Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092120\
Data File : VL035700.D
Acq On : 22 Sep 2020 00:03
Operator : SY/AP
Sample : L3983-01DL 300X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Quant Time: Sep 22 01:30:31 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	5.64	49	1034141	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.15	114	3704565	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.08	117	3778284	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2756290	10.27	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%				
Target Compounds							Qvalue
5) Vinyl Chloride	3.24	62	4812	0.064	ppbv		90
9) Propene	3.33	41	1655	0.038	ppbv		95
13) Ethanol	3.60	45	2683	0.245	ppbv		94
15) Acetone	3.84	43	240310	2.107	ppbv		97
18) 1,1-Dichloroethene	4.27	96	18696	0.215	ppbv		96
20) Methylene Chloride	4.32	84	21180	0.249	ppbv		97
22) trans-1,2-Dichloroethene	4.86	96	32858	0.355	ppbv		93
26) Hexane	5.66	57	5236	0.046	ppbv	#	46
31) cis-1,2-Dichloroethene	5.52	61	1114274	9.513	ppbv		95
36) Benzene	6.87	78	7847	0.033	ppbv		93
38) Trichloroethene	7.81	130	4721630	33.897	ppbv		93
39) 1,2-Dichloropropane	7.81	63	18490	0.228	ppbv	#	1
42) Bromodichloromethane	7.81	83	63154	0.342	ppbv	#	89
44) 2,2,4-Trimethylpentane	7.85	57	106385	0.337	ppbv	#	91
50) 4-Methyl-2-Pentanone	8.74	43	6877	0.043	ppbv	#	30
52) Tetrachloroethene	11.21	164	7215176	51.503	ppbv	#	81

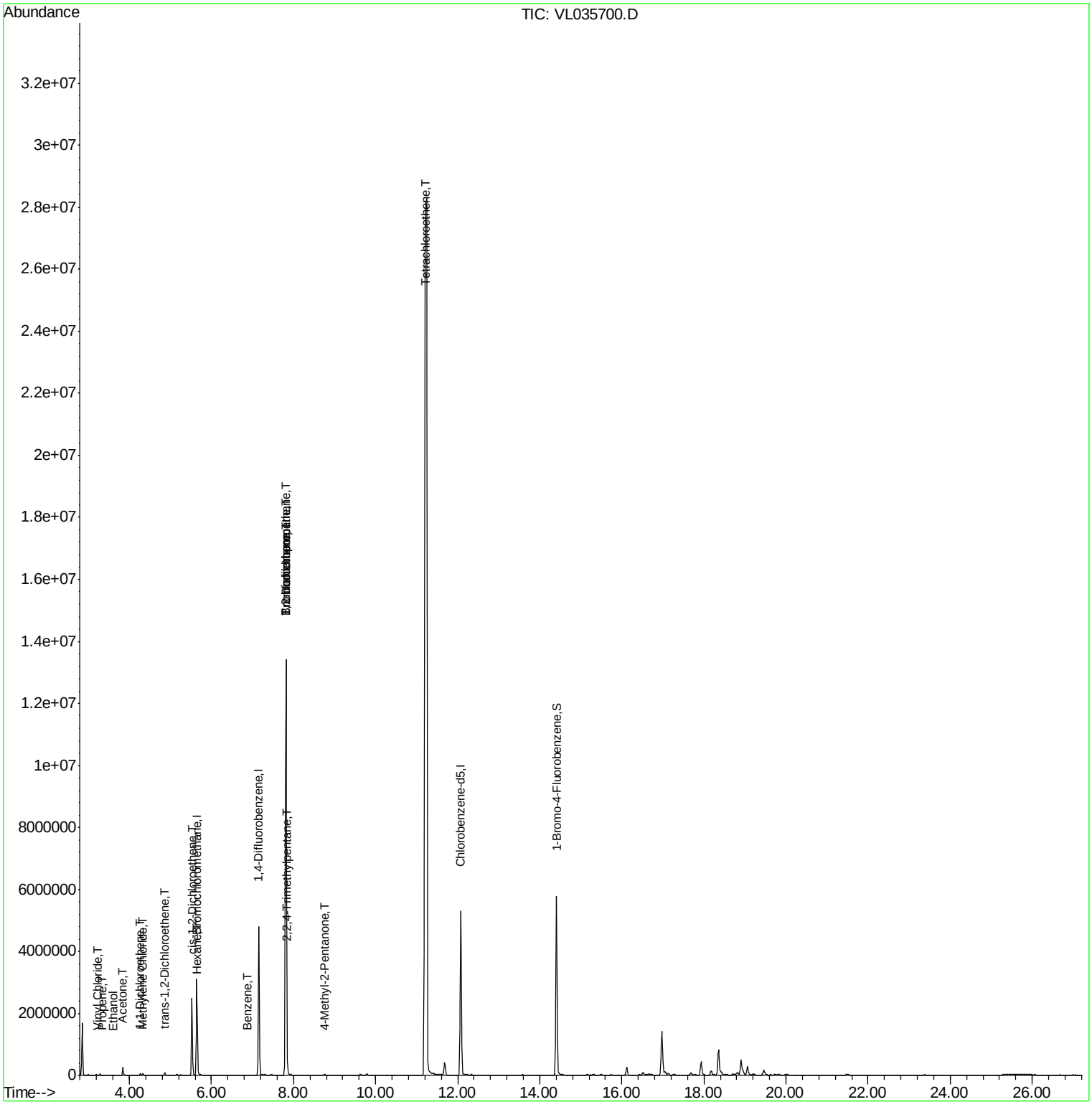
(#) = qualifier out of range (m) = manual integration (+) = signals summed

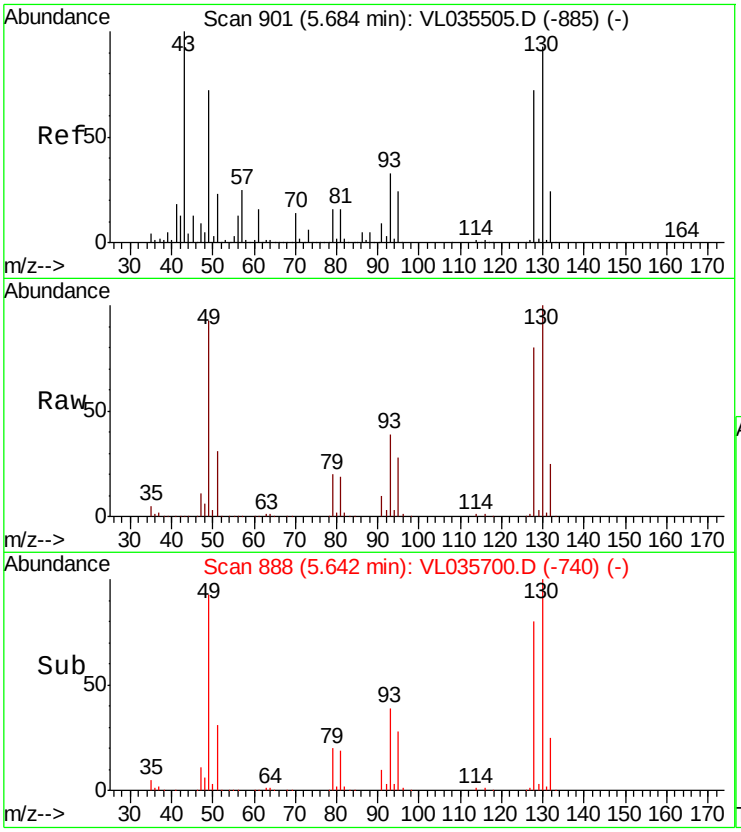
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092120\
Data File : VL035700.D
Acq On : 22 Sep 2020 00:03
Operator : SY/AP
Sample : L3983-01DL 300X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Quant Time: Sep 22 01:30:31 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



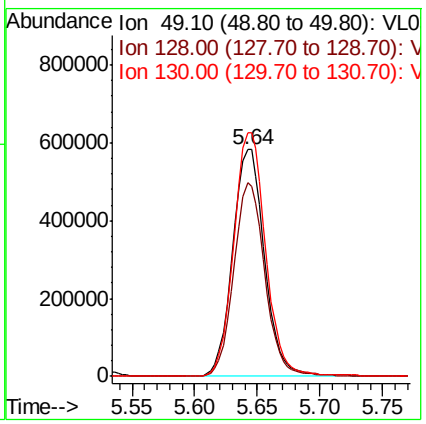


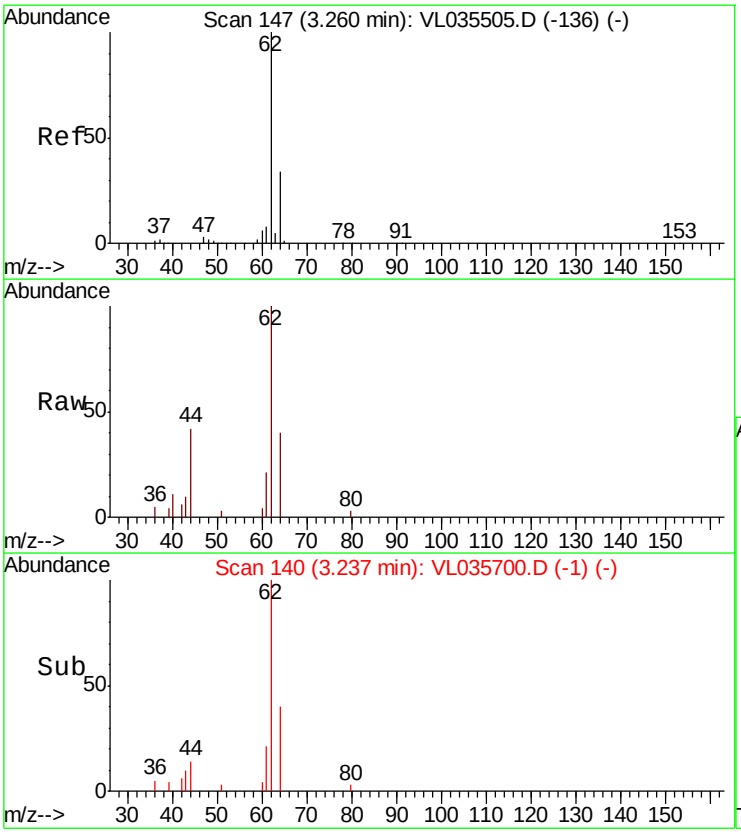
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

Tgt Ion: 49 Resp: 1034141

Ion	Ratio	Lower	Upper
49	100		
128	83.7	50.0	150.1
130	107.6	64.4	193.2

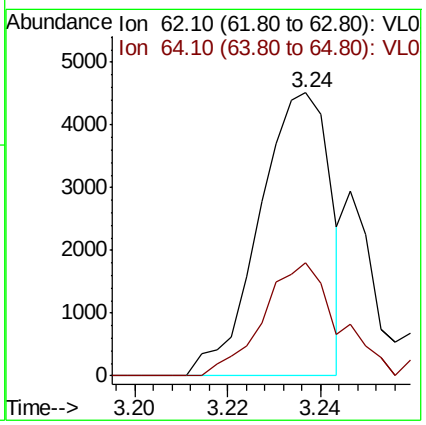


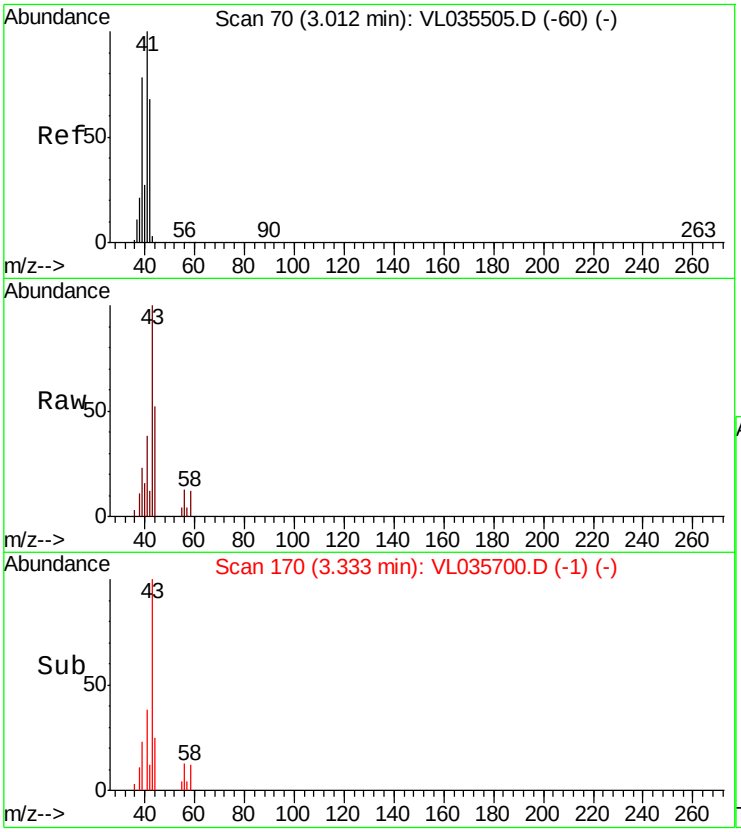


#5
Vinyl Chloride
Concen: 0.064 ppbv
RT: 3.24 min Scan# 140
Delta R.T. -0.01 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 62 Resp: 4812

Ion	Ratio	Lower	Upper
62	100		
64	40.2	27.4	41.2



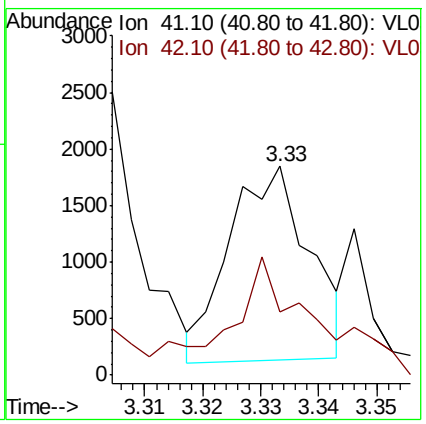


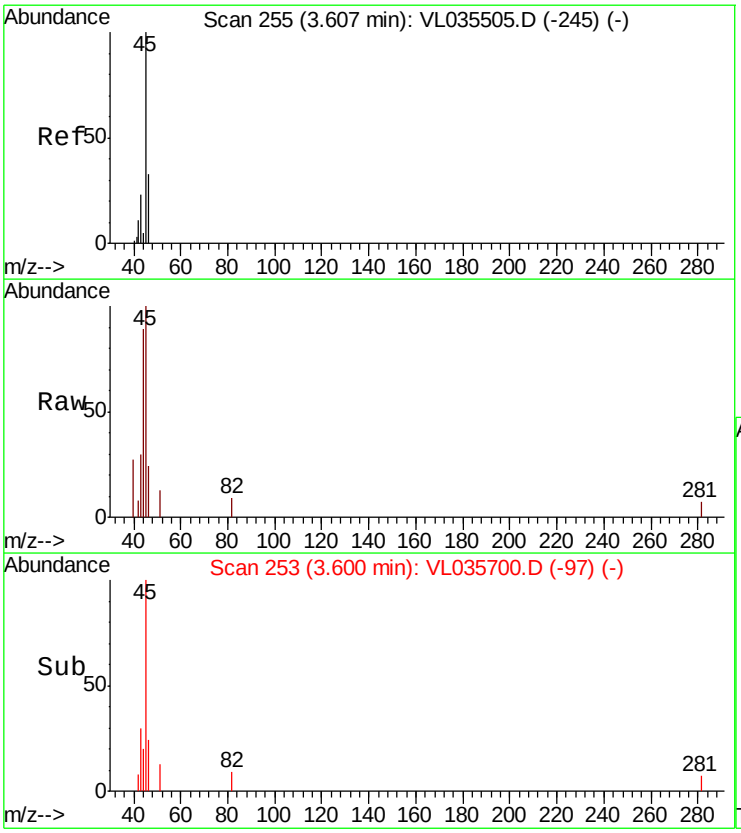
#9
Propene
Concen: 0.038 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.34 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

Tgt Ion: 41 Resp: 1655

Ion	Ratio	Lower	Upper
41	100		
42	66.5	56.3	84.5

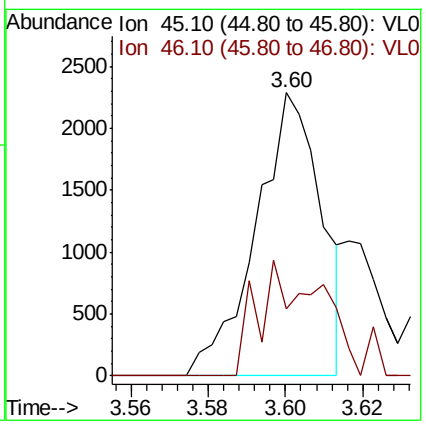


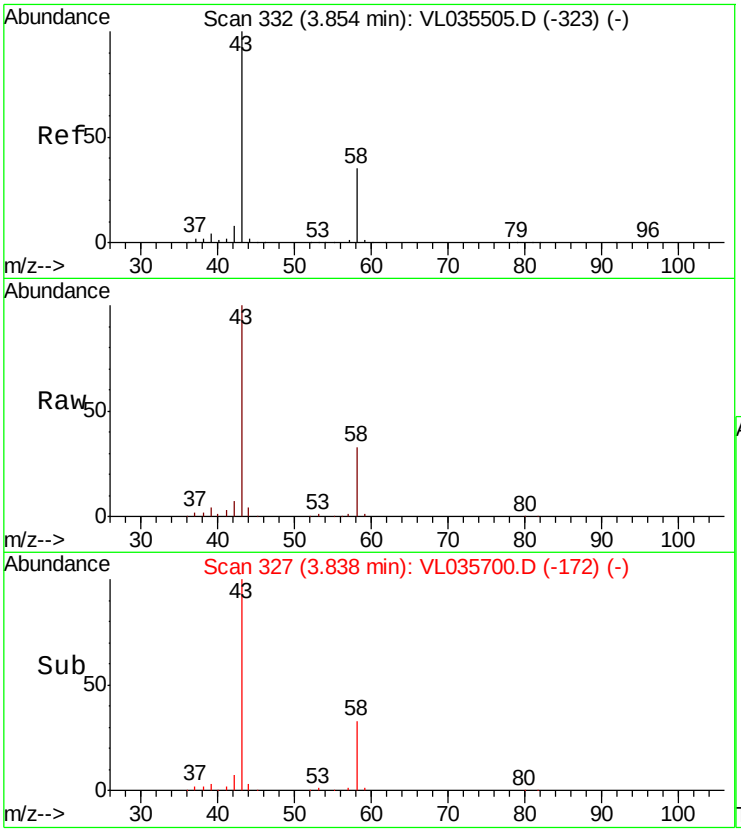


#13
Ethanol
Concen: 0.245 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 45 Resp: 2683

Ion	Ratio	Lower	Upper
45	100		
46	41.4	15.2	60.6



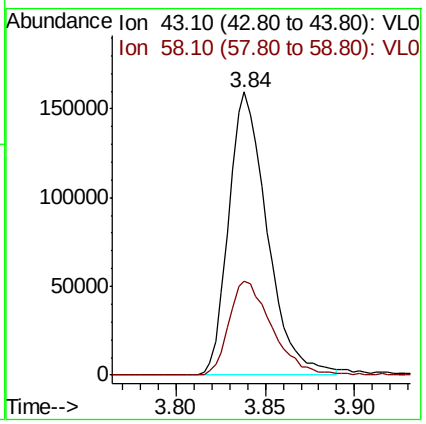


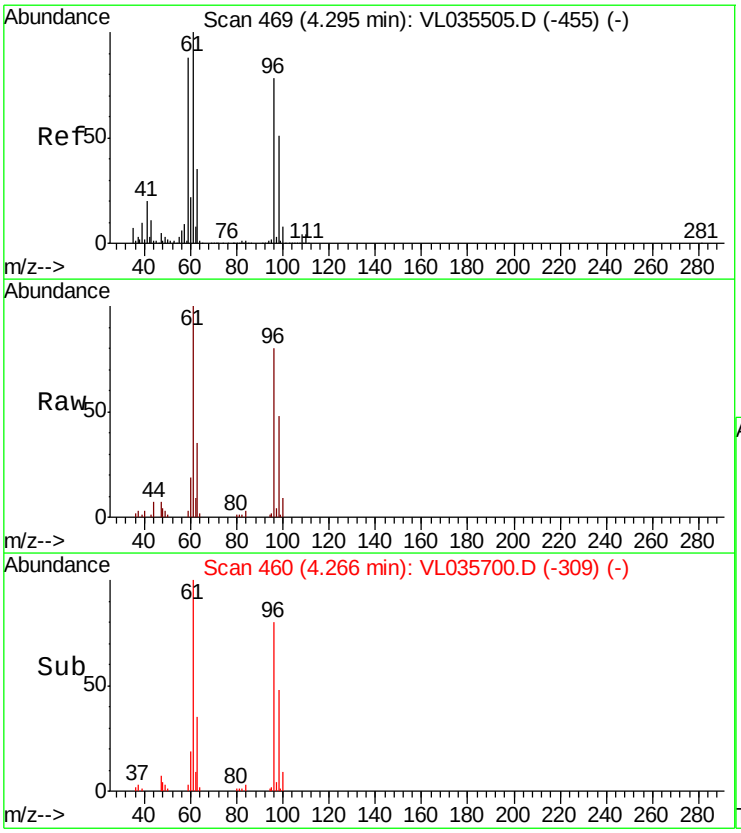
#15
Acetone
Concen: 2.107 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Tgt Ion: 43 Resp: 240310

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.4	42.6

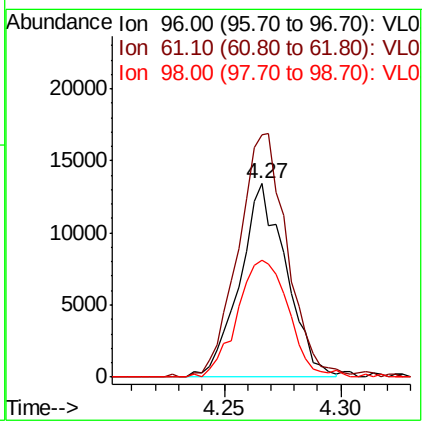


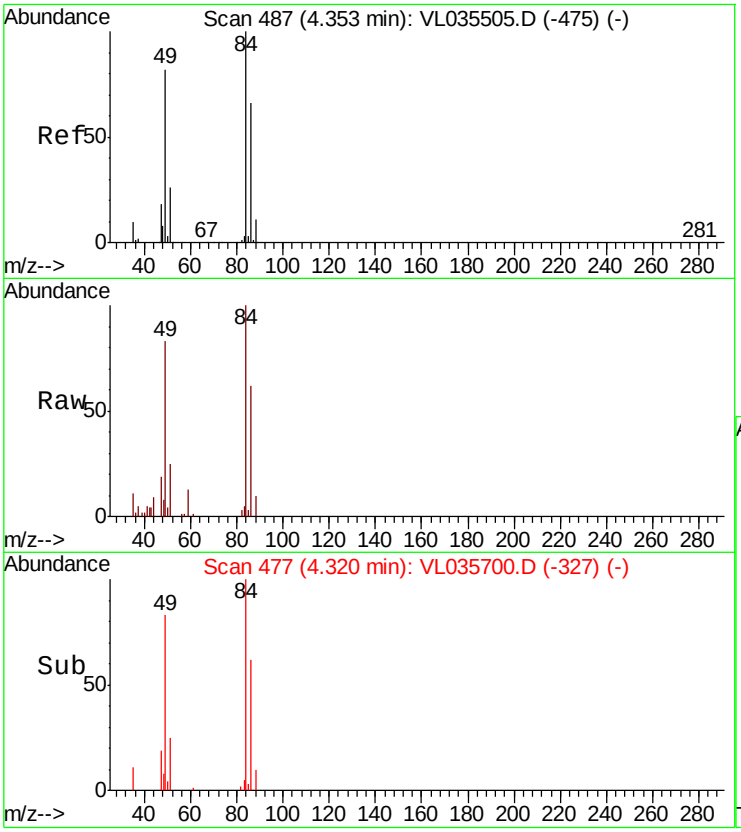


#18
1,1-Dichloroethene
Concen: 0.215 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.01 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 96 Resp: 18696

Ion	Ratio	Lower	Upper
96	100		
61	125.5	103.0	154.6
98	60.4	52.8	79.2



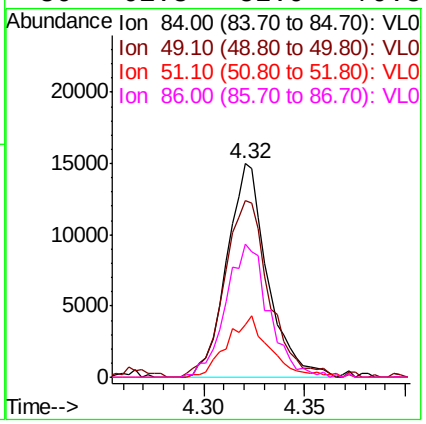


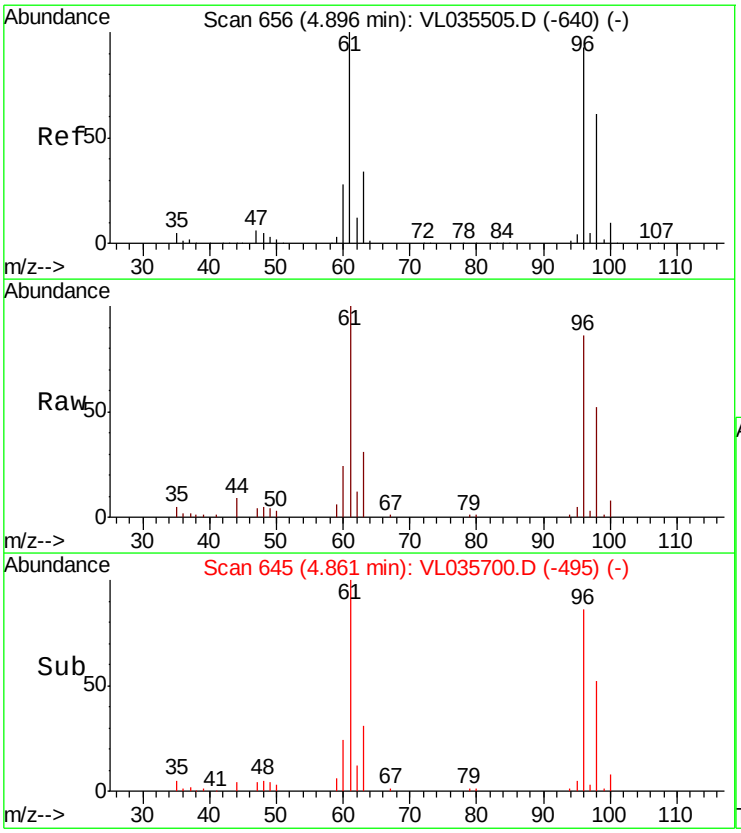
#20
Methylene Chloride
Concen: 0.249 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Tgt Ion: 84 Resp: 21180

Ion	Ratio	Lower	Upper
84	100		
49	82.5	65.4	98.0
51	24.6	21.5	32.3
86	61.3	52.9	79.3

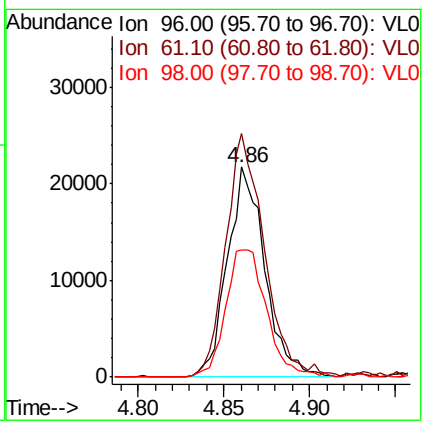


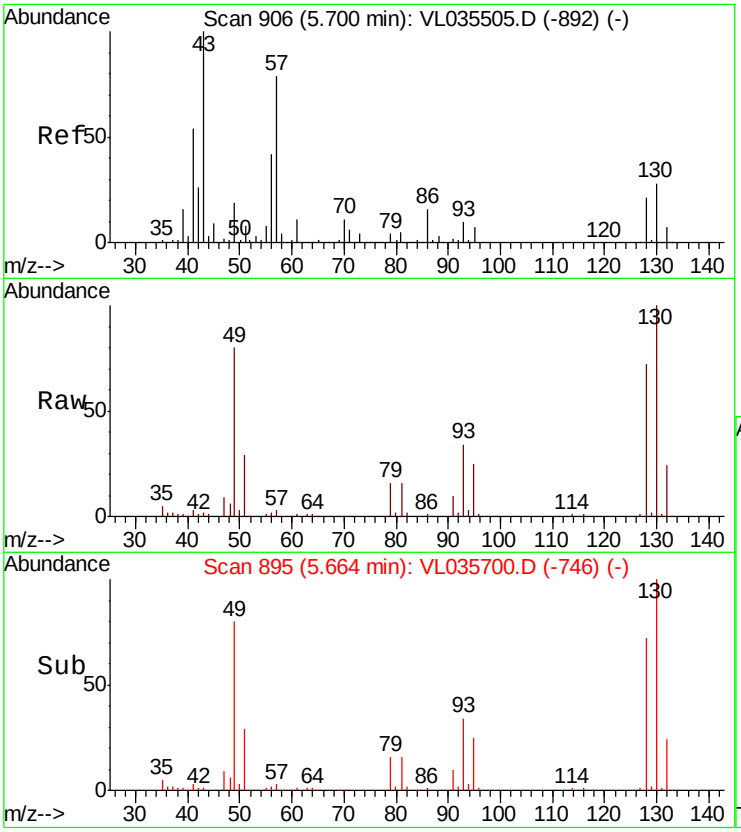


#22
trans-1,2-Dichloroethene
Concen: 0.355 ppbv
RT: 4.86 min Scan# 645
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 96 Resp: 32858

Ion	Ratio	Lower	Upper
96	100		
61	115.8	86.0	129.0
98	60.3	52.3	78.5



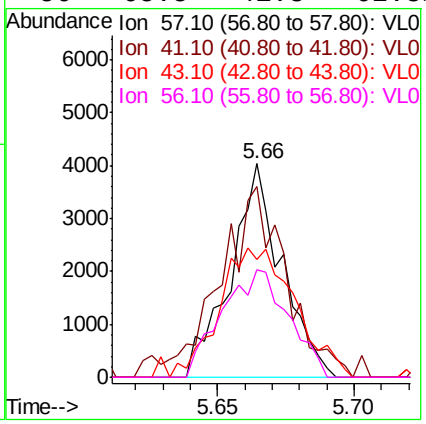


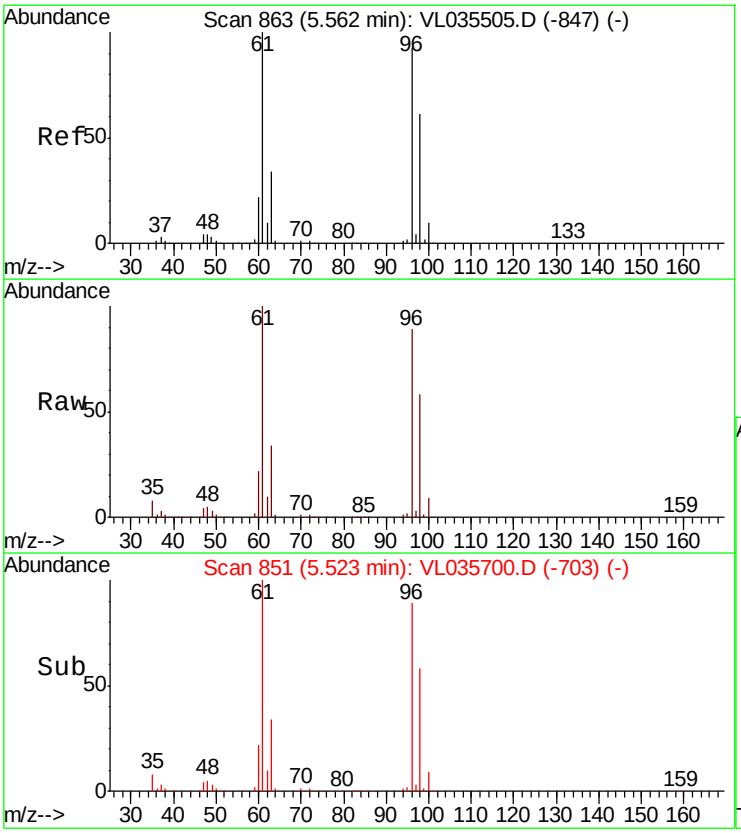
#26
Hexane
Concen: 0.046 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Tgt Ion: 57 Resp: 5236

Ion	Ratio	Lower	Upper
57	100		
41	119.9	55.9	83.9#
43	91.1	141.8	212.8#
56	65.5	41.8	62.8#

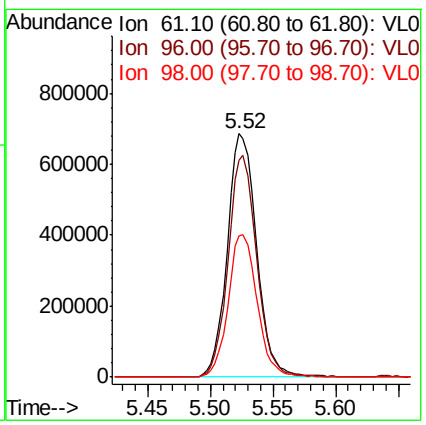


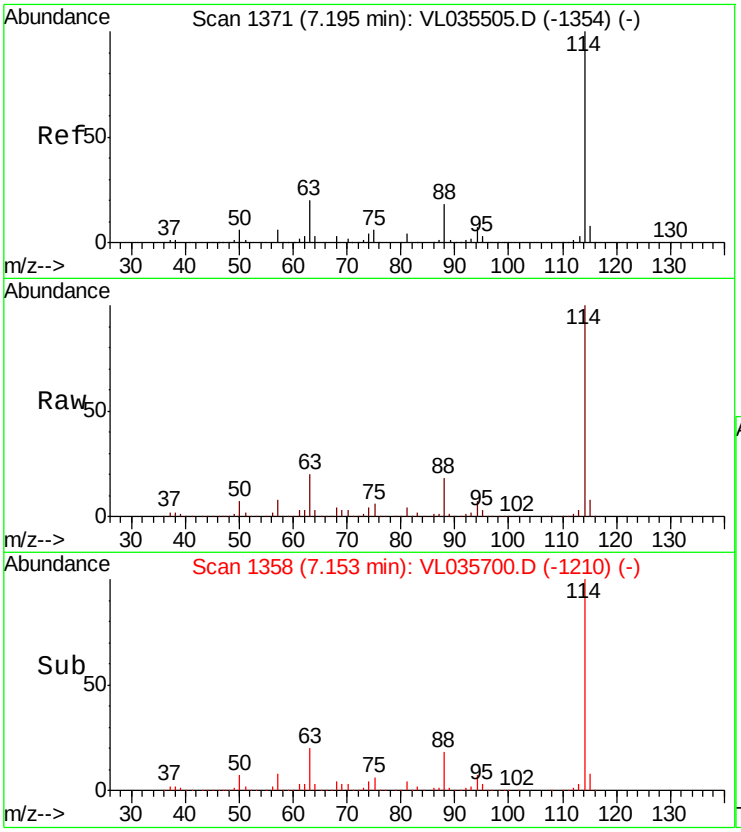


#31
cis-1,2-Dichloroethene
Concen: 9.513 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 61 Resp: 1114274

Ion	Ratio	Lower	Upper
61	100		
96	88.8	74.4	111.6
98	57.8	49.2	73.8



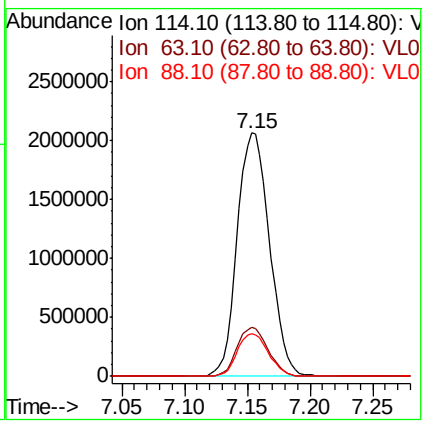


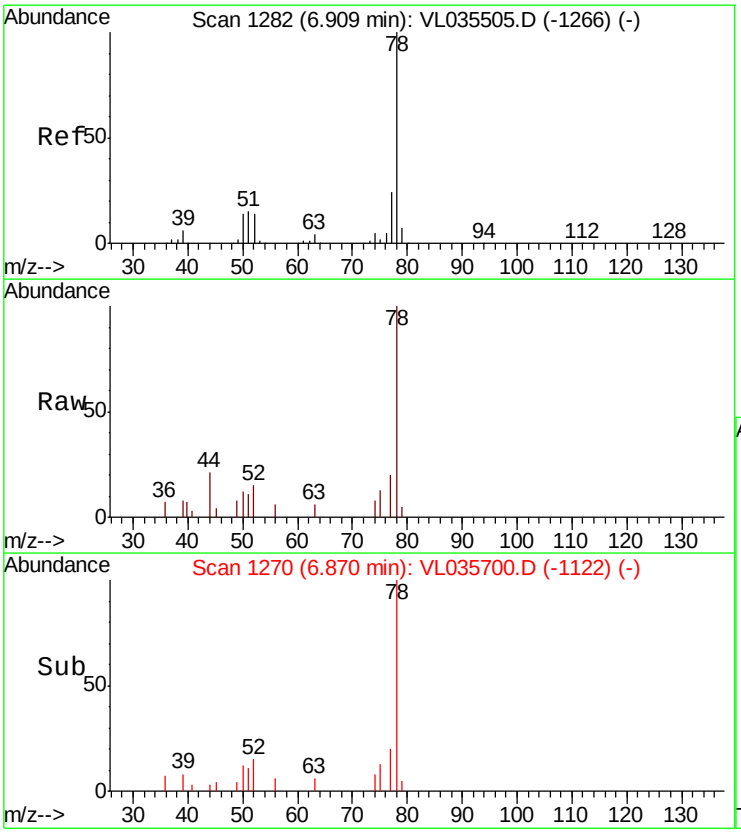
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

Tgt Ion:114 Resp: 3704565

Ion	Ratio	Lower	Upper
114	100		
63	19.4	14.7	22.1
88	17.1	13.4	20.2

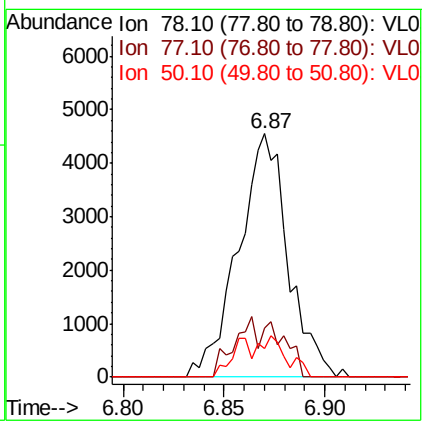


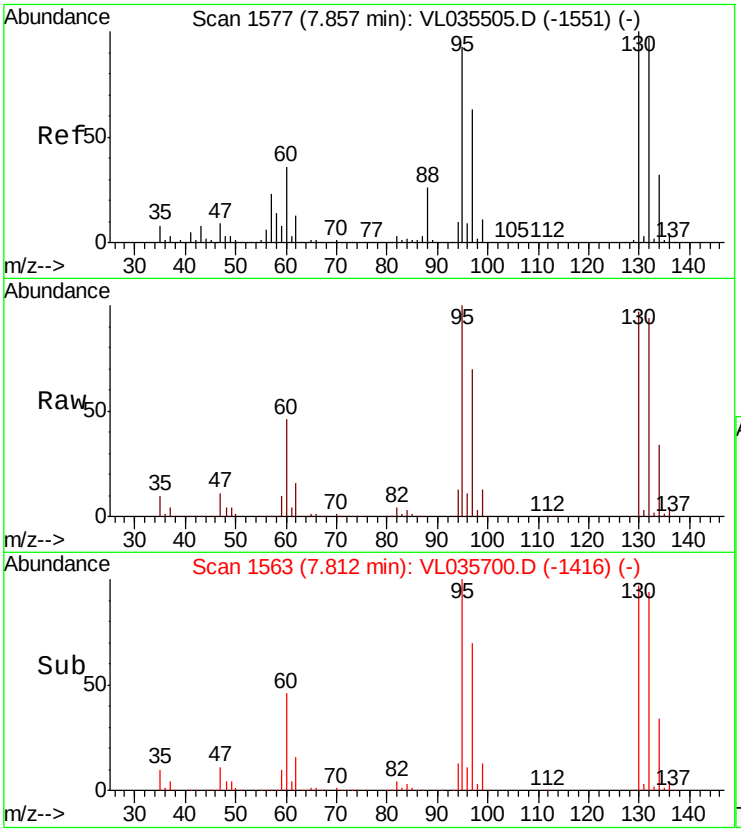


#36
Benzene
Concen: 0.033 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 78 Resp: 7847

Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.3	28.9
50	11.7	11.0	16.6



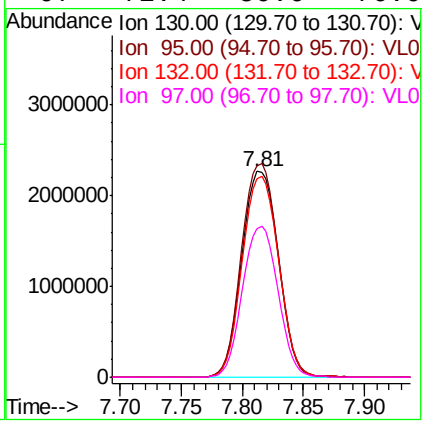


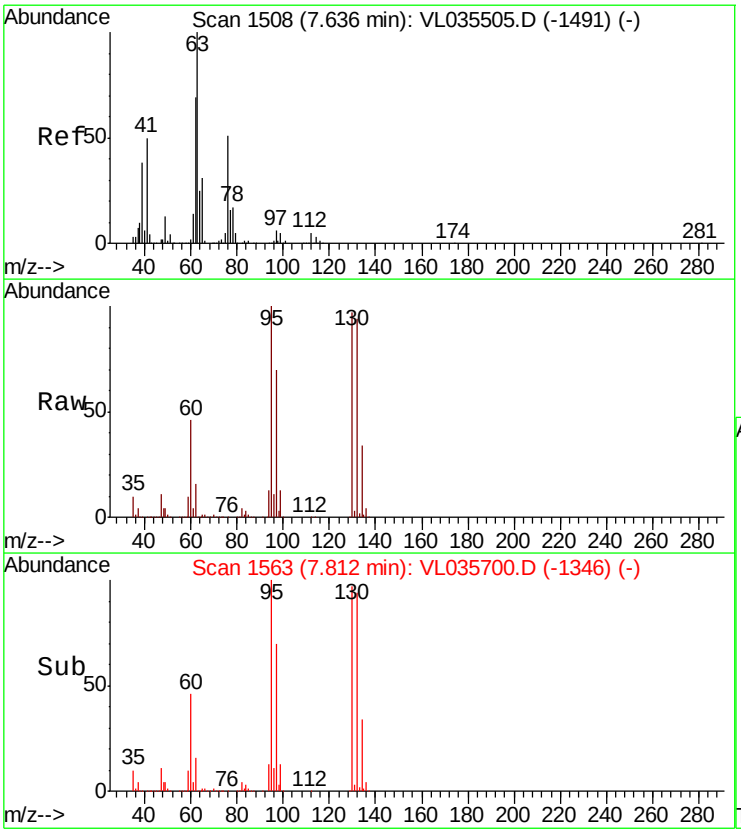
#38
Trichloroethene
Concen: 33.897 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.03 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

Tgt Ion:130 Resp: 4721630

Ion	Ratio	Lower	Upper
130	100		
95	102.8	74.6	112.0
132	96.4	77.6	116.4
97	72.4	50.6	76.0

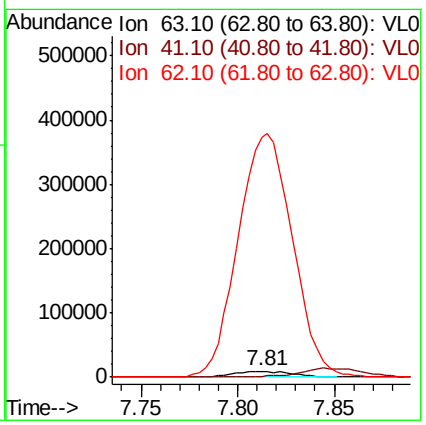


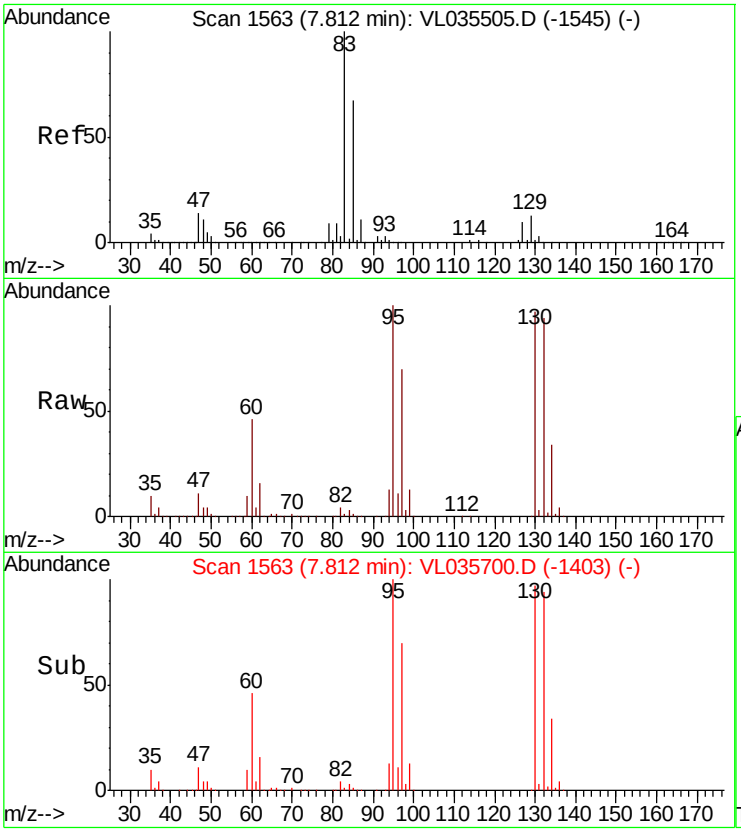


#39
1,2-Dichloropropane
Concen: 0.228 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.20 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 63 Resp: 18490

Ion	Ratio	Lower	Upper
63	100		
41	16.2	40.0	60.0#
62	4260.0	55.4	83.0#



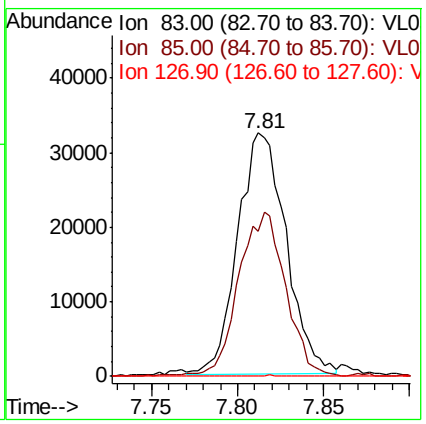


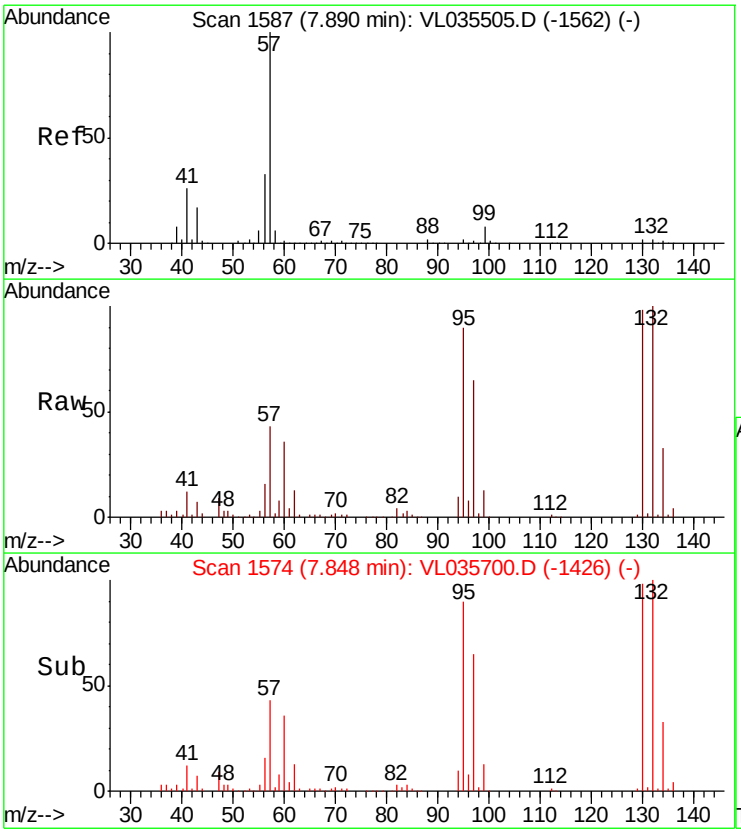
#42
Bromodichloromethane
Concen: 0.342 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Tgt Ion: 83 Resp: 63154

Ion	Ratio	Lower	Upper
83	100		
85	60.3	53.7	80.5
127	0.0	8.1	12.1#

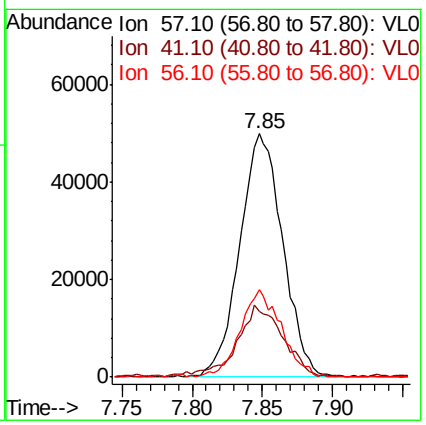


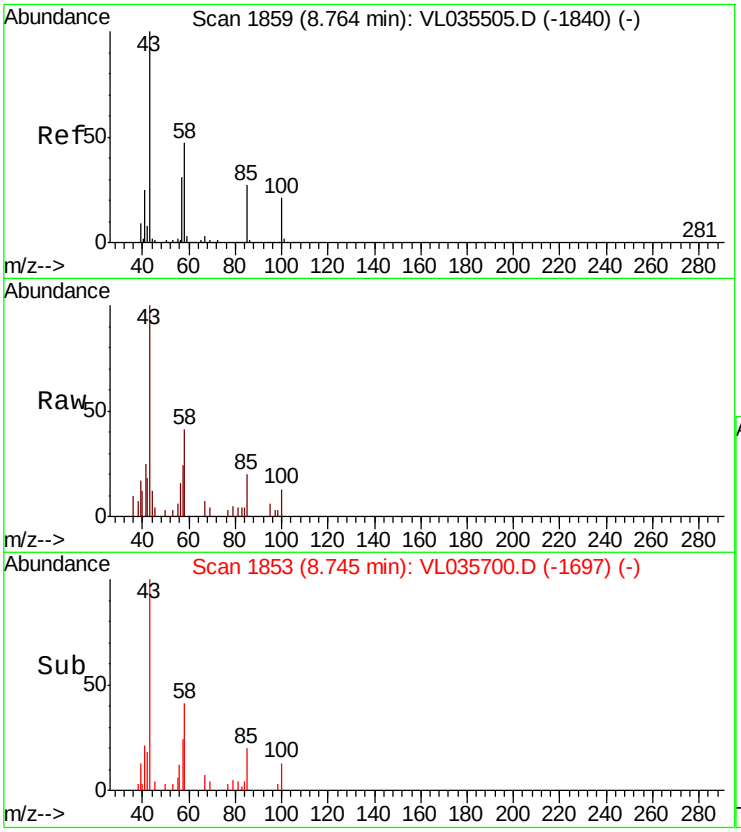


#44
2,2,4-Trimethylpentane
Concen: 0.337 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 57 Resp: 106385

Ion	Ratio	Lower	Upper
57	100		
41	31.9	20.5	30.7#
56	34.9	25.3	37.9



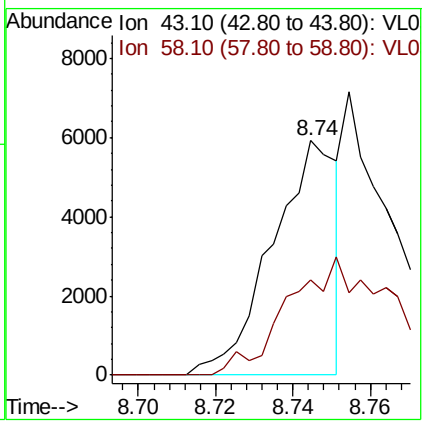


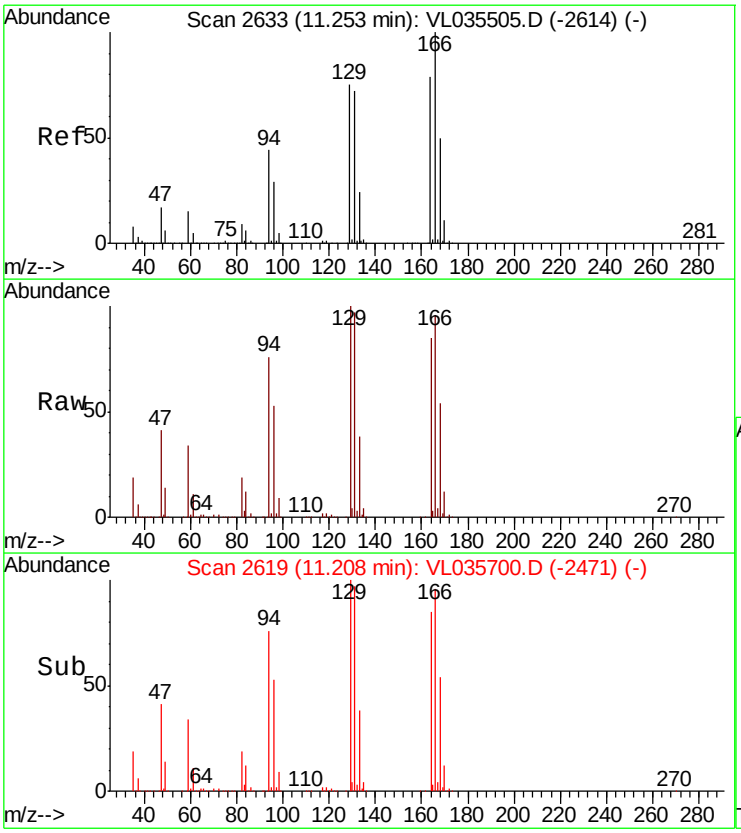
#50
4-Methyl-2-Pentanone
Concen: 0.043 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument : MSVOA_L
ClientSampleId : SV-8DL

Tgt Ion: 43 Resp: 6877

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.4	56.0#

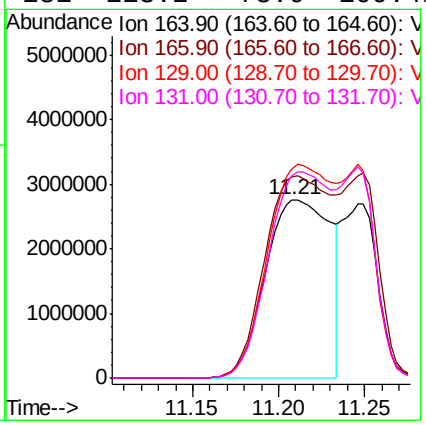


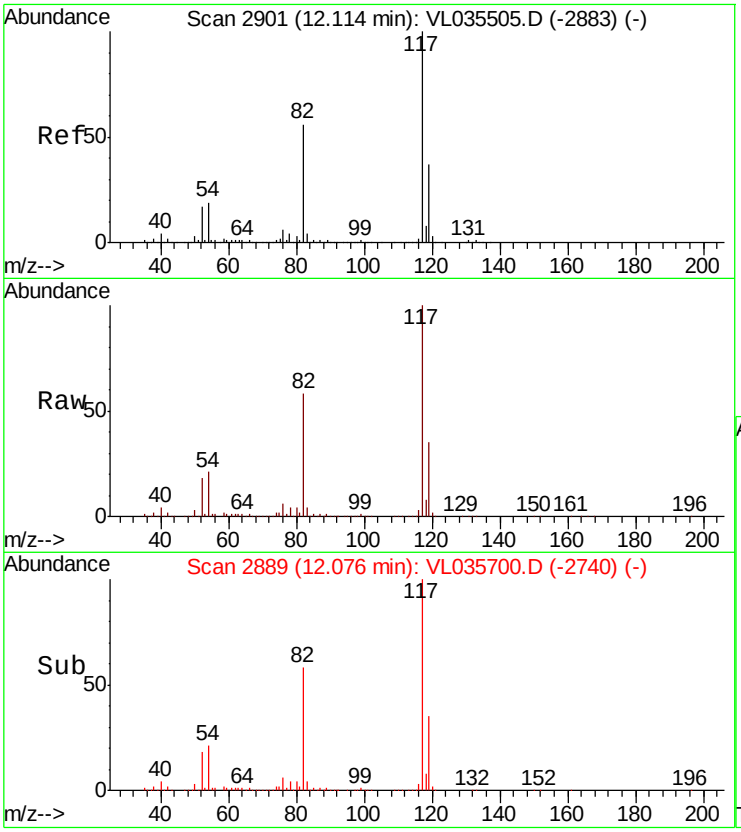


#52
Tetrachloroethene
Concen: 51.503 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion:164 Resp: 7215176

Ion	Ratio	Lower	Upper
164	100		
166	112.8	100.9	151.3
129	117.2	75.3	112.9#
131	113.2	73.0	109.4#



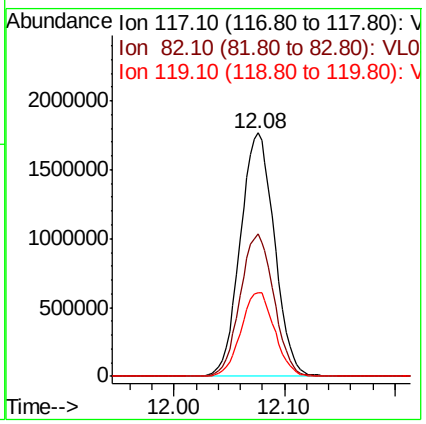


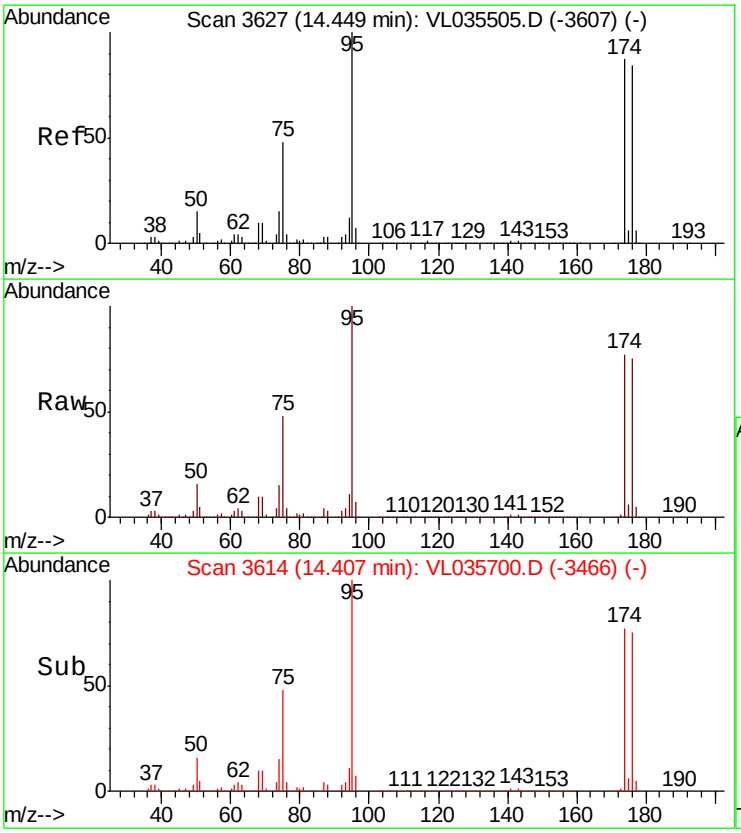
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

Tgt Ion:117 Resp: 3778284

Ion	Ratio	Lower	Upper
117	100		
82	58.1	41.6	62.4
119	34.2	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.273 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL035700.D
Acq: 22 Sep 2020 00:03

Tgt Ion: 95 Resp: 2756290

Ion	Ratio	Lower	Upper
95	100		
174	77.3	69.6	104.4
175	5.5	5.1	7.7