Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090518\
Data File : VL032473.D
Acq On : 6 Sep 2018 2:32
Operator : SY/AP
Sample : J4745-01 4X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-6

Quant Time: Sep 06 05:02:56 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	1543141	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.34	114	3136115	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.30	117	3264709	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	2545816	10.50	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	25099	0.127	ppbv		88
3) Chlorodifluoromethane	3.04	51	17646	0.126	ppbv		94
4) Chloromethane	3.20	50	11389	0.135	ppbv		94
9) Propene	3.27	41	1070043	18.990	ppbv		95
10) Heptane	8.30	43	1070361	5.295	ppbv		98
11) Trichlorofluoromethane	4.04	101	43852	0.246	ppbv	#	82
13) Ethanol	3.69	45	1048860	59.716	ppbv		98
15) Acetone	3.93	43	2695792	19.399	ppbv	#	47
16) 1,3-Butadiene	3.37	39	648398	9.916	ppbv	#	16
17) tert-Butyl alcohol	4.40	59	1437228	67.207	ppbv	#	100
19) Isopropyl Alcohol	4.07	45	130986	1.437	ppbv	#	1
20) Methylene Chloride	4.45	84	85487	1.613	ppbv	#	92
21) Allyl Chloride	4.47	41	63944	0.693	ppbv	#	1
23) Vinyl Acetate	5.18	43	428313	1.859	ppbv	#	1
25) Ethyl Acetate	5.82	43	1231986	3.754	ppbv	#	78
26) Hexane	5.82	57	1697558	11.553	ppbv	#	45
27) Carbon Disulfide	4.66	76	98009	0.723	ppbv	#	90
28) Methyl tert-Butyl Ether	5.15	73	8873	0.049	ppbv	#	51
30) Cyclohexane	7.29	84	87082	0.809	ppbv	#	53
34) 2-Butanone	5.37	43	2191926	10.522	ppbv		100
36) Benzene	7.05	78	663118	2.485	ppbv		97
39) 1,2-Dichloropropane	7.34	63	825672	7.231	ppbv	#	26
41) Tetrahydrofuran	6.19	42	194929	1.719	ppbv		98
42) Bromodichloromethane	7.96	83	13171	0.058	ppbv	#	24
43) Methyl Methacrylate	8.18	69	5065	0.045	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.04	57	489173	0.948	ppbv	#	74
50) 4-Methyl-2-Pentanone	8.93	43	962899	3.069	ppbv		98
51) 2-Hexanone	10.34	43	1657120	8.199	ppbv	#	91
52) Tetrachloroethene	11.43	164	120731	1.459	ppbv		96
53) Toluene	10.00	91	1641890	5.886	ppbv		99
58) Ethyl Benzene	12.93	91	429926	1.100	ppbv		95
59) m/p-Xylene	13.19	91	975767	2.801	ppbv		99
60) o-Xylene	13.92	91	402002	1.175	ppbv		97
61) Styrene	13.75	104	62400	0.282	ppbv		94
62) Isopropylbenzene	14.89	105	73049	0.152	ppbv		100
63) 1,1,2,2-Tetrachloroethane	14.01	83	408335	1.335	ppbv	#	41
64) n-propylbenzene	15.99	120	91827	0.730	ppbv		82
65) tert-Butylbenzene	17.18	119	32653	0.079	ppbv		87
67) sec-Butylbenzene	17.53	105	106964	0.172	ppbv		100
69) p-Isopropyltoluene	17.87	119	343654	0.711	ppbv		96
70) n-Butylbenzene	18.78	91	57101	0.104	ppbv	#	48

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090518\
Data File : VL032473.D
Acq On : 6 Sep 2018 2:32
Operator : SY/AP
Sample : J4745-01 4X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-6

Quant Time: Sep 06 05:02:56 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)
71) 2-Chlorotoluene	15.99	91	234835	0.639	ppbv		72
72) 4-Ethyltoluene	16.07	105	230498	0.617	ppbv	#	62
73) 1,3,5-Trimethylbenzene	16.22	105	234279	0.626	ppbv		91
74) 1,2,4-Trimethylbenzene	16.99	105	713867	1.745	ppbv	#	71
79) Naphthalene	22.49	128	18828	0.057	ppbv		96
80) Naphthalene,2-methyl-	25.16	142	20018	0.226	ppbv	#	88

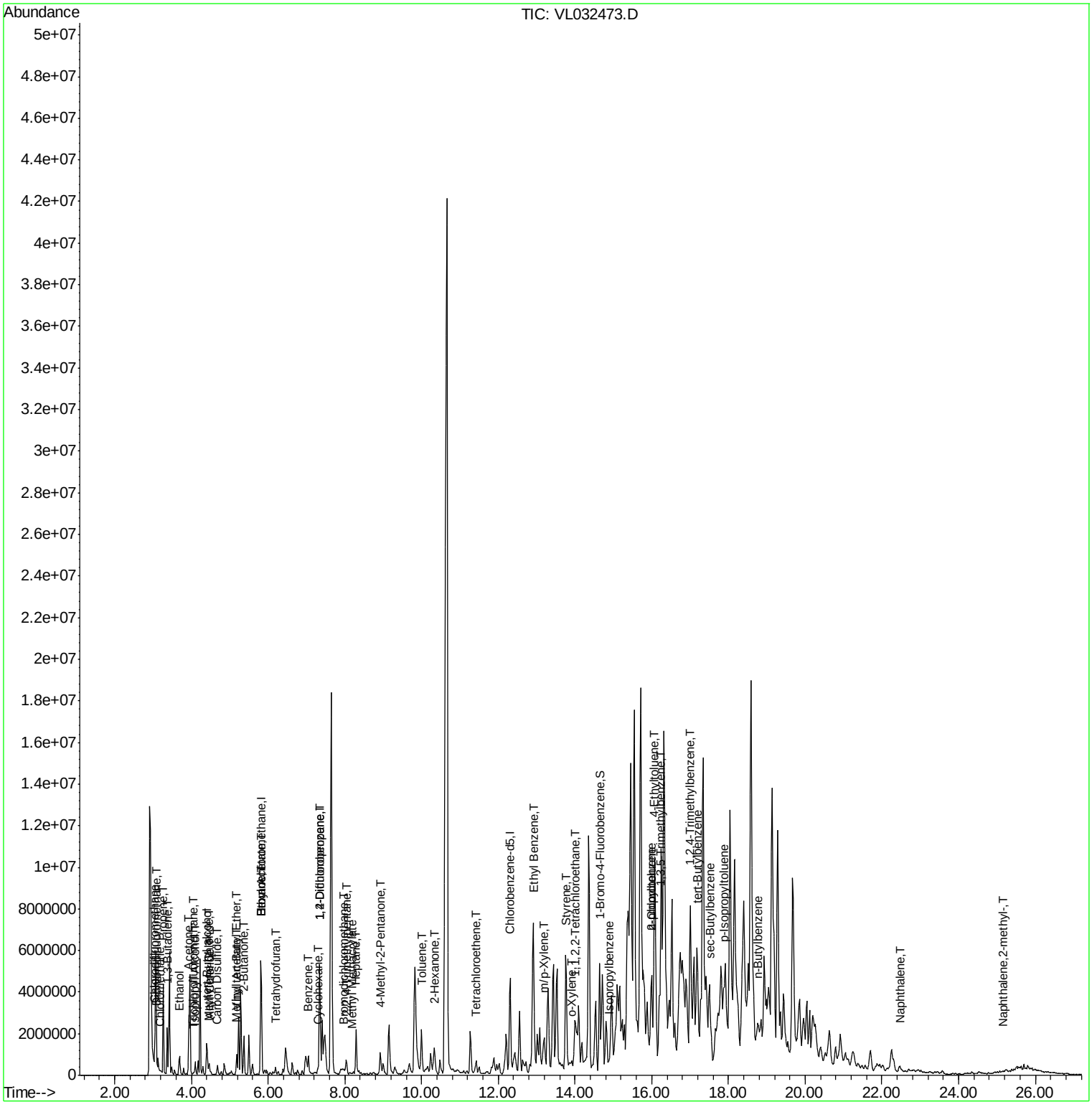
(#) = qualifier out of range (m) = manual integration (+) = signals summed

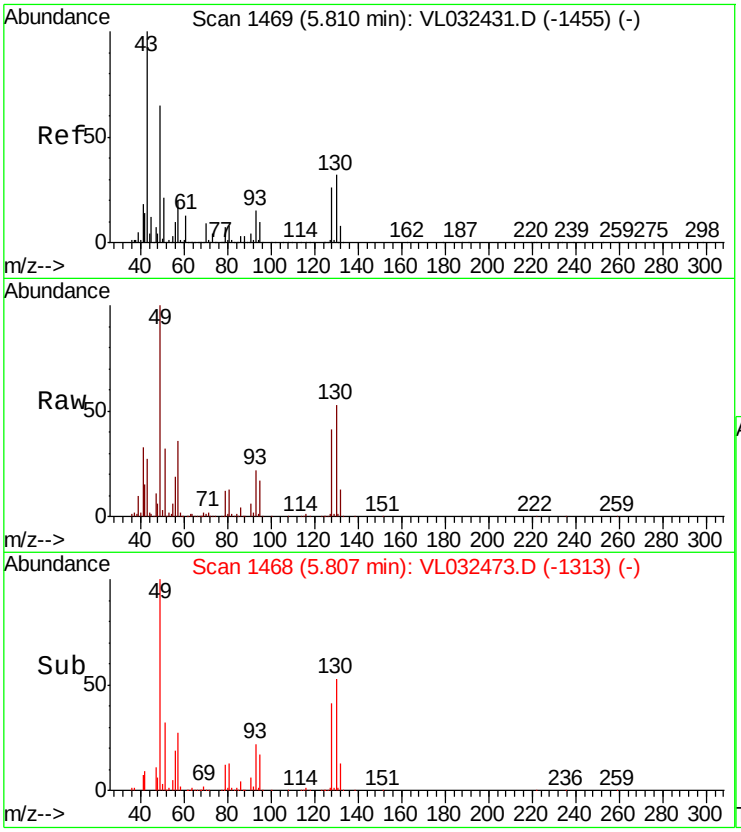
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090518\
Data File : VL032473.D
Acq On : 6 Sep 2018 2:32
Operator : SY/AP
Sample : J4745-01 4X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-6

Quant Time: Sep 06 05:02:56 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



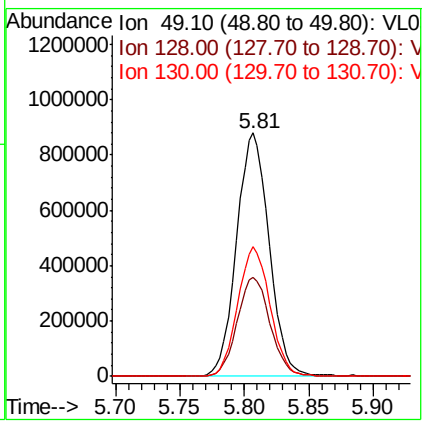


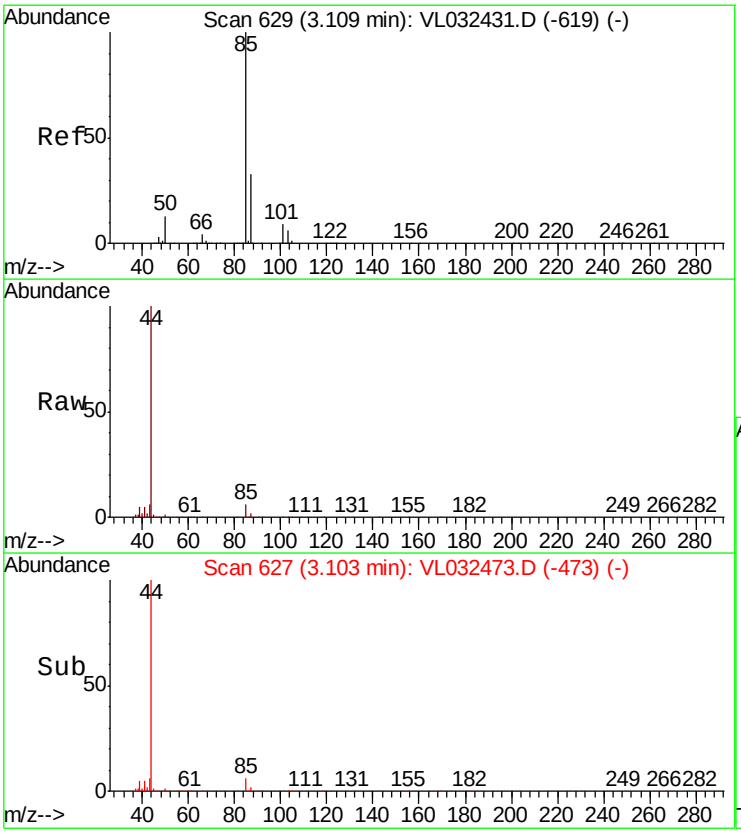
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.81 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion: 49 Resp: 1543141

Ion	Ratio	Lower	Upper
49	100		
128	41.3	20.7	62.1
130	53.1	26.6	79.7

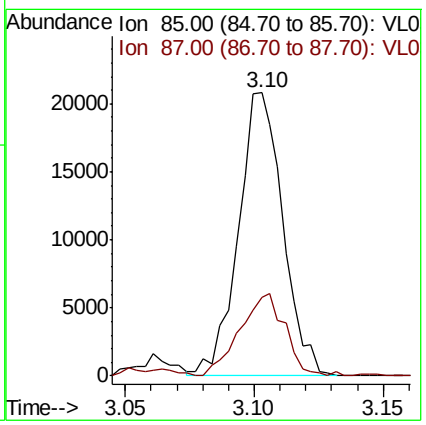


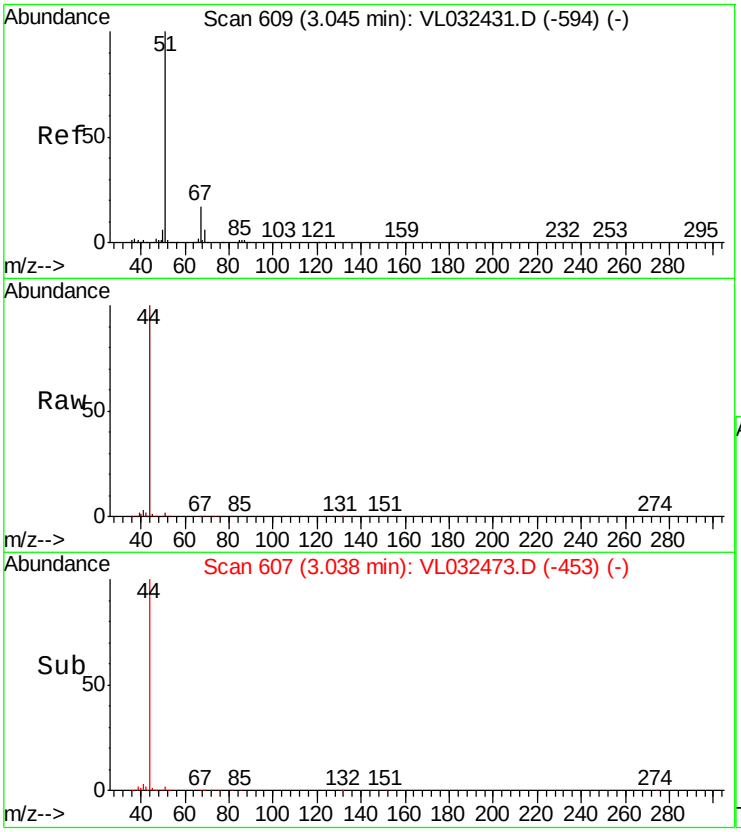


#2
Dichlorodifluoromethane
Concen: 0.127 ppbv
RT: 3.10 min Scan# 627
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 85 Resp: 25099

Ion	Ratio	Lower	Upper
85	100		
87	26.3	26.2	39.4



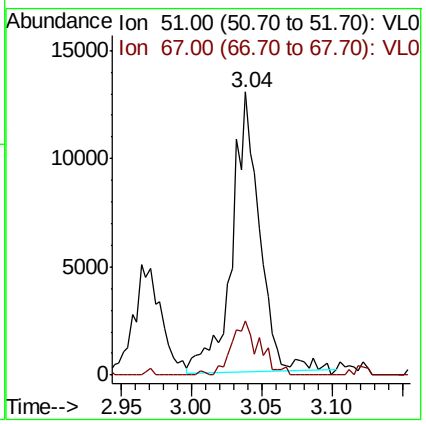


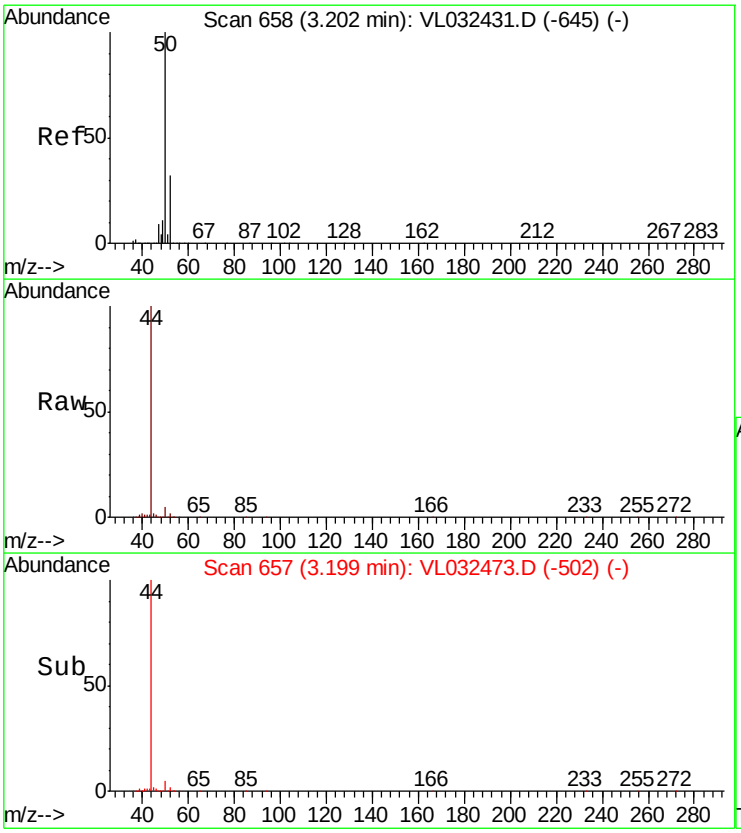
#3
Chlorodifluoromethane
Concen: 0.126 ppbv
RT: 3.04 min Scan# 607
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 51 Resp: 17646

Ion	Ratio	Lower	Upper
51	100		
67	19.9	13.8	20.8

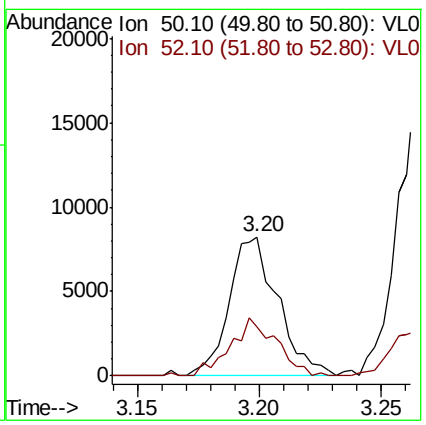


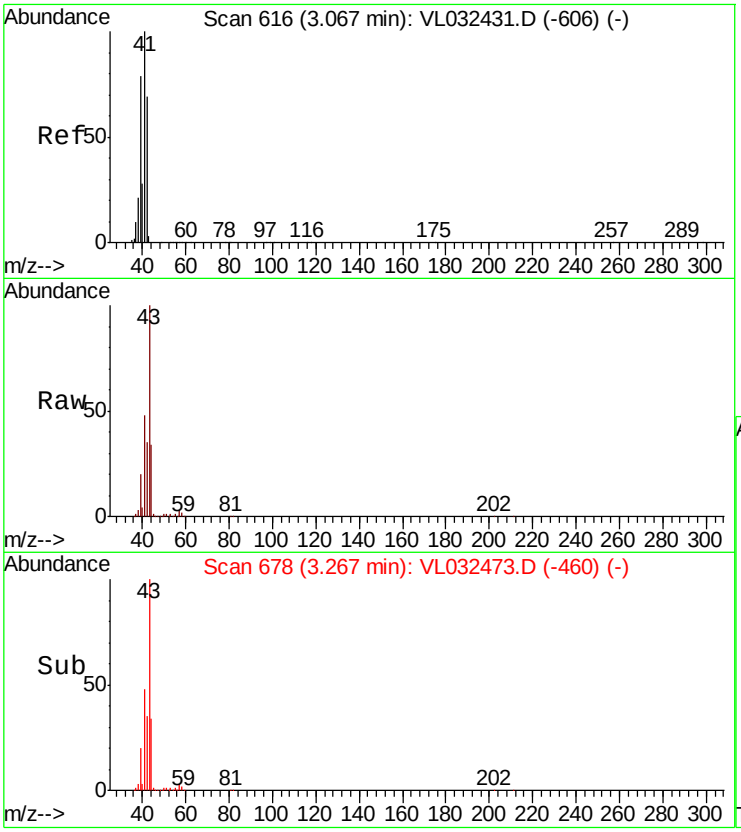


#4
Chloromethane
Concen: 0.135 ppbv
RT: 3.20 min Scan# 657
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 50 Resp: 11389

Ion	Ratio	Lower	Upper
50	100		
52	35.4	25.6	38.4



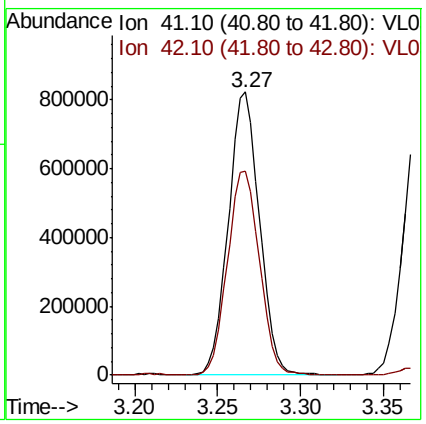


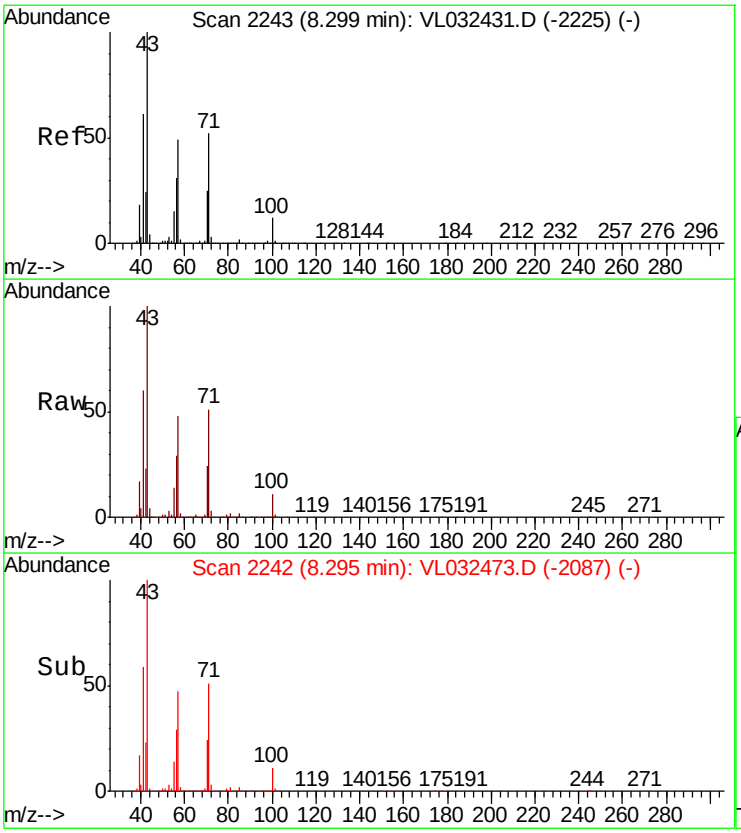
#9
Propene
Concen: 18.990 ppbv
RT: 3.27 min Scan# 678
Delta R.T. 0.20 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion: 41 Resp: 1070043

Ion	Ratio	Lower	Upper
41	100		
42	74.6	56.6	84.8

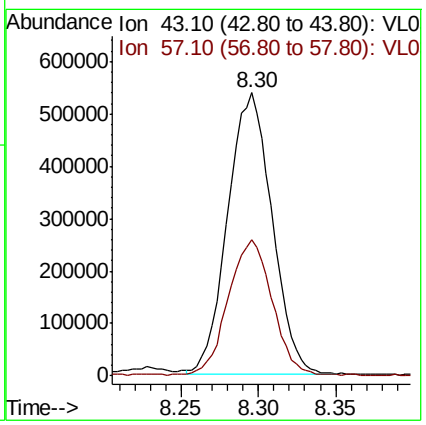


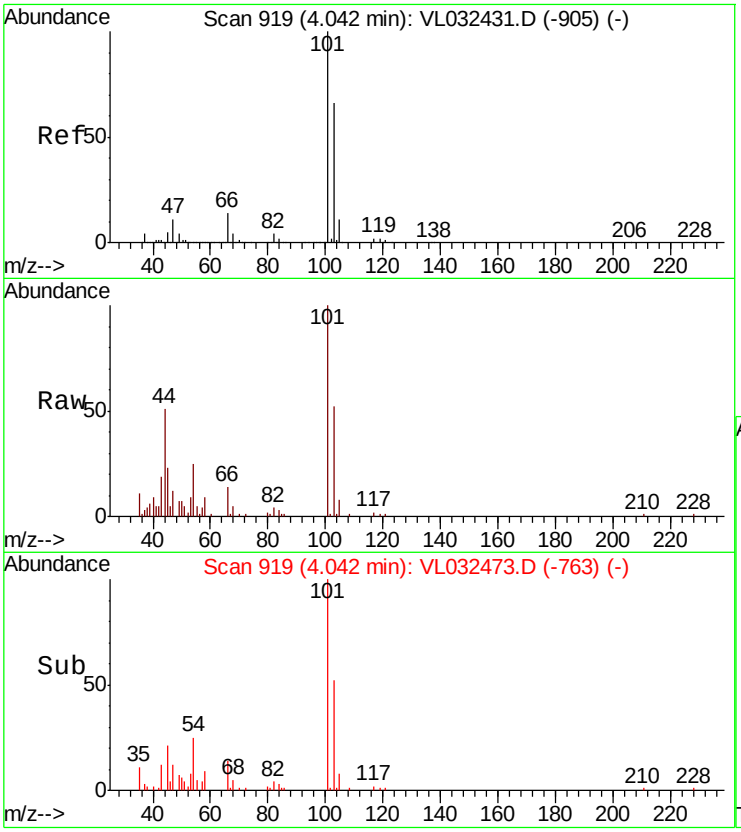


#10
Heptane
Concen: 5.295 ppbv
RT: 8.30 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 43 Resp: 1070361

Ion	Ratio	Lower	Upper
43	100		
57	48.1	39.6	59.4



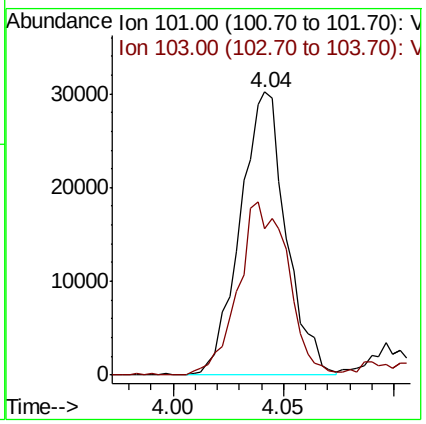


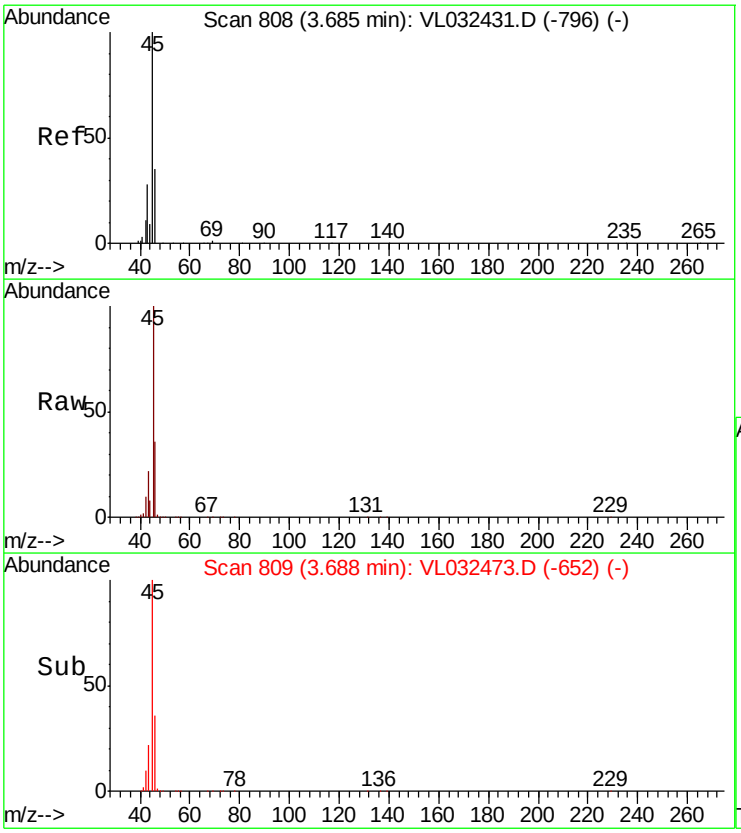
#11
Trichlorofluoromethane
Concen: 0.246 ppbv
RT: 4.04 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion:101 Resp: 43852

Ion	Ratio	Lower	Upper
101	100		
103	51.6	52.8	79.2#

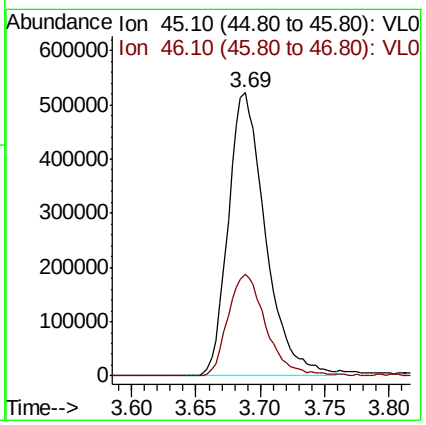


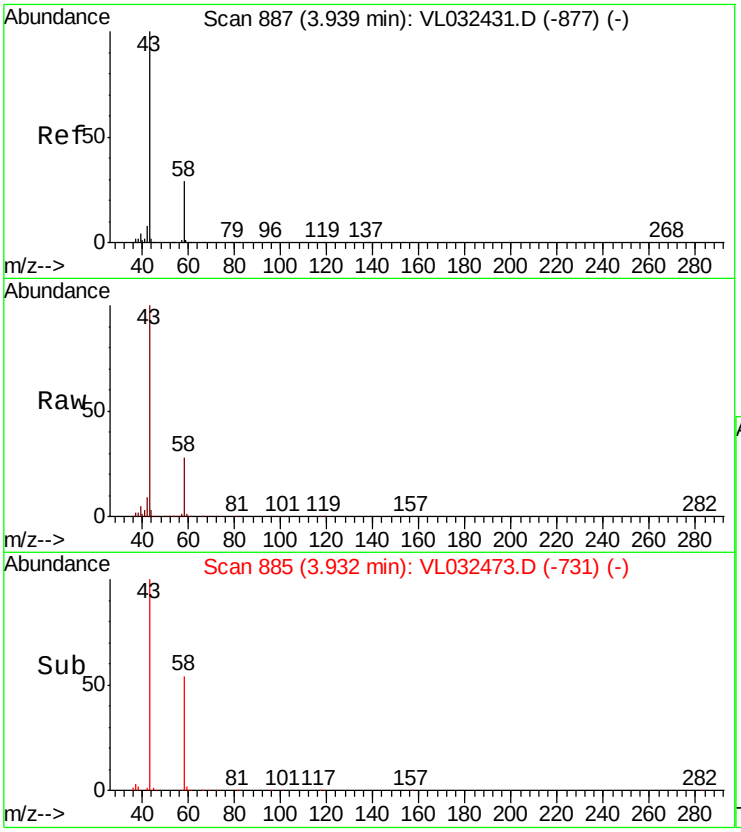


#13
Ethanol
Concen: 59.716 ppbv
RT: 3.69 min Scan# 809
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 45 Resp: 1048860

Ion	Ratio	Lower	Upper
45	100		
46	36.7	14.2	56.8



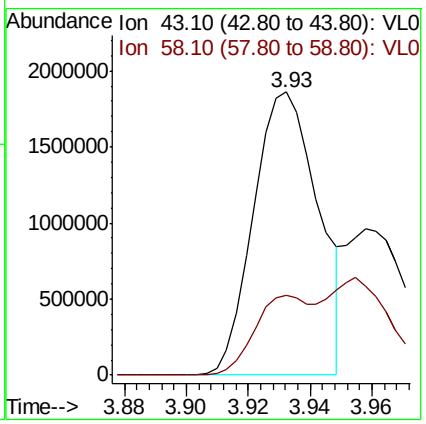


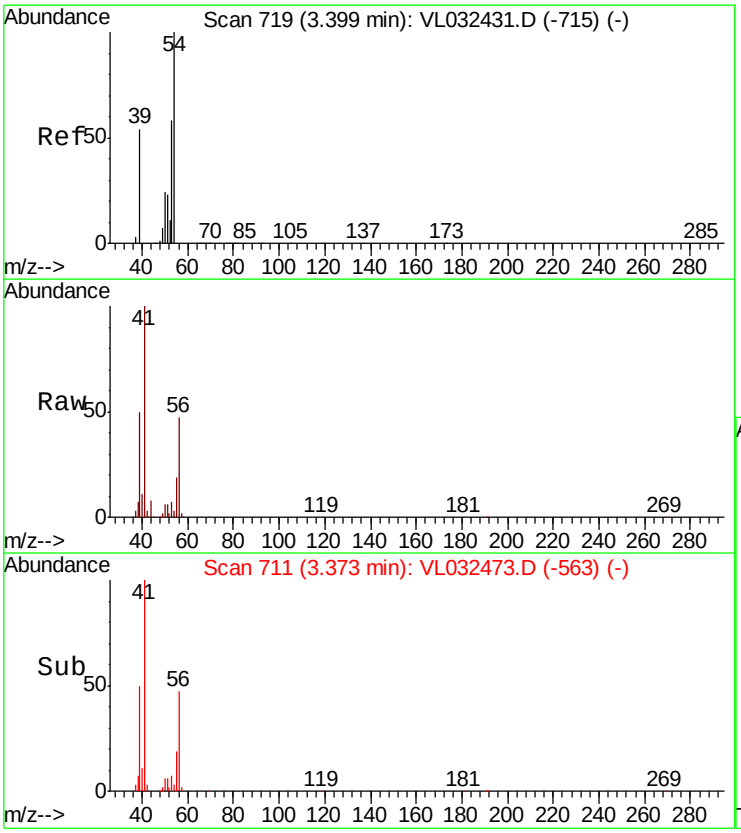
#15
Acetone
Concen: 19.399 ppbv
RT: 3.93 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion: 43 Resp: 2695792

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.6	33.8#

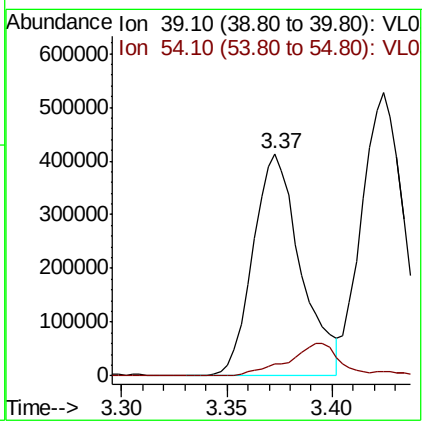


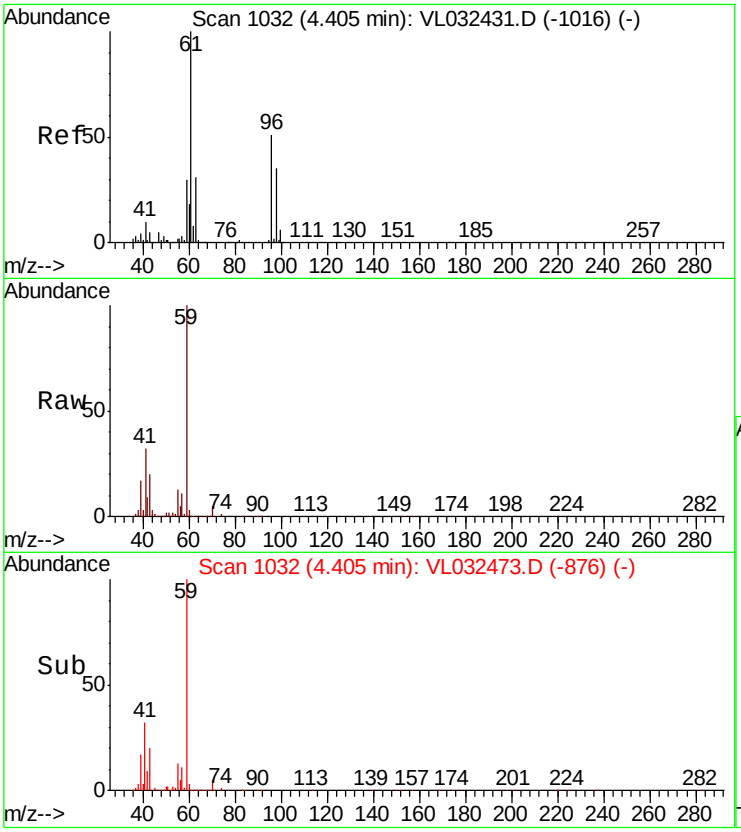


#16
1,3-Butadiene
Concen: 9.916 ppbv
RT: 3.37 min Scan# 711
Delta R.T. -0.03 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 39 Resp: 648398

Ion	Ratio	Lower	Upper
39	100		
54	16.9	80.8	121.2#



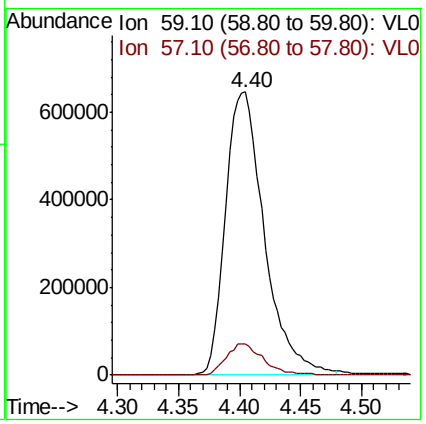


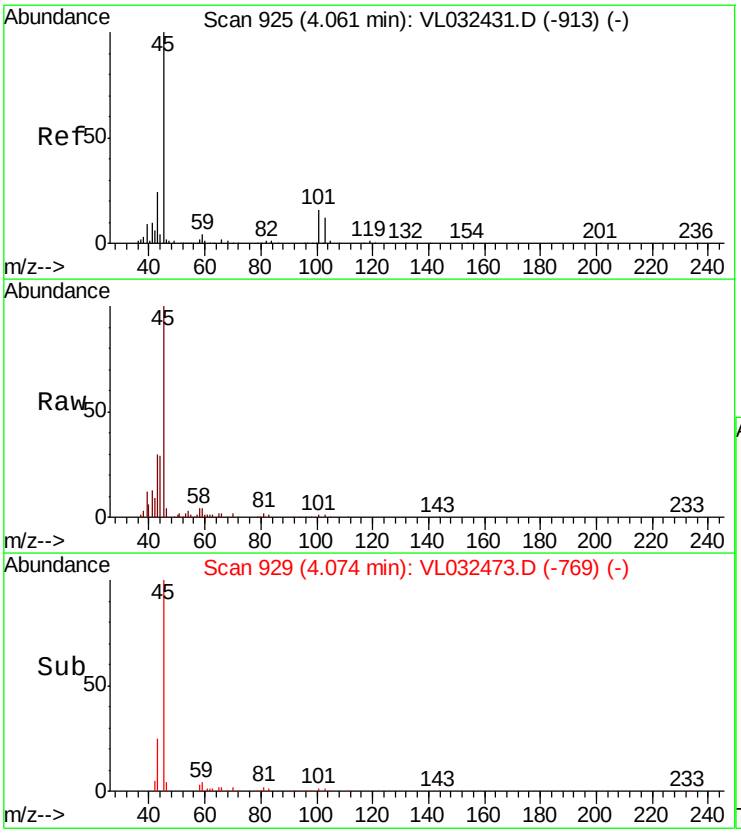
#17
tert-Butyl alcohol
Concen: 67.207 ppbv
RT: 4.40 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion: 59 Resp: 1437228

Ion	Ratio	Lower	Upper
59	100		
57	10.9	0.0	0.0#

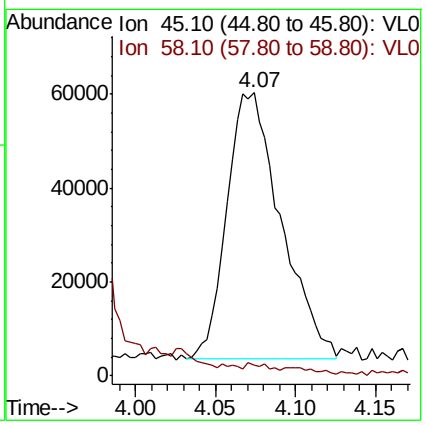


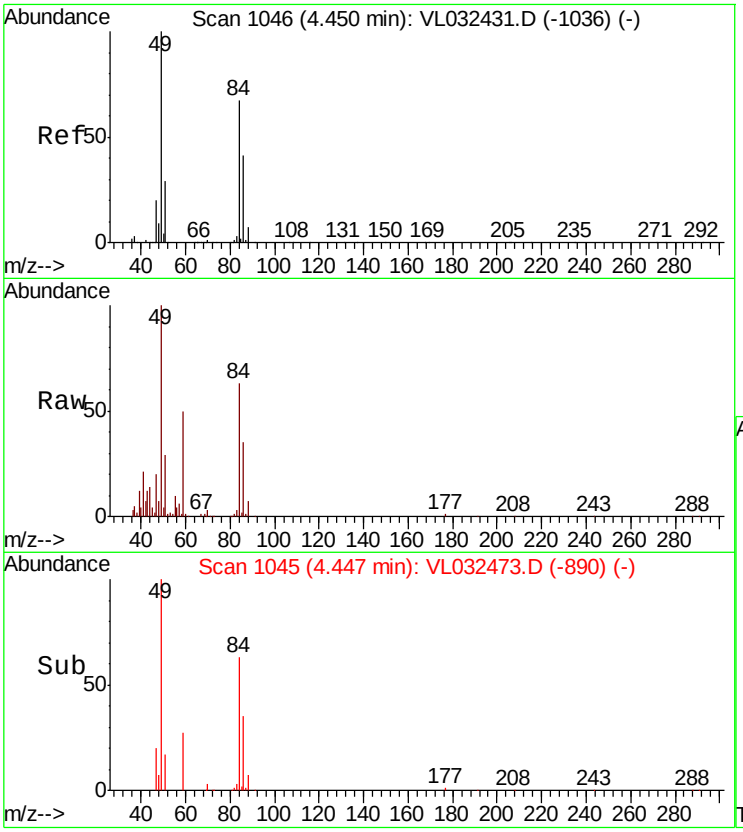


#19
Isopropyl Alcohol
Concen: 1.437 ppbv
RT: 4.07 min Scan# 929
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 45 Resp: 130986

Ion	Ratio	Lower	Upper
45	100		
58	1223.7	2.0	3.0#



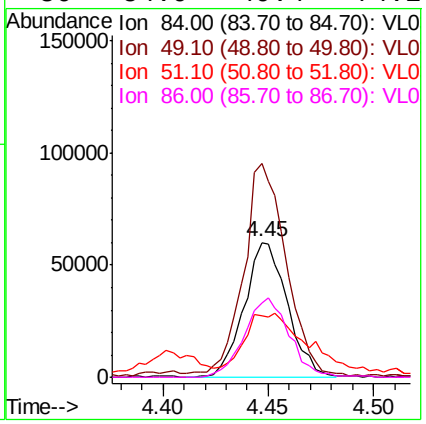


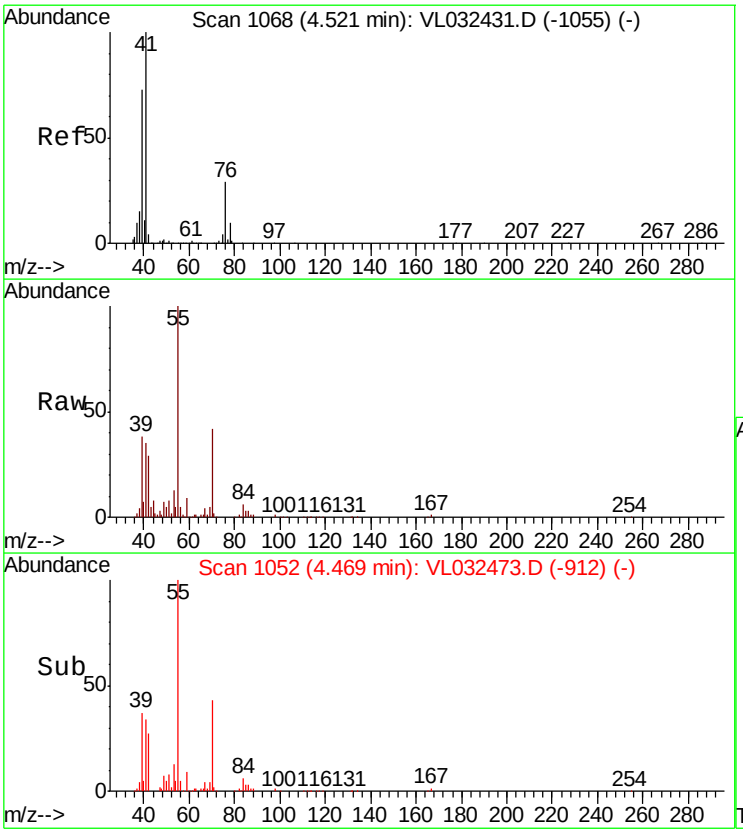
#20
Methylene Chloride
Concen: 1.613 ppbv
RT: 4.45 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 84 Resp: 85487

Ion	Ratio	Lower	Upper
84	100		
49	156.4	119.1	178.7
51	34.1	35.2	52.8#
86	54.9	49.4	74.2

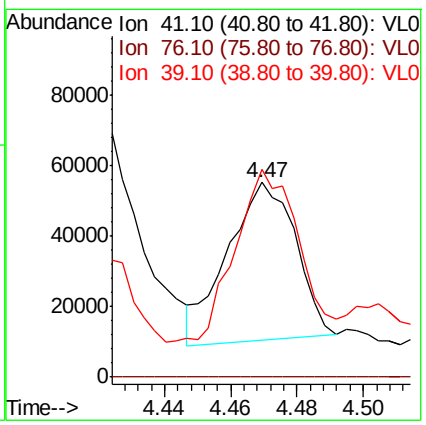


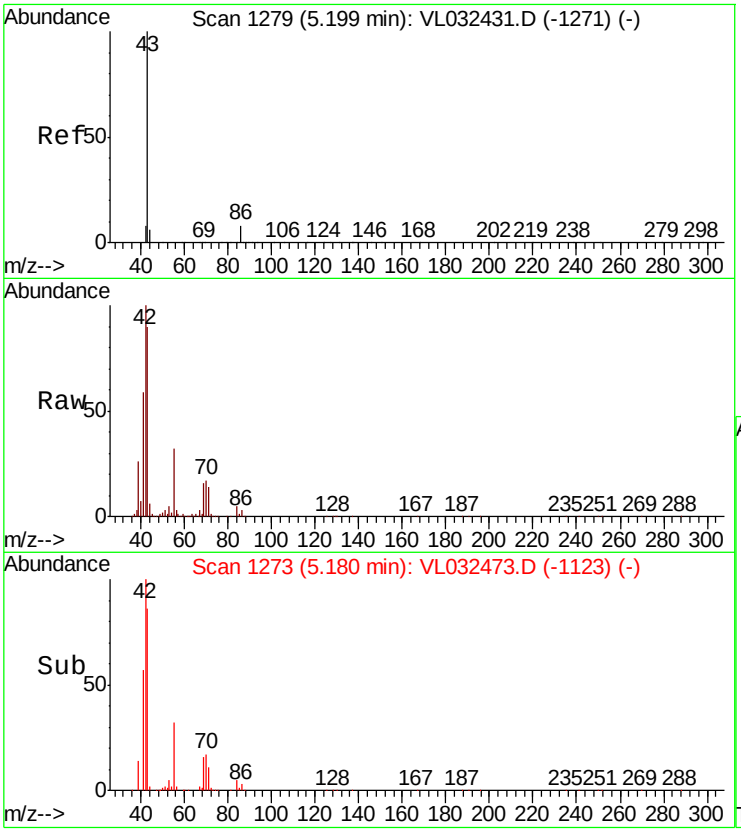


#21
Allyl Chloride
Concen: 0.693 ppbv
RT: 4.47 min Scan# 1052
Delta R.T. -0.05 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 41 Resp: 63944

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	181.8	57.7	86.5#



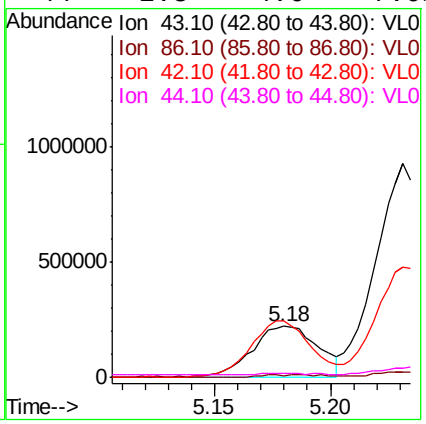


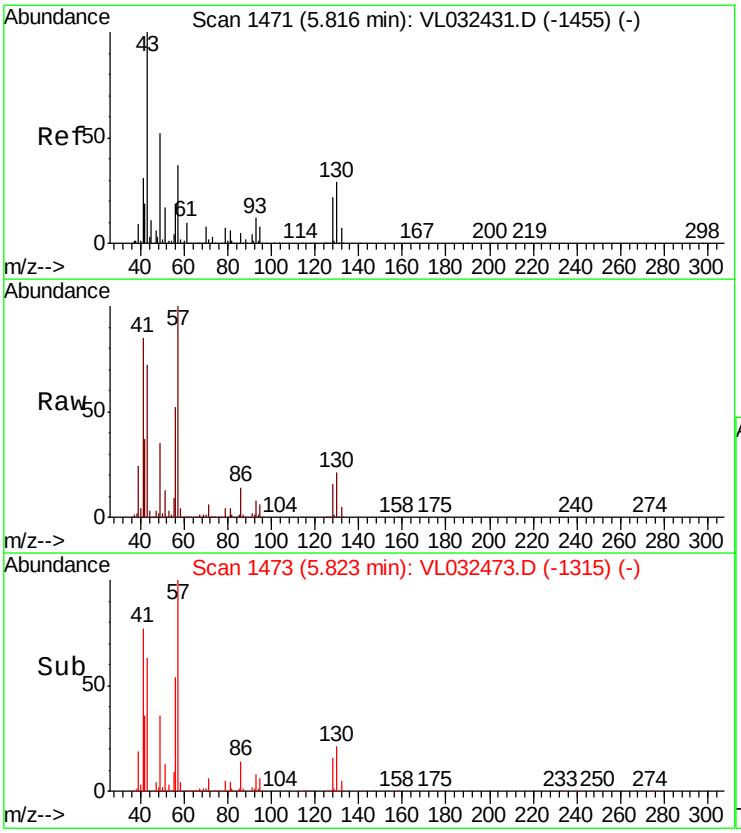
#23
Vinyl Acetate
Concen: 1.859 ppbv
RT: 5.18 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 43 Resp: 428313

Ion	Ratio	Lower	Upper
43	100		
86	3.6	5.9	8.9#
42	111.4	6.9	10.3#
44	2.3	4.6	7.0#

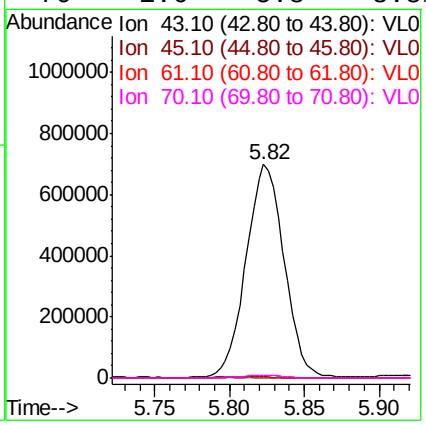


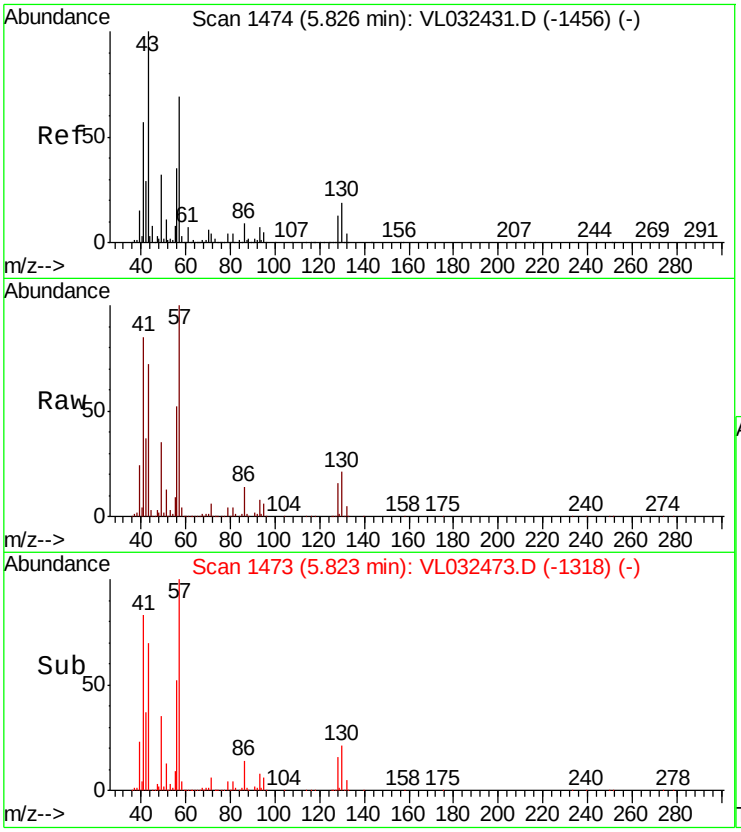


#25
Ethyl Acetate
Concen: 3.754 ppbv
RT: 5.82 min Scan# 1473
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 43 Resp: 1231986

Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.0	12.0#
61	0.4	7.6	11.4#
70	1.6	5.8	8.8#



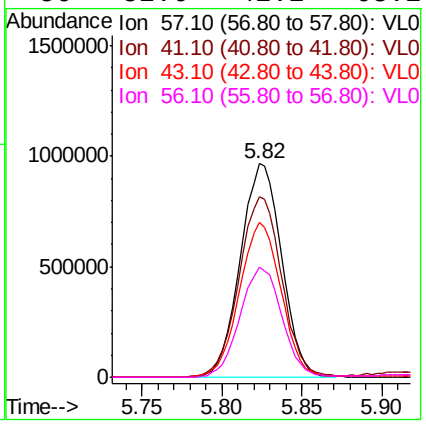


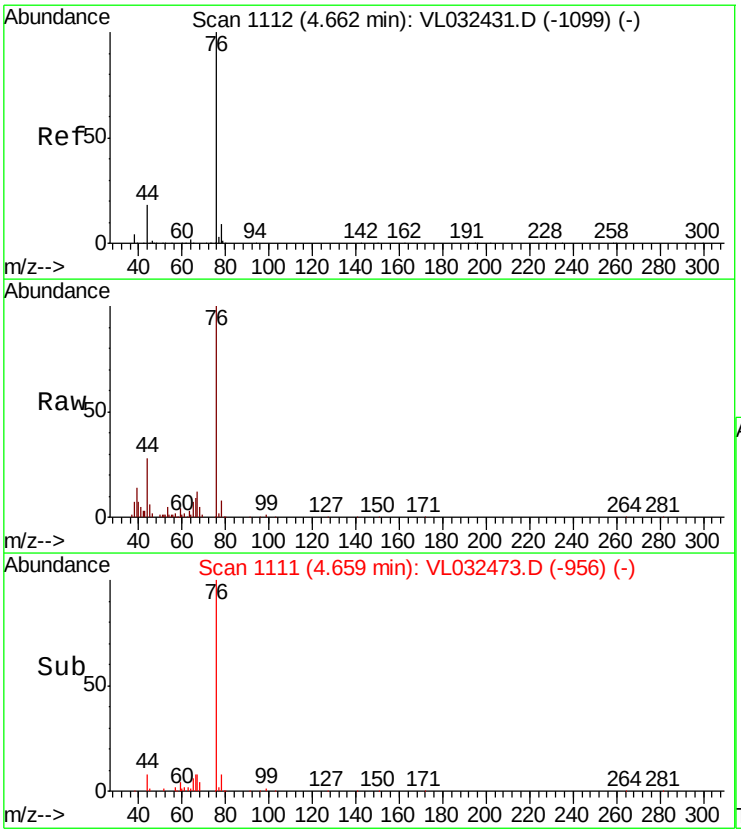
#26
Hexane
Concen: 11.553 ppbv
RT: 5.82 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 57 Resp: 1697558

Ion	Ratio	Lower	Upper
57	100		
41	88.0	69.0	103.4
43	72.6	172.1	258.1#
56	52.6	42.2	63.2

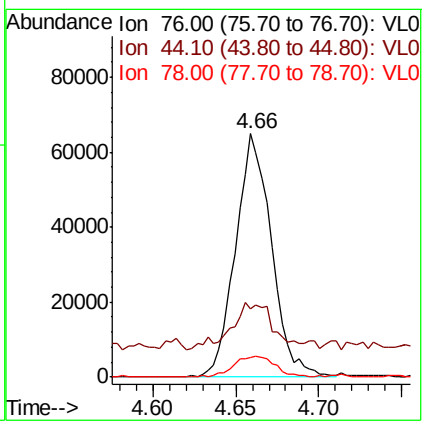


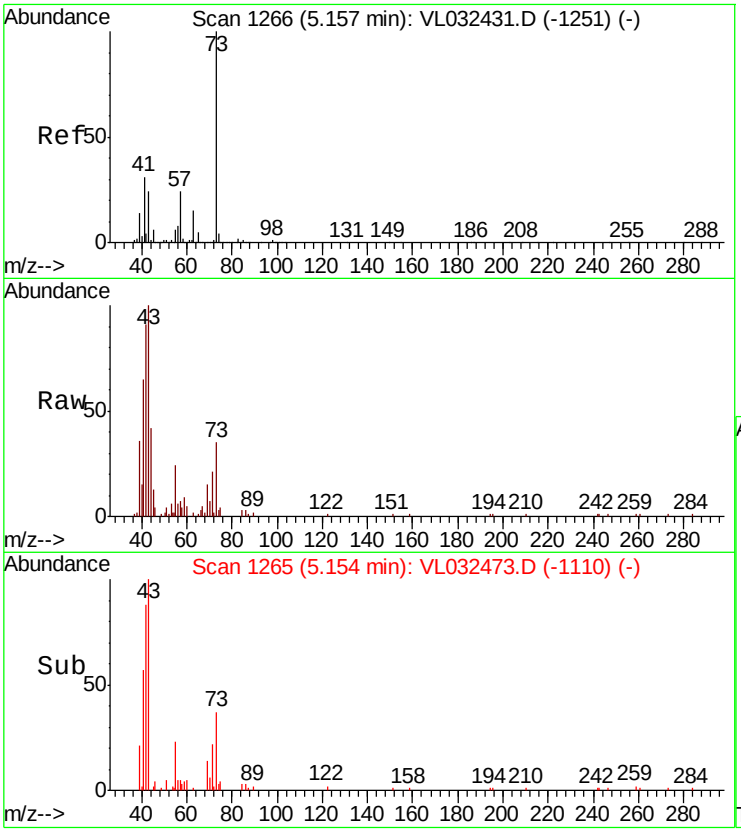


#27
Carbon Disulfide
Concen: 0.723 ppbv
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 76 Resp: 98009

Ion	Ratio	Lower	Upper
76	100		
44	23.3	14.0	21.0#
78	10.5	7.5	11.3



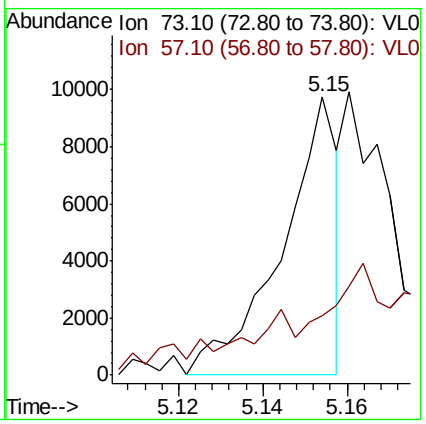


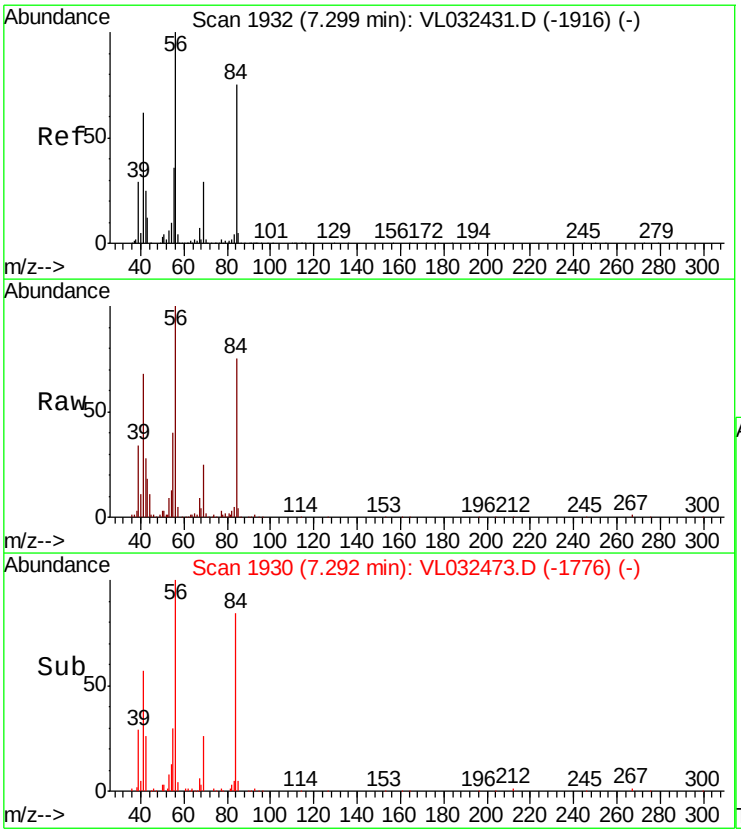
#28
Methyl tert-Butyl Ether
Concen: 0.049 ppbv
RT: 5.15 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion: 73 Resp: 8873

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.3	28.9#

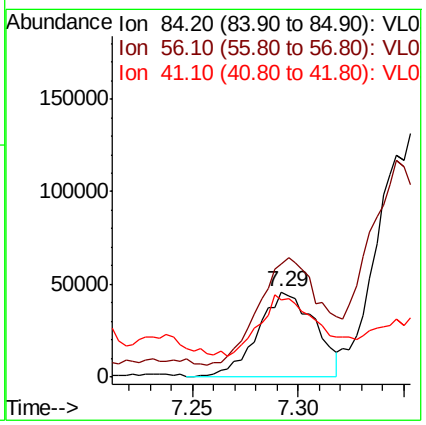


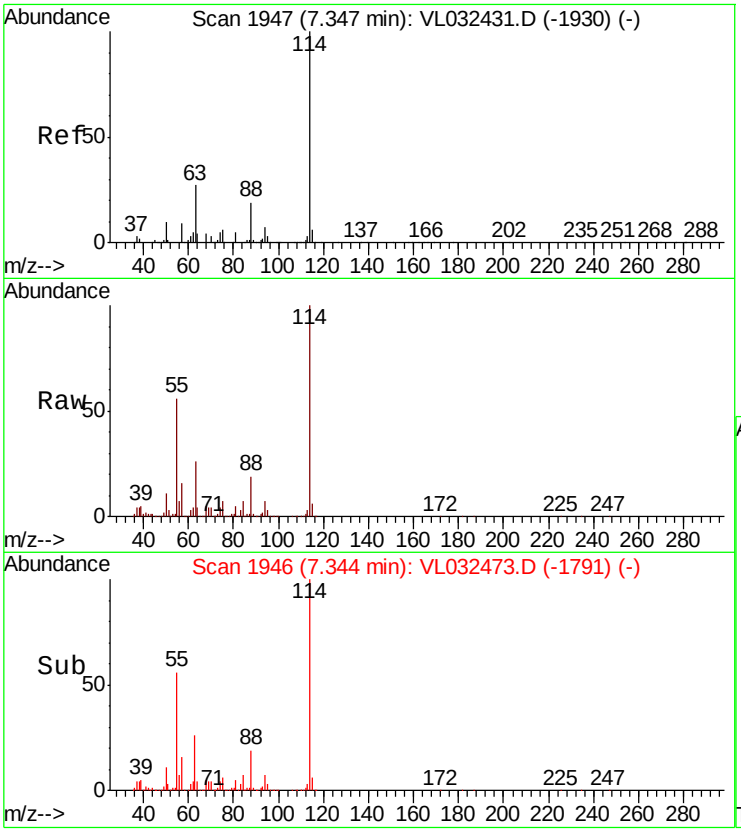


#30
Cyclohexane
Concen: 0.809 ppbv
RT: 7.29 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 84 Resp: 87082

Ion	Ratio	Lower	Upper
84	100		
56	119.0	113.5	170.3
41	0.0	68.1	102.1#



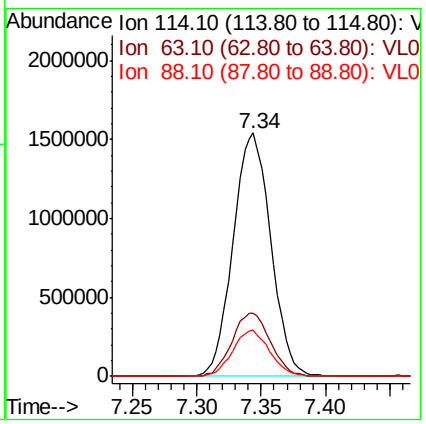


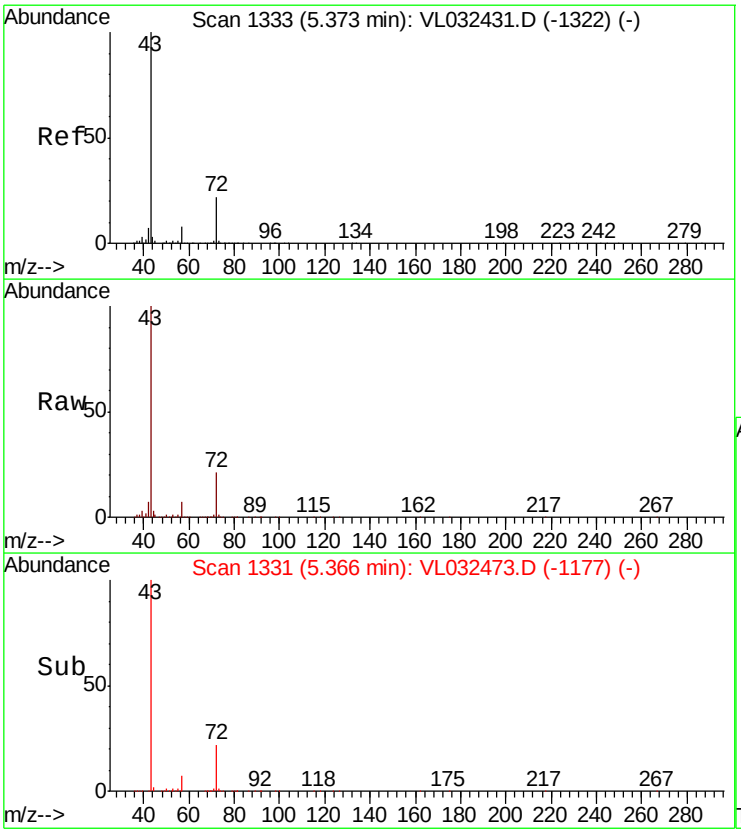
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion:114 Resp: 3136115

Ion	Ratio	Lower	Upper
114	100		
63	26.6	22.2	33.4
88	18.5	15.0	22.4

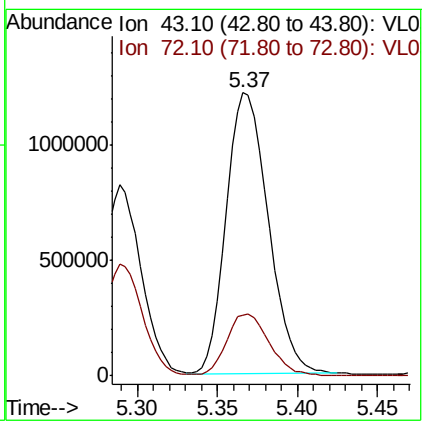


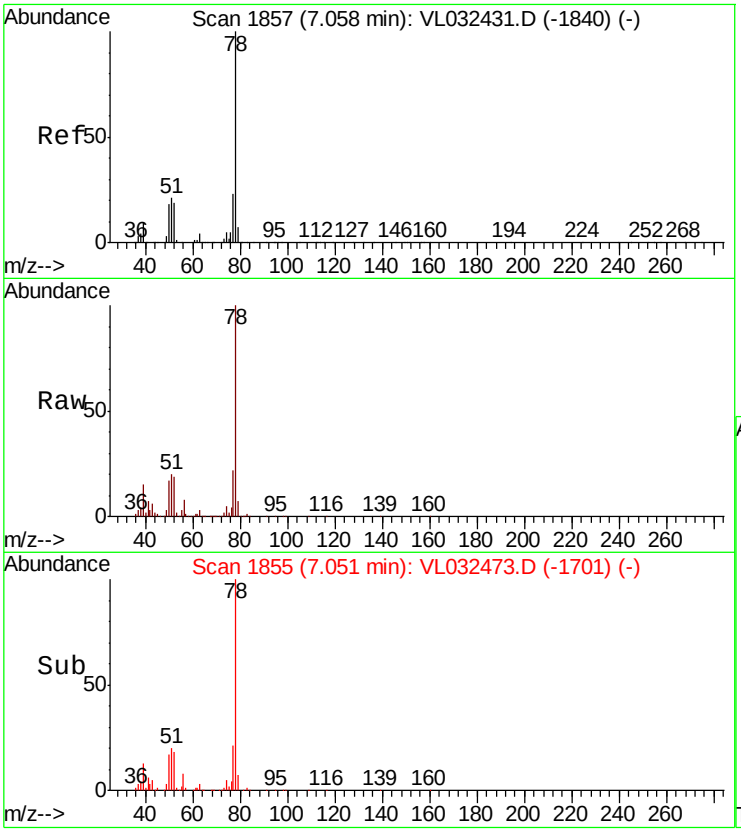


#34
2-Butanone
Concen: 10.522 ppbv
RT: 5.37 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 43 Resp: 2191926

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.8	26.6



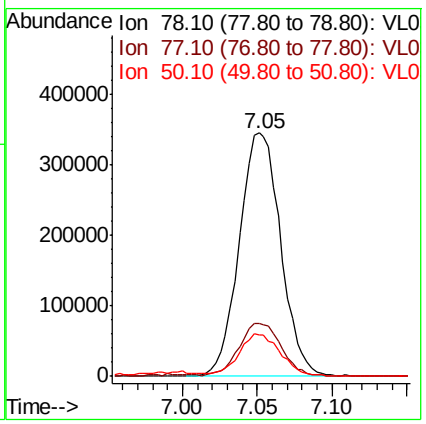


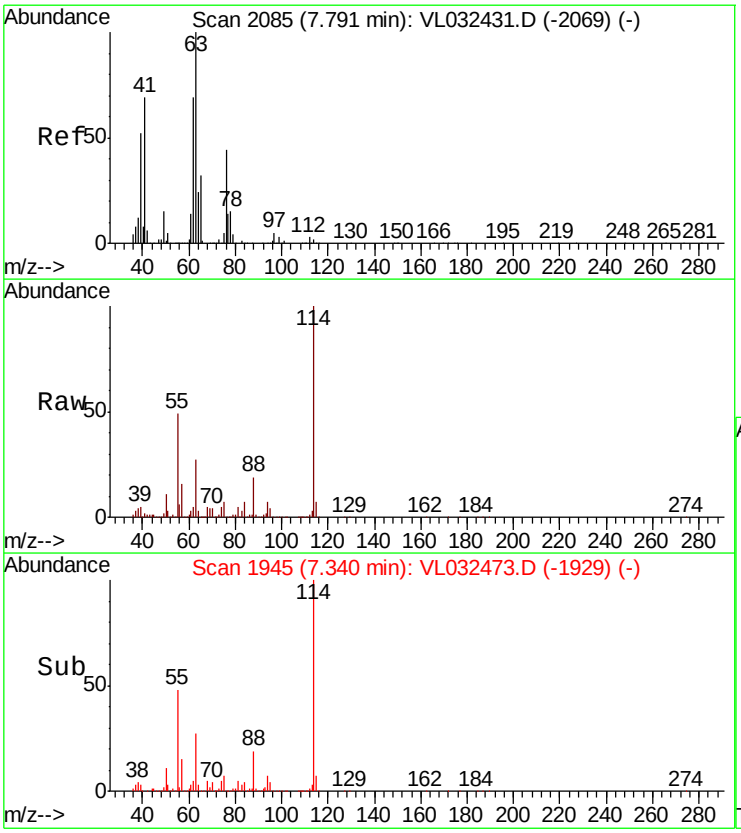
#36
Benzene
Concen: 2.485 ppbv
RT: 7.05 min Scan# 1855
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion: 78 Resp: 663118

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.4	27.6
50	16.7	14.4	21.6

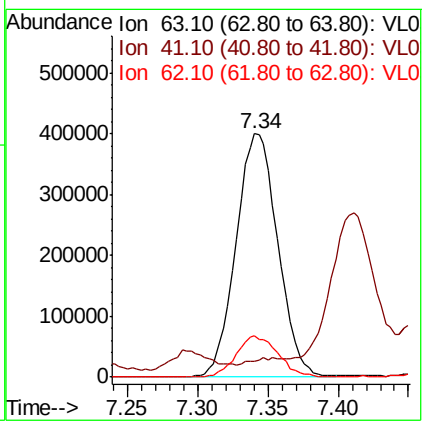


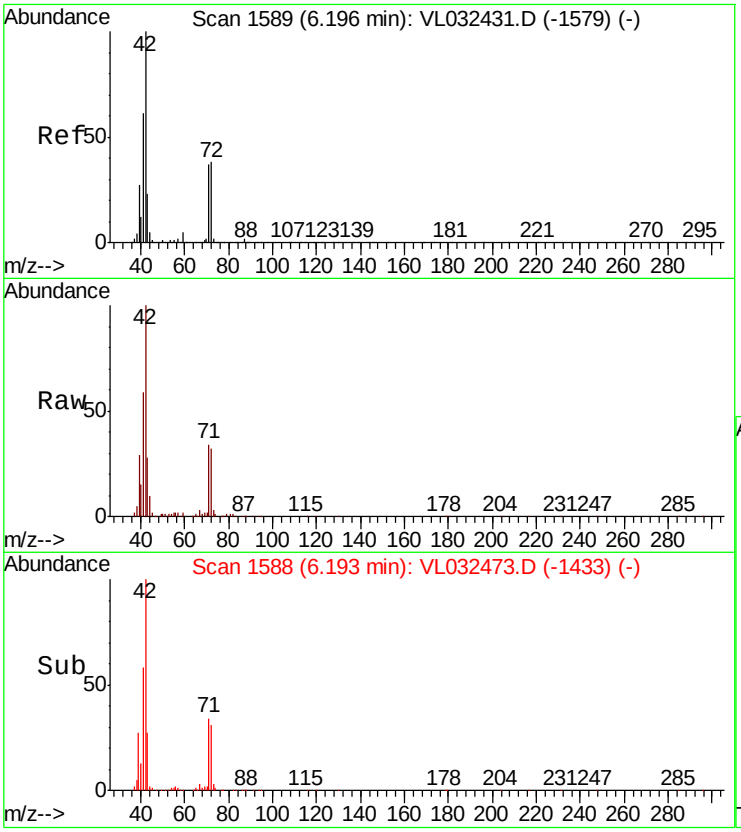


#39
1,2-Dichloropropane
Concen: 7.231 ppbv
RT: 7.34 min Scan# 1945
Delta R.T. -0.45 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 63 Resp: 825672

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	16.9	55.4	83.0#



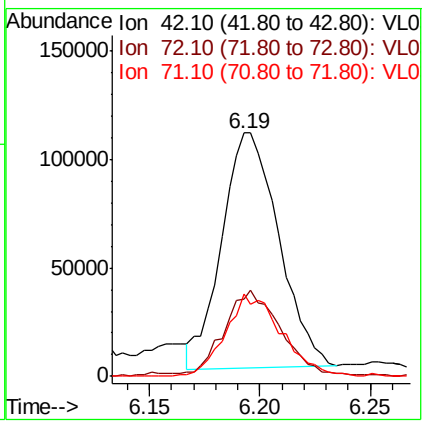


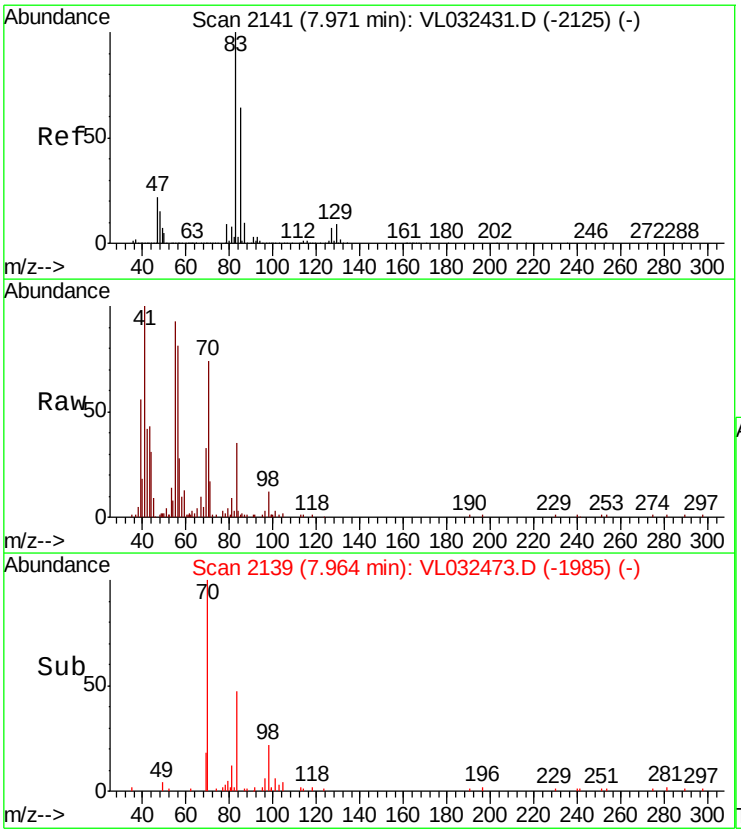
#41
Tetrahydrofuran
Concen: 1.719 ppbv
RT: 6.19 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 42 Resp: 194929

Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.5	44.3
71	34.4	28.3	42.5

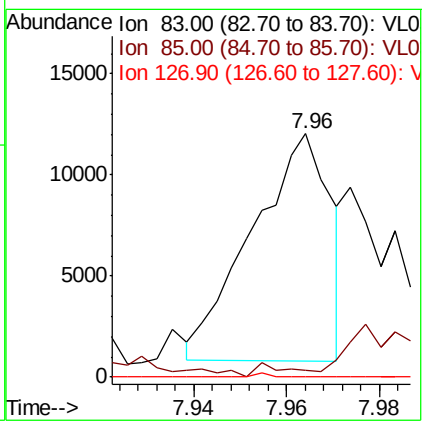


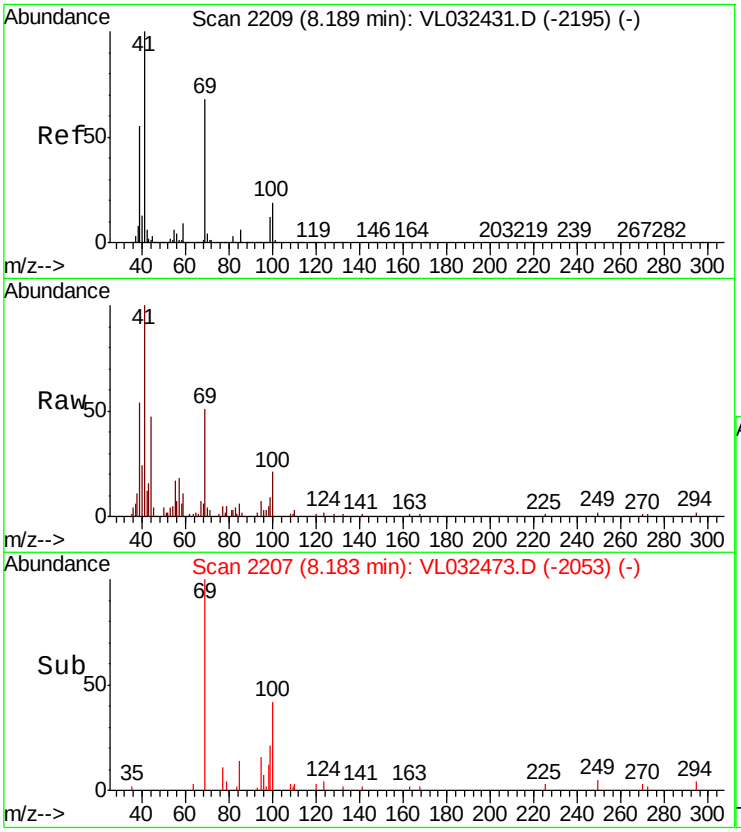


#42
Bromodichloromethane
Concen: 0.058 ppbv
RT: 7.96 min Scan# 2139
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 83 Resp: 13171

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#
127	0.0	5.8	8.8#



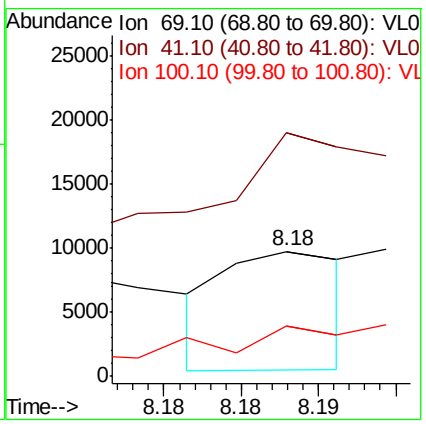


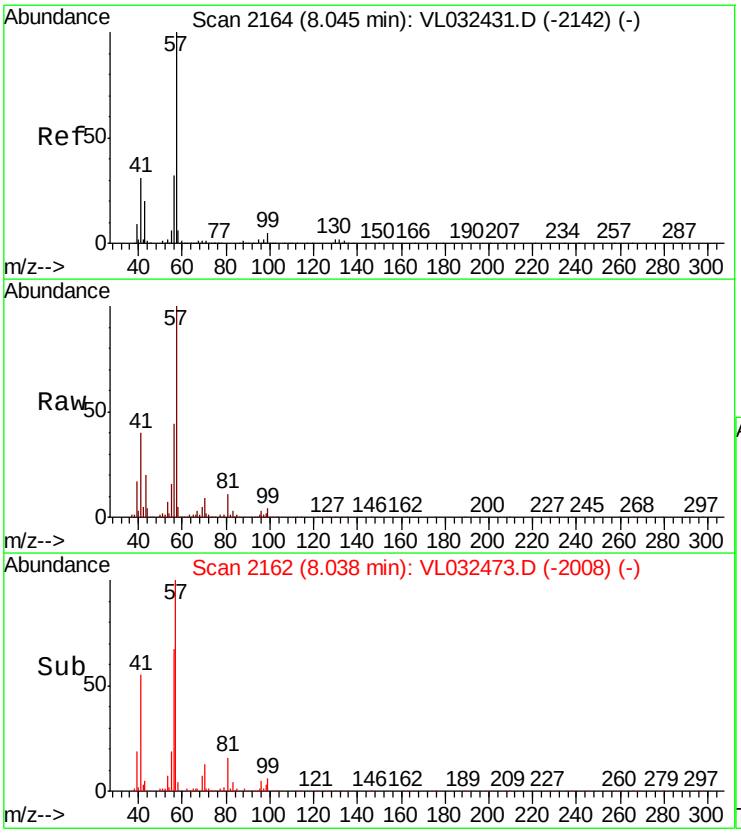
#43
Methyl Methacrylate
Concen: 0.045 ppbv
RT: 8.18 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 69 Resp: 5065

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

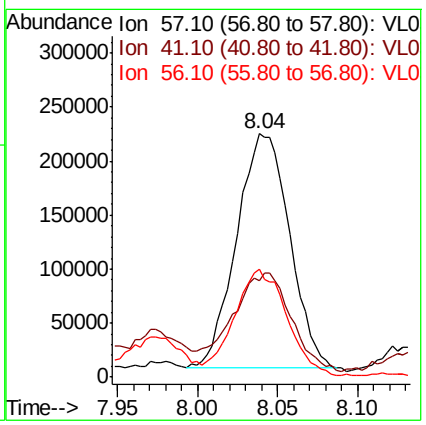


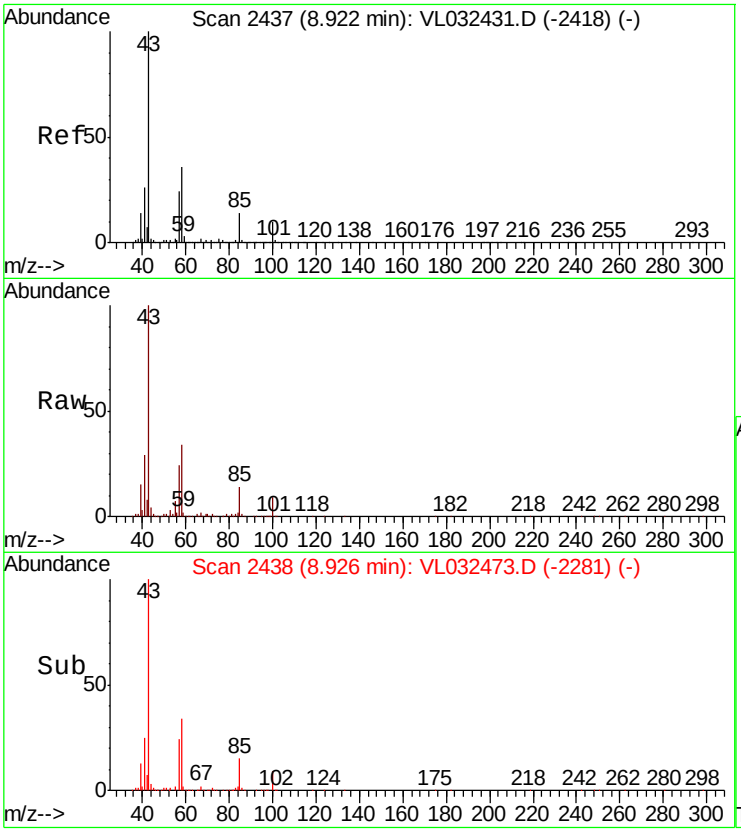


#44
2,2,4-Trimethylpentane
Concen: 0.948 ppbv
RT: 8.04 min Scan# 2162
Delta R.T. -0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 57 Resp: 489173

Ion	Ratio	Lower	Upper
57	100		
41	46.5	24.4	36.6#
56	44.7	25.7	38.5#



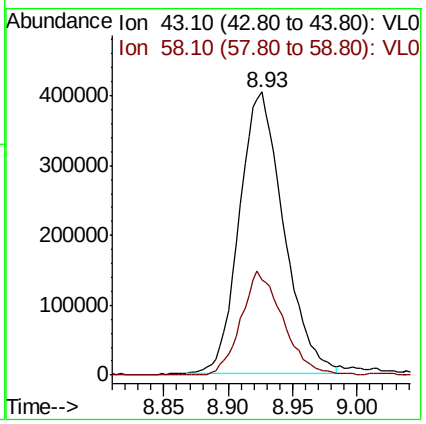


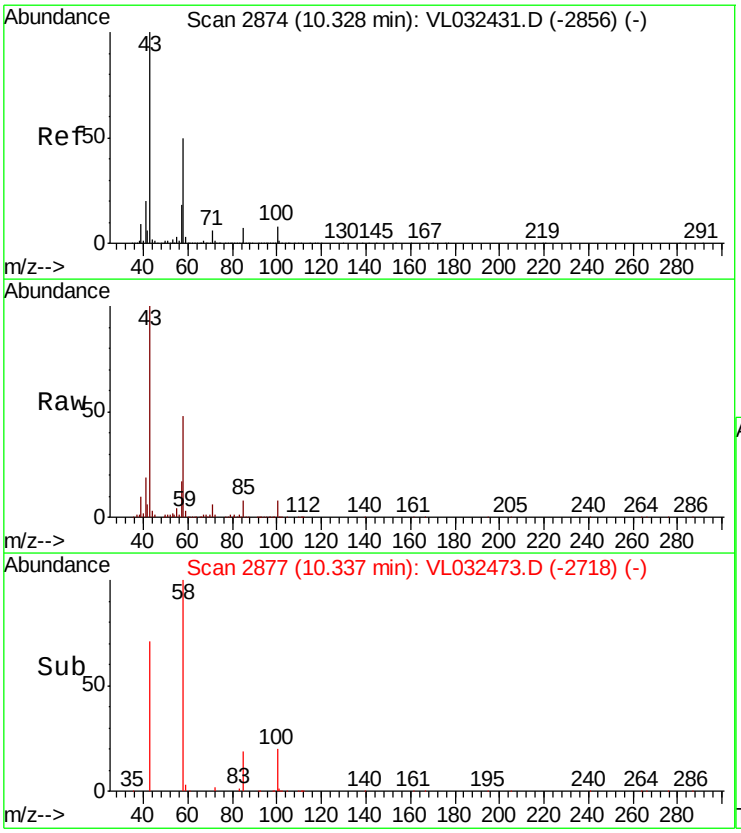
#50
4-Methyl-2-Pentanone
Concen: 3.069 ppbv
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 43 Resp: 962899

Ion	Ratio	Lower	Upper
43	100		
58	35.1	29.0	43.4

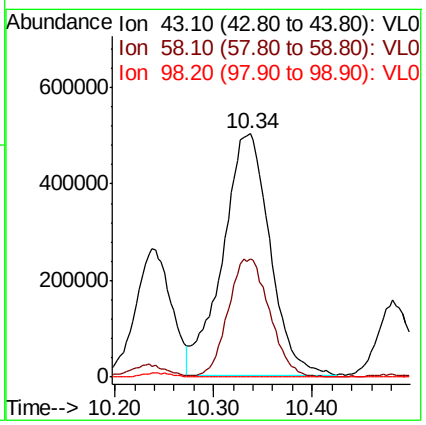


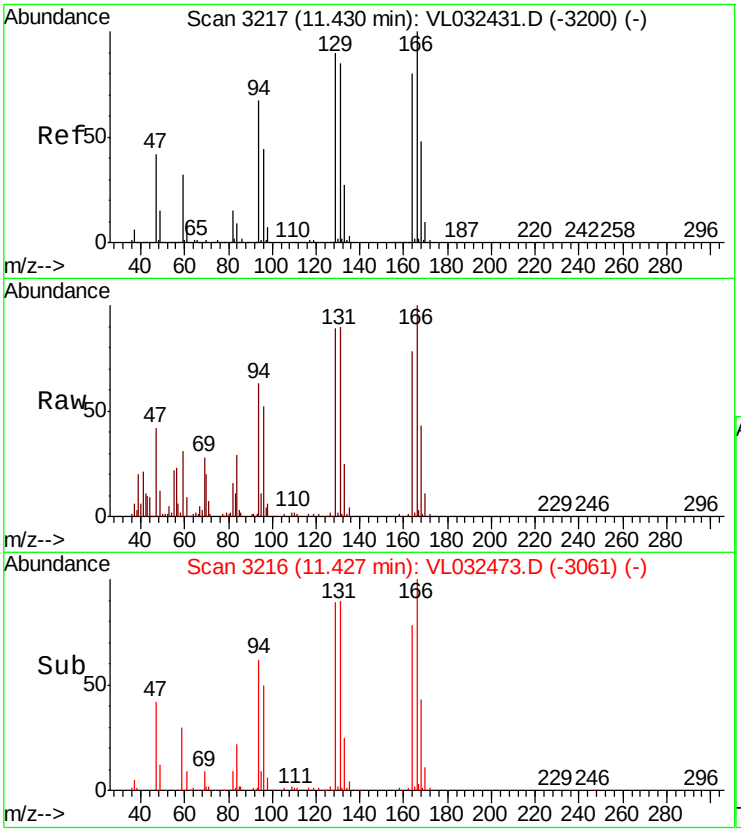


#51
2-Hexanone
Concen: 8.199 ppbv
RT: 10.34 min Scan# 2877
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 43 Resp: 1657120

Ion	Ratio	Lower	Upper
43	100		
58	42.7	39.2	58.8
98	0.1	0.4	0.6#



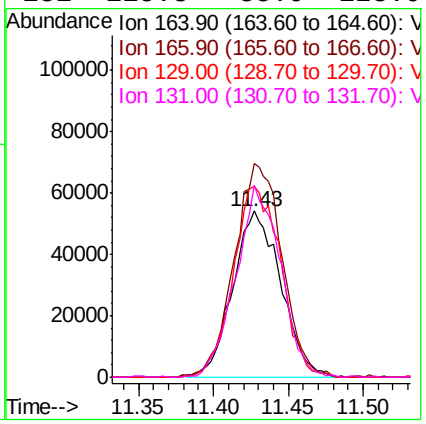


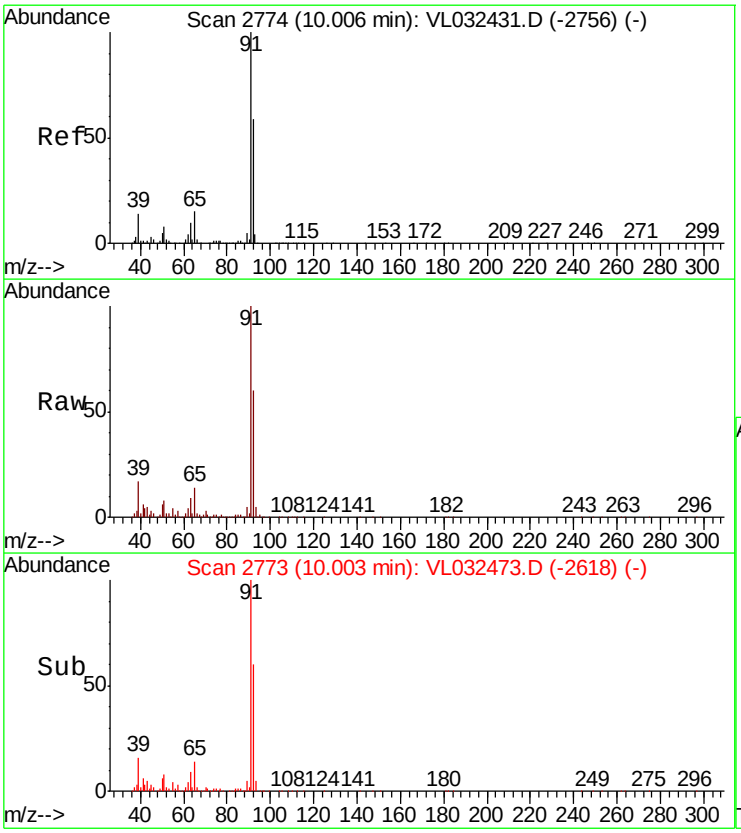
#52
Tetrachloroethene
Concen: 1.459 ppbv
RT: 11.43 min Scan# 3216
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion:164 Resp: 120731

Ion	Ratio	Lower	Upper
164	100		
166	128.4	100.6	150.8
129	114.8	89.9	134.9
131	115.3	85.9	128.9

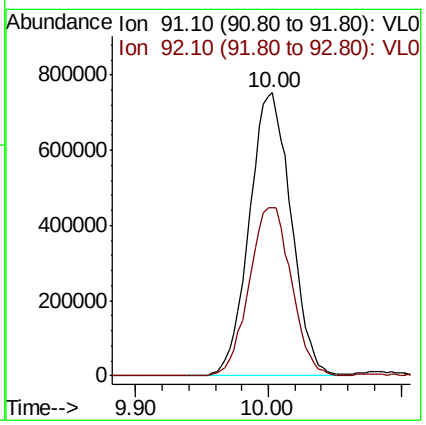


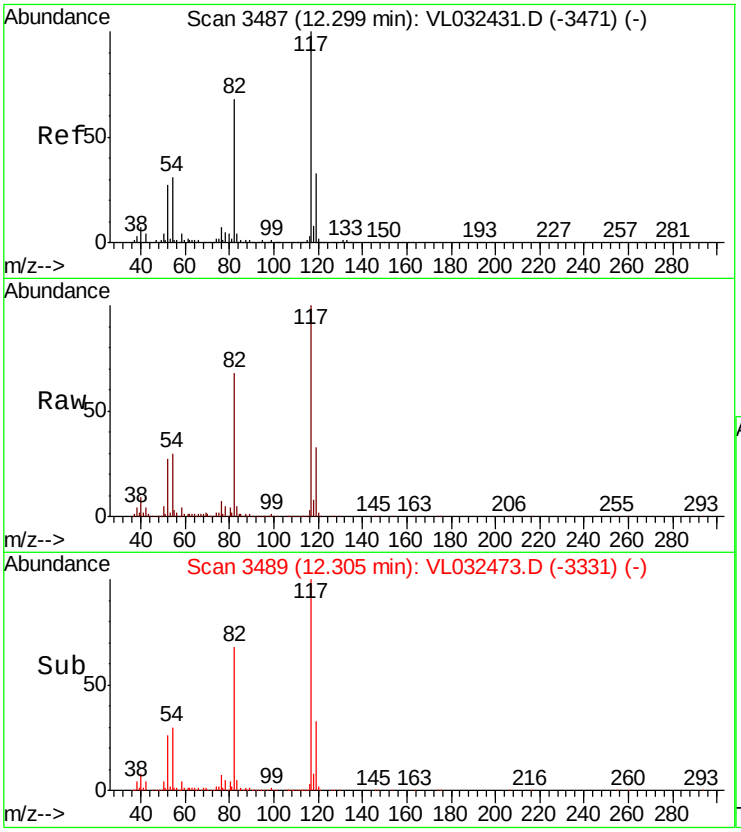


#53
Toluene
Concen: 5.886 ppbv
RT: 10.00 min Scan# 2773
Delta R.T. -0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 91 Resp: 1641890

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.1	72.1



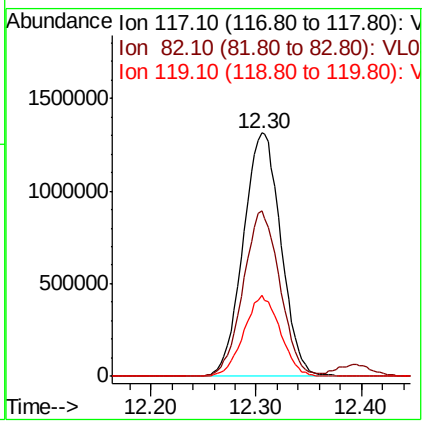


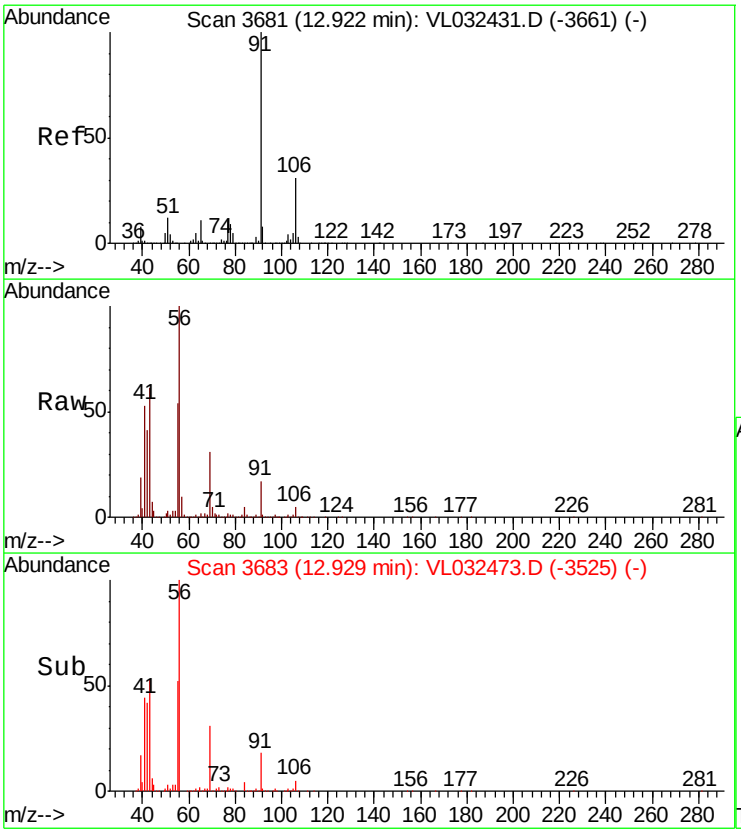
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3489
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion:117 Resp: 3264709

Ion	Ratio	Lower	Upper
117	100		
82	66.4	53.0	79.6
119	32.1	45.9	68.9#

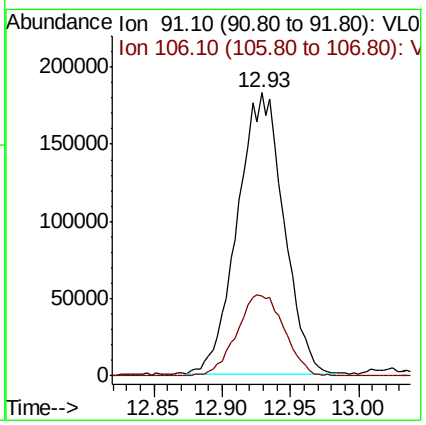


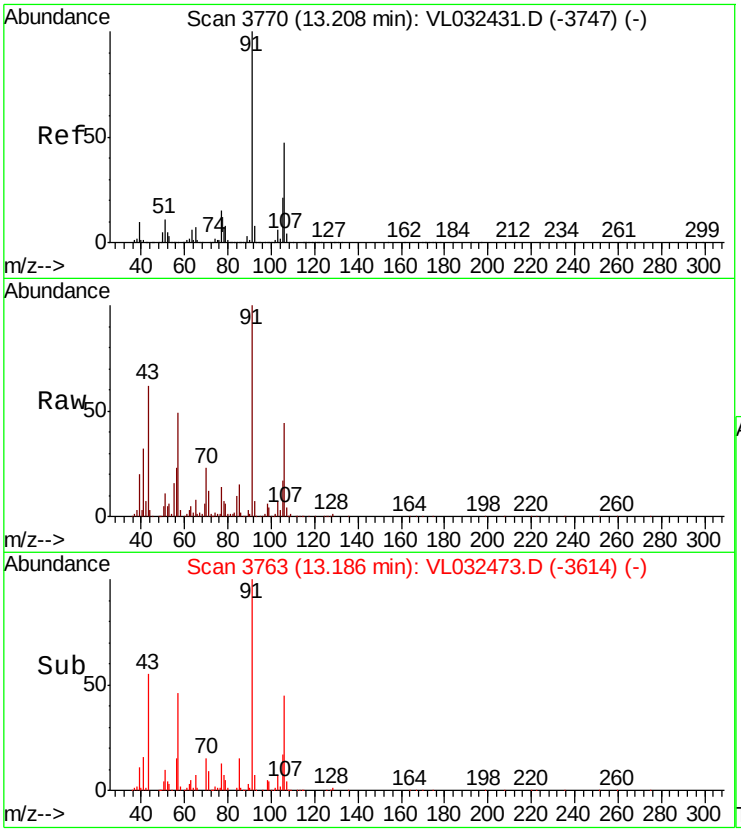


#58
Ethyl Benzene
Concen: 1.100 ppbv
RT: 12.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 91 Resp: 429926

Ion	Ratio	Lower	Upper
91	100		
106	28.2	24.8	37.2



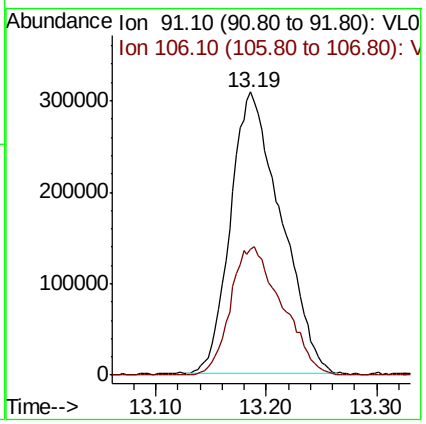


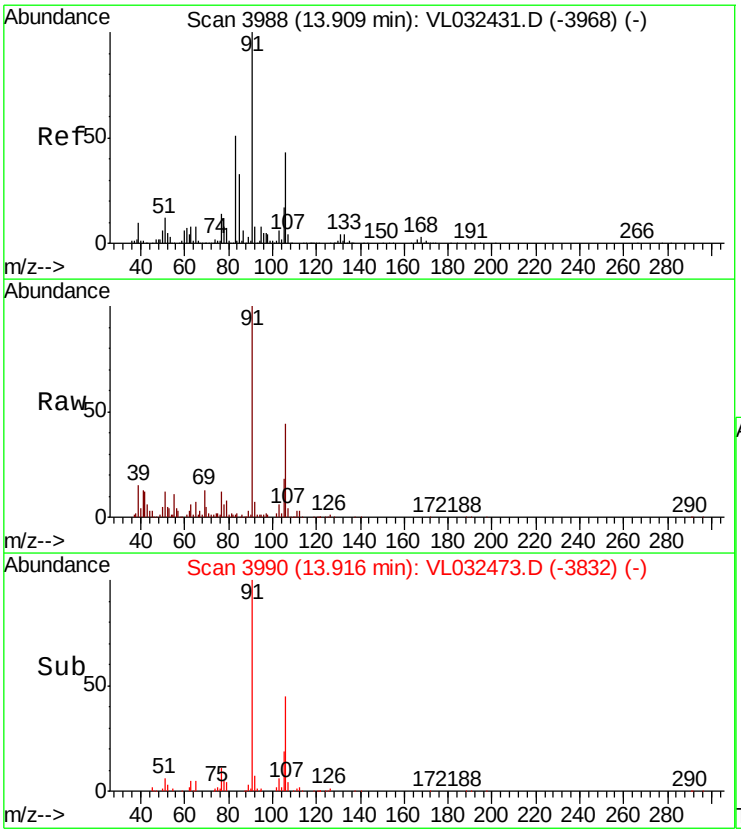
#59
m/p-Xylene
Concen: 2.801 ppbv
RT: 13.19 min Scan# 3763
Delta R.T. -0.02 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 91 Resp: 975767

Ion	Ratio	Lower	Upper
91	100		
106	46.7	36.6	55.0

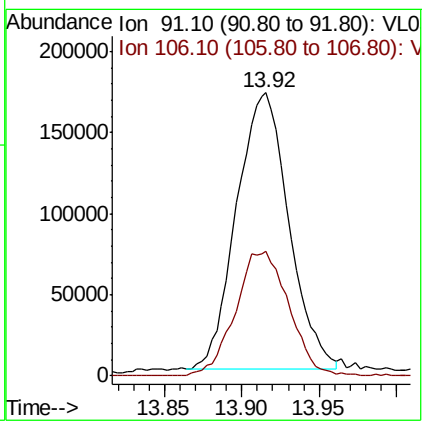


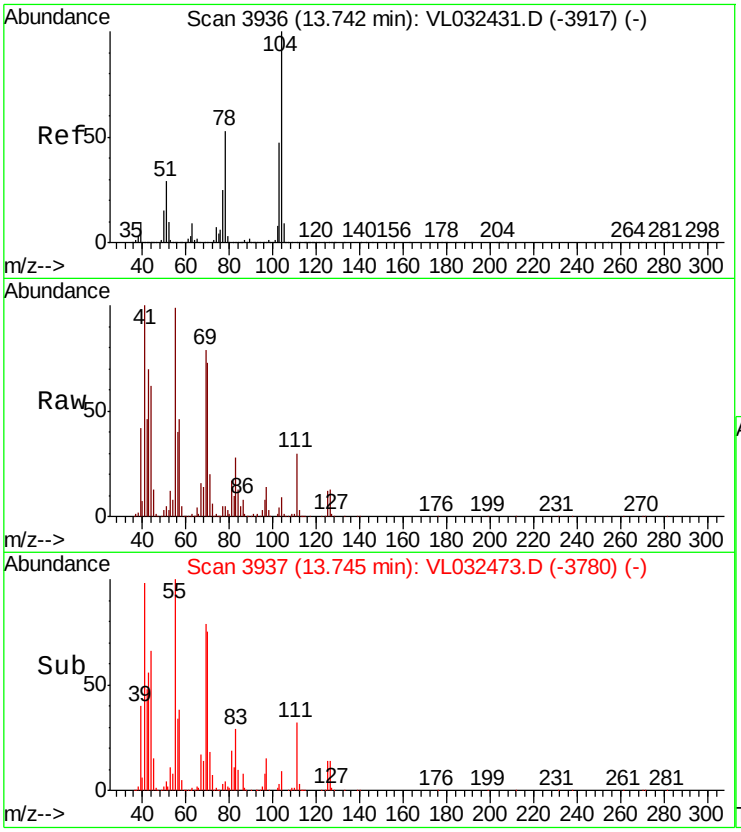


#60
o-Xylene
Concen: 1.175 ppbv
RT: 13.92 min Scan# 3990
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 91 Resp: 402002

Ion	Ratio	Lower	Upper
91	100		
106	45.9	21.9	65.7



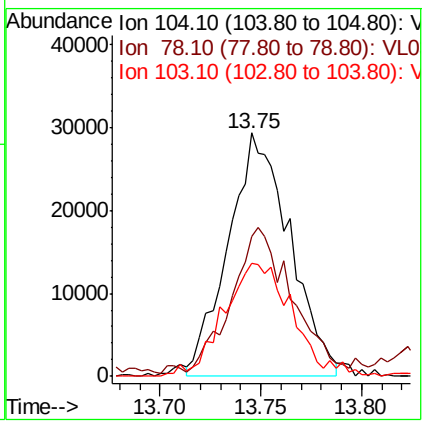


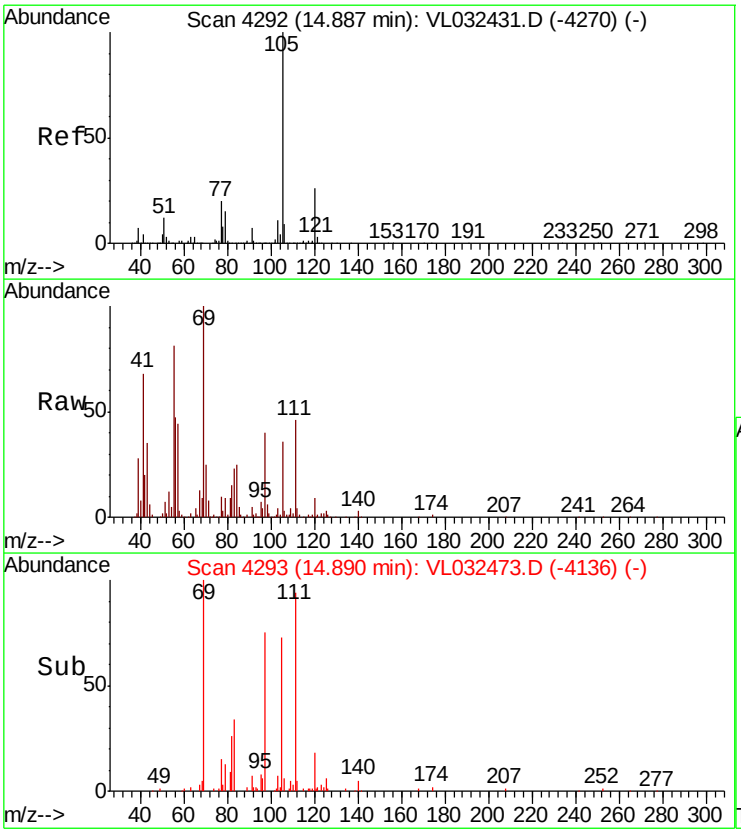
#61
Styrene
Concen: 0.282 ppbv
RT: 13.75 min Scan# 3937
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion:104 Resp: 62400

Ion	Ratio	Lower	Upper
104	100		
78	55.4	41.8	62.8
103	52.0	38.0	57.0

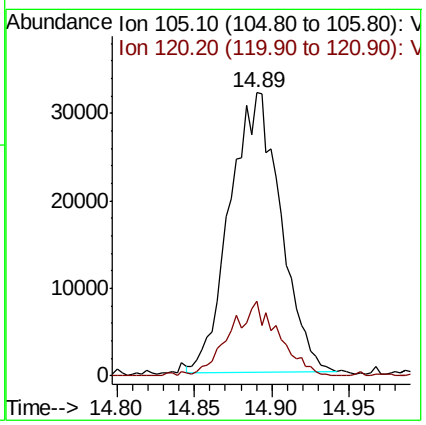


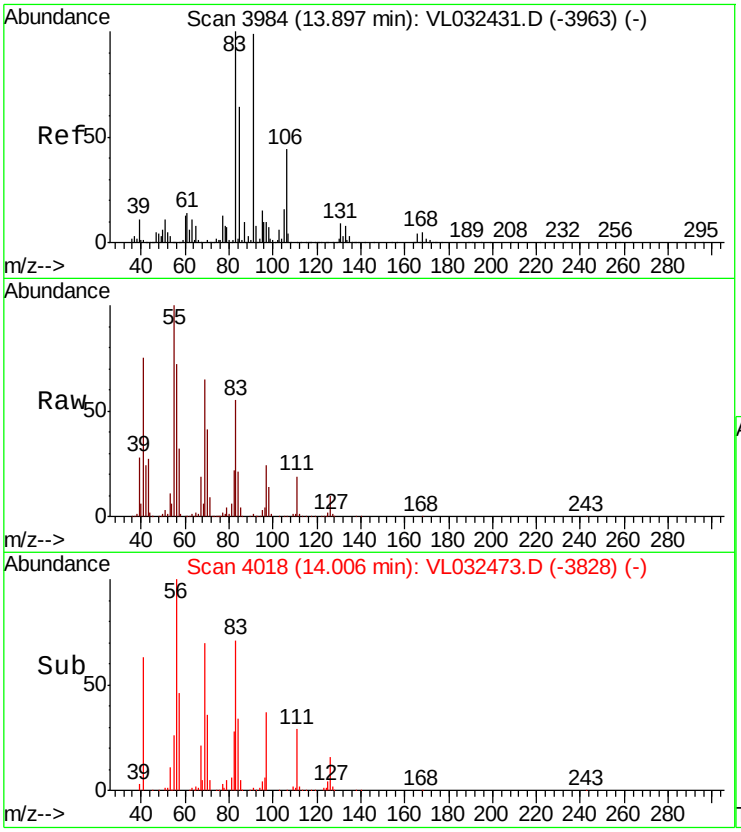


#62
Isopropylbenzene
Concen: 0.152 ppbv
RT: 14.89 min Scan# 4293
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion:105 Resp: 73049

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	31.0



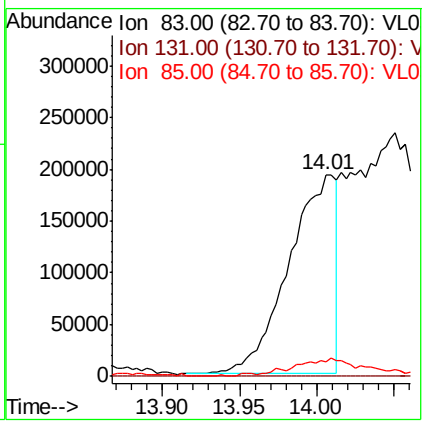


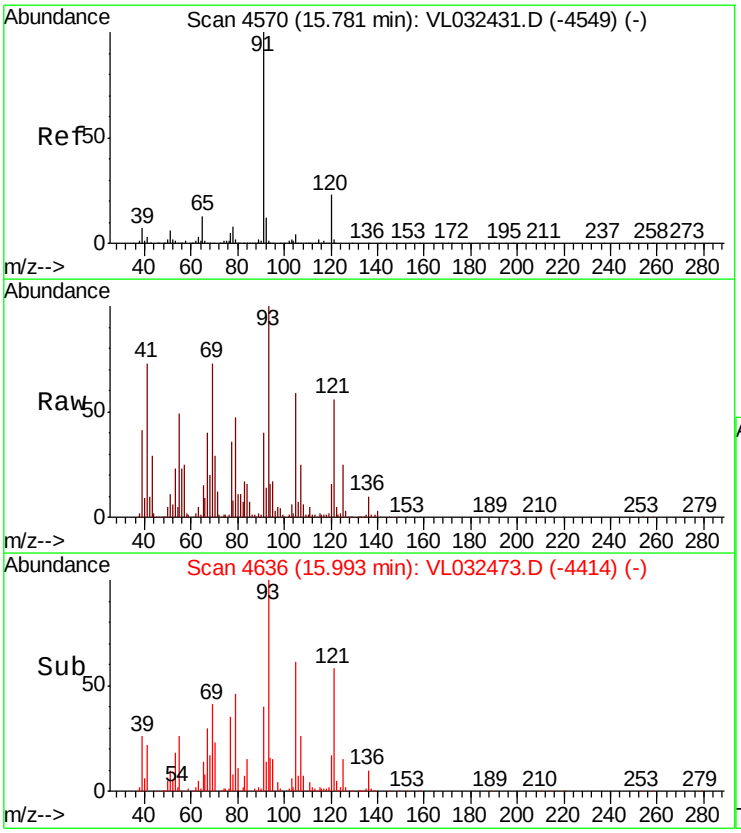
#63
1,1,2,2-Tetrachloroethane
Concen: 1.335 ppbv
RT: 14.01 min Scan# 4018
Delta R.T. 0.11 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 83 Resp: 408335

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	12.8#
85	14.8	32.3	96.8#

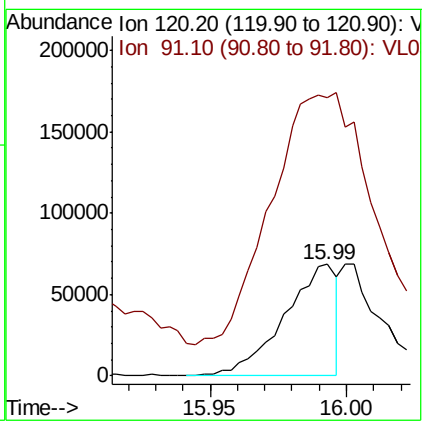


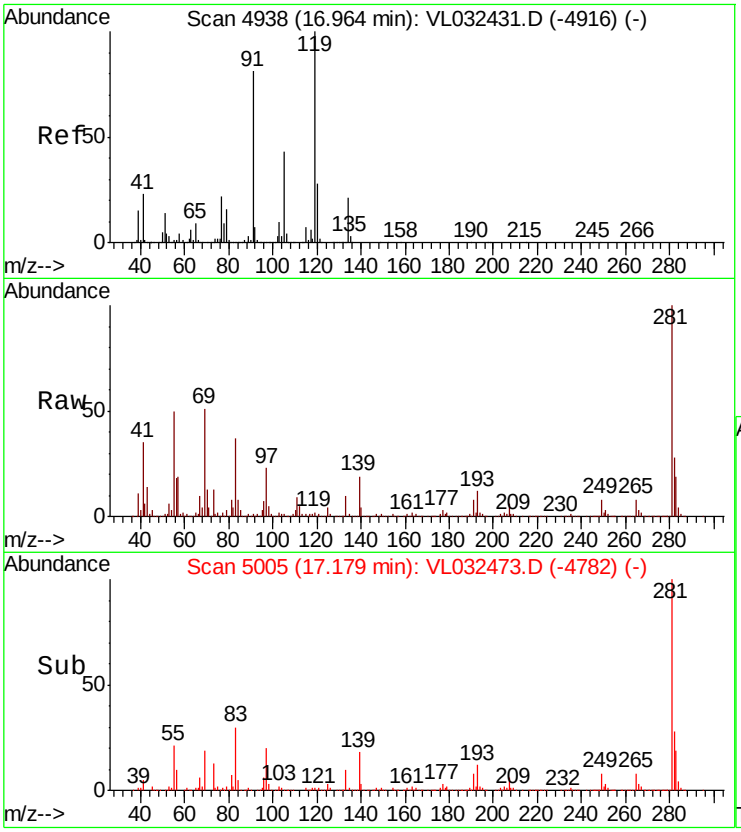


#64
n-propylbenzene
Concen: 0.730 ppbv
RT: 15.99 min Scan# 4636
Delta R.T. 0.21 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion:120 Resp: 91827

Ion	Ratio	Lower	Upper
120	100		
91	525.6	381.8	572.6



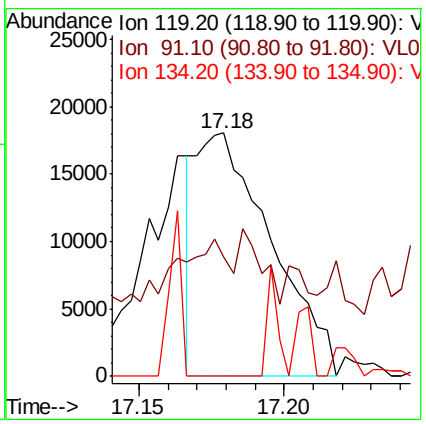


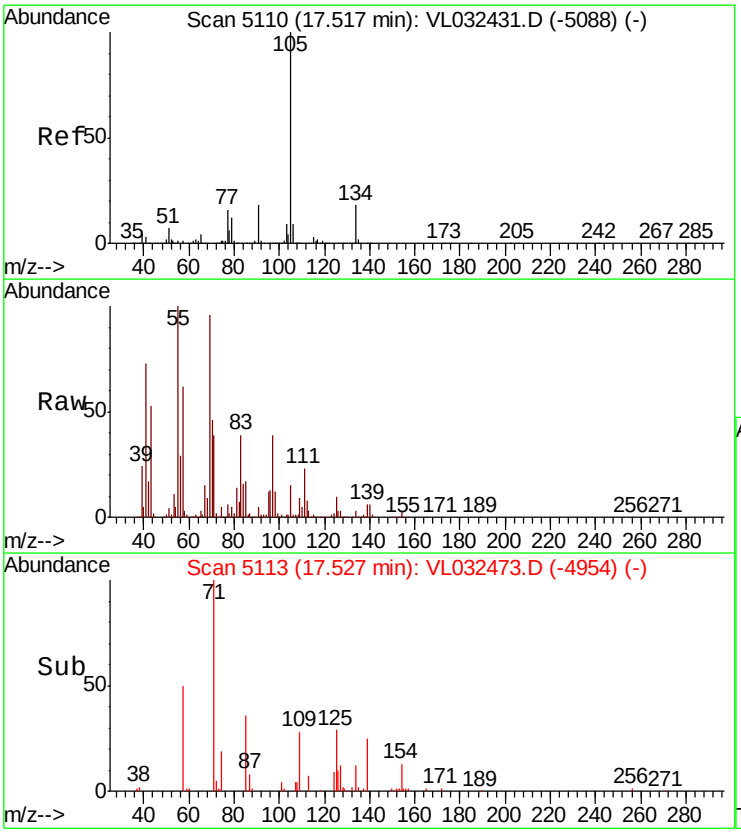
#65
tert-Butylbenzene
Concen: 0.079 ppbv
RT: 17.18 min Scan# 5005
Delta R.T. 0.22 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion:119 Resp: 32653

Ion	Ratio	Lower	Upper
119	100		
91	70.5	66.5	99.7
134	16.6	16.0	24.0

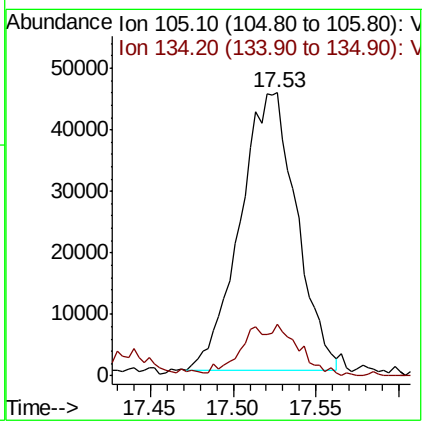


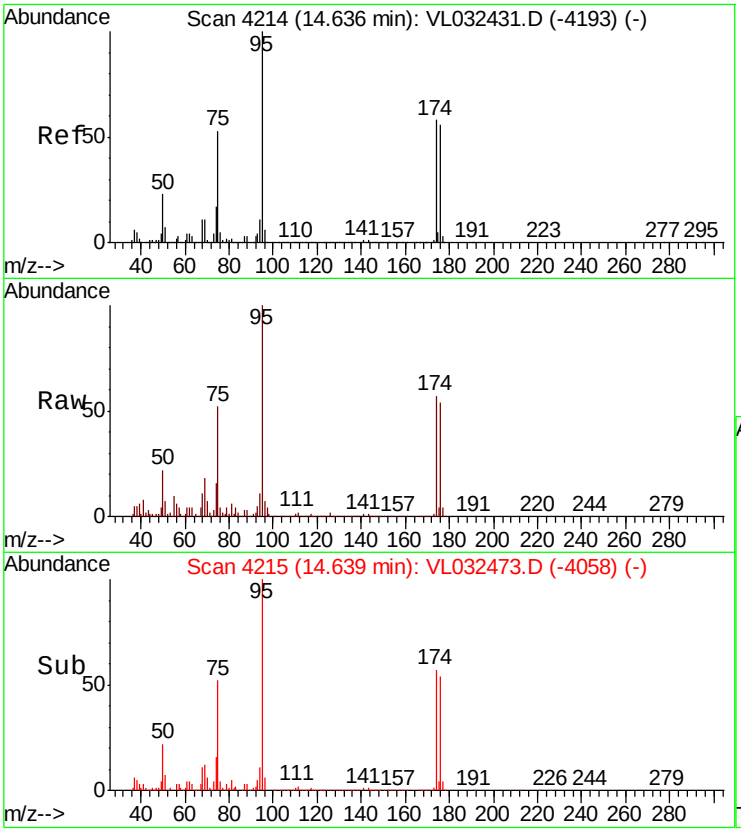


#67
sec-Butylbenzene
Concen: 0.172 ppbv
RT: 17.53 min Scan# 5113
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion:105 Resp: 106964

Ion	Ratio	Lower	Upper
105	100		
134	18.2	14.4	21.6



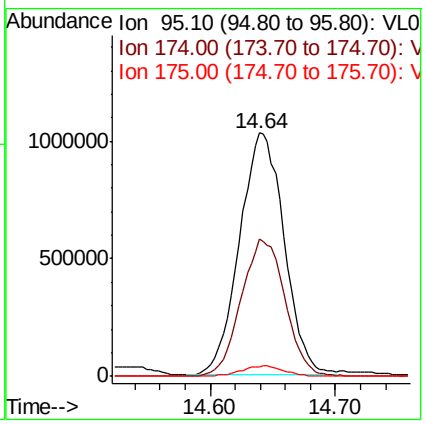


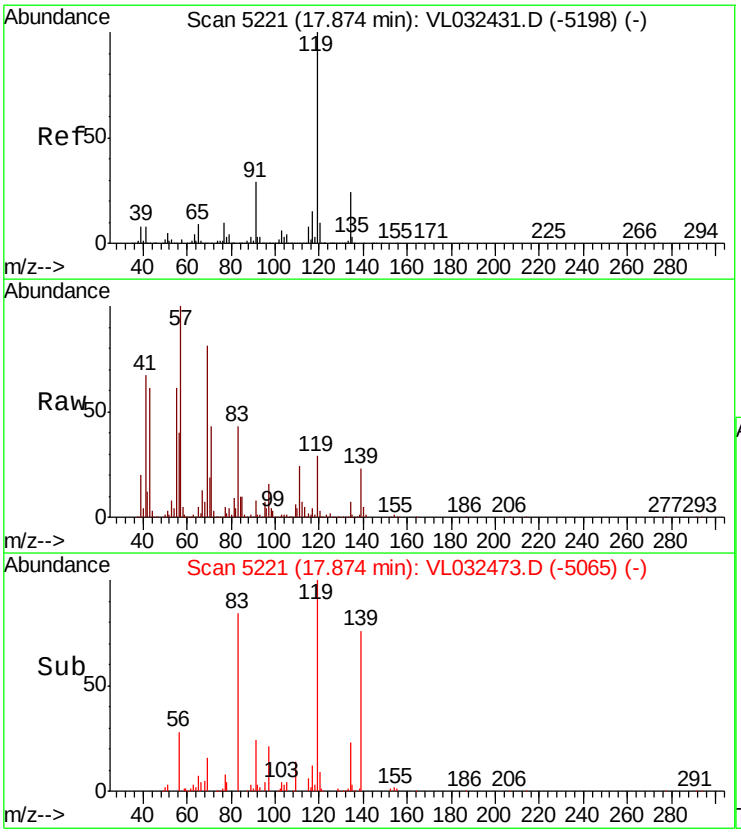
#68
1-Bromo-4-Fluorobenzene
Concen: 10.503 ppbv
RT: 14.64 min Scan# 4215
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 95 Resp: 2545816

Ion	Ratio	Lower	Upper
95	100		
174	56.2	46.3	69.5
175	4.2	3.4	5.0

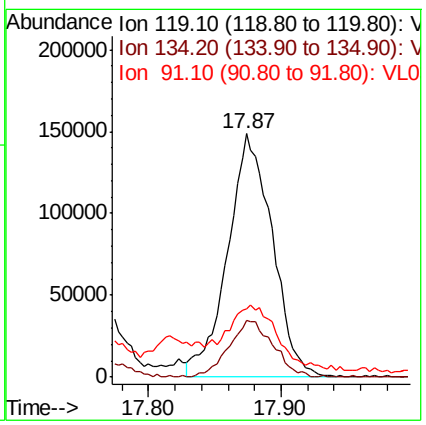


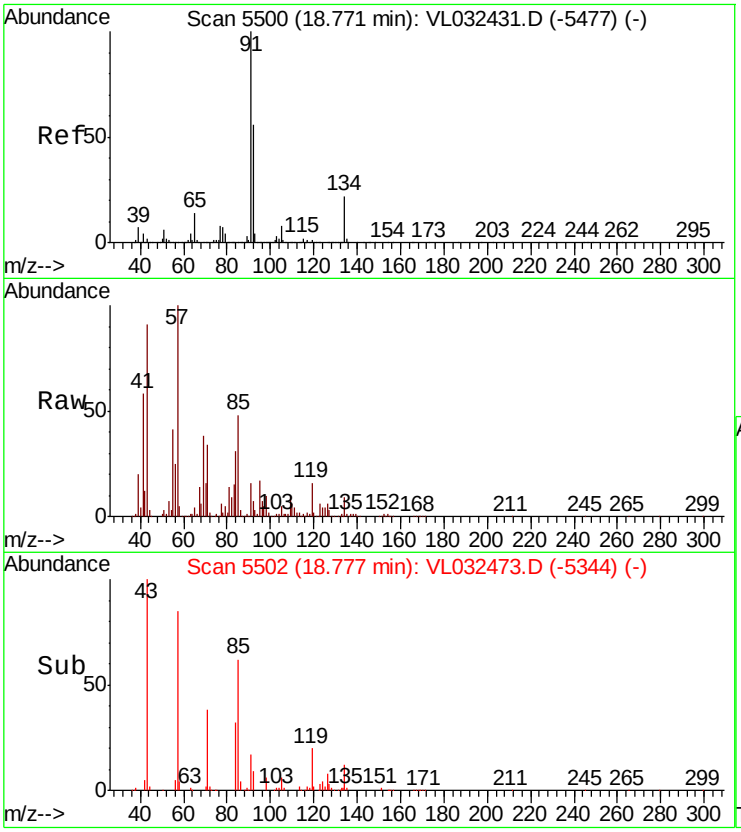


#69
p-Isopropyltoluene
Concen: 0.711 ppbv
RT: 17.87 min Scan# 5221
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion:119 Resp: 343654

Ion	Ratio	Lower	Upper
119	100		
134	23.7	20.4	30.6
91	31.4	23.4	35.2



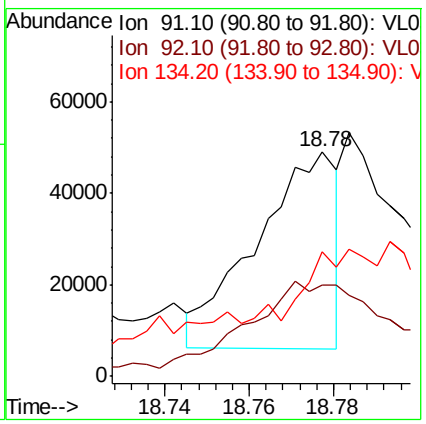


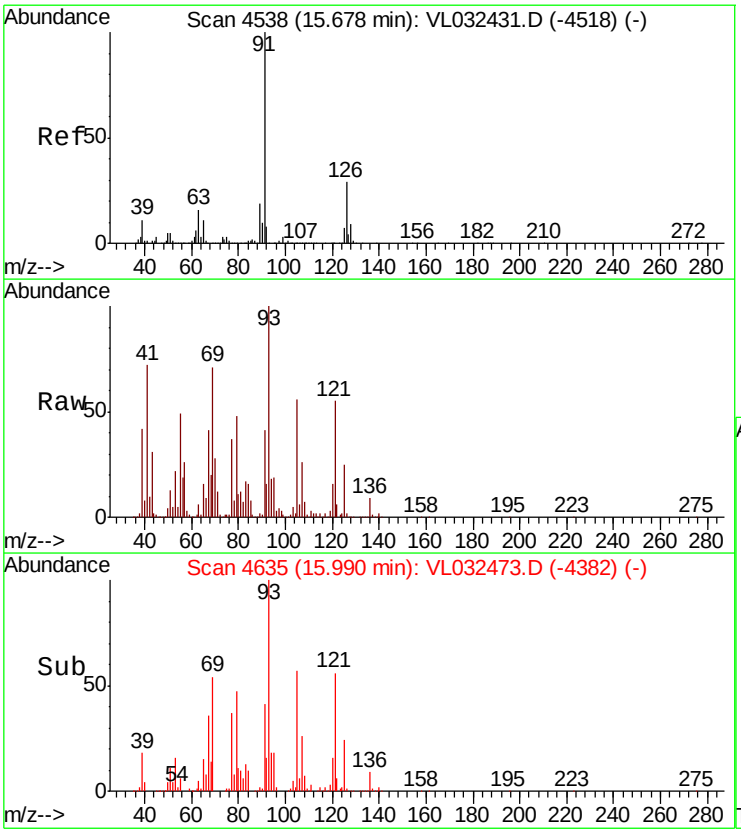
#70
n-Butylbenzene
Concen: 0.104 ppbv
RT: 18.78 min Scan# 5502
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion: 91 Resp: 57101

Ion	Ratio	Lower	Upper
91	100		
92	94.6	43.8	65.8#
134	0.0	17.4	26.0#

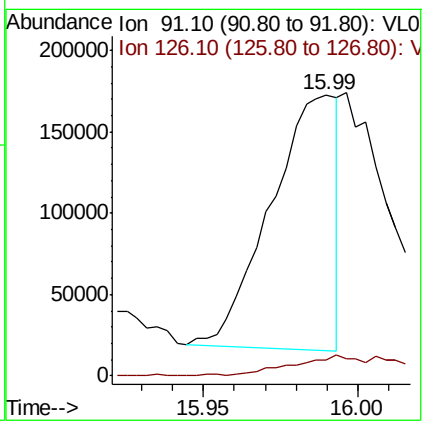


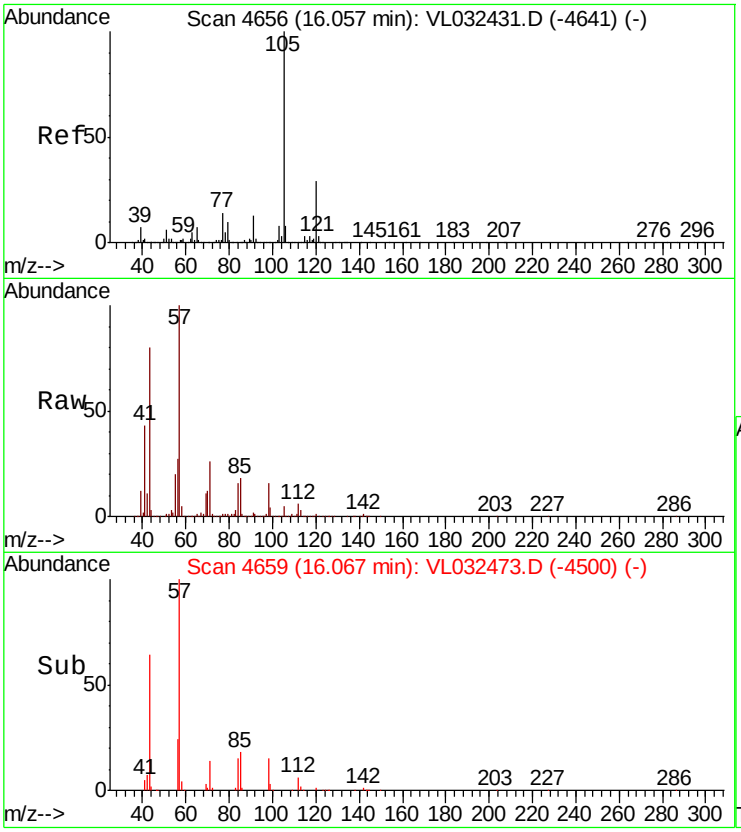


#71
2-Chlorotoluene
Concen: 0.639 ppbv
RT: 15.99 min Scan# 4635
Delta R.T. 0.31 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion: 91 Resp: 234835

Ion	Ratio	Lower	Upper
91	100		
126	14.6	11.9	47.7



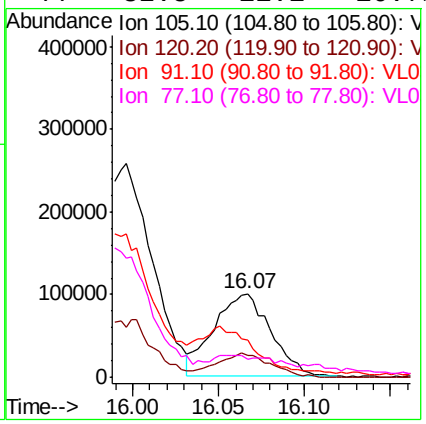


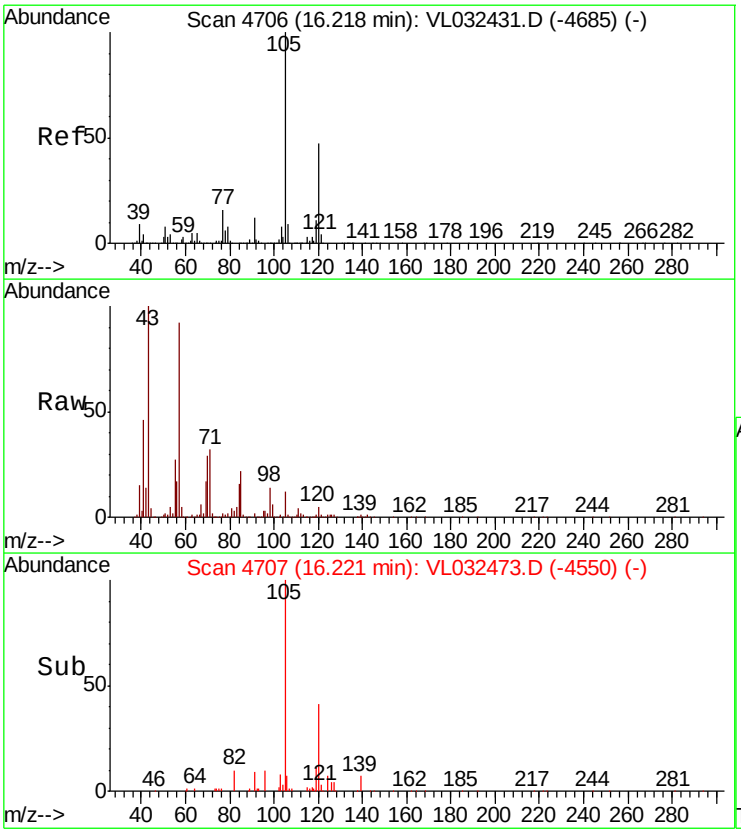
#72
4-Ethyltoluene
Concen: 0.617 ppbv
RT: 16.07 min Scan# 4659
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument : MSVOA_L
ClientSampleId : VP-6

Tgt Ion:105 Resp: 230498

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.5	35.3
91	59.0	10.2	15.2#
77	32.5	11.1	16.7#

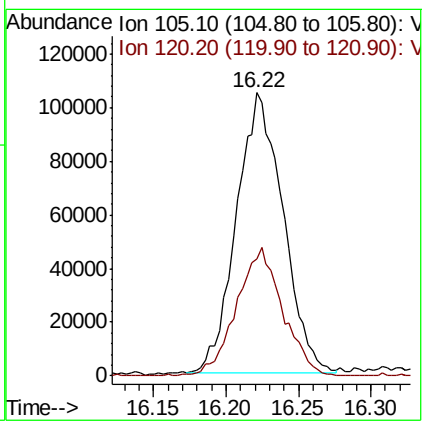


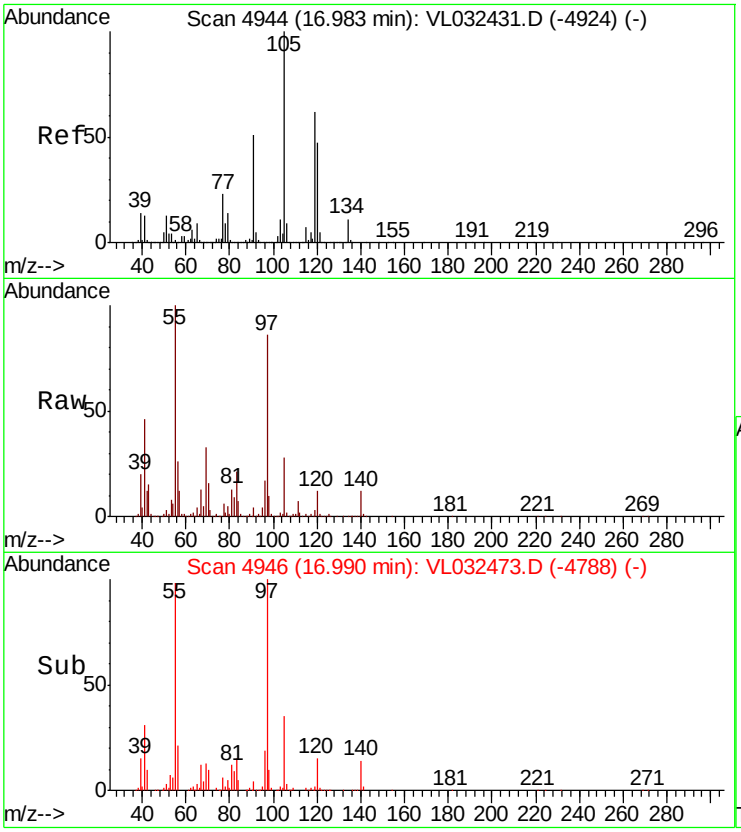


#73
1,3,5-Trimethylbenzene
Concen: 0.626 ppbv
RT: 16.22 min Scan# 4707
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion:105 Resp: 234279

Ion	Ratio	Lower	Upper
105	100		
120	41.6	37.9	56.9



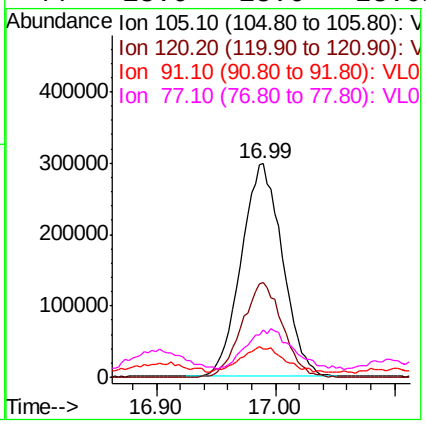


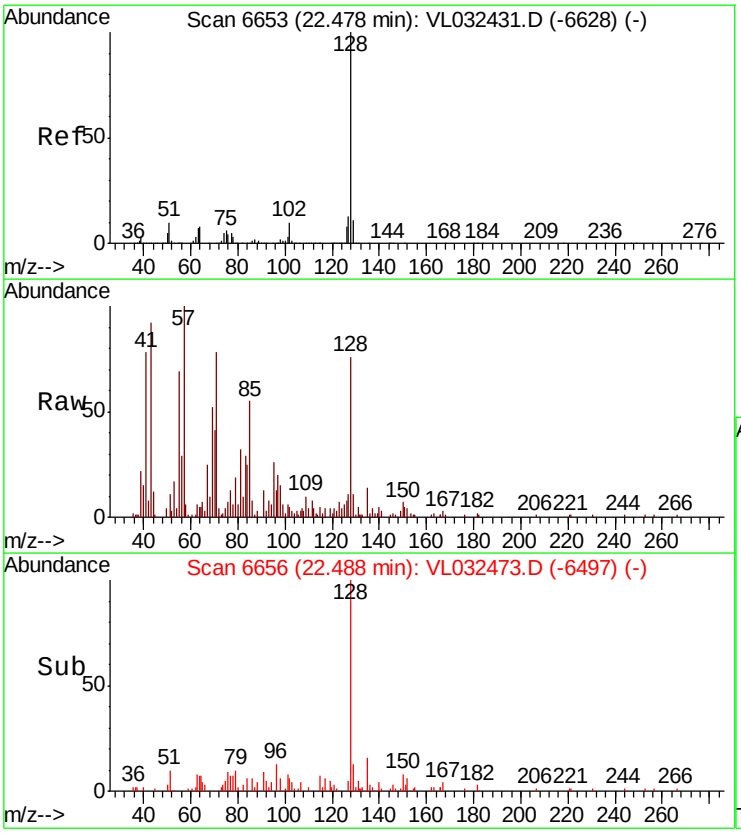
#74
1,2,4-Trimethylbenzene
Concen: 1.745 ppbv
RT: 16.99 min Scan# 4946
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion:105 Resp: 713867

Ion	Ratio	Lower	Upper
105	100		
120	44.3	37.8	56.8
91	10.7	41.4	62.0#
77	18.0	18.6	28.0#

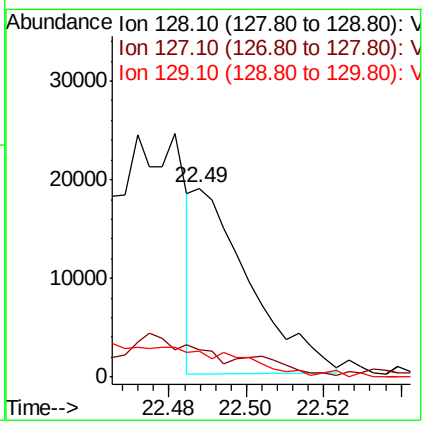


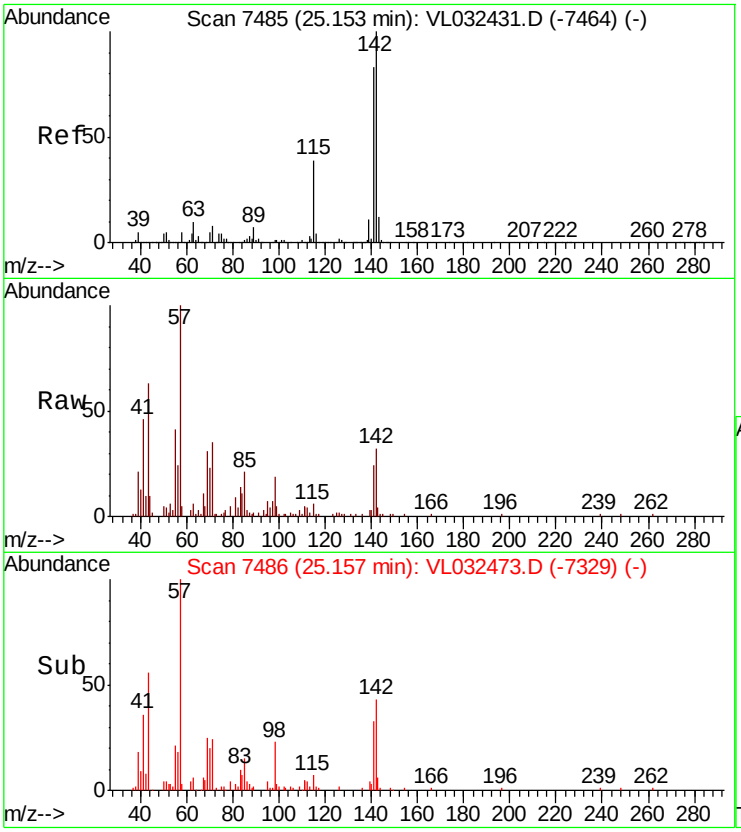


#79
Naphthalene
Concen: 0.057 ppbv
RT: 22.49 min Scan# 6656
Delta R.T. 0.01 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Tgt Ion:128 Resp: 18828

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.2
129	11.2	8.5	12.7





#80
Naphthalene,2-methyl-
Concen: 0.226 ppbv
RT: 25.16 min Scan# 7486
Delta R.T. 0.00 min
Lab File: VL032473.D
Acq: 6 Sep 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Tgt Ion:142 Resp: 20018

Ion	Ratio	Lower	Upper
142	100		
141	82.9	67.0	100.6
115	60.3	31.3	46.9#