Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032446.D
Acq On : 31 Aug 2018 18:25
Operator : SY/AP
Sample : J4717-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-08

Quant Time: Sep 01 02:02:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.81	49	1962937	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.34	114	3946453	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.30	117	3749653	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.63	95	2859017	10.27	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	366063	1.458	ppbv		98
3) Chlorodifluoromethane	3.04	51	83127	0.468	ppbv	#	92
4) Chloromethane	3.20	50	34129	0.317	ppbv		89
8) Dichlorotetrafluoroethane	3.11	85	366063	1.643	ppbv	#	20
9) Propene	3.06	41	4003651	55.857	ppbv		98
10) Heptane	8.30	43	546110	2.124	ppbv		100
11) Trichlorofluoromethane	4.04	101	7268282	32.103	ppbv		97
13) Ethanol	3.69	45	2173212	97.268	ppbv		96
15) Acetone	3.94	43	15162844	85.779	ppbv	#	80
16) 1,3-Butadiene	3.38	39	3458019	41.573	ppbv	#	22
17) tert-Butyl alcohol	4.40	59	1865621	68.582	ppbv	#	100
19) Isopropyl Alcohol	4.07	45	424923	3.664	ppbv	#	93
20) Methylene Chloride	4.45	84	507938	7.536	ppbv		97
21) Allyl Chloride	4.50	41	119407	1.017	ppbv	#	1
23) Vinyl Acetate	5.19	43	561308	1.916	ppbv	#	67
24) 1,1-Dichloroethane	5.17	63	15422	0.064	ppbv	#	89
25) Ethyl Acetate	5.83	43	1082931	2.594	ppbv	#	82
26) Hexane	5.82	57	1359963	7.276	ppbv	#	43
27) Carbon Disulfide	4.66	76	1083479	6.279	ppbv		100
28) Methyl tert-Butyl Ether	5.16	73	14818	0.065	ppbv	#	51
29) Chloroform	5.90	83	83858	0.294	ppbv		91
30) Cyclohexane	7.30	84	77293	0.565	ppbv	#	81
34) 2-Butanone	5.37	43	4843747	18.478	ppbv		99
36) Benzene	7.06	78	1313153	3.910	ppbv		99
39) 1,2-Dichloropropane	7.35	63	1069752	7.445	ppbv	#	25
41) Tetrahydrofuran	6.20	42	321226	2.251	ppbv		94
42) Bromodichloromethane	7.97	83	11524	0.041	ppbv	#	38
43) Methyl Methacrylate	8.19	69	13207	0.093	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.04	57	339978	0.524	ppbv	#	70
50) 4-Methyl-2-Pentanone	8.92	43	789591	2.000	ppbv		96
51) 2-Hexanone	10.31	43	1395174	5.485	ppbv	#	99
52) Tetrachloroethene	11.43	164	74880	0.719	ppbv	#	82
53) Toluene	10.00	91	4834917	13.773	ppbv		98
57) Chlorobenzene	12.39	112	13998	0.047	ppbv	#	27
58) Ethyl Benzene	12.92	91	1639029	3.653	ppbv		99
59) m/p-Xylene	13.18	91	4740497	11.850	ppbv		98
60) o-Xylene	13.90	91	1484631	3.778	ppbv		98
61) Styrene	13.74	104	92468	0.363	ppbv		91
62) Isopropylbenzene	14.88	105	121788	0.220	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.89	83	60684	0.173	ppbv	#	25
64) n-propylbenzene	15.78	120	151948	1.052	ppbv		76

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032446.D
Acq On : 31 Aug 2018 18:25
Operator : SY/AP
Sample : J4717-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-08

Quant Time: Sep 01 02:02:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	16.99	119	202644	0.426	ppbv	#	73
69) p-Isopropyltoluene	17.87	119	30169	0.054	ppbv	#	33
72) 4-Ethyltoluene	16.06	105	911634	2.125	ppbv	#	98
73) 1,3,5-Trimethylbenzene	16.21	105	467112	1.087	ppbv		91
74) 1,2,4-Trimethylbenzene	16.99	105	1849109	3.935	ppbv	#	69
79) Naphthalene	22.50	128	201938	0.528	ppbv		97
80) Naphthalene,2-methyl-	24.86	142	5177	0.051	ppbv		87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032446.D
Acq On : 31 Aug 2018 18:25
Operator : SY/AP
Sample : J4717-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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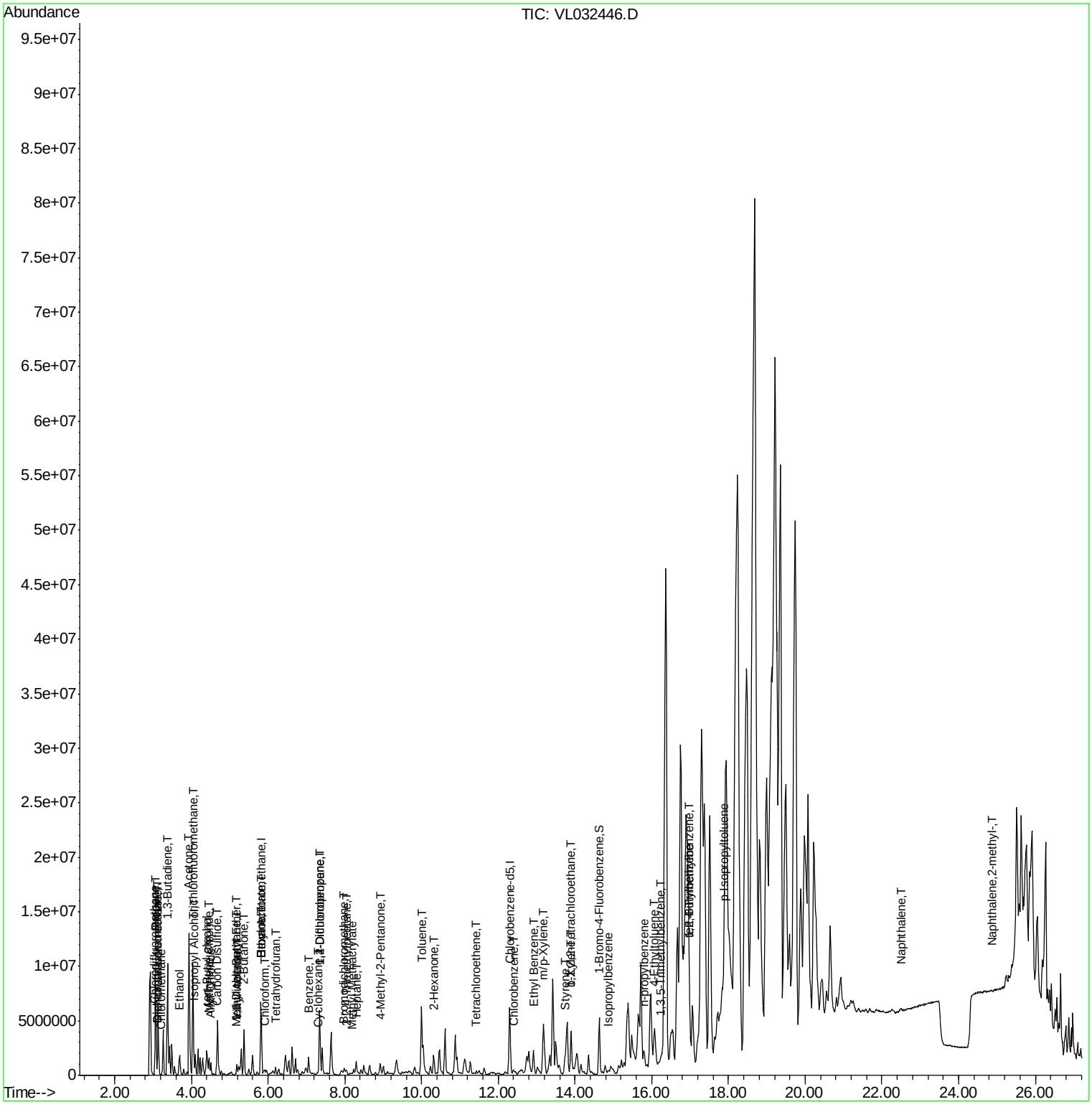
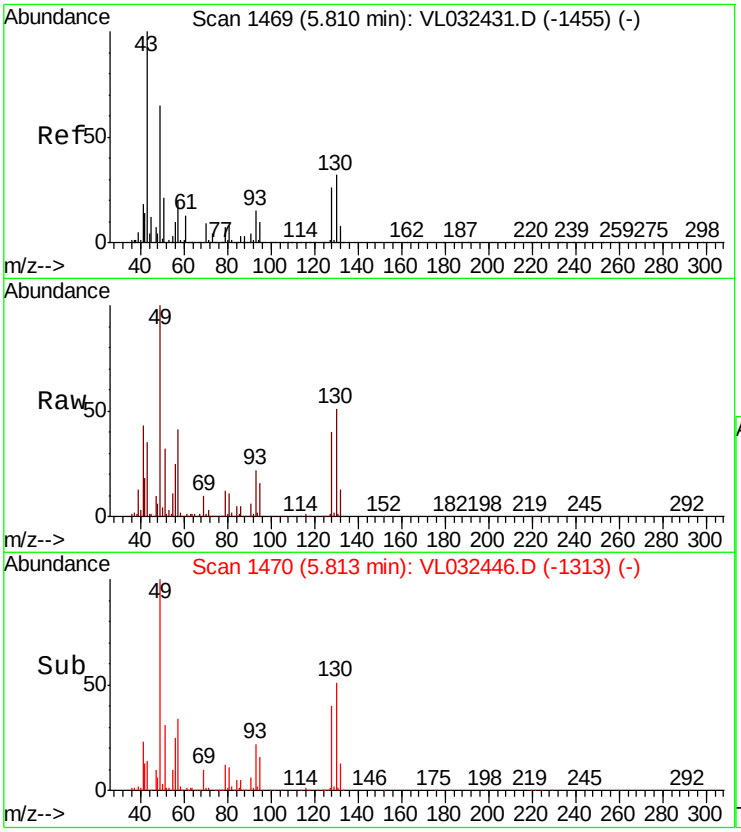
Quant Time: Sep 01 02:02:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration



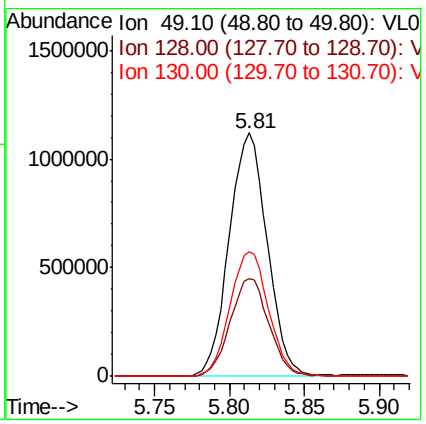


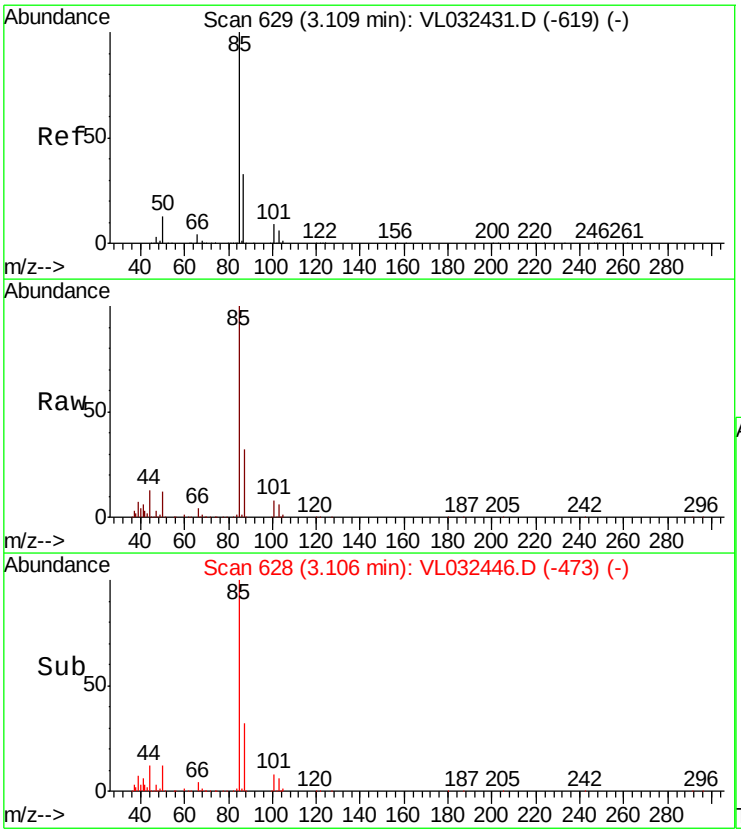
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.81 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument :
MSVOA_L
ClientSampleId :
VP-08

Tgt Ion: 49 Resp: 1962937

Ion	Ratio	Lower	Upper
49	100		
128	41.7	20.7	62.1
130	52.6	26.6	79.7

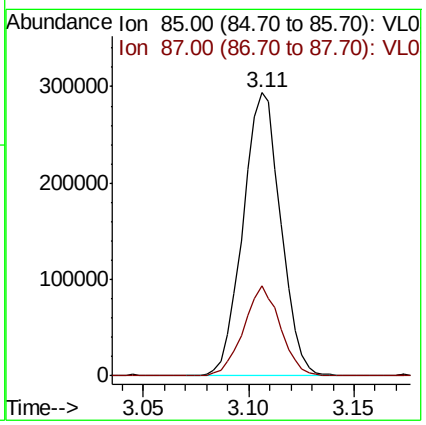


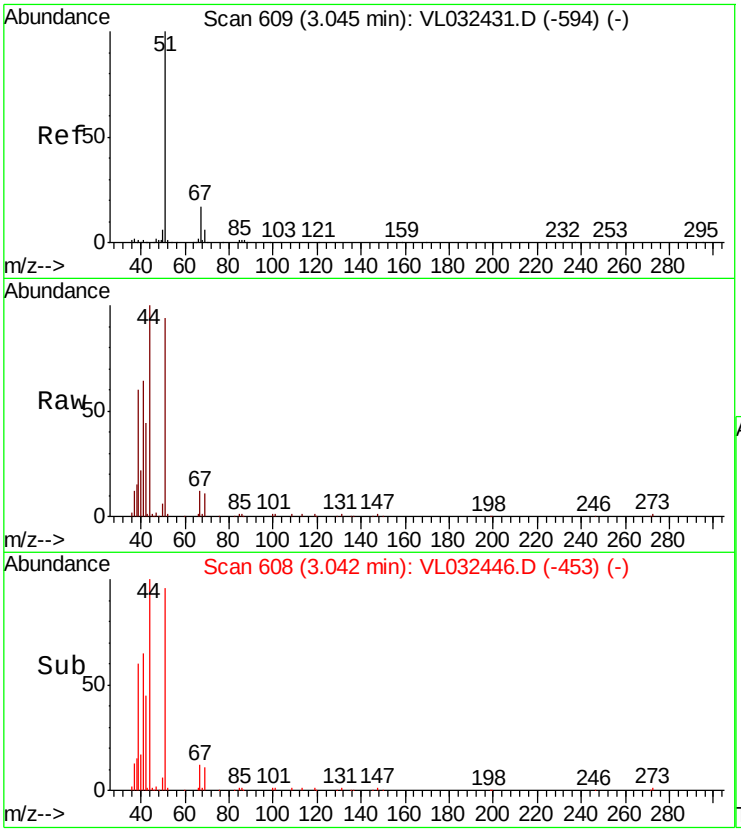


#2
Dichlorodifluoromethane
Concen: 1.458 ppbv
RT: 3.11 min Scan# 628
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 85 Resp: 366063

Ion	Ratio	Lower	Upper
85	100		
87	31.7	26.2	39.4



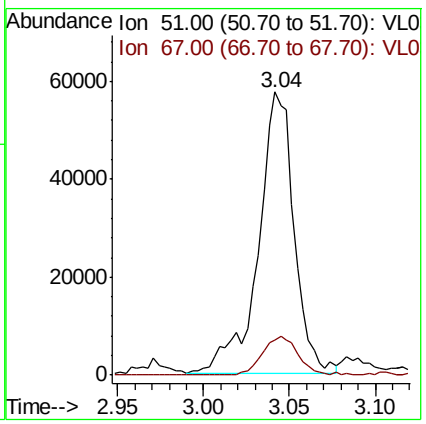


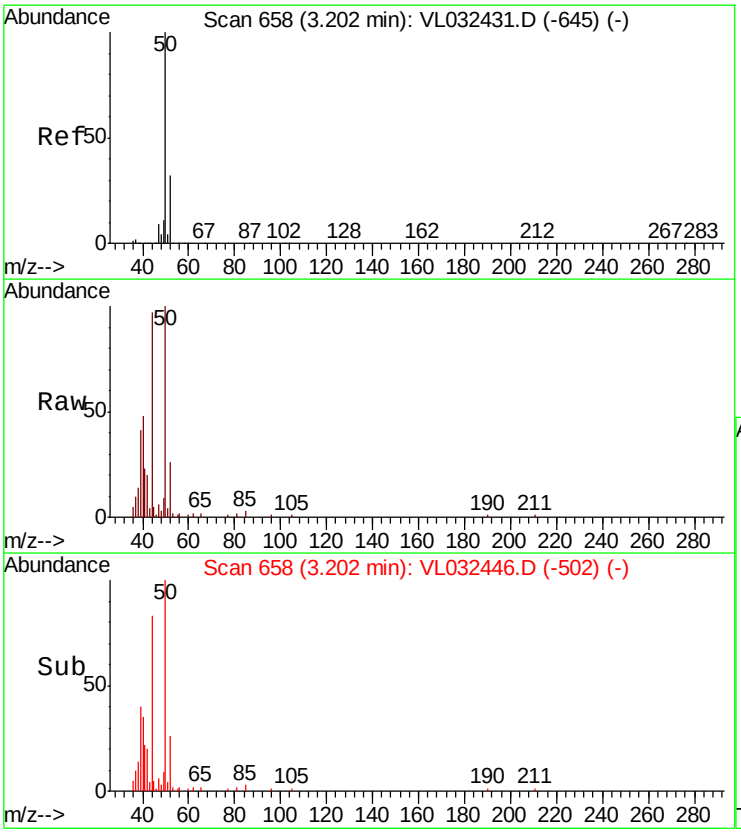
#3
Chlorodifluoromethane
Concen: 0.468 ppbv
RT: 3.04 min Scan# 608
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 51 Resp: 83127

Ion	Ratio	Lower	Upper
51	100		
67	13.8	13.8	20.8#

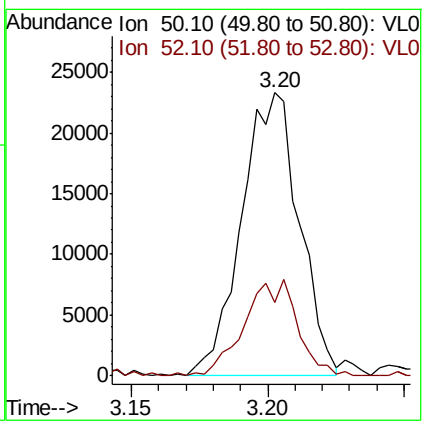


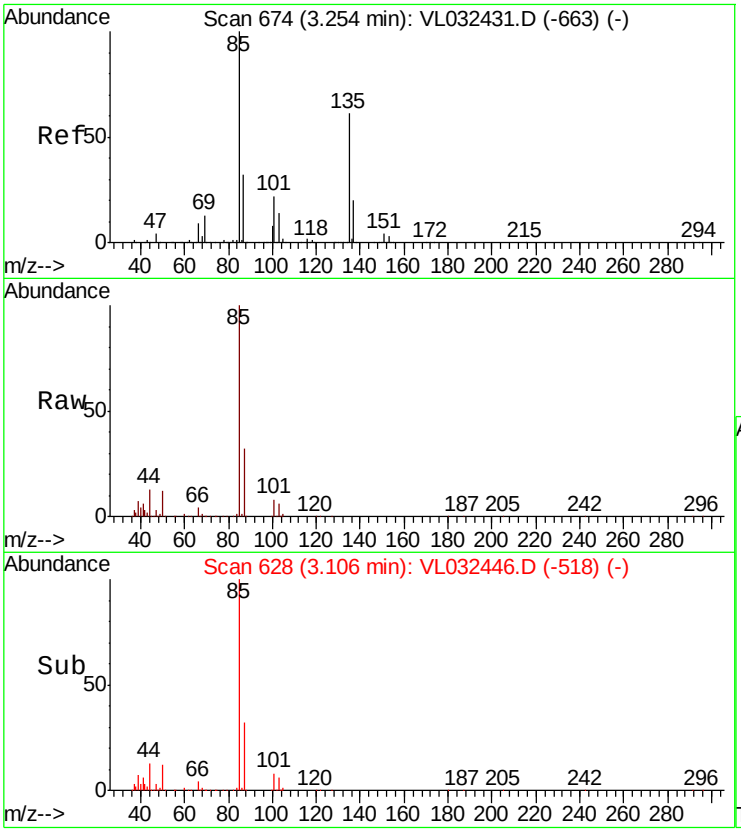


#4
Chloromethane
Concen: 0.317 ppbv
RT: 3.20 min Scan# 658
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 50 Resp: 34129

Ion	Ratio	Lower	Upper
50	100		
52	25.9	25.6	38.4



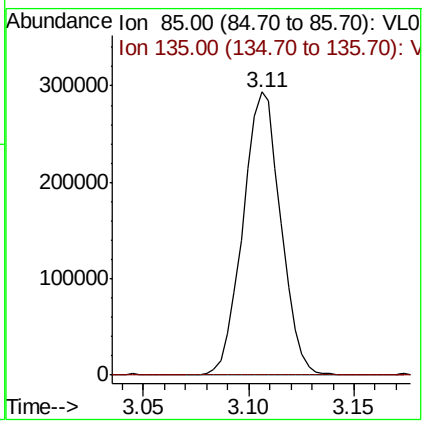


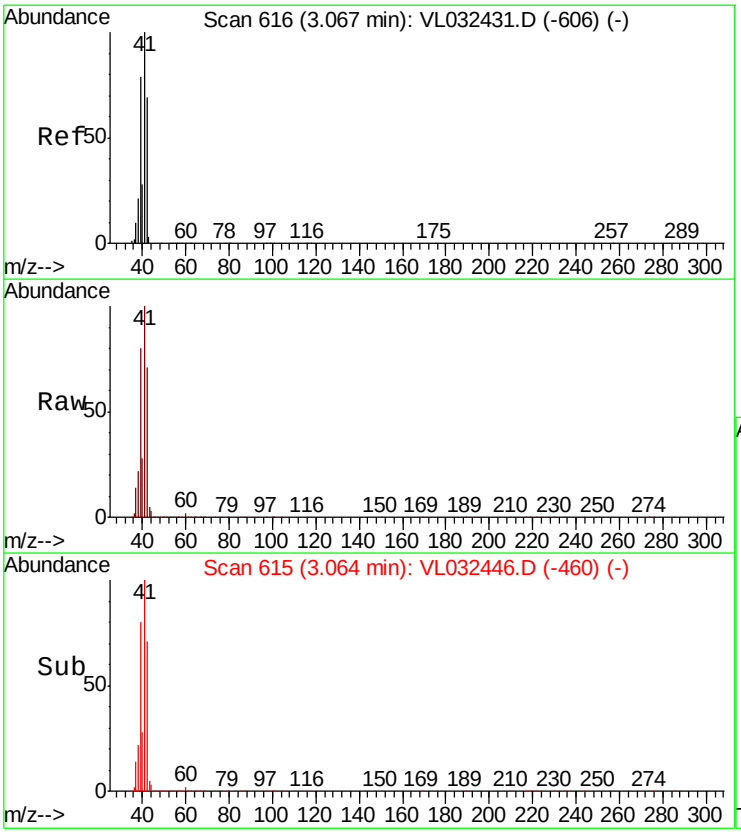
#8
Dichlorotetrafluoroethane
Concen: 1.643 ppbv
RT: 3.11 min Scan# 628
Delta R.T. -0.15 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 85 Resp: 366063

Ion	Ratio	Lower	Upper
85	100		
135	0.0	48.6	72.8#

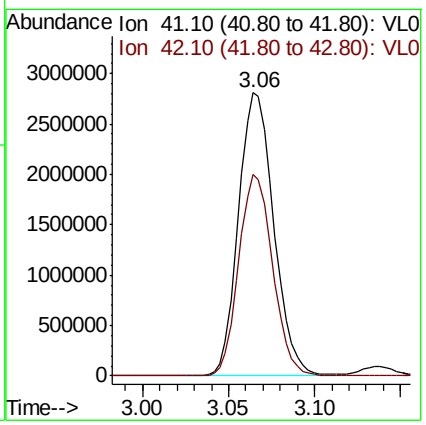


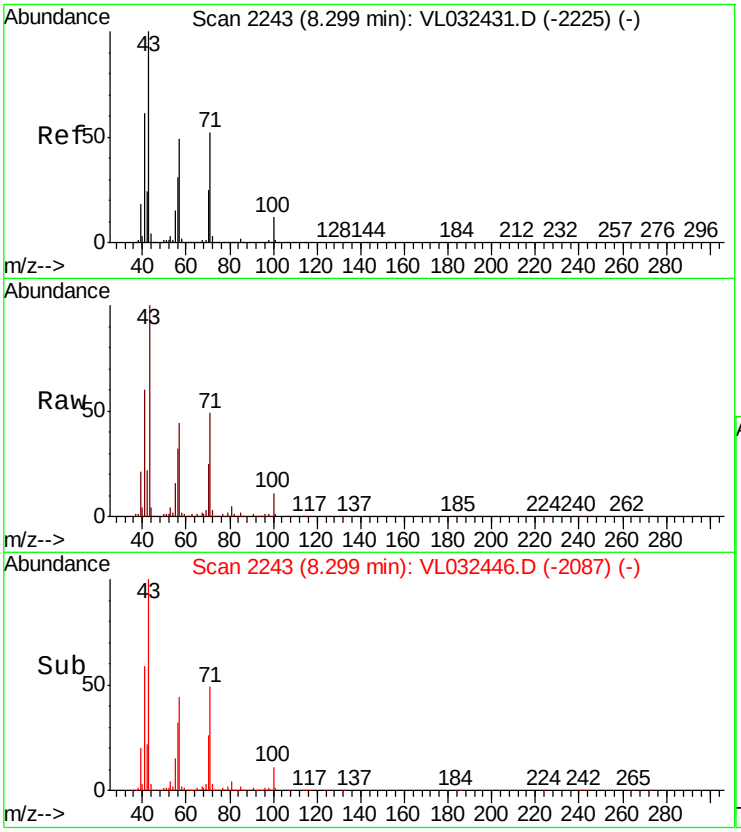


#9
Propene
Concen: 55.857 ppbv
RT: 3.06 min Scan# 615
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 41 Resp: 4003651

Ion	Ratio	Lower	Upper
41	100		
42	68.7	56.6	84.8



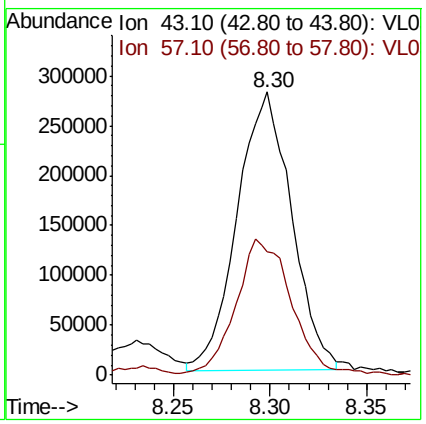


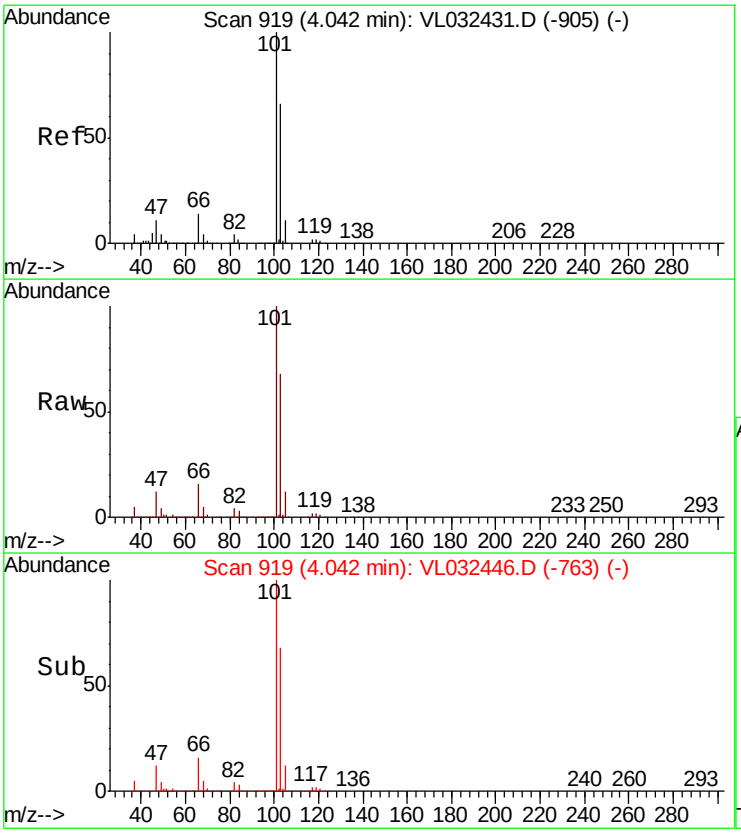
#10
Heptane
Concen: 2.124 ppbv
RT: 8.30 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 43 Resp: 546110

Ion	Ratio	Lower	Upper
43	100		
57	49.4	39.6	59.4

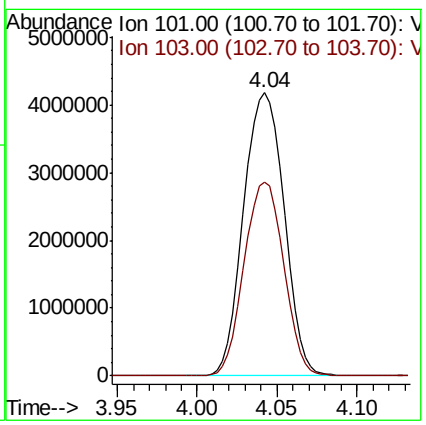


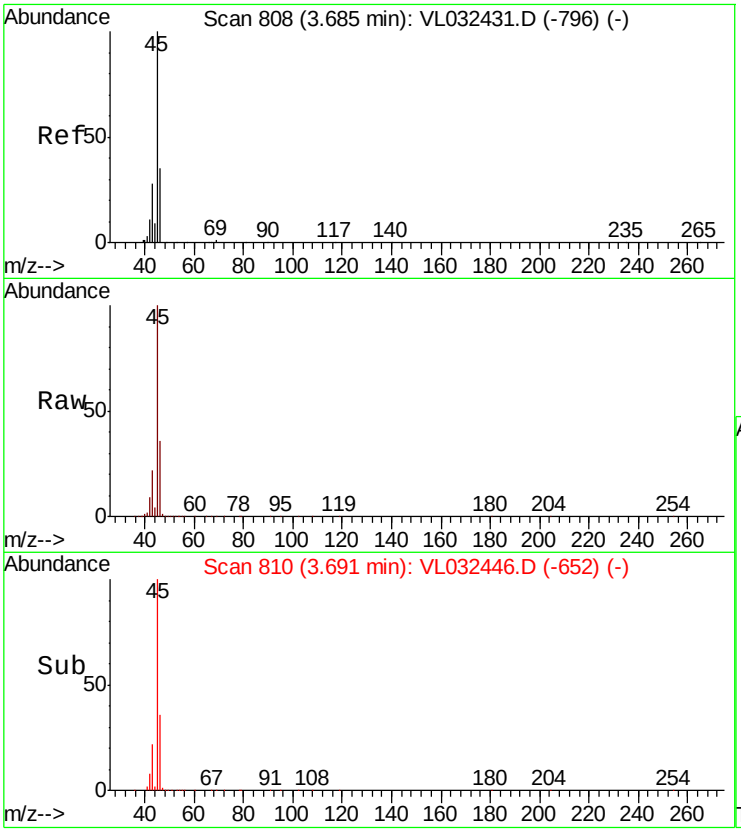


#11
Trichlorofluoromethane
Concen: 32.103 ppbv
RT: 4.04 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:101 Resp: 7268282

Ion	Ratio	Lower	Upper
101	100		
103	68.3	52.8	79.2



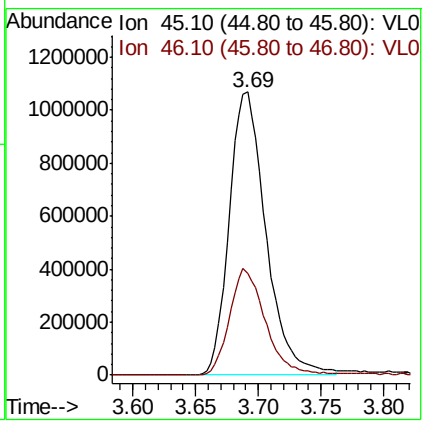


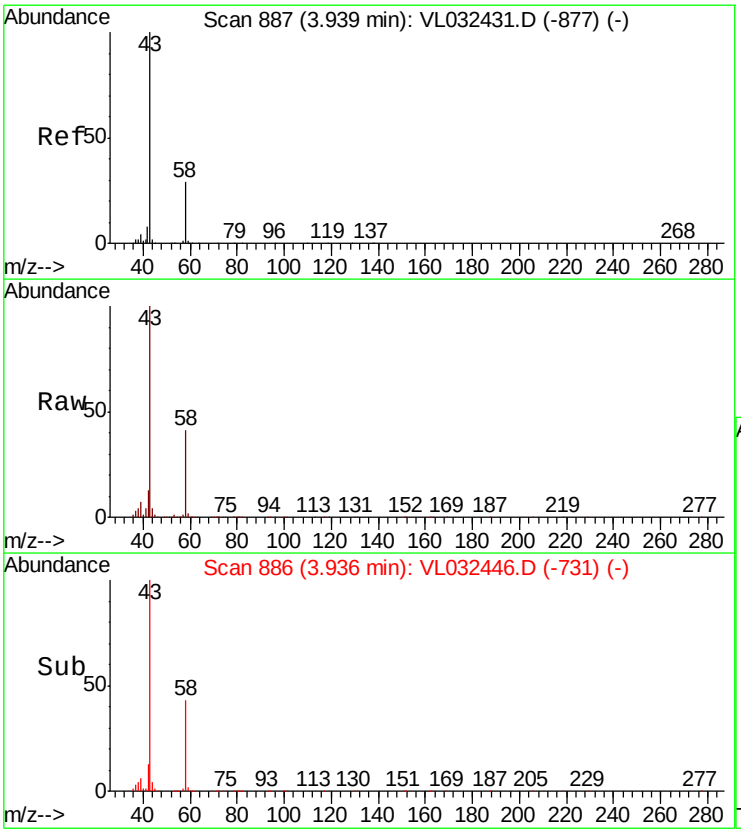
#13
Ethanol
Concen: 97.268 ppbv
RT: 3.69 min Scan# 810
Delta R.T. 0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument :
MSVOA_L
ClientSampleId :
VP-08

Tgt Ion: 45 Resp: 2173212

Ion	Ratio	Lower	Upper
45	100		
46	37.8	14.2	56.8

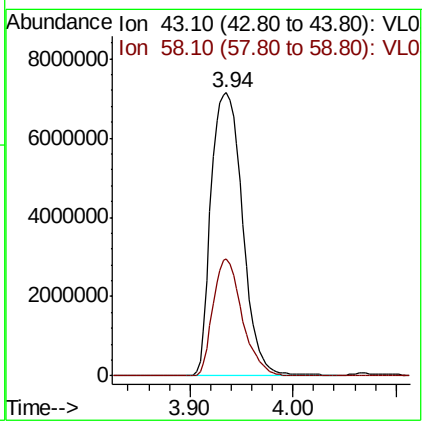


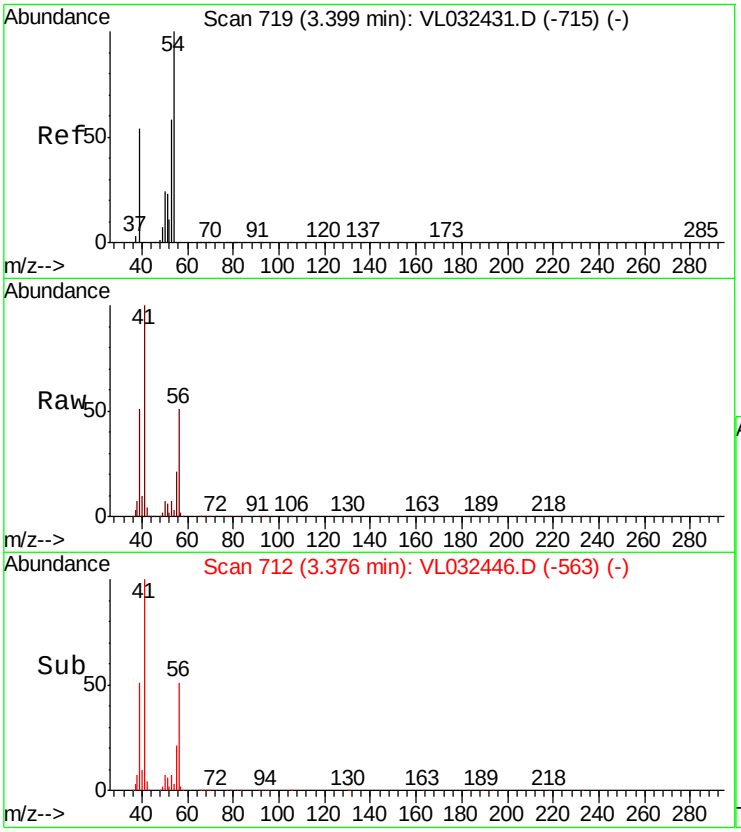


#15
Acetone
Concen: 85.779 ppbv
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 43 Resp:15162844

Ion	Ratio	Lower	Upper
43	100		
58	38.6	22.6	33.8#



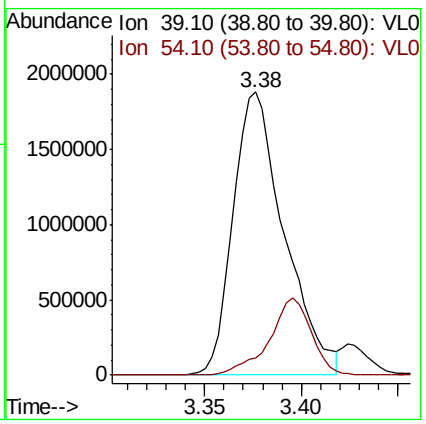


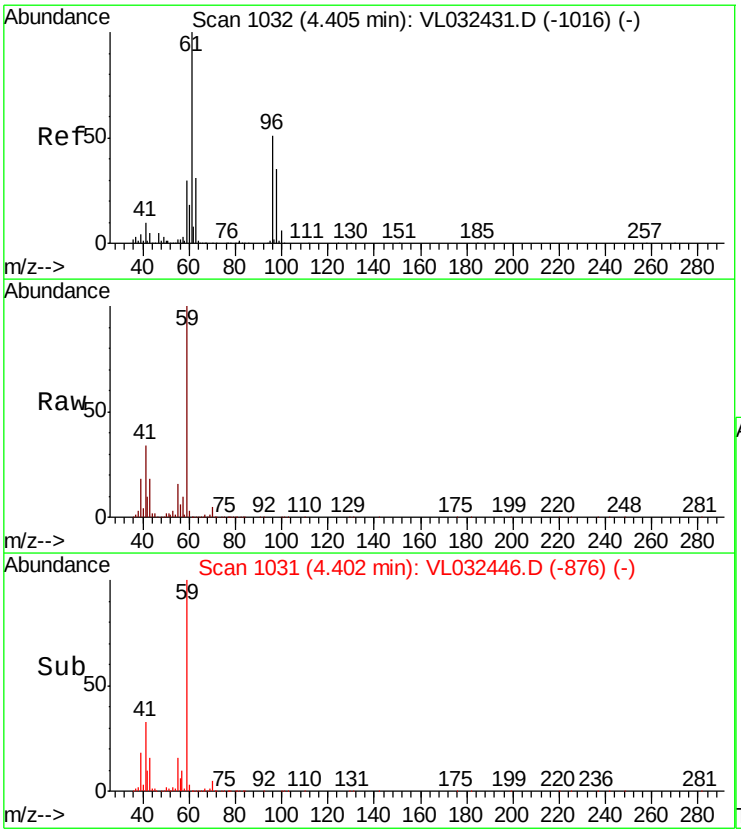
#16
1,3-Butadiene
Concen: 41.573 ppbv
RT: 3.38 min Scan# 712
Delta R.T. -0.02 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument :
MSVOA_L
ClientSampleId :
VP-08

Tgt Ion: 39 Resp: 3458019

Ion	Ratio	Lower	Upper
39	100		
54	22.8	80.8	121.2#

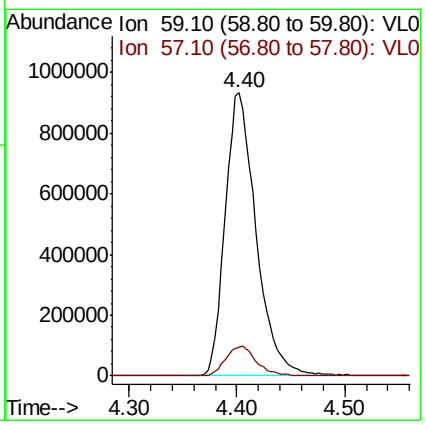


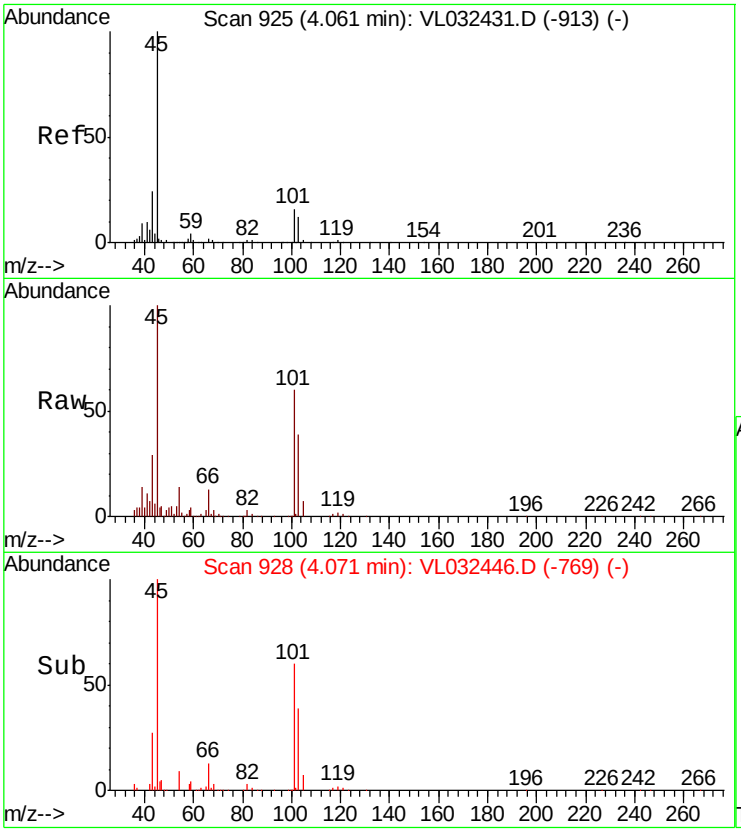


#17
tert-Butyl alcohol
Concen: 68.582 ppbv
RT: 4.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 59 Resp: 1865621

Ion	Ratio	Lower	Upper
59	100		
57	10.7	0.0	0.0#



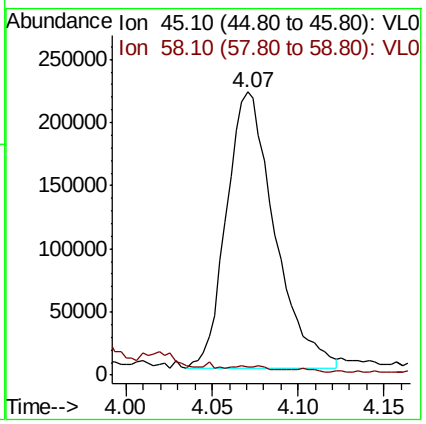


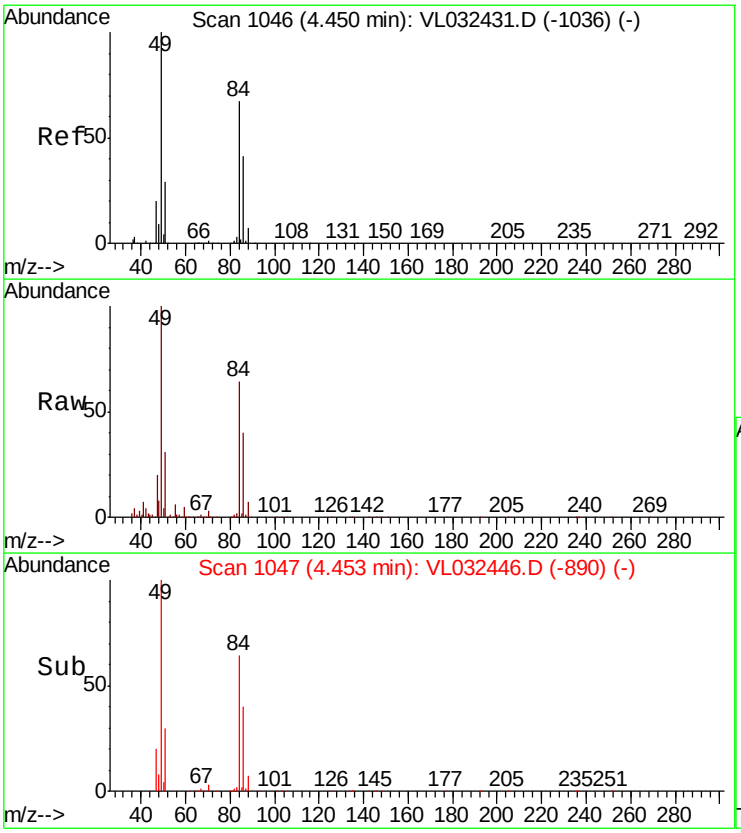
#19
Isopropyl Alcohol
Concen: 3.664 ppbv
RT: 4.07 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 45 Resp: 424923

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

Instrument :
MSVOA_L
ClientSampleId :
VP-08

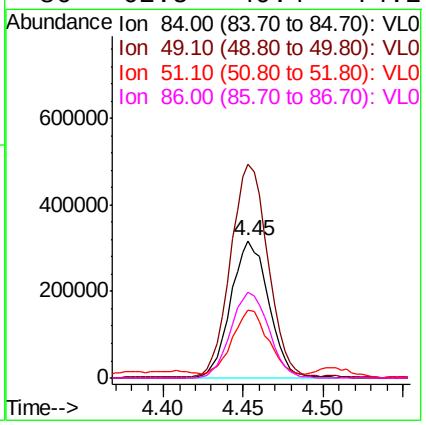


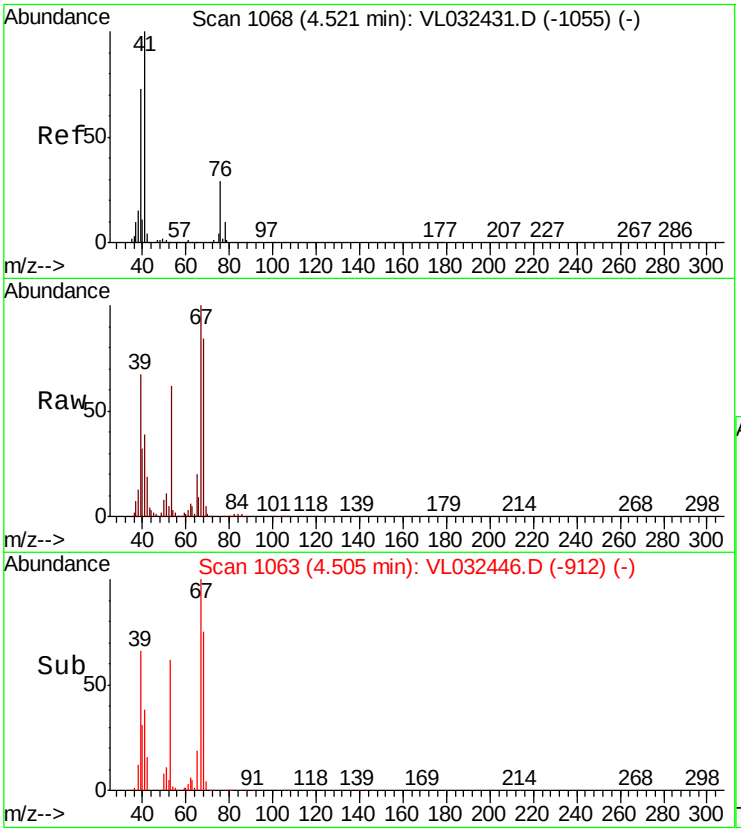


#20
Methylene Chloride
Concen: 7.536 ppbv
RT: 4.45 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 84 Resp: 507938

Ion	Ratio	Lower	Upper
84	100		
49	154.7	119.1	178.7
51	44.5	35.2	52.8
86	62.5	49.4	74.2



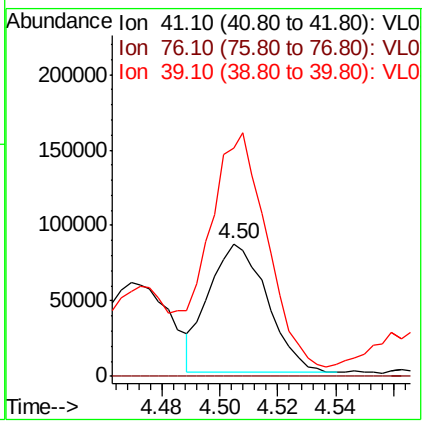


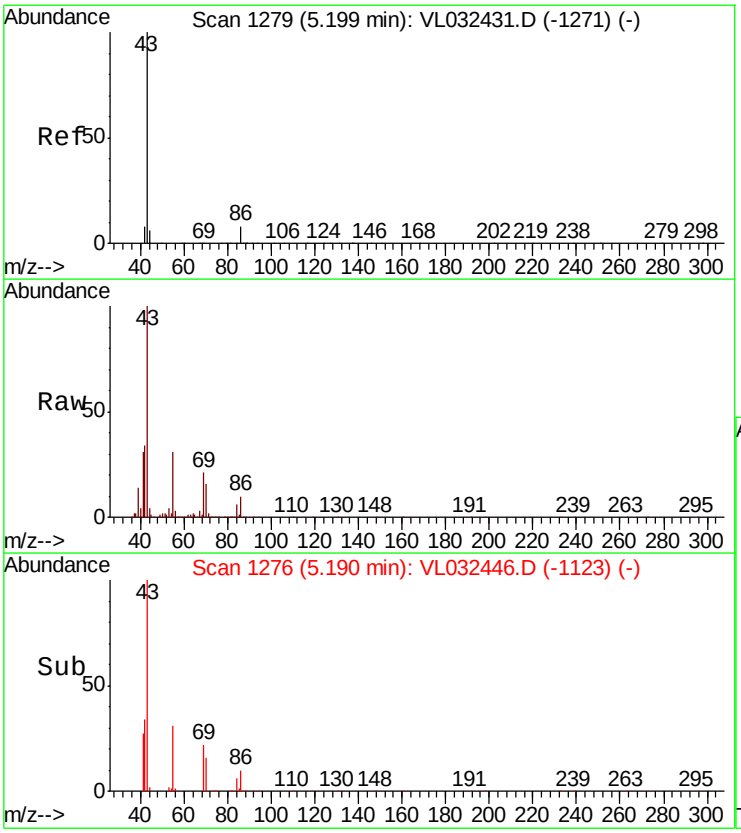
#21
Allyl Chloride
Concen: 1.017 ppbv
RT: 4.50 min Scan# 1063
Delta R.T. -0.02 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 41 Resp: 119407

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	244.6	57.7	86.5#

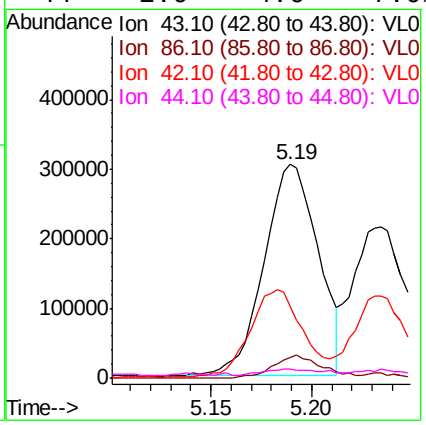


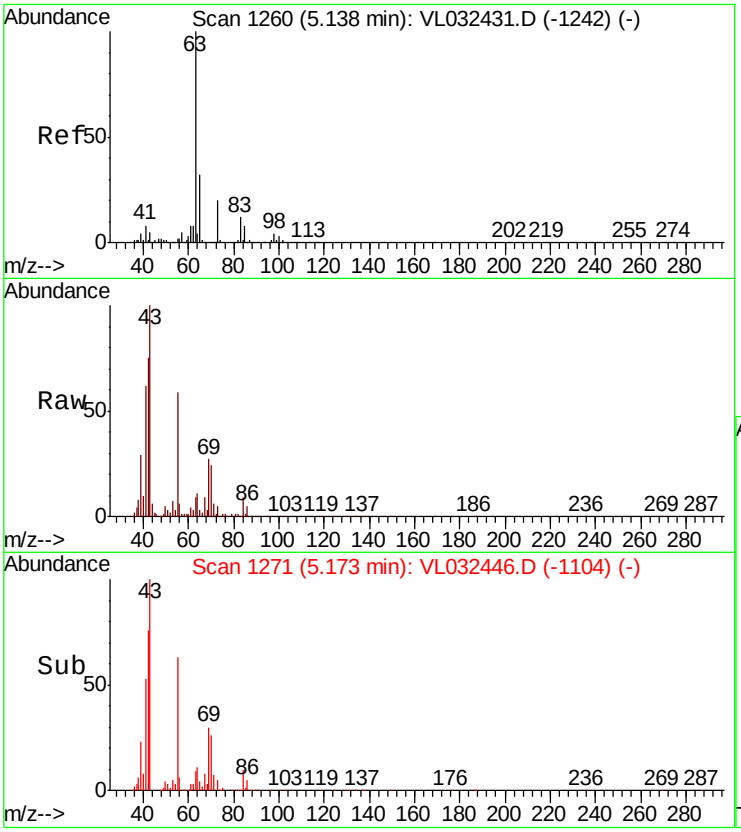


#23
Vinyl Acetate
Concen: 1.916 ppbv
RT: 5.19 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 43 Resp: 561308

Ion	Ratio	Lower	Upper
43	100		
86	9.7	5.9	8.9#
42	33.4	6.9	10.3#
44	2.0	4.6	7.0#



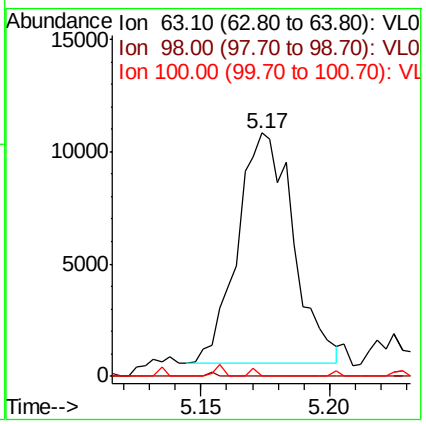


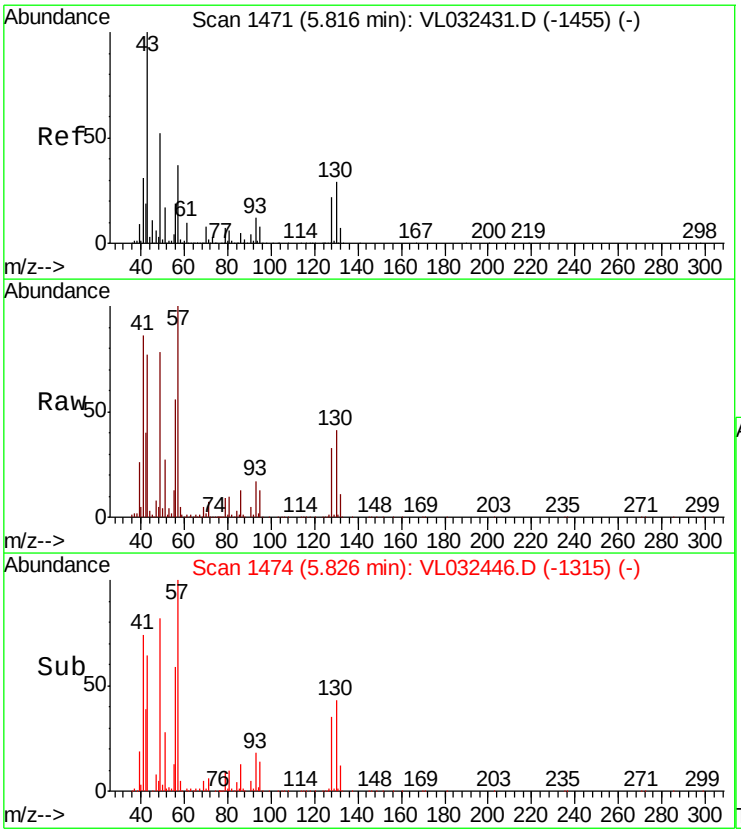
#24
1,1-Dichloroethane
Concen: 0.064 ppbv
RT: 5.17 min Scan# 1271
Delta R.T. 0.04 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 63 Resp: 15422

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.5#
100	0.0	1.5	4.4#

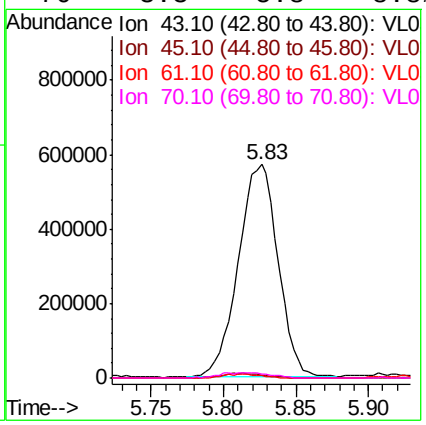


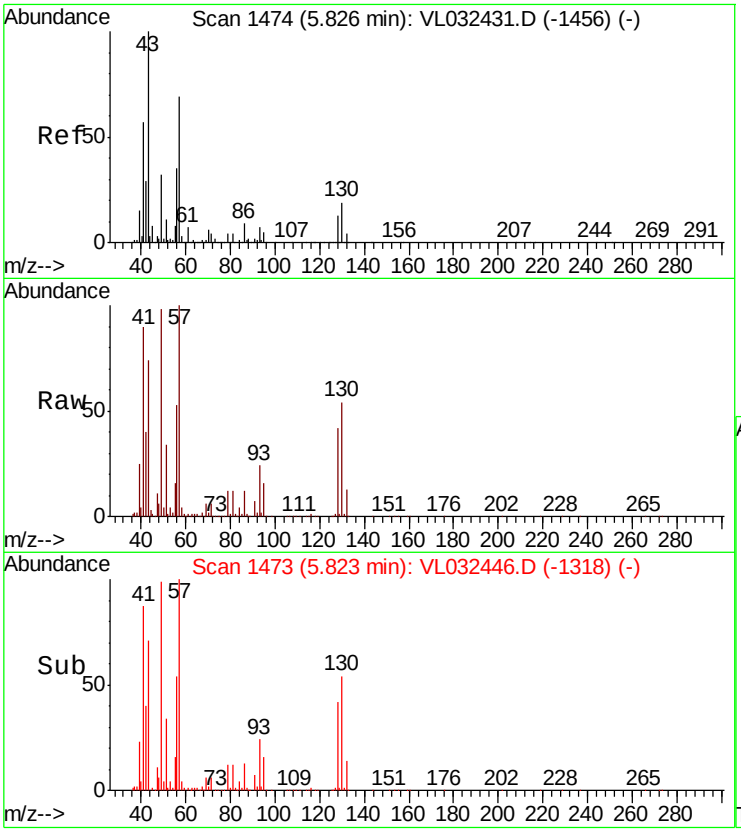


#25
Ethyl Acetate
Concen: 2.594 ppbv
RT: 5.83 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 43 Resp: 1082931

Ion	Ratio	Lower	Upper
43	100		
45	2.3	8.0	12.0#
61	1.8	7.6	11.4#
70	3.3	5.8	8.8#



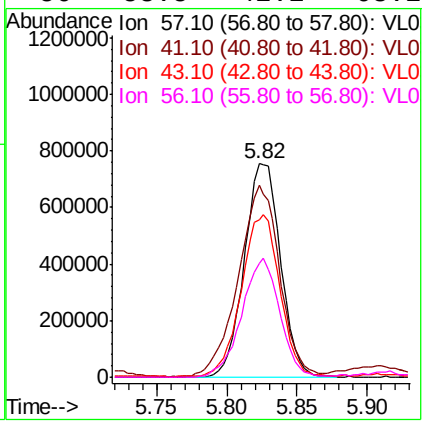


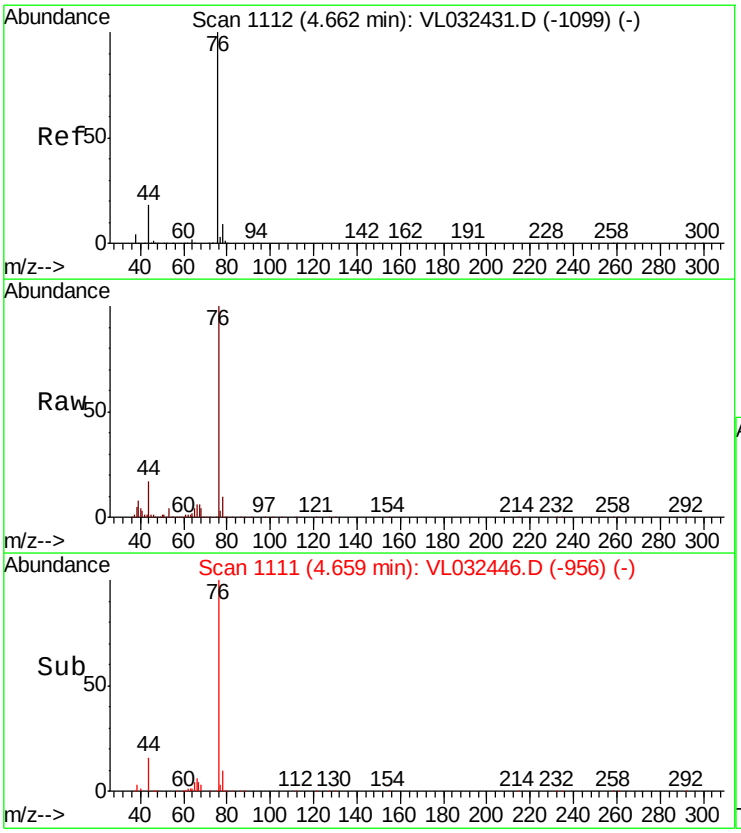
#26
Hexane
Concen: 7.276 ppbv
RT: 5.82 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 57 Resp: 1359963

Ion	Ratio	Lower	Upper
57	100		
41	102.0	69.0	103.4
43	80.4	172.1	258.1#
56	58.5	42.2	63.2

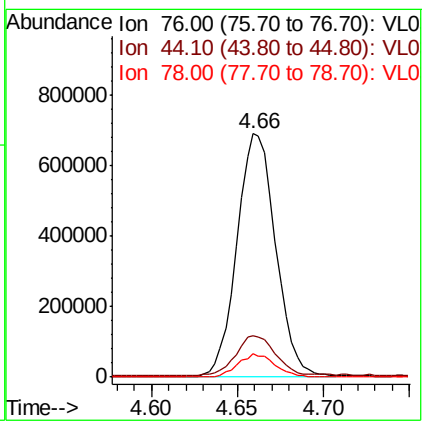


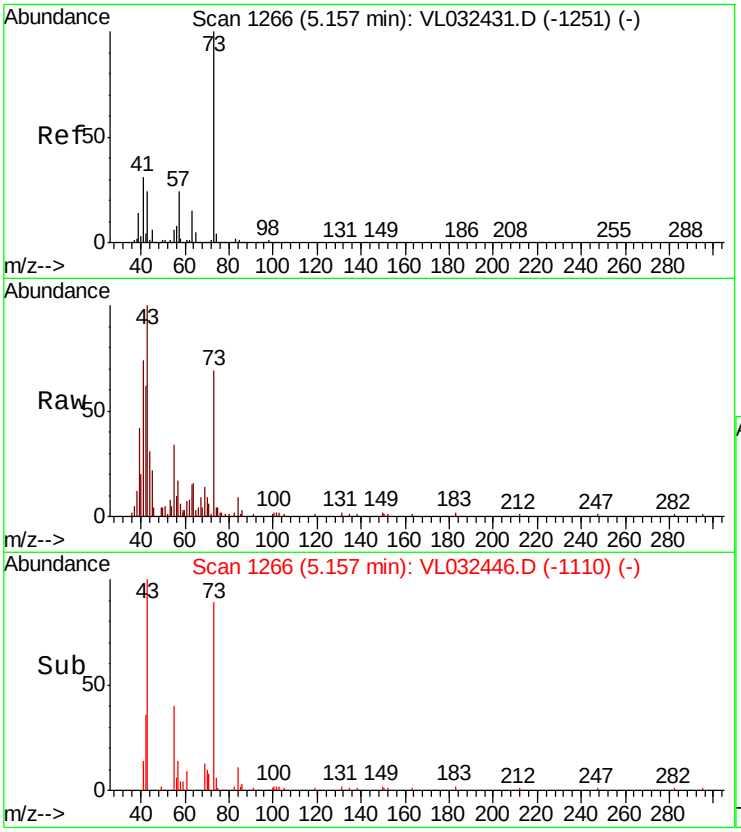


#27
Carbon Disulfide
Concen: 6.279 ppbv
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 76 Resp: 1083479

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.0	21.0
78	9.3	7.5	11.3



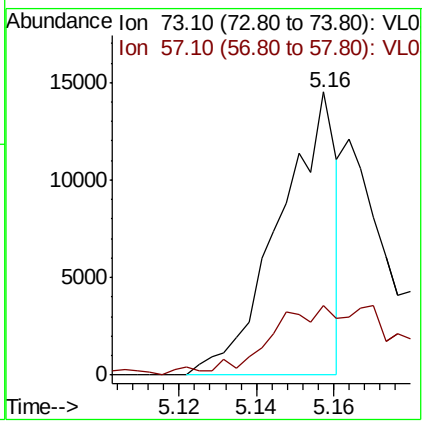


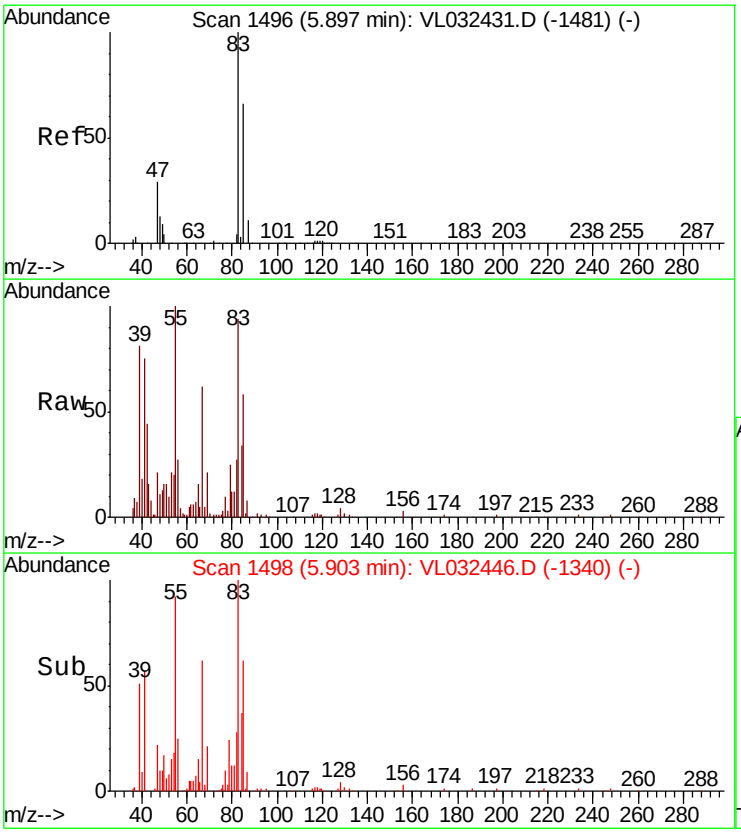
#28
Methyl tert-Butyl Ether
Concen: 0.065 ppbv
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 73 Resp: 14818

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.3	28.9#

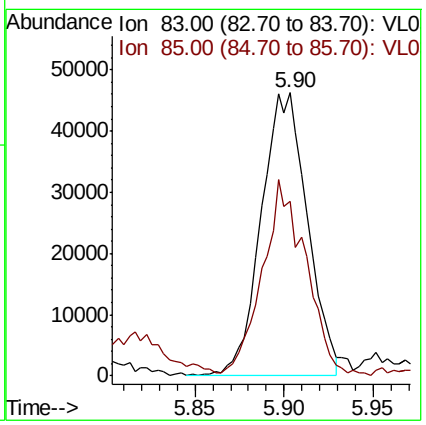


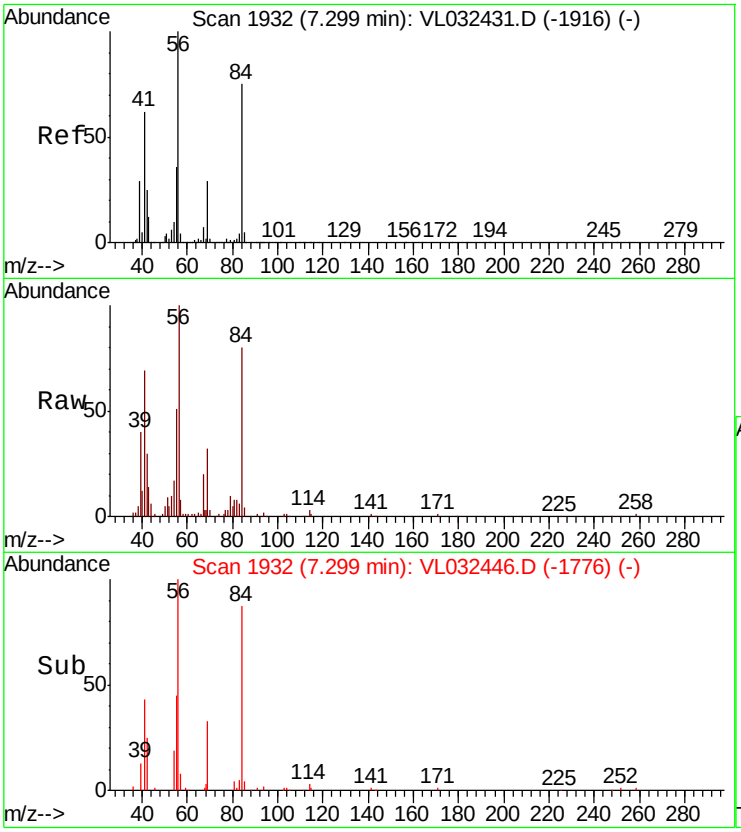


#29
Chloroform
Concen: 0.294 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 83 Resp: 83858

Ion	Ratio	Lower	Upper
83	100		
85	58.6	52.5	78.7



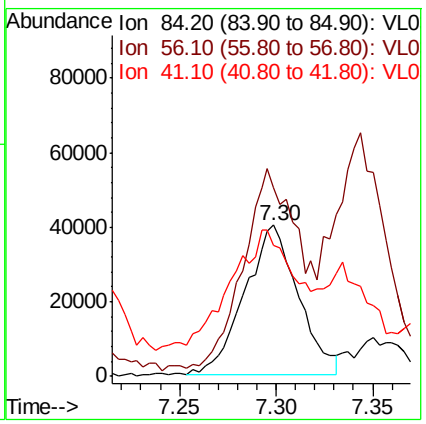


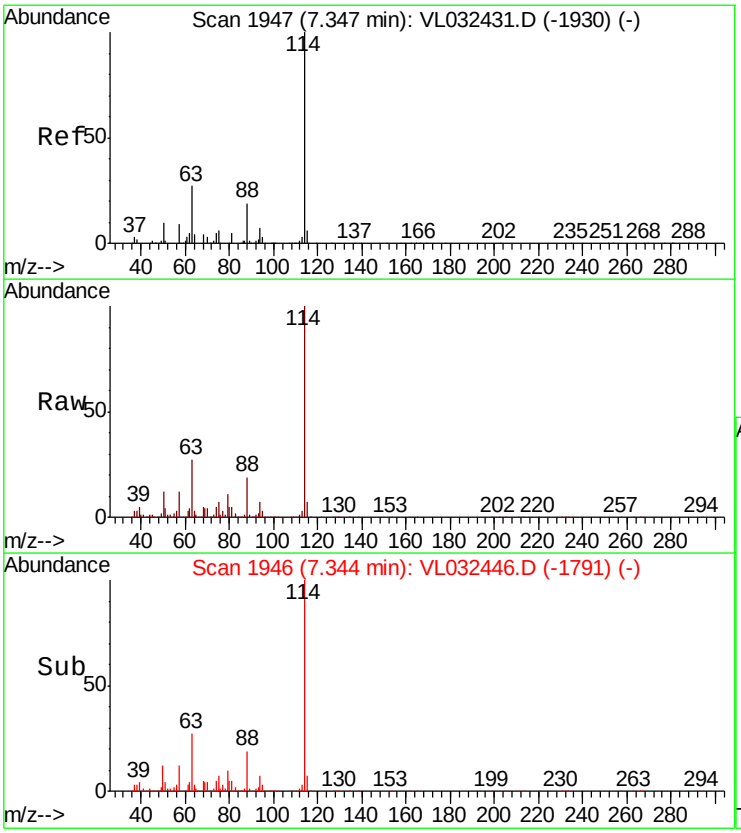
#30
Cyclohexane
Concen: 0.565 ppbv
RT: 7.30 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 84 Resp: 77293

Ion	Ratio	Lower	Upper
84	100		
56	130.3	113.5	170.3
41	117.7	68.1	102.1#

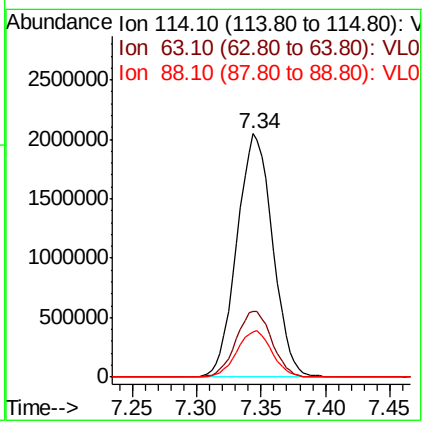


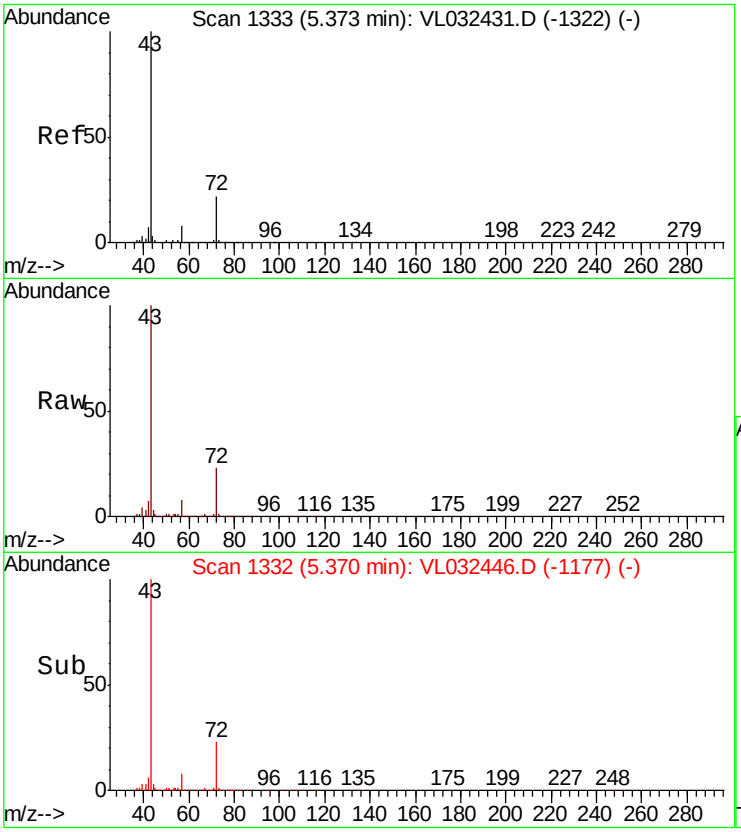


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:114 Resp: 3946453

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	18.7	15.0	22.4



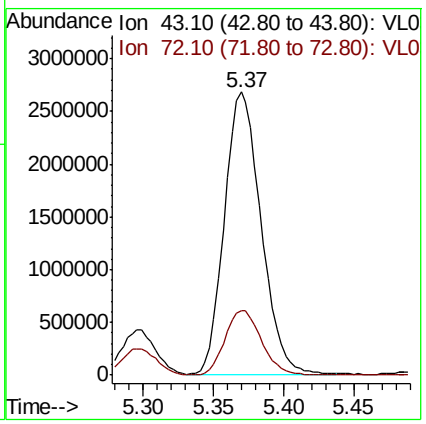


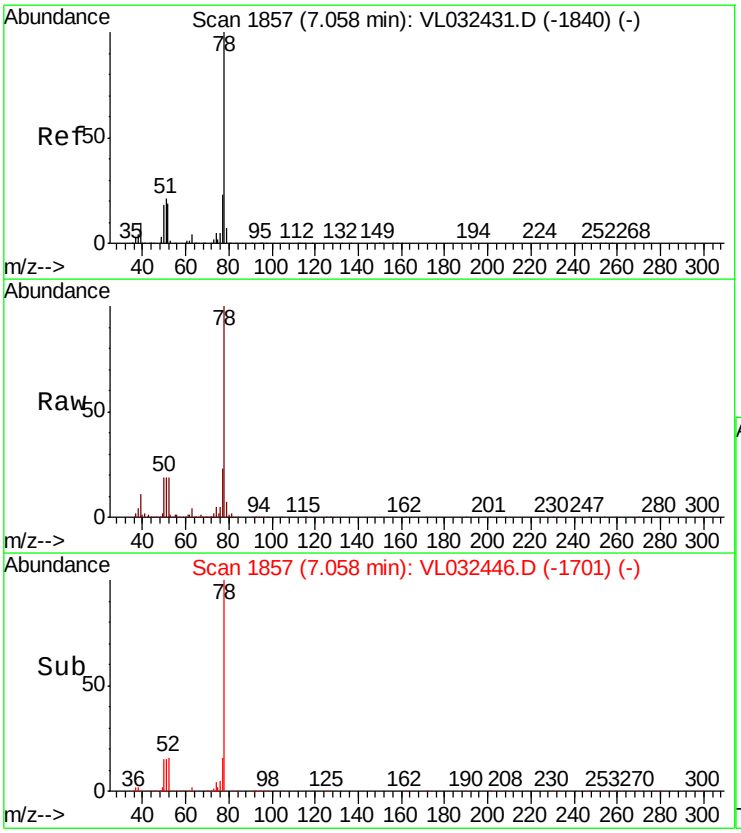
#34
2-Butanone
Concen: 18.478 ppbv
RT: 5.37 min Scan# 1332
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 43 Resp: 4843747

Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.8	26.6

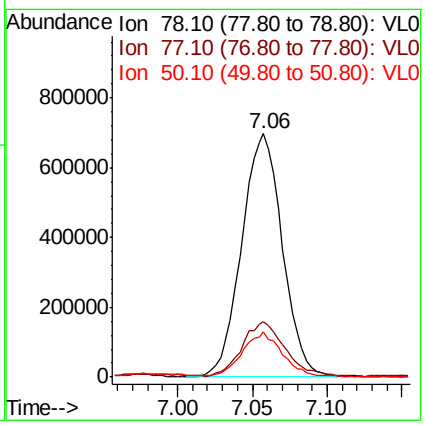


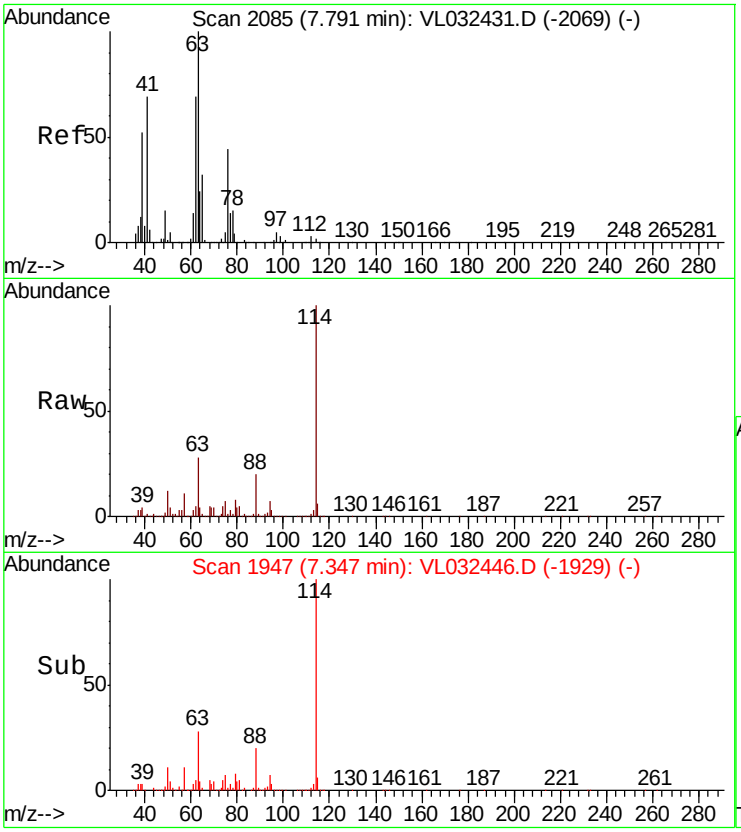


#36
Benzene
Concen: 3.910 ppbv
RT: 7.06 min Scan# 1857
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 78 Resp: 1313153

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.4	27.6
50	18.1	14.4	21.6



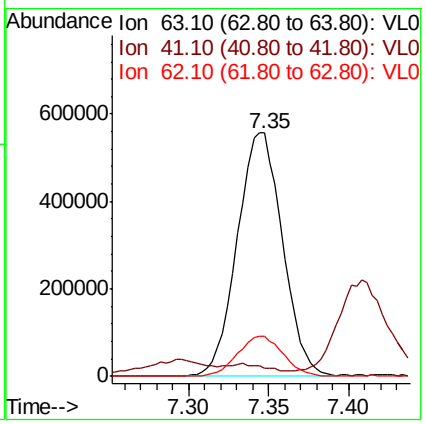


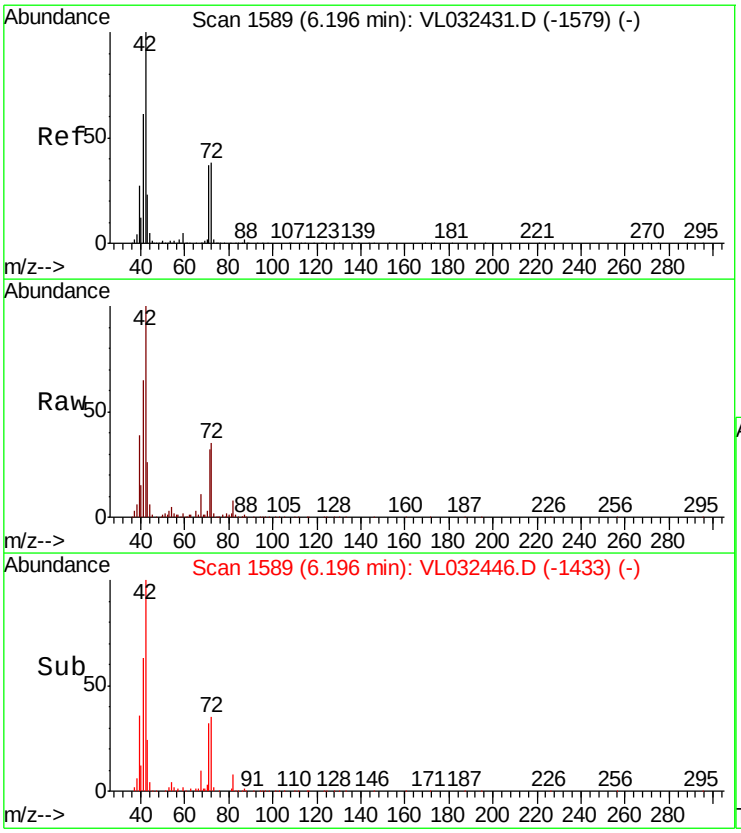
#39
1,2-Dichloropropane
Concen: 7.445 ppbv
RT: 7.35 min Scan# 1947
Delta R.T. -0.44 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 63 Resp: 1069752

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	16.2	55.4	83.0#

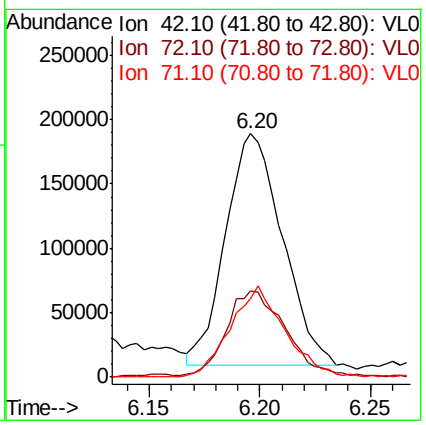


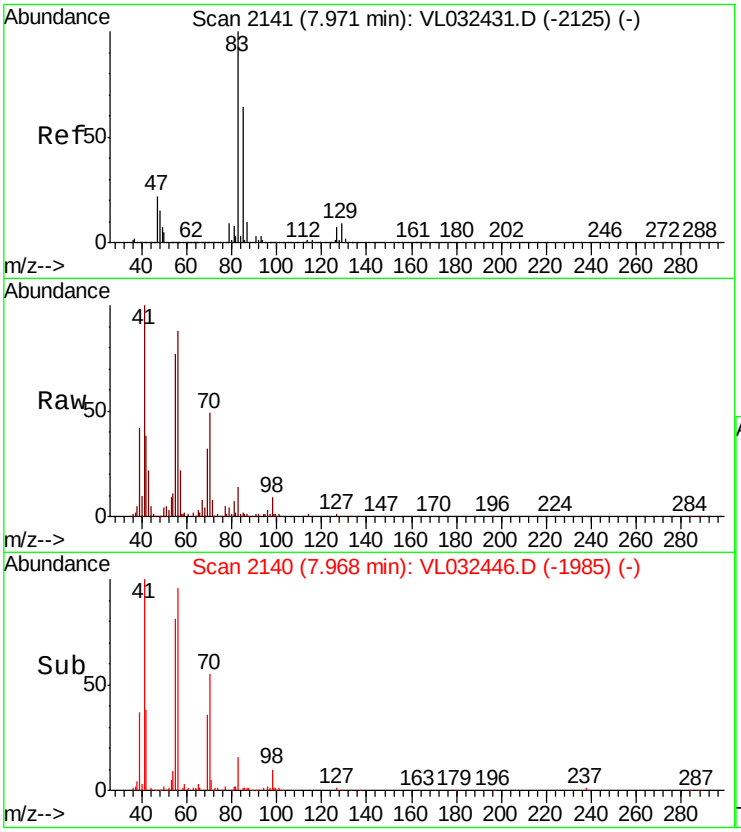


#41
Tetrahydrofuran
Concen: 2.251 ppbv
RT: 6.20 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 42 Resp: 321226

Ion	Ratio	Lower	Upper
42	100		
72	40.6	29.5	44.3
71	38.4	28.3	42.5



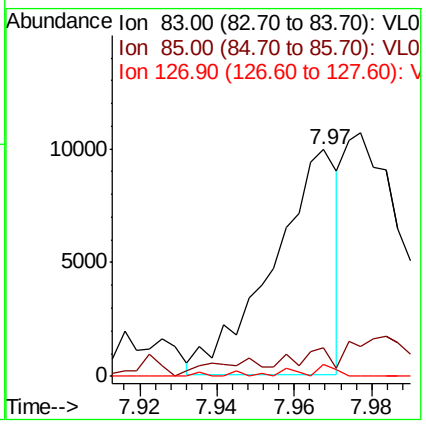


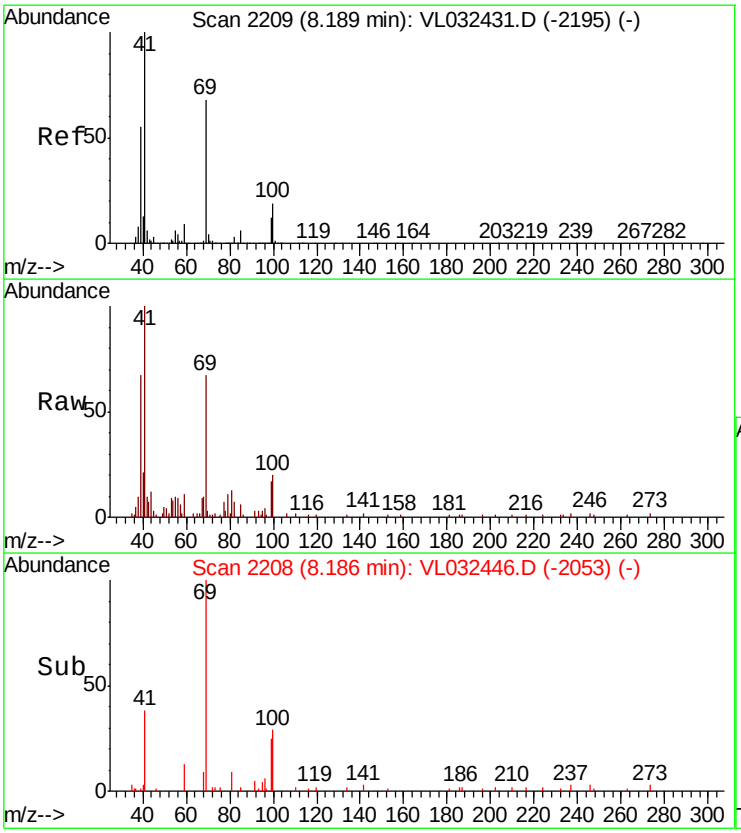
#42
Bromodichloromethane
Concen: 0.041 ppbv
RT: 7.97 min Scan# 2140
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 83 Resp: 11524

Ion	Ratio	Lower	Upper
83	100		
85	10.7	51.1	76.7#
127	5.8	5.8	8.8#

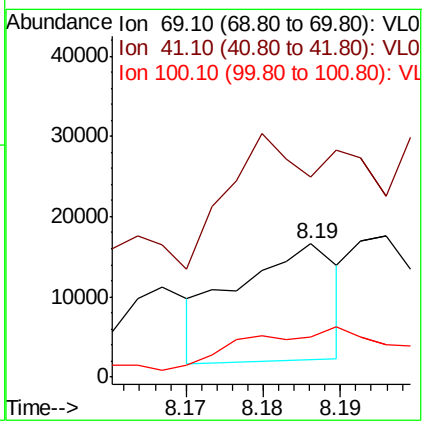


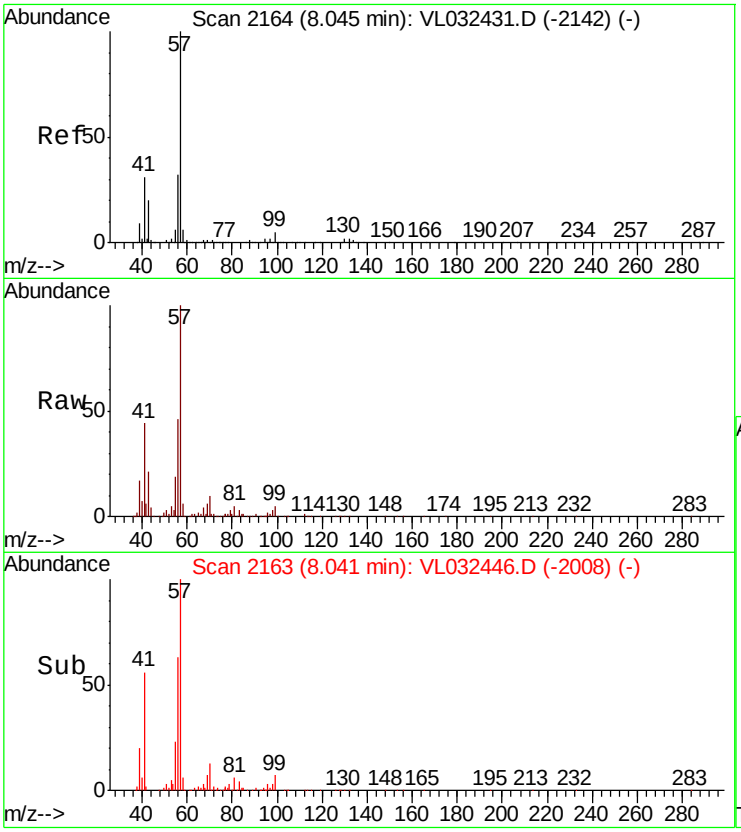


#43
Methyl Methacrylate
Concen: 0.093 ppbv
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 69 Resp: 13207

Ion	Ratio	Lower	Upper
69	100		
41	0.0	117.1	175.7#
100	80.3	23.4	35.2#



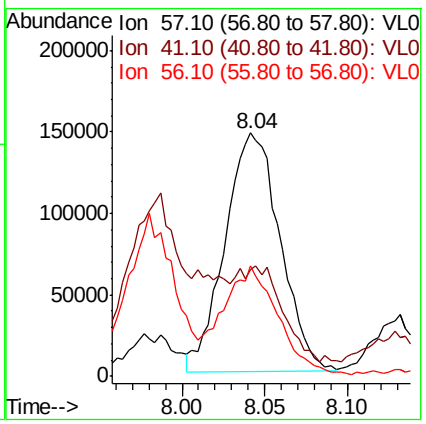


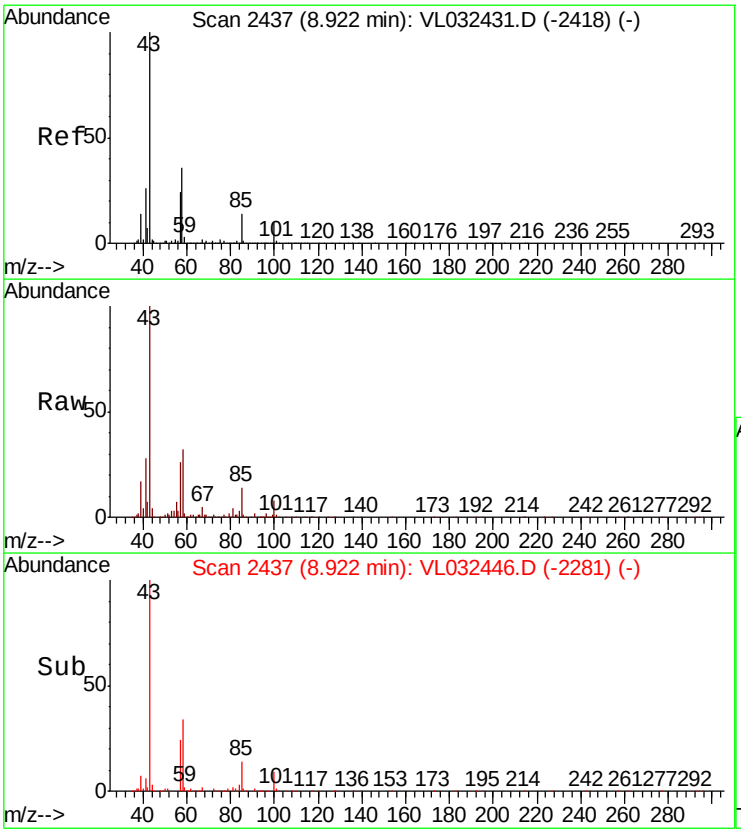
#44
2,2,4-Trimethylpentane
Concen: 0.524 ppbv
RT: 8.04 min Scan# 2163
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 57 Resp: 339978

Ion	Ratio	Lower	Upper
57	100		
41	52.2	24.4	36.6#
56	43.3	25.7	38.5#

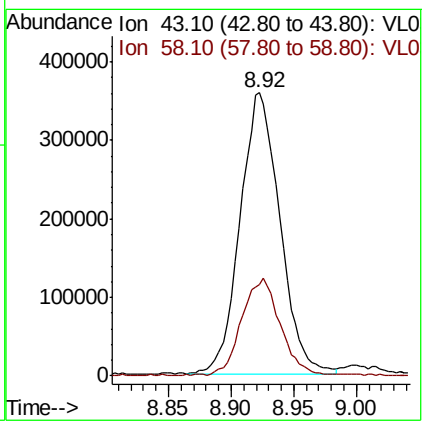


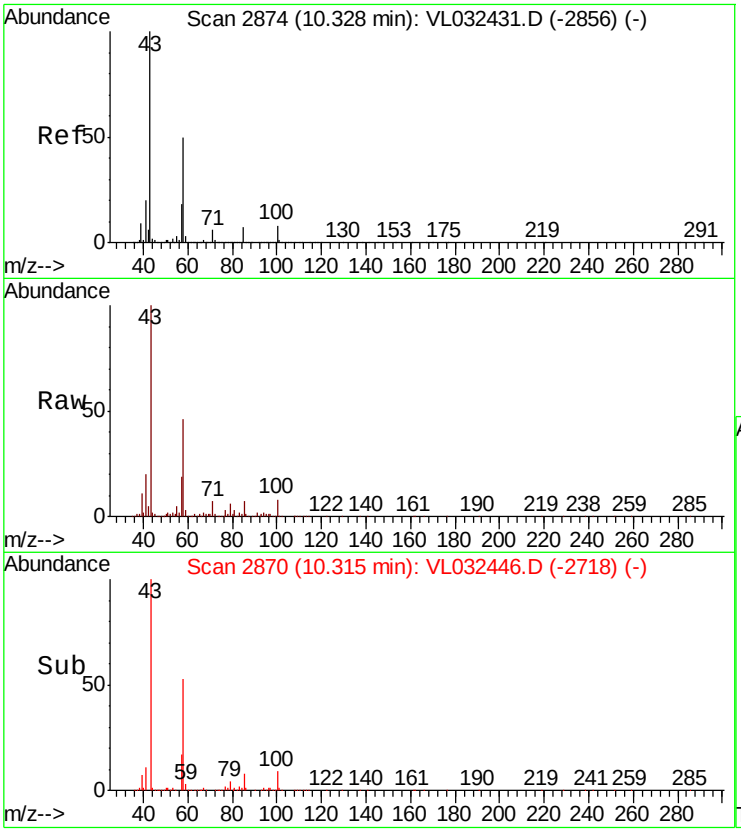


#50
4-Methyl-2-Pentanone
Concen: 2.000 ppbv
RT: 8.92 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 43 Resp: 789591

Ion	Ratio	Lower	Upper
43	100		
58	33.9	29.0	43.4



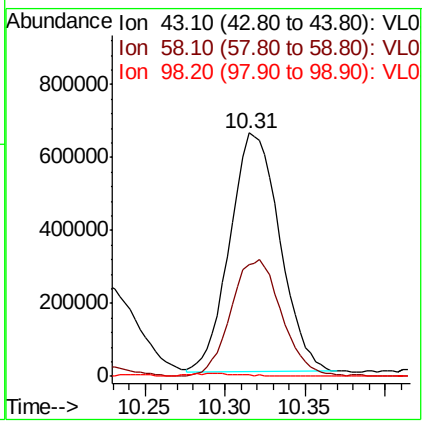


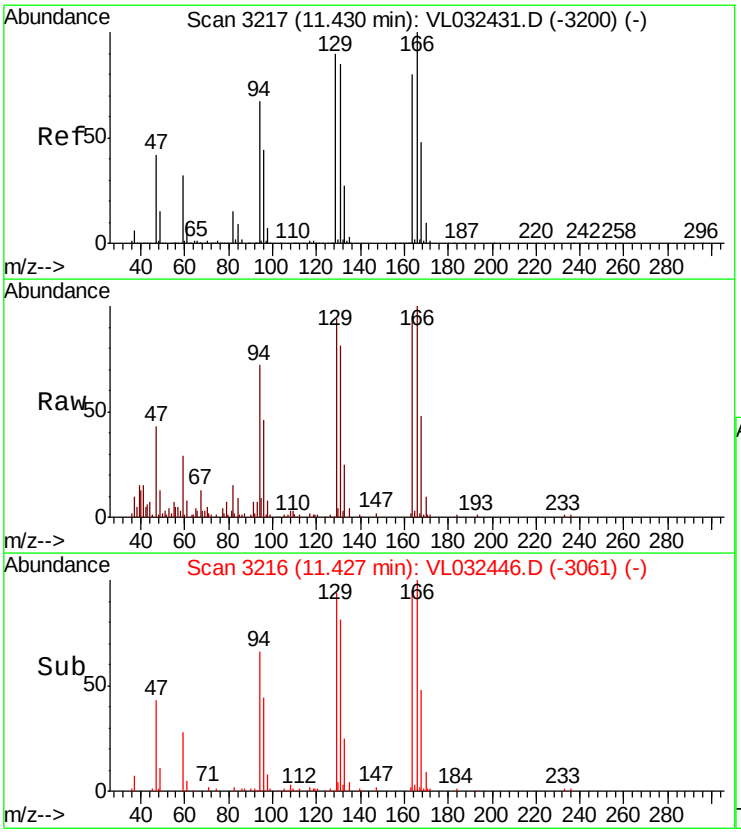
#51
2-Hexanone
Concen: 5.485 ppbv
RT: 10.31 min Scan# 2870
Delta R.T. -0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 43 Resp: 1395174

Ion	Ratio	Lower	Upper
43	100		
58	49.7	39.2	58.8
98	1.3	0.4	0.6#

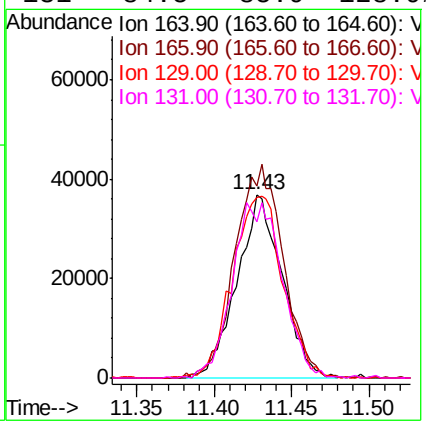


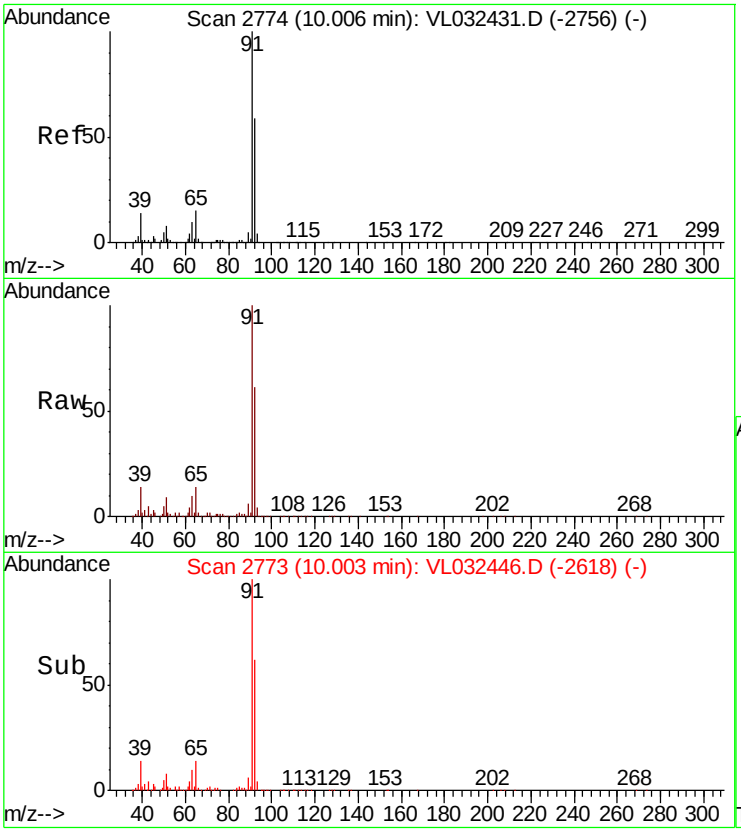


#52
Tetrachloroethene
Concen: 0.719 ppbv
RT: 11.43 min Scan# 3216
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:164 Resp: 74880

Ion	Ratio	Lower	Upper
164	100		
166	103.9	100.6	150.8
129	97.7	89.9	134.9
131	84.5	85.9	128.9#



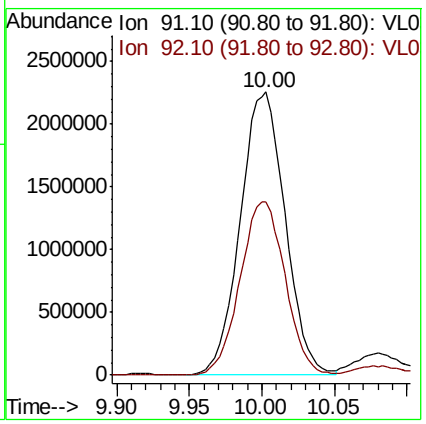


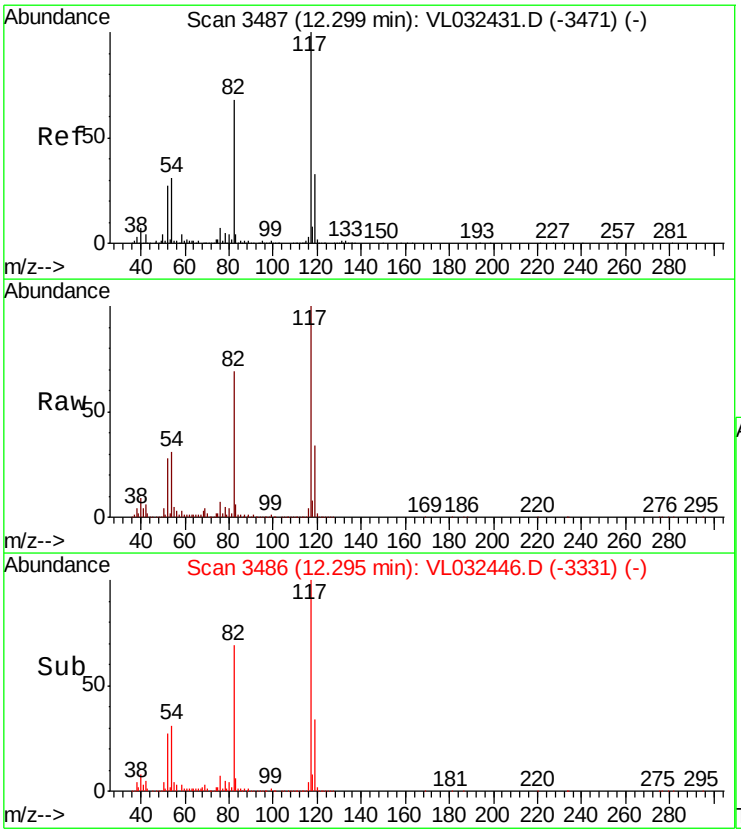
#53
Toluene
Concen: 13.773 ppbv
RT: 10.00 min Scan# 2773
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 91 Resp: 4834917

Ion	Ratio	Lower	Upper
91	100		
92	61.6	48.1	72.1

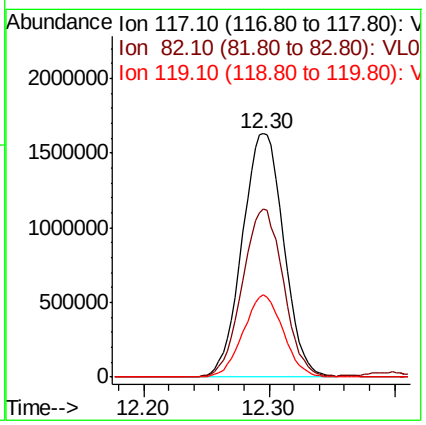


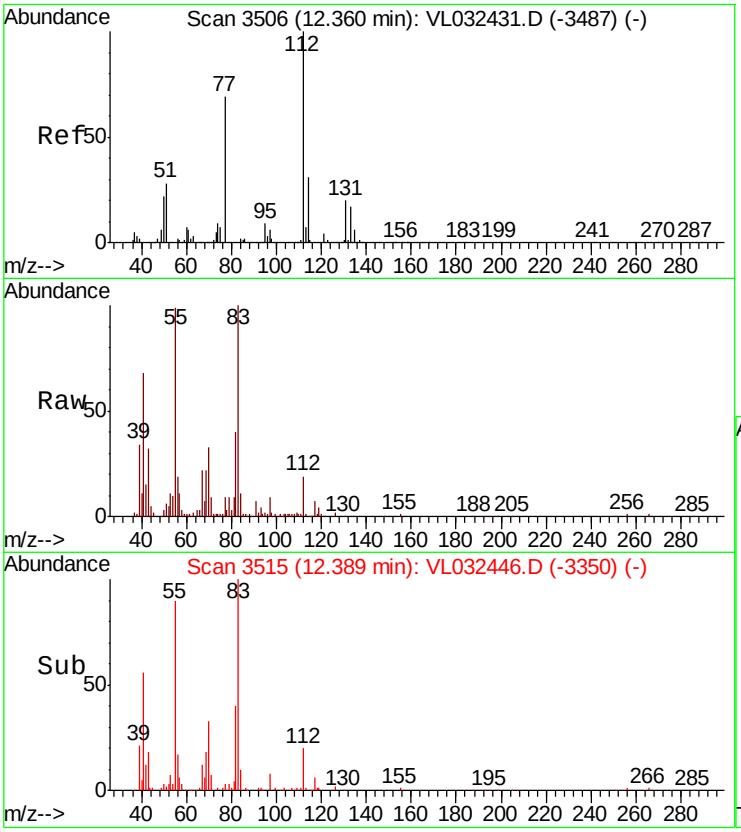


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3486
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:117 Resp: 3749653

Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.0	79.6
119	32.6	45.9	68.9#



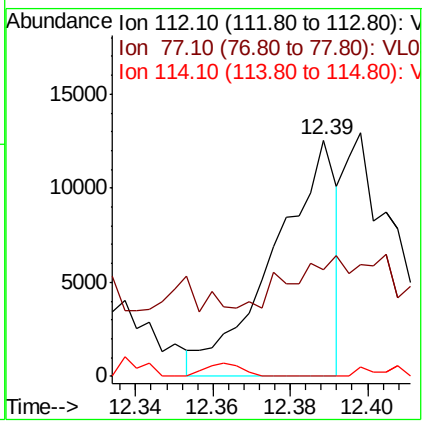


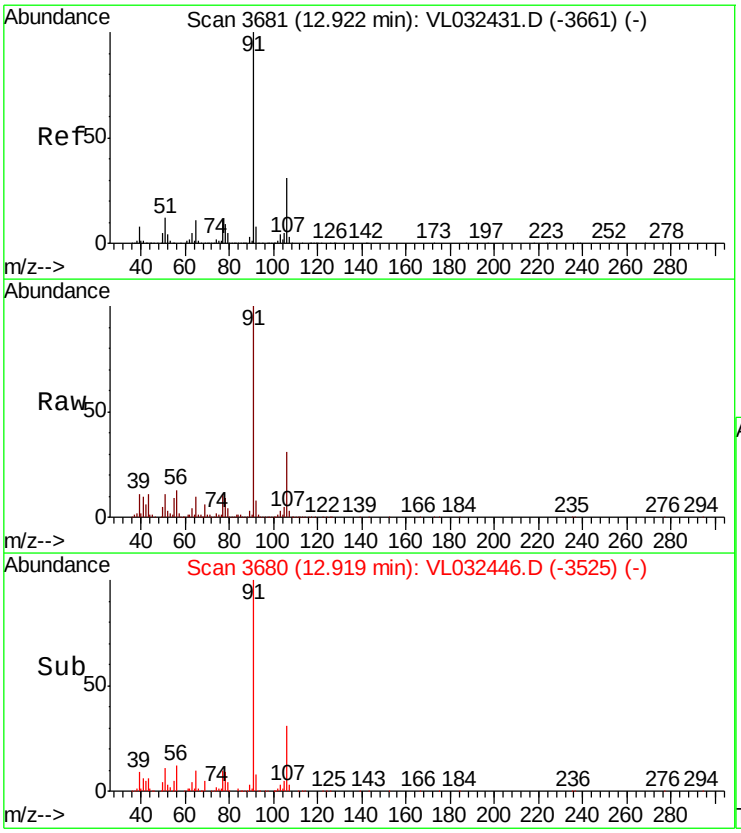
#57
Chlorobenzene
Concen: 0.047 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. 0.03 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion:112 Resp: 13998

Ion	Ratio	Lower	Upper
112	100		
77	2.8	56.1	84.1#
114	2.3	27.8	34.0#

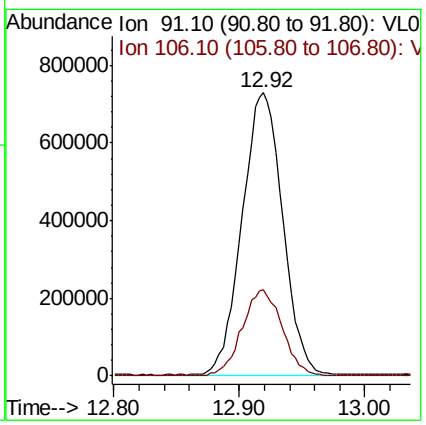


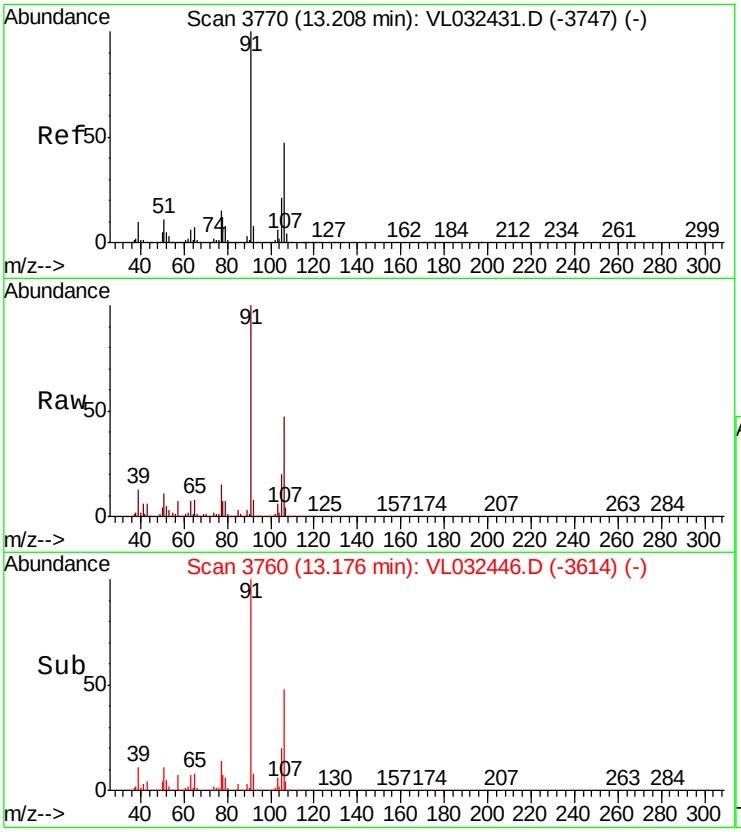


#58
Ethyl Benzene
Concen: 3.653 ppbv
RT: 12.92 min Scan# 3680
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 91 Resp: 1639029

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.8	37.2



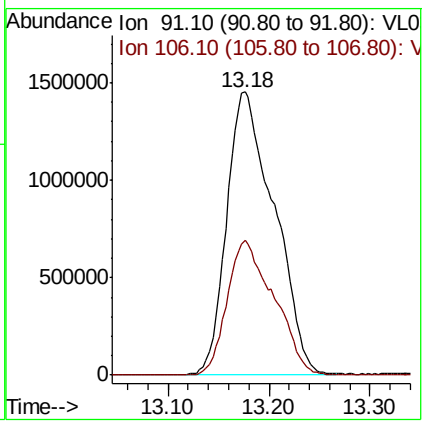


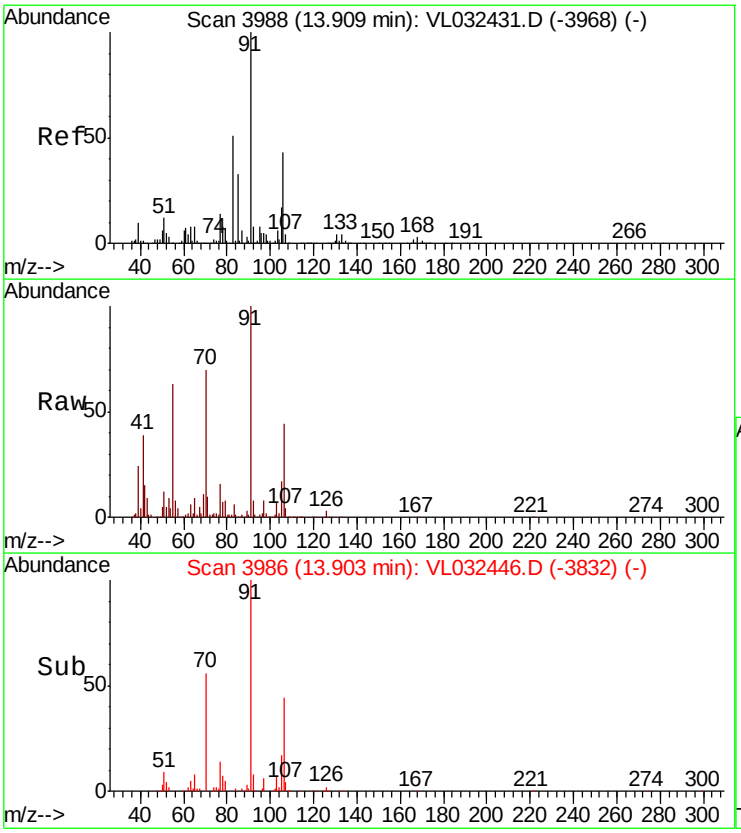
#59
m/p-Xylene
Concen: 11.850 ppbv
RT: 13.18 min Scan# 3760
Delta R.T. -0.03 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 91 Resp: 4740497

Ion	Ratio	Lower	Upper
91	100		
106	47.1	36.6	55.0

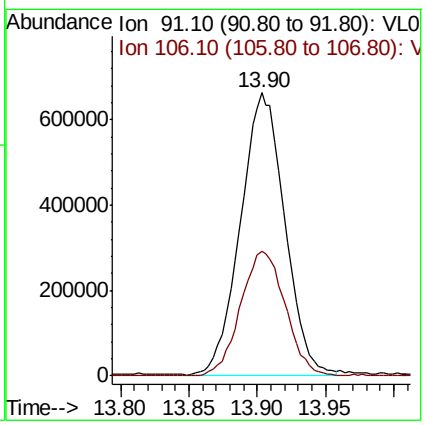


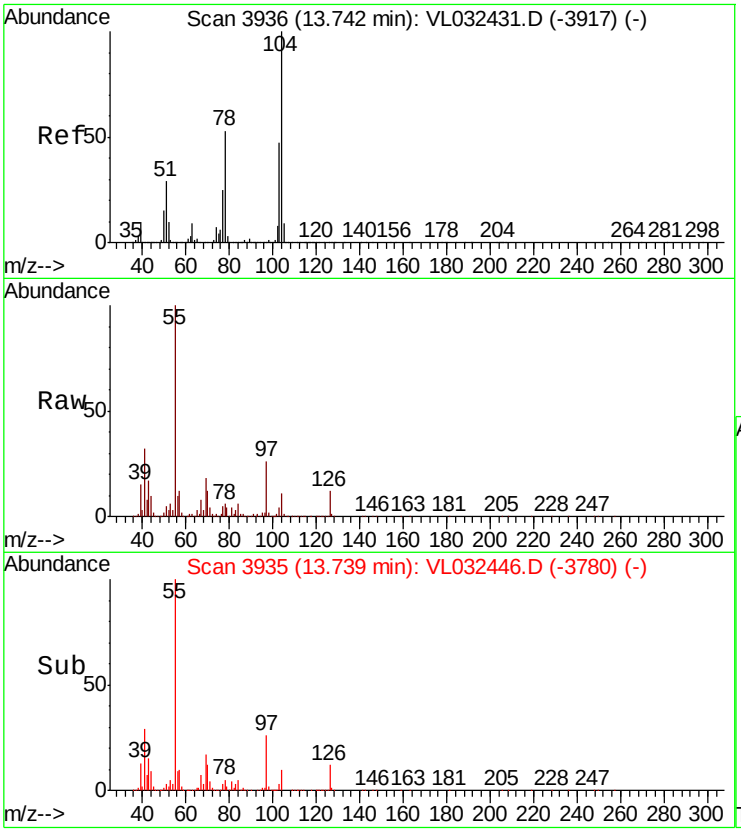


#60
o-Xylene
Concen: 3.778 ppbv
RT: 13.90 min Scan# 3986
Delta R.T. -0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 91 Resp: 1484631

Ion	Ratio	Lower	Upper
91	100		
106	45.0	21.9	65.7



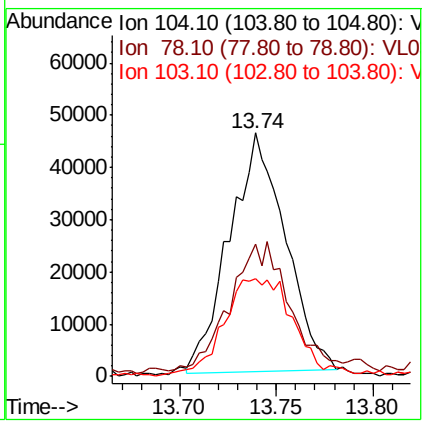


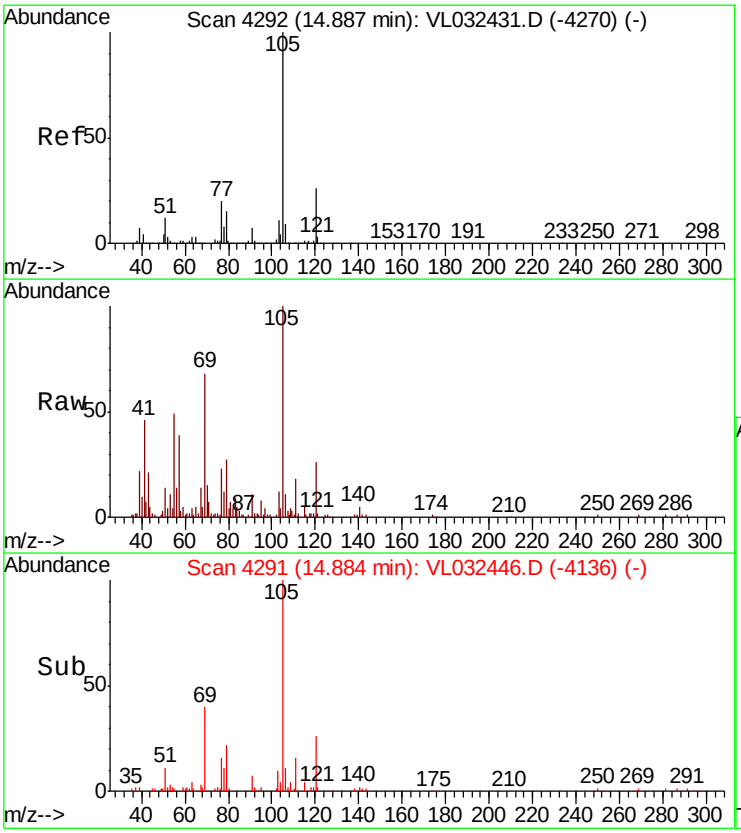
#61
Styrene
Concen: 0.363 ppbv
RT: 13.74 min Scan# 3935
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion:104 Resp: 92468

Ion	Ratio	Lower	Upper
104	100		
78	62.2	41.8	62.8
103	49.9	38.0	57.0

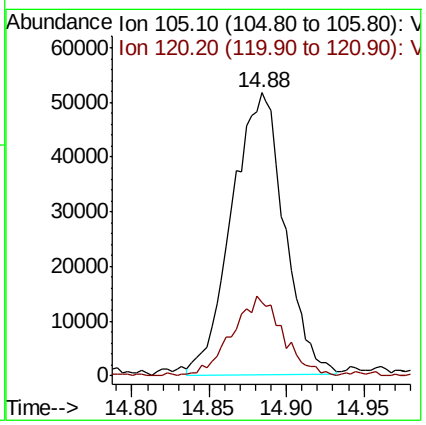


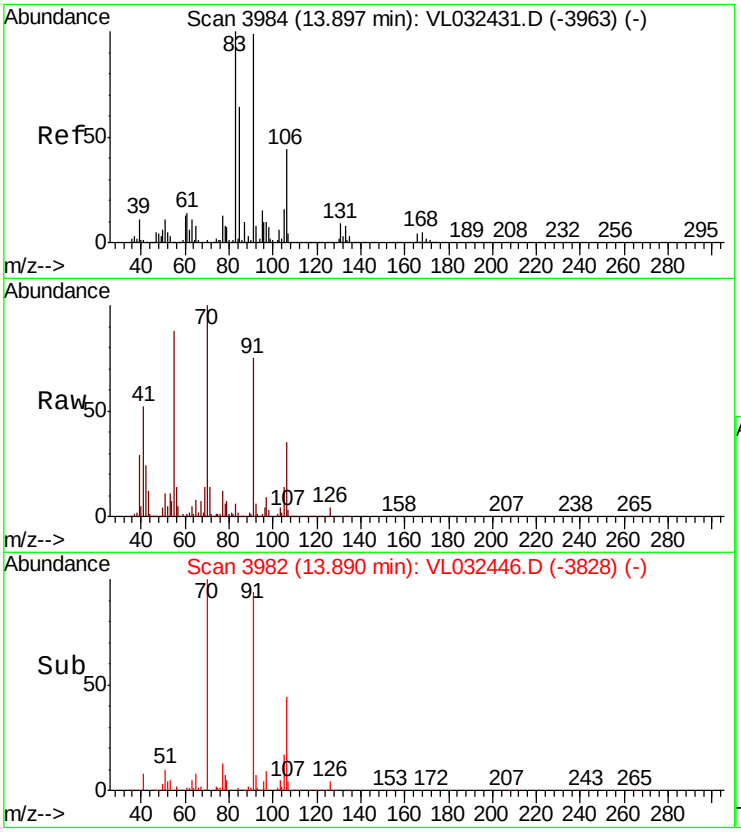


#62
Isopropylbenzene
Concen: 0.220 ppbv
RT: 14.88 min Scan# 4291
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:105 Resp: 121788

Ion	Ratio	Lower	Upper
105	100		
120	27.3	20.6	31.0



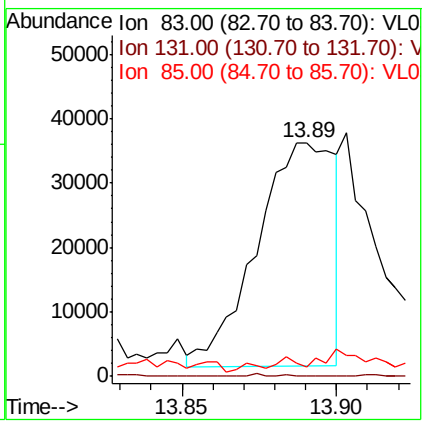


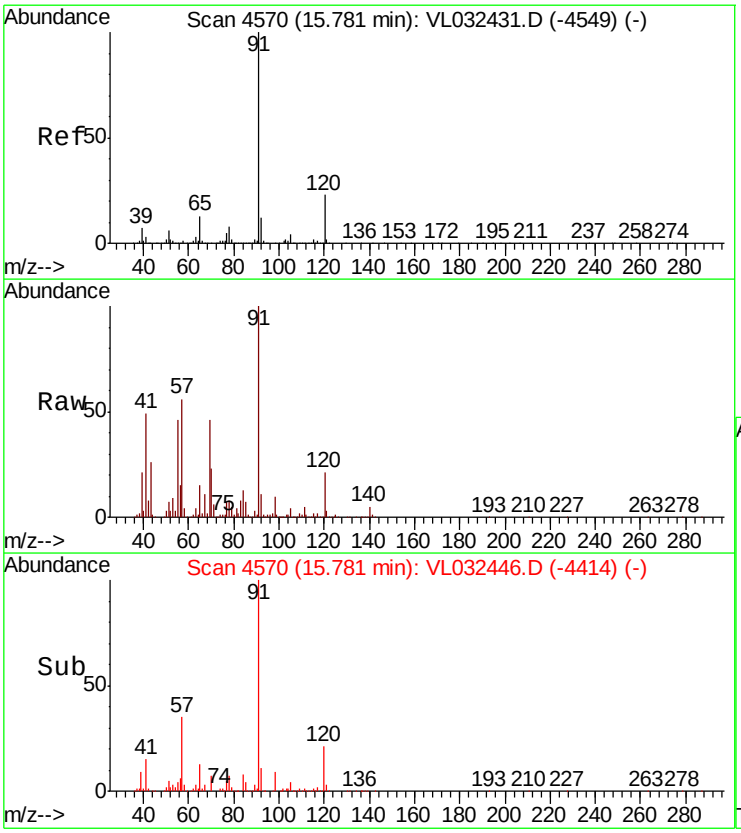
#63
1,1,2,2-Tetrachloroethane
Concen: 0.173 ppbv
RT: 13.89 min Scan# 3982
Delta R.T. -0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion: 83 Resp: 60684

Ion	Ratio	Lower	Upper
83	100		
131	0.3	4.3	12.8#
85	0.0	32.3	96.8#

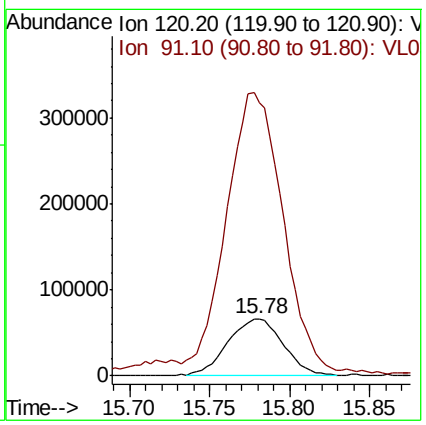


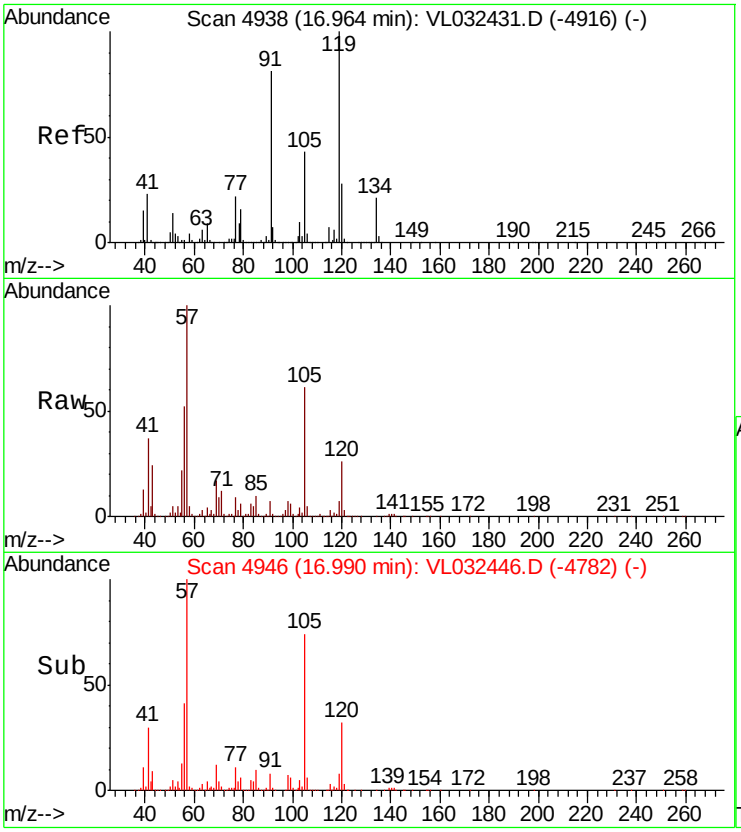


#64
n-propylbenzene
Concen: 1.052 ppbv
RT: 15.78 min Scan# 4570
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:120 Resp: 151948

Ion	Ratio	Lower	Upper
120	100		
91	542.4	381.8	572.6



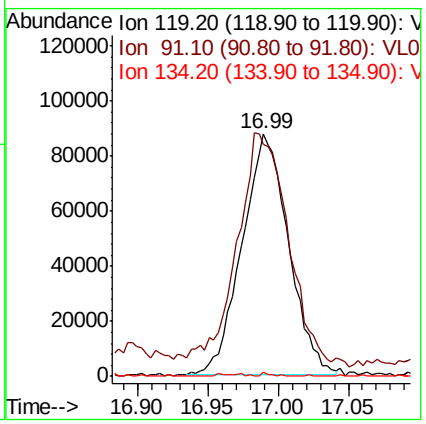


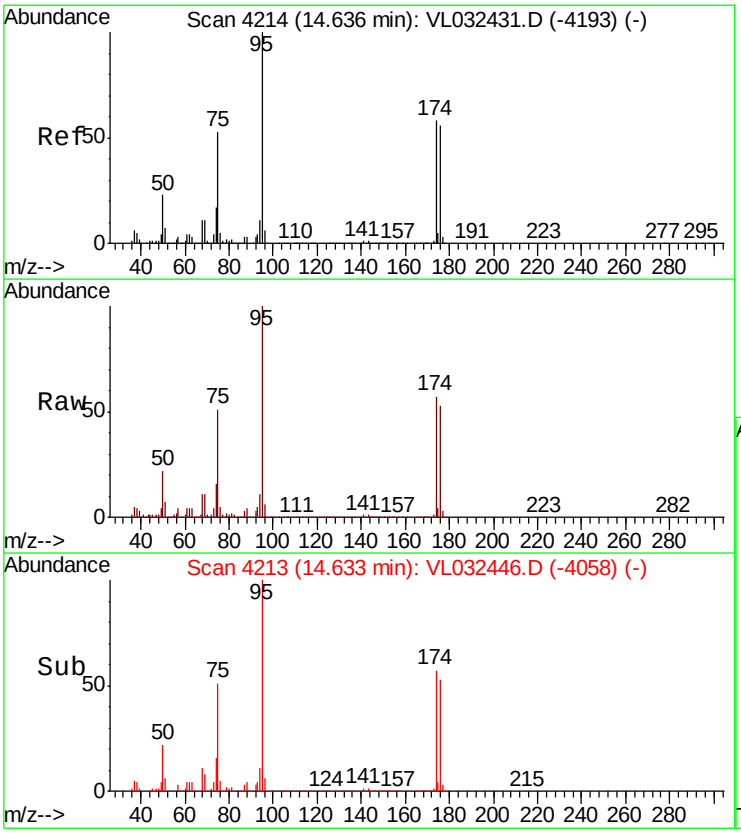
#65
tert-Butylbenzene
Concen: 0.426 ppbv
RT: 16.99 min Scan# 4946
Delta R.T. 0.03 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion:119 Resp: 202644

Ion	Ratio	Lower	Upper
119	100		
91	104.8	66.5	99.7#
134	0.9	16.0	24.0#

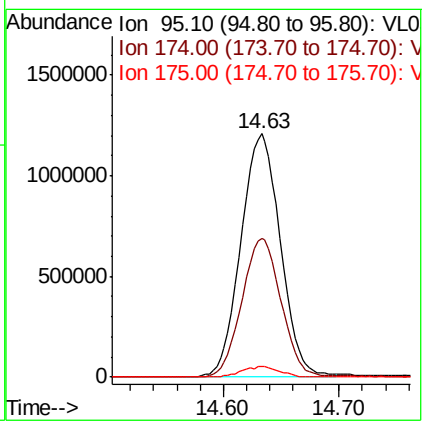


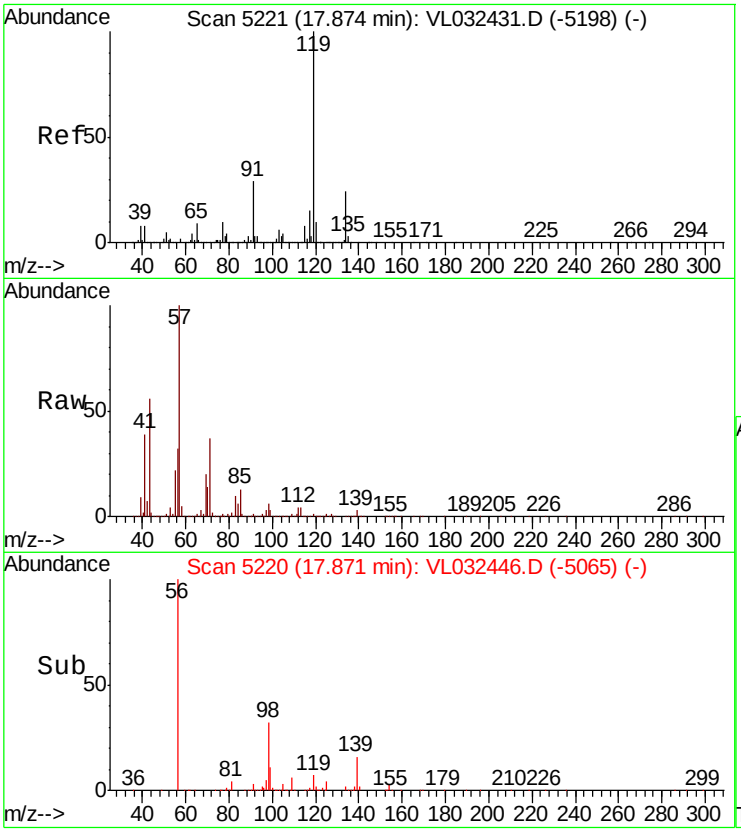


#68
1-Bromo-4-Fluorobenzene
Concen: 10.270 ppbv
RT: 14.63 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion: 95 Resp: 2859017

Ion	Ratio	Lower	Upper
95	100		
174	57.7	46.3	69.5
175	4.2	3.4	5.0



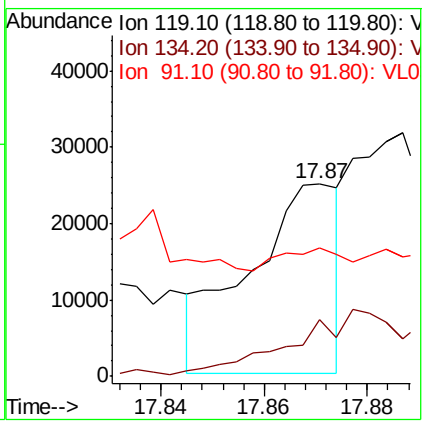


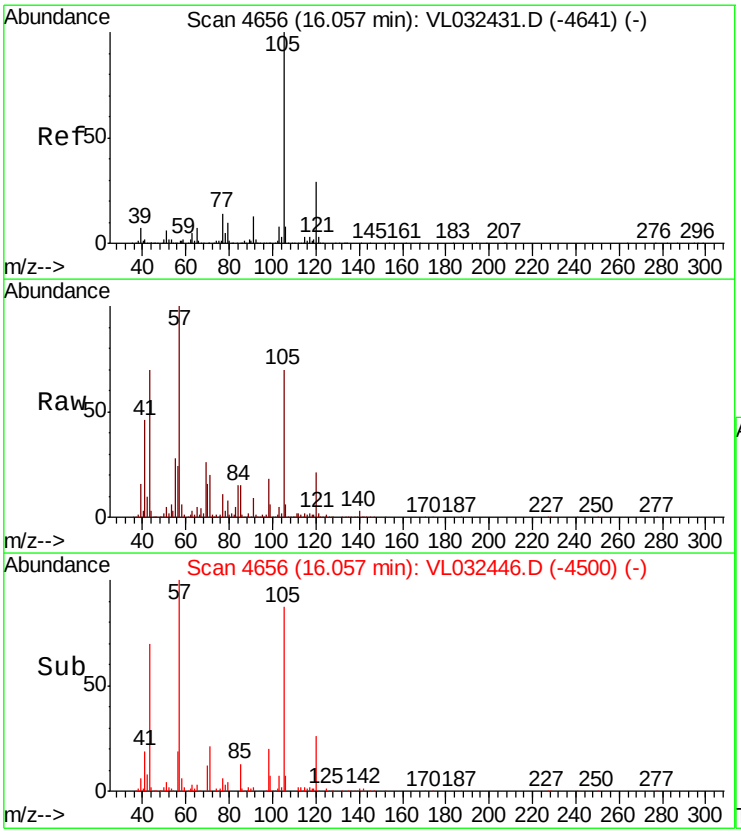
#69
p-Isopropyltoluene
Concen: 0.054 ppbv
RT: 17.87 min Scan# 5220
Delta R.T. -0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument :
MSVOA_L
ClientSampleId :
VP-08

Tgt Ion:119 Resp: 30169

Ion	Ratio	Lower	Upper
119	100		
134	63.2	20.4	30.6#
91	61.6	23.4	35.2#

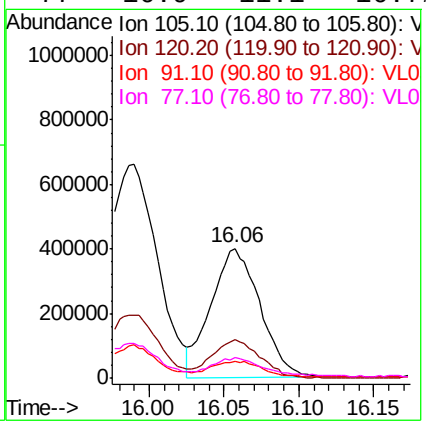


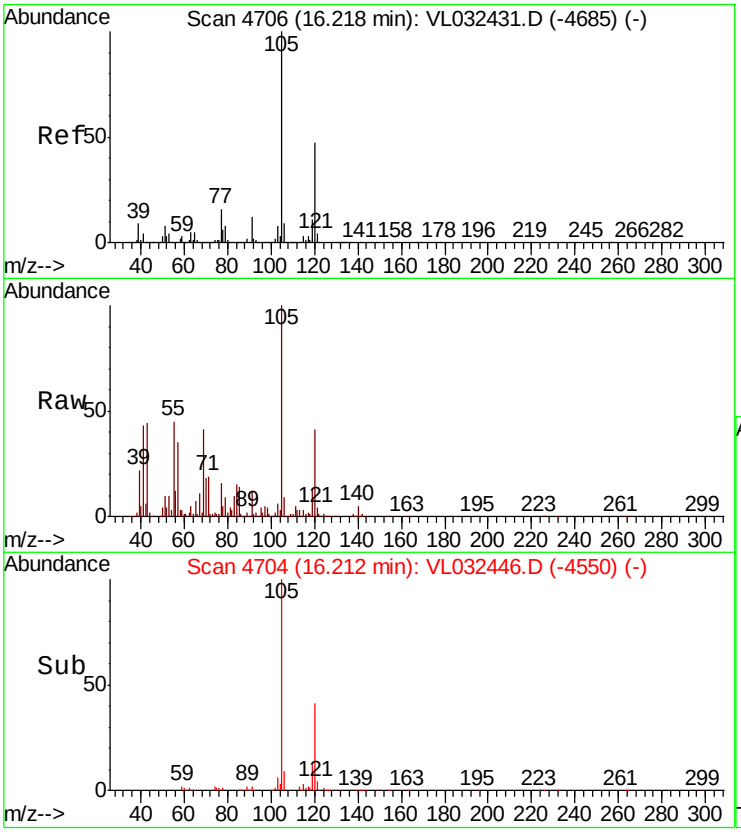


#72
4-Ethyltoluene
Concen: 2.125 ppbv
RT: 16.06 min Scan# 4656
Delta R.T. 0.00 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:105 Resp: 911634

Ion	Ratio	Lower	Upper
105	100		
120	29.7	23.5	35.3
91	12.7	10.2	15.2
77	16.9	11.1	16.7#



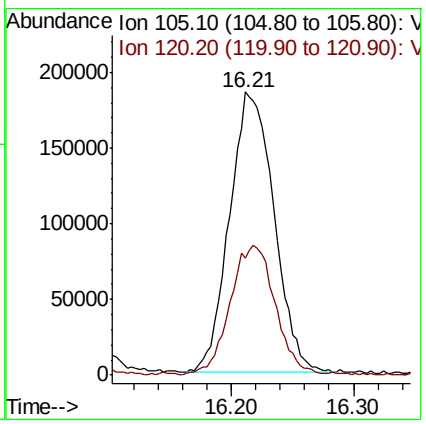


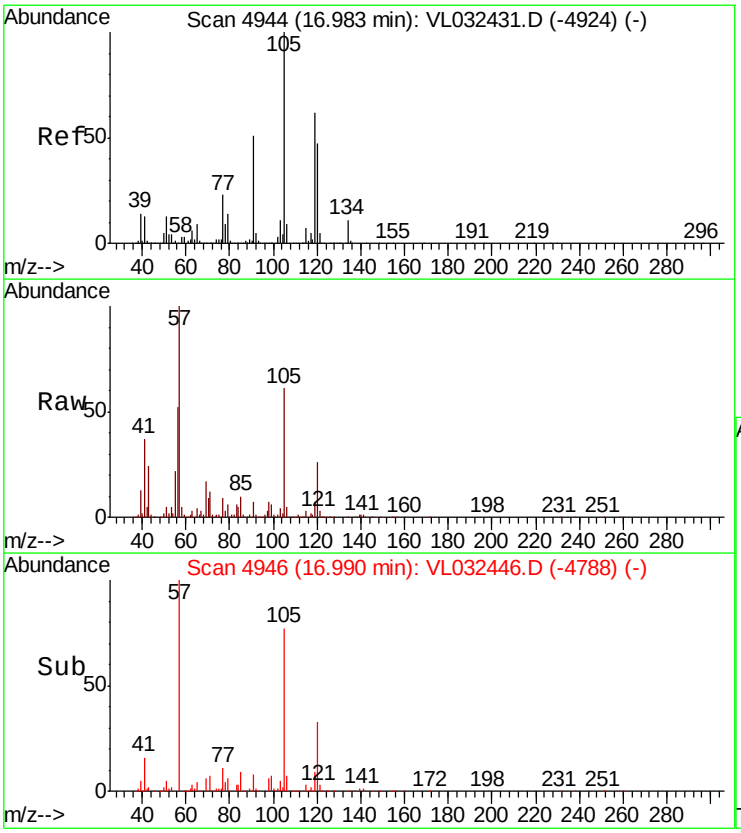
#73
1,3,5-Trimethylbenzene
Concen: 1.087 ppbv
RT: 16.21 min Scan# 4704
Delta R.T. -0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument :
MSVOA_L
ClientSampleId :
VP-08

Tgt Ion:105 Resp: 467112

Ion	Ratio	Lower	Upper
105	100		
120	41.2	37.9	56.9

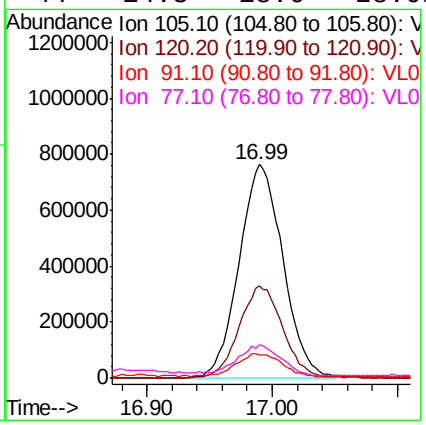


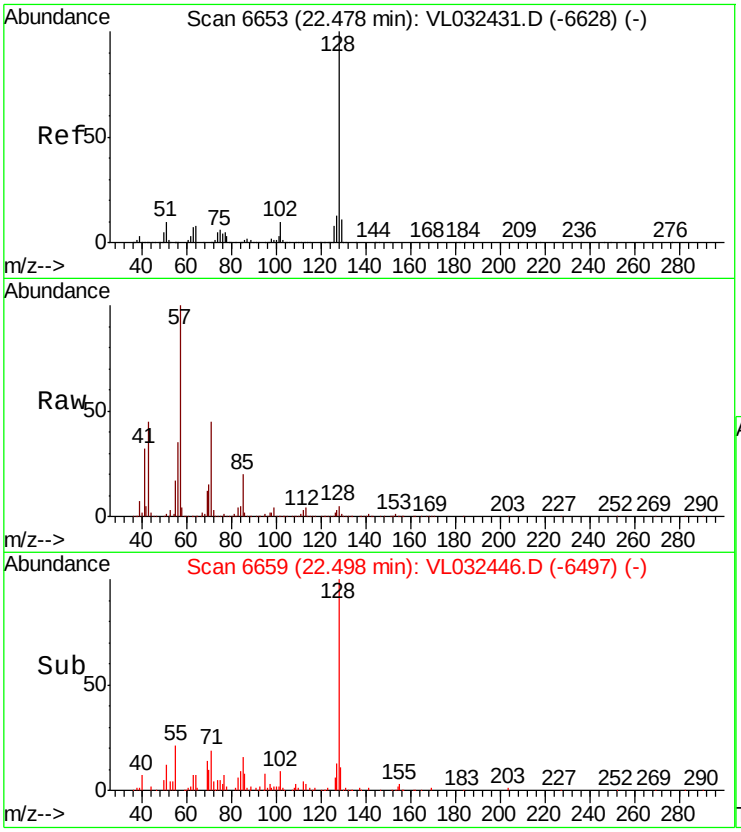


#74
1,2,4-Trimethylbenzene
Concen: 3.935 ppbv
RT: 16.99 min Scan# 4946
Delta R.T. 0.01 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:105 Resp: 1849109

Ion	Ratio	Lower	Upper
105	100		
120	43.1	37.8	56.8
91	10.6	41.4	62.0#
77	14.3	18.6	28.0#



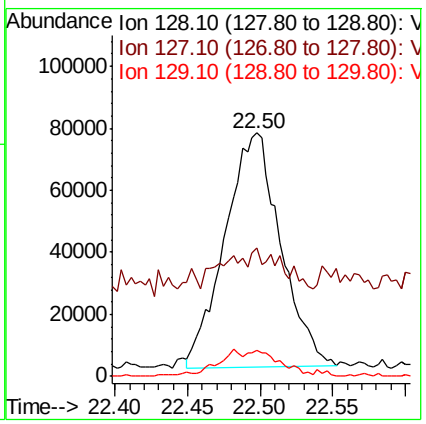


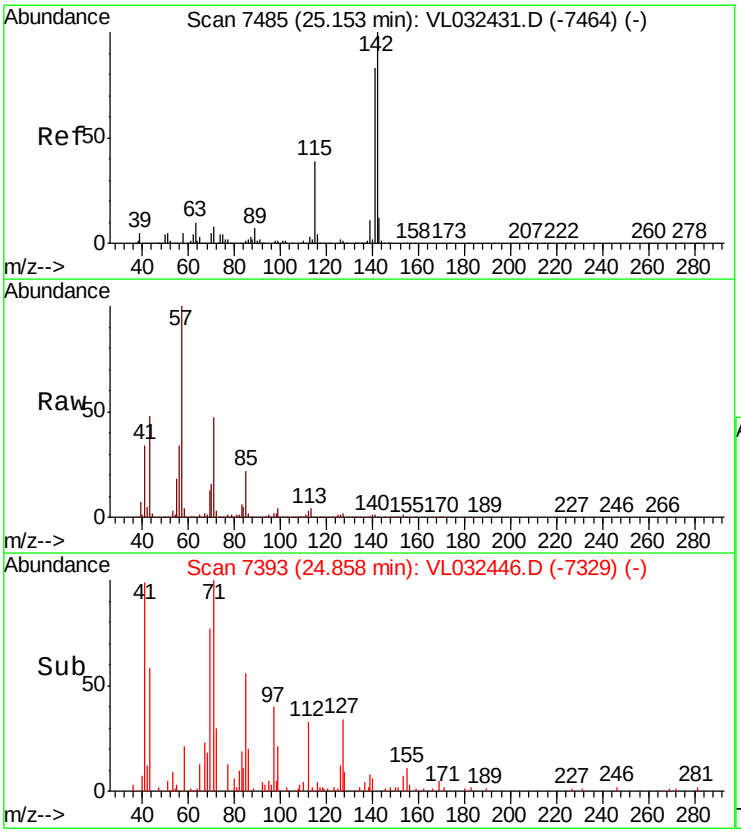
#79
Naphthalene
Concen: 0.528 ppbv
RT: 22.50 min Scan# 6659
Delta R.T. 0.02 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Instrument : MSVOA_L
ClientSampleId : VP-08

Tgt Ion:128 Resp: 201938

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.2
129	10.8	8.5	12.7





#80
Naphthalene,2-methyl-
Concen: 0.051 ppbv
RT: 24.86 min Scan# 7393
Delta R.T. -0.30 min
Lab File: VL032446.D
Acq: 31 Aug 2018 18:25

Tgt Ion:142 Resp: 5177

Ion	Ratio	Lower	Upper
142	100		
141	96.5	67.0	100.6
115	32.7	31.3	46.9