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

Quantitation Report (Not Reviewed)

Data File : VL035665.D
Acq On : 17 Sep 2020 20:41
Operator : SY/AP
Sample : L3983-02DL2 100X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-7DL2

Quant Time: Sep 18 02:34:03 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	1154374	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	4456655	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	4488352	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3302845	10.36	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%				
Target Compounds							Qvalue
9) Propene	3.00	41	3401	0.069	ppbv	#	14
13) Ethanol	3.61	45	8140	0.667	ppbv		100
15) Acetone	3.85	43	1083963	8.514	ppbv		98
16) 1,3-Butadiene	3.31	39	33281	0.702	ppbv	#	6
17) tert-Butyl alcohol	4.31	59	5884	0.038	ppbv	#	71
19) Isopropyl Alcohol	3.98	45	3150	0.041	ppbv	#	93
20) Methylene Chloride	4.35	84	19405	0.205	ppbv	#	89
26) Hexane	5.69	57	5502	0.043	ppbv	#	38
34) 2-Butanone	5.26	43	79447	0.601	ppbv		100
36) Benzene	6.90	78	21805	0.076	ppbv		97
38) Trichloroethene	7.84	130	74462	0.444	ppbv		96
39) 1,2-Dichloropropane	7.18	63	863360	8.859	ppbv	#	32
52) Tetrachloroethene	11.24	164	5009399	29.724	ppbv		89
53) Toluene	9.82	91	53336	0.147	ppbv		100
58) Ethyl Benzene	12.99	91	30436	0.066	ppbv		93
59) m/p-Xylene	13.00	91	17789	0.046	ppbv	#	24
74) 1,2,4-Trimethylbenzene	16.78	105	27520	0.055	ppbv	#	60

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

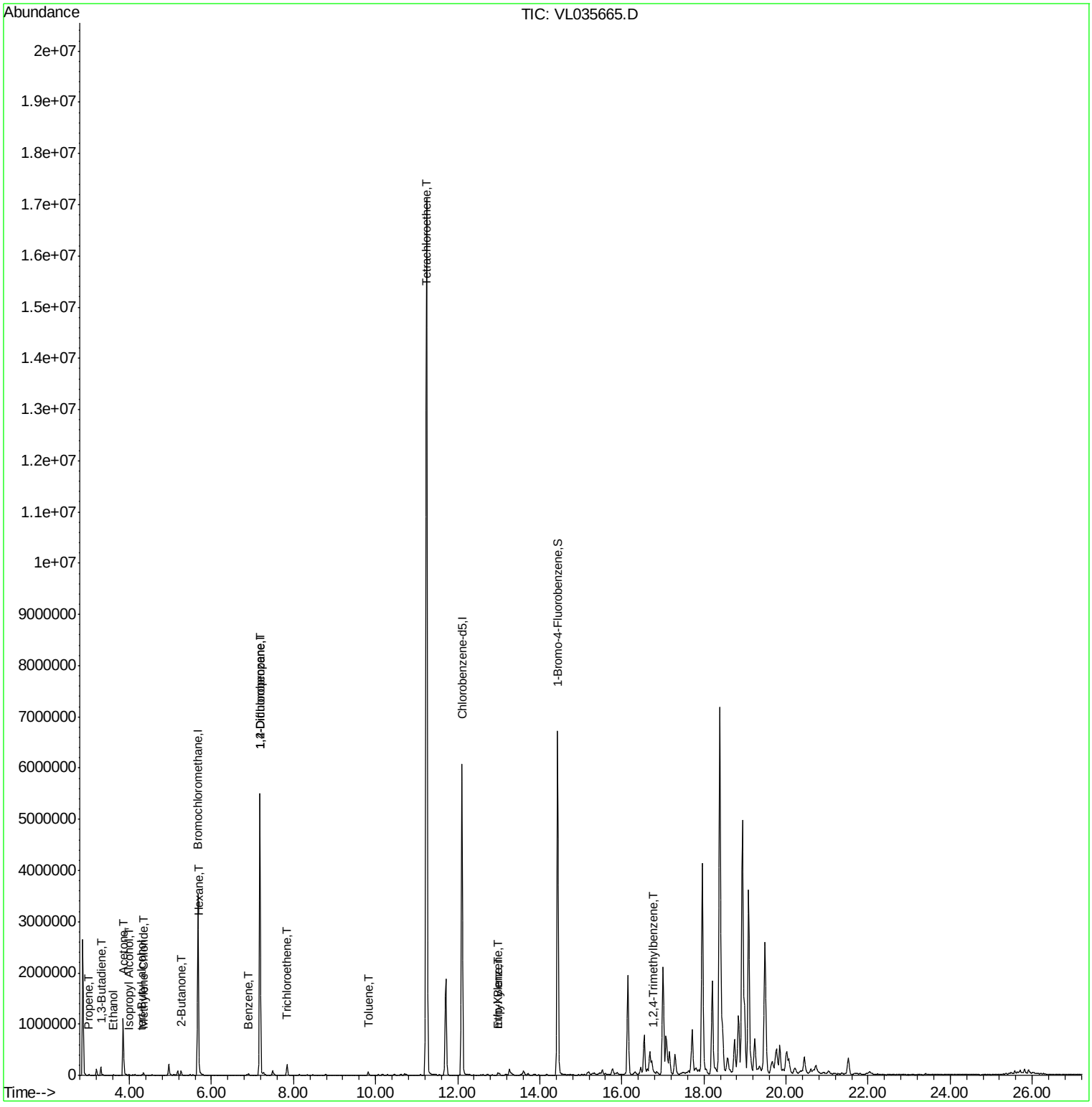
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\

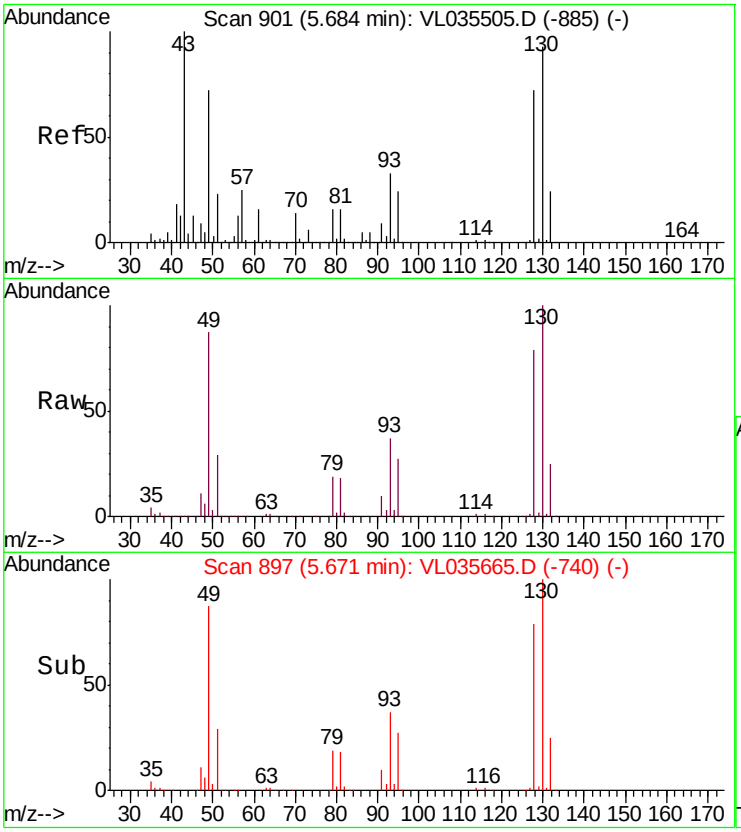
Quantitation Report (Not Reviewed)

Data File : VL035665.D
Acq On : 17 Sep 2020 20:41
Operator : SY/AP
Sample : L3983-02DL2 100X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-7DL2

Quant Time: Sep 18 02:34:03 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



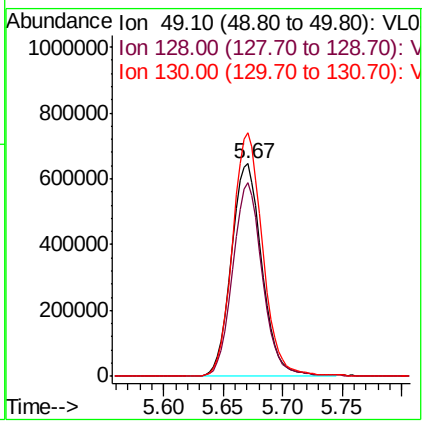


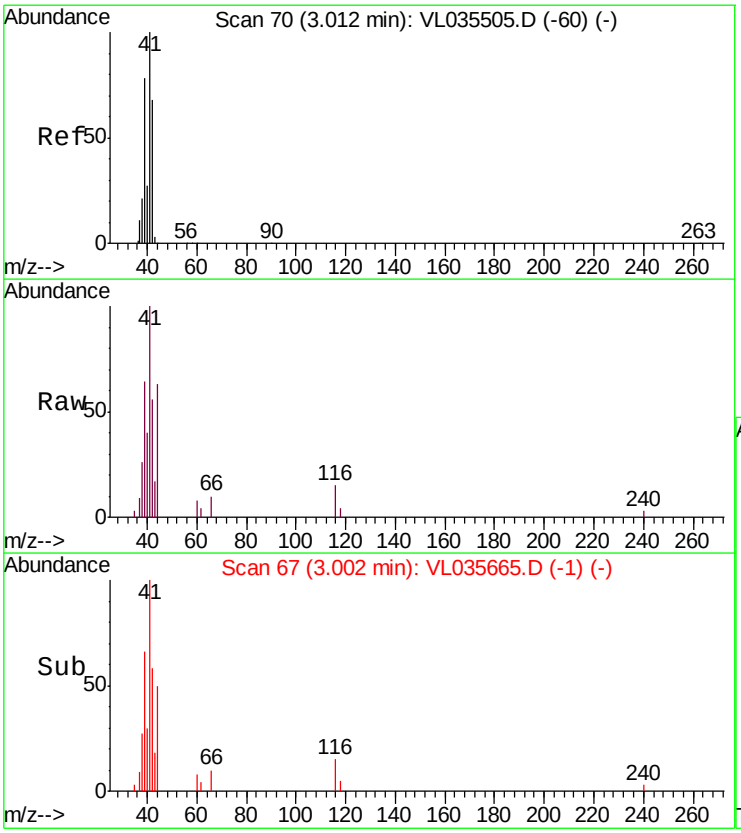
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion: 49 Resp: 1154374

Ion	Ratio	Lower	Upper
49	100		
128	89.1	50.0	150.1
130	113.3	64.4	193.2

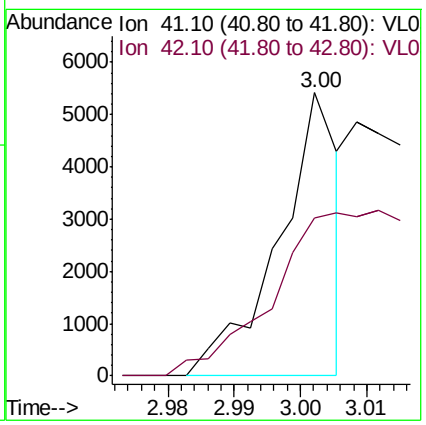


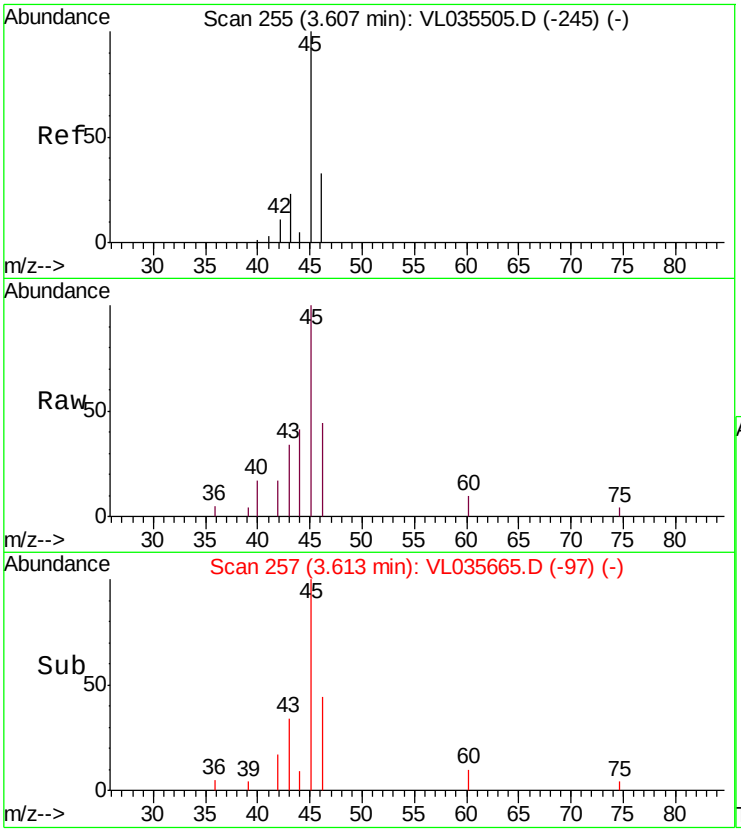


#9
Propene
Concen: 0.069 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 41 Resp: 3401

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.3	84.5#



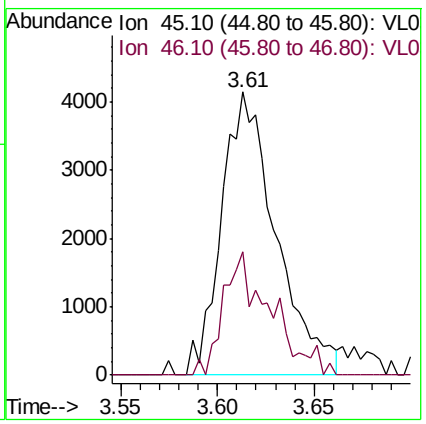


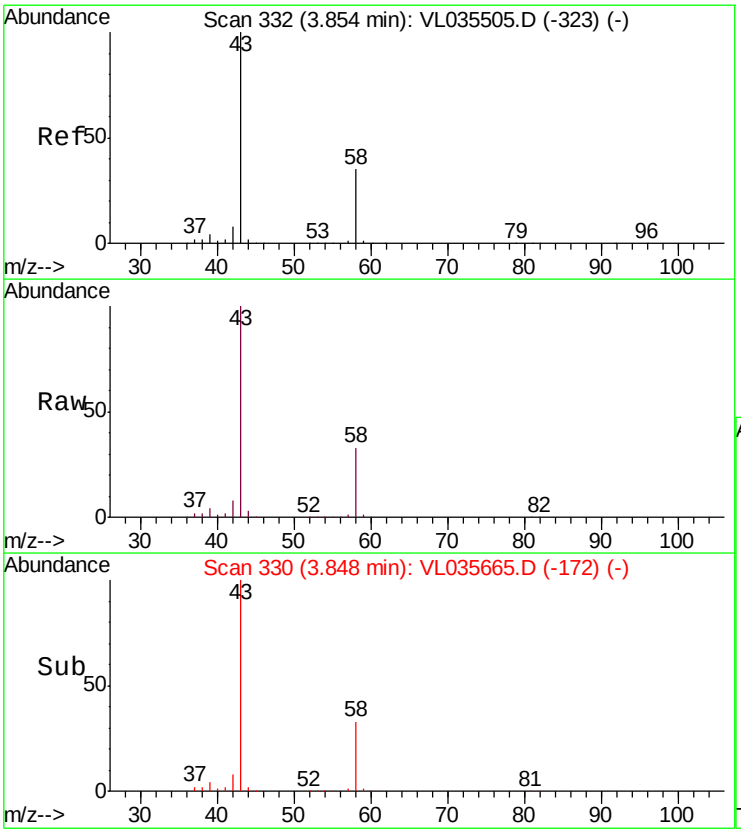
#13
Ethanol
Concen: 0.667 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.02 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion: 45 Resp: 8140

Ion	Ratio	Lower	Upper
45	100		
46	37.7	15.2	60.6

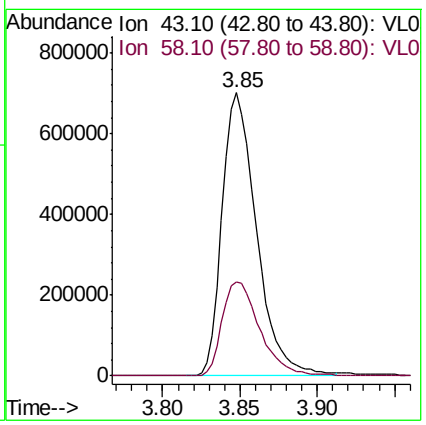


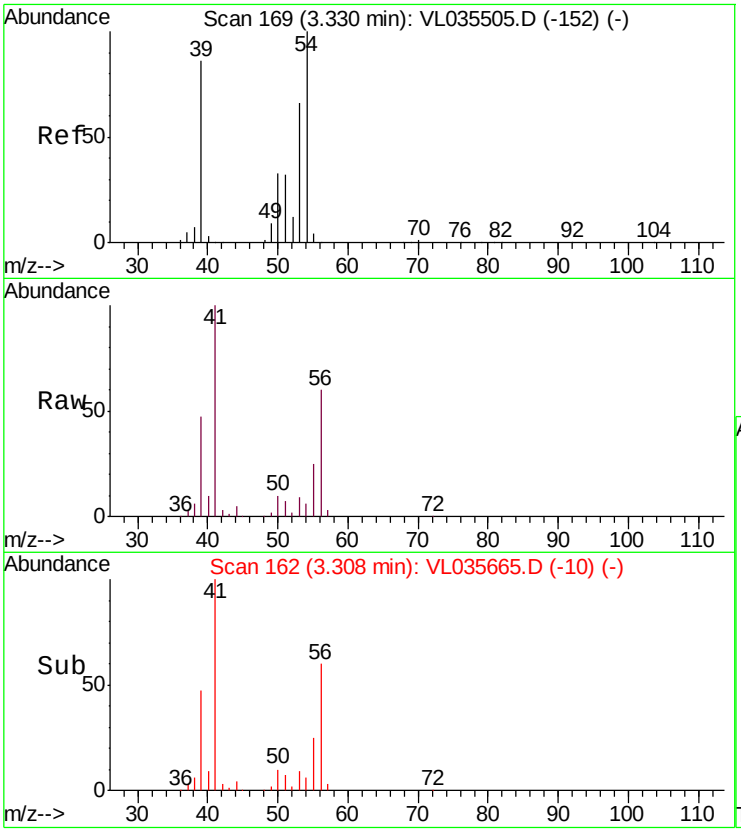


#15
Acetone
Concen: 8.514 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 43 Resp: 1083963

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.4	42.6



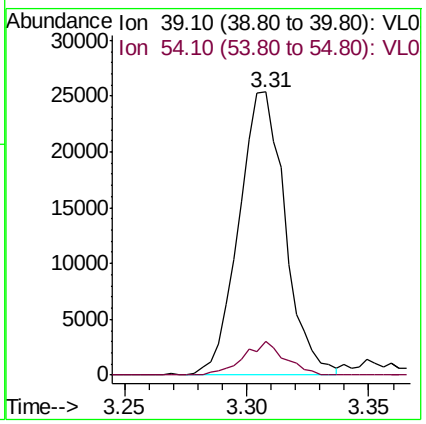


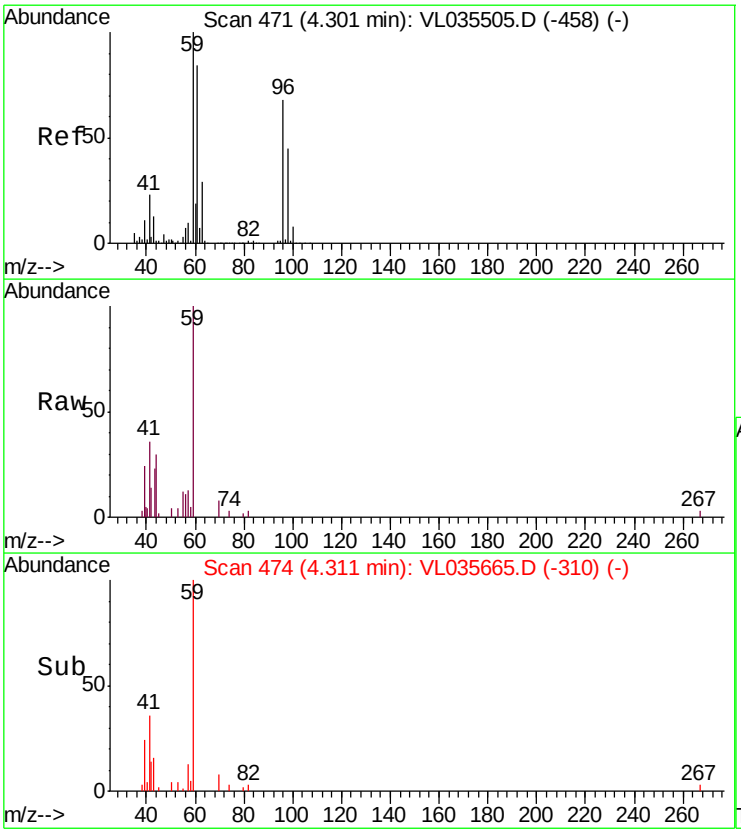
#16
1,3-Butadiene
Concen: 0.702 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion: 39 Resp: 33281

Ion	Ratio	Lower	Upper
39	100		
54	10.6	88.4	132.6#

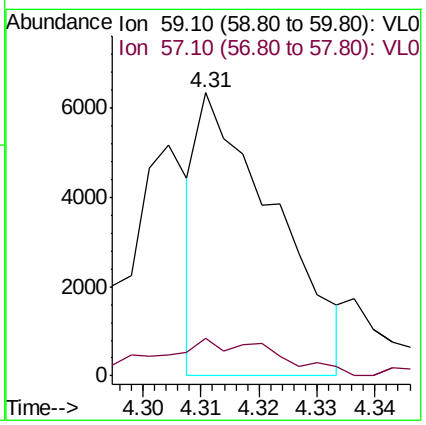


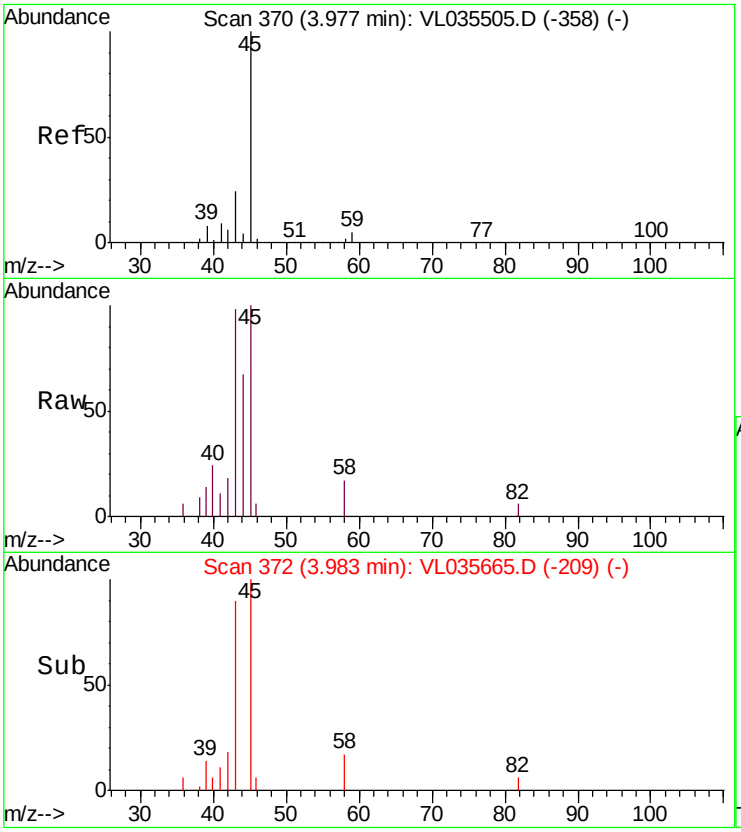


#17
tert-Butyl alcohol
Concen: 0.038 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.03 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 59 Resp: 5884

Ion	Ratio	Lower	Upper
59	100		
57	21.3	8.4	12.6#



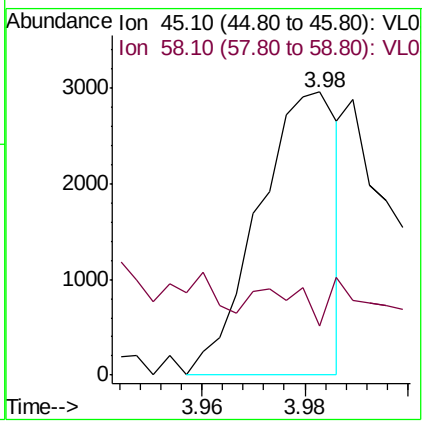


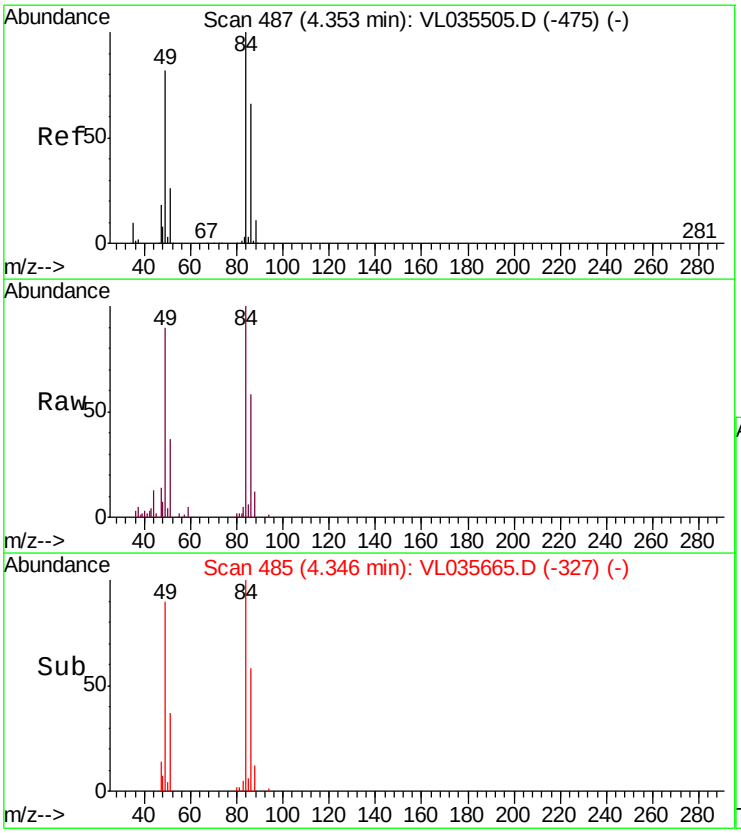
#19
Isopropyl Alcohol
Concen: 0.041 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.03 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion: 45 Resp: 3150

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

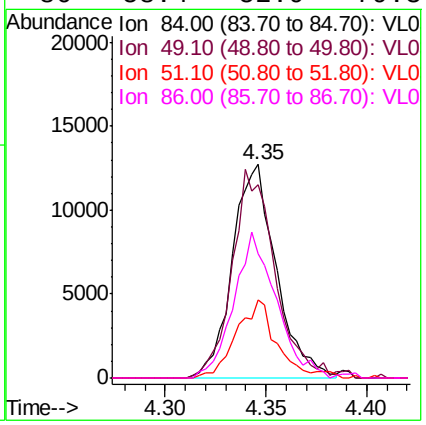


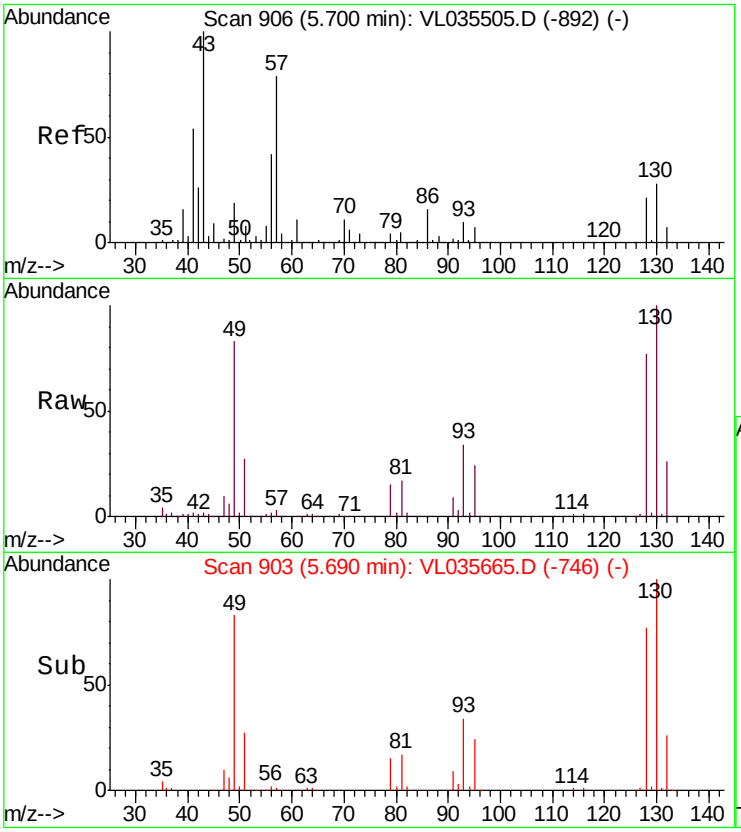


#20
Methylene Chloride
Concen: 0.205 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 84 Resp: 19405

Ion	Ratio	Lower	Upper
84	100		
49	90.2	65.4	98.0
51	36.6	21.5	32.3#
86	58.4	52.9	79.3



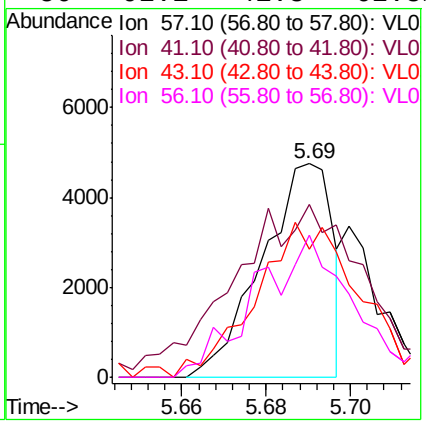


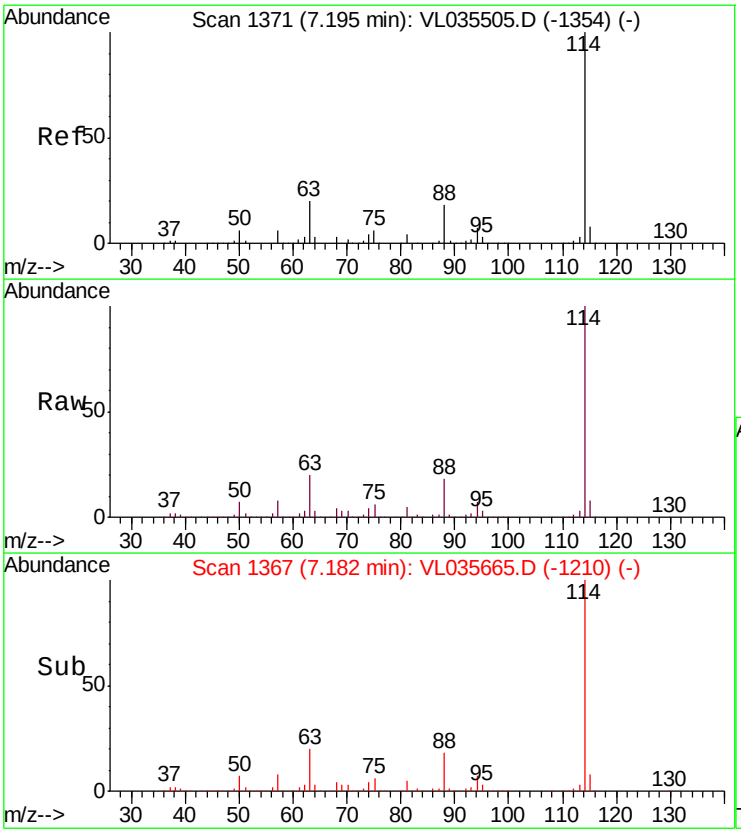
#26
Hexane
Concen: 0.043 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument : MSVOA_L
ClientSampleId : SV-7DL2

Tgt Ion: 57 Resp: 5502

Ion	Ratio	Lower	Upper
57	100		
41	156.9	55.9	83.9#
43	112.8	141.8	212.8#
56	92.1	41.8	62.8#

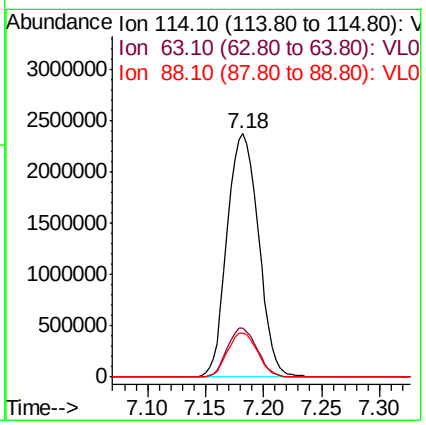


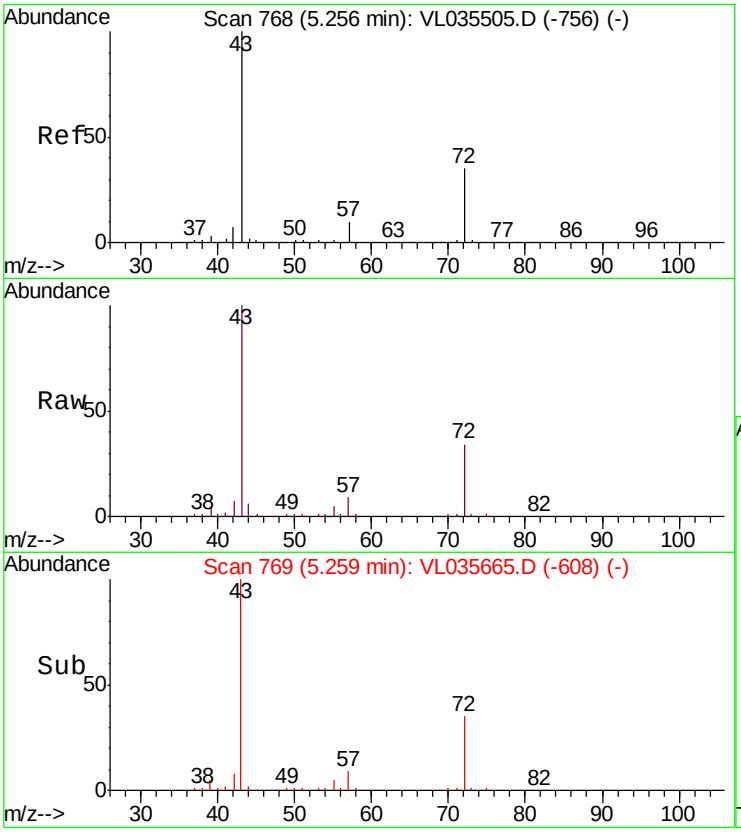


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion:114 Resp: 4456655

Ion	Ratio	Lower	Upper
114	100		
63	19.4	14.7	22.1
88	17.4	13.4	20.2



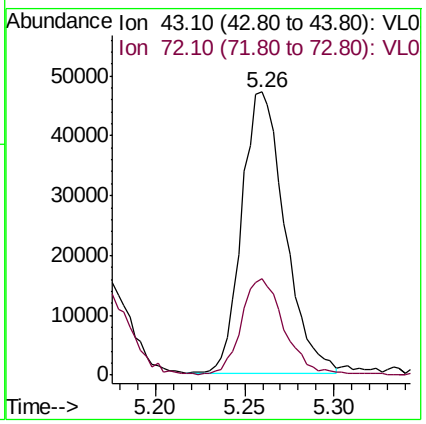


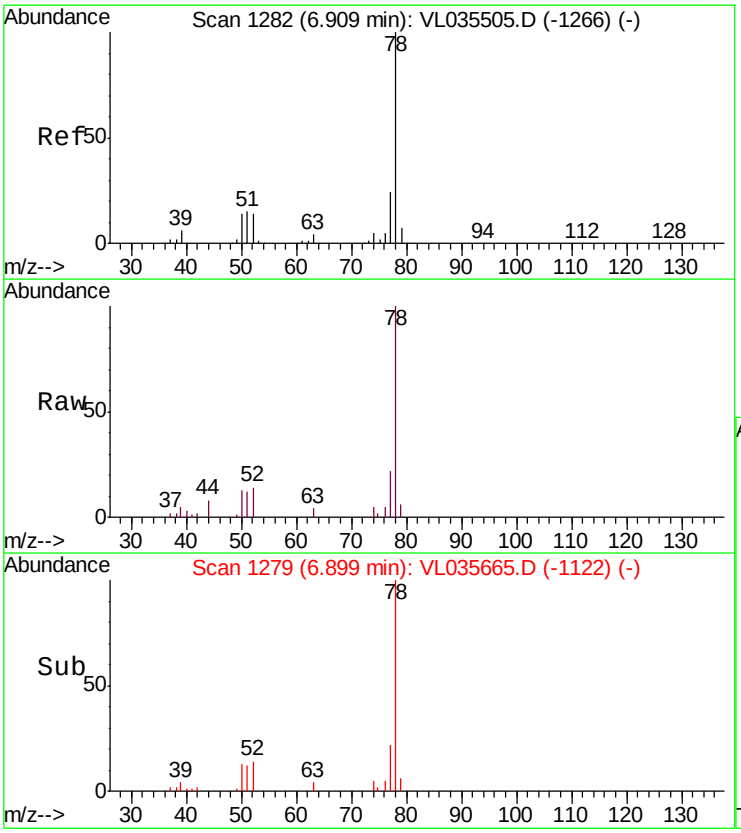
#34
2-Butanone
Concen: 0.601 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.02 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion: 43 Resp: 79447

Ion	Ratio	Lower	Upper
43	100		
72	34.6	27.7	41.5

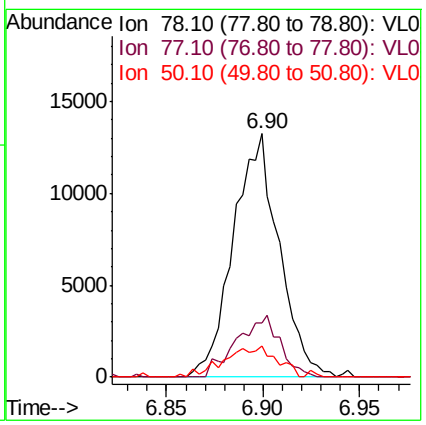


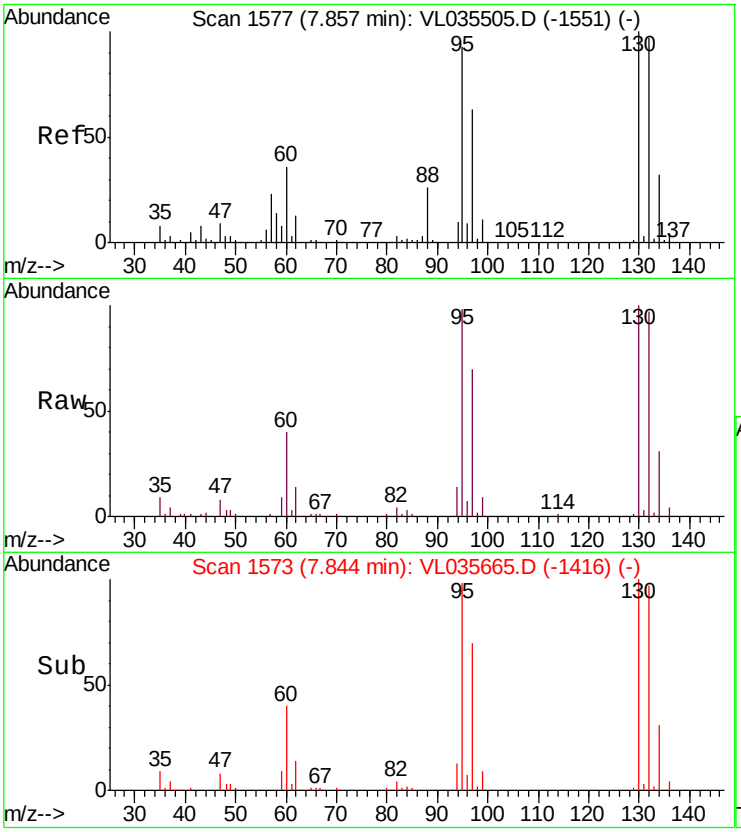


#36
Benzene
Concen: 0.076 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 78 Resp: 21805

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.3	28.9
50	12.7	11.0	16.6



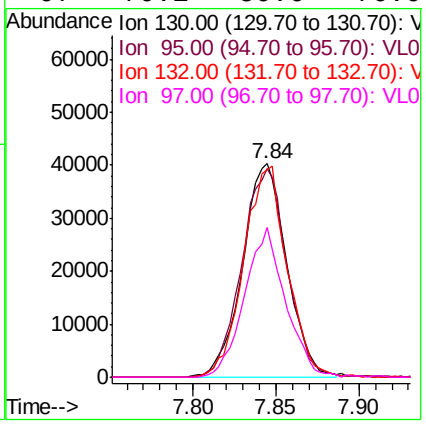


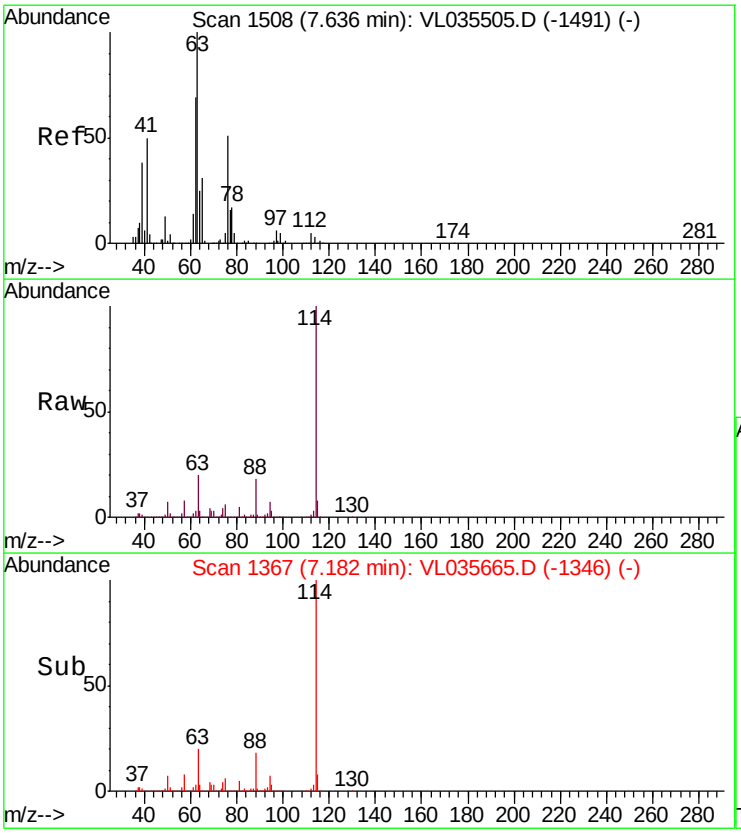
#38
Trichloroethene
Concen: 0.444 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument : MSVOA_L
ClientSampleId : SV-7DL2

Tgt Ion:130 Resp: 74462

Ion	Ratio	Lower	Upper
130	100		
95	97.6	74.6	112.0
132	97.1	77.6	116.4
97	70.1	50.6	76.0

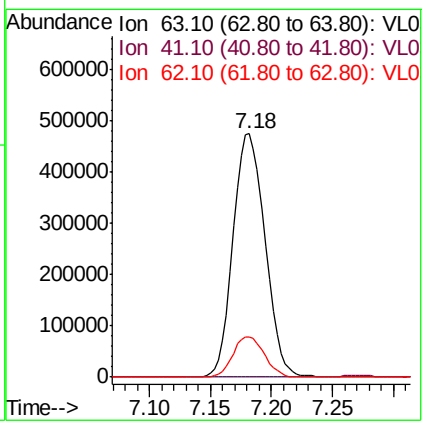


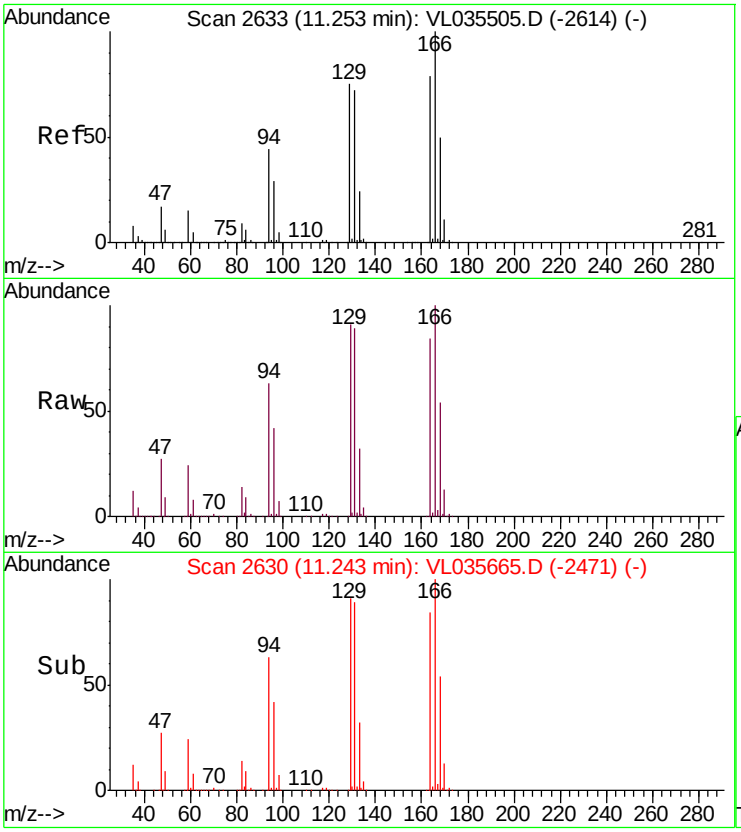


#39
1,2-Dichloropropane
Concen: 8.859 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.43 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 63 Resp: 863360

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.6	55.4	83.0#



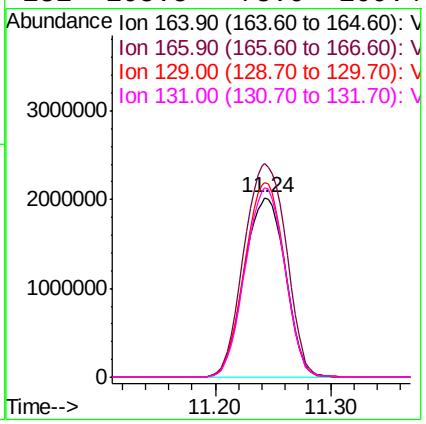


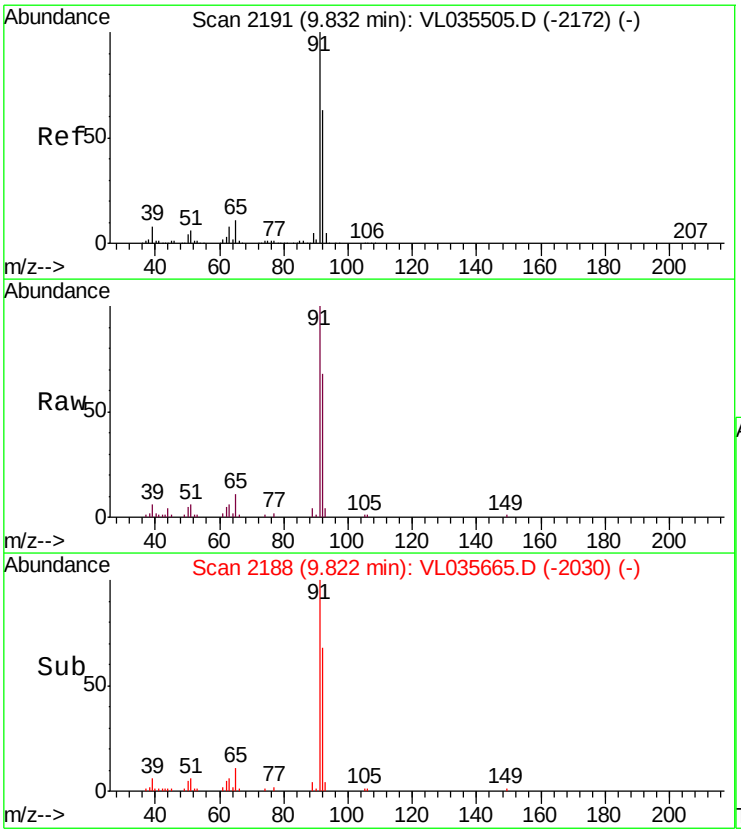
#52
Tetrachloroethene
Concen: 29.724 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument : MSVOA_L
ClientSampleId : SV-7DL2

Tgt Ion:164 Resp: 5009399

Ion	Ratio	Lower	Upper
164	100		
166	119.1	100.9	151.3
129	108.8	75.3	112.9
131	105.5	73.0	109.4

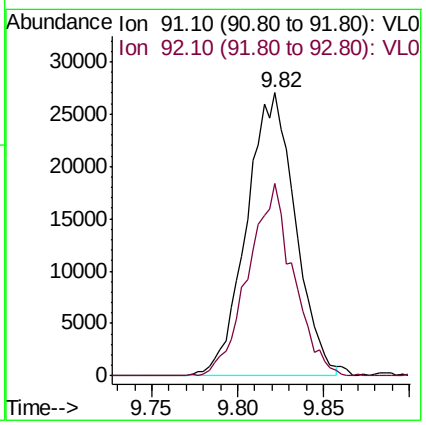


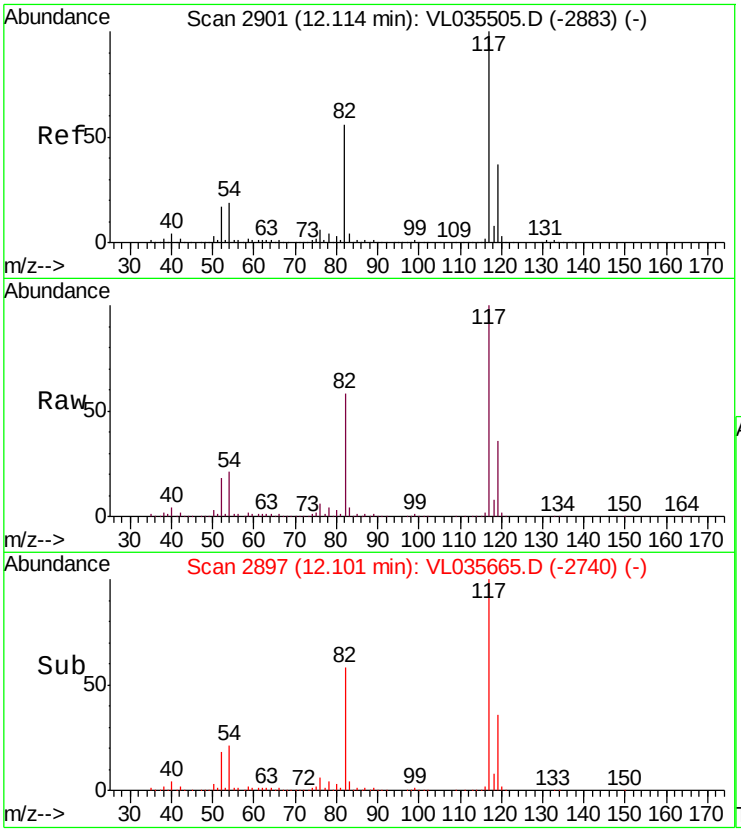


#53
Toluene
Concen: 0.147 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 91 Resp: 53336

Ion	Ratio	Lower	Upper
91	100		
92	62.5	49.8	74.8



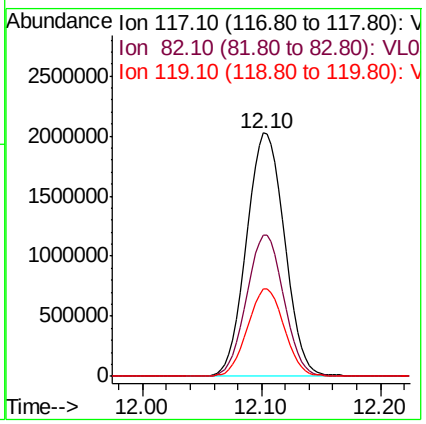


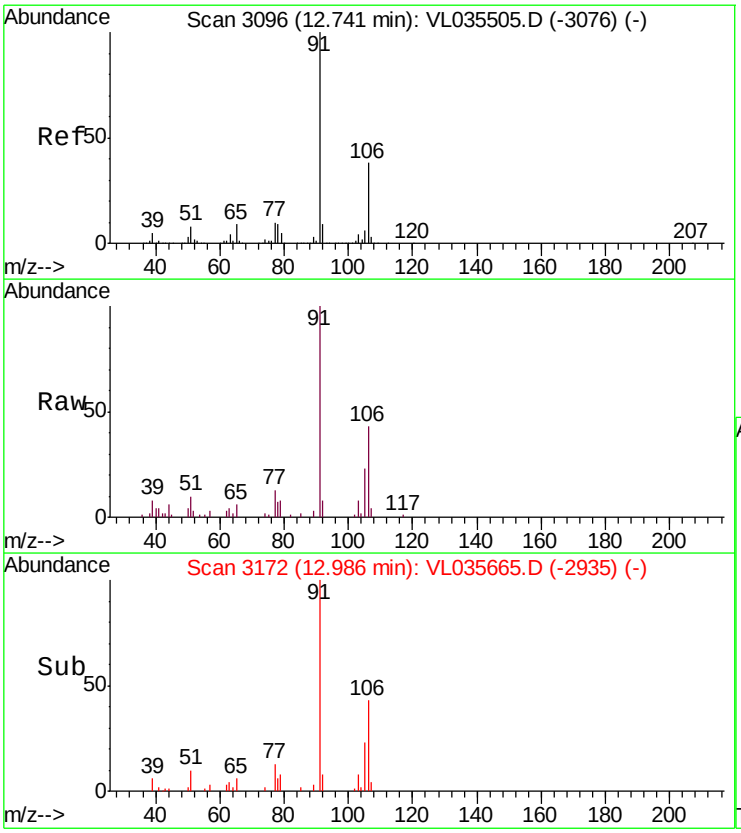
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion:117 Resp: 4488352

Ion	Ratio	Lower	Upper
117	100		
82	57.3	41.6	62.4
119	34.8	29.3	43.9

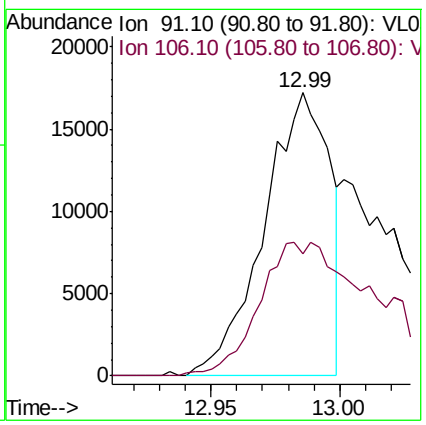


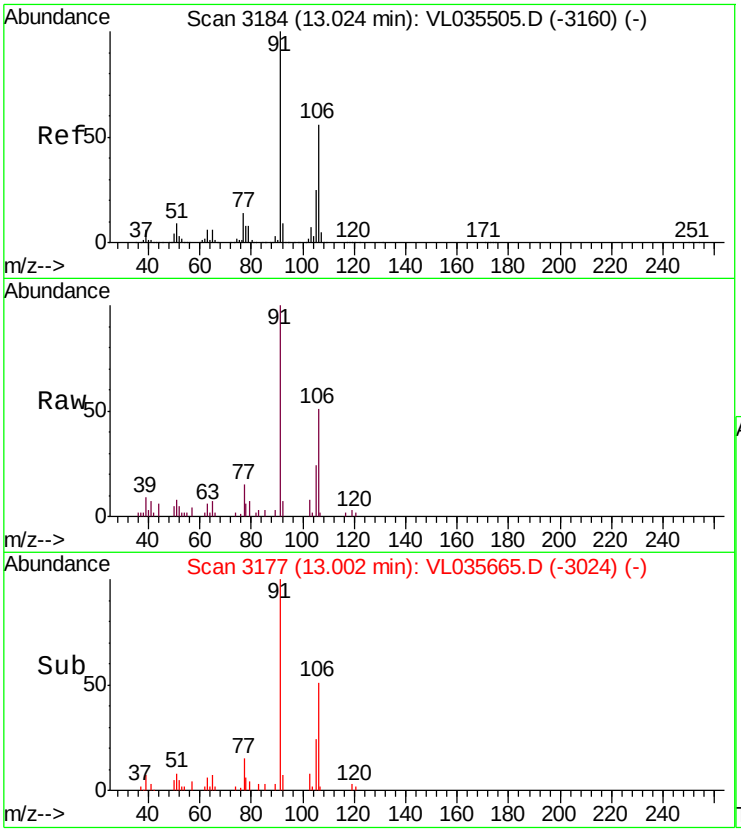


#58
Ethyl Benzene
Concen: 0.066 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. 0.26 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 91 Resp: 30436

Ion	Ratio	Lower	Upper
91	100		
106	41.9	30.3	45.5



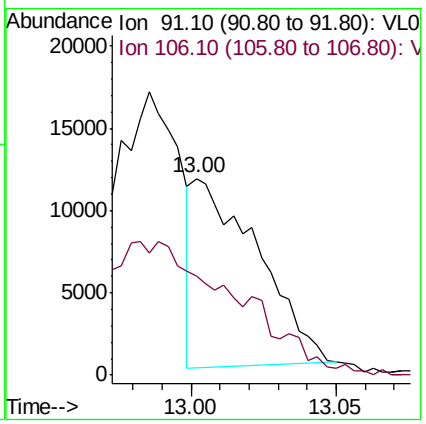


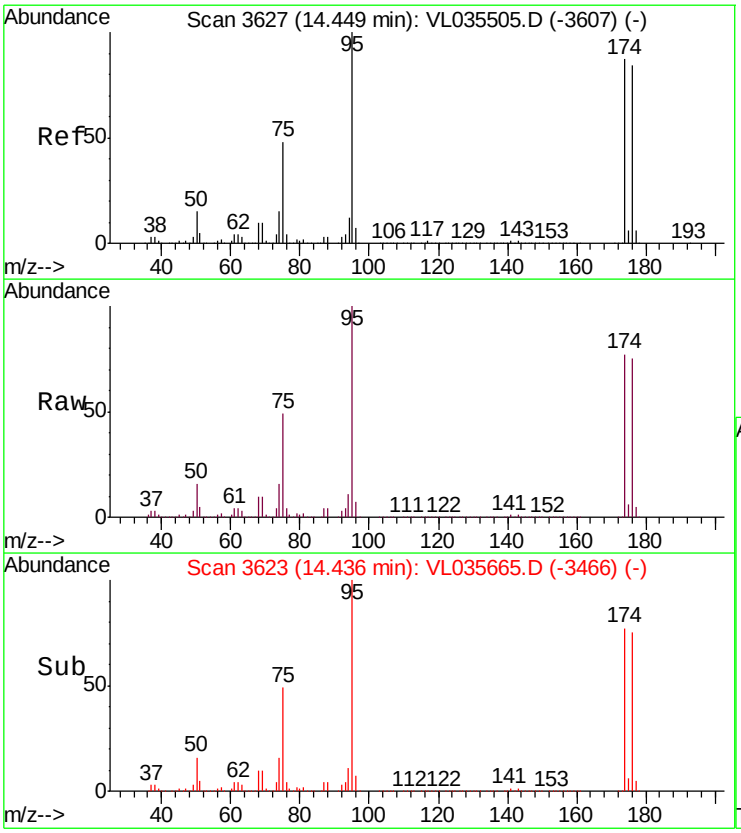
#59
m/p-Xylene
Concen: 0.046 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument : MSVOA_L
ClientSampleId : SV-7DL2

Tgt Ion: 91 Resp: 17789

Ion	Ratio	Lower	Upper
91	100		
106	0.0	43.4	65.2#

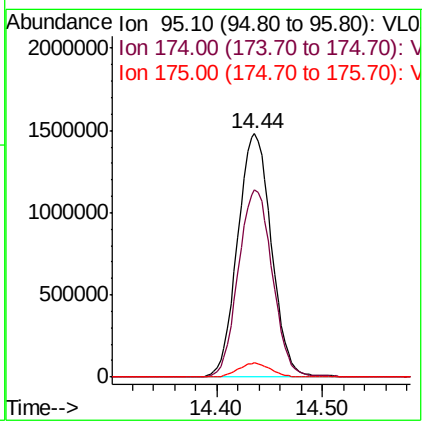


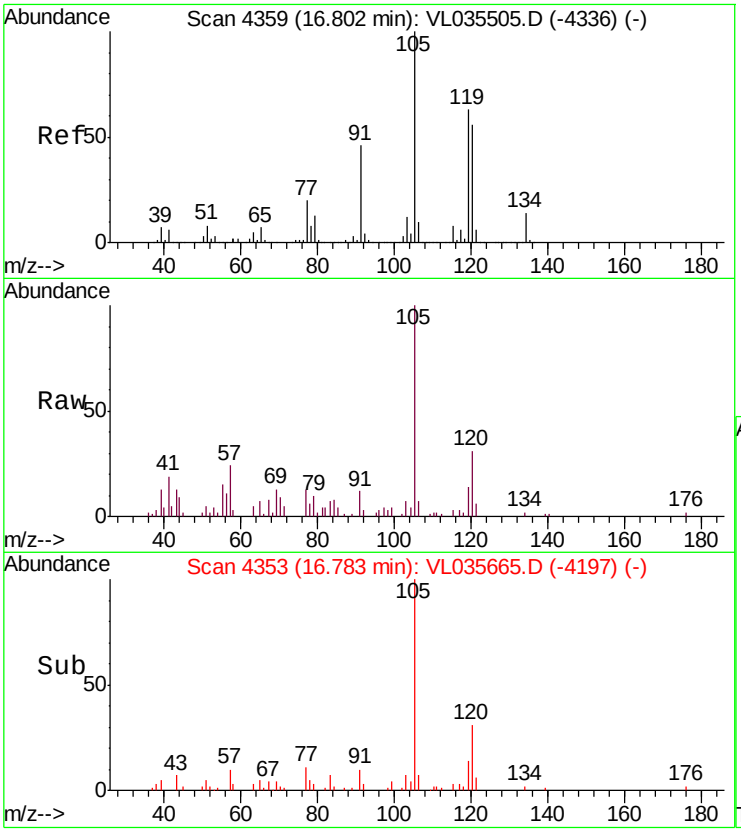


#68
1-Bromo-4-Fluorobenzene
Concen: 10.362 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Tgt Ion: 95 Resp: 3302845

Ion	Ratio	Lower	Upper
95	100		
174	78.1	69.6	104.4
175	5.6	5.1	7.7





#74
1,2,4-Trimethylbenzene
Concen: 0.055 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. 0.00 min
Lab File: VL035665.D
Acq: 17 Sep 2020 20:41

Instrument :
MSVOA_L
ClientSampleId :
SV-7DL2

Tgt Ion:105 Resp: 27520

Ion	Ratio	Lower	Upper
105	100		
120	30.4	44.4	66.6#
91	9.0	37.1	55.7#
77	12.0	16.0	24.0#