Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080118\
Data File : VL032341.D
Acq On : 2 Aug 2018 3:20
Operator : SY/AP
Sample : J4258-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 02 06:45:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 27 07:05:37 2018
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.85	49	1802523	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.38	114	4527956	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.32	117	4478031	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.66	95	3547381	10.21	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.12	85	29926	0.138	ppbv		92
3) Chlorodifluoromethane	3.05	51	94179	0.523	ppbv	#	87
4) Chloromethane	3.21	50	211780	1.941	ppbv		98
7) Chloroethane	3.65	64	6000	0.170	ppbv		92
9) Propene	3.08	41	4654883	57.443	ppbv		96
10) Heptane	8.32	43	593437	2.086	ppbv	#	28
11) Trichlorofluoromethane	4.06	101	53911	0.260	ppbv		90
12) 1,1,2-Trichlorotrifluoroet	4.62	101	5364	0.038	ppbv	#	17
13) Ethanol	3.73	45	1420378	60.990	ppbv		99
15) Acetone	4.12	43	446058	2.626	ppbv	#	1
16) 1,3-Butadiene	3.44	39	854162	9.698	ppbv	#	3
17) tert-Butyl alcohol	4.45	59	25485483	471.991	ppbv	#	93
19) Isopropyl Alcohol	4.11	45	1614355	14.241	ppbv	#	95
20) Methylene Chloride	4.49	84	147822	2.165	ppbv	#	73
21) Allyl Chloride	4.45	41	8880037	76.620	ppbv	#	63
23) Vinyl Acetate	5.22	43	3633203	11.922	ppbv	#	76
25) Ethyl Acetate	5.85	43	719475	1.887	ppbv	#	84
26) Hexane	5.85	57	677483	3.927	ppbv	#	22
27) Carbon Disulfide	4.68	76	862533	5.500	ppbv		97
28) Methyl tert-Butyl Ether	5.17	73	136907	0.587	ppbv	#	51
30) Cyclohexane	7.32	84	546211	4.058	ppbv	#	78
34) 2-Butanone	5.41	43	25937466	88.500	ppbv	#	74
35) Carbon Tetrachloride	7.21	117	8578	0.033	ppbv		91
36) Benzene	7.09	78	1381242	3.461	ppbv		99
39) 1,2-Dichloropropane	7.38	63	1237276	6.162	ppbv	#	26
41) Tetrahydrofuran	6.23	42	92431	0.558	ppbv	#	85
42) Bromodichloromethane	8.00	83	121152	0.324	ppbv	#	27
43) Methyl Methacrylate	8.26	69	235980	1.232	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.07	57	1555712	1.797	ppbv	#	50
50) 4-Methyl-2-Pentanone	8.95	43	301447	0.583	ppbv	#	87
51) 2-Hexanone	10.35	43	6593011	16.731	ppbv	#	96
53) Toluene	10.03	91	580016	1.216	ppbv		99
58) Ethyl Benzene	12.95	91	201141	0.358	ppbv		98
59) m/p-Xylene	13.23	91	59002	0.123	ppbv	#	31
60) o-Xylene	13.93	91	229704	0.490	ppbv		100
61) Styrene	13.77	104	98036	0.284	ppbv		92
62) Isopropylbenzene	14.91	105	188845	0.284	ppbv		100
64) n-propylbenzene	15.81	120	7540	0.044	ppbv	#	1
65) tert-Butylbenzene	17.00	119	19309	0.034	ppbv	#	21
71) 2-Chlorotoluene	15.80	91	32558	0.062	ppbv		79
72) 4-Ethyltoluene	16.09	105	39134	0.075	ppbv	#	15

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080118\
Data File : VL032341.D
Acq On : 2 Aug 2018 3:20
Operator : SY/AP
Sample : J4258-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 02 06:45:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 27 07:05:37 2018
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	16.24	105	65858	0.127	ppbv		99
74) 1,2,4-Trimethylbenzene	17.00	105	273470	0.502	ppbv	#	76
79) Naphthalene	22.50	128	157115	0.332	ppbv	#	93
80) Naphthalene,2-methyl-	25.18	142	17300	0.092	ppbv	#	94

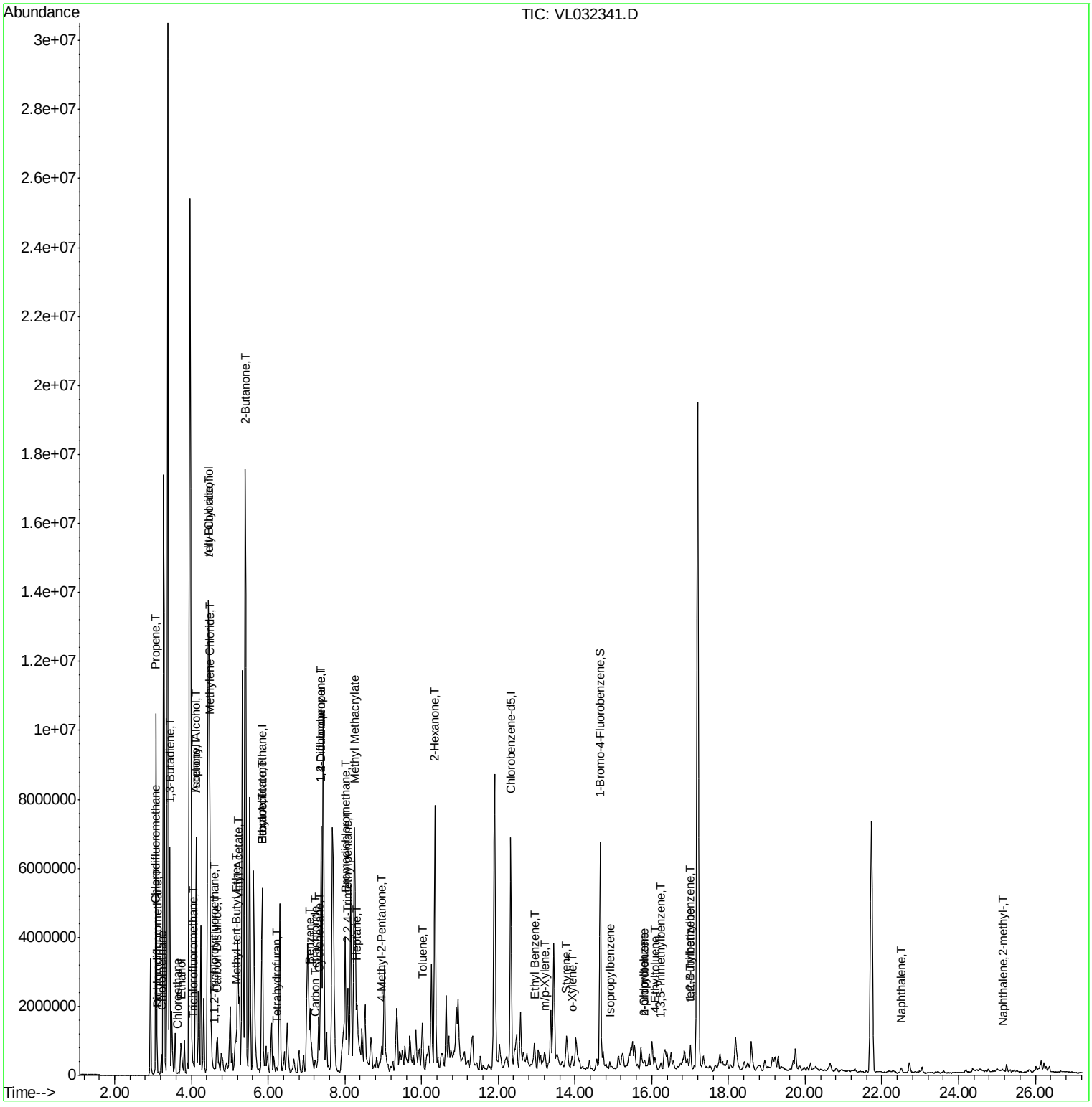
(#) = qualifier out of range (m) = manual integration (+) = signals summed

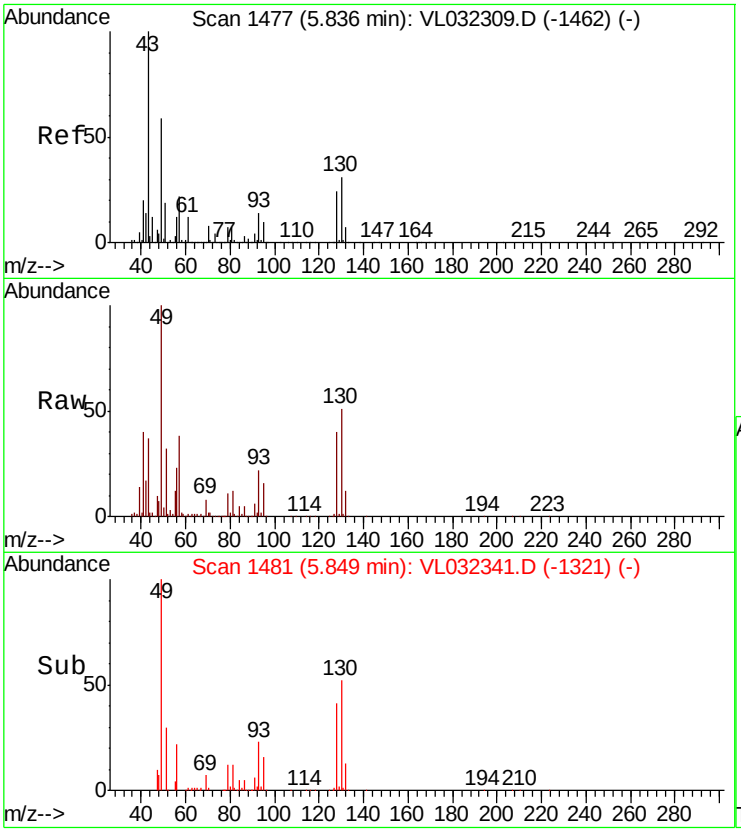
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080118\
Data File : VL032341.D
Acq On : 2 Aug 2018 3:20
Operator : SY/AP
Sample : J4258-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 02 06:45:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 27 07:05:37 2018
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration



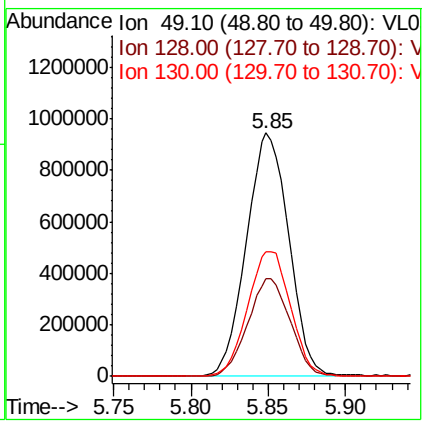


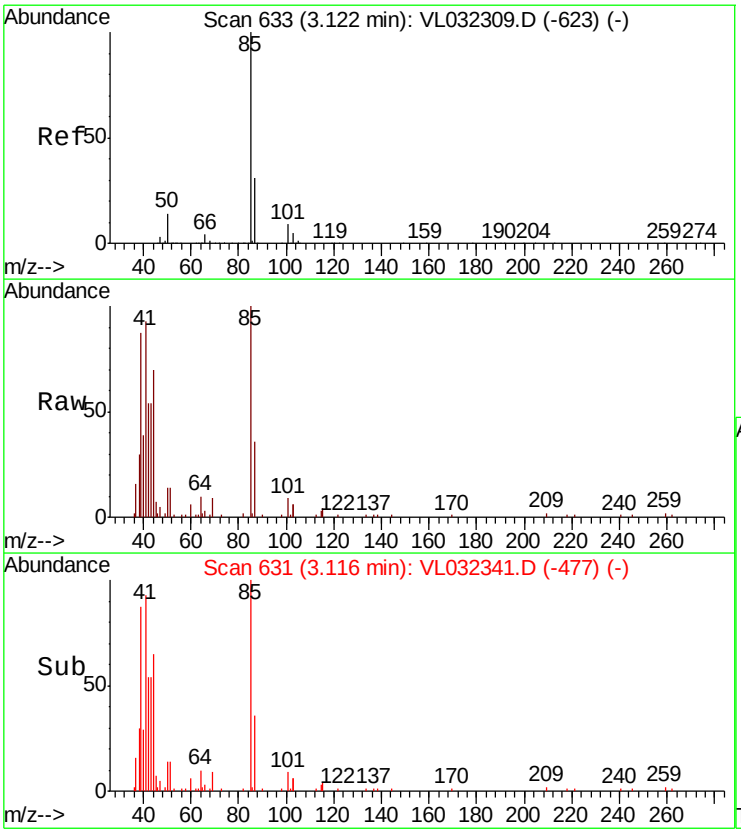
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. 0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1802523

Ion	Ratio	Lower	Upper
49	100		
128	40.2	20.2	60.6
130	51.9	25.8	77.3

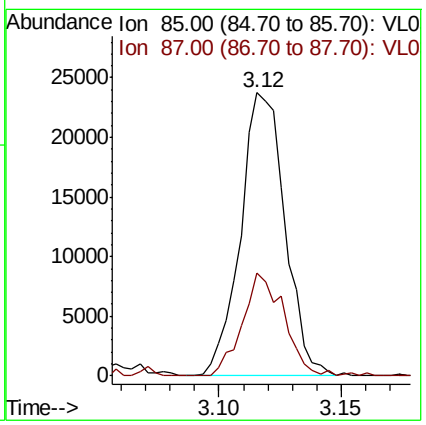


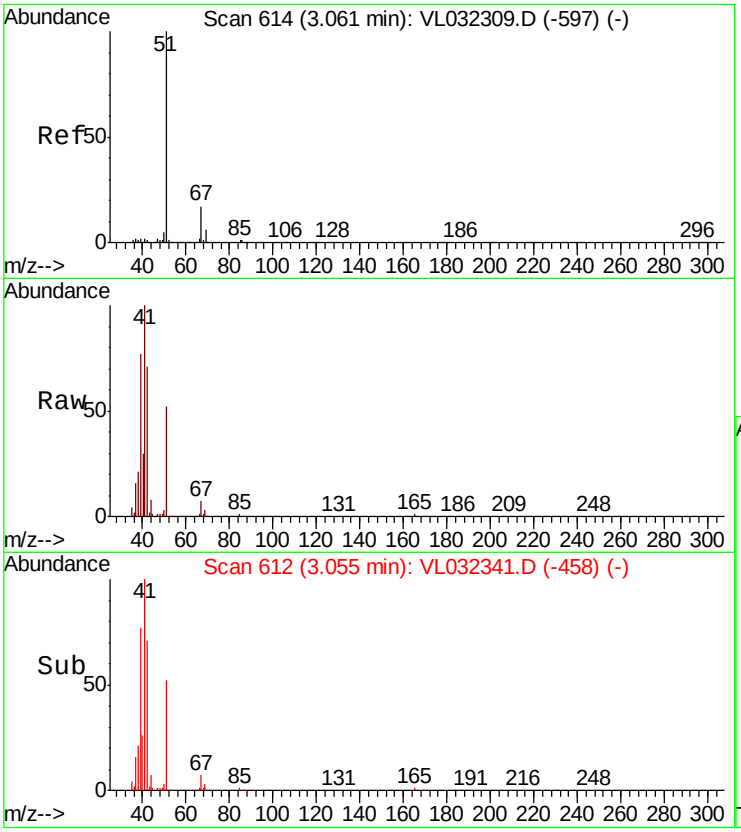


#2
Dichlorodifluoromethane
Concen: 0.138 ppbv
RT: 3.12 min Scan# 631
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 85 Resp: 29926

Ion	Ratio	Lower	Upper
85	100		
87	36.2	25.2	37.8



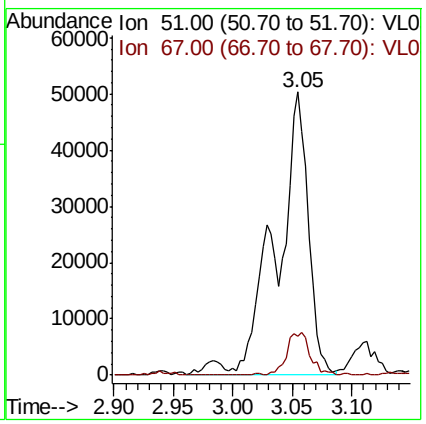


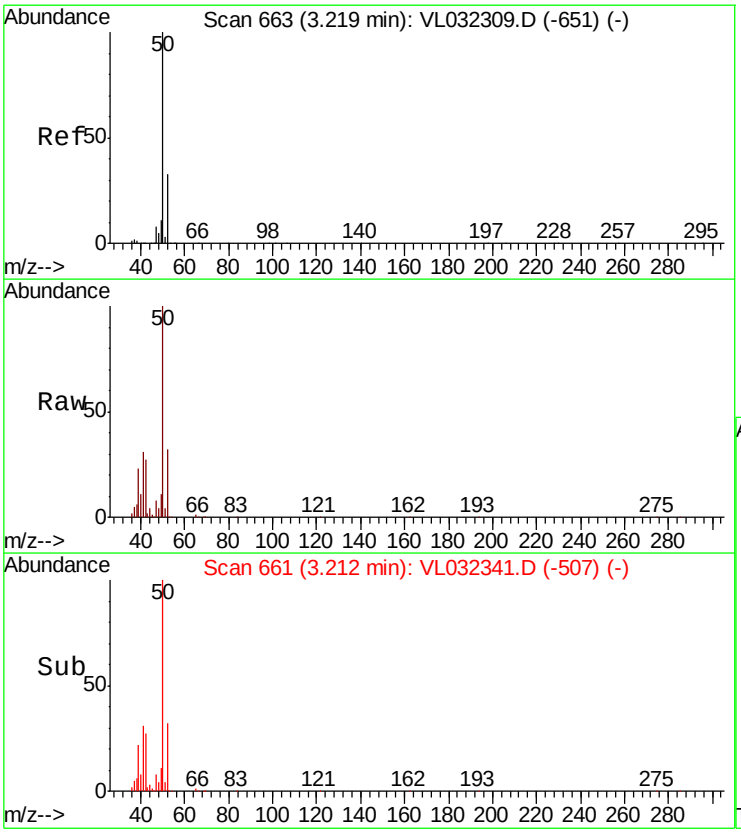
#3
Chlorodifluoromethane
Concen: 0.523 ppbv
RT: 3.05 min Scan# 612
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 94179

Ion	Ratio	Lower	Upper
51	100		
67	11.1	13.5	20.3#

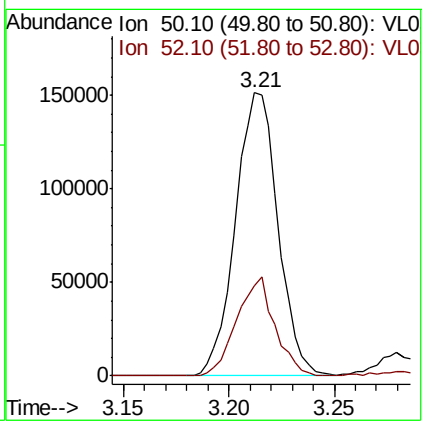


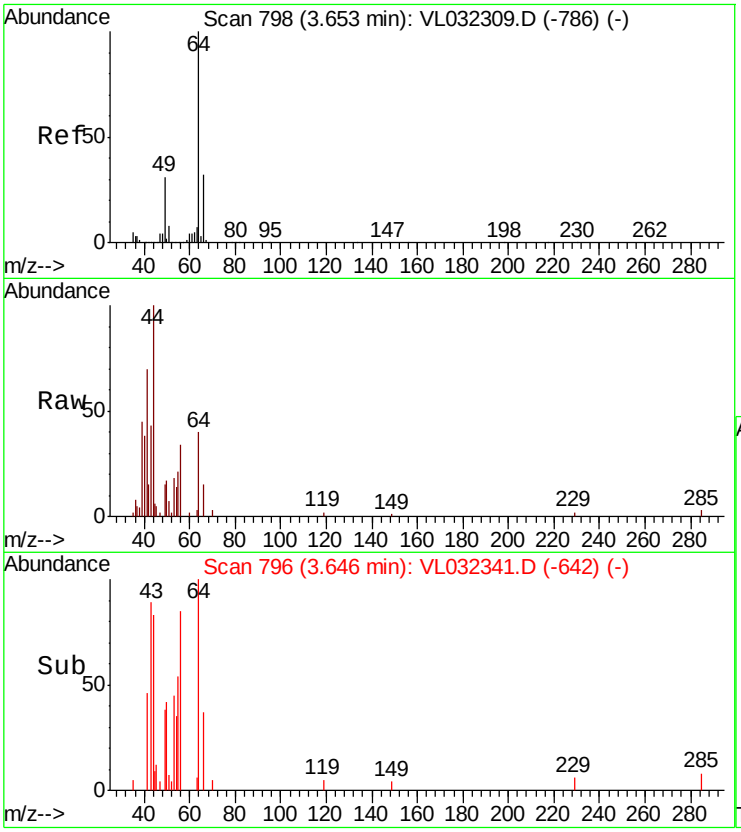


#4
Chloromethane
Concen: 1.941 ppbv
RT: 3.21 min Scan# 661
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 50 Resp: 211780

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.2	39.4

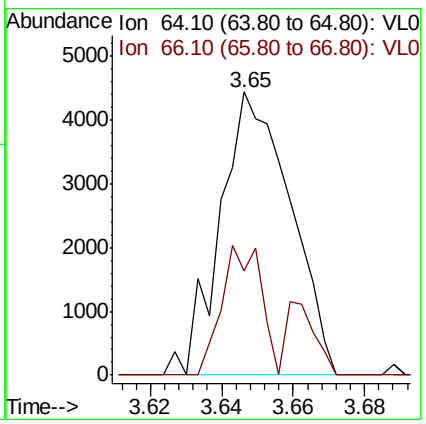




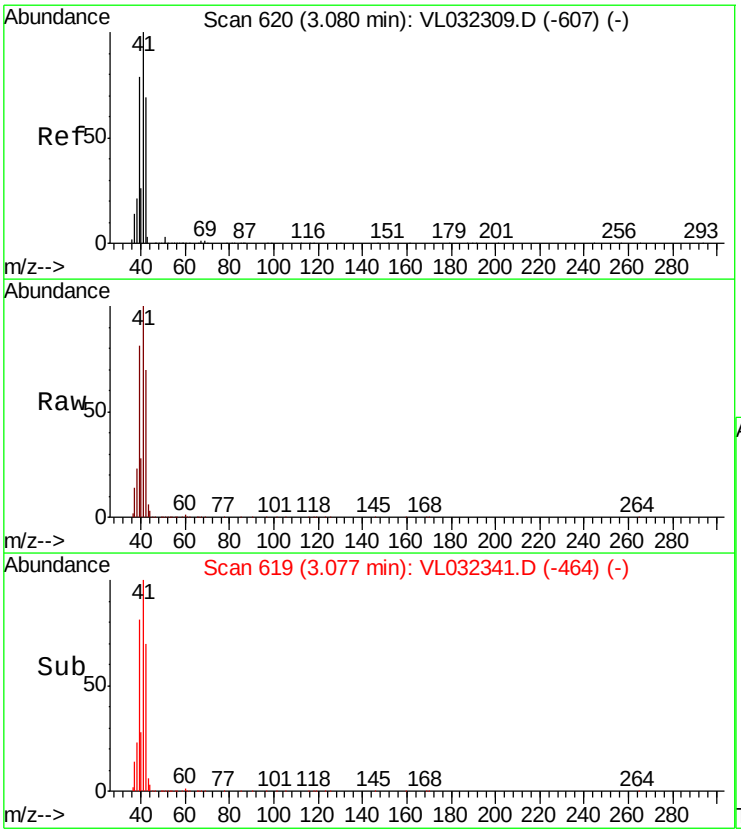
#7
Chloroethane
Concen: 0.170 ppbv
RT: 3.65 min Scan# 796
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 64 Resp: 6000

Ion	Ratio	Lower	Upper
64	100		
66	36.8	25.7	38.5



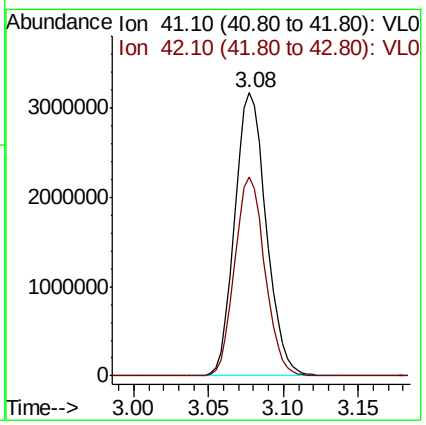
Instrument :
MSVOA_L
ClientSampleId :

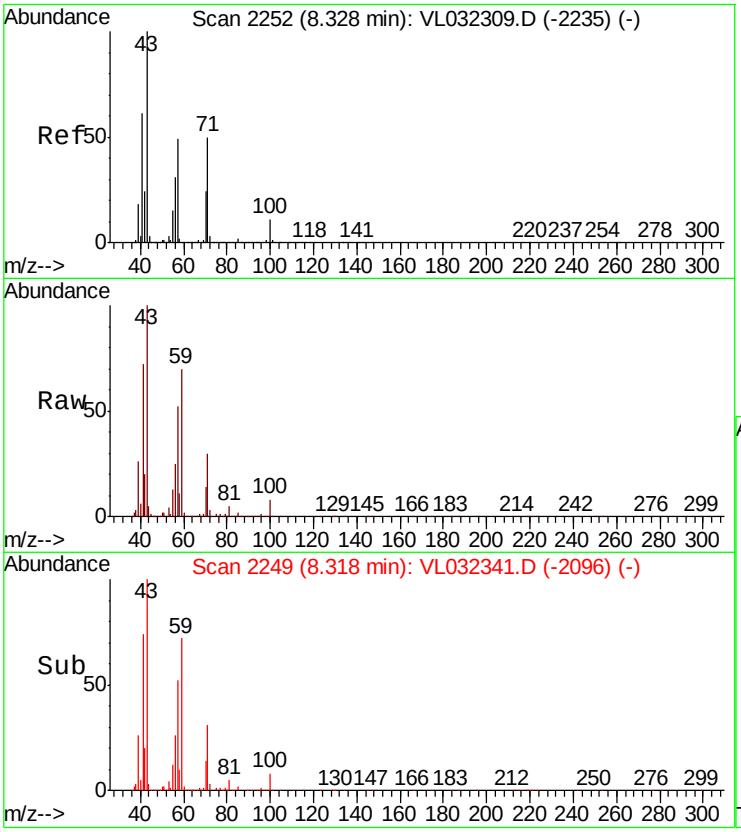


#9
Propene
Concen: 57.443 ppbv
RT: 3.08 min Scan# 619
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 41 Resp: 4654883

Ion	Ratio	Lower	Upper
41	100		
42	67.9	56.8	85.2



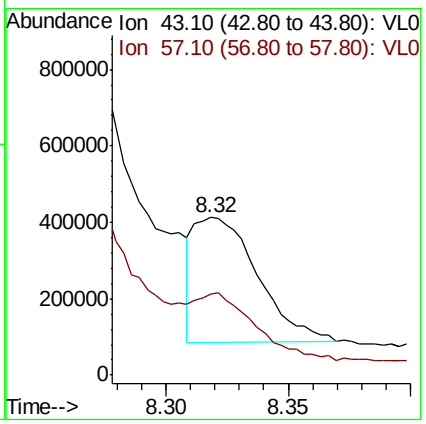


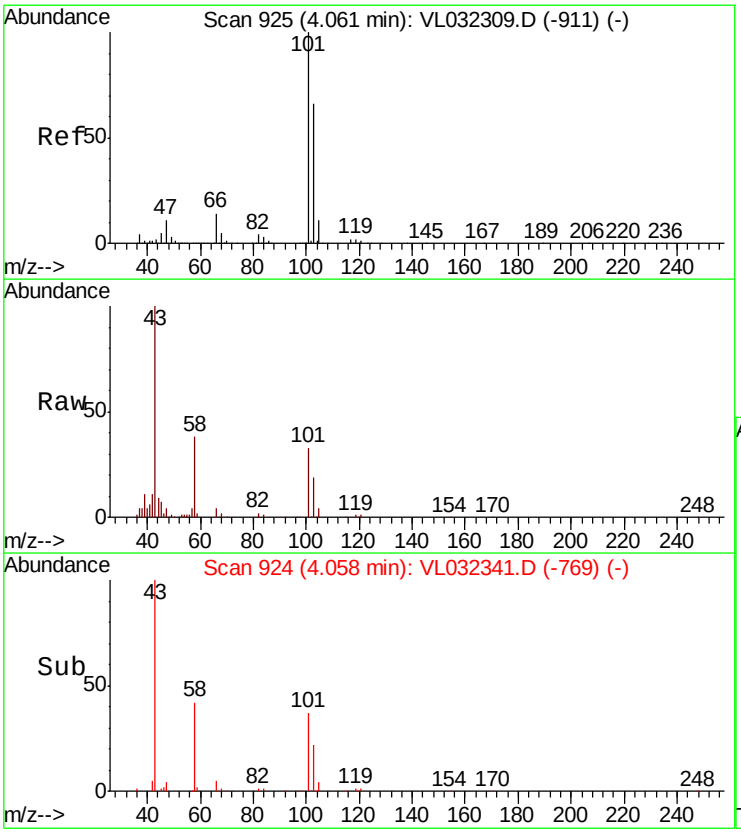
#10
Heptane
Concen: 2.086 ppbv
RT: 8.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 593437

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.0	58.4#

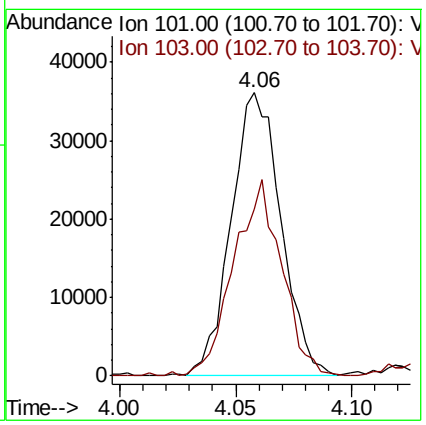


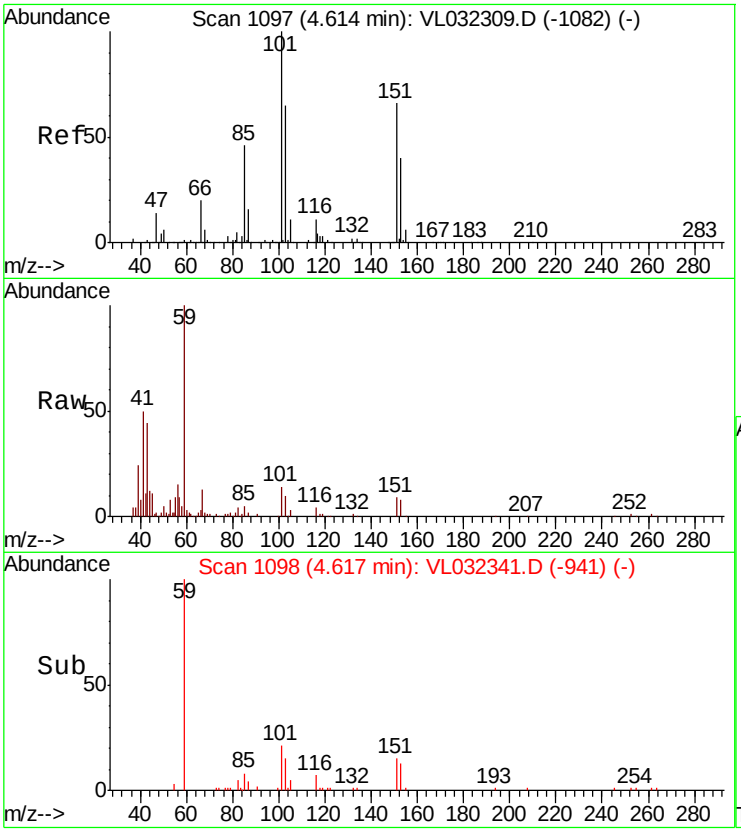


#11
Trichlorofluoromethane
Concen: 0.260 ppbv
RT: 4.06 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion:101 Resp: 53911

Ion	Ratio	Lower	Upper
101	100		
103	58.1	52.6	78.8



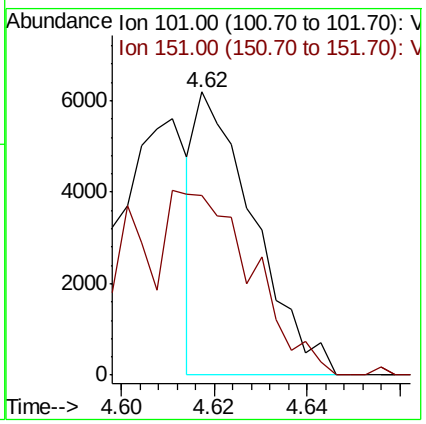


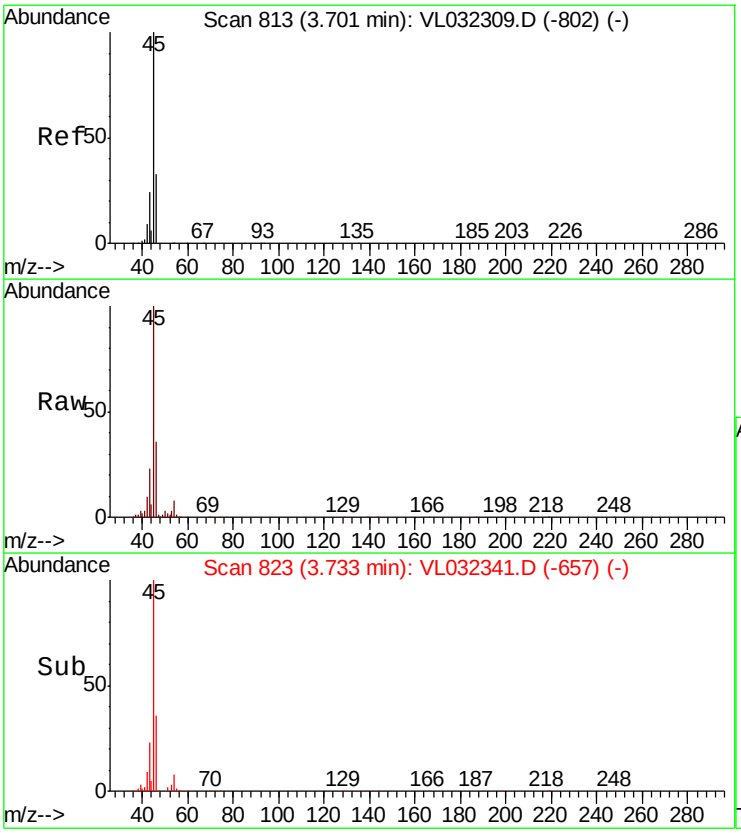
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.038 ppbv
RT: 4.62 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 5364

Ion	Ratio	Lower	Upper
101	100		
151	0.0	52.4	78.6#

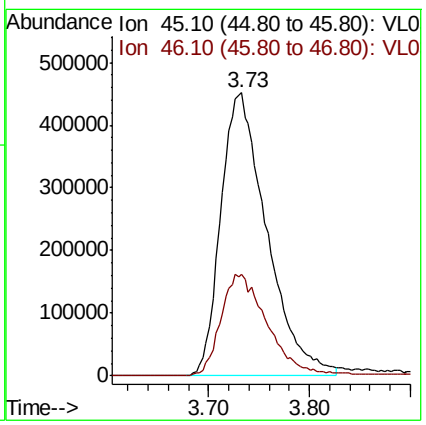


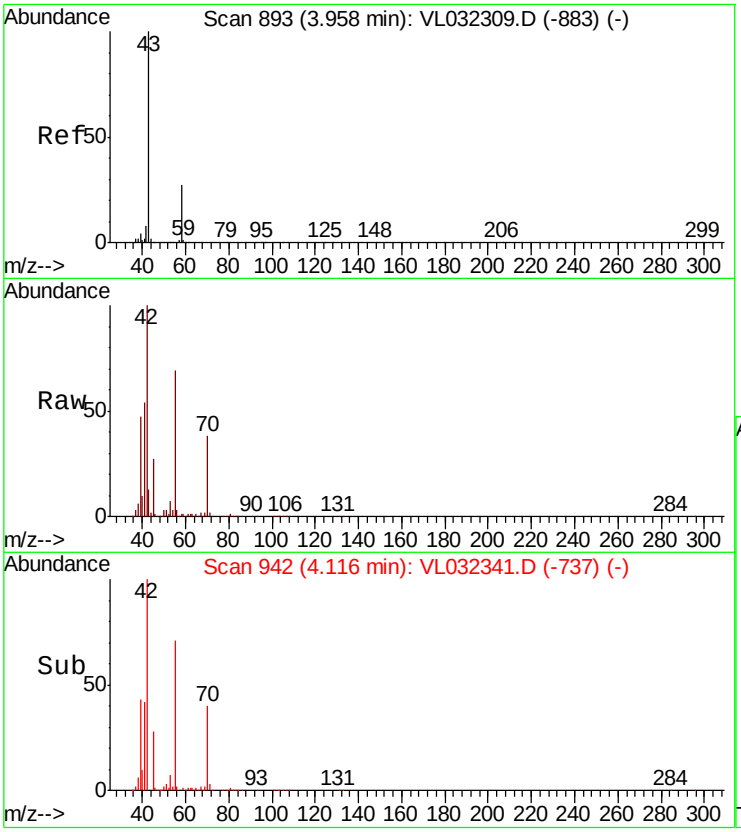


#13
Ethanol
Concen: 60.990 ppbv
RT: 3.73 min Scan# 823
Delta R.T. 0.03 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 45 Resp: 1420378

Ion	Ratio	Lower	Upper
45	100		
46	37.4	15.2	60.6



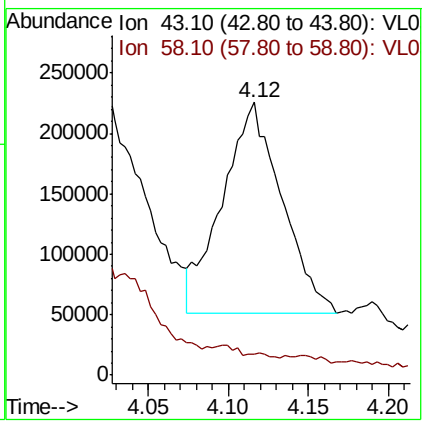


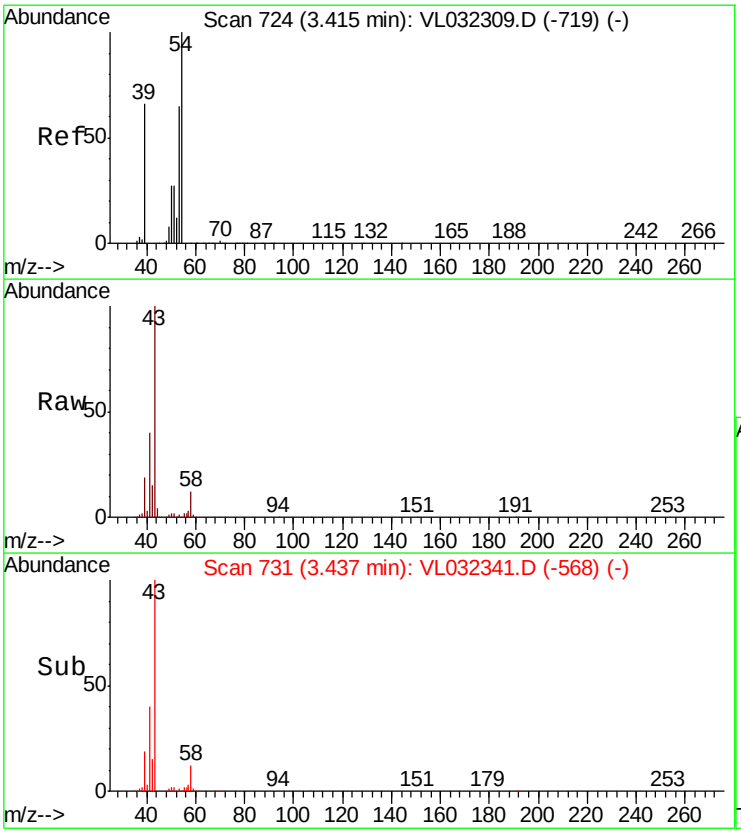
#15
Acetone
Concen: 2.626 ppbv
RT: 4.12 min Scan# 942
Delta R.T. 0.16 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 446058

Ion	Ratio	Lower	Upper
43	100		
58	4168.4	22.5	33.7#

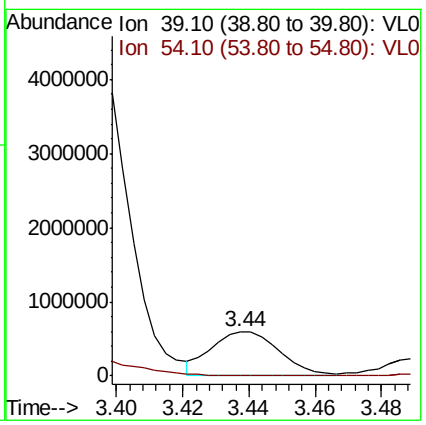


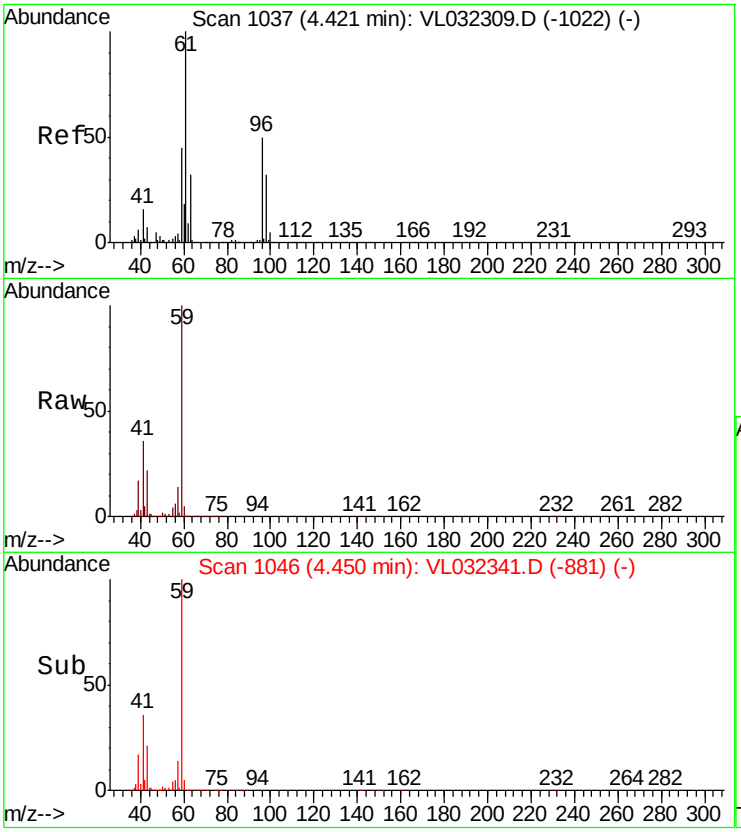


#16
1,3-Butadiene
Concen: 9.698 ppbv
RT: 3.44 min Scan# 731
Delta R.T. 0.02 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 39 Resp: 854162

Ion	Ratio	Lower	Upper
39	100		
54	0.0	74.3	111.5#



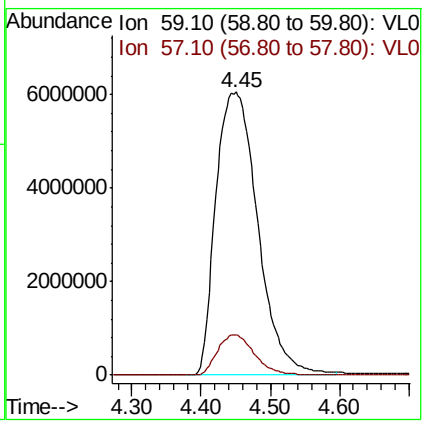


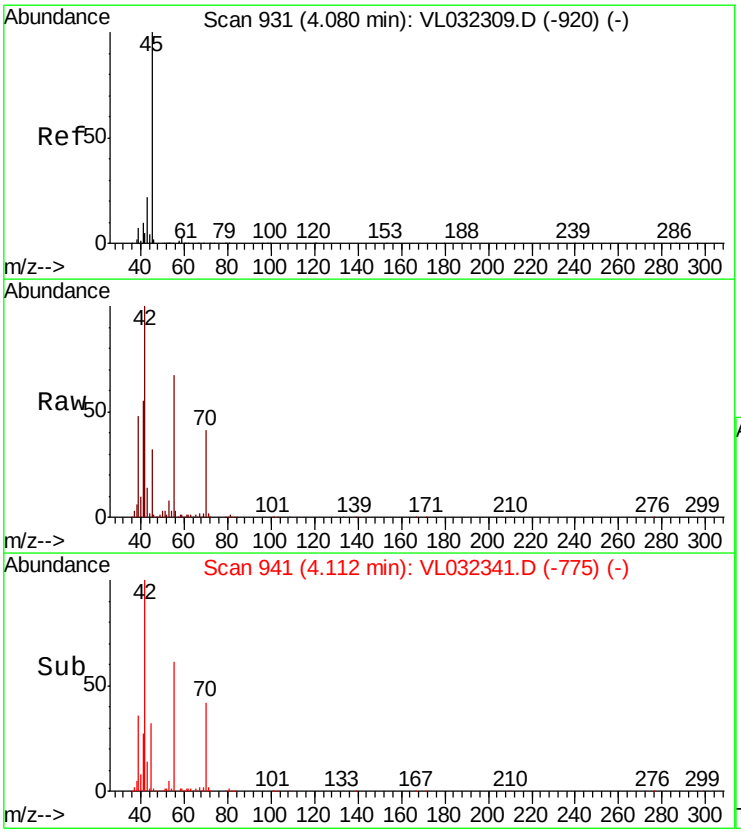
#17
tert-Butyl alcohol
Concen: 471.991 ppbv
RT: 4.45 min Scan# 1046
Delta R.T. 0.03 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp:25485483

Ion	Ratio	Lower	Upper
59	100		
57	12.7	8.0	12.0#

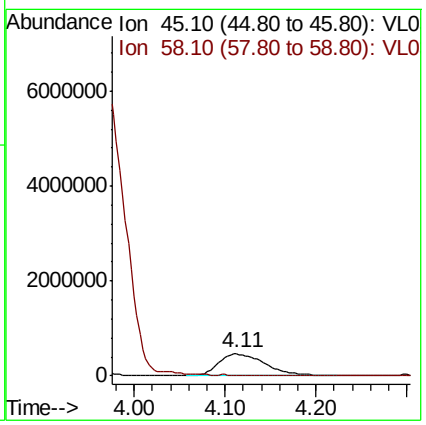


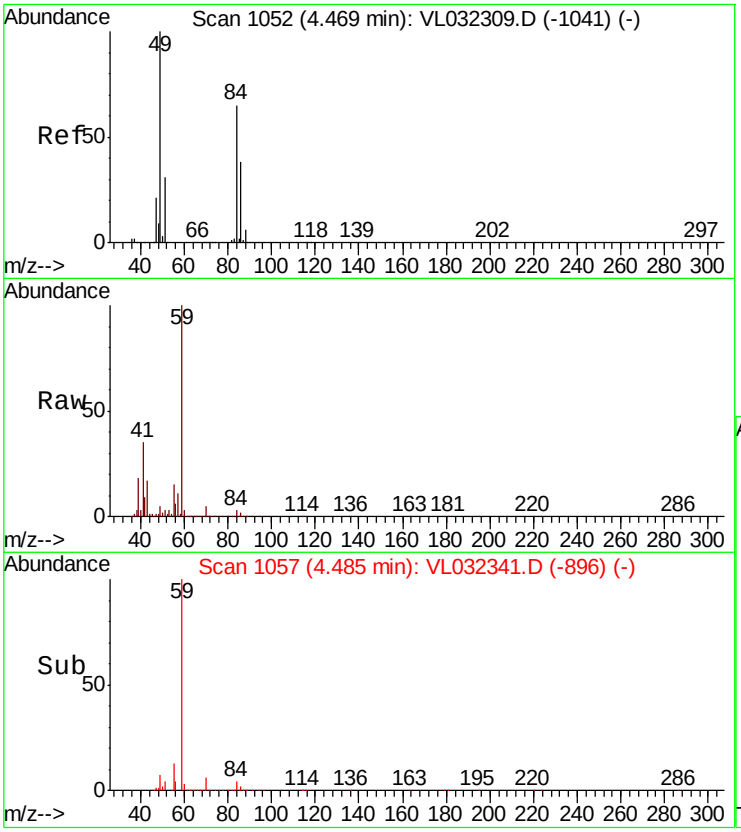


#19
Isopropyl Alcohol
Concen: 14.241 ppbv
RT: 4.11 min Scan# 941
Delta R.T. 0.03 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 45 Resp: 1614355

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#



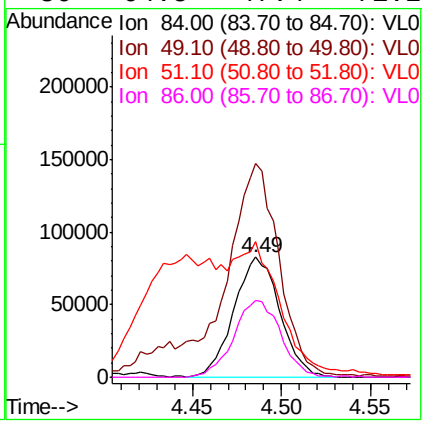


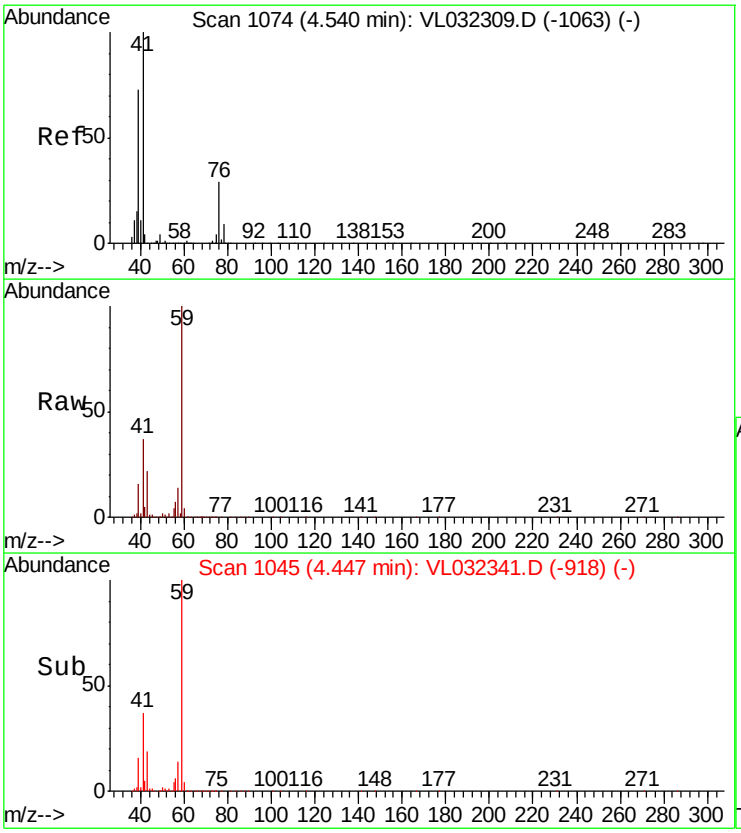
#20
Methylene Chloride
Concen: 2.165 ppbv
RT: 4.49 min Scan# 1057
Delta R.T. 0.02 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 147822

Ion	Ratio	Lower	Upper
84	100		
49	176.1	123.4	185.0
51	105.9	38.2	57.2#
86	64.5	47.4	71.2

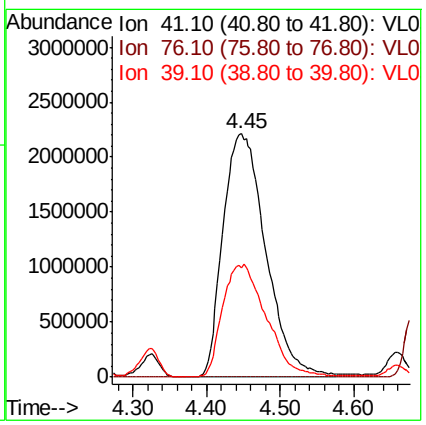


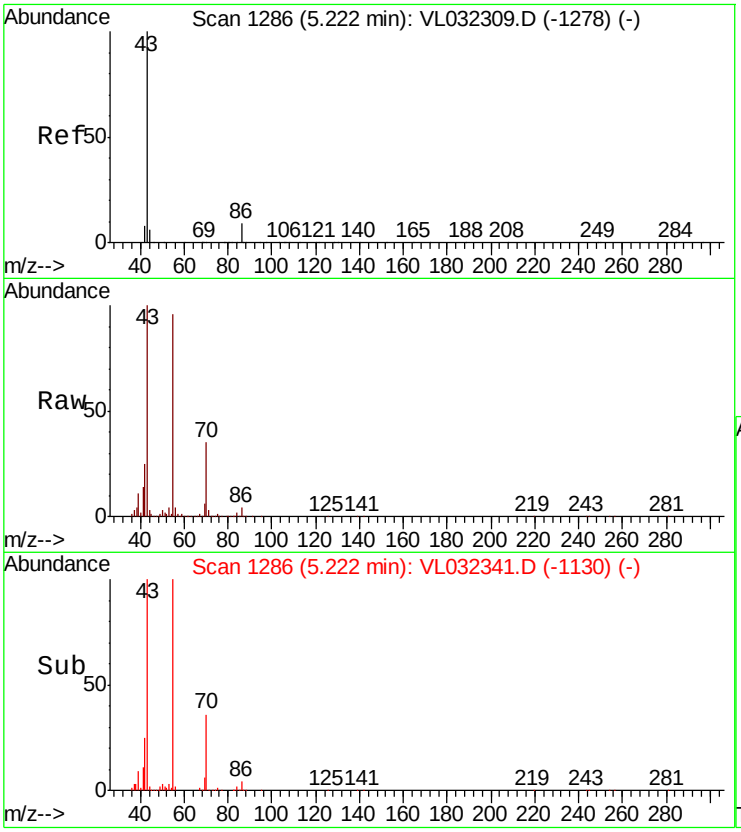


#21
Allyl Chloride
Concen: 76.620 ppbv
RT: 4.45 min Scan# 1045
Delta R.T. -0.09 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 41 Resp: 8880037

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.1	34.7#
39	47.4	58.2	87.2#



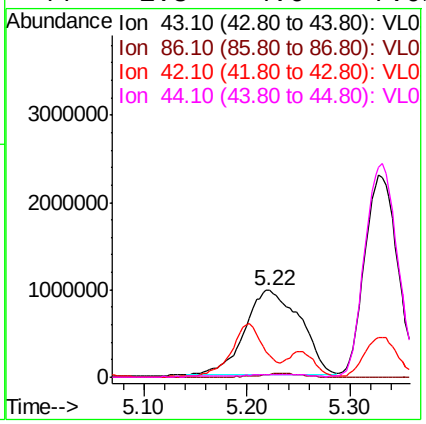


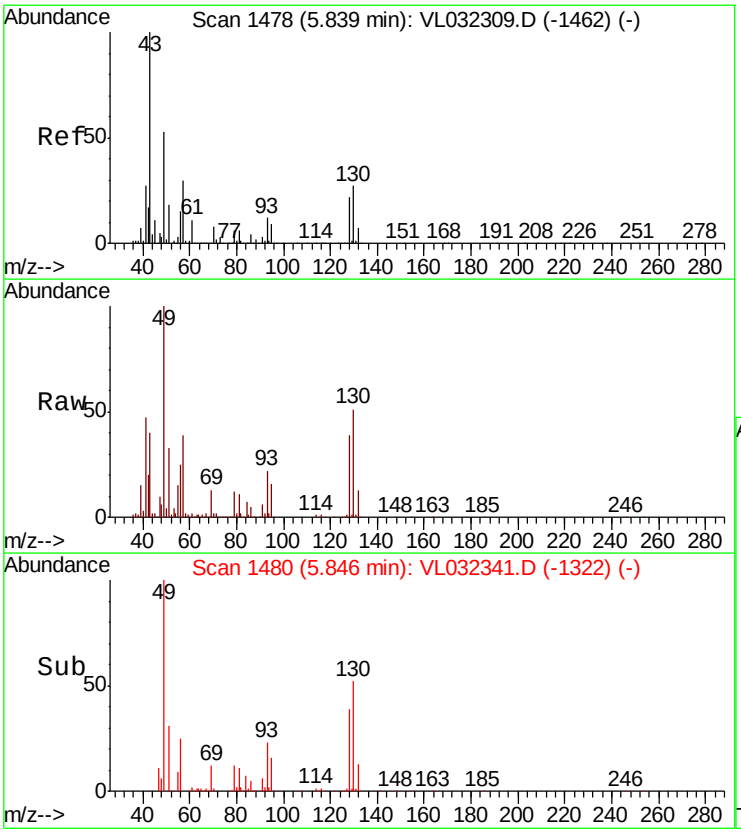
#23
Vinyl Acetate
Concen: 11.922 ppbv
RT: 5.22 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3633203

Ion	Ratio	Lower	Upper
43	100		
86	3.6	6.3	9.5#
42	24.6	7.0	10.4#
44	1.8	4.6	7.0#

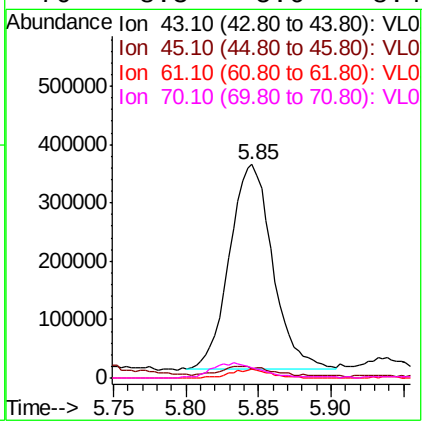


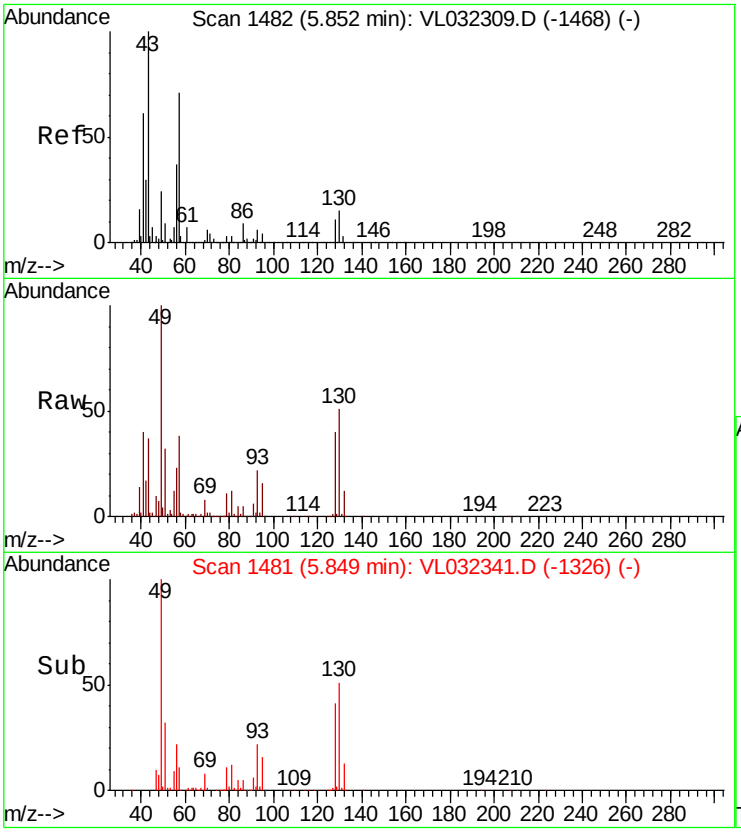


#25
Ethyl Acetate
Concen: 1.887 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 43 Resp: 719475

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	4.0	7.4	11.0#
70	8.3	5.6	8.4



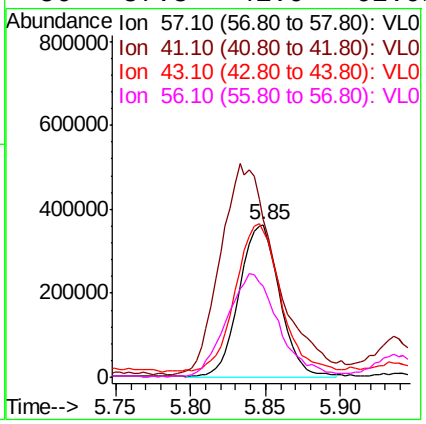


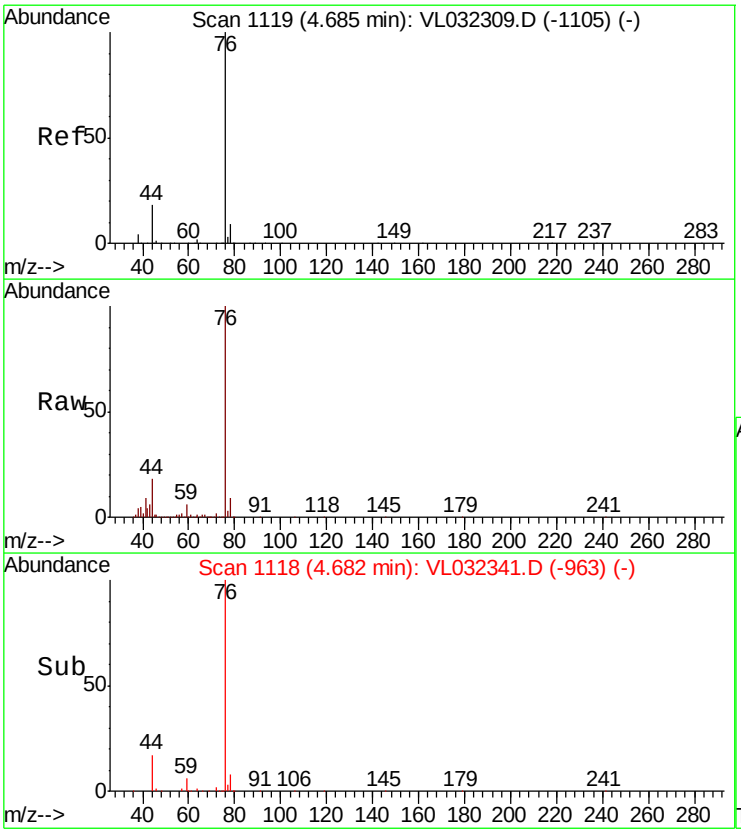
#26
Hexane
Concen: 3.927 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 677483

Ion	Ratio	Lower	Upper
57	100		
41	191.6	68.1	102.1#
43	107.6	177.4	266.2#
56	87.3	41.9	62.9#

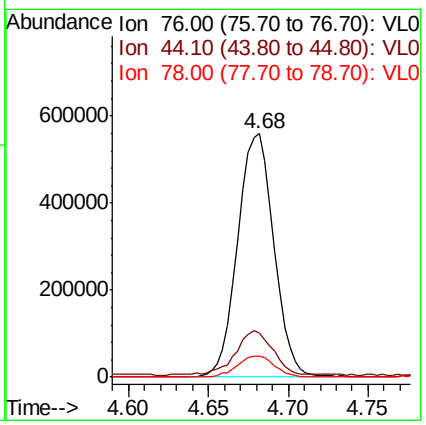


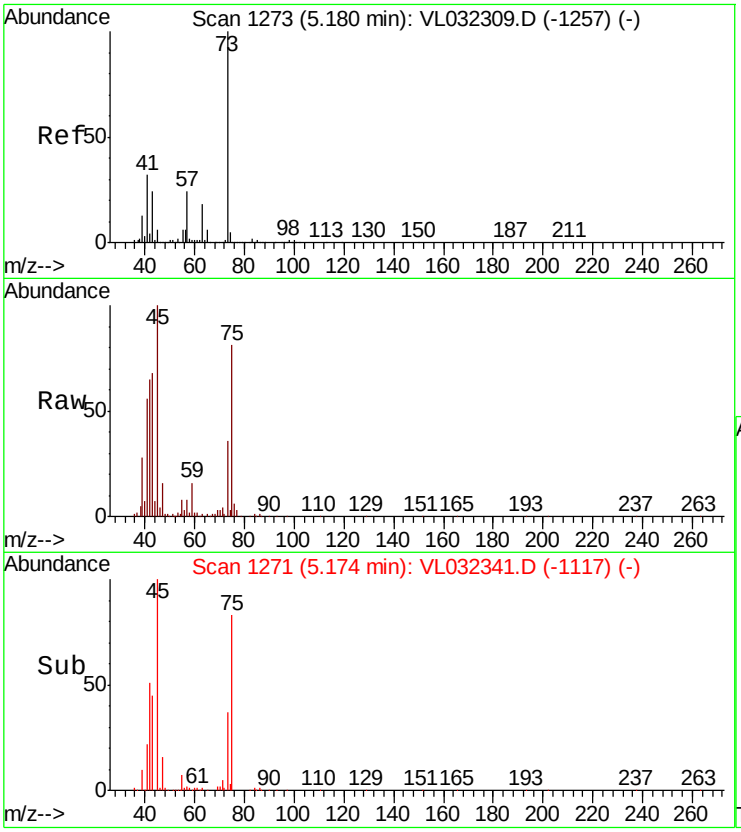


#27
Carbon Disulfide
Concen: 5.500 ppbv
RT: 4.68 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 76 Resp: 862533

Ion	Ratio	Lower	Upper
76	100		
44	19.5	14.0	21.0
78	9.0	7.5	11.3



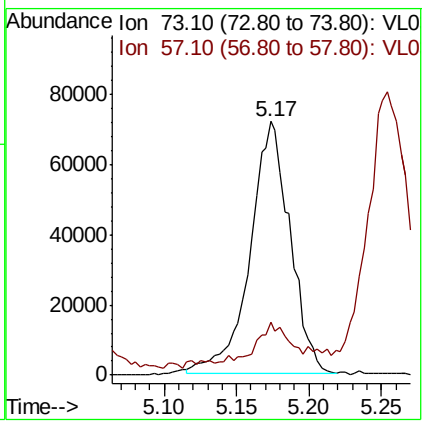


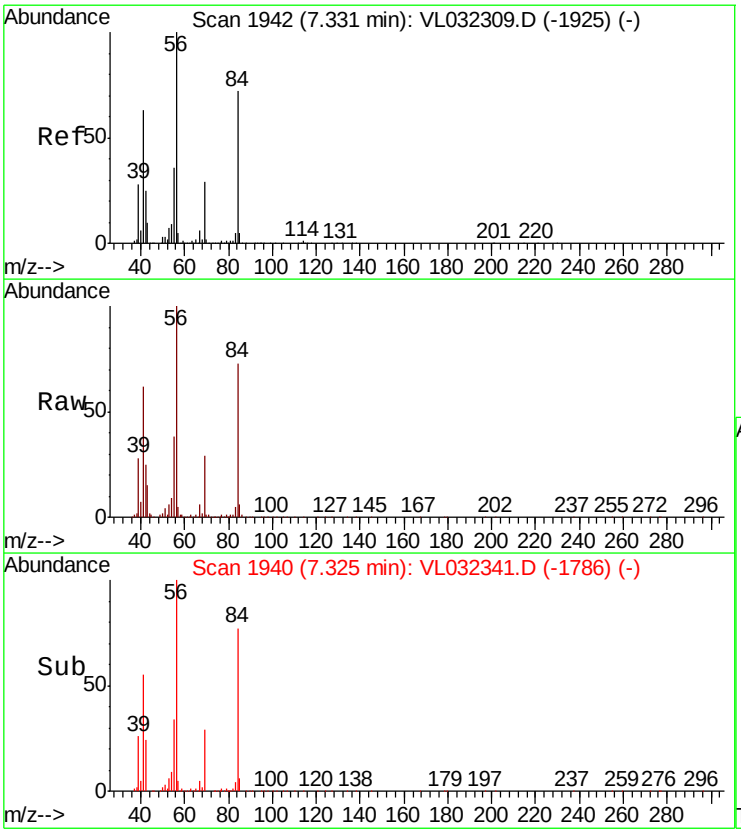
#28
Methyl tert-Butyl Ether
Concen: 0.587 ppbv
RT: 5.17 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 73 Resp: 136907

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.4	29.0#

Instrument :
MSVOA_L
ClientSampleId :

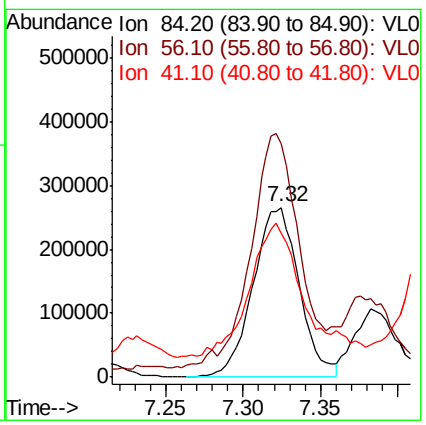


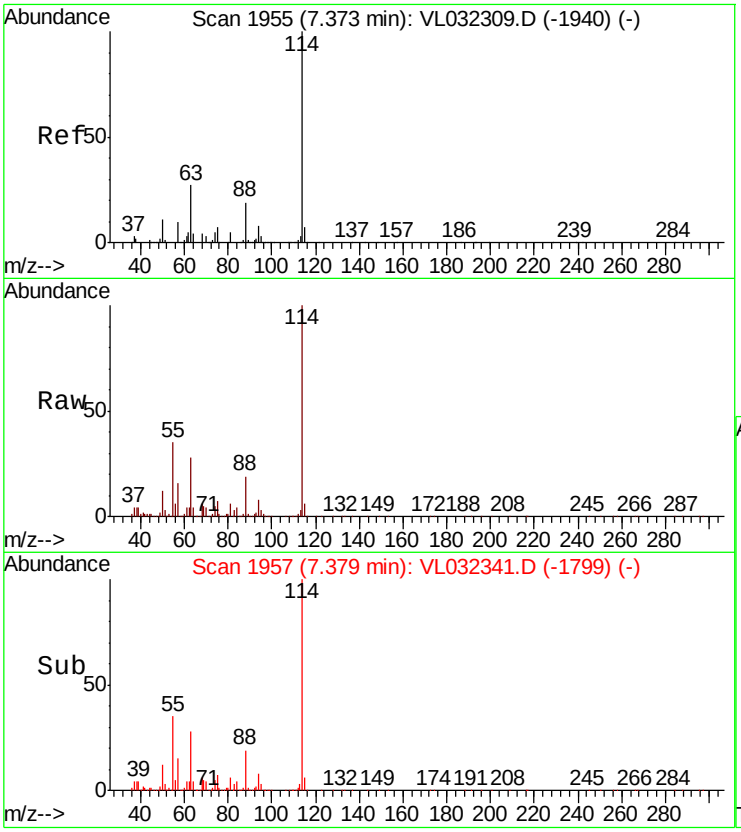


#30
Cyclohexane
Concen: 4.058 ppbv
RT: 7.32 min Scan# 1940
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 84 Resp: 546211

Ion	Ratio	Lower	Upper
84	100		
56	161.3	116.8	175.2
41	123.5	70.0	105.0#



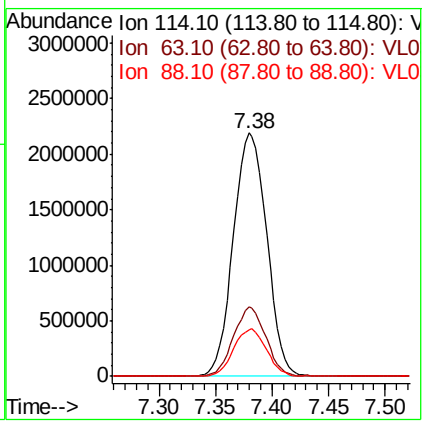


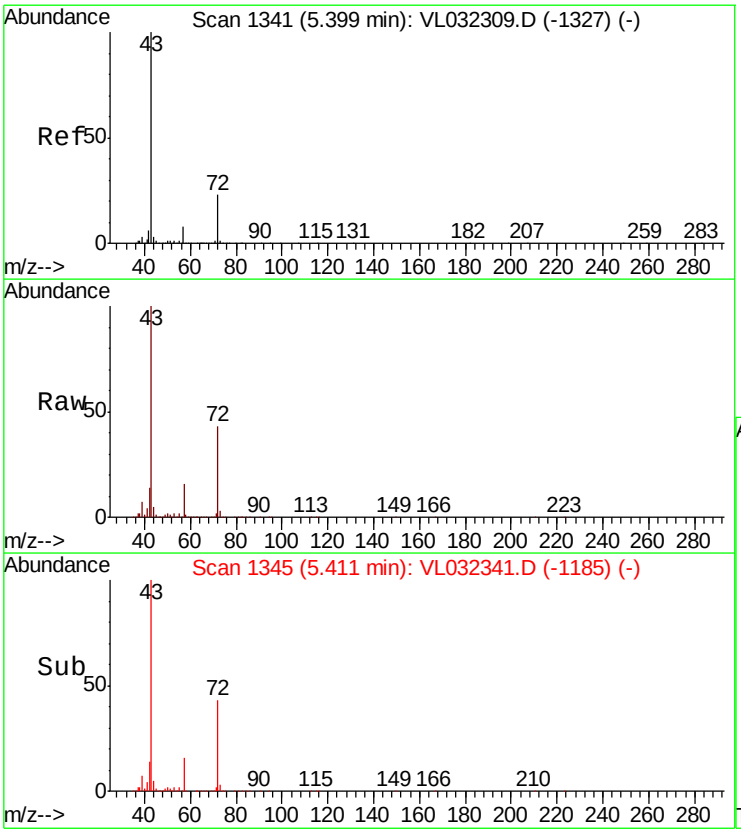
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4527956

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.4	33.6
88	19.2	15.3	22.9

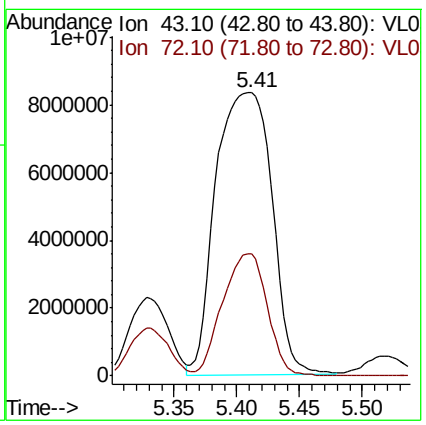


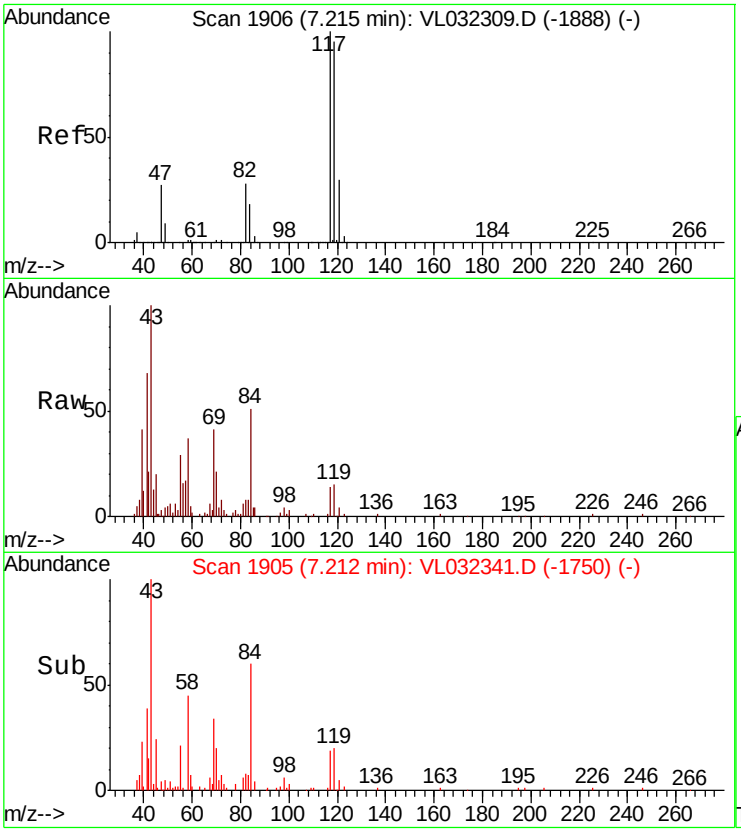


#34
2-Butanone
Concen: 88.500 ppbv
RT: 5.41 min Scan# 1345
Delta R.T. 0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 43 Resp:25937466

Ion	Ratio	Lower	Upper
43	100		
72	34.4	17.4	26.2#



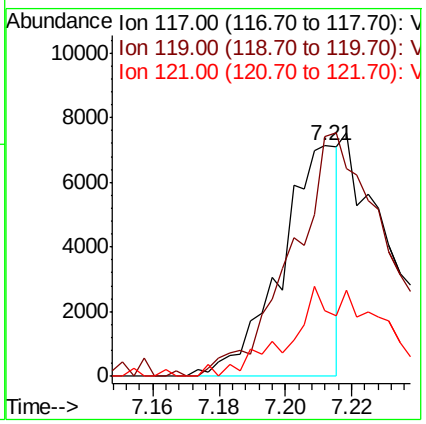


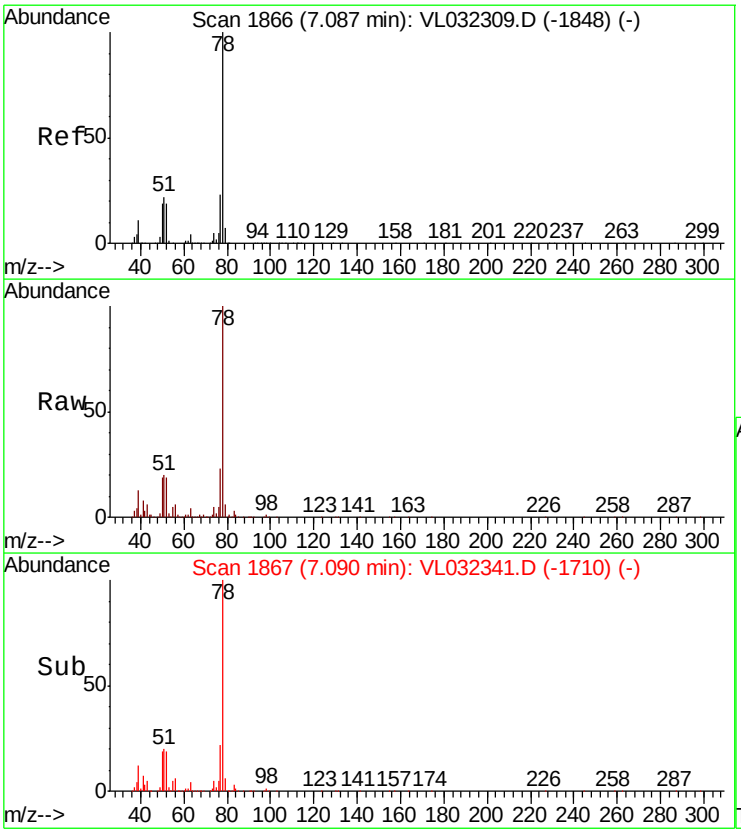
#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.21 min Scan# 1905
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 8578

Ion	Ratio	Lower	Upper
117	100		
119	106.0	76.1	114.1
121	28.6	24.4	36.6

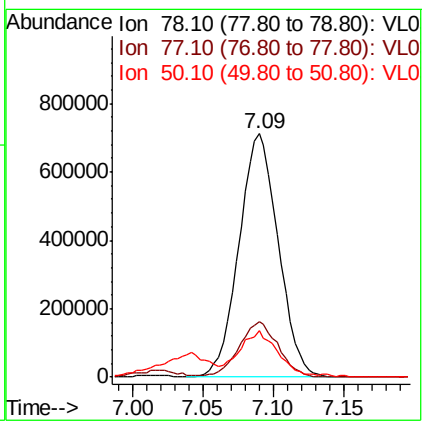


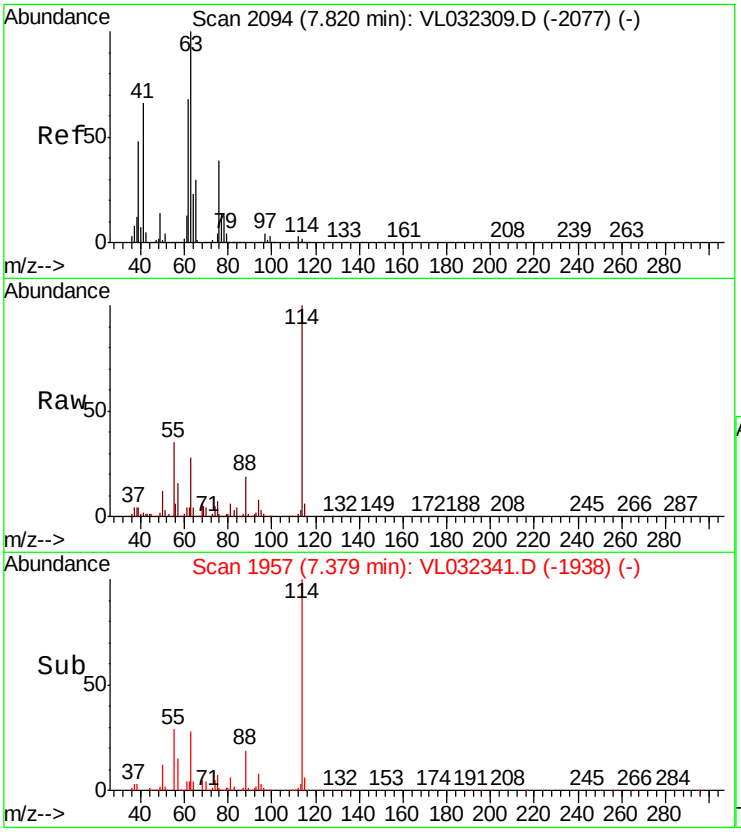


#36
Benzene
Concen: 3.461 ppbv
RT: 7.09 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 78 Resp: 1381242

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.4	27.6
50	18.7	15.3	22.9



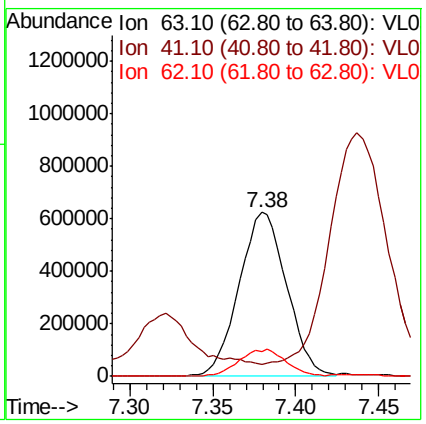


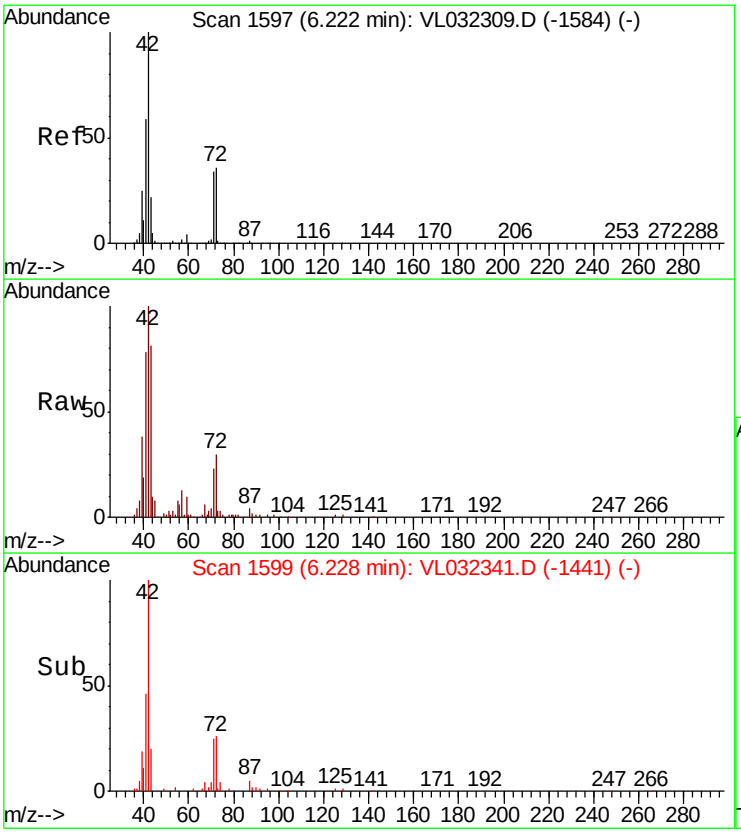
#39
1,2-Dichloropropane
Concen: 6.162 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.44 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1237276

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.5	78.7#
62	14.6	54.6	81.8#

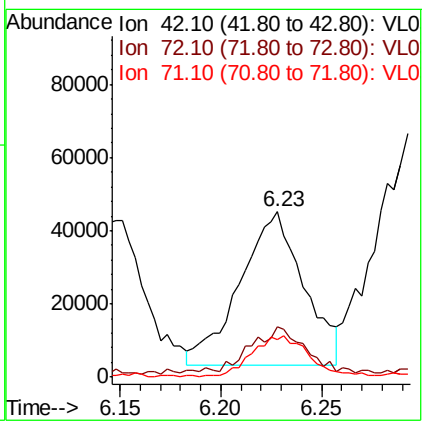


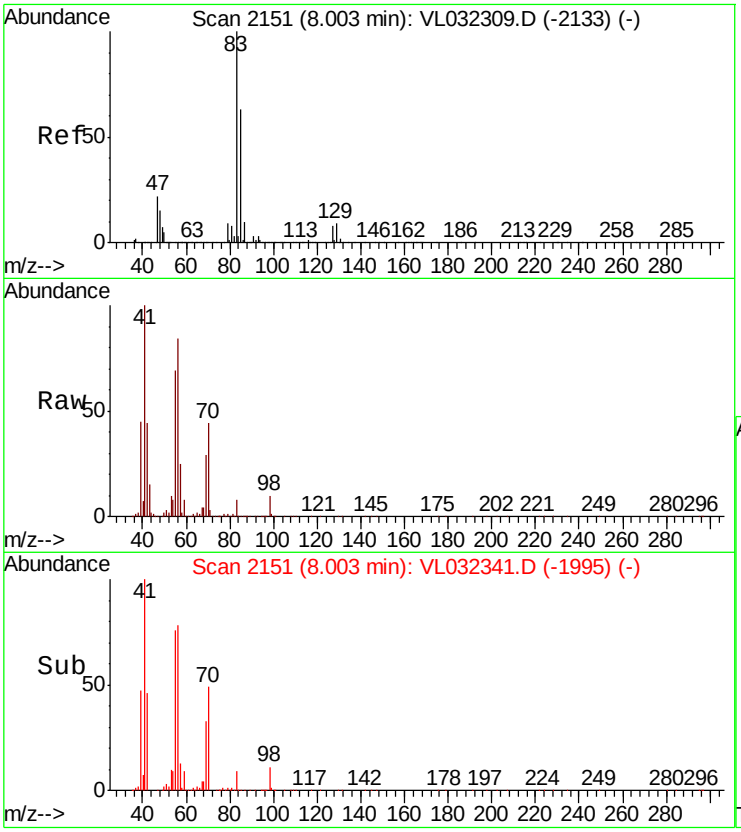


#41
Tetrahydrofuran
Concen: 0.558 ppbv
RT: 6.23 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 42 Resp: 92431

Ion	Ratio	Lower	Upper
42	100		
72	28.7	28.6	42.8
71	24.4	27.8	41.6#



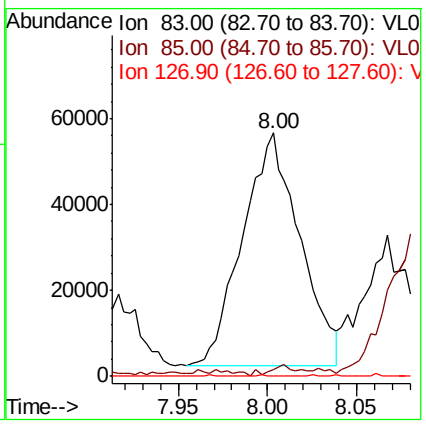


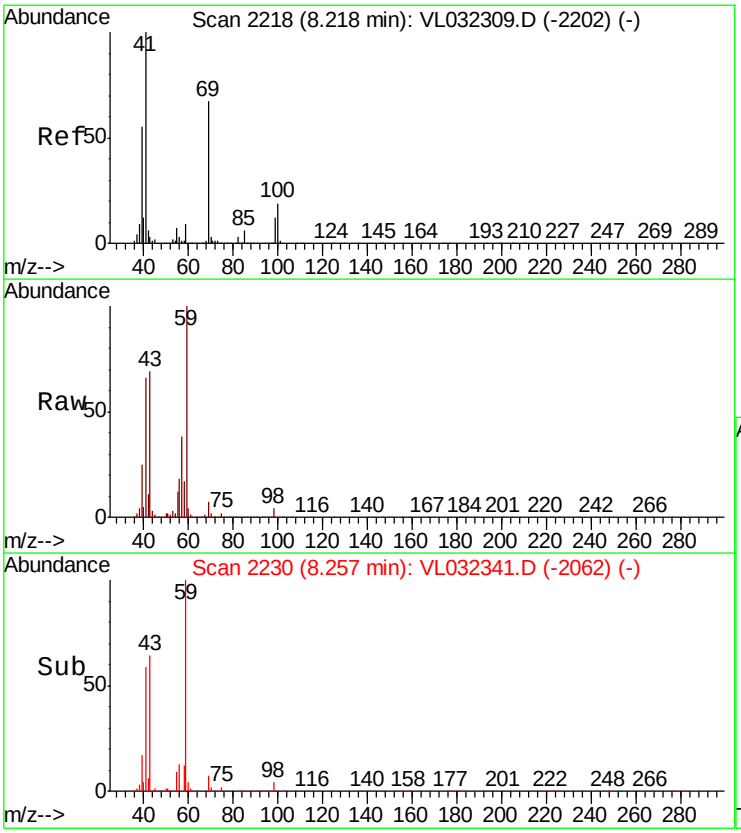
#42
Bromodichloromethane
Concen: 0.324 ppbv
RT: 8.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 121152

Ion	Ratio	Lower	Upper
83	100		
85	1.7	50.7	76.1#
127	0.0	6.0	9.0#

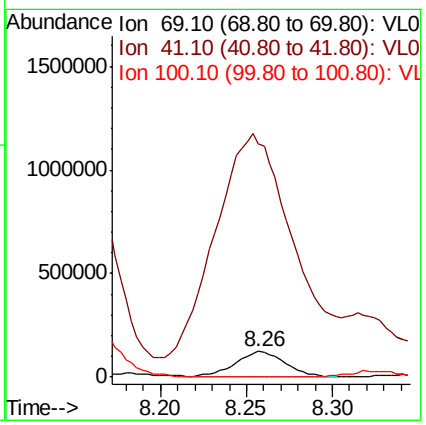


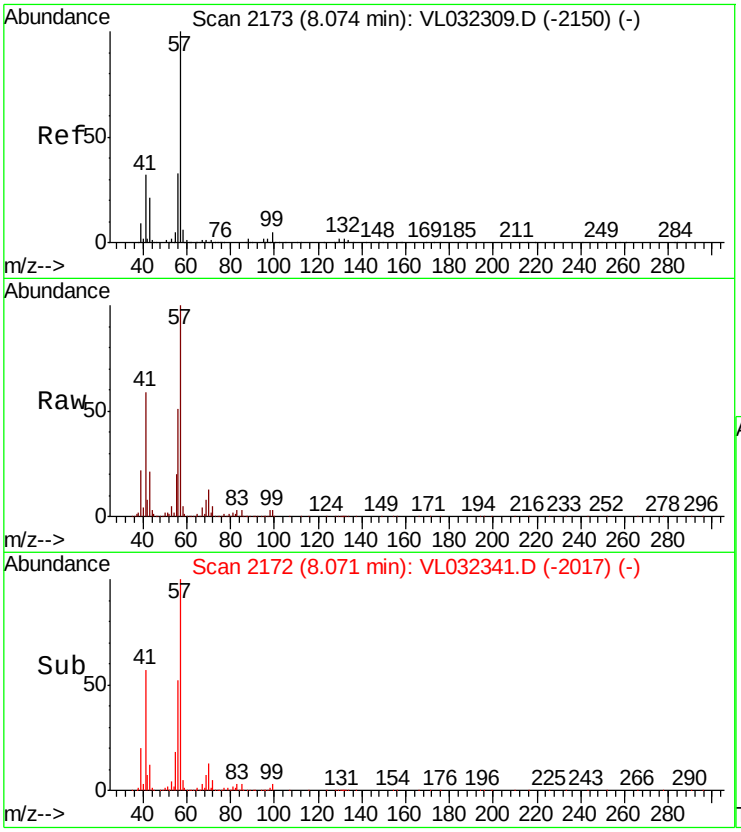


#43
Methyl Methacrylate
Concen: 1.232 ppbv
RT: 8.26 min Scan# 2230
Delta R.T. 0.04 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 69 Resp: 235980

Ion	Ratio	Lower	Upper
69	100		
41	2017.7	120.6	180.8#
100	0.0	23.2	34.8#



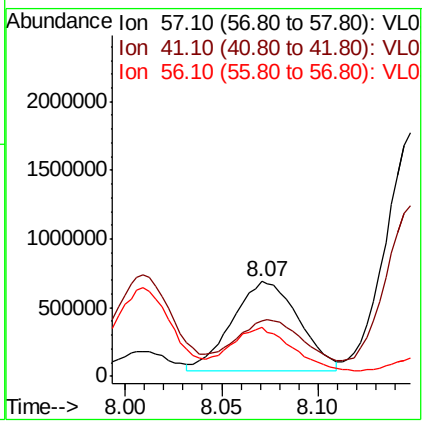


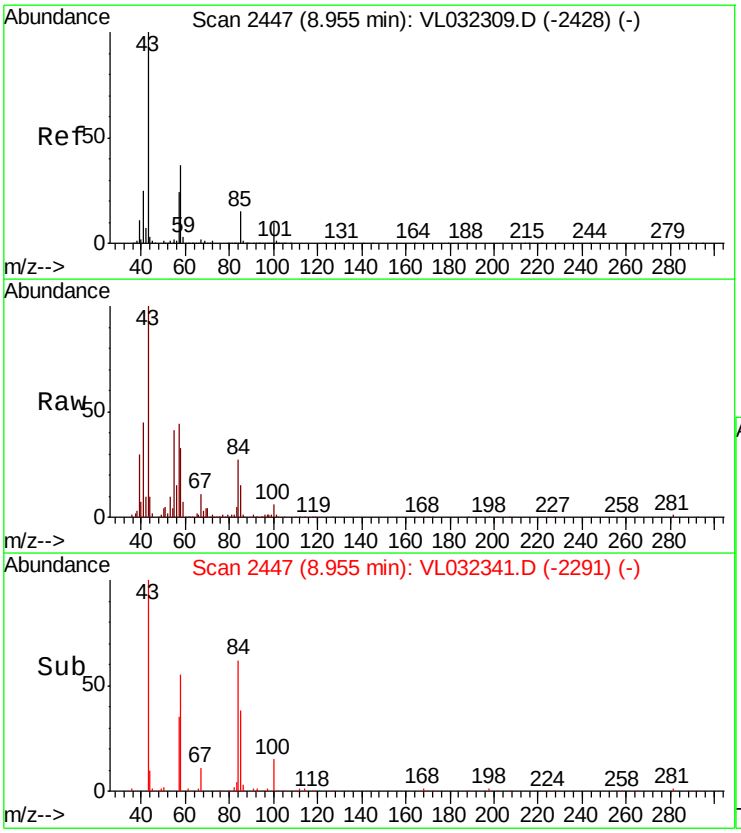
#44
2,2,4-Trimethylpentane
Concen: 1.797 ppbv
RT: 8.07 min Scan# 2172
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 1555712

Ion	Ratio	Lower	Upper
57	100		
41	65.1	24.3	36.5#
56	52.5	25.4	38.2#

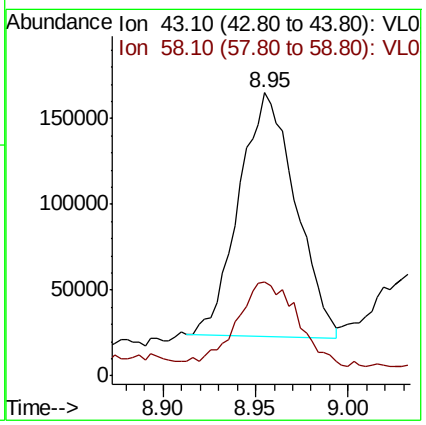


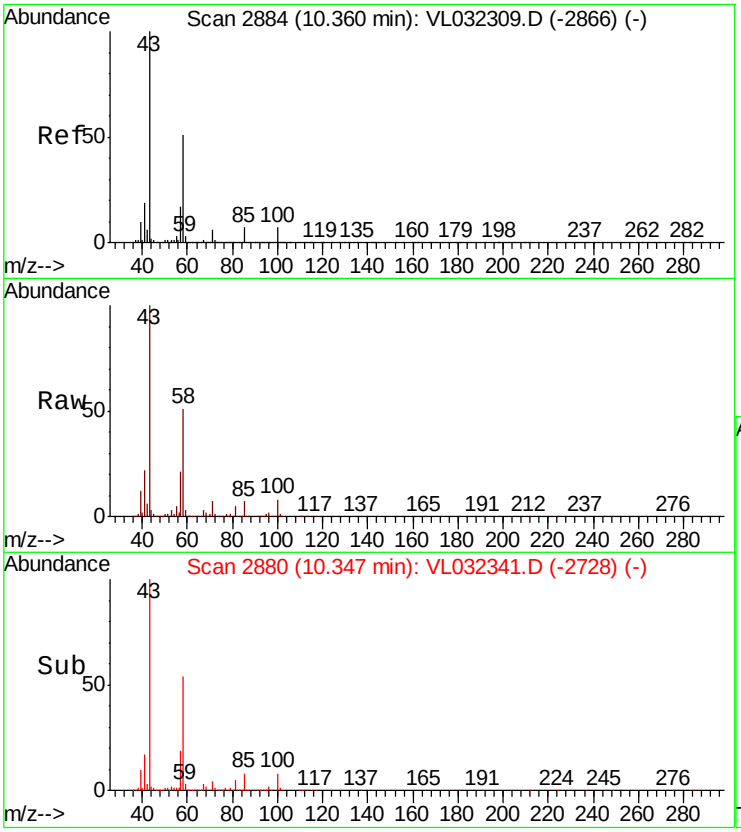


#50
4-Methyl-2-Pentanone
Concen: 0.583 ppbv
RT: 8.95 min Scan# 2447
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 43 Resp: 301447

Ion	Ratio	Lower	Upper
43	100		
58	43.8	28.9	43.3#



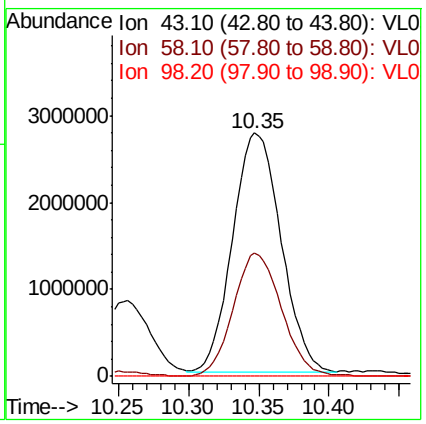


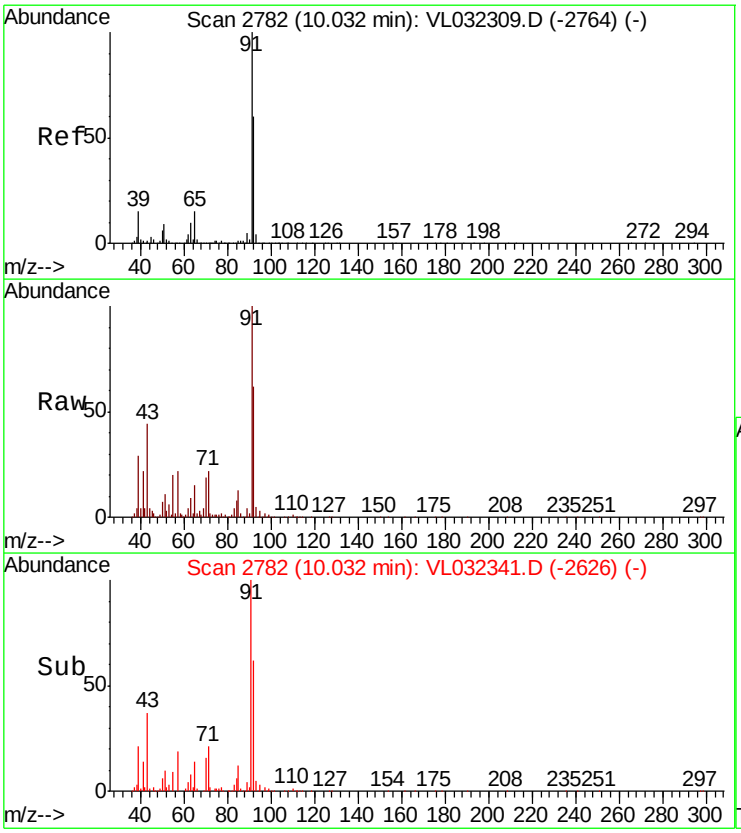
#51
2-Hexanone
Concen: 16.731 ppbv
RT: 10.35 min Scan# 2880
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 6593011

Ion	Ratio	Lower	Upper
43	100		
58	51.4	39.1	58.7
98	0.3	0.3	0.5#

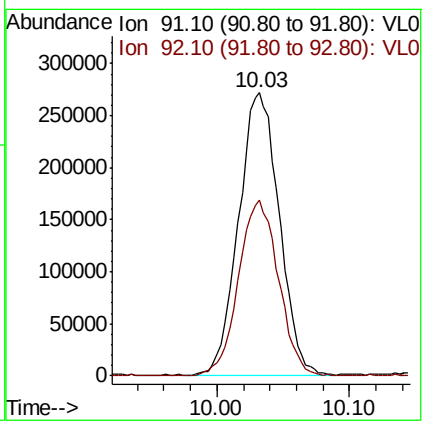


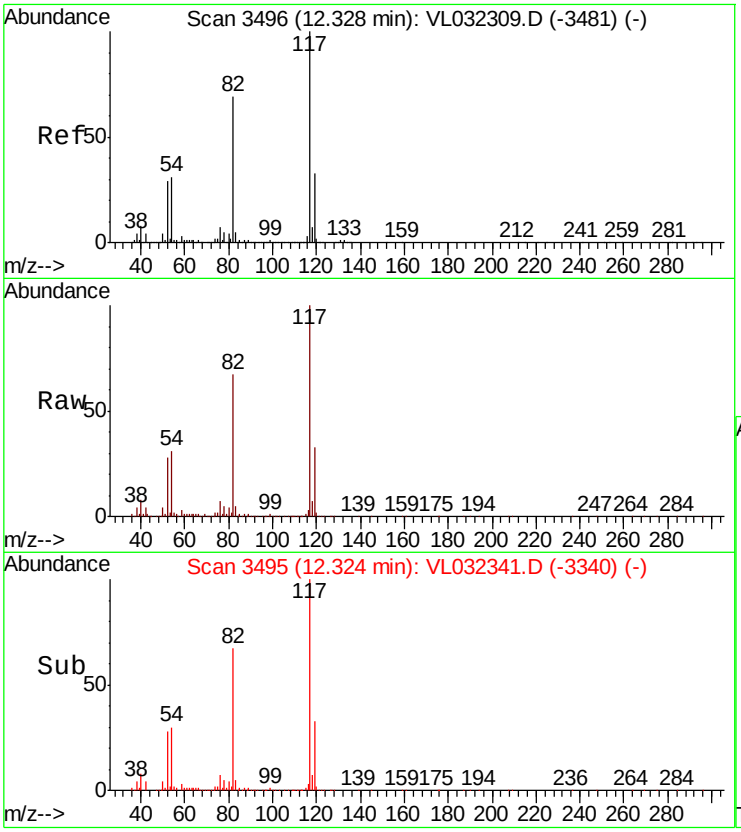


#53
Toluene
Concen: 1.216 ppbv
RT: 10.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 91 Resp: 580016

Ion	Ratio	Lower	Upper
91	100		
92	61.4	48.6	72.8



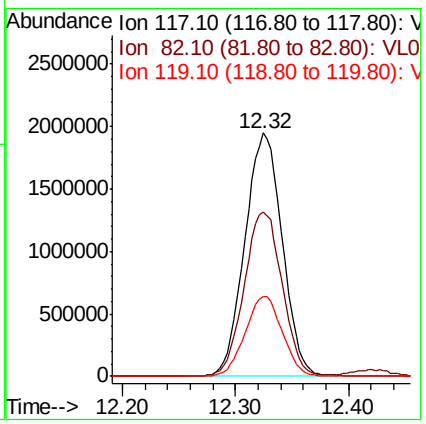


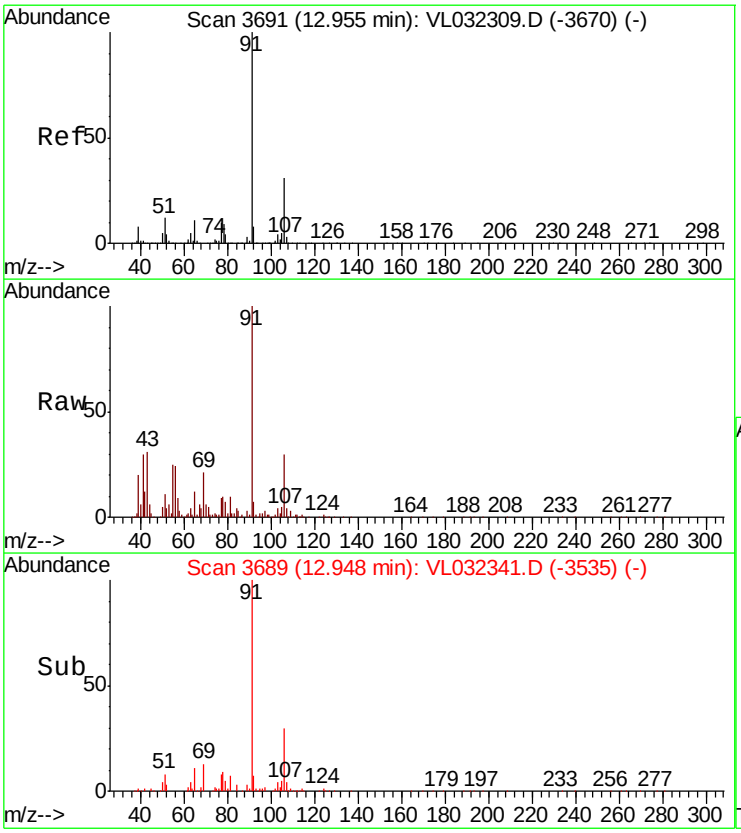
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.32 min Scan# 3495
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4478031

Ion	Ratio	Lower	Upper
117	100		
82	68.3	52.6	78.8
119	32.6	25.7	38.5

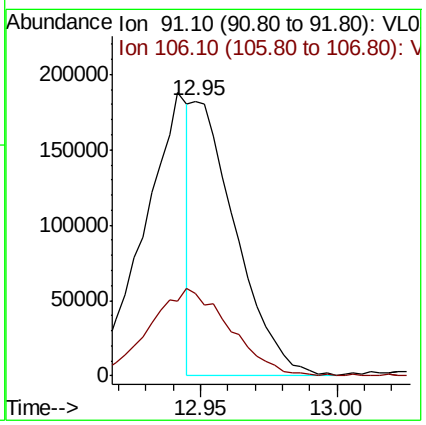


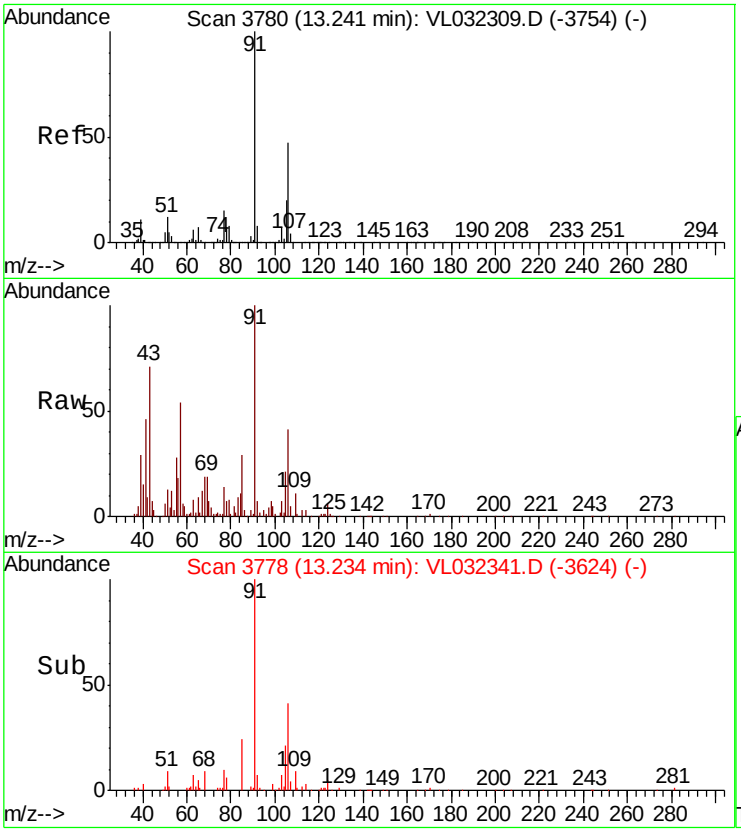


#58
Ethyl Benzene
Concen: 0.358 ppbv
RT: 12.95 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 91 Resp: 201141

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.0	37.4



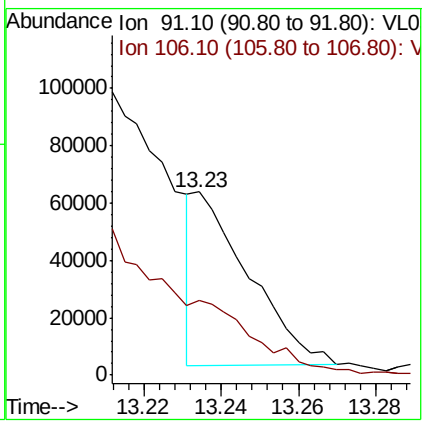


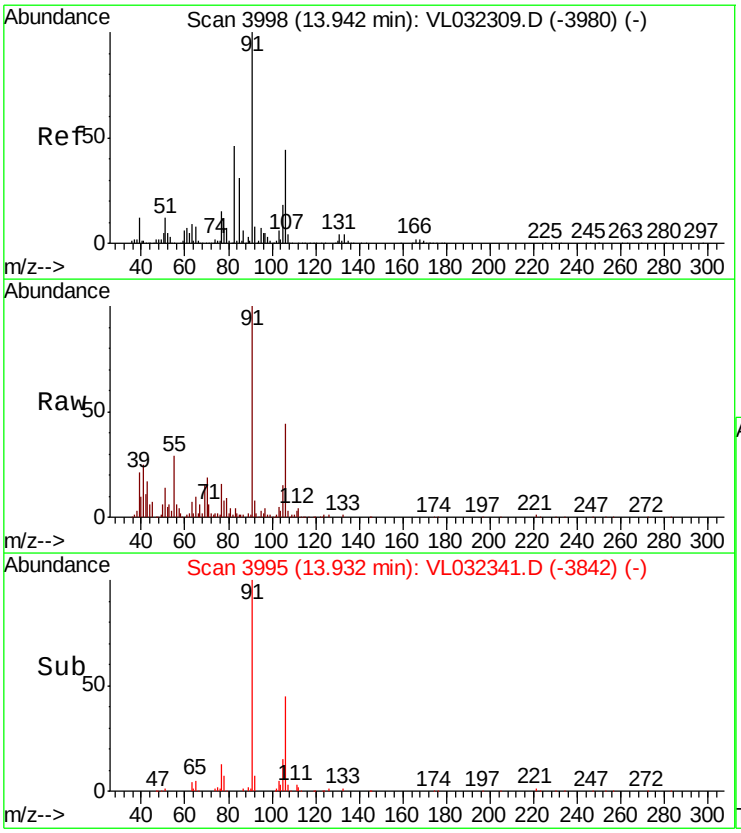
#59
m/p-Xylene
Concen: 0.123 ppbv
RT: 13.23 min Scan# 3778
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 59002

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.4	54.6#

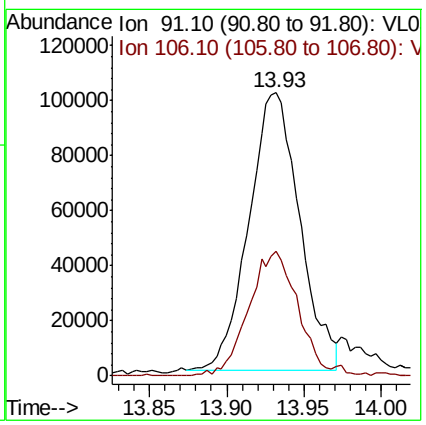


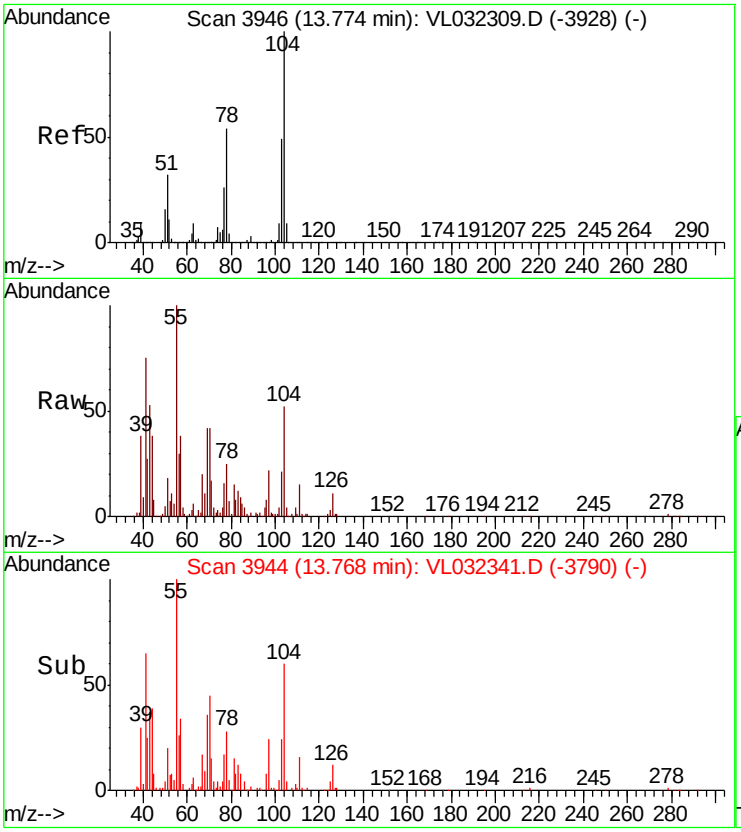


#60
o-Xylene
Concen: 0.490 ppbv
RT: 13.93 min Scan# 3995
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 91 Resp: 229704

Ion	Ratio	Lower	Upper
91	100		
106	44.7	22.4	67.0



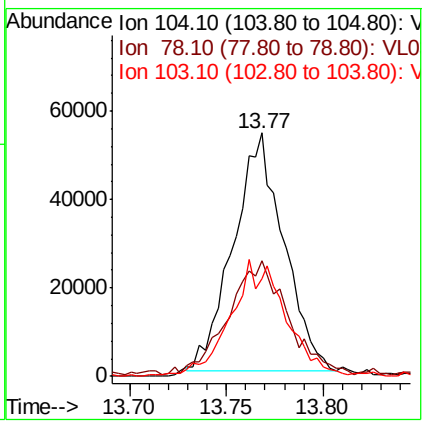


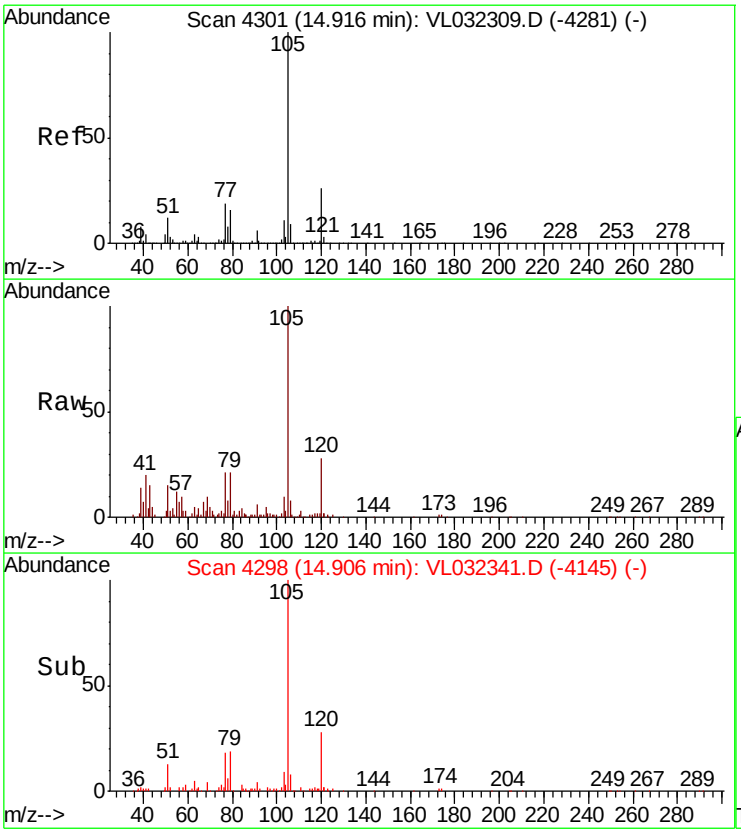
#61
Stvrene
Concen: 0.284 ppbv
RT: 13.77 min Scan# 3944
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 98036

Ion	Ratio	Lower	Upper
104	100		
78	58.2	42.6	63.8
103	53.8	38.0	57.0

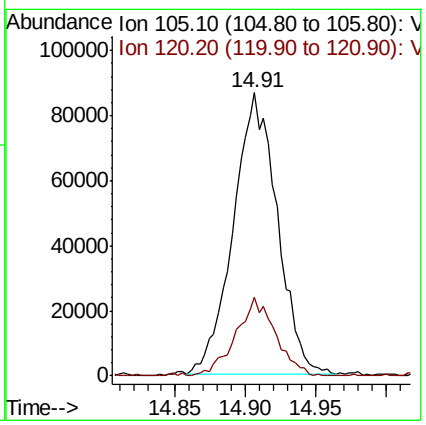


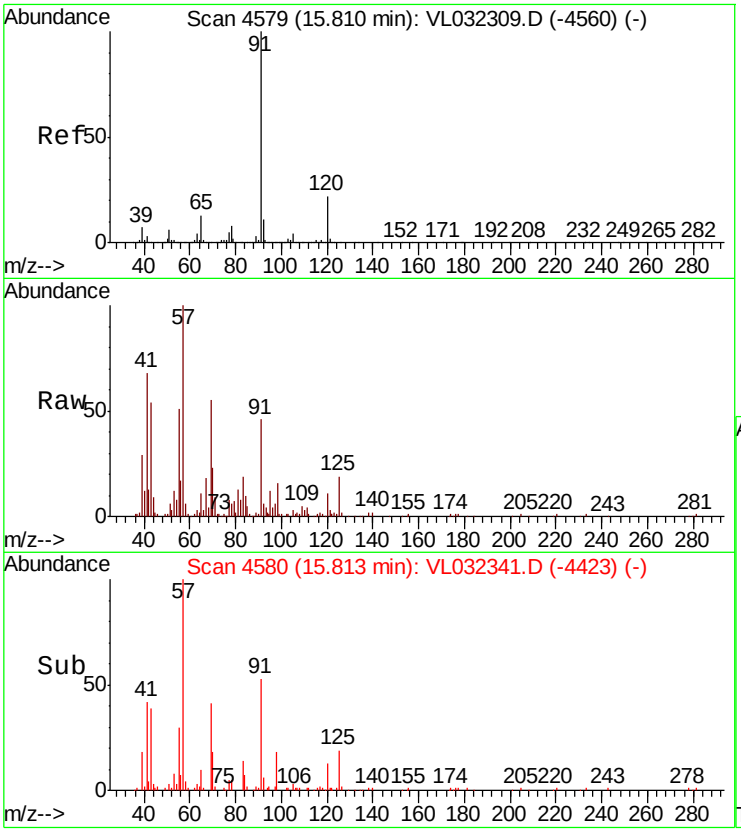


#62
Isopropylbenzene
Concen: 0.284 ppbv
RT: 14.91 min Scan# 4298
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion:105 Resp: 188845

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.4	30.6



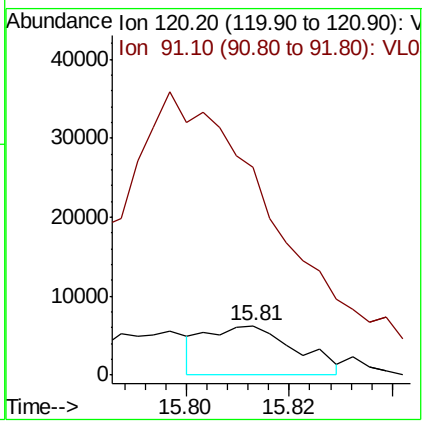


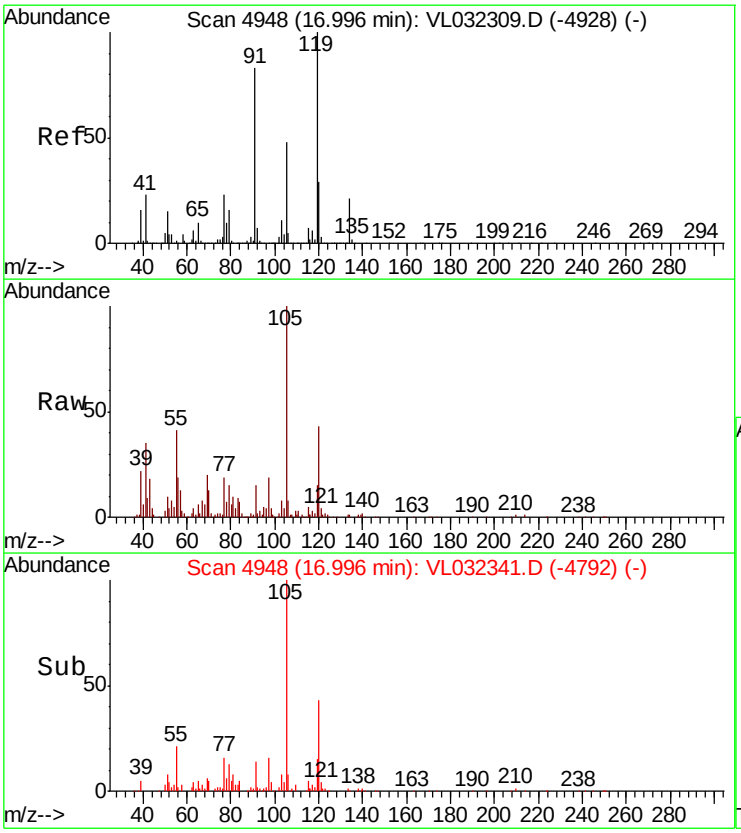
#64
n-propylbenzene
Concen: 0.044 ppbv
RT: 15.81 min Scan# 4580
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 7540

Ion	Ratio	Lower	Upper
120	100		
91	0.0	381.8	572.8#

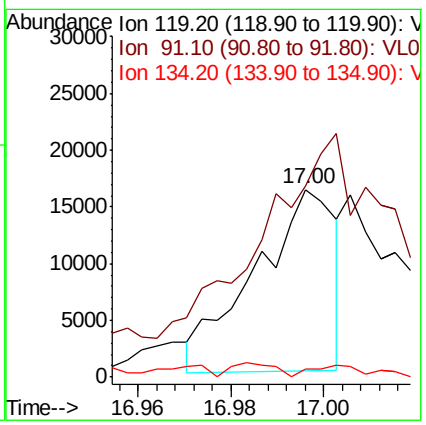


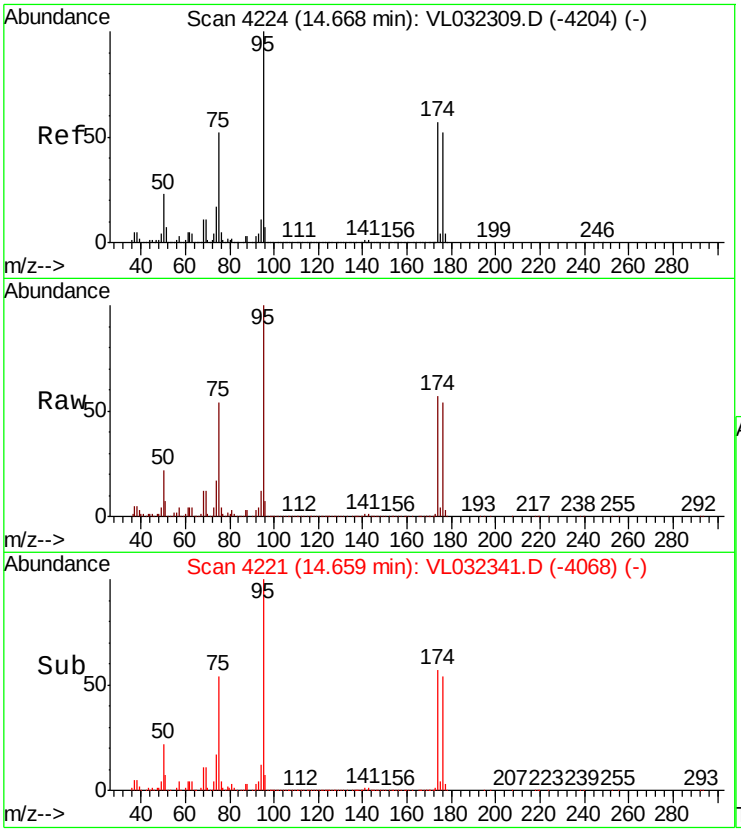


#65
tert-Butylbenzene
Concen: 0.034 ppbv
RT: 17.00 min Scan# 4948
Delta R.T. 0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion:119 Resp: 19309

Ion	Ratio	Lower	Upper
119	100		
91	0.0	67.5	101.3#
134	10.8	15.8	23.6#



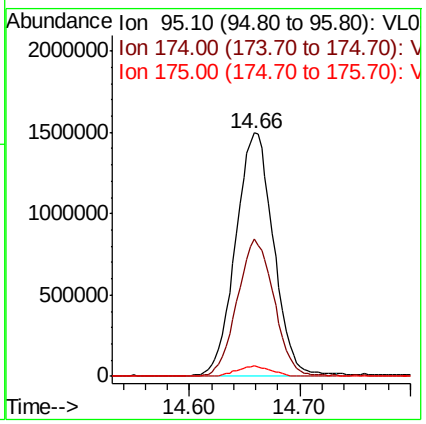


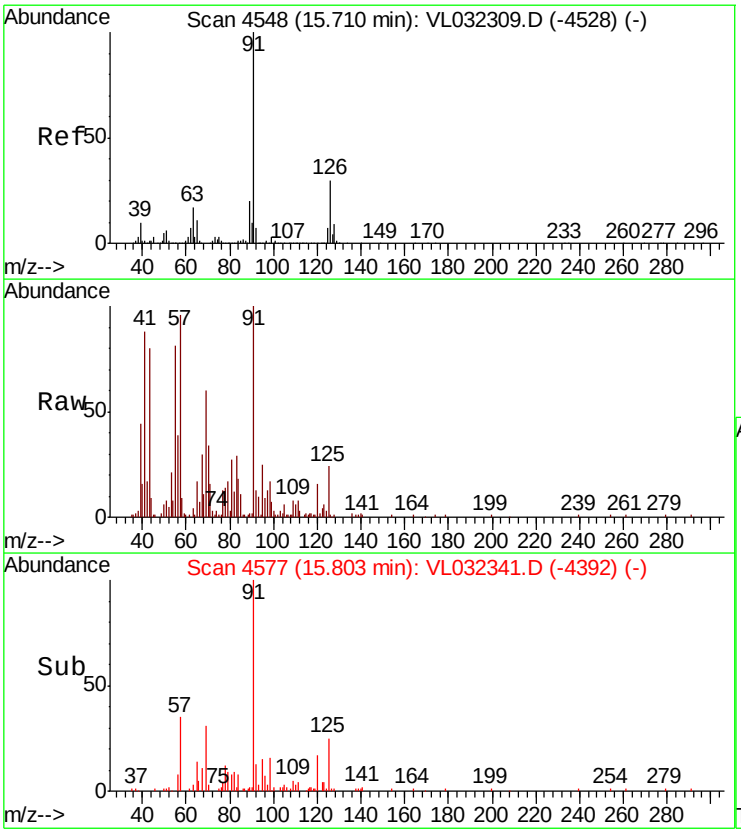
#68
1-Bromo-4-Fluorobenzene
Concen: 10.206 ppbv
RT: 14.66 min Scan# 4221
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 3547381

Ion	Ratio	Lower	Upper
95	100		
174	55.5	45.5	68.3
175	4.1	3.3	4.9

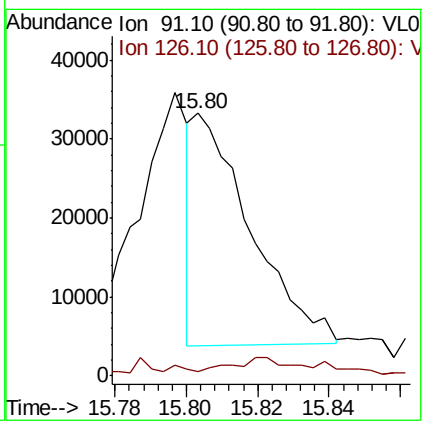


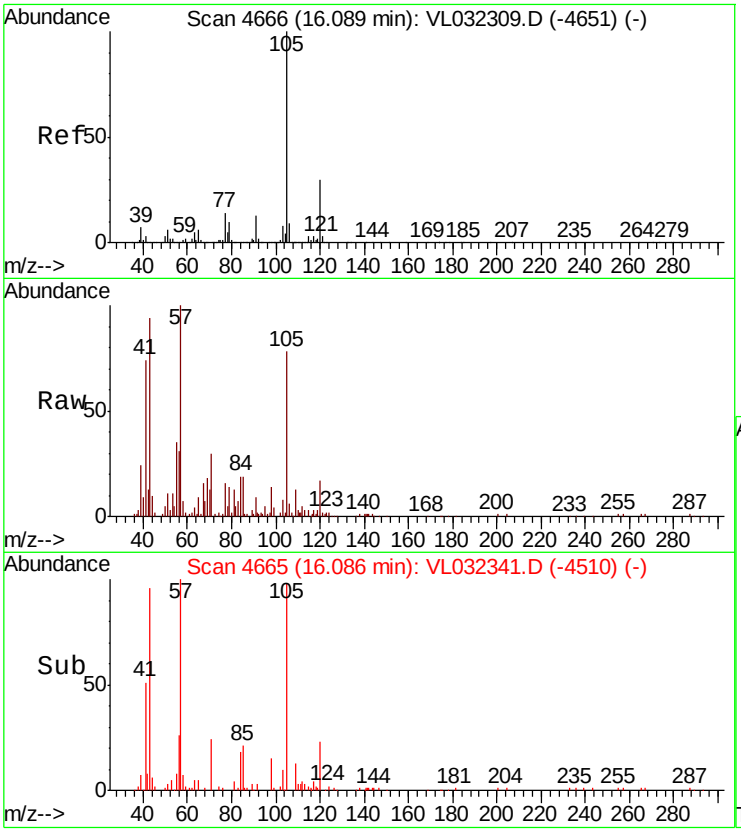


#71
2-Chlorotoluene
Concen: 0.062 ppbv
RT: 15.80 min Scan# 4577
Delta R.T. 0.09 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion: 91 Resp: 32558

Ion	Ratio	Lower	Upper
91	100		
126	17.9	11.8	47.0



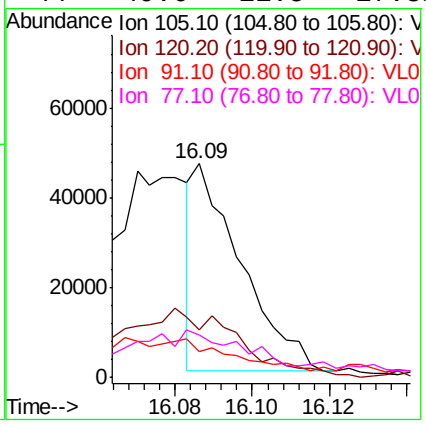


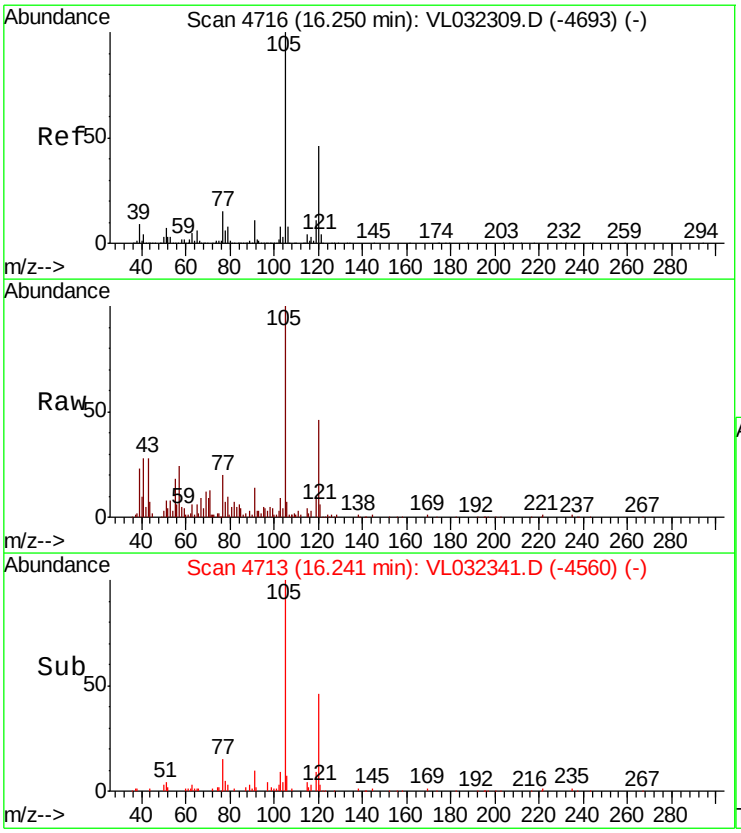
#72
4-Ethyltoluene
Concen: 0.075 ppbv
RT: 16.09 min Scan# 4665
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 39134

Ion	Ratio	Lower	Upper
105	100		
120	85.9	23.1	34.7#
91	0.0	10.0	15.0#
77	49.6	11.5	17.3#

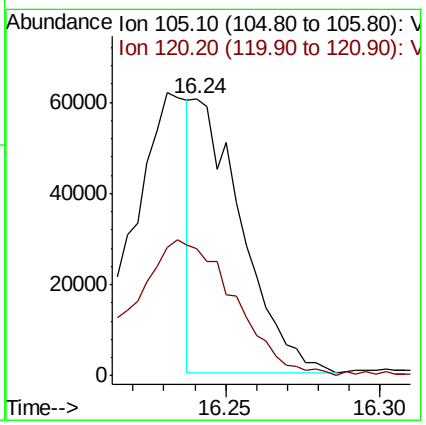


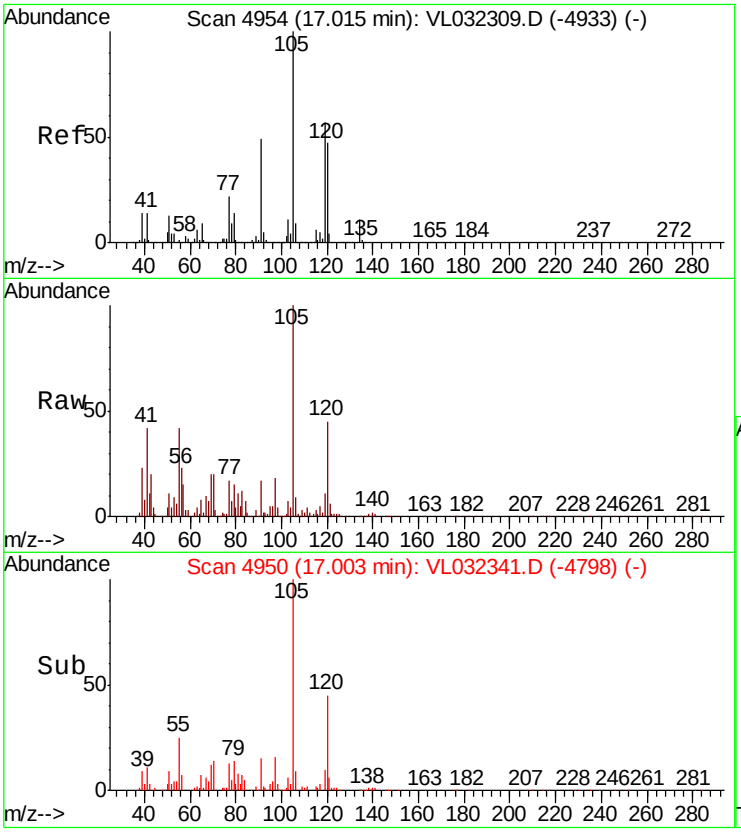


#73
1,3,5-Trimethylbenzene
Concen: 0.127 ppbv
RT: 16.24 min Scan# 4713
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion:105 Resp: 65858

Ion	Ratio	Lower	Upper
105	100		
120	46.3	36.5	54.7



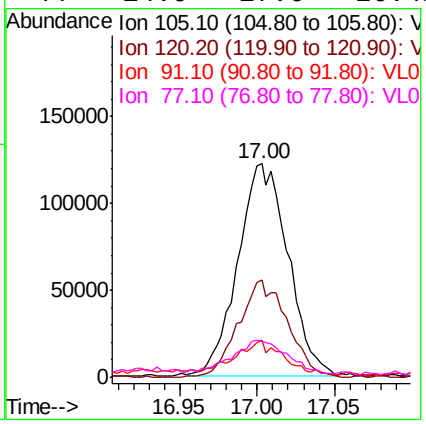


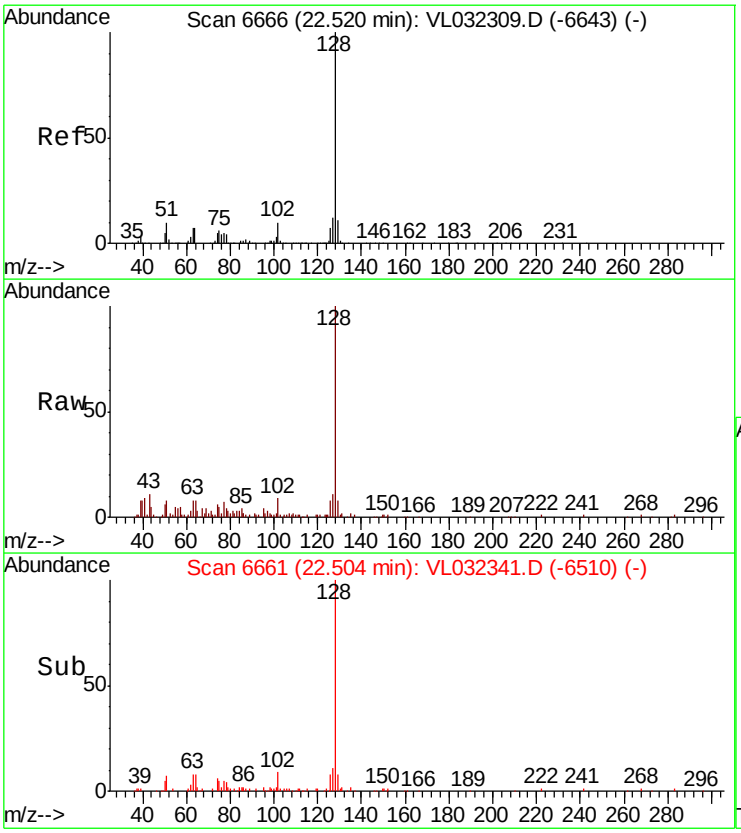
#74
1,2,4-Trimethylbenzene
Concen: 0.502 ppbv
RT: 17.00 min Scan# 4950
Delta R.T. -0.01 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 273470

Ion	Ratio	Lower	Upper
105	100		
120	45.2	37.8	56.6
91	16.2	39.4	59.0#
77	14.9	17.6	26.4#

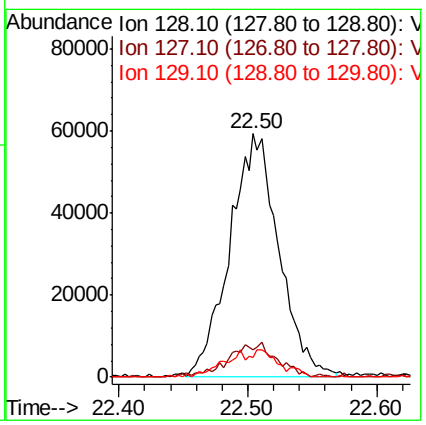


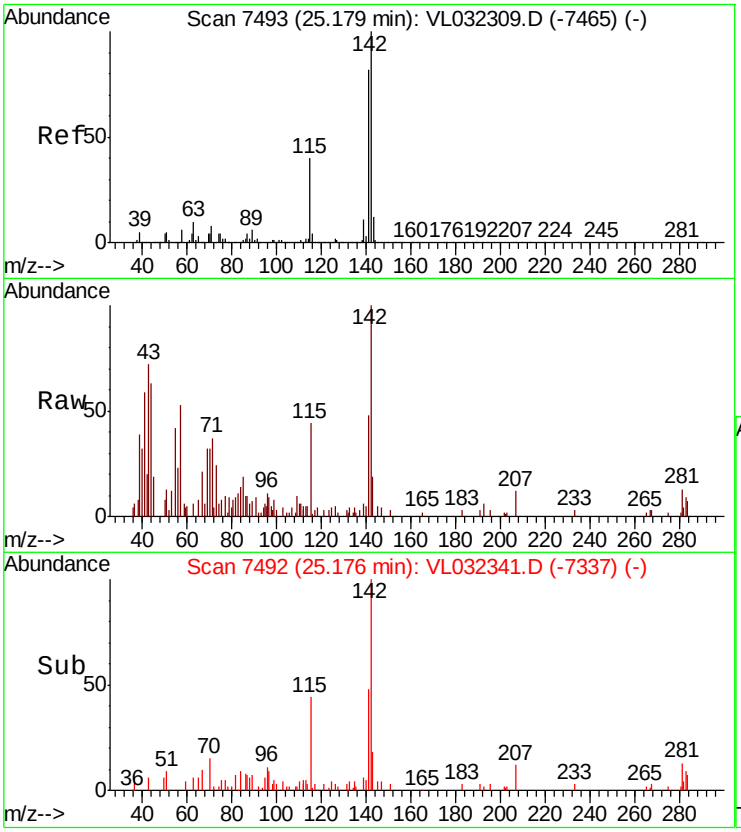


#79
Naphthalene
Concen: 0.332 ppbv
RT: 22.50 min Scan# 6661
Delta R.T. -0.02 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Tgt Ion:128 Resp: 157115

Ion	Ratio	Lower	Upper
128	100		
127	9.8	9.9	14.9#
129	7.9	8.8	13.2#





#80
Naphthalene,2-methyl-
Concen: 0.092 ppbv
RT: 25.18 min Scan# 7492
Delta R.T. -0.00 min
Lab File: VL032341.D
Acq: 2 Aug 2018 3:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 17300

Ion	Ratio	Lower	Upper
142	100		
141	82.0	66.7	100.1
115	48.8	31.1	46.7#