Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033905.D
Acq On : 13 Jun 2019 20:06
Operator : SY/AP
Sample : K3357-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 14 05:34:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	871587	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.29	114	2026726	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.23	117	2420760	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.56	95	1881033	9.46	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.60%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	74625	0.727	ppbv	#	78
4) Chloromethane	3.16	50	27767	0.474	ppbv		98
9) Propene	3.03	41	300287	7.821	ppbv		99
10) Heptane	8.23	43	68887	0.710	ppbv		99
11) Trichlorofluoromethane	3.99	101	52783	0.289	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	12630	0.102	ppbv	#	81
13) Ethanol	3.67	45	508021	40.669	ppbv		96
15) Acetone	4.04	43	573131	4.509	ppbv	#	1
16) 1,3-Butadiene	3.38	39	66638	1.377	ppbv	#	6
17) tert-Butyl alcohol	4.37	59	1279390	12.875	ppbv		98
19) Isopropyl Alcohol	4.04	45	2184345	30.080	ppbv	#	94
20) Methylene Chloride	4.42	84	291509	5.881	ppbv		97
21) Allyl Chloride	4.42	41	18108	0.251	ppbv	#	18
23) Vinyl Acetate	5.15	43	356601	2.413	ppbv	#	95
25) Ethyl Acetate	5.77	43	219857	1.136	ppbv	#	92
26) Hexane	5.77	57	217018	2.462	ppbv	#	32
27) Carbon Disulfide	4.61	76	78298	0.639	ppbv	#	79
28) Methyl tert-Butyl Ether	5.10	73	19906	0.149	ppbv	#	54
29) Chloroform	5.85	83	84648	0.561	ppbv		96
30) Cyclohexane	7.24	84	5291	0.085	ppbv	#	1
34) 2-Butanone	5.33	43	6126875	53.586	ppbv		97
35) Carbon Tetrachloride	7.13	117	6962	0.044	ppbv	#	51
36) Benzene	7.00	78	44913	0.290	ppbv		99
37) 1,2-Dichloroethane	6.41	62	9069	0.079	ppbv	#	85
38) Trichloroethene	7.95	130	5038	0.084	ppbv		87
39) 1,2-Dichloropropane	7.29	63	520100	8.704	ppbv	#	26
41) Tetrahydrofuran	6.14	42	380941	6.564	ppbv		99
42) Bromodichloromethane	7.92	83	10458	0.068	ppbv	#	75
44) 2,2,4-Trimethylpentane	7.97	57	235342	0.855	ppbv	#	85
50) 4-Methyl-2-Pentanone	8.86	43	88545	0.519	ppbv		98
51) 2-Hexanone	10.25	43	738805	5.549	ppbv	#	99
52) Tetrachloroethene	11.36	164	92302	1.694	ppbv		93
53) Toluene	9.94	91	738591	4.311	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.50	131	1302029	12.312	ppbv	#	26
58) Ethyl Benzene	12.85	91	102305	0.375	ppbv		96
59) m/p-Xylene	13.10	91	266895	1.075	ppbv		100
60) o-Xylene	13.83	91	141022	0.550	ppbv		99
61) Styrene	13.68	104	27899	0.168	ppbv	#	7
62) Isopropylbenzene	14.81	105	85993	0.249	ppbv		97
64) n-propylbenzene	15.70	120	100188	1.133	ppbv		93
65) tert-Butylbenzene	16.91	119	123485	0.386	ppbv	#	64

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033905.D
Acq On : 13 Jun 2019 20:06
Operator : SY/AP
Sample : K3357-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 14 05:34:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) sec-Butylbenzene	17.44	105	17195	0.038	ppbv	#	53
69) p-Isopropyltoluene	17.80	119	22397	0.060	ppbv	#	47
70) n-Butylbenzene	18.70	91	45820	0.112	ppbv	#	50
71) 2-Chlorotoluene	15.71	91	485670	1.909	ppbv	#	45
72) 4-Ethyltoluene	15.99	105	583375	2.001	ppbv		98
73) 1,3,5-Trimethylbenzene	16.14	105	440074	1.532	ppbv		94
74) 1,2,4-Trimethylbenzene	16.91	105	1047478	3.164	ppbv	#	76
75) 1,3-Dichlorobenzene	17.15	146	6469	0.031	ppbv	#	23
78) Hexachloro-1,3-Butadiene	23.53	225	7184	0.048	ppbv	#	1
79) Naphthalene	22.39	128	10682	0.040	ppbv	#	94
80) Naphthalene,2-methyl-	25.10	142	11641	0.110	ppbv	#	88

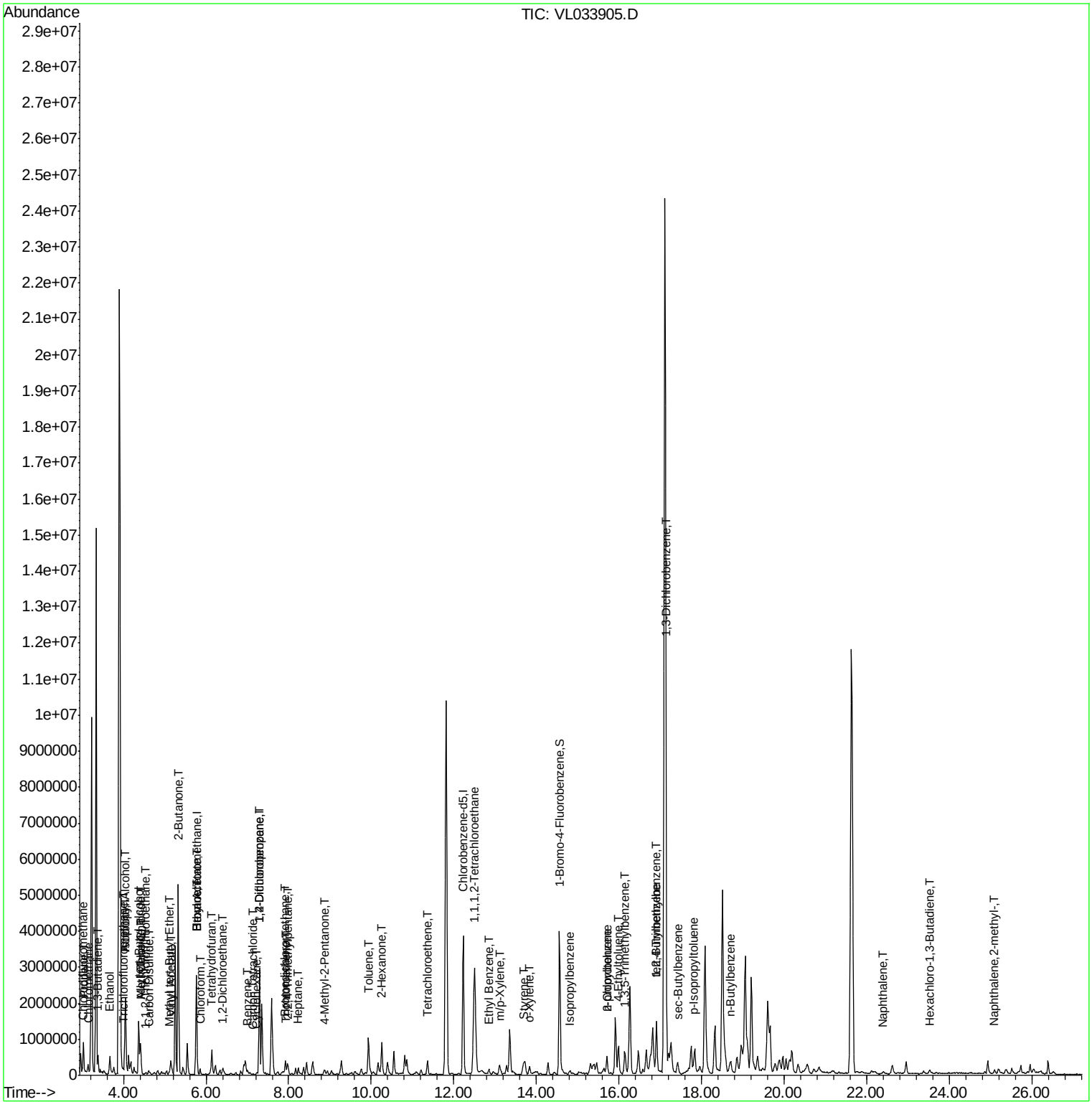
(#) = qualifier out of range (m) = manual integration (+) = signals summed

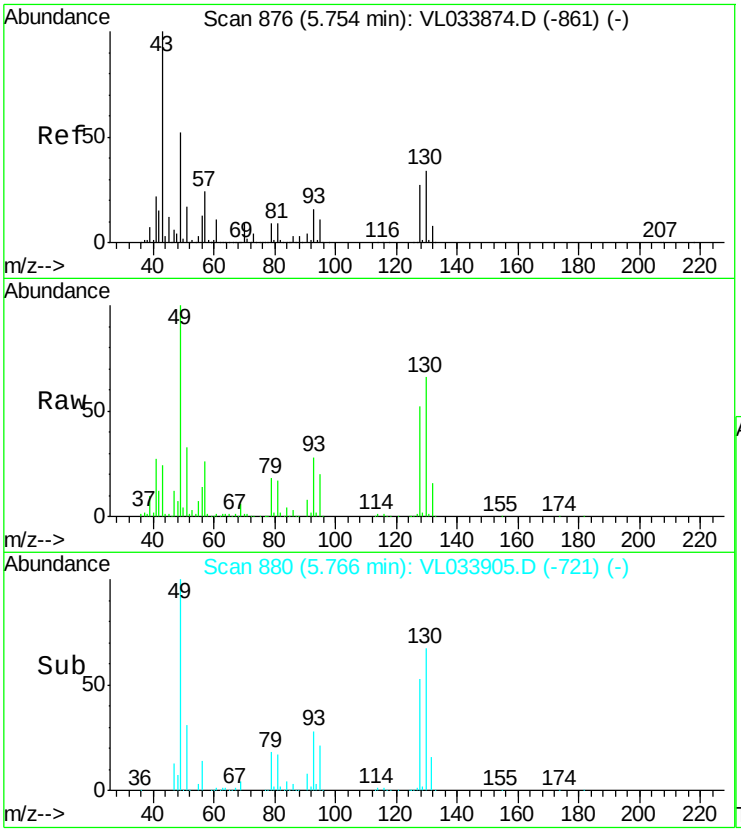
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033905.D
Acq On : 13 Jun 2019 20:06
Operator : SY/AP
Sample : K3357-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 14 05:34:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



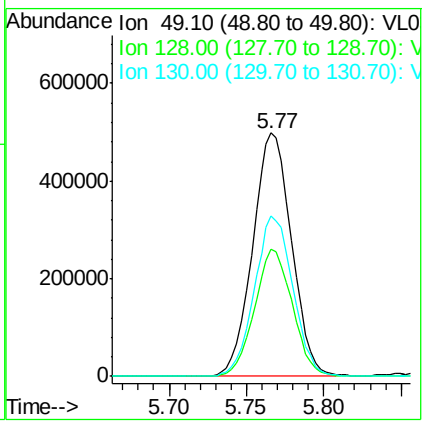


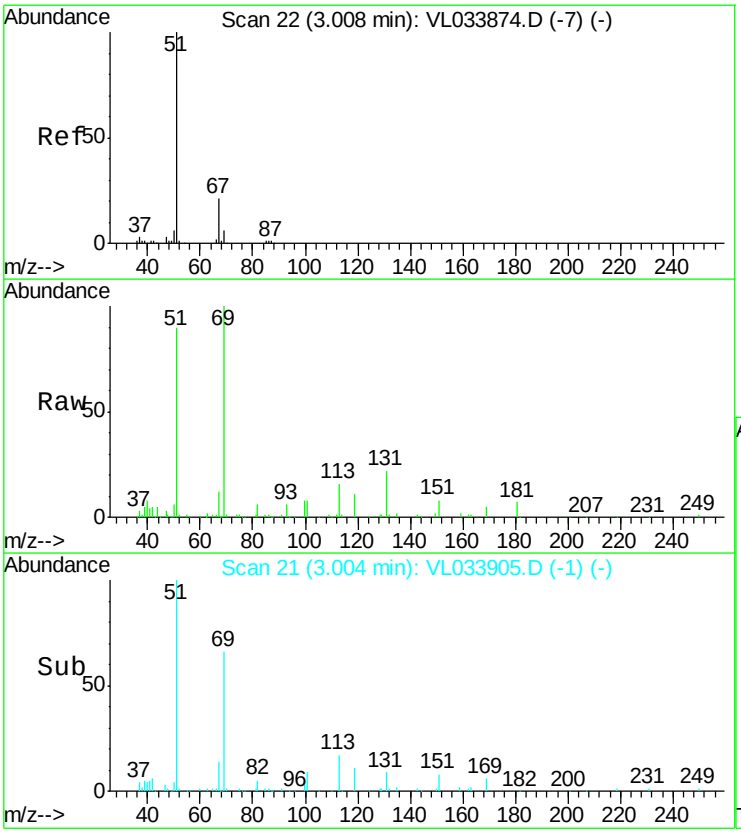
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 871587

Ion	Ratio	Lower	Upper
49	100		
128	50.8	25.5	76.5
130	65.1	32.5	97.4

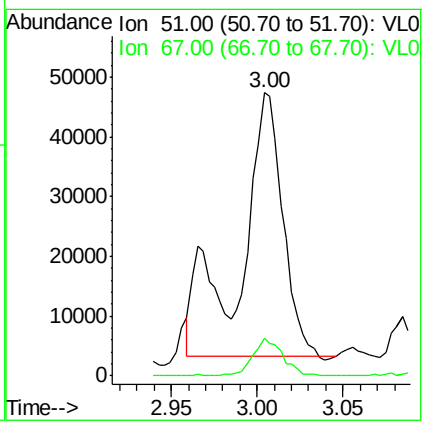


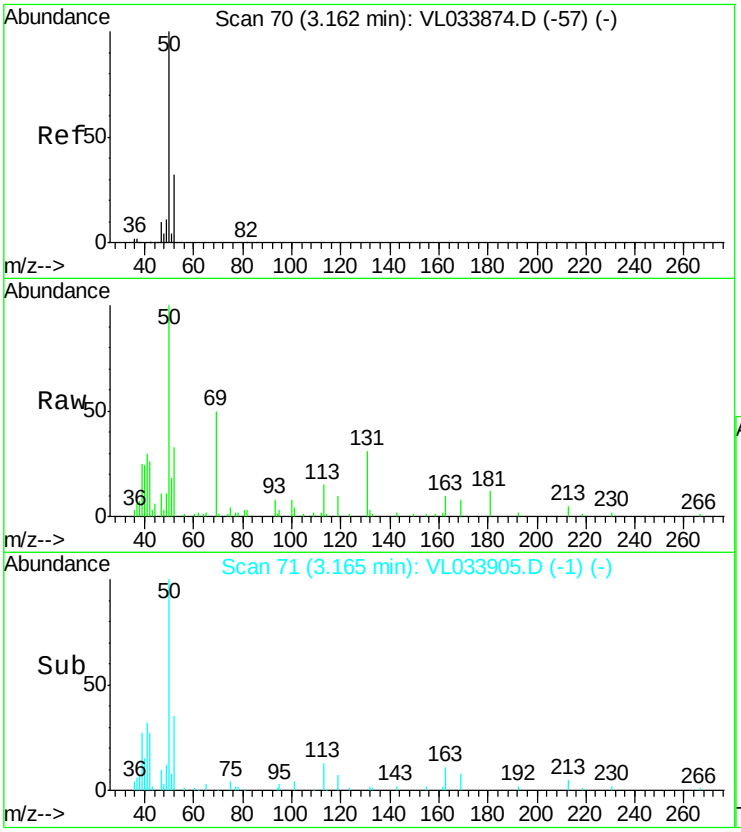


#3
Chlorodifluoromethane
Concen: 0.727 ppbv
RT: 3.00 min Scan# 21
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 51 Resp: 74625

Ion	Ratio	Lower	Upper
51	100		
67	10.2	16.4	24.6#



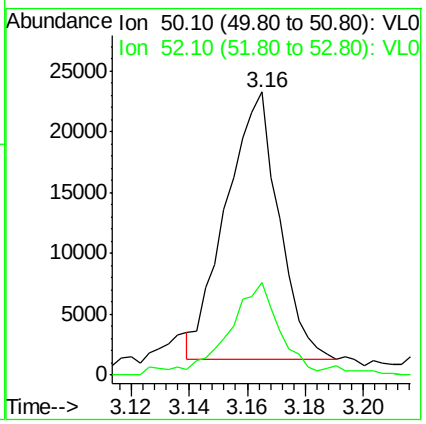


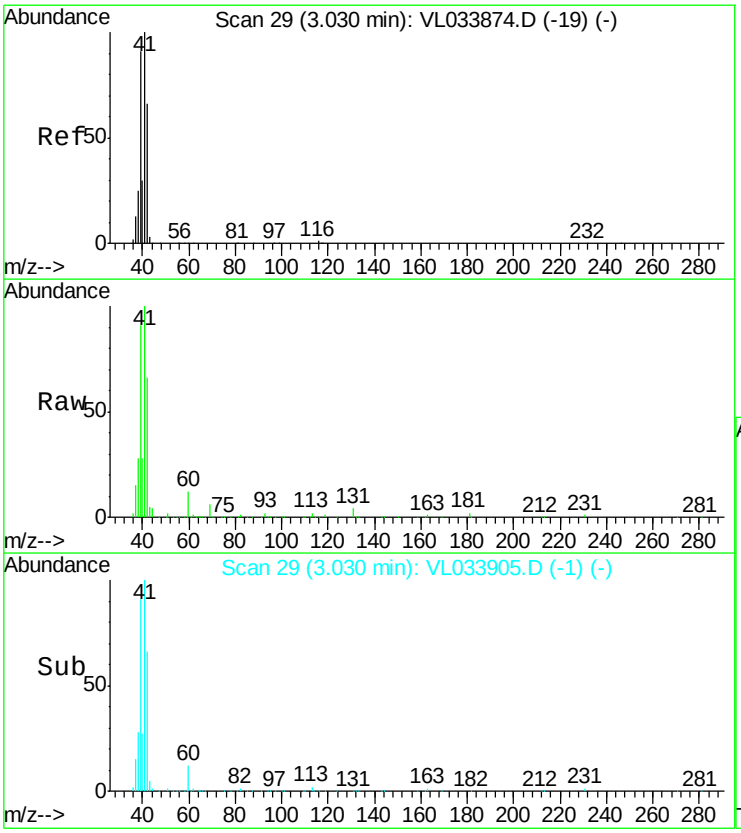
#4
Chloromethane
Concen: 0.474 ppbv
RT: 3.16 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 27767

Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.0

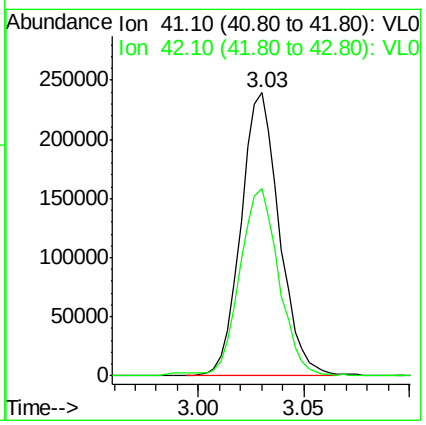


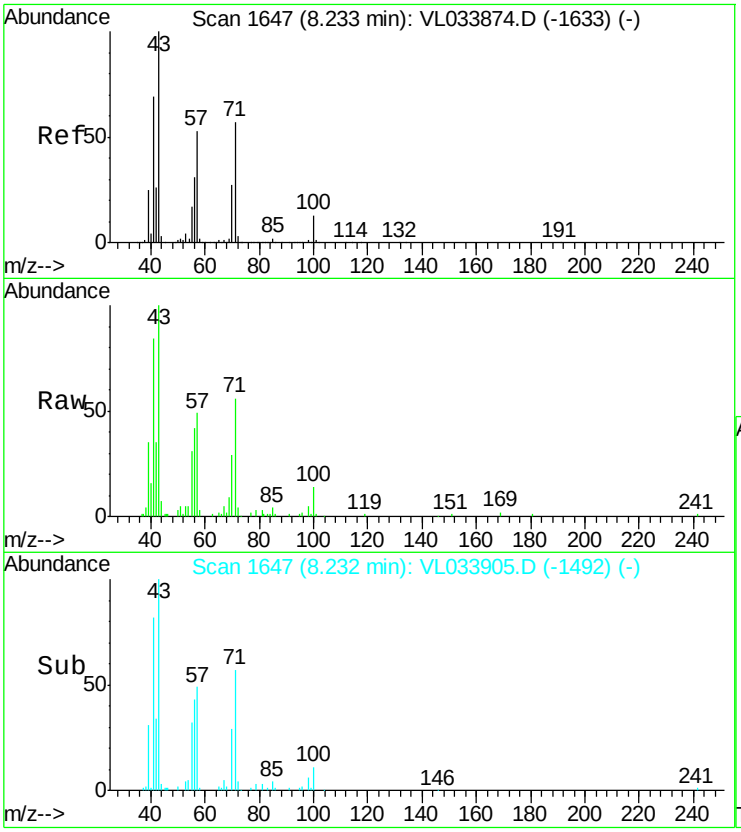


#9
Propene
Concen: 7.821 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 41 Resp: 300287

Ion	Ratio	Lower	Upper
41	100		
42	69.2	56.3	84.5



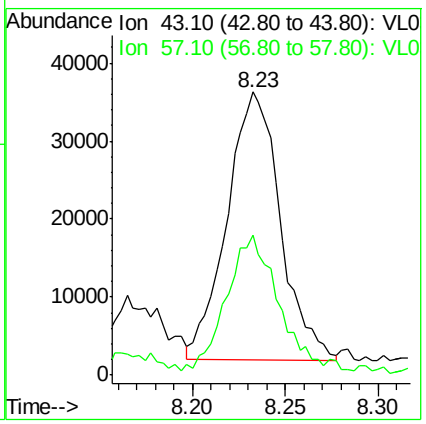


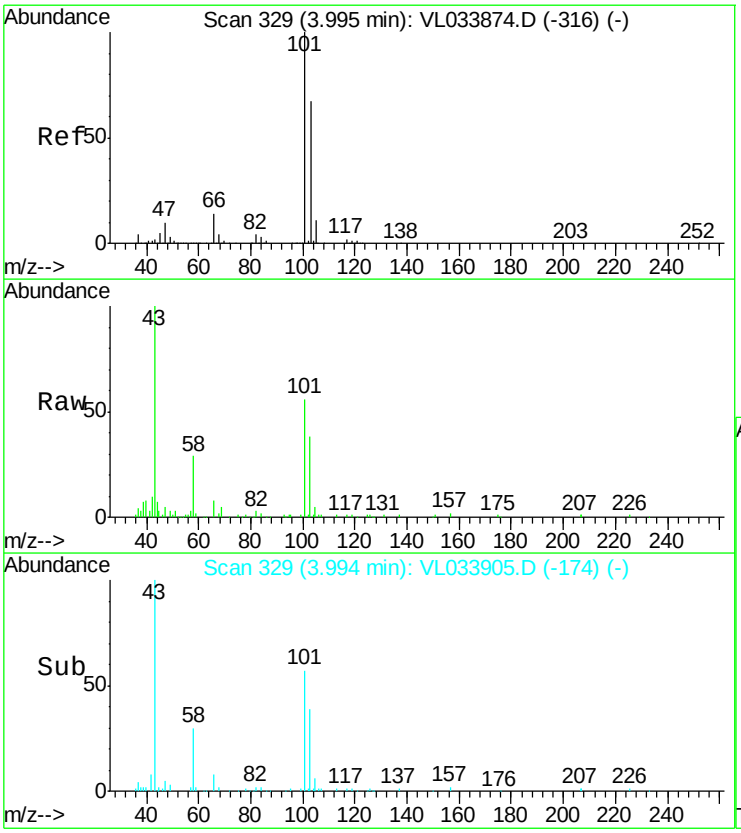
#10
Heptane
Concen: 0.710 ppbv
RT: 8.23 min Scan# 1647
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 68887

Ion	Ratio	Lower	Upper
43	100		
57	52.6	41.7	62.5

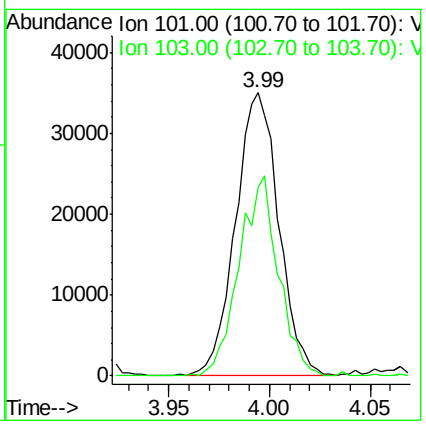


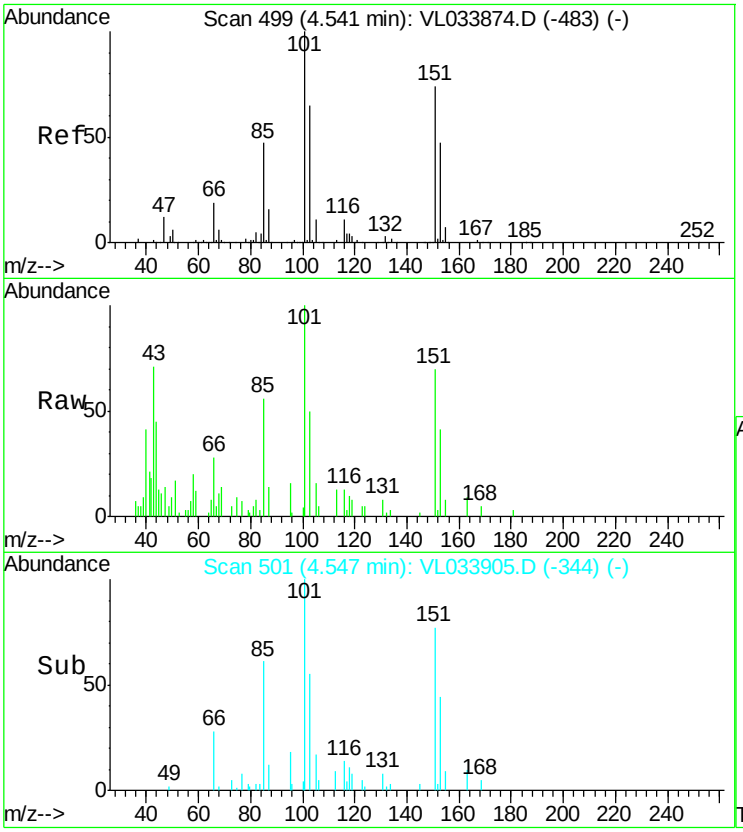


#11
Trichlorofluoromethane
Concen: 0.289 ppbv
RT: 3.99 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:101 Resp: 52783

Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.6	80.4



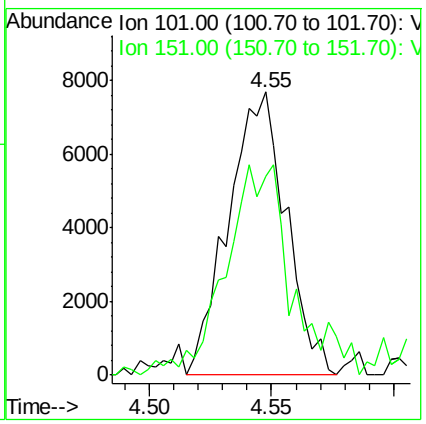


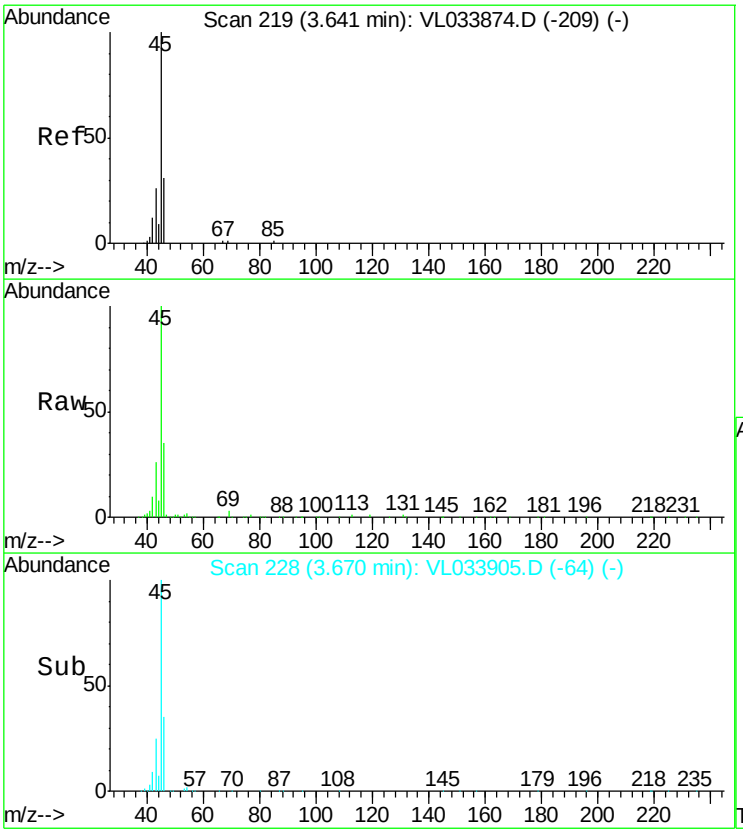
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.102 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 12630

Ion	Ratio	Lower	Upper
101	100		
151	89.1	58.6	87.8#

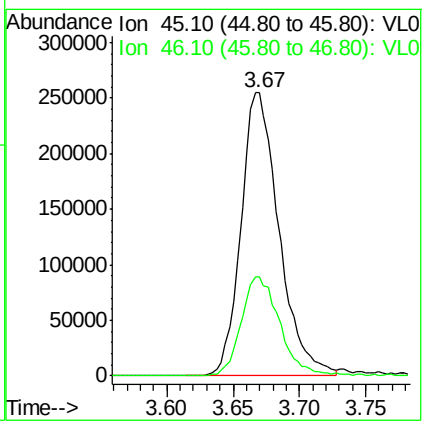


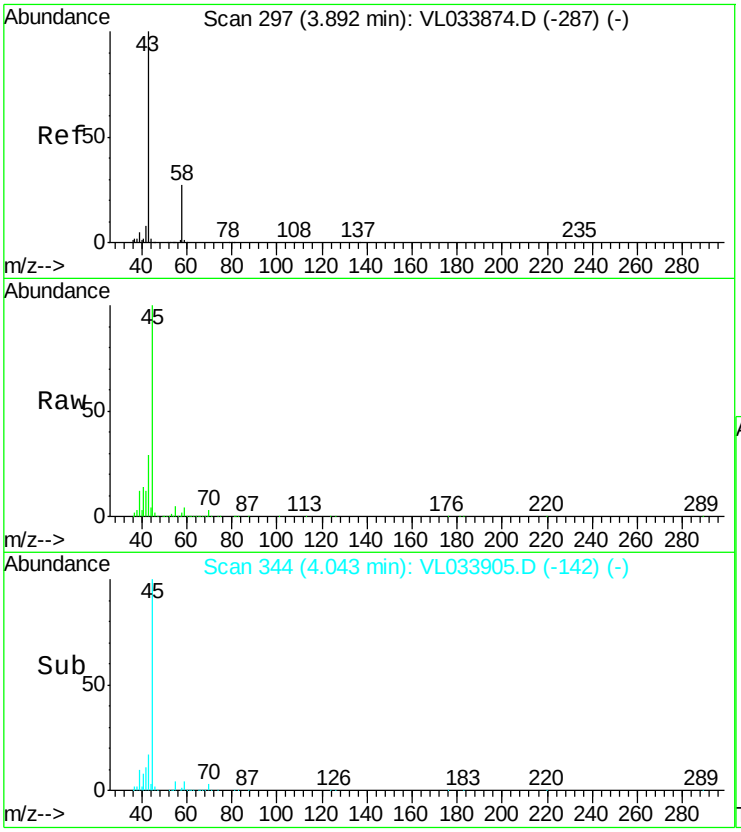


#13
Ethanol
Concen: 40.669 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.03 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 45 Resp: 508021

Ion	Ratio	Lower	Upper
45	100		
46	35.7	15.3	61.1



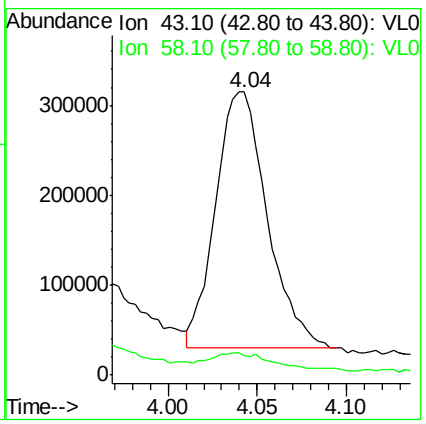


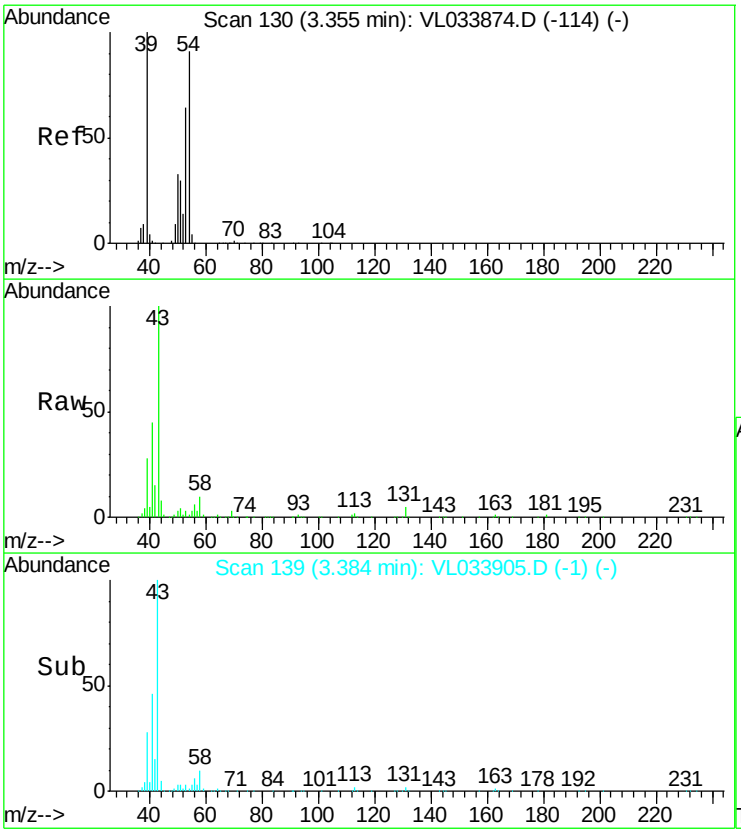
#15
Acetone
Concen: 4.509 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.15 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 573131

Ion	Ratio	Lower	Upper
43	100		
58	2580.4	21.3	31.9#

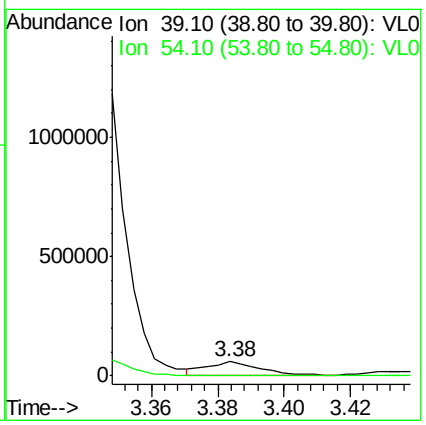


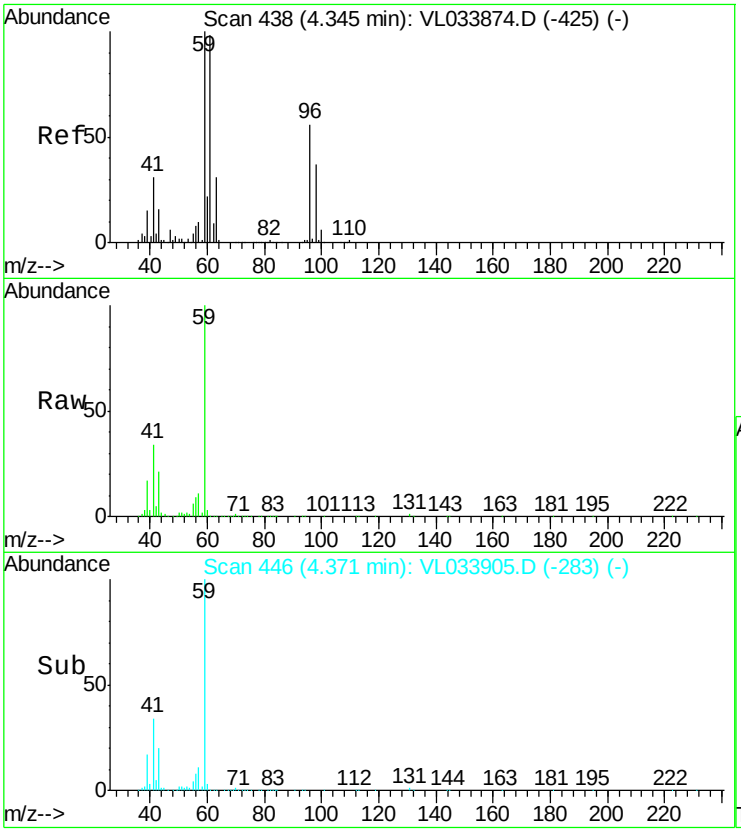


#16
1,3-Butadiene
Concen: 1.377 ppbv
RT: 3.38 min Scan# 139
Delta R.T. 0.03 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 39 Resp: 66638

Ion	Ratio	Lower	Upper
39	100		
54	0.0	68.6	103.0#



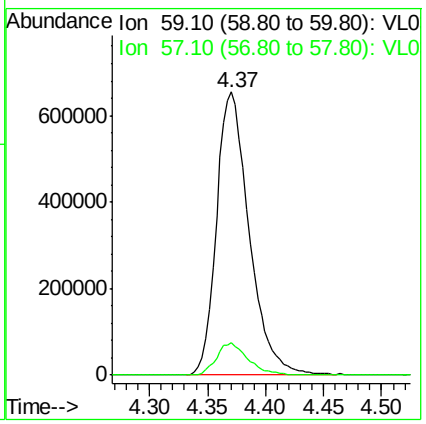


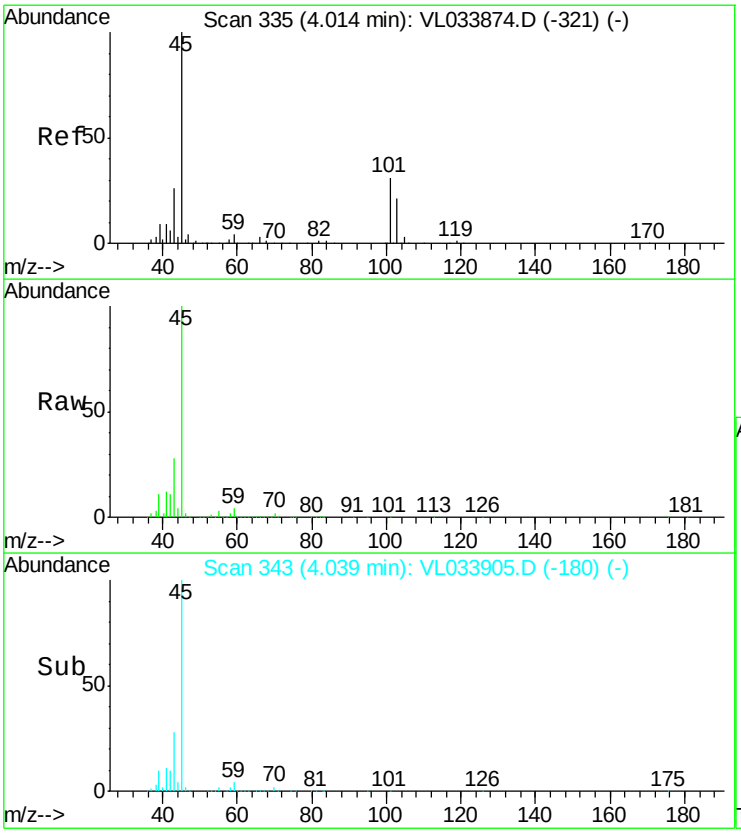
#17
tert-Butyl alcohol
Concen: 12.875 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.03 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 1279390

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.4	12.6

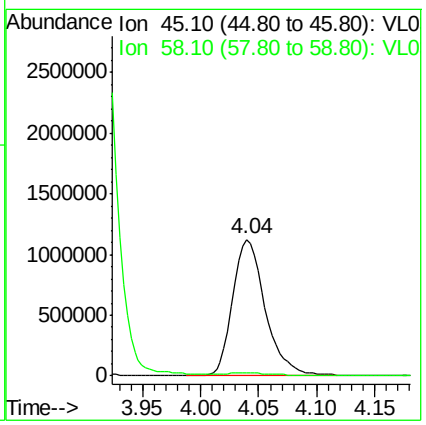


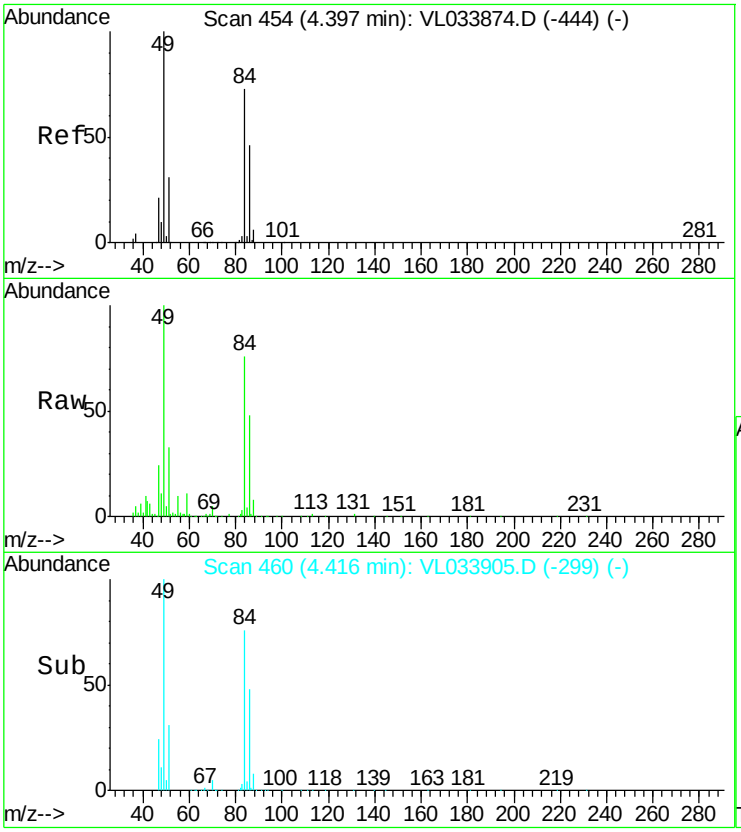


#19
Isopropyl Alcohol
Concen: 30.080 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.03 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 45 Resp: 2184345

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#



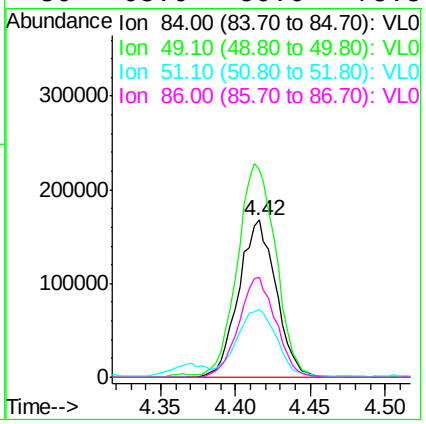


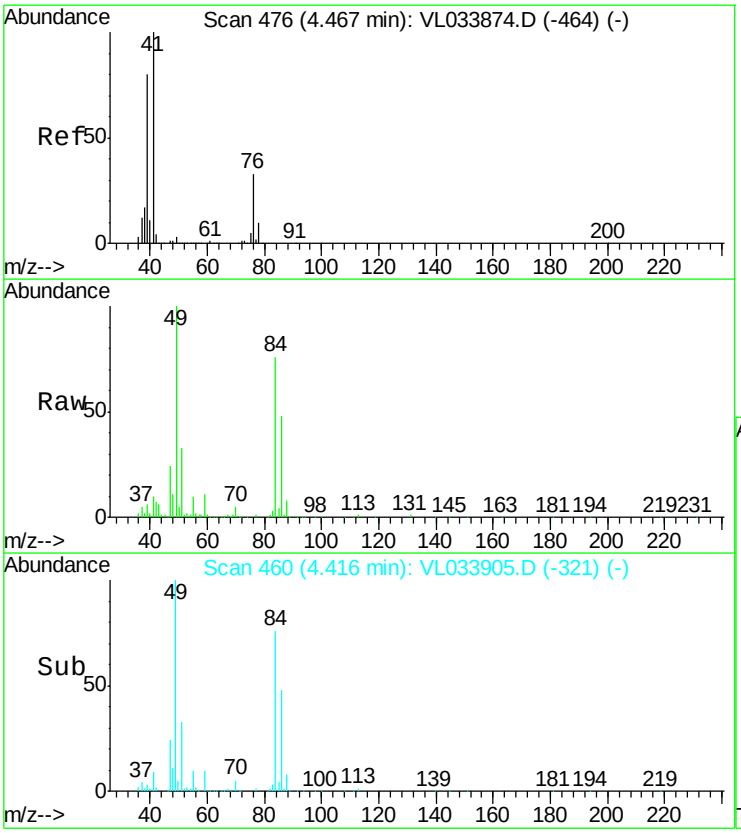
#20
Methylene Chloride
Concen: 5.881 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.02 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 291509

Ion	Ratio	Lower	Upper
84	100		
49	131.3	110.0	165.0
51	42.7	34.6	51.8
86	63.6	50.6	75.8

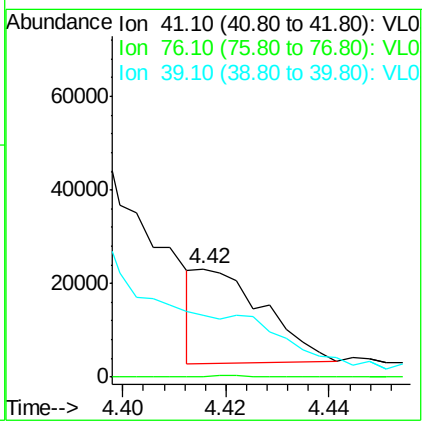


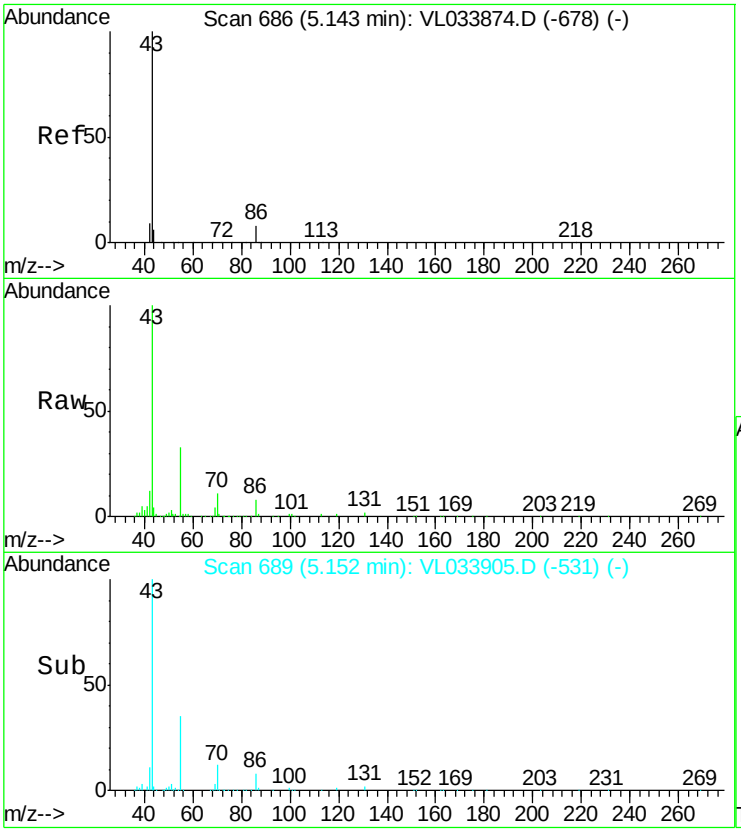


#21
Allyl Chloride
Concen: 0.251 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.05 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 41 Resp: 18108

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.6	39.8#
39	0.0	65.2	97.8#



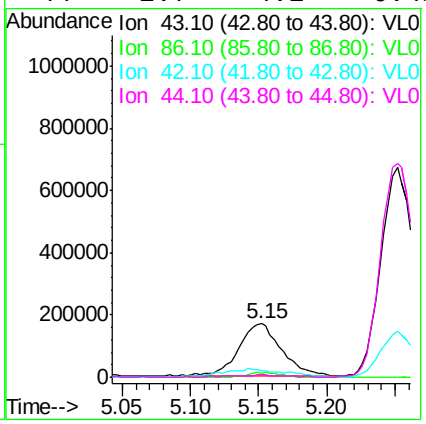


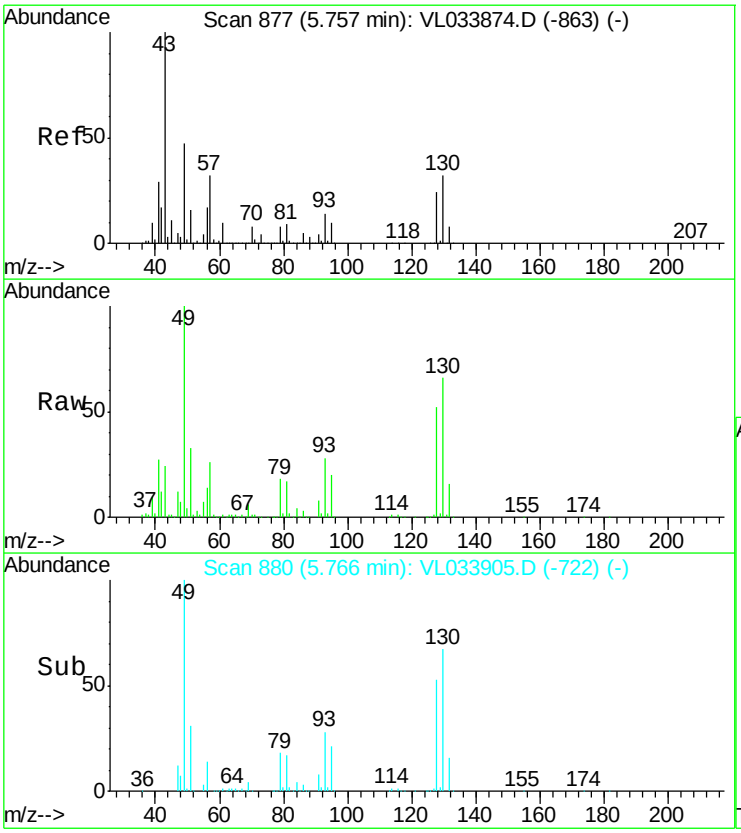
#23
Vinyl Acetate
Concen: 2.413 ppbv
RT: 5.15 min Scan# 689
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 356601

Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.8	8.8
42	11.6	7.8	11.8
44	2.7	4.2	6.4#

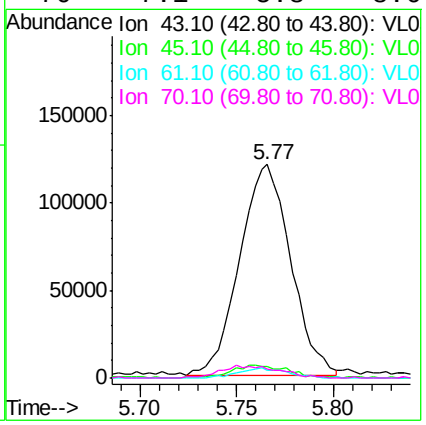


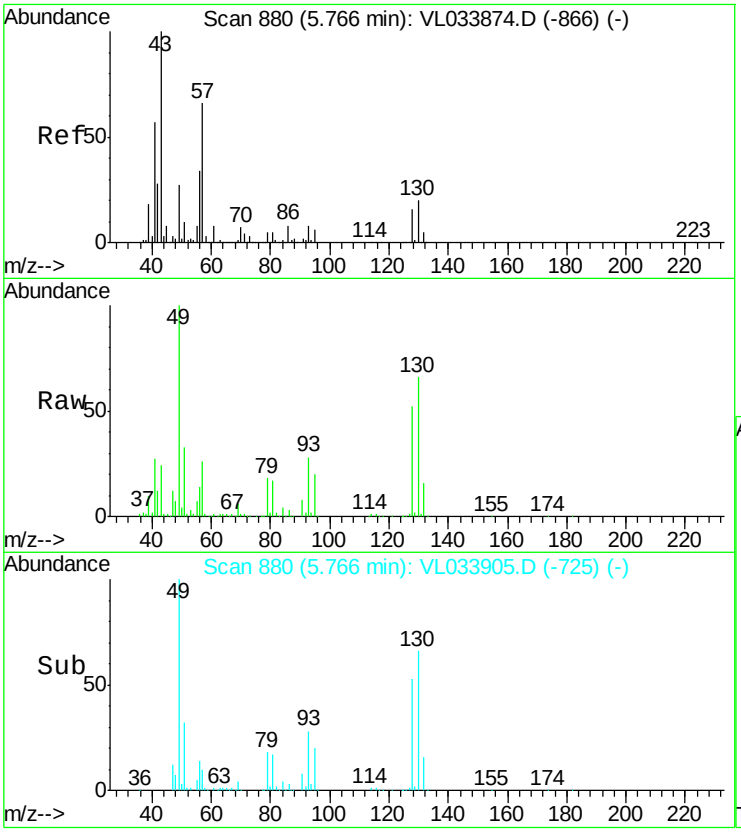


#25
Ethyl Acetate
Concen: 1.136 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 43 Resp: 219857

Ion	Ratio	Lower	Upper
43	100		
45	6.6	7.9	11.9#
61	4.5	7.8	11.6#
70	7.1	5.8	8.6



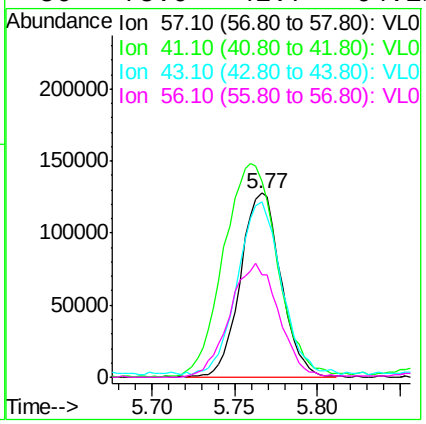


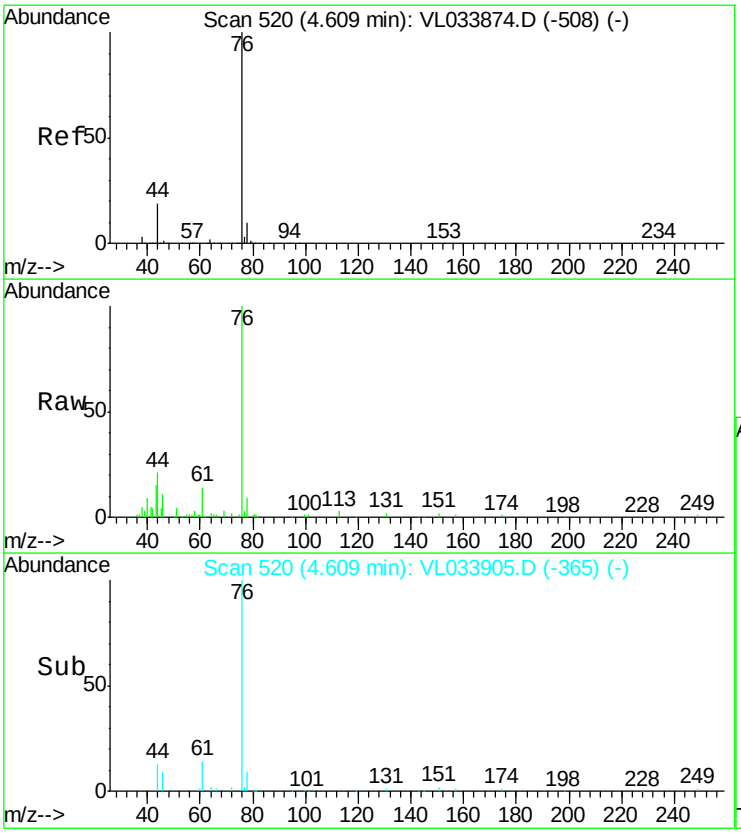
#26
Hexane
Concen: 2.462 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 217018

Ion	Ratio	Lower	Upper
57	100		
41	152.5	71.4	107.2#
43	103.3	183.7	275.5#
56	75.0	42.7	64.1#

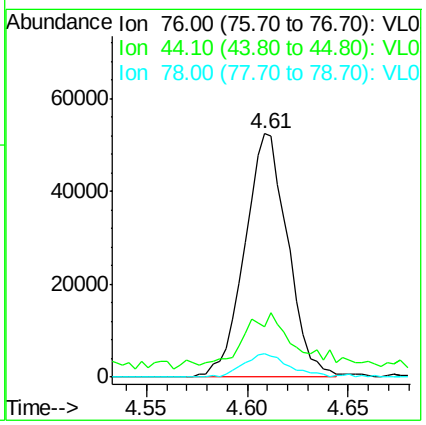


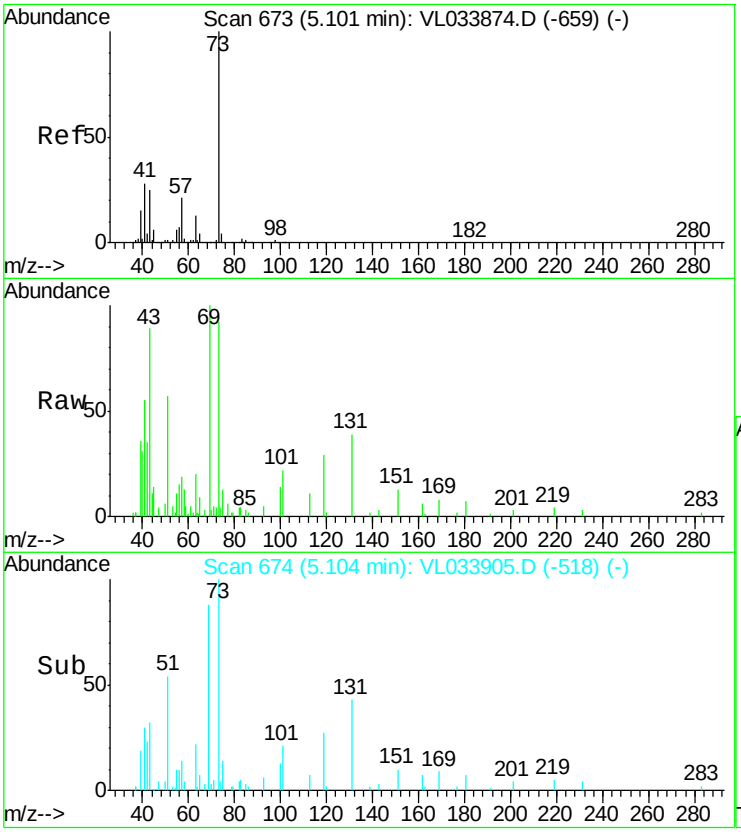


#27
Carbon Disulfide
Concen: 0.639 ppbv
RT: 4.61 min Scan# 520
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 76 Resp: 78298

Ion	Ratio	Lower	Upper
76	100		
44	31.4	14.4	21.6#
78	10.9	7.5	11.3



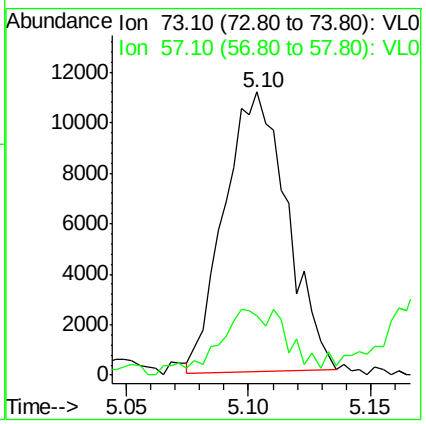


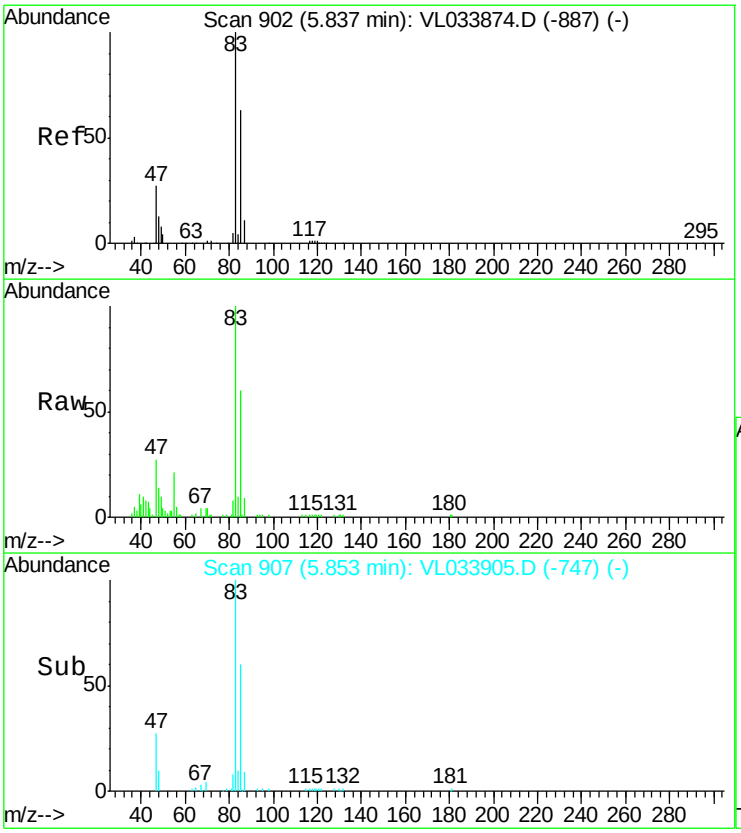
#28
Methyl tert-Butyl Ether
Concen: 0.149 ppbv
RT: 5.10 min Scan# 674
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 73 Resp: 19906

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.2	25.8#

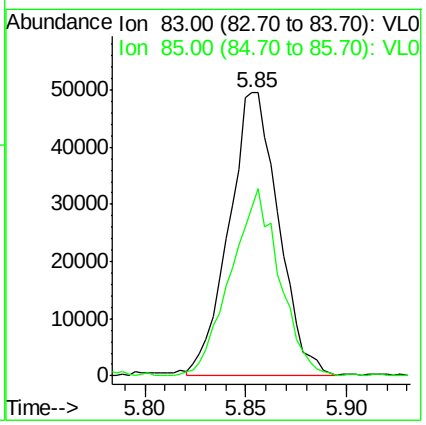


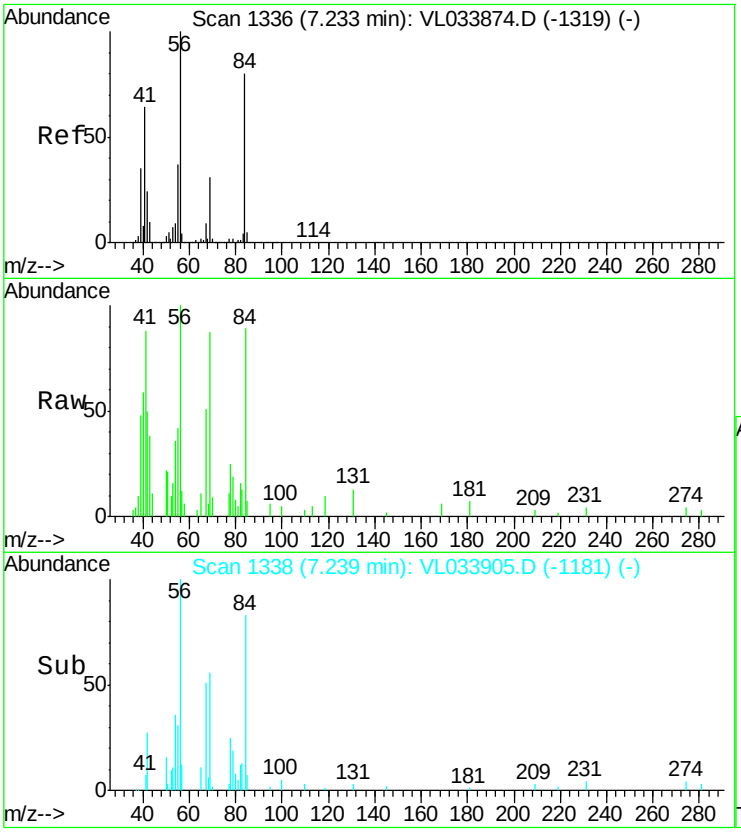


#29
Chloroform
Concen: 0.561 ppbv
RT: 5.85 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 83 Resp: 84648

Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.5	75.7



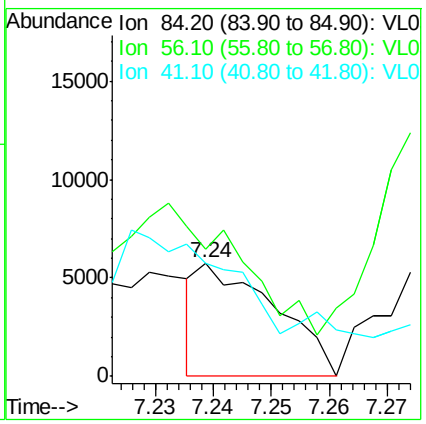


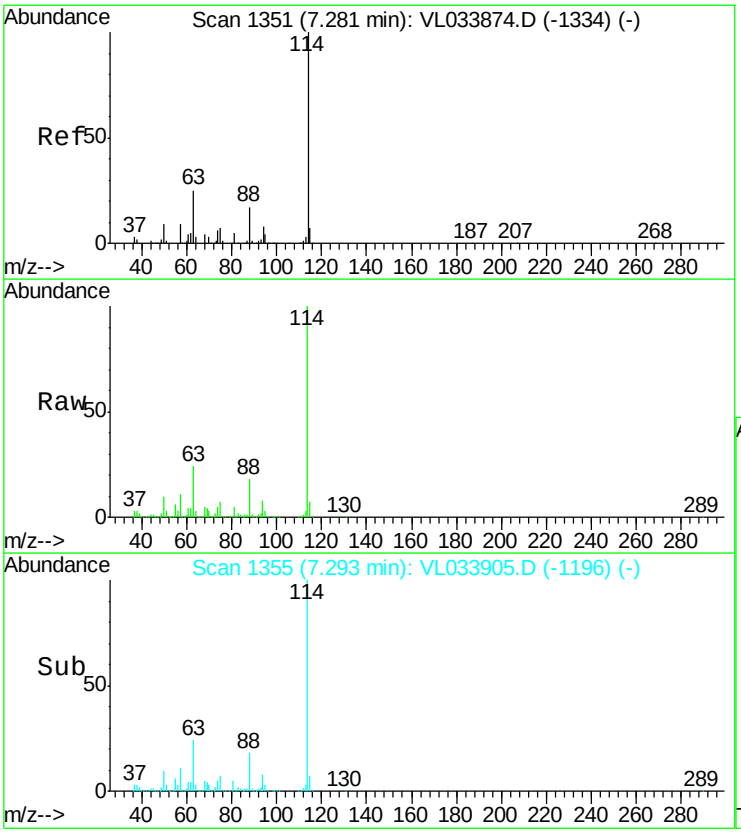
#30
Cyclohexane
Concen: 0.085 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 5291

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.8	158.8#
41	0.0	65.7	98.5#

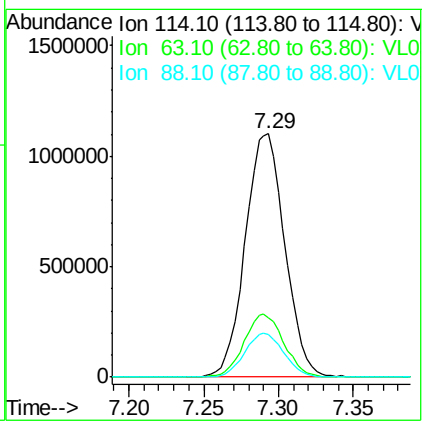


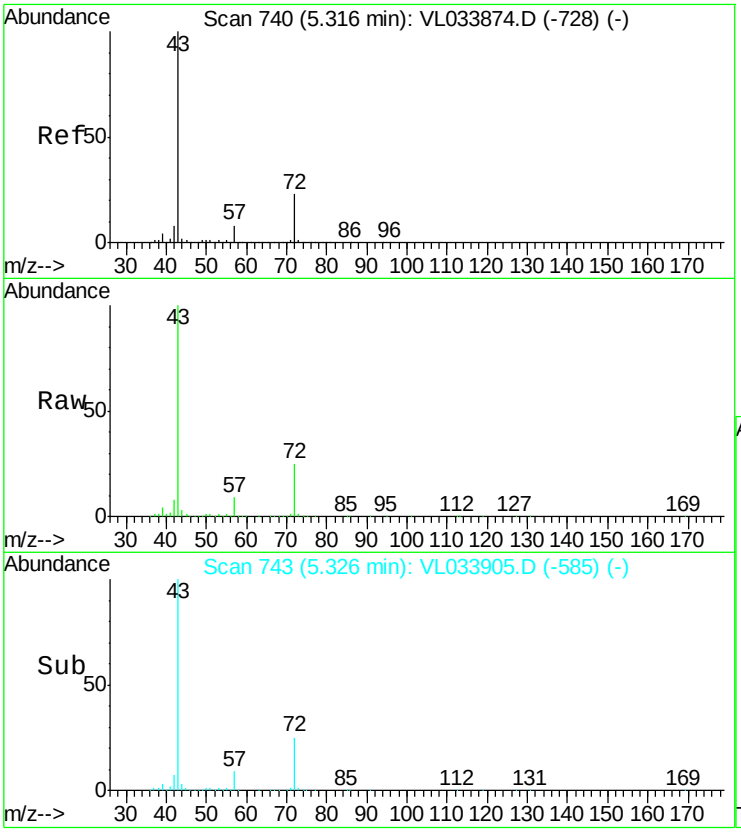


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:114 Resp: 2026726

Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.1	31.7
88	17.9	14.2	21.4



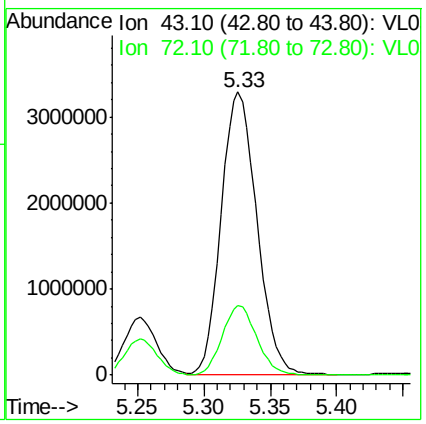


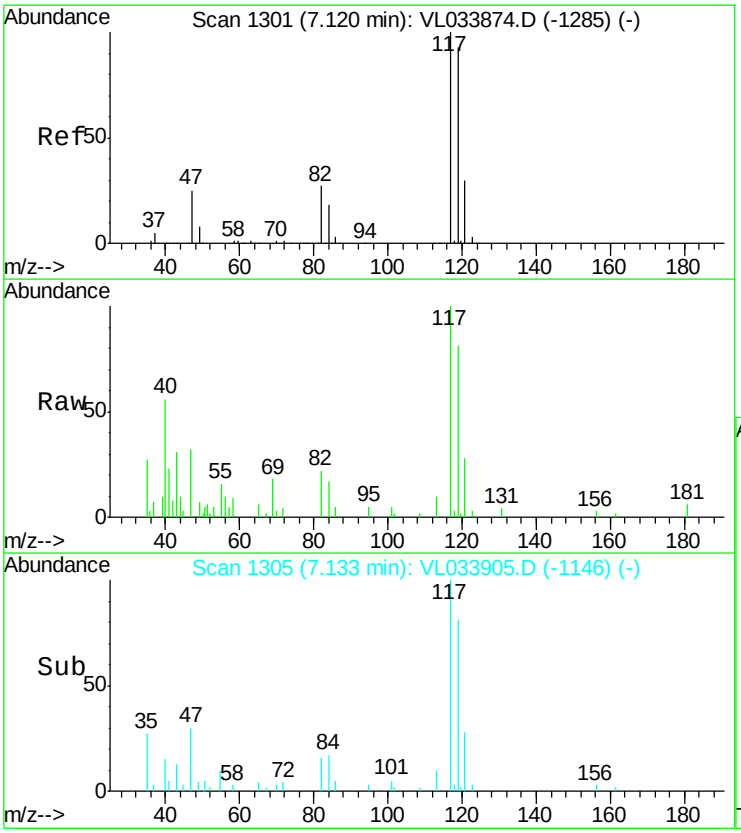
#34
2-Butanone
Concen: 53.586 ppbv
RT: 5.33 min Scan# 743
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 6126875

Ion	Ratio	Lower	Upper
43	100		
72	23.9	17.9	26.9

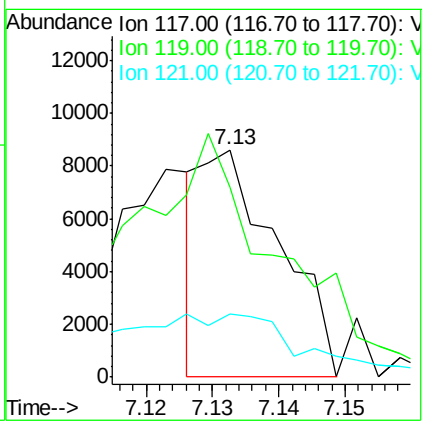


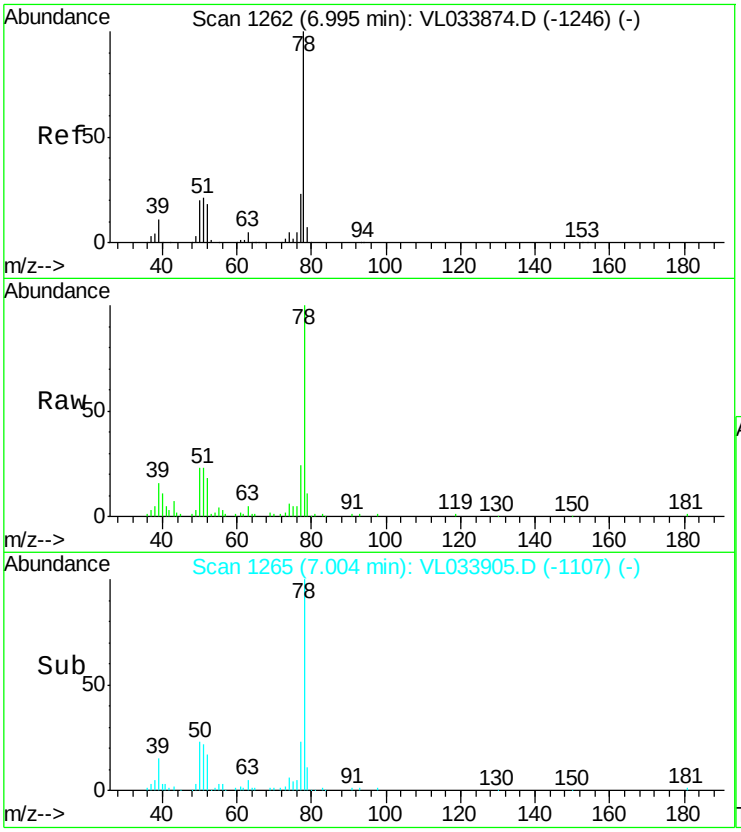


#35
Carbon Tetrachloride
Concen: 0.044 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:117 Resp: 6962

Ion	Ratio	Lower	Upper
117	100		
119	37.5	74.6	111.8#
121	18.6	24.0	36.0#



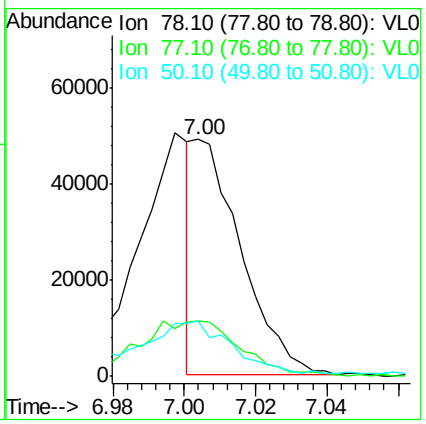


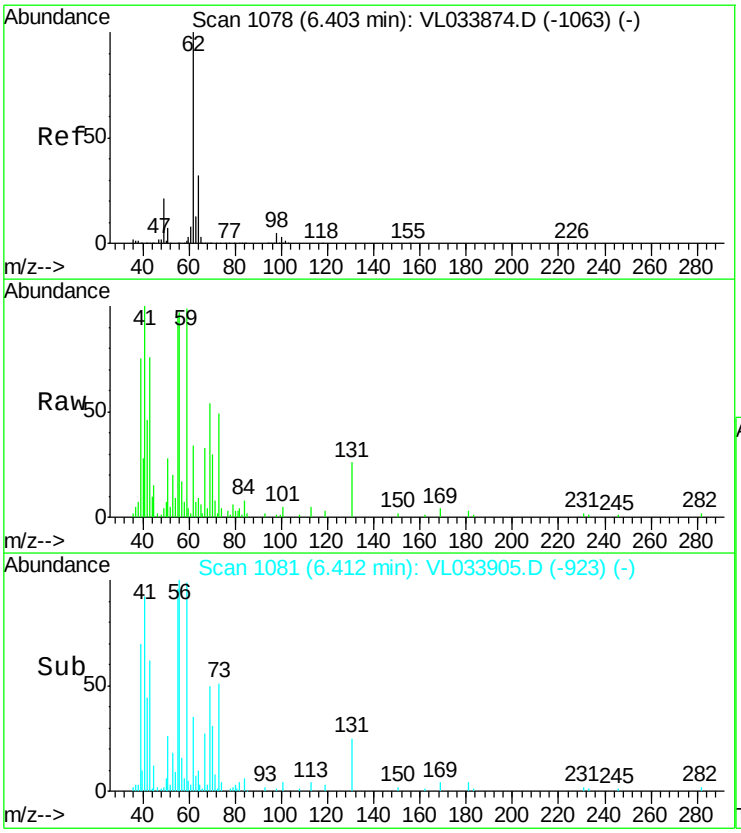
#36
Benzene
Concen: 0.290 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 44913

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2
50	20.5	15.9	23.9

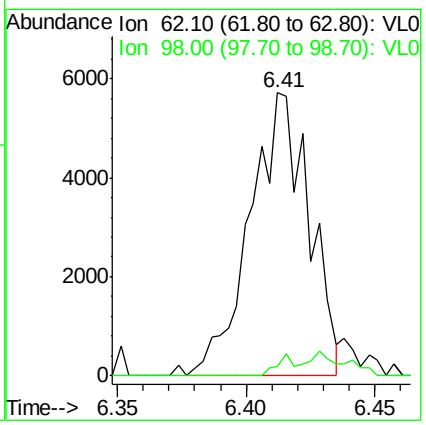


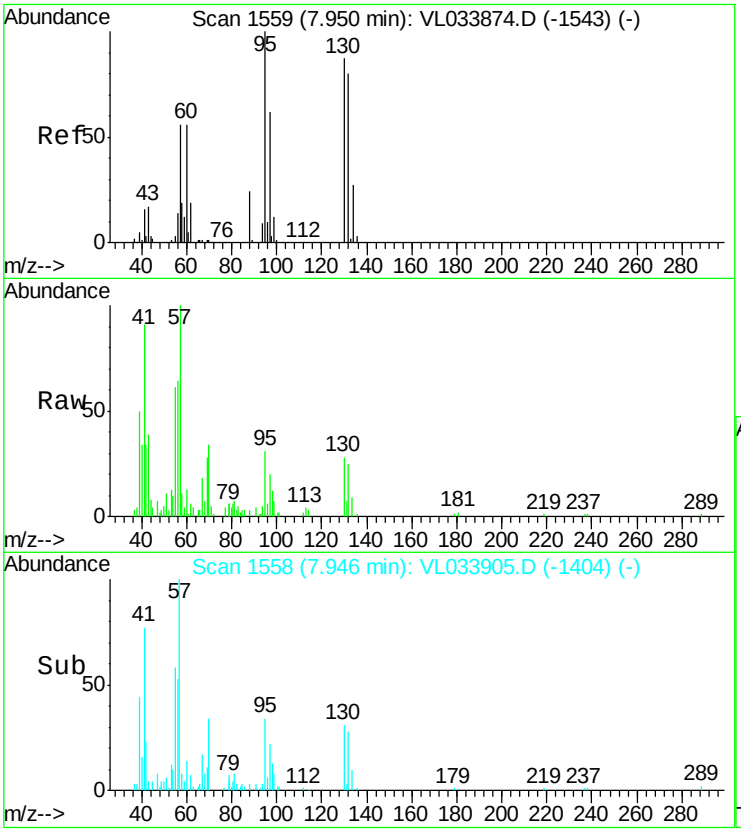


#37
1,2-Dichloroethane
Concen: 0.079 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 62 Resp: 9069

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.0	6.0#



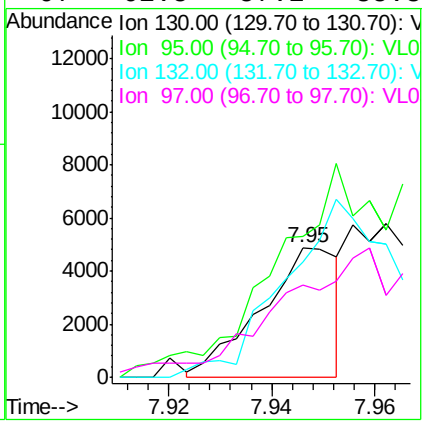


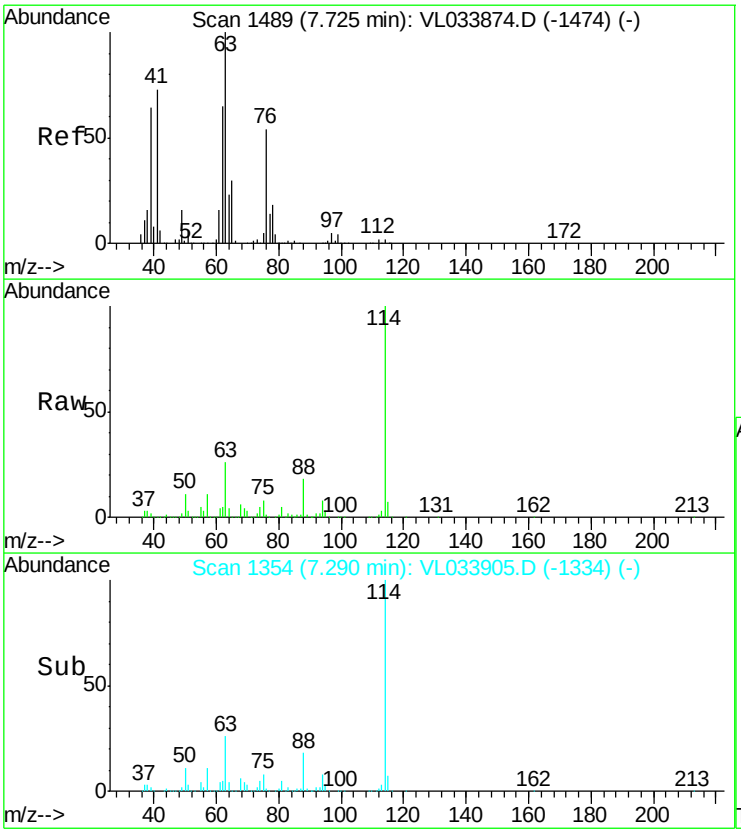
#38
Trichloroethene
Concen: 0.084 ppbv
RT: 7.95 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 5038

Ion	Ratio	Lower	Upper
130	100		
95	93.4	92.0	138.0
132	87.1	73.8	110.8
97	62.5	57.2	85.8

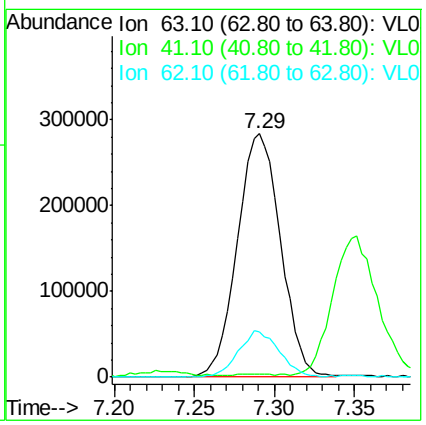


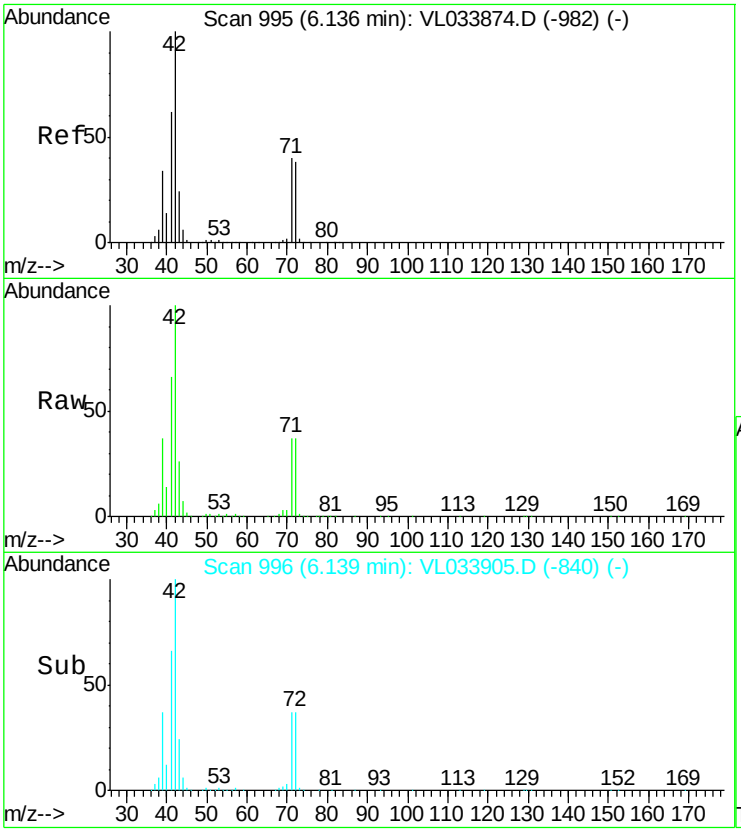


#39
1,2-Dichloropropane
Concen: 8.704 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.43 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 63 Resp: 520100

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	18.6	51.9	77.9#



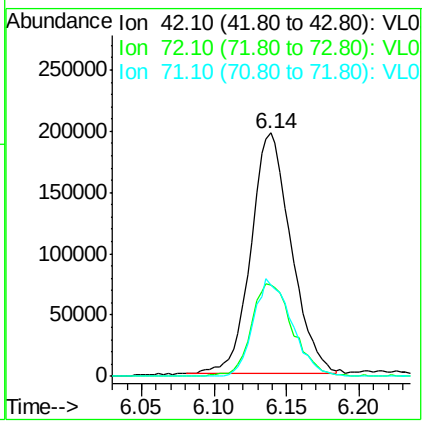


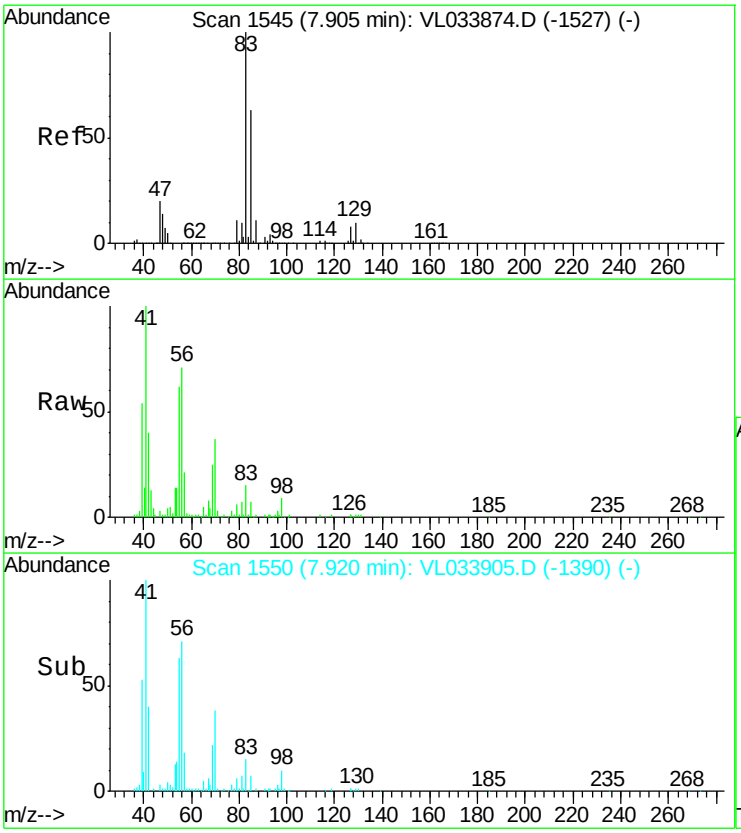
#41
Tetrahydrofuran
Concen: 6.564 ppbv
RT: 6.14 min Scan# 996
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 380941

Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.2	48.4
71	38.8	31.7	47.5

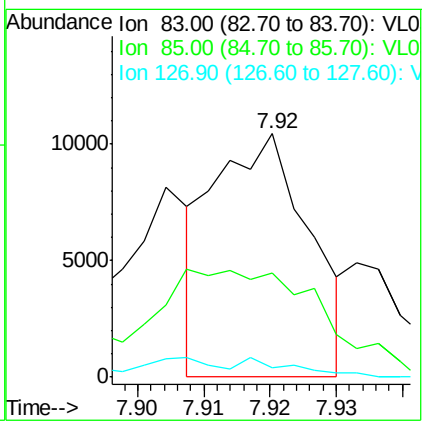


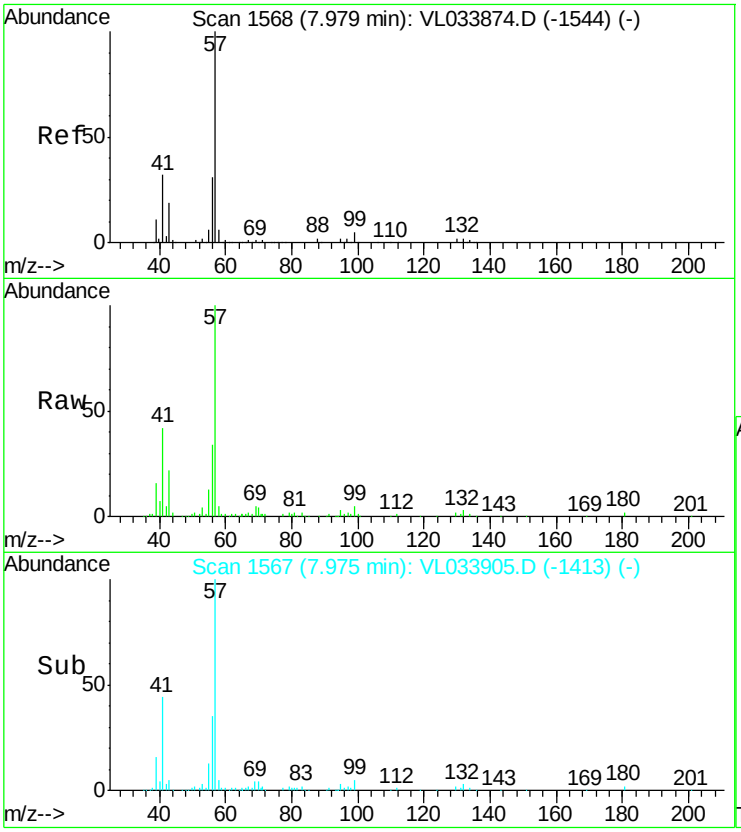


#42
Bromodichloromethane
Concen: 0.068 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. 0.02 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 83 Resp: 10458

Ion	Ratio	Lower	Upper
83	100		
85	42.5	50.2	75.2#
127	3.7	6.5	9.7#



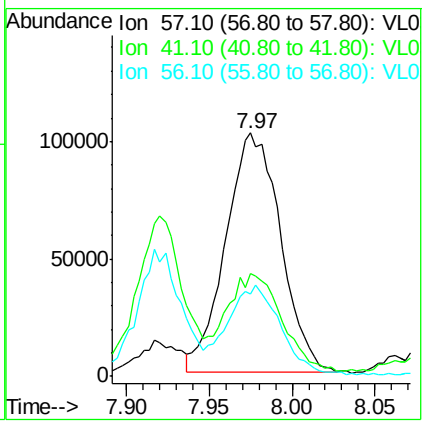


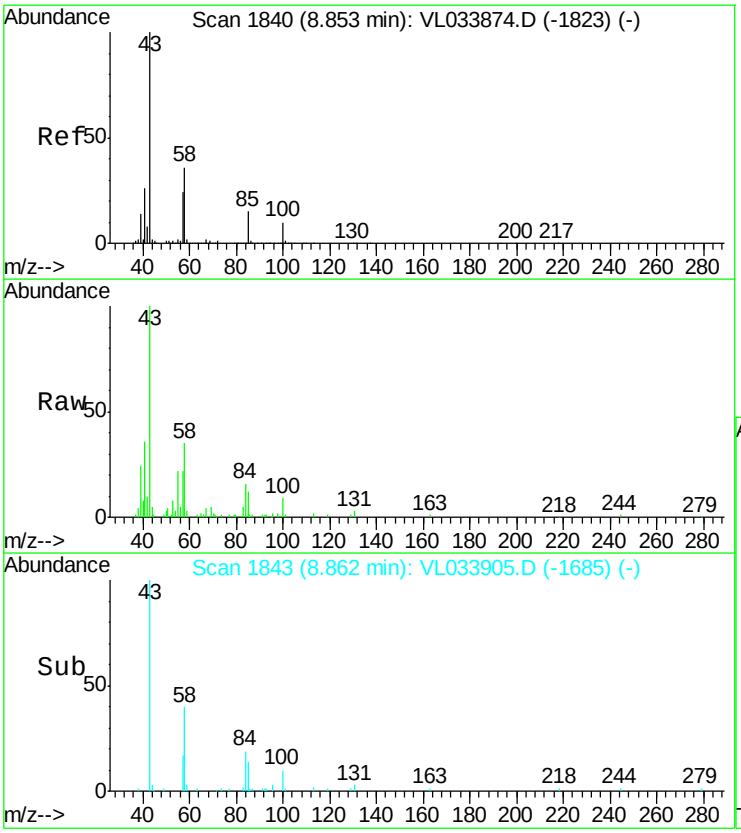
#44
2,2,4-Trimethylpentane
Concen: 0.855 ppbv
RT: 7.97 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 235342

Ion	Ratio	Lower	Upper
57	100		
41	43.5	26.1	39.1#
56	36.5	24.6	36.8

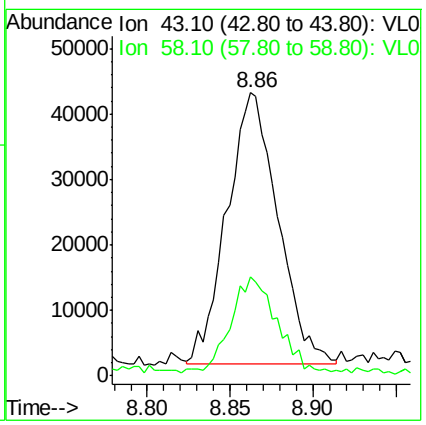


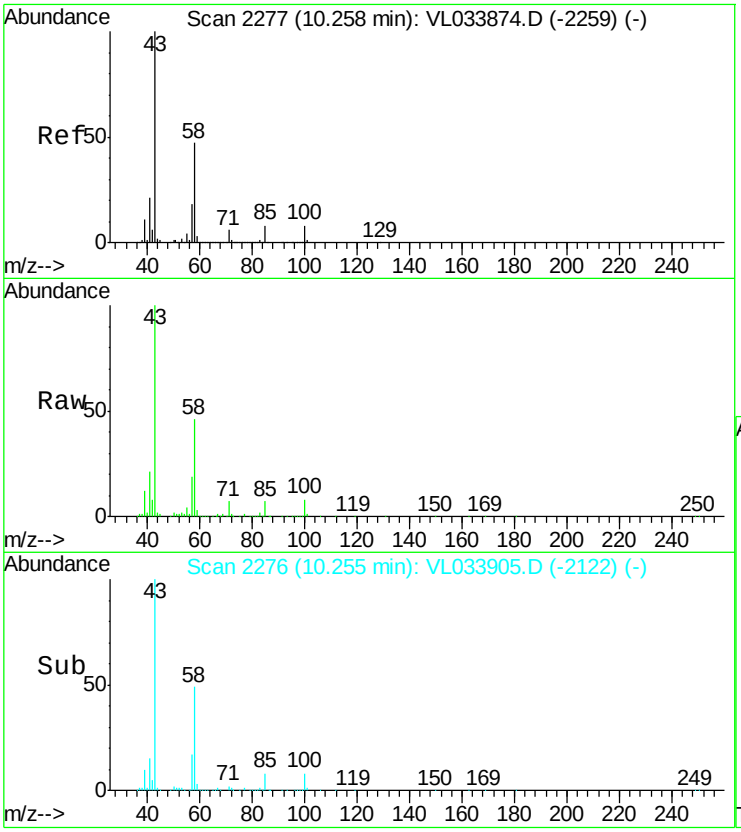


#50
4-Methyl-2-Pentanone
Concen: 0.519 ppbv
RT: 8.86 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 43 Resp: 88545

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.6	42.8



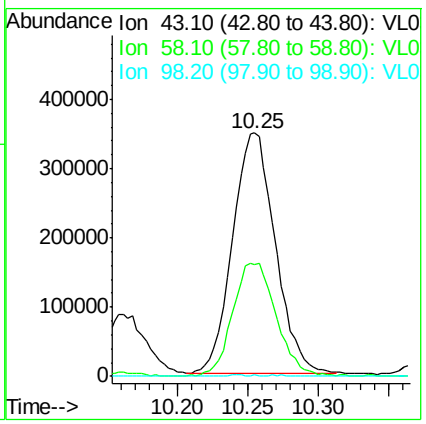


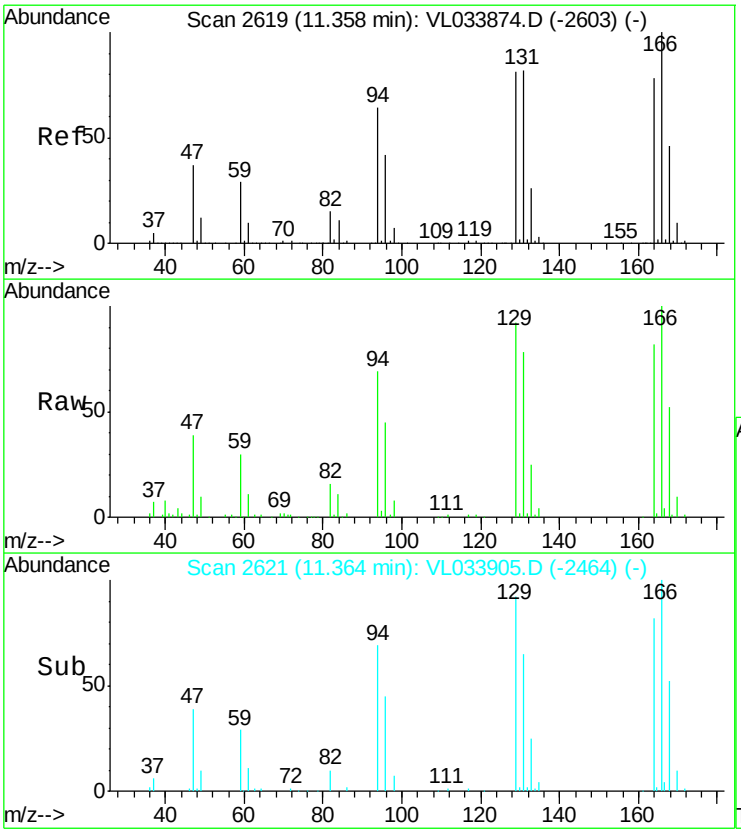
#51
2-Hexanone
Concen: 5.549 ppbv
RT: 10.25 min Scan# 2276
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 738805

Ion	Ratio	Lower	Upper
43	100		
58	48.2	38.2	57.4
98	0.4	0.2	0.2#

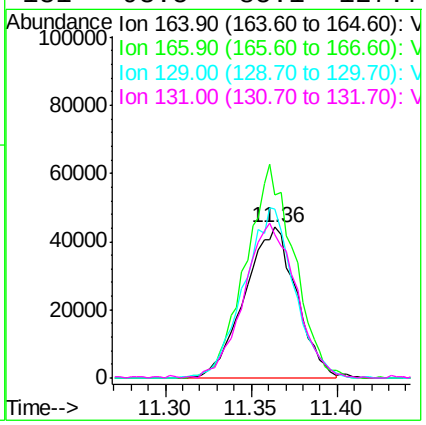


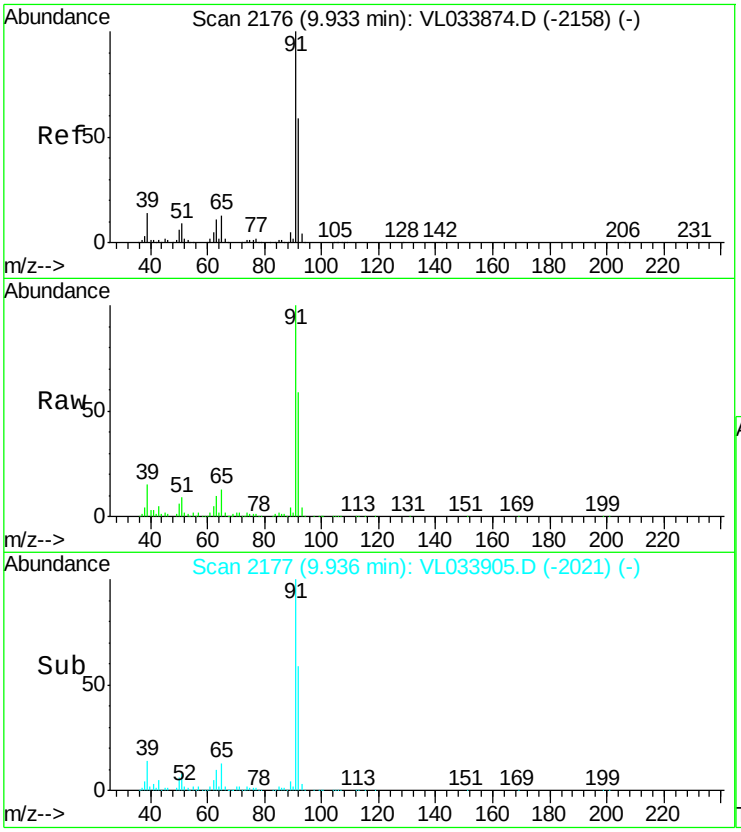


#52
Tetrachloroethene
Concen: 1.694 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. 0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:164 Resp: 92302

Ion	Ratio	Lower	Upper
164	100		
166	122.3	103.1	154.7
129	108.3	83.9	125.9
131	93.5	85.1	127.7



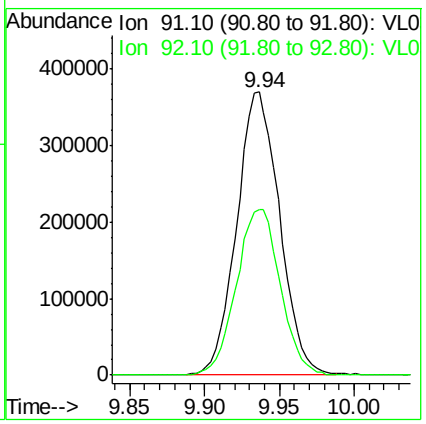


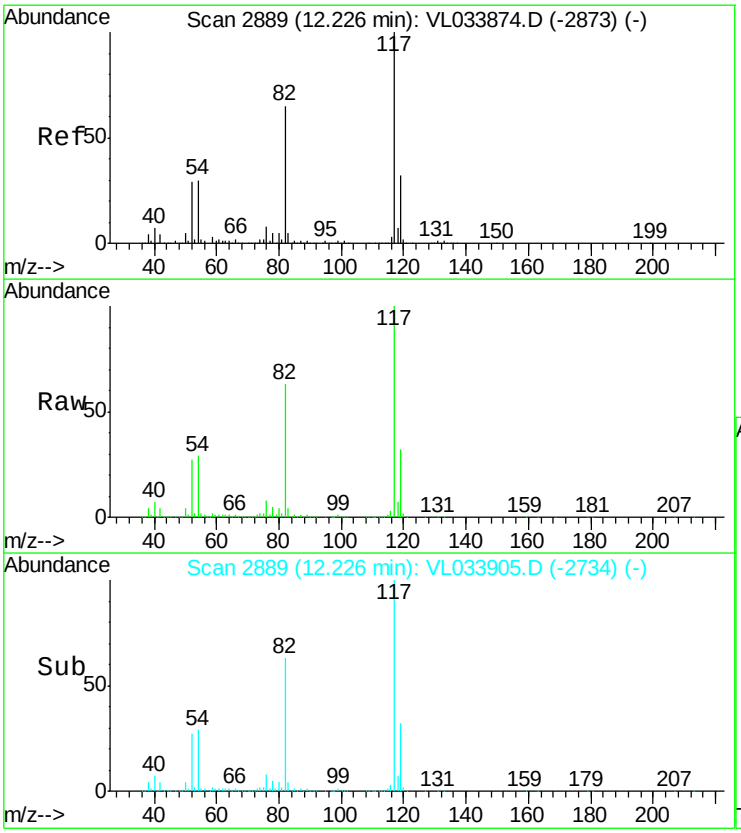
#53
Toluene
Concen: 4.311 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 738591

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.0	70.6

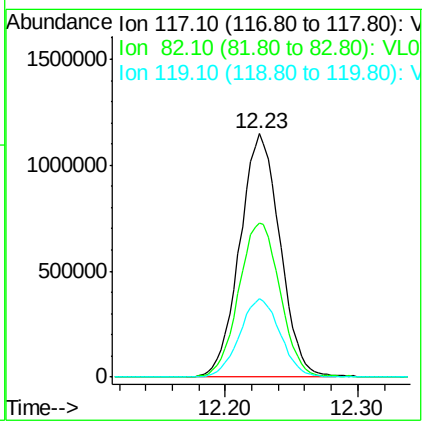


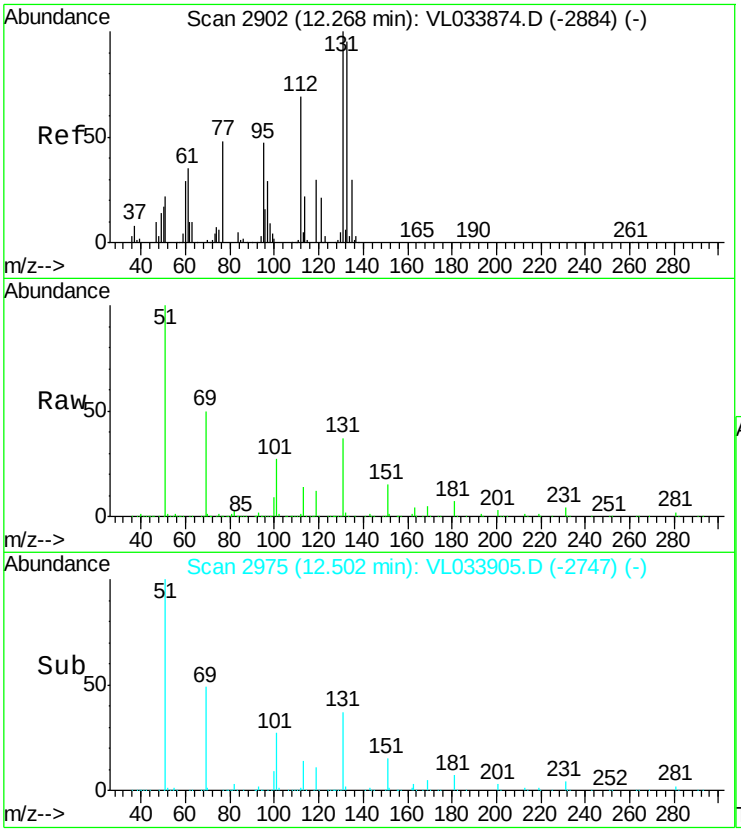


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:117 Resp: 2420760

Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.2	75.2
119	32.8	24.8	37.2



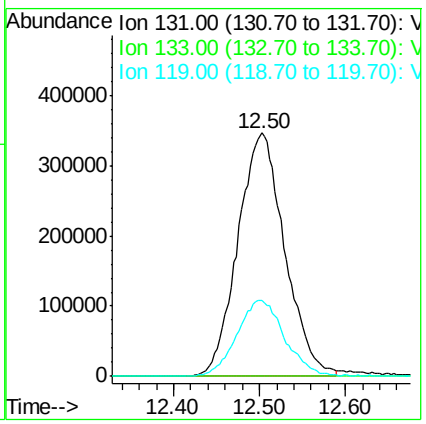


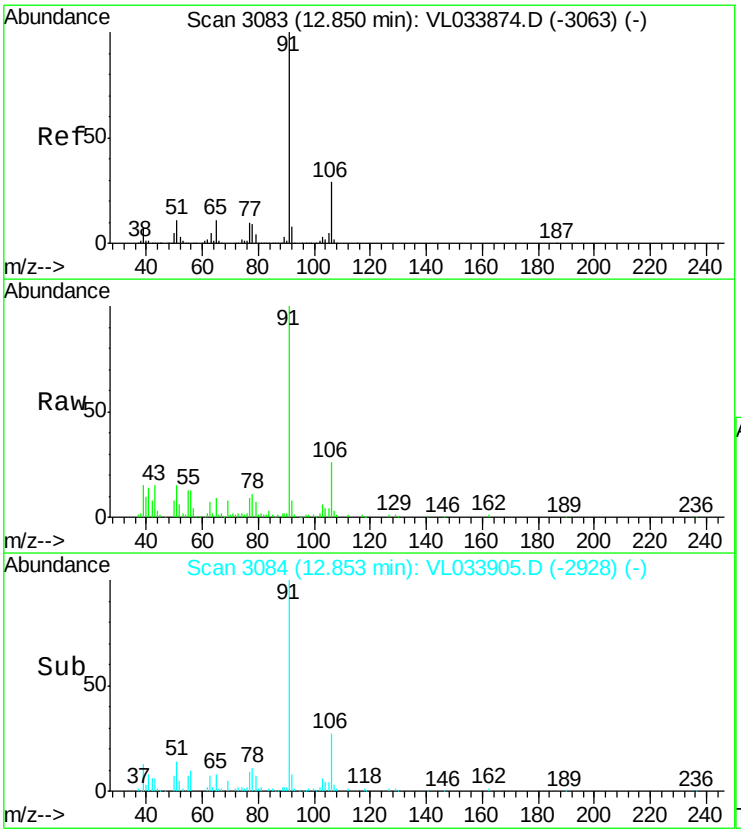
#56
1,1,1,2-Tetrachloroethane
Concen: 12.312 ppbv
RT: 12.50 min Scan# 2975
Delta R.T. 0.23 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:131 Resp: 1302029

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.5	114.7#
119	32.2	42.6	64.0#

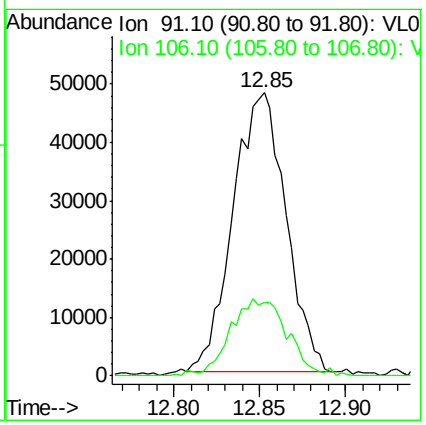


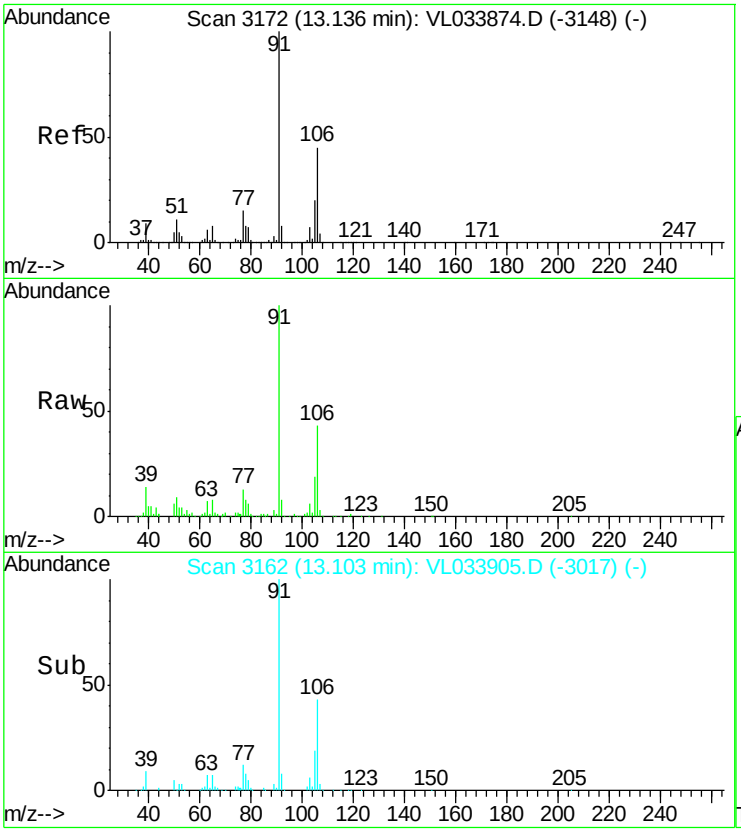


#58
Ethyl Benzene
Concen: 0.375 ppbv
RT: 12.85 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 91 Resp: 102305

Ion	Ratio	Lower	Upper
91	100		
106	26.5	23.0	34.6



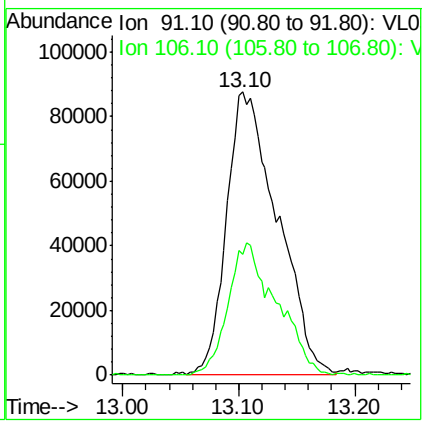


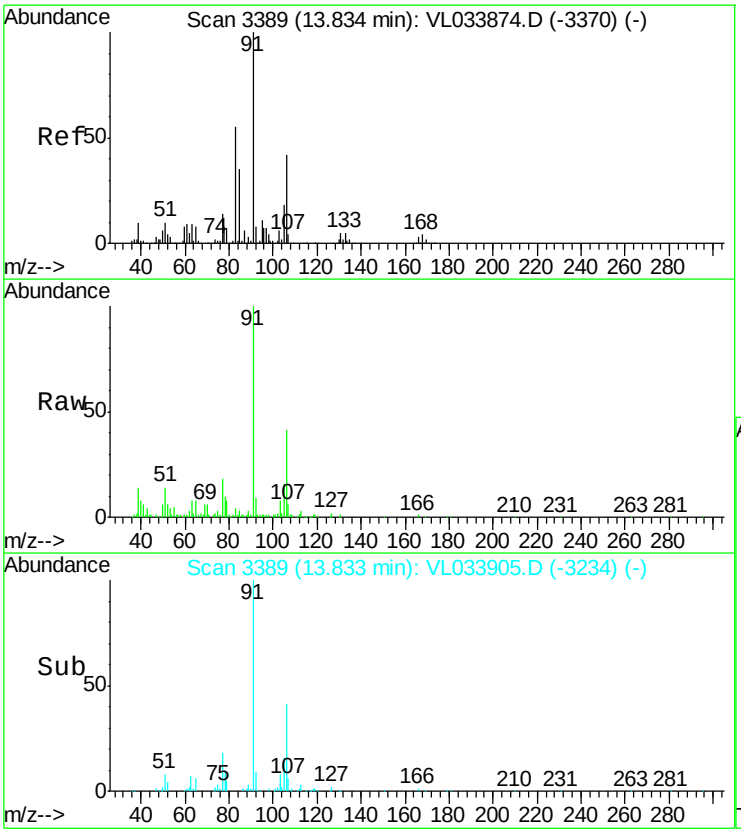
#59
m/p-Xylene
Concen: 1.075 ppbv
RT: 13.10 min Scan# 3162
Delta R.T. -0.03 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 266895

Ion	Ratio	Lower	Upper
91	100		
106	44.9	35.8	53.8

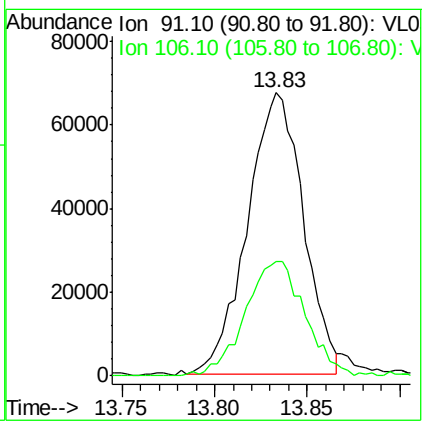


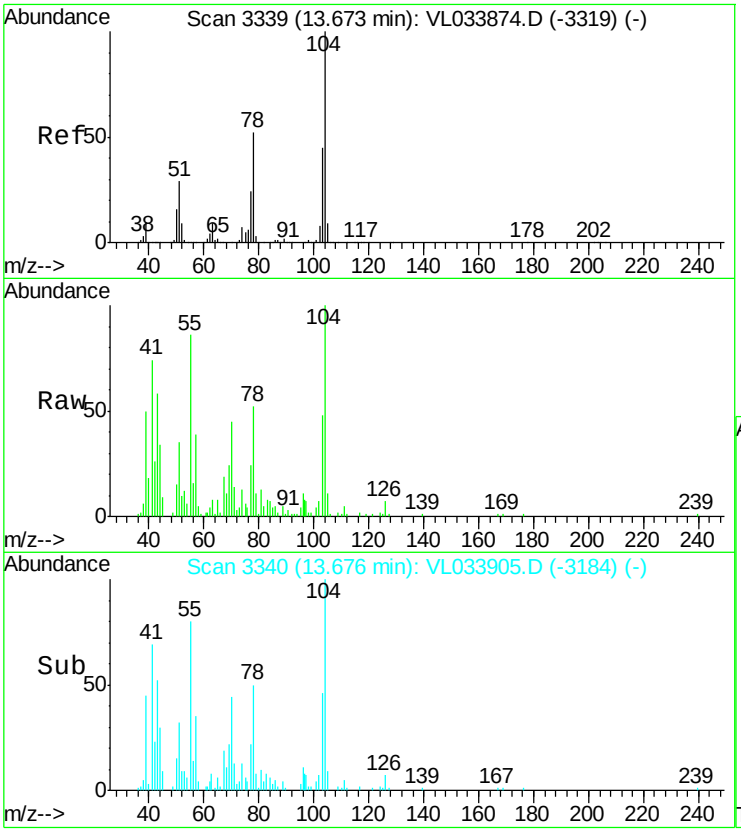


#60
o-Xylene
Concen: 0.550 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 91 Resp: 141022

Ion	Ratio	Lower	Upper
91	100		
106	44.1	21.7	65.1



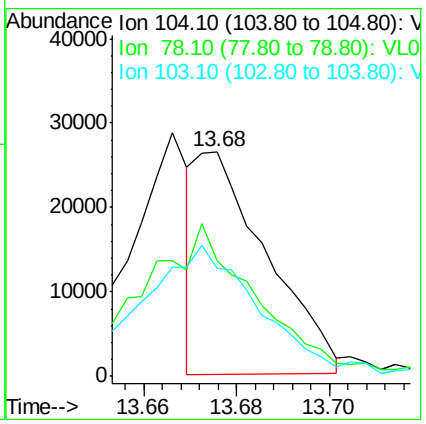


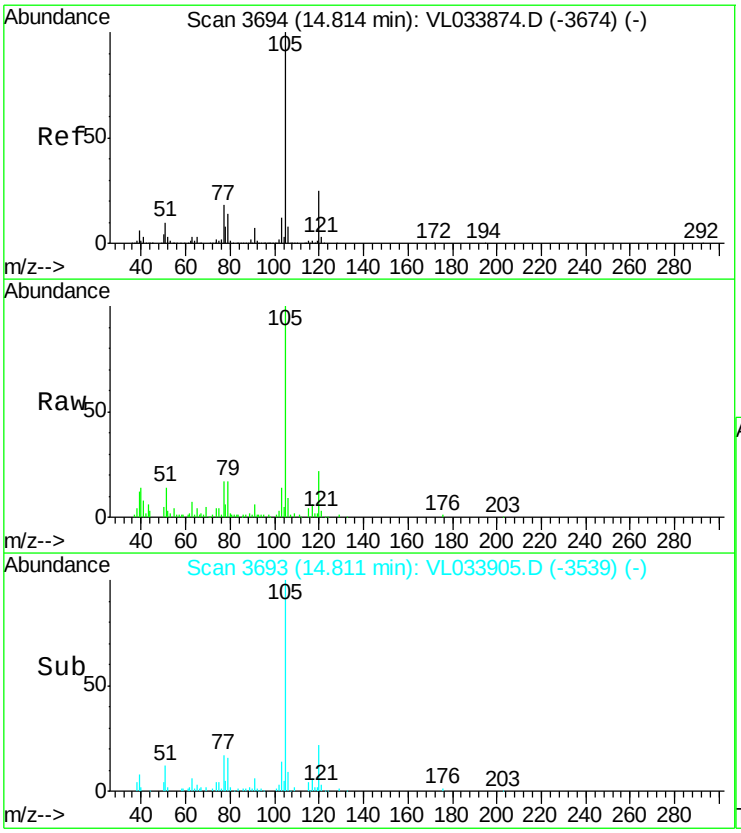
#61
Stvrene
Concen: 0.168 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 27899

Ion	Ratio	Lower	Upper
104	100		
78	121.2	43.4	65.0#
103	108.5	37.6	56.4#

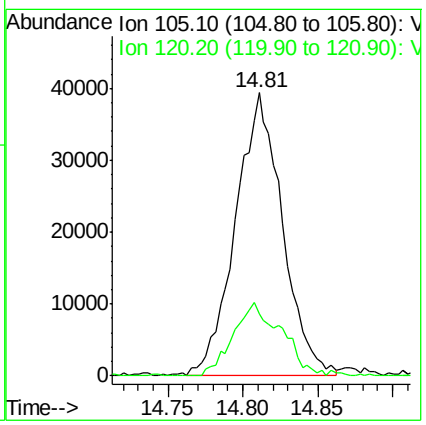


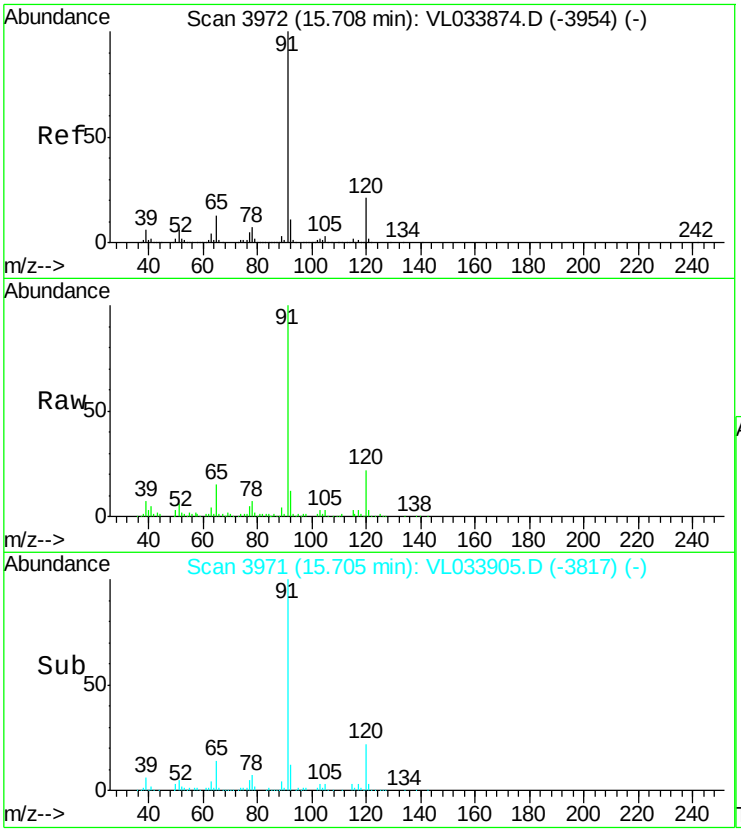


#62
Isopropylbenzene
Concen: 0.249 ppbv
RT: 14.81 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:105 Resp: 85993

Ion	Ratio	Lower	Upper
105	100		
120	27.0	20.3	30.5



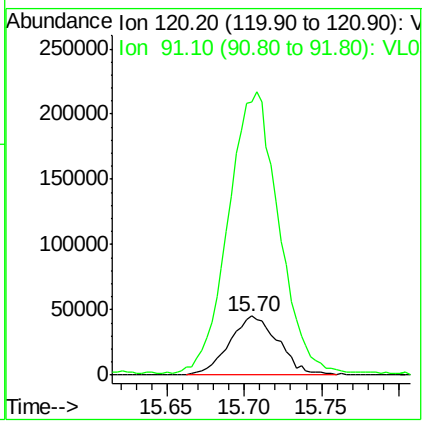


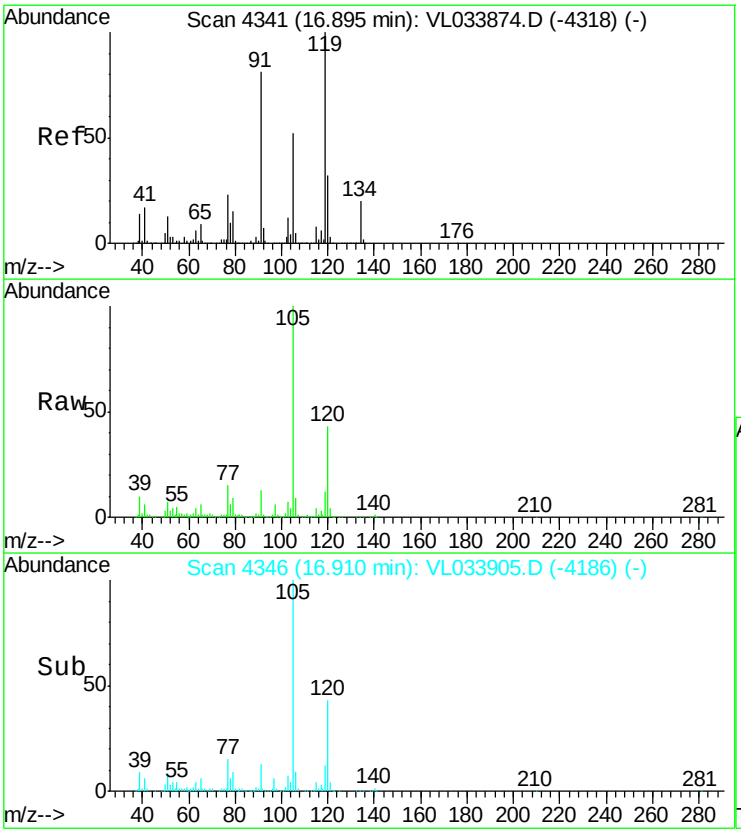
#64
n-propylbenzene
Concen: 1.133 ppbv
RT: 15.70 min Scan# 3971
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 100188

Ion	Ratio	Lower	Upper
120	100		
91	502.1	387.0	580.6

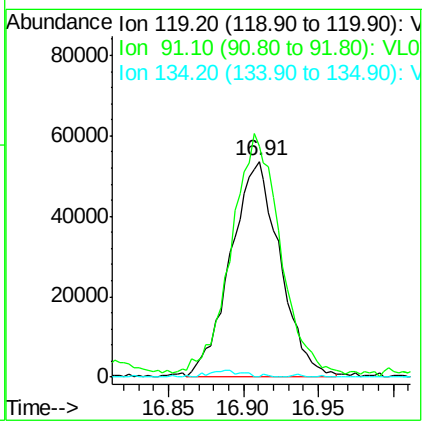


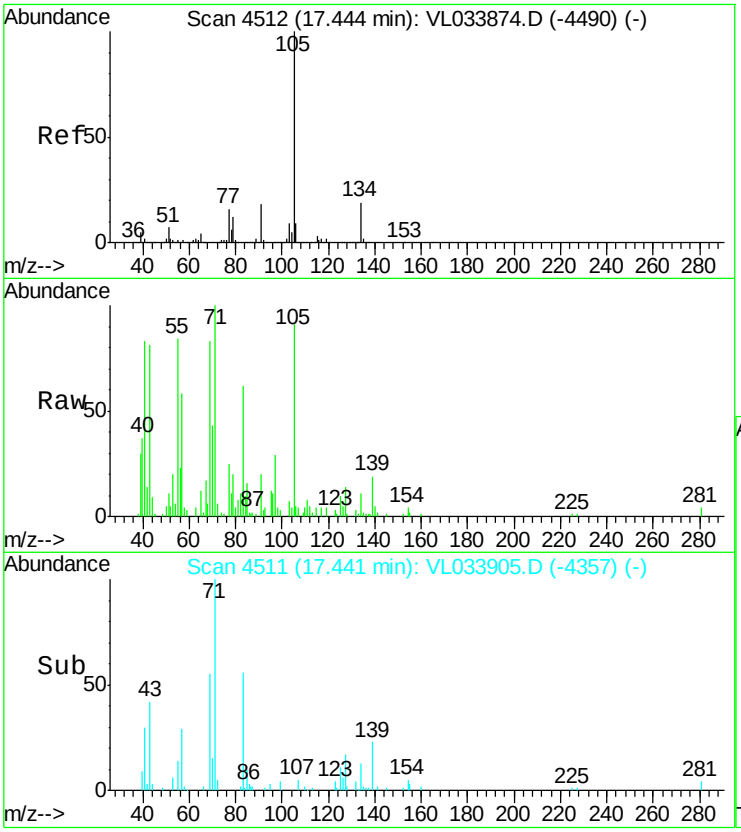


#65
tert-Butylbenzene
Concen: 0.386 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. 0.02 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:119 Resp: 123485

Ion	Ratio	Lower	Upper
119	100		
91	115.5	66.6	100.0#
134	2.6	15.5	23.3#



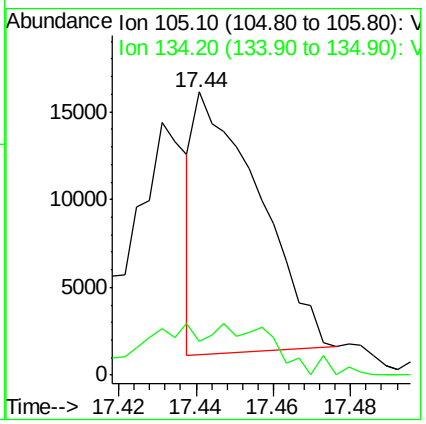


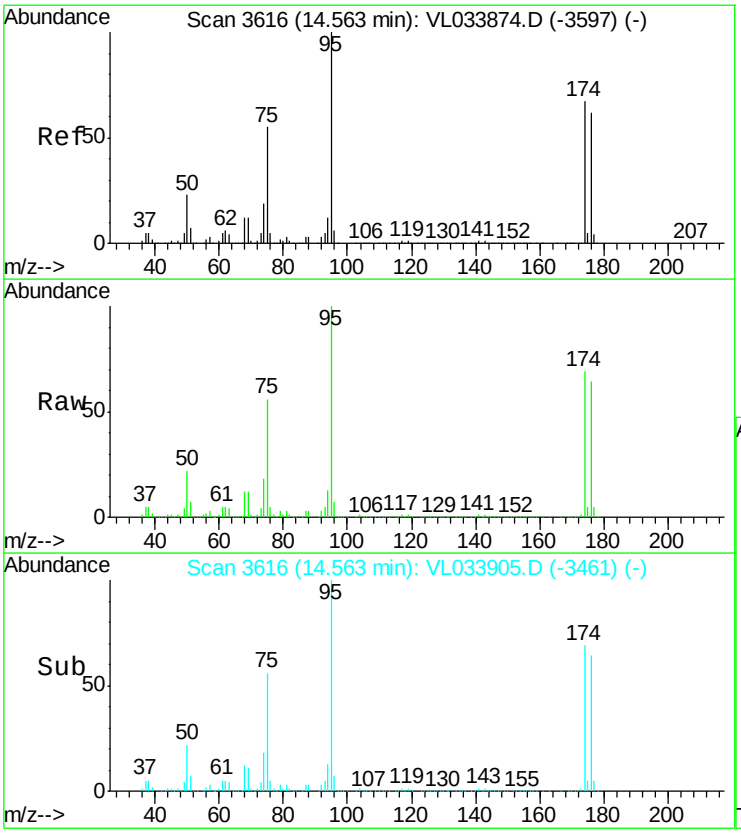
#67
sec-Butylbenzene
Concen: 0.038 ppbv
RT: 17.44 min Scan# 4511
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 17195

Ion	Ratio	Lower	Upper
105	100		
134	39.2	14.6	22.0#

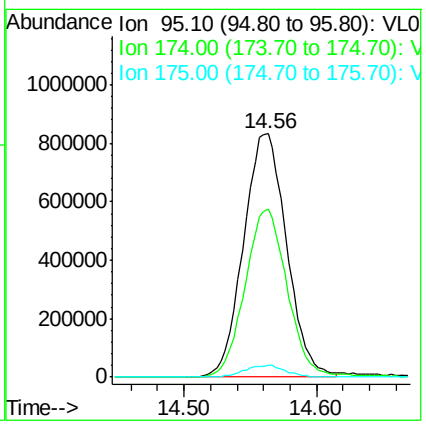


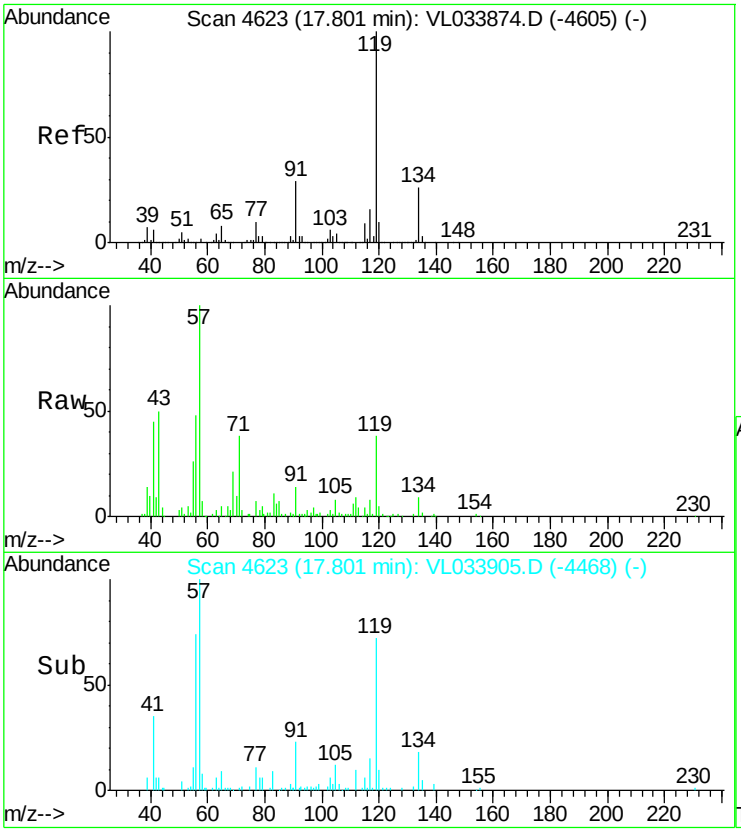


#68
1-Bromo-4-Fluorobenzene
Concen: 9.460 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 95 Resp: 1881033

Ion	Ratio	Lower	Upper
95	100		
174	68.4	54.0	81.0
175	4.8	3.8	5.8



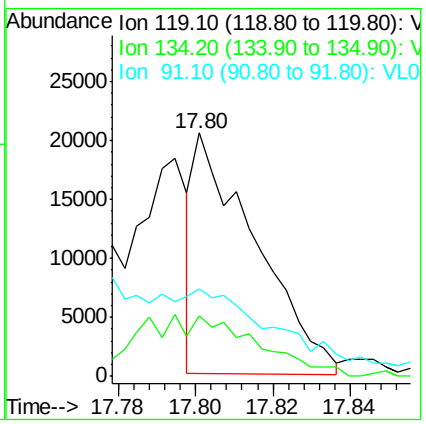


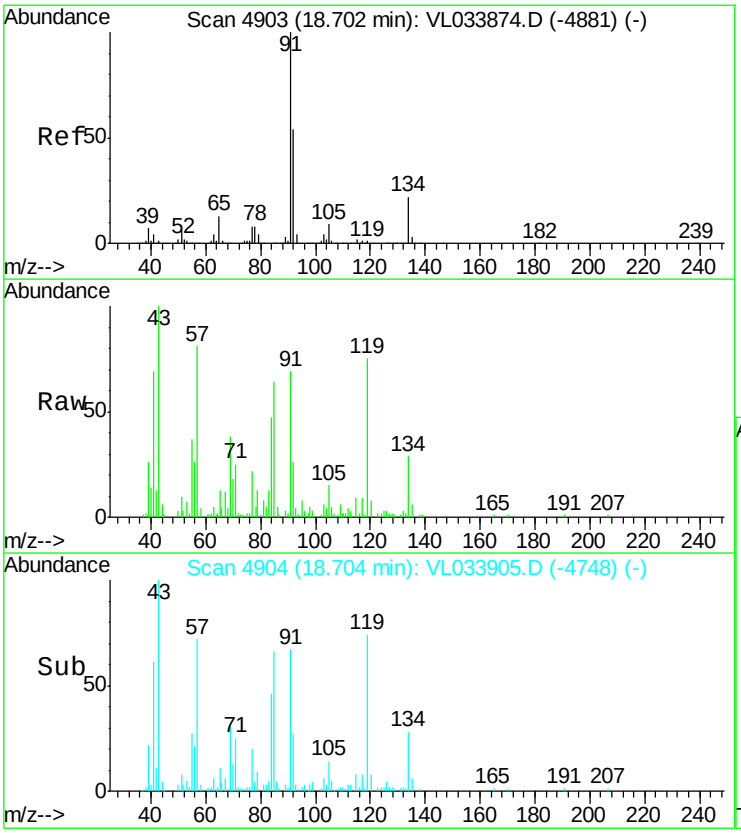
#69
p-Isopropyltoluene
Concen: 0.060 ppbv
RT: 17.80 min Scan# 4623
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 22397

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	23.8	35.6#

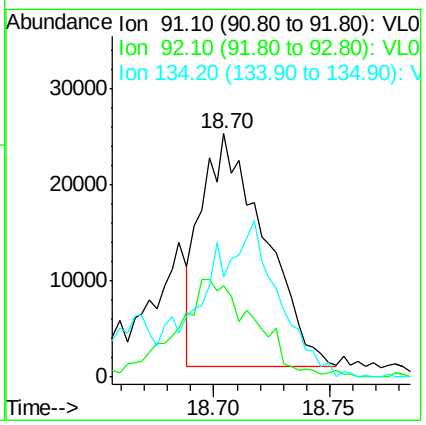


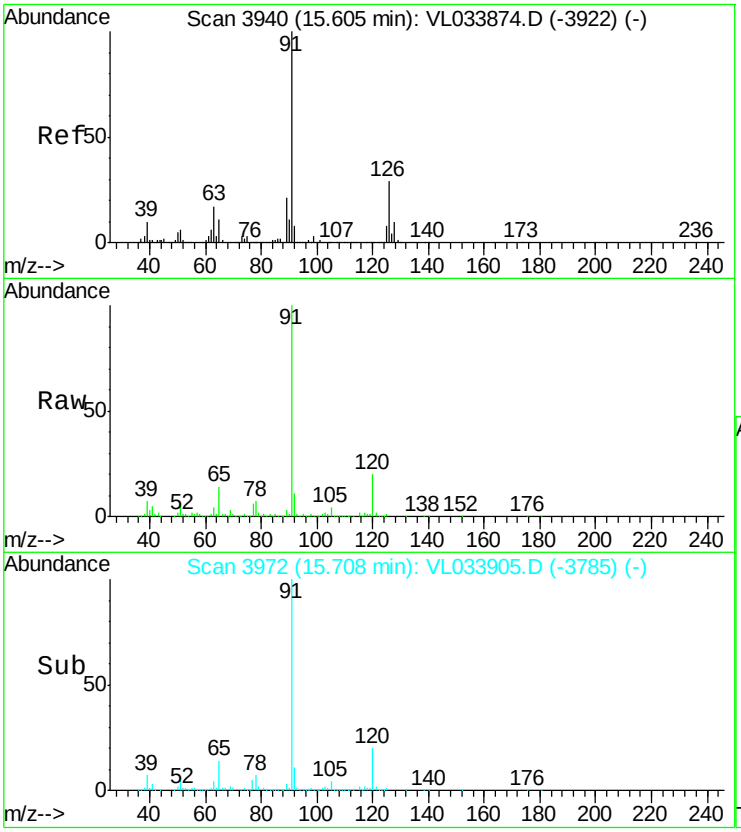


#70
n-Butylbenzene
Concen: 0.112 ppbv
RT: 18.70 min Scan# 4904
Delta R.T. 0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion: 91 Resp: 45820

Ion	Ratio	Lower	Upper
91	100		
92	55.7	42.5	63.7
134	98.5	17.8	26.6#



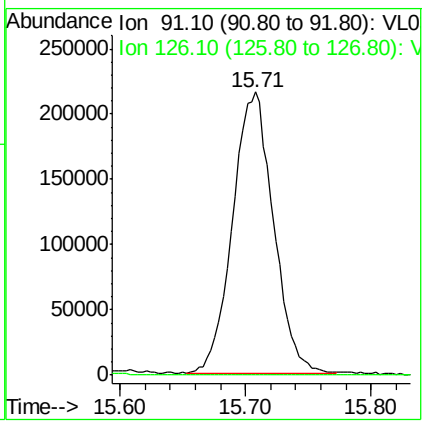


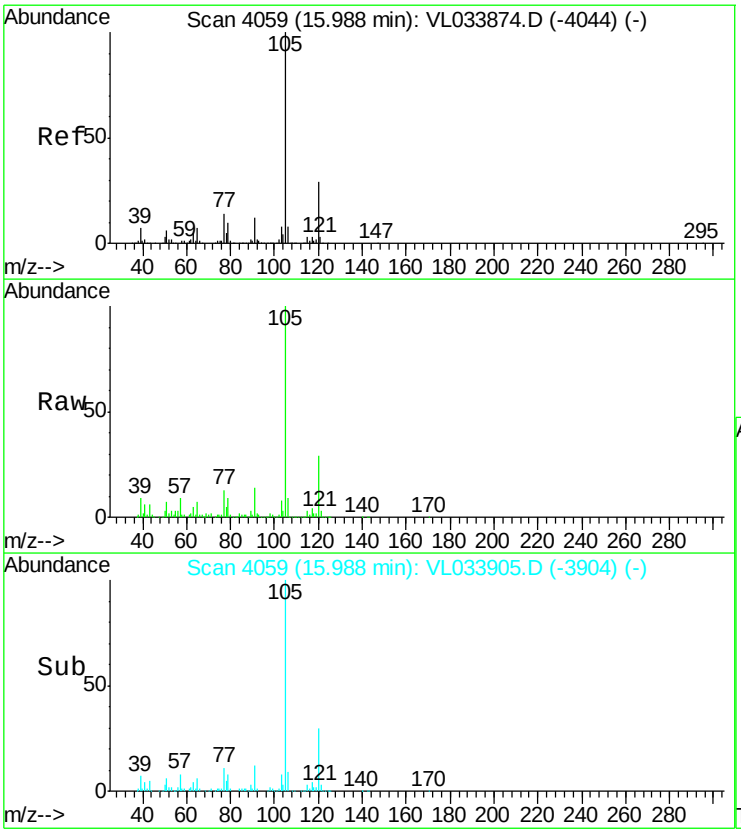
#71
2-Chlorotoluene
Concen: 1.909 ppbv
RT: 15.71 min Scan# 3972
Delta R.T. 0.10 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 485670

Ion	Ratio	Lower	Upper
91	100		
126	0.1	12.0	48.2#

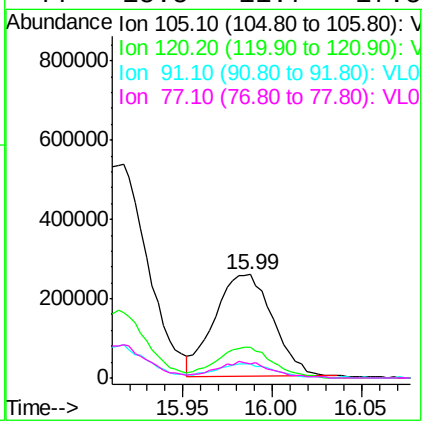


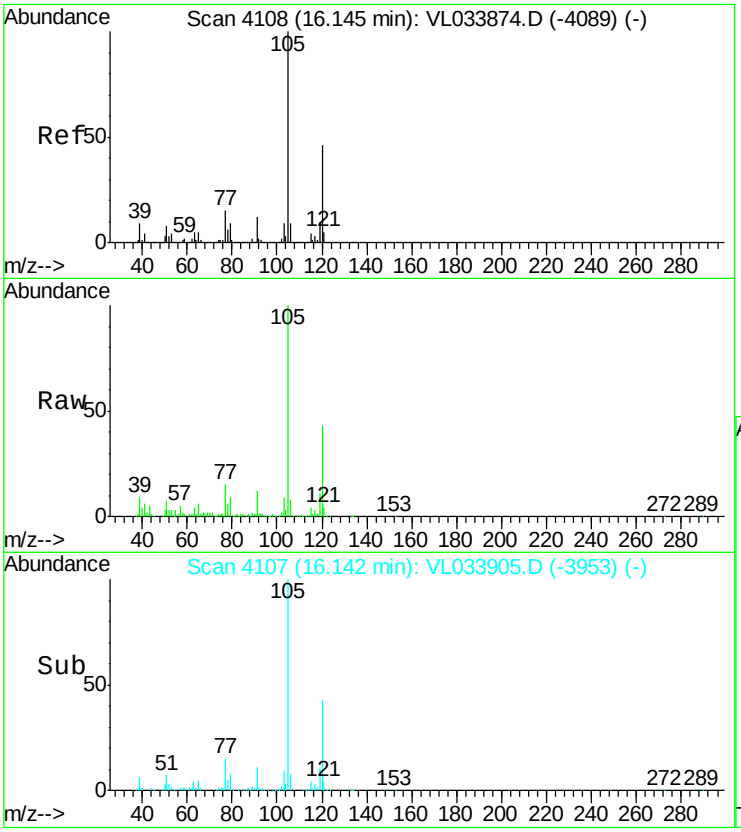


#72
4-Ethyltoluene
Concen: 2.001 ppbv
RT: 15.99 min Scan# 4059
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:105 Resp: 583375

Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.5	35.3
91	15.5	10.4	15.6
77	15.5	11.7	17.5



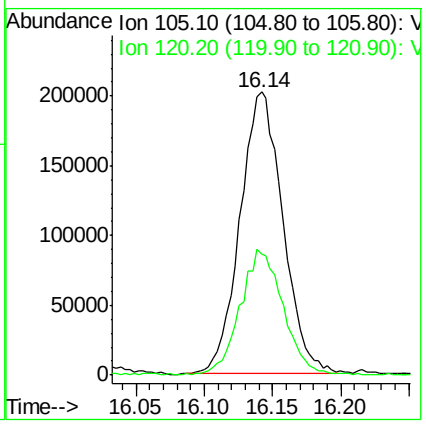


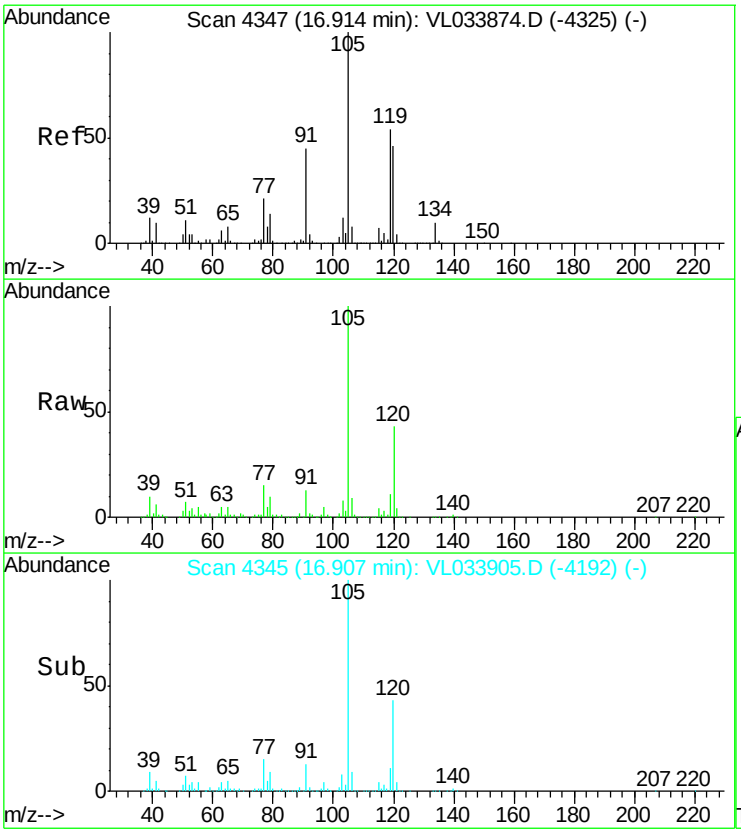
#73
1,3,5-Trimethylbenzene
Concen: 1.532 ppbv
RT: 16.14 min Scan# 4107
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 440074

Ion	Ratio	Lower	Upper
105	100		
120	42.4	37.1	55.7

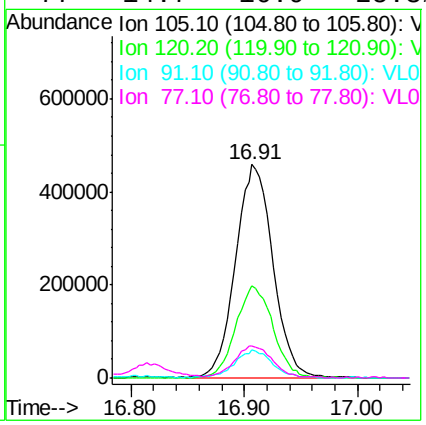


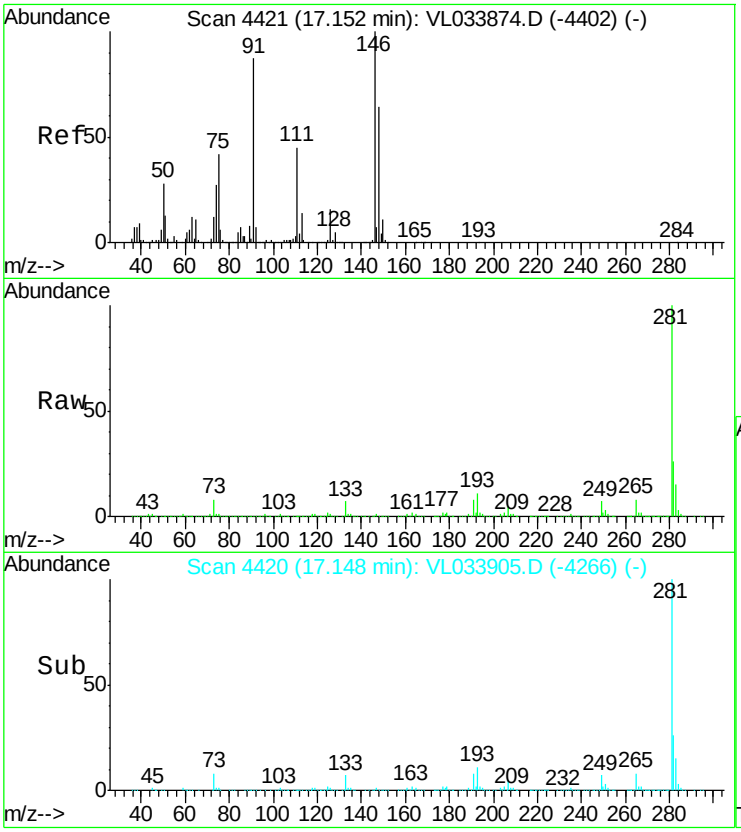


#74
1,2,4-Trimethylbenzene
Concen: 3.164 ppbv
RT: 16.91 min Scan# 4345
Delta R.T. -0.01 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:105 Resp: 1047478

Ion	Ratio	Lower	Upper
105	100		
120	43.6	36.7	55.1
91	12.9	35.8	53.8#
77	14.7	16.9	25.3#



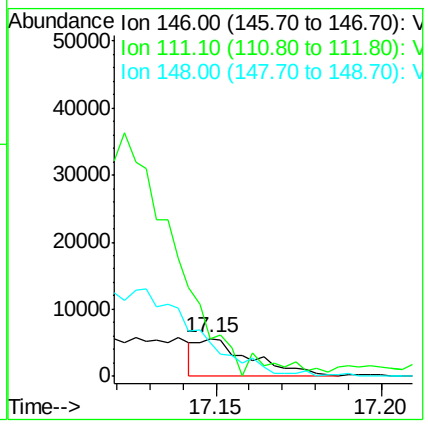


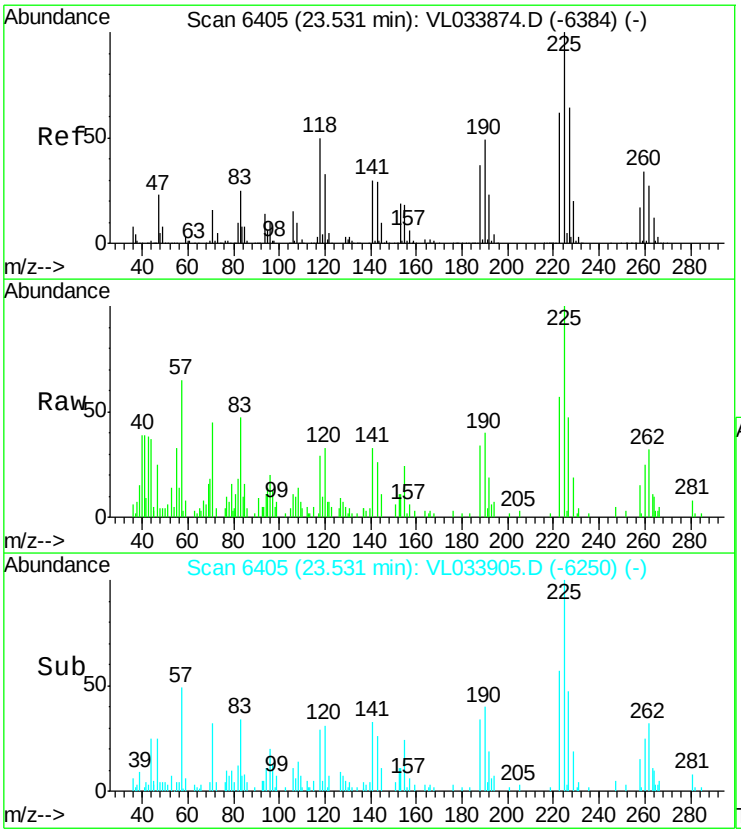
#75
1,3-Dichlorobenzene
Concen: 0.031 ppbv
RT: 17.15 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 6469

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.3#
148	0.0	32.2	96.6#

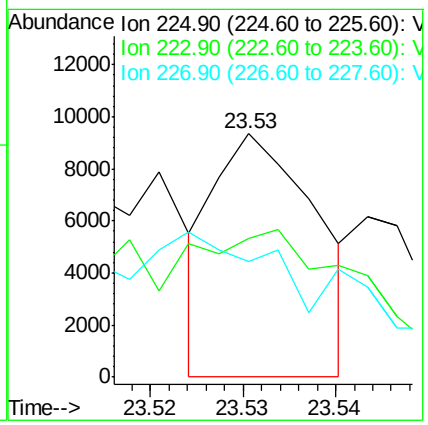


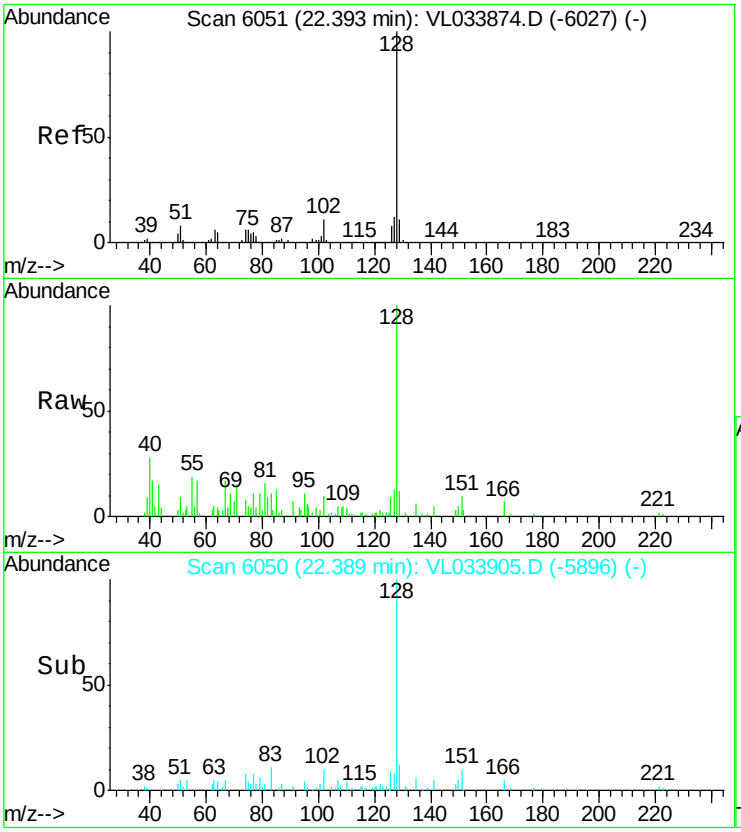


#78
Hexachloro-1,3-Butadiene
Concen: 0.048 ppbv
RT: 23.53 min Scan# 6405
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:225 Resp: 7184

Ion	Ratio	Lower	Upper
225	100		
223	181.7	50.8	76.2#
227	0.0	51.8	77.6#



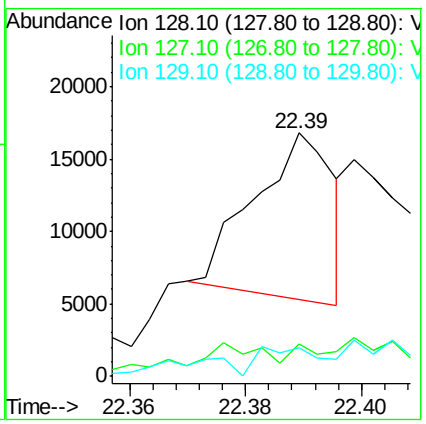


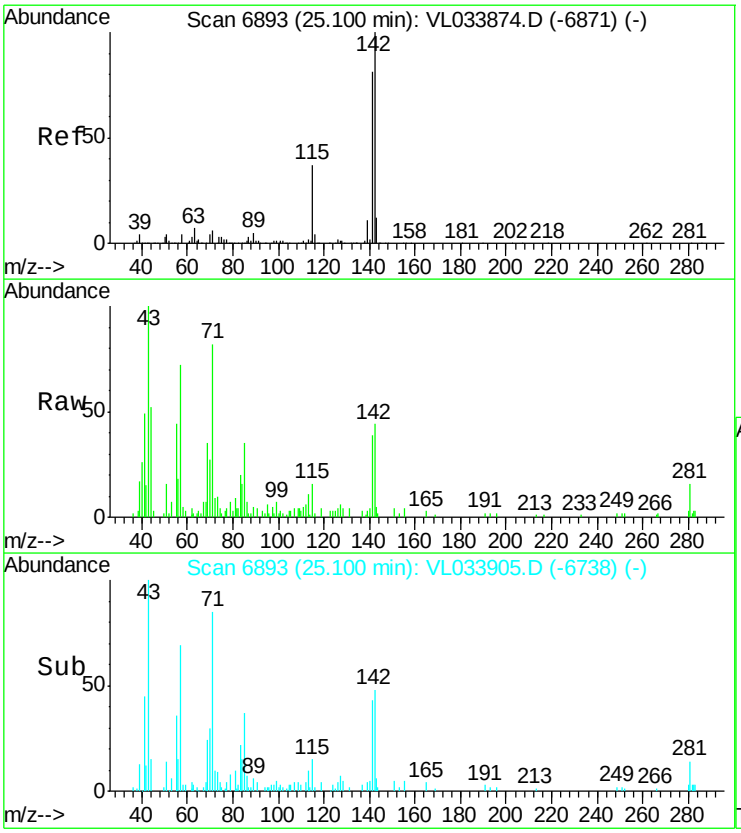
#79
Naphthalene
Concen: 0.040 ppbv
RT: 22.39 min Scan# 6050
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 10682

Ion	Ratio	Lower	Upper
128	100		
127	15.4	9.7	14.5#
129	9.2	8.6	12.8





#80
Naphthalene,2-methyl-
Concen: 0.110 ppbv
RT: 25.10 min Scan# 6893
Delta R.T. -0.00 min
Lab File: VL033905.D
Acq: 13 Jun 2019 20:06

Tgt Ion:142 Resp: 11641

Ion	Ratio	Lower	Upper
142	100		
141	87.8	65.7	98.5
115	50.1	28.9	43.3#