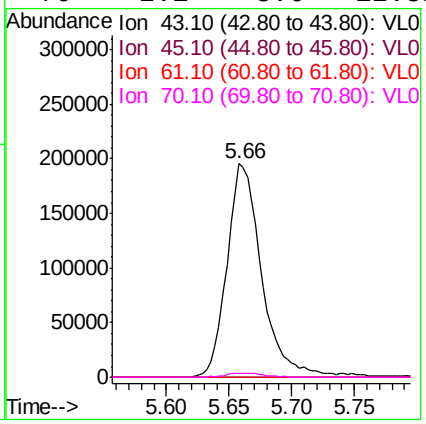


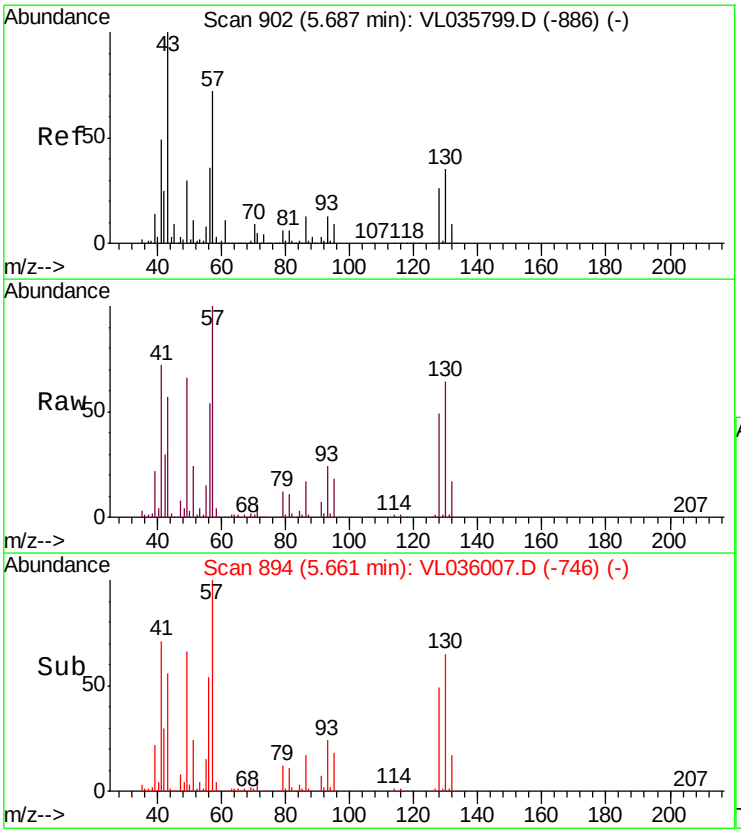
#25
Ethyl Acetate
Concen: 1.302 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 43 Resp: 372111

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.5	12.7#
61	0.2	10.7	16.1#
70	2.1	8.6	12.8#

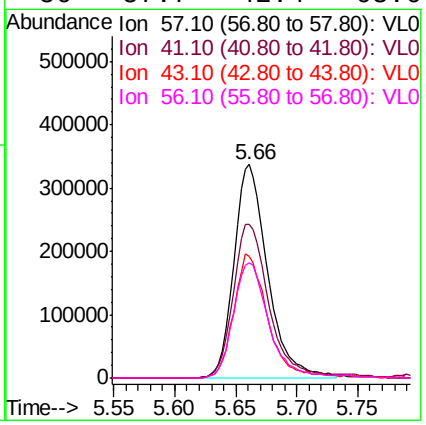


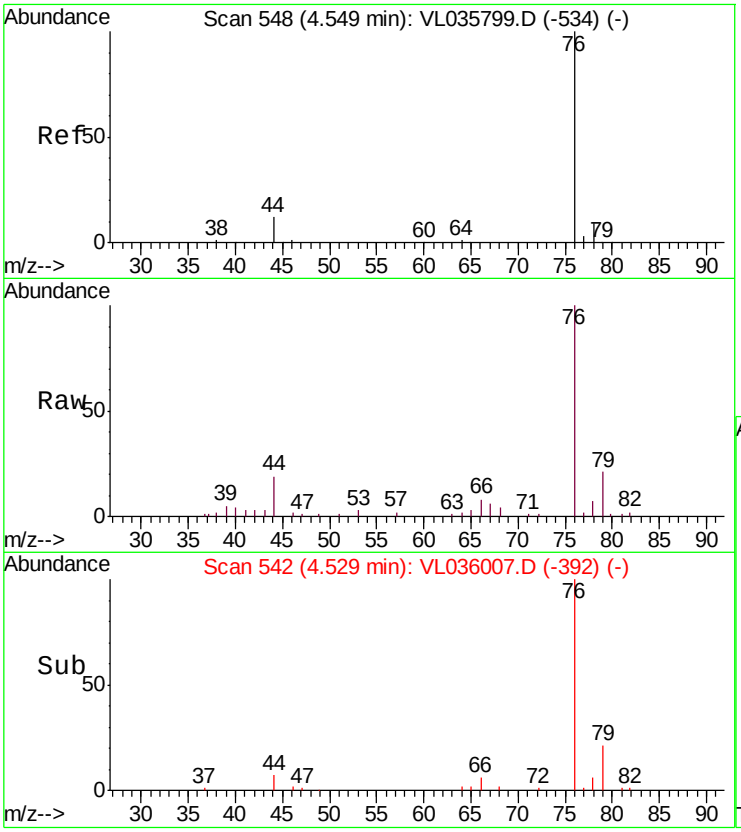


#26
Hexane
Concen: 4.077 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 57 Resp: 642599

Ion	Ratio	Lower	Upper
57	100		
41	77.9	58.9	88.3
43	59.4	150.2	225.2#
56	57.7	42.4	63.6



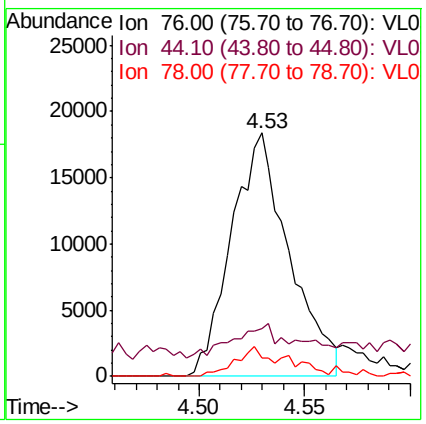


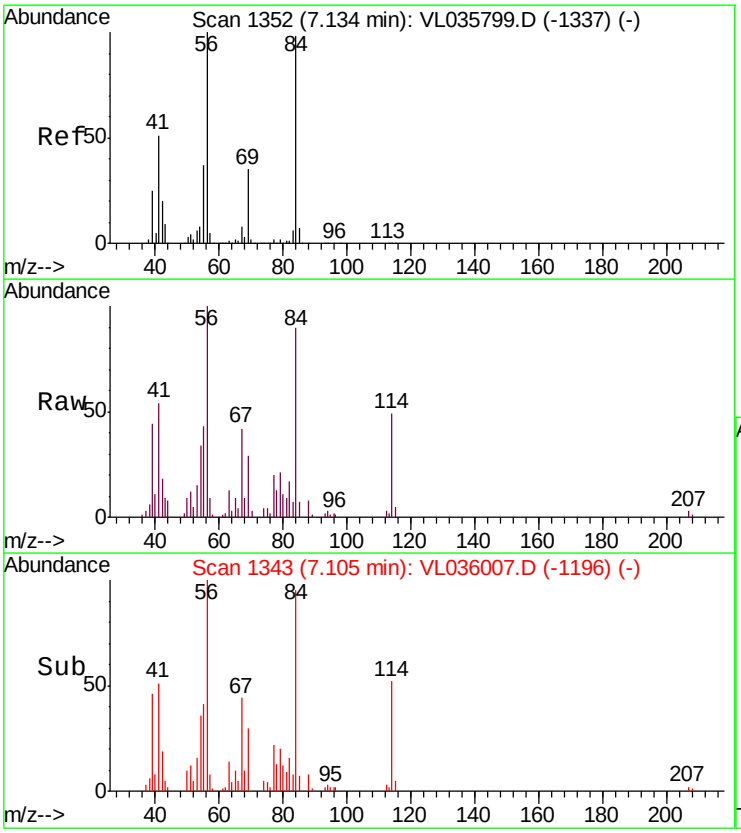
#27
Carbon Disulfide
Concen: 0.148 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument : MSVOA_L
ClientSampleId : SVP-03DL

Tgt Ion: 76 Resp: 35060

Ion	Ratio	Lower	Upper
76	100		
44	20.1	9.9	14.9#
78	11.6	8.1	12.1

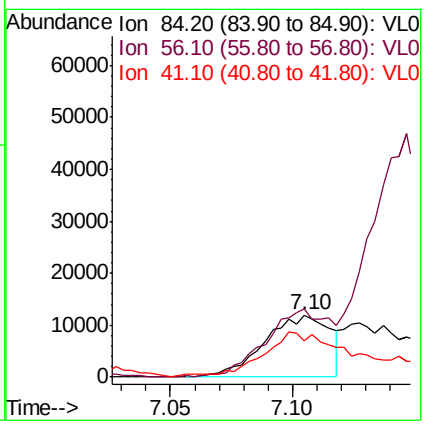


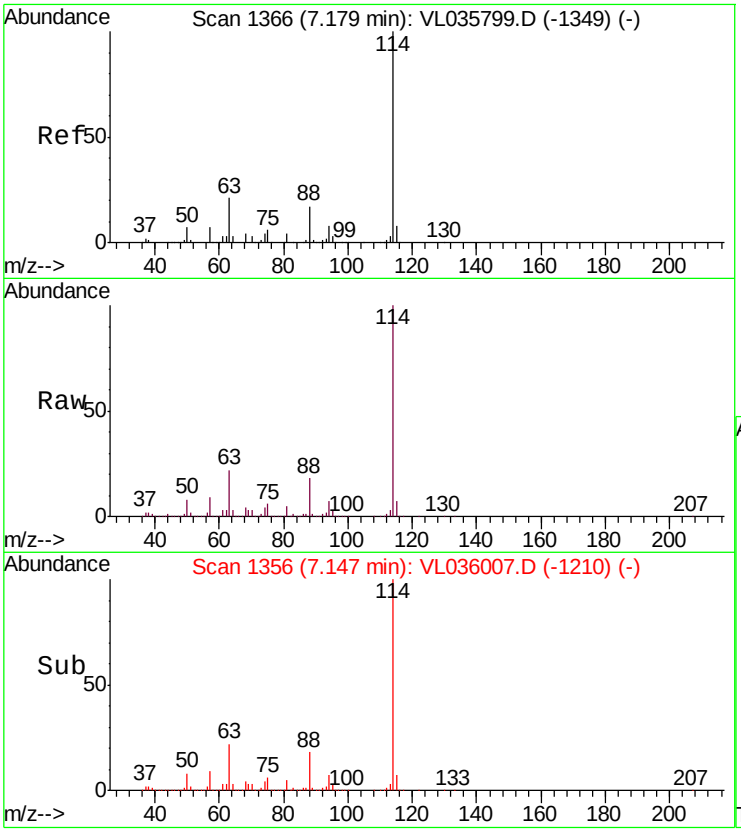


#30
Cyclohexane
Concen: 0.129 ppbv
RT: 7.10 min Scan# 1343
Delta R.T. -0.03 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 84 Resp: 22174

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	98.9	42.1	63.1#



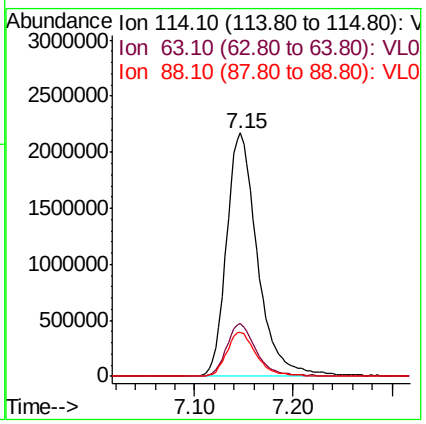


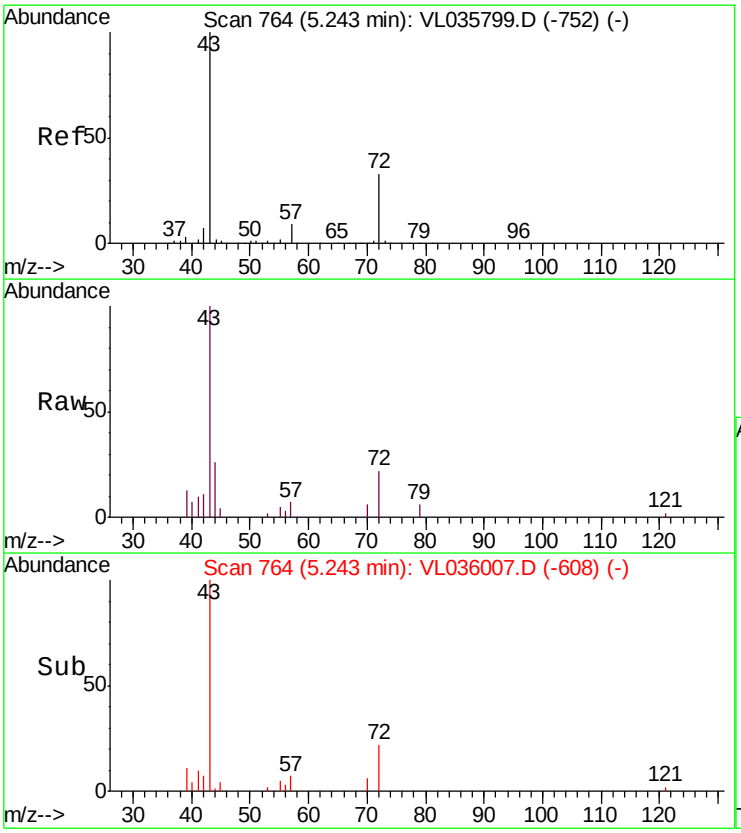
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion:114 Resp: 4755224

Ion	Ratio	Lower	Upper
114	100		
63	21.4	16.1	24.1
88	17.8	13.7	20.5

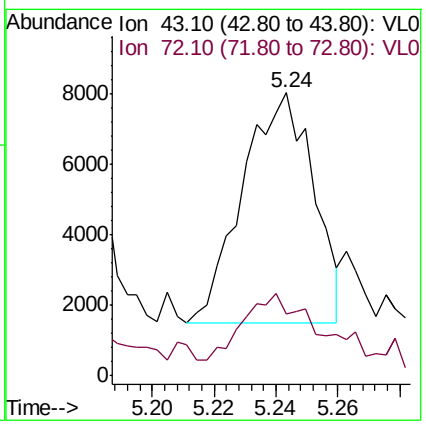


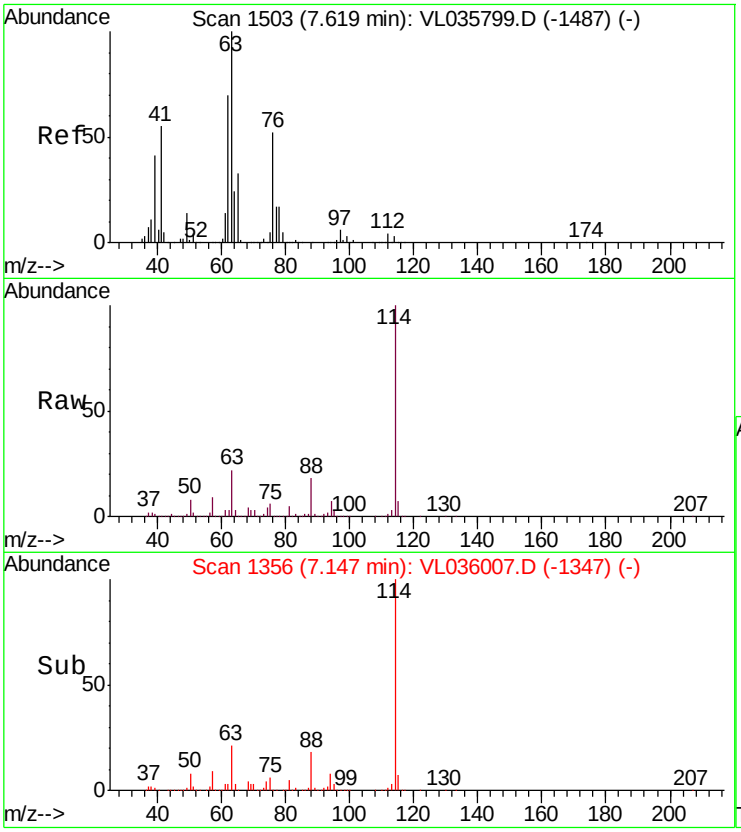


#34
2-Butanone
Concen: 0.067 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.00 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 43 Resp: 10367

Ion	Ratio	Lower	Upper
43	100		
72	58.1	26.5	39.7#



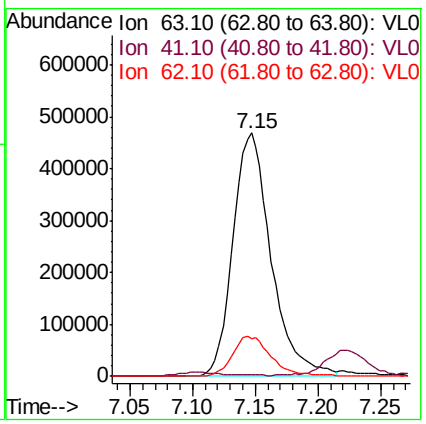


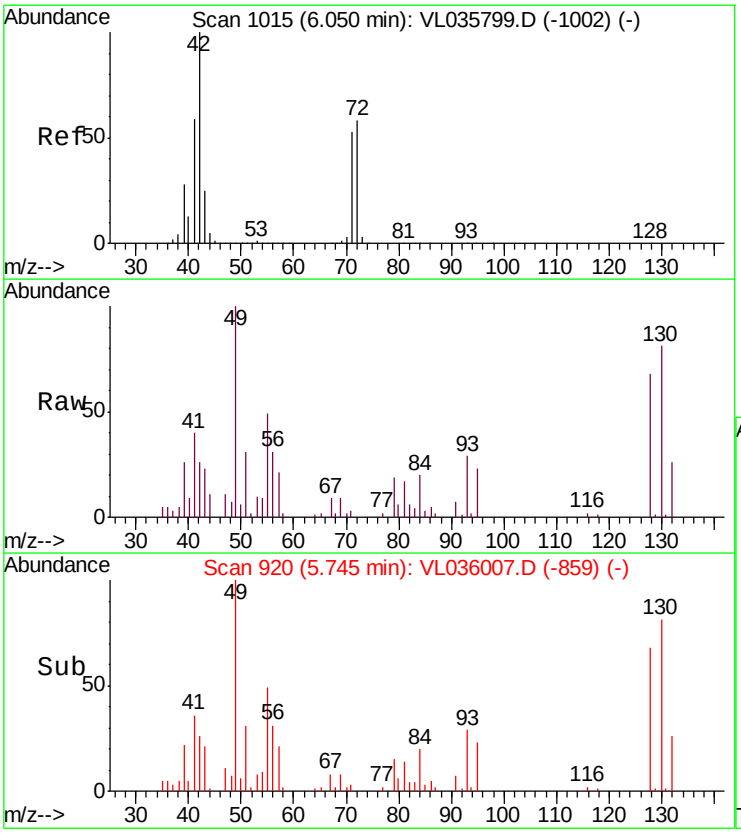
#39
1,2-Dichloropropane
Concen: 8.317 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.47 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 63 Resp: 989900

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	15.7	56.2	84.2#

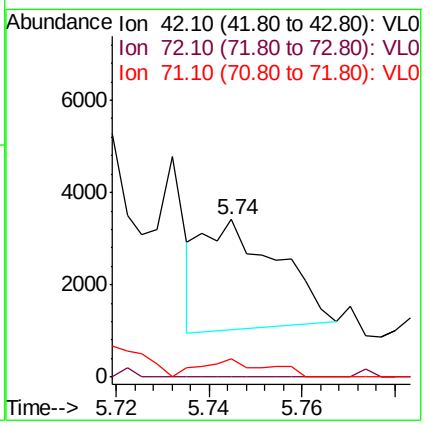


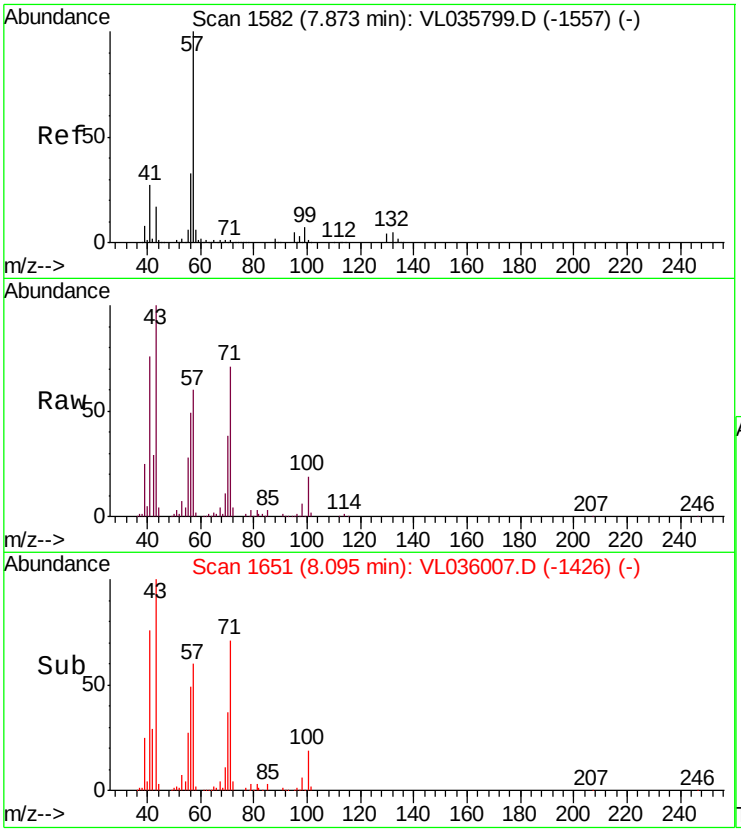


#41
Tetrahydrofuran
Concen: 0.030 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.31 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 42 Resp: 2656

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



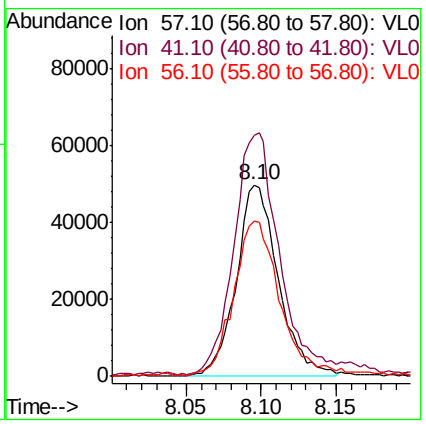


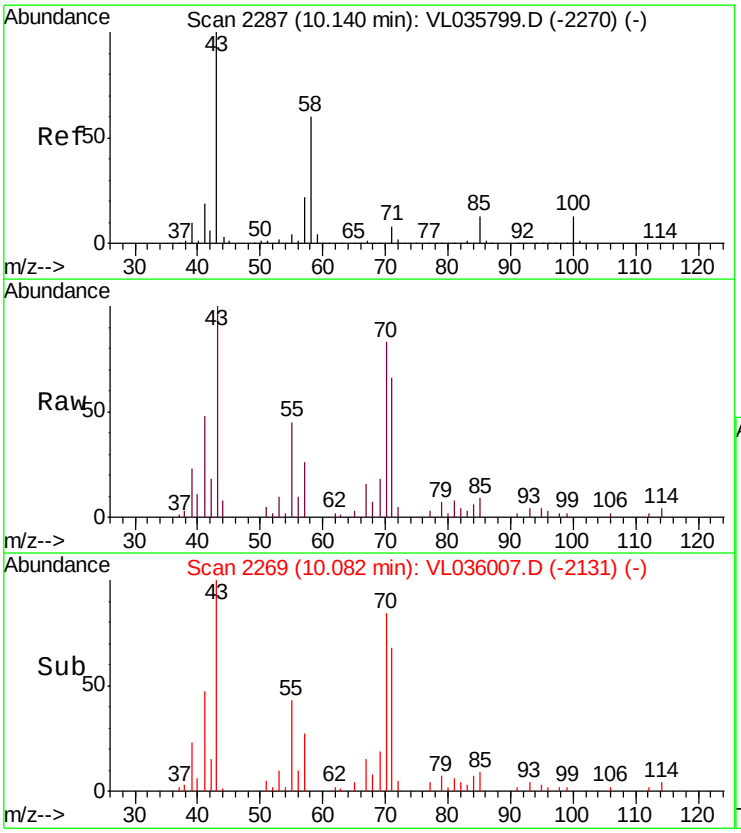
#44
2,2,4-Trimethylpentane
Concen: 0.208 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. 0.22 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 57 Resp: 97513

Ion	Ratio	Lower	Upper
57	100		
41	141.3	21.0	31.4#
56	89.5	25.4	38.0#

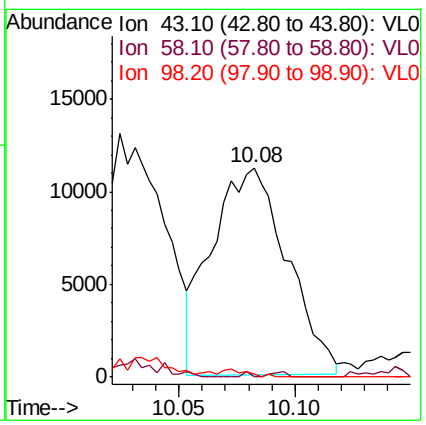


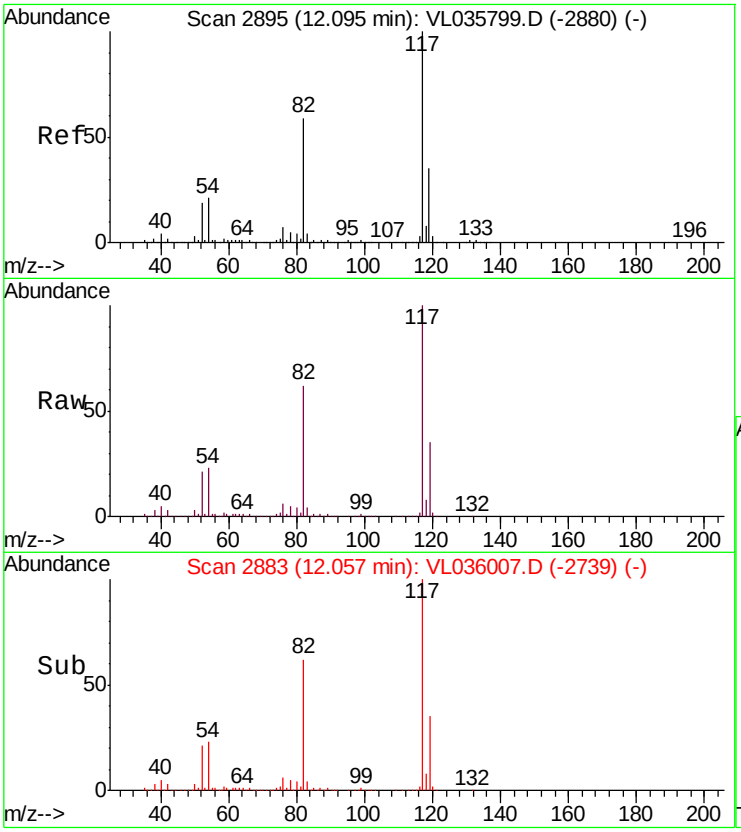


#51
2-Hexanone
Concen: 0.133 ppbv
RT: 10.08 min Scan# 2269
Delta R.T. -0.06 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 43 Resp: 25272

Ion	Ratio	Lower	Upper
43	100		
58	0.8	48.3	72.5#
98	1.6	0.6	0.8#



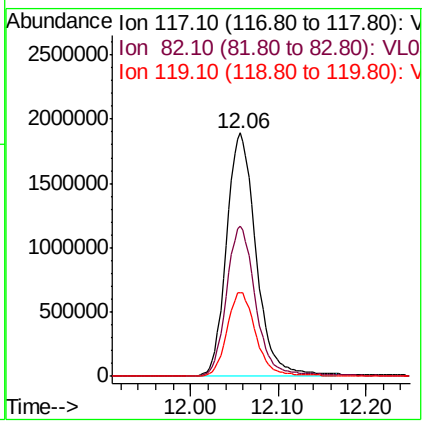


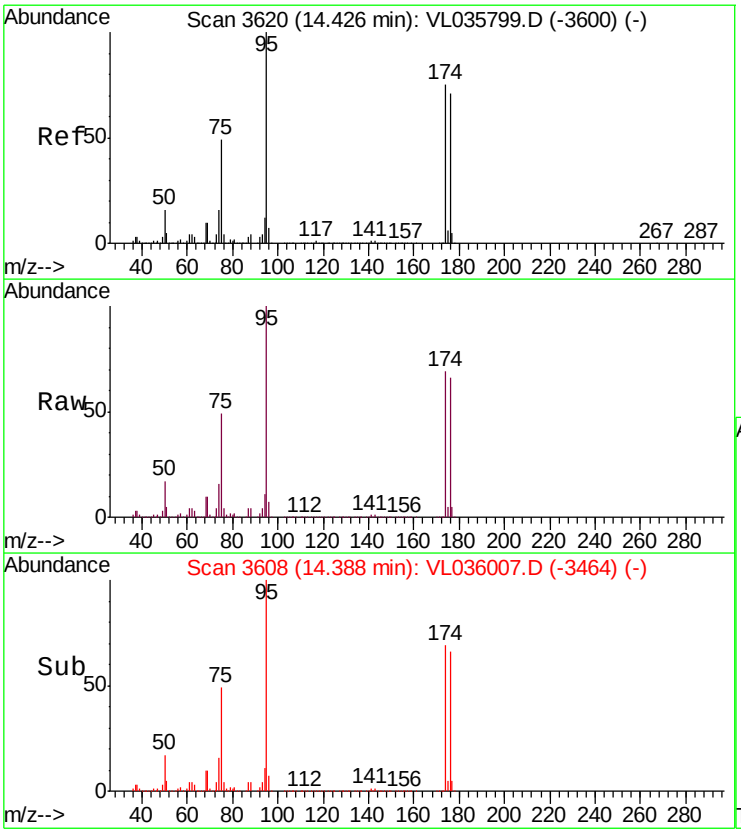
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion:117 Resp: 4444705

Ion	Ratio	Lower	Upper
117	100		
82	61.9	50.6	76.0
119	34.3	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.618 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL036007.D
Acq: 24 Nov 2020 23:40

Tgt Ion: 95 Resp: 3353079

Ion	Ratio	Lower	Upper
95	100		
174	69.4	59.8	89.6
175	5.0	4.3	6.5