Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

Quantitation Report (Not Reviewed)

Data File : VL032947.D
Acq On : 7 Dec 2018 23:04
Operator : SY/AP
Sample : J6262-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2DL

Quant Time: Dec 08 02:03:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1267683	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	3297066	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	3043719	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2436616	10.84	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.40%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.02	51	220522	2.297	ppbv		91
4) Chloromethane	3.17	50	8294	0.148	ppbv	#	87
5) Vinyl Chloride	3.29	62	3764	0.066	ppbv	#	88
9) Propene	3.25	41	28398	0.748	ppbv		96
13) Ethanol	3.66	45	513	0.039	ppbv	#	40
15) Acetone	3.92	43	58664	0.539	ppbv		96
18) 1,1-Dichloroethene	4.35	96	1814	0.034	ppbv	#	45
20) Methylene Chloride	4.41	84	17640	0.332	ppbv	#	86
22) trans-1,2-Dichloroethene	4.97	96	183504	2.775	ppbv		87
24) 1,1-Dichloroethane	4.97	63	92091	0.575	ppbv	#	1
26) Hexane	5.78	57	18562	0.156	ppbv	#	66
27) Carbon Disulfide	4.62	76	13794	0.093	ppbv	#	17
28) Methyl tert-Butyl Ether	5.14	73	19746	0.111	ppbv		99
29) Chloroform	5.85	83	66333	0.313	ppbv		96
31) cis-1,2-Dichloroethene	5.64	61	388519	3.568	ppbv		97
38) Trichloroethene	7.96	130	1965328	19.474	ppbv		99
39) 1,2-Dichloropropane	7.29	63	820372	8.920	ppbv	#	21
52) Tetrachloroethene	11.39	164	8237039	93.378	ppbv		95
53) Toluene	9.95	91	9787	0.038	ppbv	#	21
74) 1,2,4-Trimethylbenzene	16.93	105	20469	0.056	ppbv	#	62

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

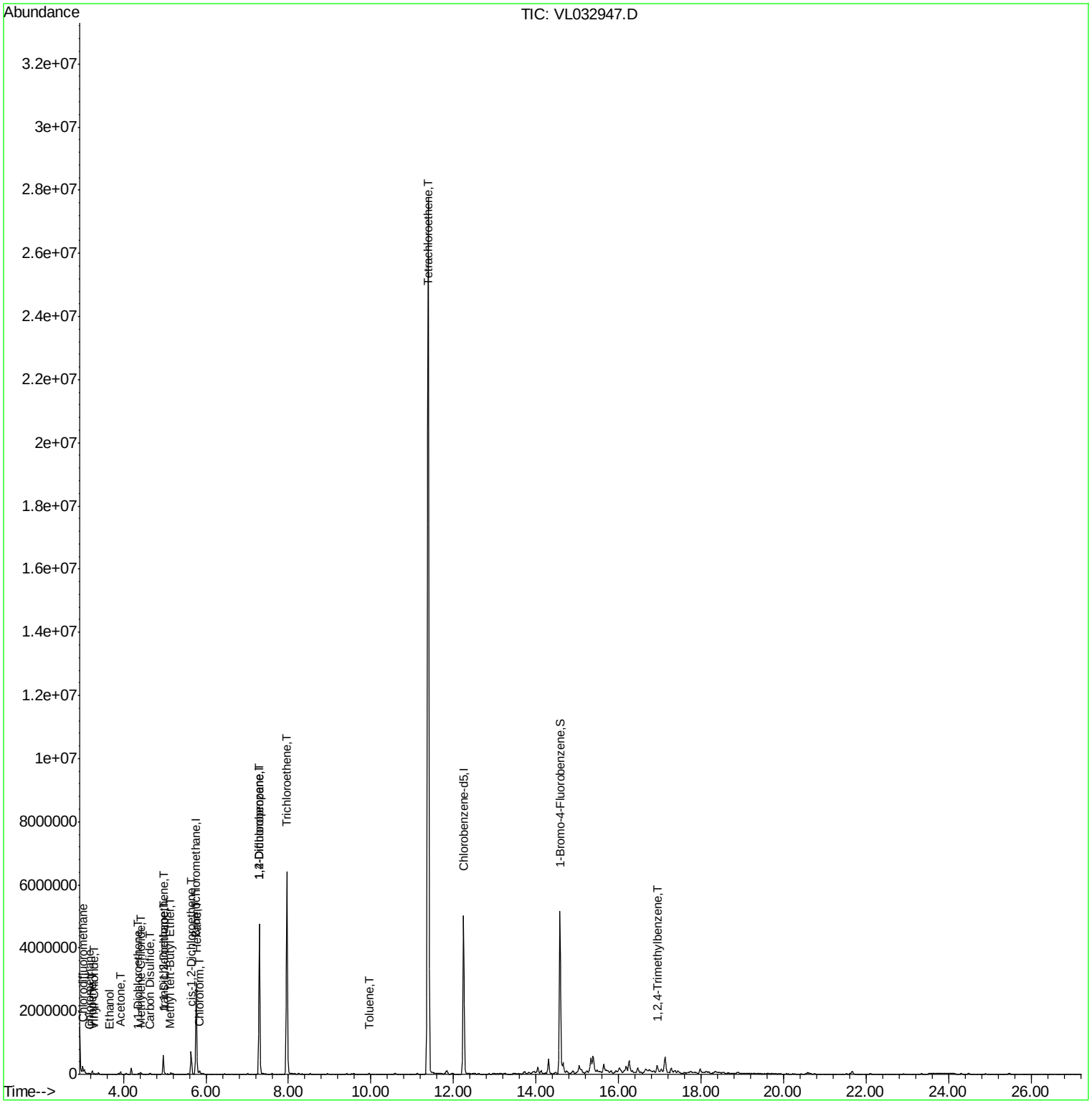
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

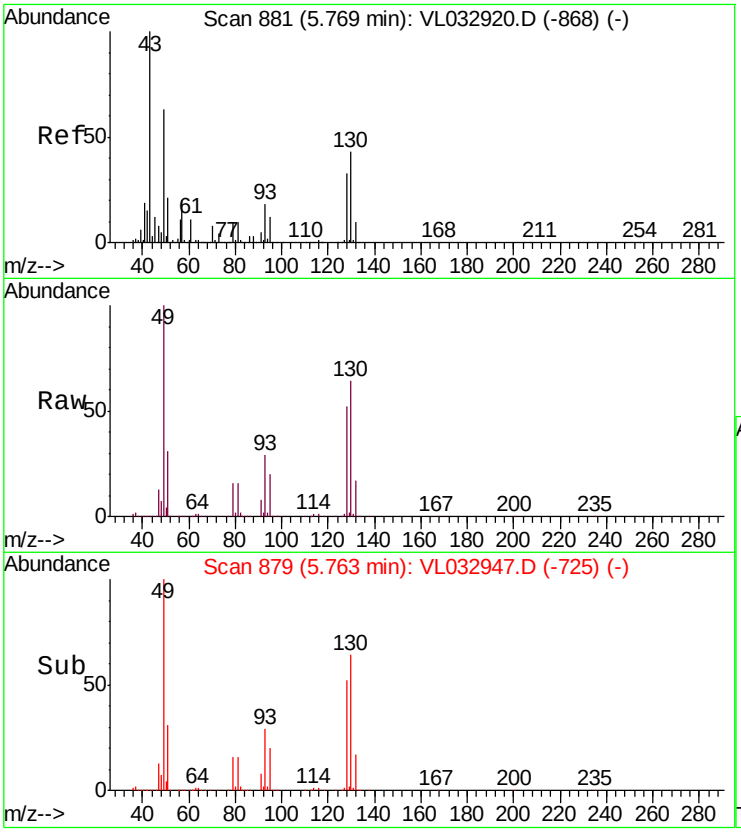
Quantitation Report (Not Reviewed)

Data File : VL032947.D
Acq On : 7 Dec 2018 23:04
Operator : SY/AP
Sample : J6262-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2DL

Quant Time: Dec 08 02:03:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



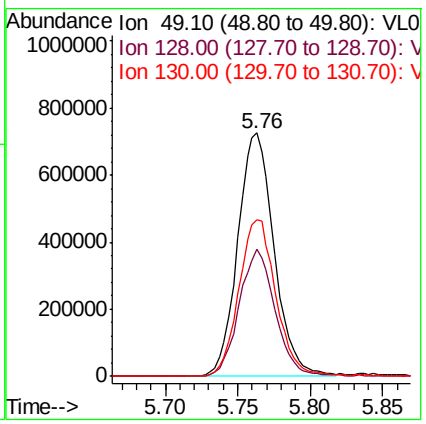


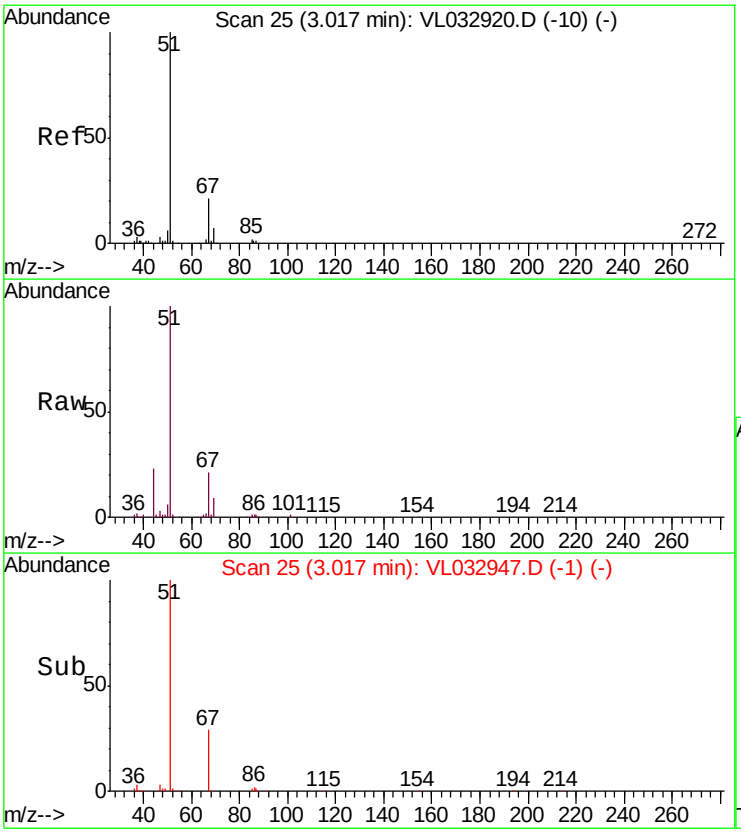
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument : MSVOA_L
ClientSampleId : SV2DL

Tgt Ion: 49 Resp: 1267683

Ion	Ratio	Lower	Upper
49	100		
128	52.1	26.3	78.8
130	66.2	33.9	101.7

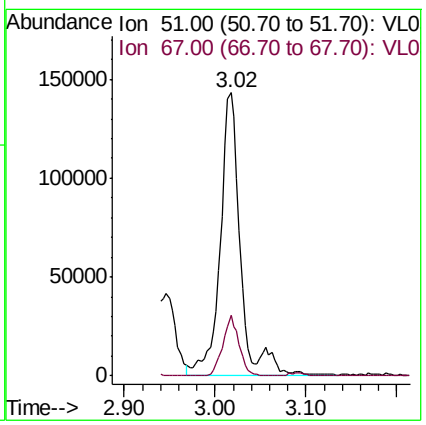


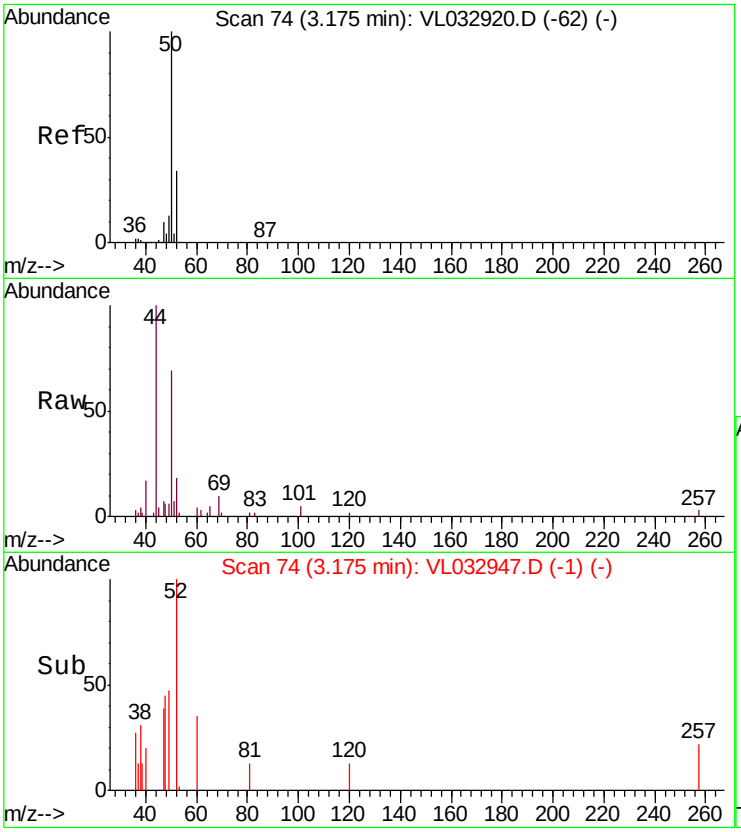


#3
Chlorodifluoromethane
Concen: 2.297 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 51 Resp: 220522

Ion	Ratio	Lower	Upper
51	100		
67	17.0	16.8	25.2



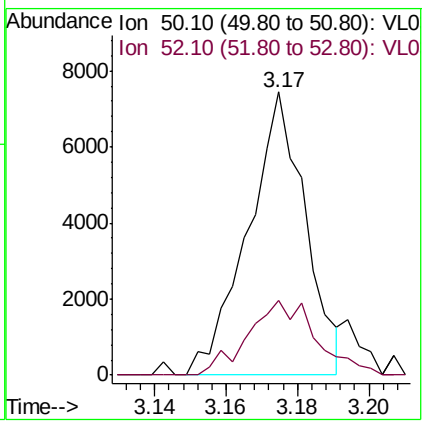


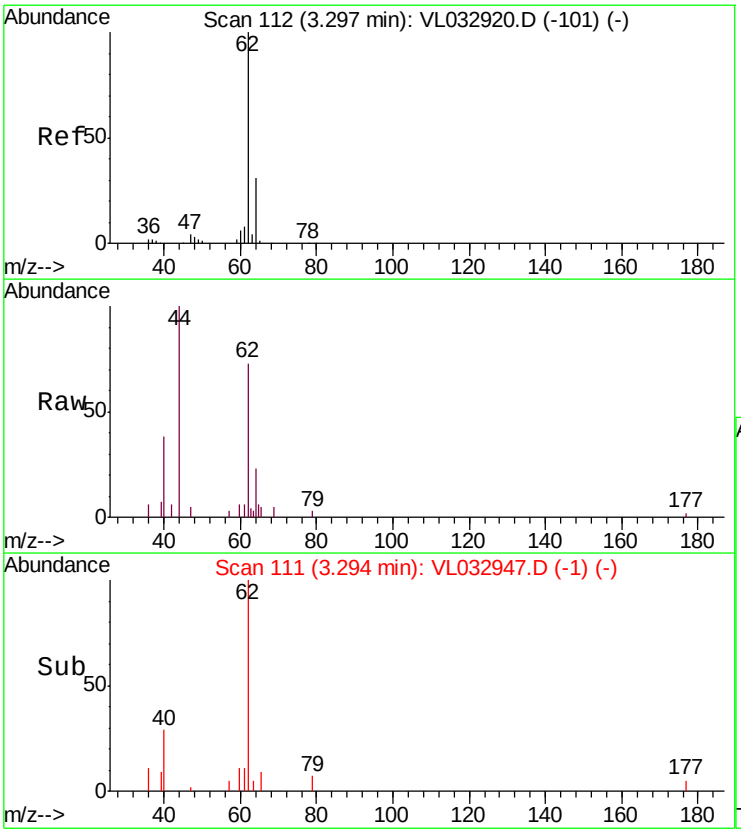
#4
Chloromethane
Concen: 0.148 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 50 Resp: 8294

Ion	Ratio	Lower	Upper
50	100		
52	26.5	27.3	40.9#

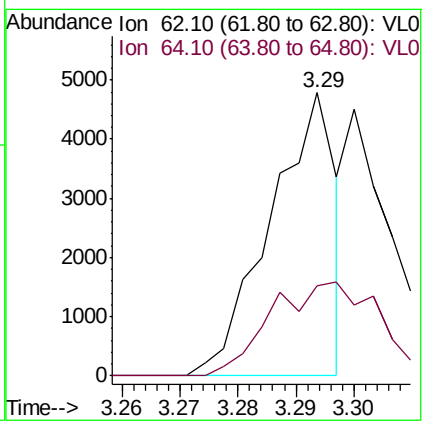


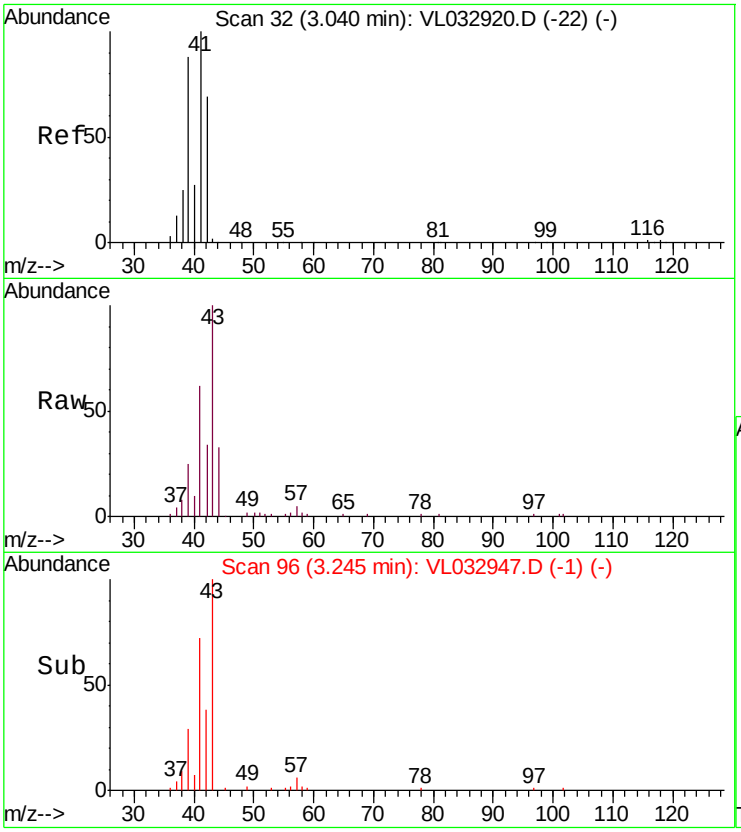


#5
Vinyl Chloride
Concen: 0.066 ppbv
RT: 3.29 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 62 Resp: 3764

Ion	Ratio	Lower	Upper
62	100		
64	37.5	24.8	37.2#



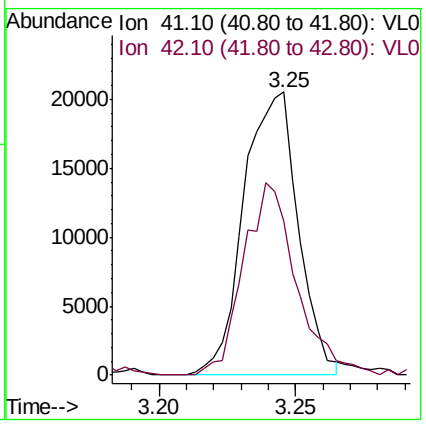


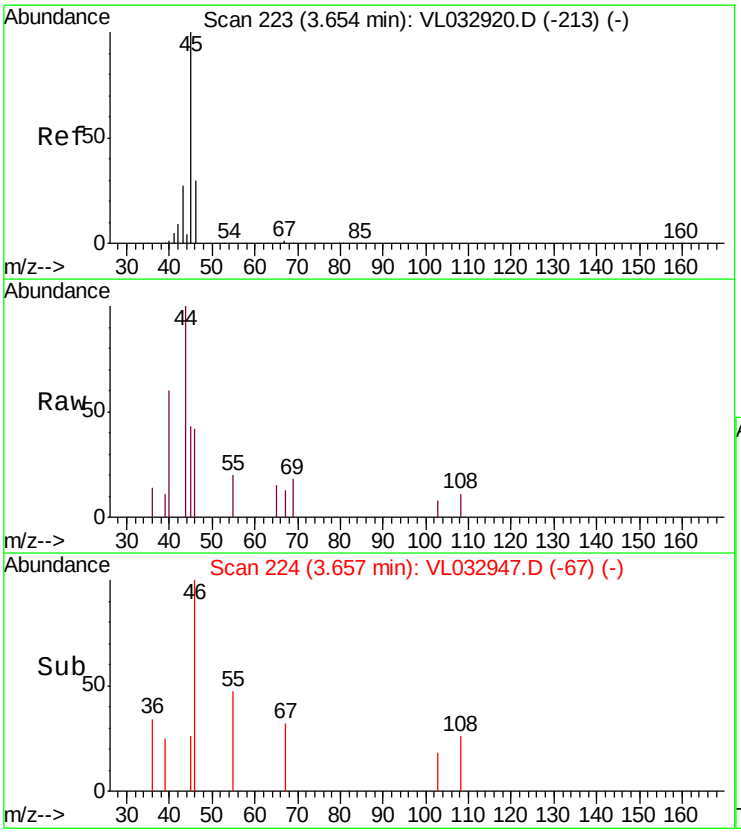
#9
Propene
Concen: 0.748 ppbv
RT: 3.25 min Scan# 96
Delta R.T. 0.21 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument : MSVOA_L
ClientSampleId : SV2DL

Tgt Ion: 41 Resp: 28398

Ion	Ratio	Lower	Upper
41	100		
42	67.3	56.2	84.2

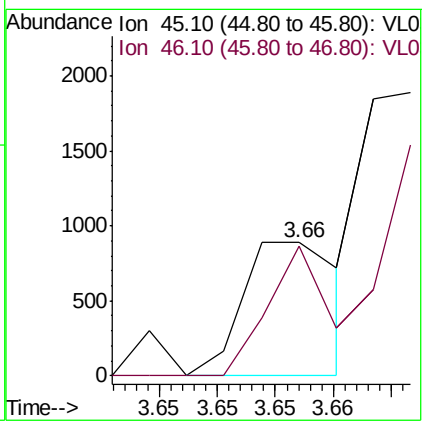


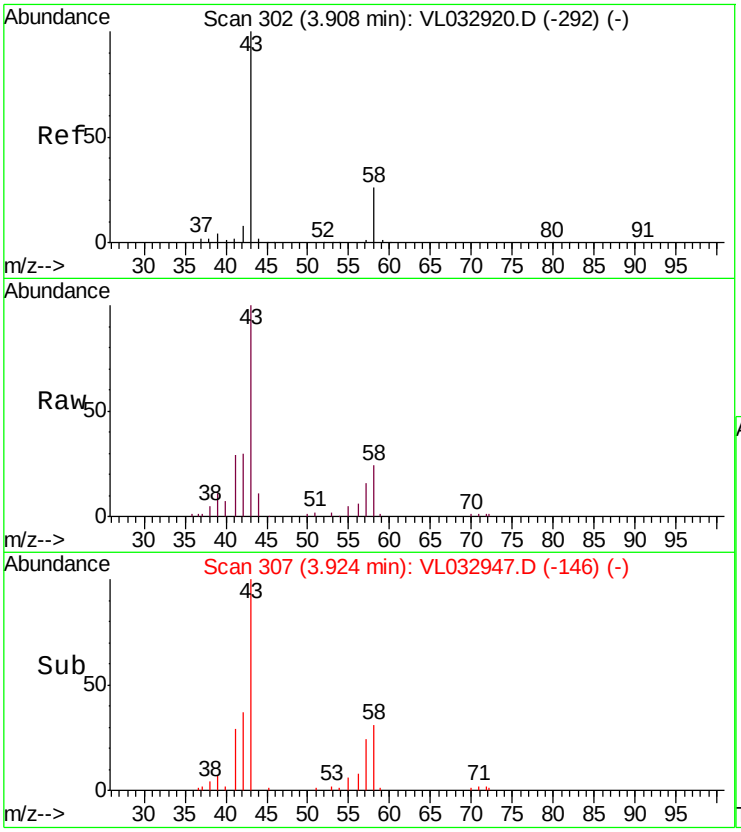


#13
Ethanol
Concen: 0.039 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 45 Resp: 513

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#



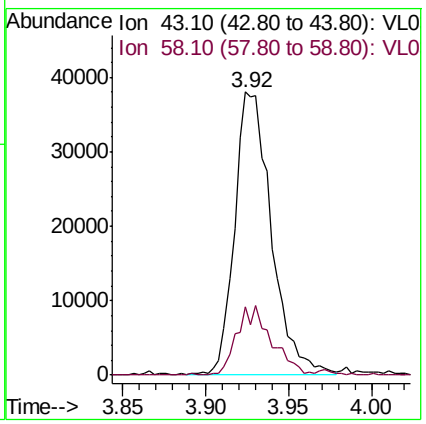


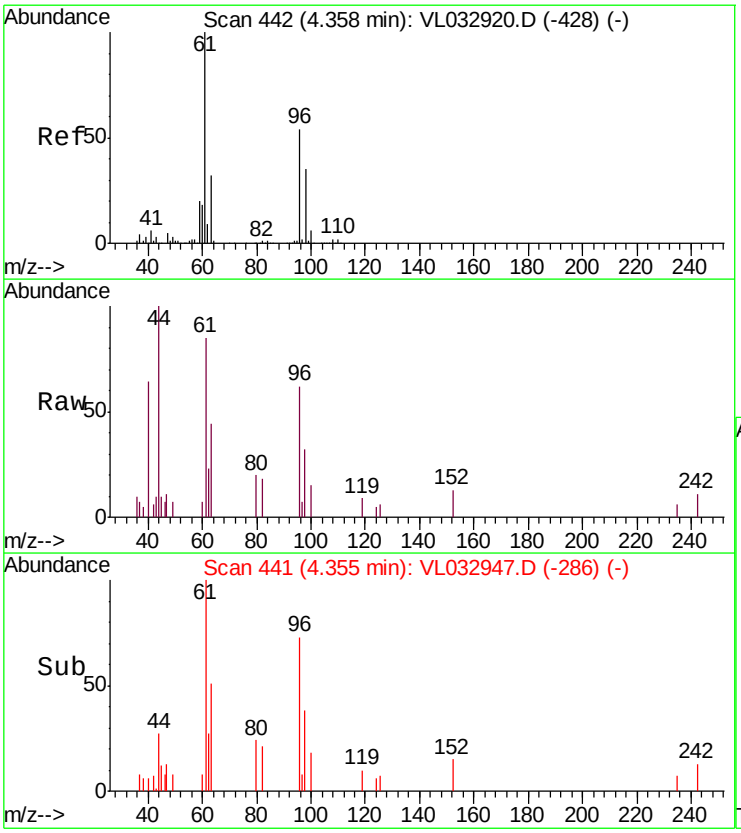
#15
Acetone
Concen: 0.539 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument : MSVOA_L
ClientSampleId : SV2DL

Tgt Ion: 43 Resp: 58664

Ion	Ratio	Lower	Upper
43	100		
58	23.9	20.6	30.8

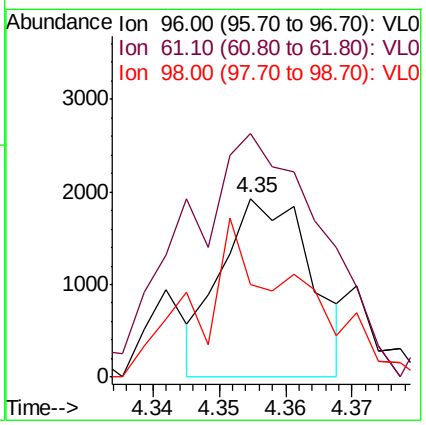


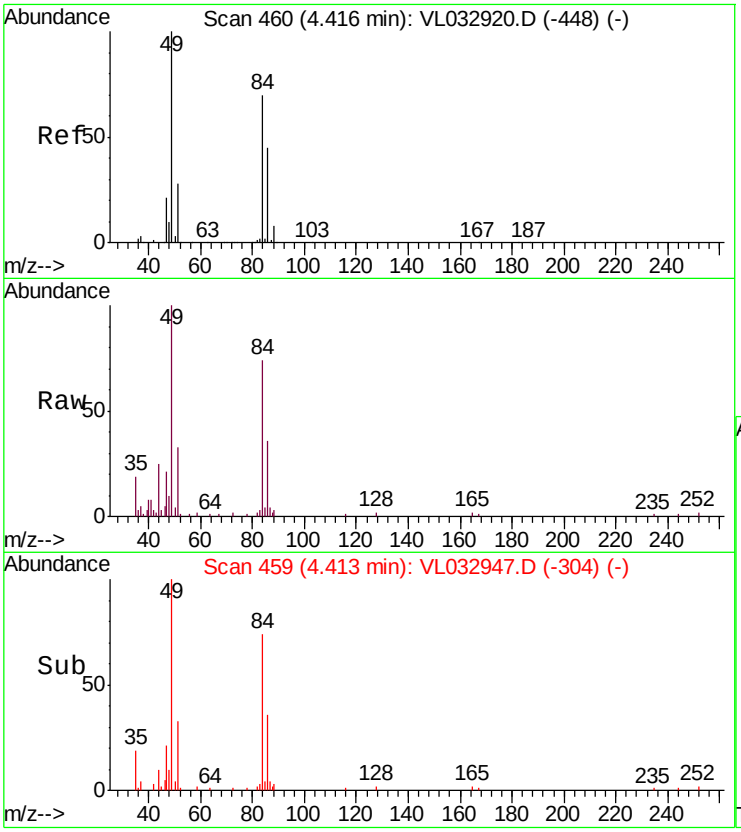


#18
1,1-Dichloroethene
Concen: 0.034 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 96 Resp: 1814

Ion	Ratio	Lower	Upper
96	100		
61	90.9	147.0	220.4#
98	40.9	50.7	76.1#



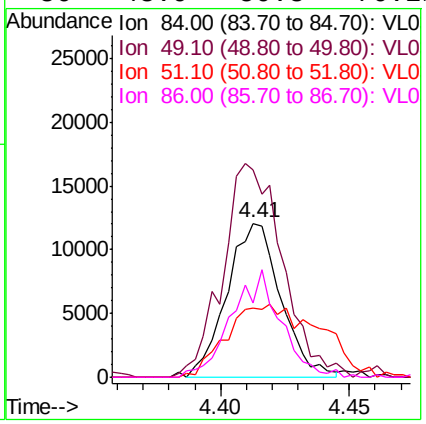


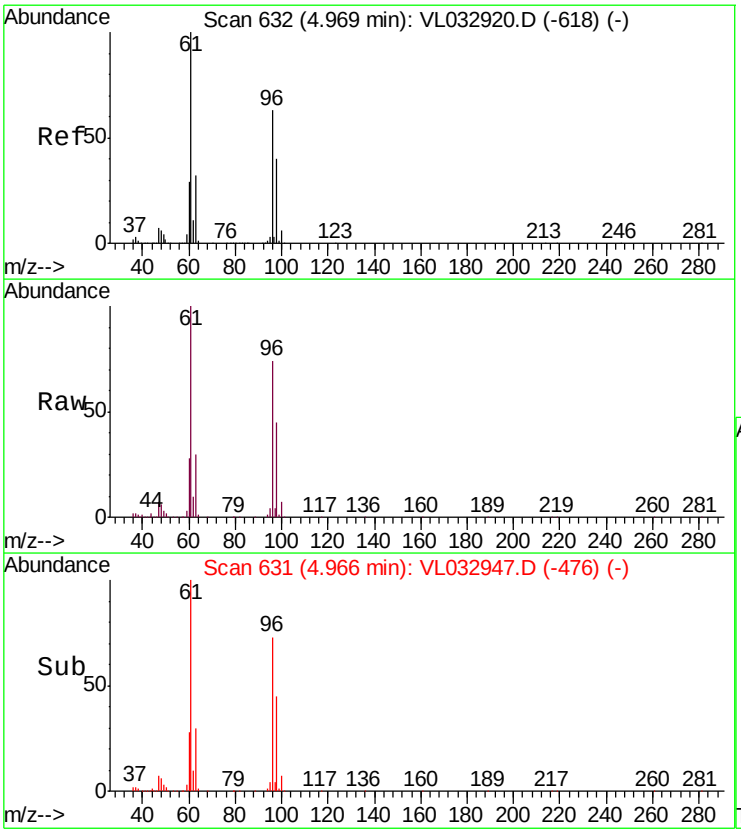
#20
Methylene Chloride
Concen: 0.332 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument : MSVOA_L
ClientSampleId : SV2DL

Tgt Ion: 84 Resp: 17640

Ion	Ratio	Lower	Upper
84	100		
49	127.1	113.8	170.8
51	42.2	31.8	47.8
86	43.9	50.8	76.2#

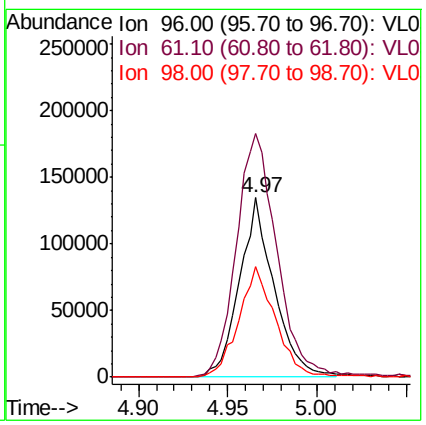


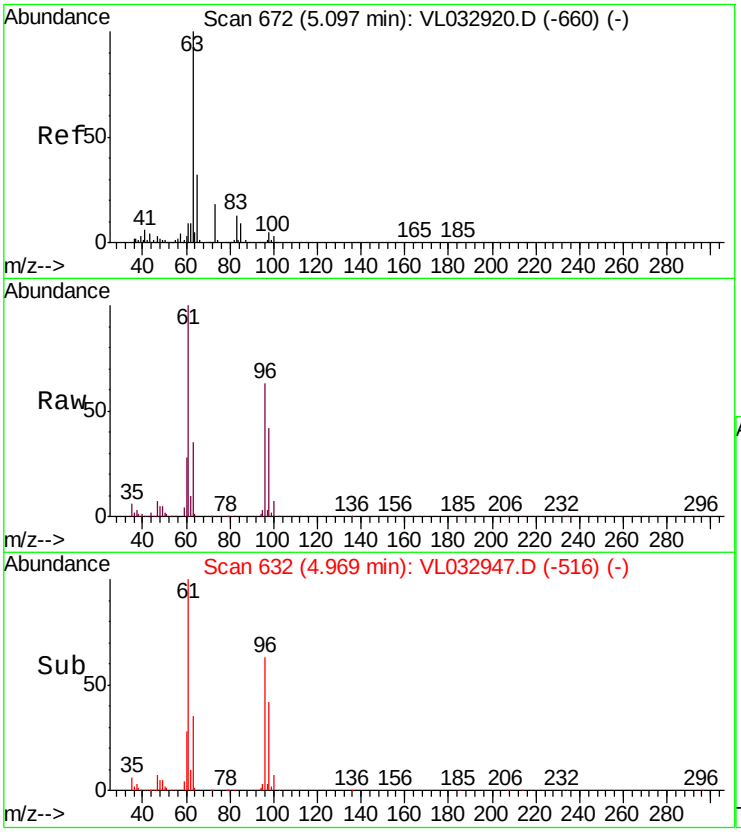


#22
trans-1,2-Dichloroethene
Concen: 2.775 ppbv
RT: 4.97 min Scan# 631
Delta R.T. -0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 96 Resp: 183504

Ion	Ratio	Lower	Upper
96	100		
61	135.8	127.1	190.7
98	61.7	51.3	76.9



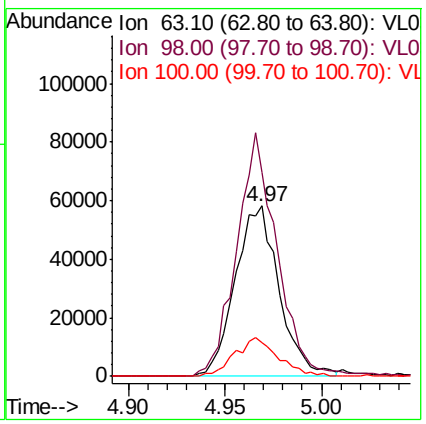


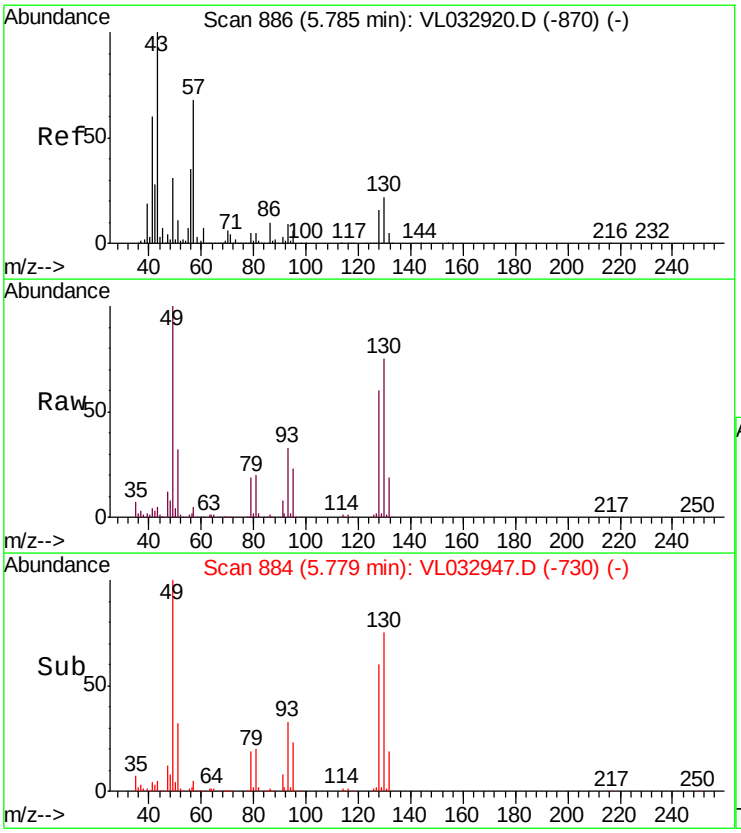
#24
1,1-Dichloroethane
Concen: 0.575 ppbv
RT: 4.97 min Scan# 632
Delta R.T. -0.13 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument : MSVOA_L
ClientSampleId : SV2DL

Tgt Ion: 63 Resp: 92091

Ion	Ratio	Lower	Upper
63	100		
98	120.0	2.5	7.5#
100	19.7	1.4	4.2#

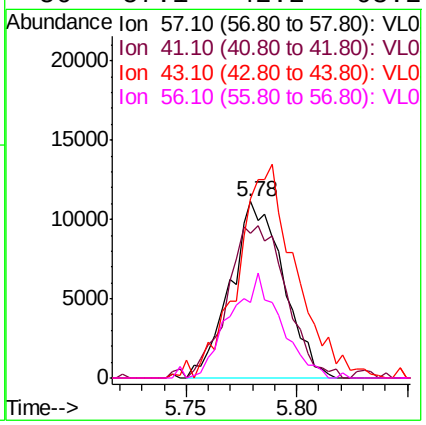


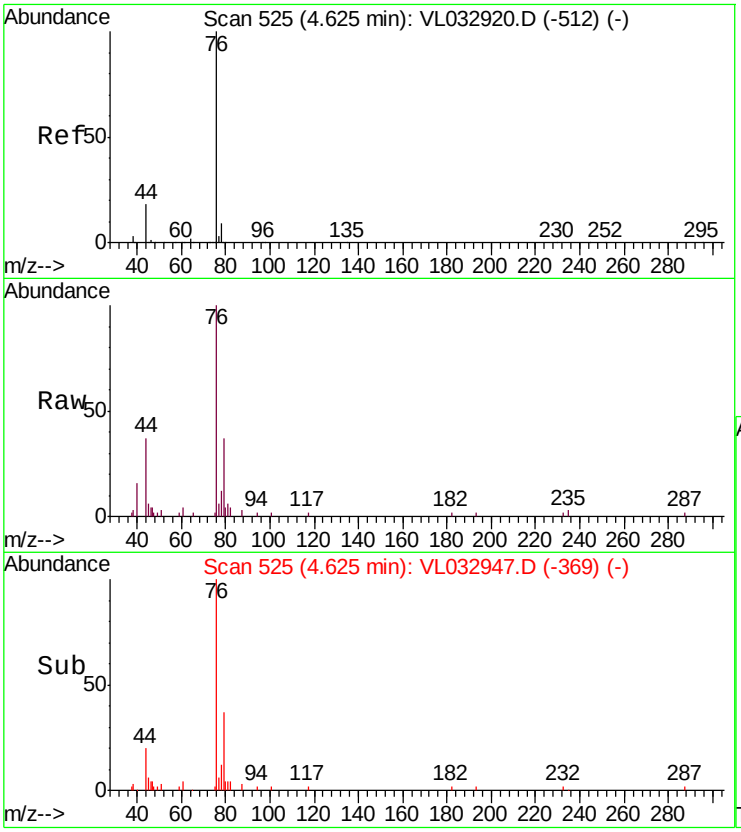


#26
Hexane
Concen: 0.156 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 57 Resp: 18562

Ion	Ratio	Lower	Upper
57	100		
41	97.0	72.2	108.2
43	133.6	171.9	257.9#
56	57.1	42.2	63.2



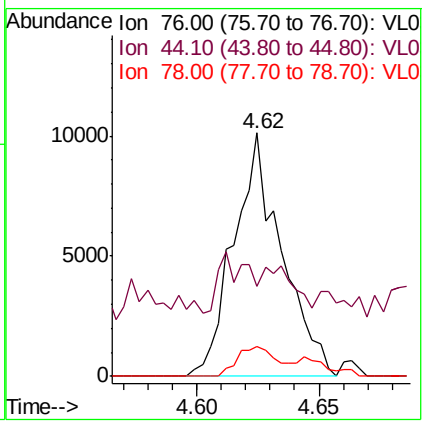


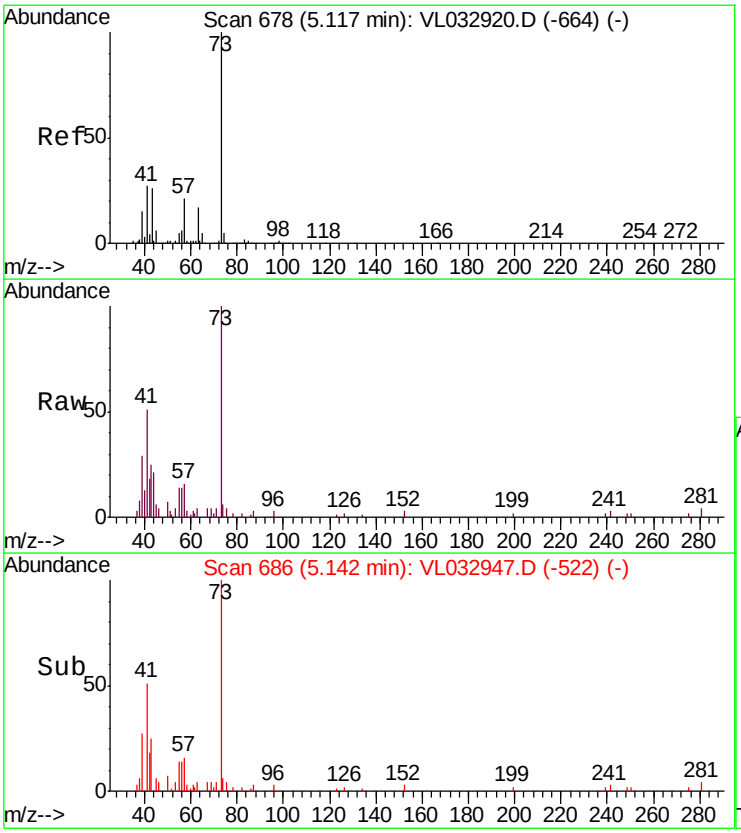
#27
Carbon Disulfide
Concen: 0.093 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument : MSVOA_L
ClientSampleId : SV2DL

Tgt Ion: 76 Resp: 13794

Ion	Ratio	Lower	Upper
76	100		
44	70.7	14.7	22.1#
78	15.0	7.4	11.2#

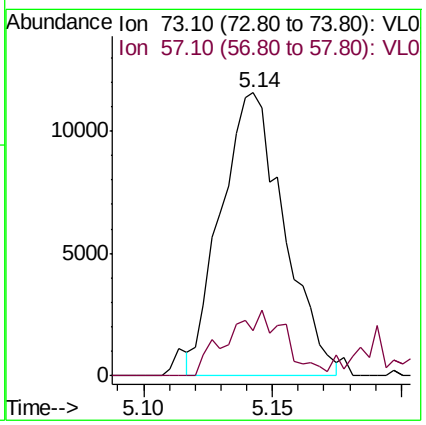


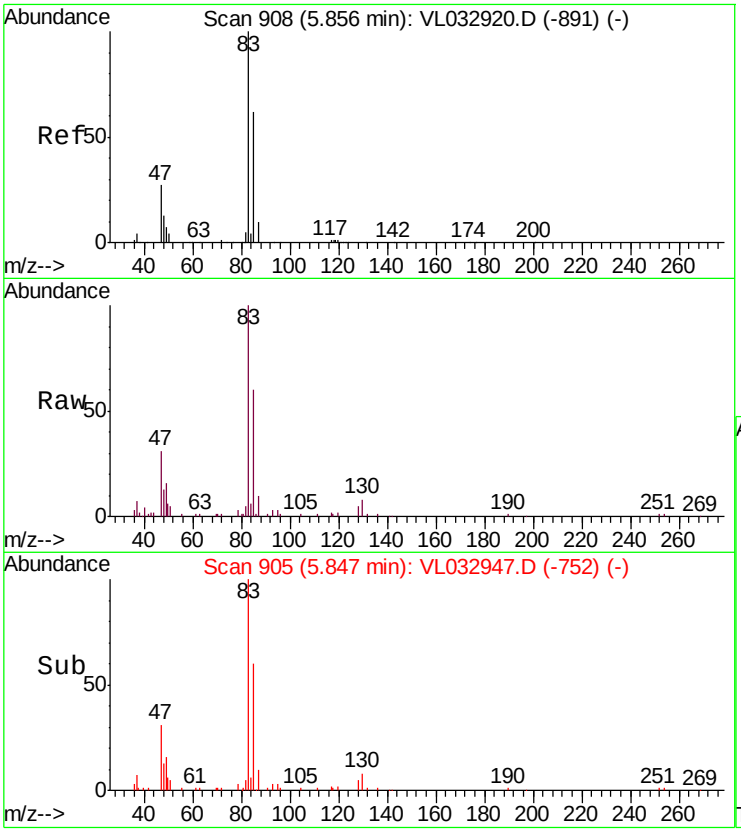


#28
Methyl tert-Butyl Ether
Concen: 0.111 ppbv
RT: 5.14 min Scan# 686
Delta R.T. 0.03 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 73 Resp: 19746

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.0



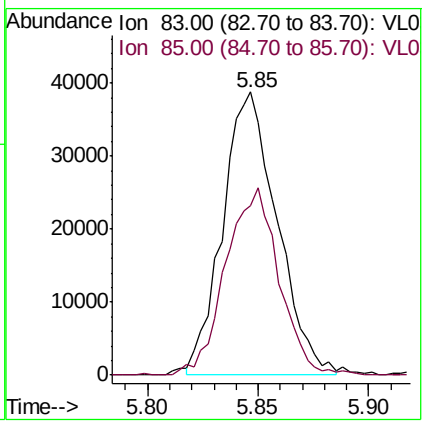


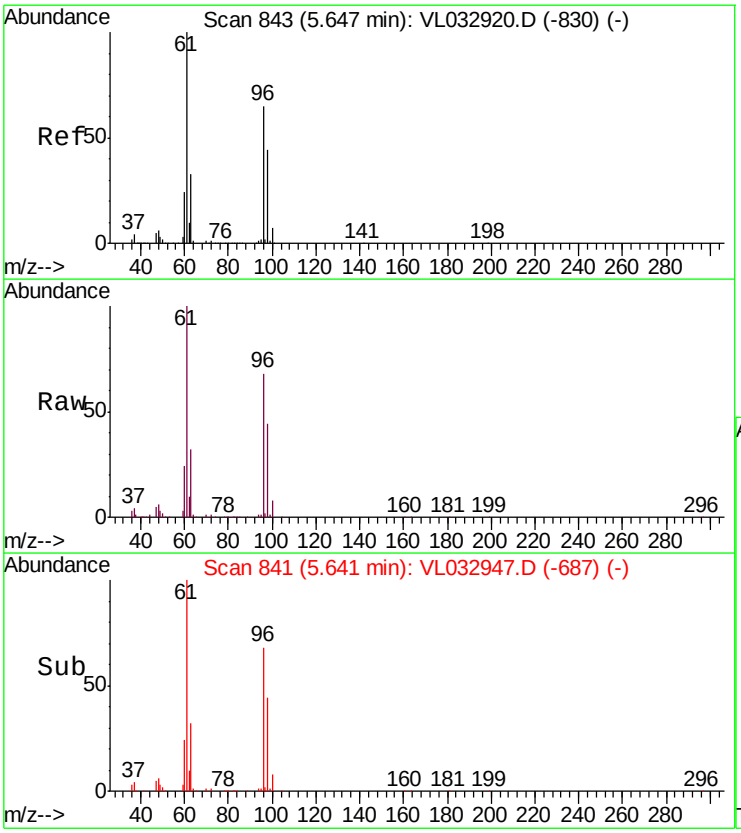
#29
Chloroform
Concen: 0.313 ppbv
RT: 5.85 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 83 Resp: 66333

Ion	Ratio	Lower	Upper
83	100		
85	59.5	49.8	74.8

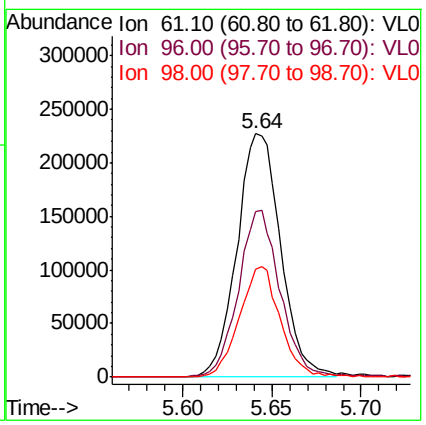


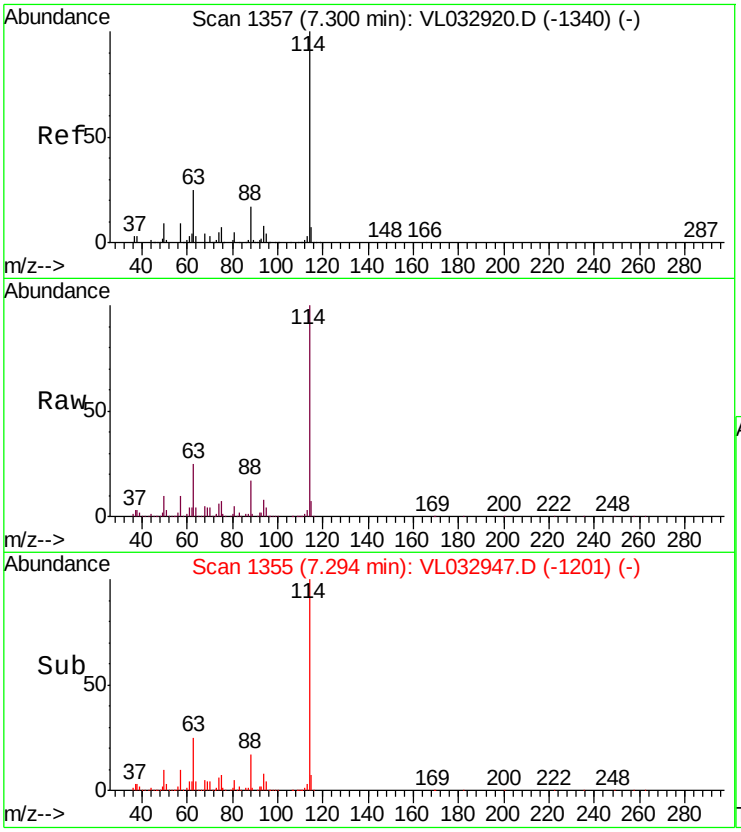


#31
cis-1,2-Dichloroethene
Concen: 3.568 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion: 61 Resp: 388519

Ion	Ratio	Lower	Upper
61	100		
96	67.8	51.9	77.9
98	44.3	35.0	52.4



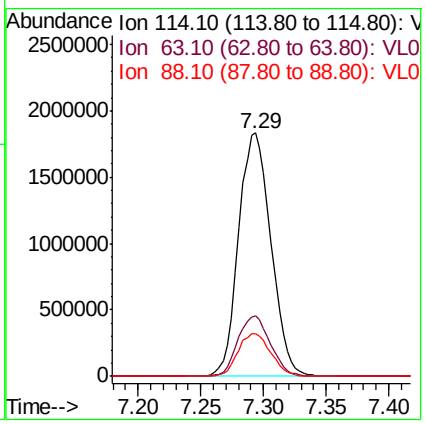


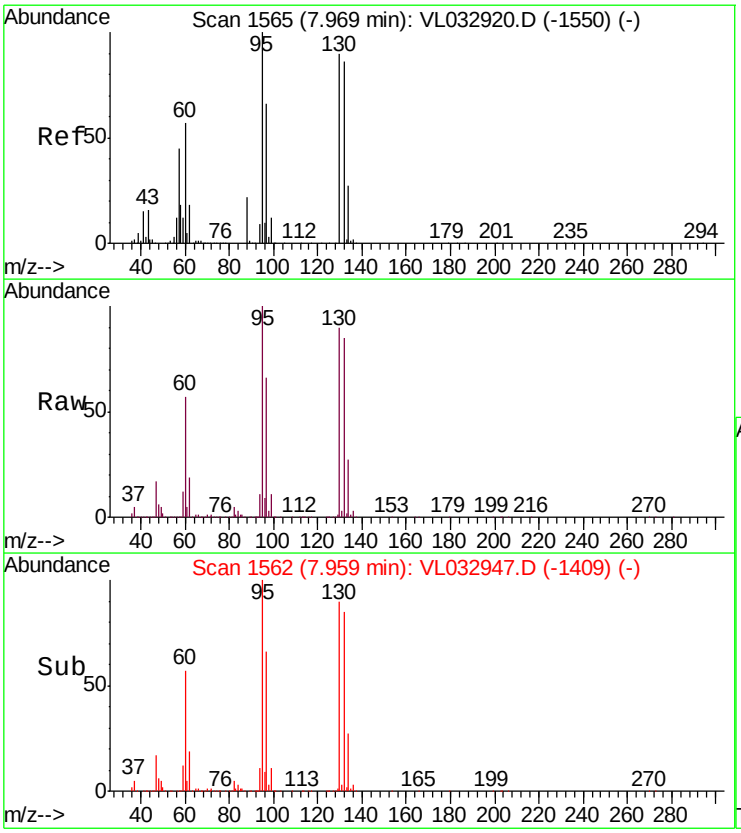
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion:114 Resp: 3297066

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.1	30.1
88	17.8	14.2	21.4

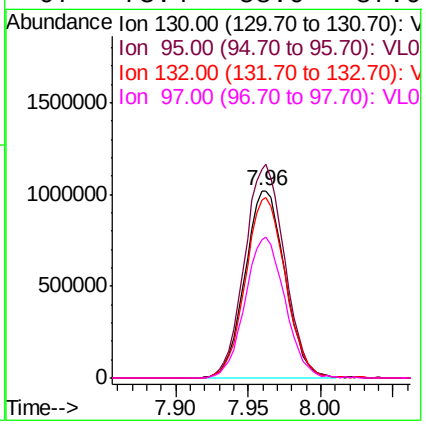


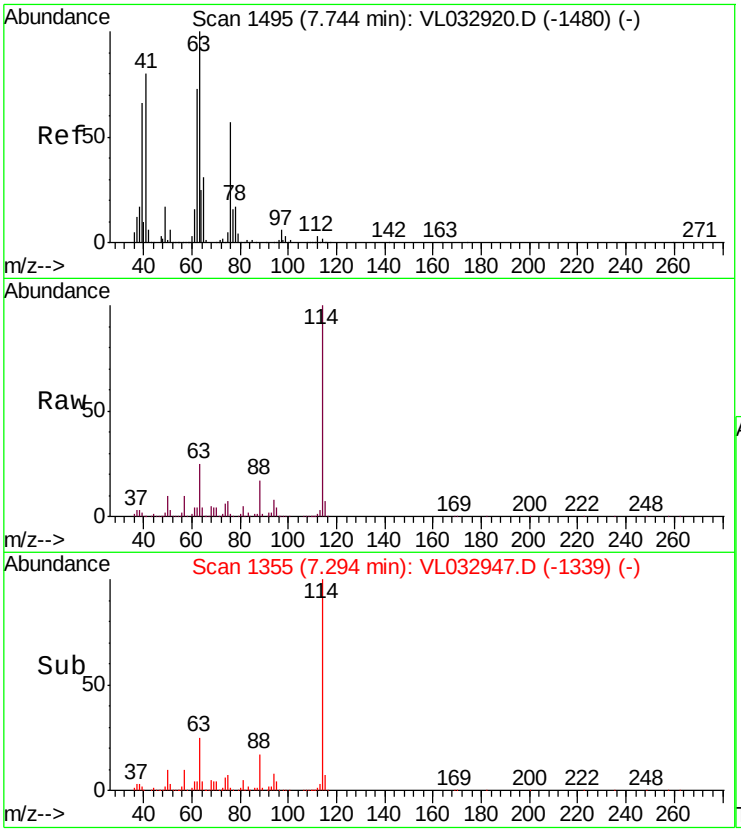


#38
Trichloroethene
Concen: 19.474 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion:130 Resp: 1965328

Ion	Ratio	Lower	Upper
130	100		
95	111.6	88.6	132.8
132	94.7	76.1	114.1
97	73.4	58.0	87.0



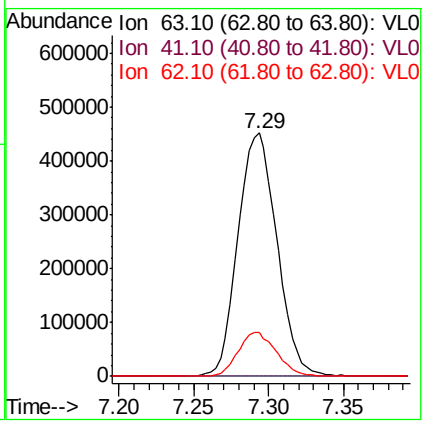


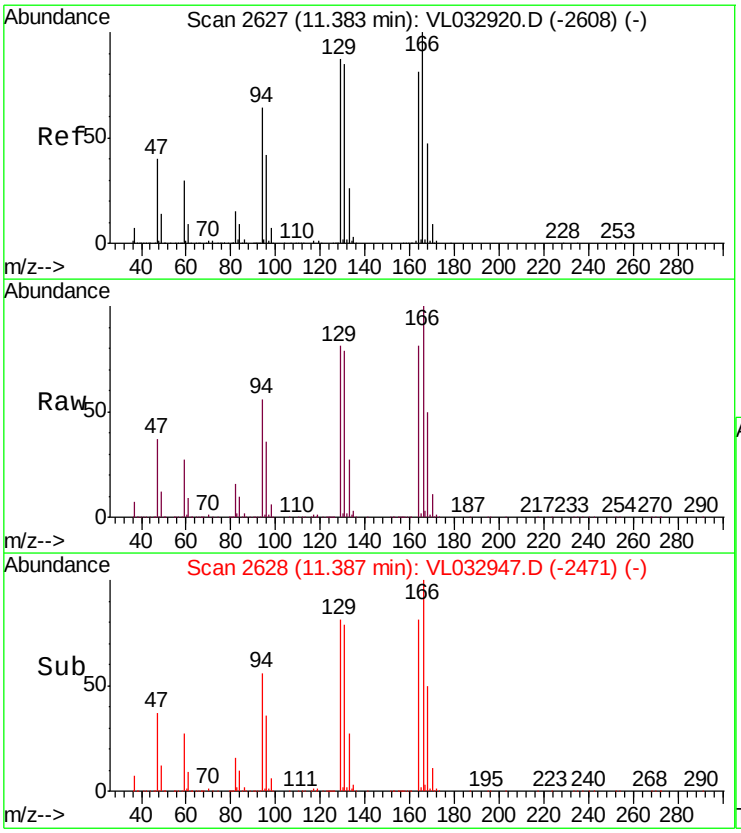
#39
1,2-Dichloropropane
Concen: 8.920 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 63 Resp: 820372

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	18.0	58.8	88.2#

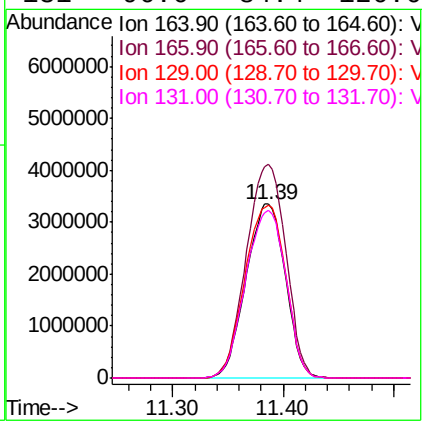


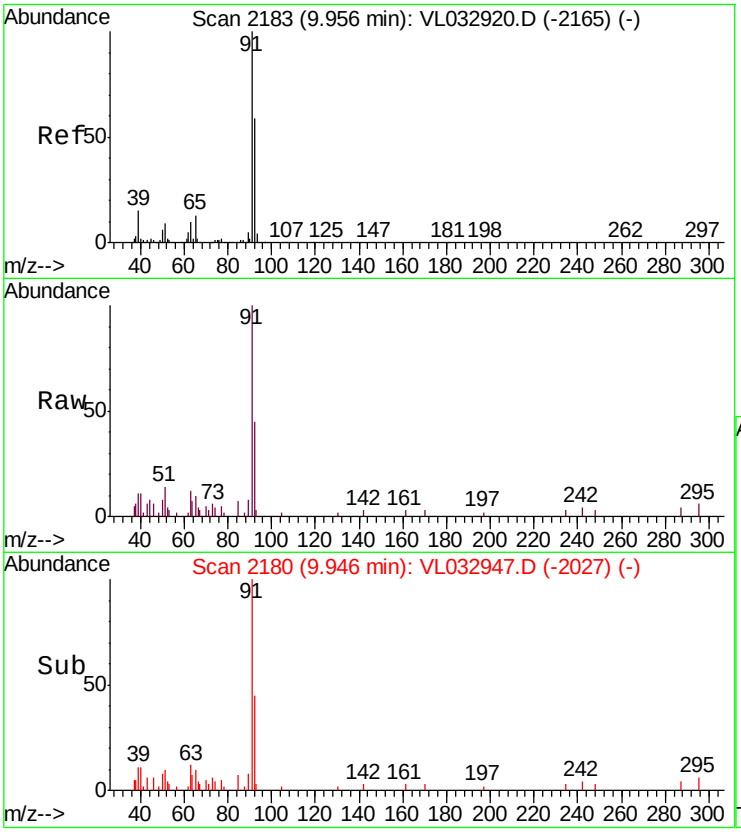


#52
Tetrachloroethene
Concen: 93.378 ppbv
RT: 11.39 min Scan# 2628
Delta R.T. 0.00 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion:164 Resp: 8237039

Ion	Ratio	Lower	Upper
164	100		
166	122.8	98.8	148.2
129	99.4	85.5	128.3
131	96.6	84.4	126.6



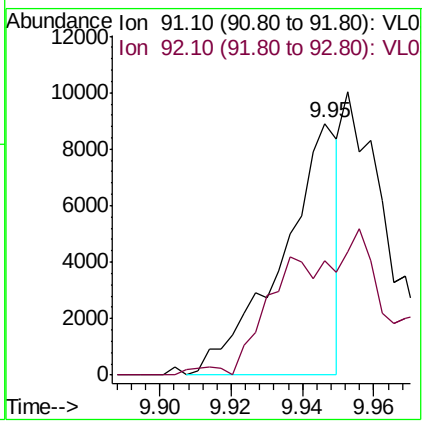


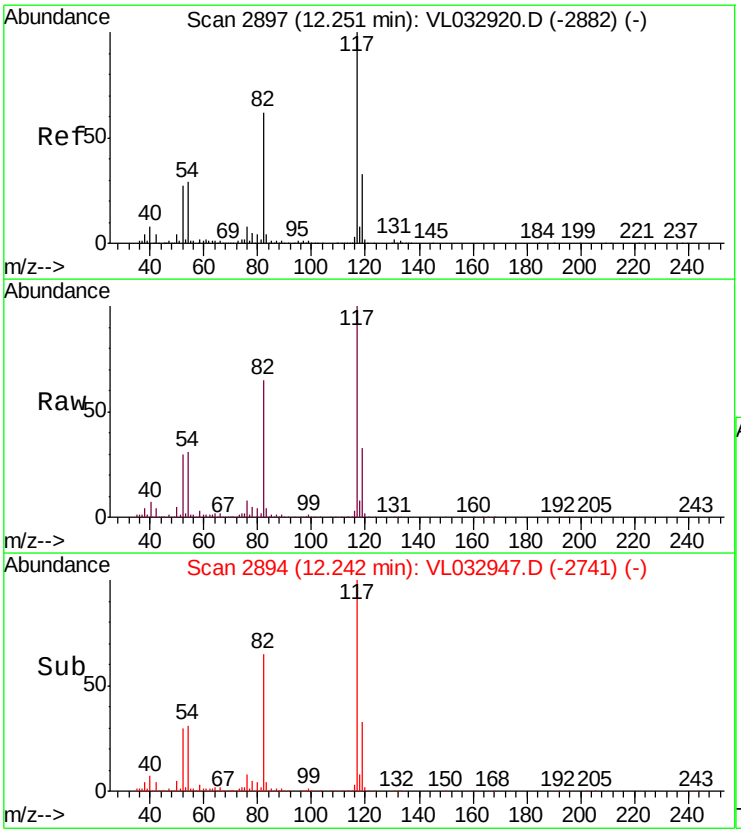
#53
Toluene
Concen: 0.038 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 91 Resp: 9787

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.0#

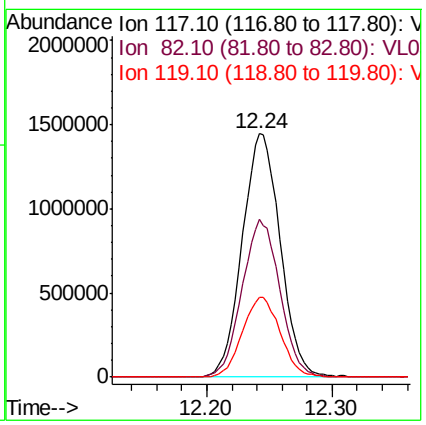


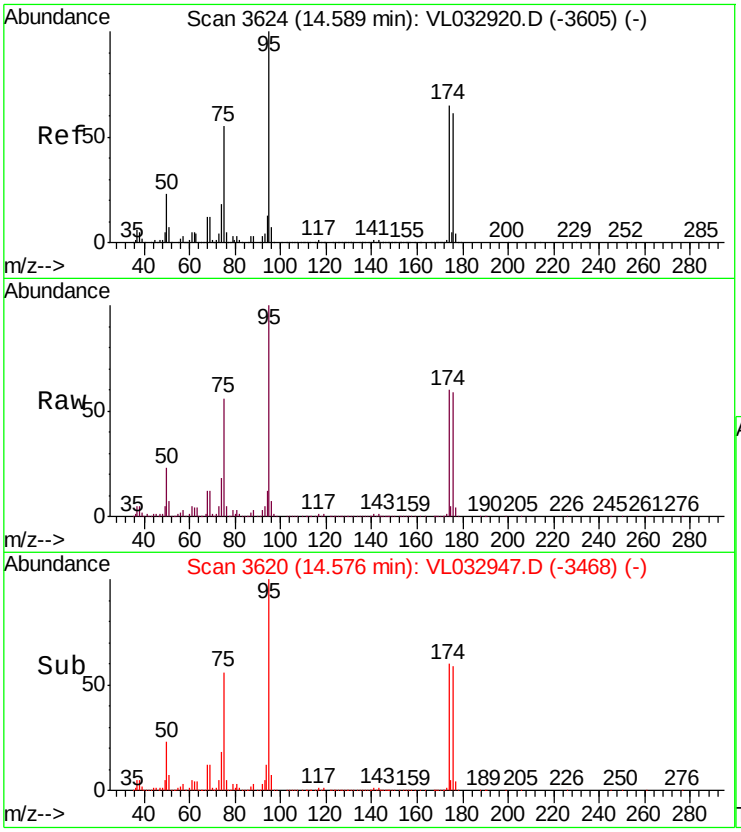


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion:117 Resp: 3043719

Ion	Ratio	Lower	Upper
117	100		
82	64.7	47.8	71.8
119	32.9	43.1	64.7#



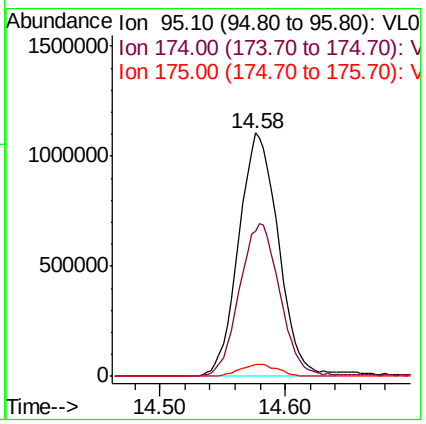


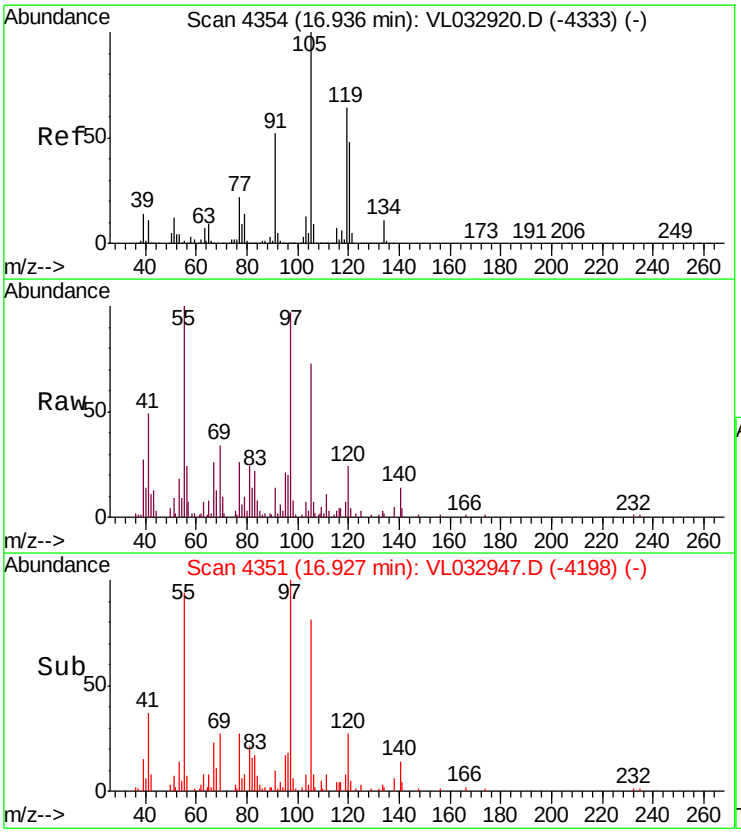
#68
1-Bromo-4-Fluorobenzene
Concen: 10.836 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 95 Resp: 2436616

Ion	Ratio	Lower	Upper
95	100		
174	65.1	51.4	77.0
175	4.8	3.8	5.6





#74
1,2,4-Trimethylbenzene
Concen: 0.056 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Tgt Ion:105 Resp: 20469

Ion	Ratio	Lower	Upper
105	100		
120	28.8	38.6	58.0#
91	14.7	41.7	62.5#
77	32.0	17.4	26.2#