Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033921.D
Acq On : 14 Jun 2019 6:48
Operator : SY/AP
Sample : K3295-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : V1

Quant Time: Jun 14 09:17:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	923460	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	2218962	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2496031	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1893118	9.23	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	86697	0.579	ppbv		94
3) Chlorodifluoromethane	2.98	51	197317	1.815	ppbv	#	68
4) Chloromethane	3.16	50	14107	0.227	ppbv	#	86
9) Propene	3.03	41	1571592	38.635	ppbv		93
10) Heptane	8.24	43	802722	7.807	ppbv	#	70
11) Trichlorofluoromethane	4.00	101	59854	0.310	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.55	101	10703	0.082	ppbv		97
13) Ethanol	3.65	45	890835	67.309	ppbv		97
15) Acetone	3.89	43	18386541	136.517	ppbv	#	66
16) 1,3-Butadiene	3.34	39	2304885	44.962	ppbv	#	19
17) tert-Butyl alcohol	4.36	59	1095101	10.401	ppbv		97
19) Isopropyl Alcohol	4.02	45	646308	8.400	ppbv	#	94
20) Methylene Chloride	4.41	84	15130	0.288	ppbv	#	89
21) Allyl Chloride	4.46	41	12117	0.158	ppbv	#	1
23) Vinyl Acetate	5.14	43	366124	2.339	ppbv	#	53
25) Ethyl Acetate	5.77	43	340334	1.659	ppbv	#	82
26) Hexane	5.77	57	440636	4.718	ppbv	#	34
27) Carbon Disulfide	4.61	76	847664	6.533	ppbv		99
29) Chloroform	5.85	83	20594	0.129	ppbv		98
30) Cyclohexane	7.23	84	110569	1.676	ppbv	#	90
34) 2-Butanone	5.32	43	6902604	55.141	ppbv		97
35) Carbon Tetrachloride	7.12	117	5245	0.031	ppbv		96
36) Benzene	7.00	78	614351	3.624	ppbv		96
38) Trichloroethene	7.95	130	79978	1.212	ppbv		97
39) 1,2-Dichloropropane	7.29	63	574015	8.774	ppbv	#	25
40) 1,4-Dioxane	7.95	88	1869	0.070	ppbv	#	1
41) Tetrahydrofuran	6.14	42	30849	0.486	ppbv	#	86
42) Bromodichloromethane	7.91	83	13755	0.082	ppbv	#	30
43) Methyl Methacrylate	8.17	69	54806	0.865	ppbv	#	39
44) 2,2,4-Trimethylpentane	7.98	57	1059573	3.515	ppbv	#	84
50) 4-Methyl-2-Pentanone	8.86	43	467980	2.507	ppbv		98
51) 2-Hexanone	10.25	43	2408010	16.519	ppbv	#	98
52) Tetrachloroethene	11.36	164	912013	15.291	ppbv		95
53) Toluene	9.93	91	2514130	13.403	ppbv		98
58) Ethyl Benzene	12.85	91	742115	2.637	ppbv		99
59) m/p-Xylene	13.11	91	2390053	9.340	ppbv		99
60) o-Xylene	13.84	91	1034369	3.915	ppbv		99
61) Styrene	13.67	104	45458	0.266	ppbv	#	89
62) Isopropylbenzene	14.81	105	87858	0.247	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.83	83	11844	0.060	ppbv	#	25
64) n-propylbenzene	15.71	120	79242	0.869	ppbv		71

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033921.D
Acq On : 14 Jun 2019 6:48
Operator : SY/AP
Sample : K3295-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : V1

Quant Time: Jun 14 09:17:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	16.92	119	176159	0.535	ppbv	#	61
67) sec-Butylbenzene	17.45	105	47289	0.102	ppbv	#	81
71) 2-Chlorotoluene	15.46	91	162502	0.619	ppbv		68
72) 4-Ethyltoluene	15.99	105	215672	0.717	ppbv	#	43
73) 1,3,5-Trimethylbenzene	16.15	105	478887	1.617	ppbv		98
74) 1,2,4-Trimethylbenzene	16.92	105	1634951	4.790	ppbv	#	75
79) Naphthalene	22.41	128	66583	0.244	ppbv	#	83

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033921.D
Acq On : 14 Jun 2019 6:48
Operator : SY/AP
Sample : K3295-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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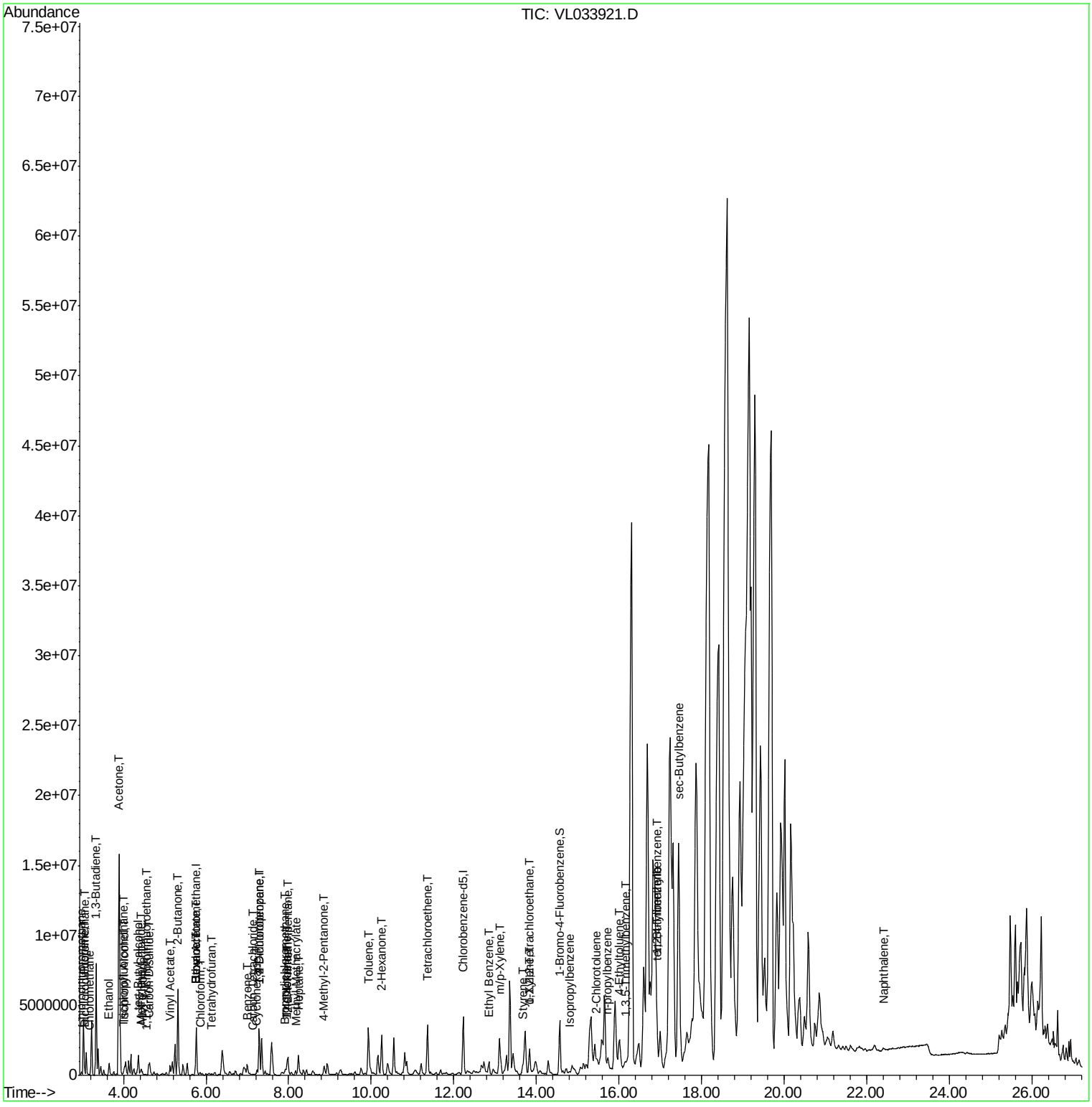
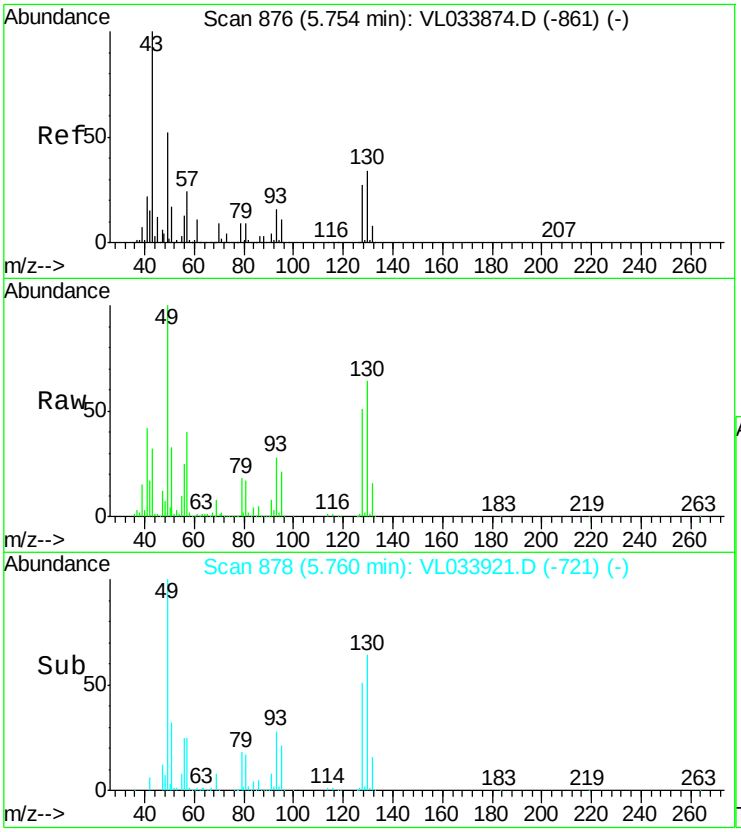
Quant Time: Jun 14 09:17:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



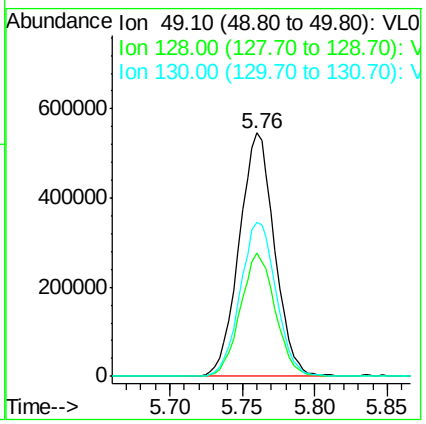


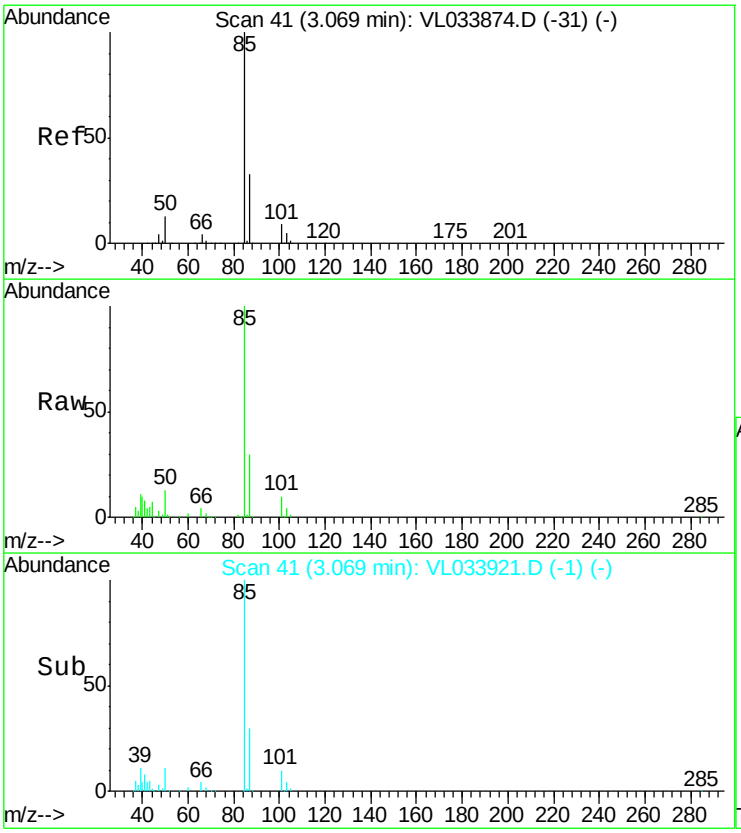
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 49 Resp: 923460

Ion	Ratio	Lower	Upper
49	100		
128	50.1	25.5	76.5
130	64.5	32.5	97.4

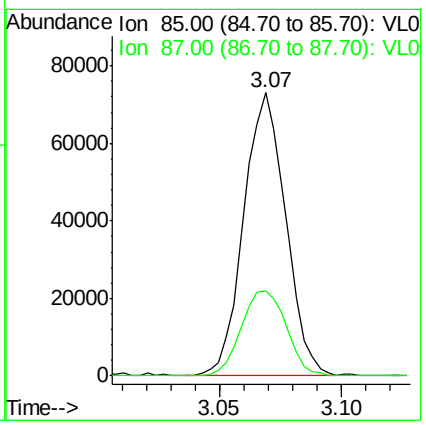


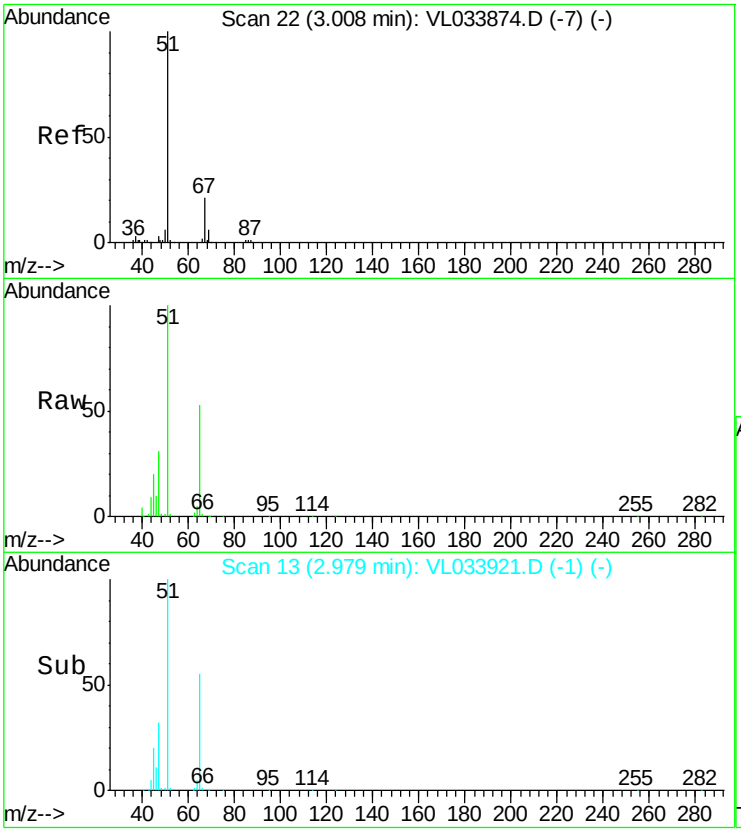


#2
Dichlorodifluoromethane
Concen: 0.579 ppbv
RT: 3.07 min Scan# 41
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 85 Resp: 86697

Ion	Ratio	Lower	Upper
85	100		
87	29.8	26.6	40.0



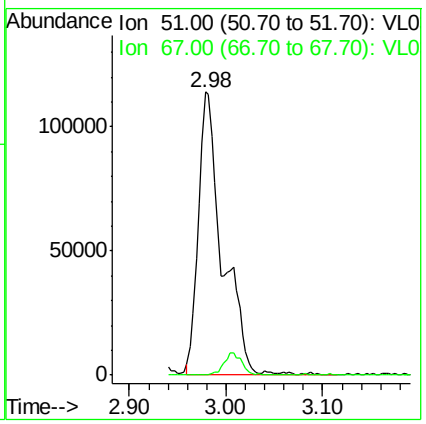


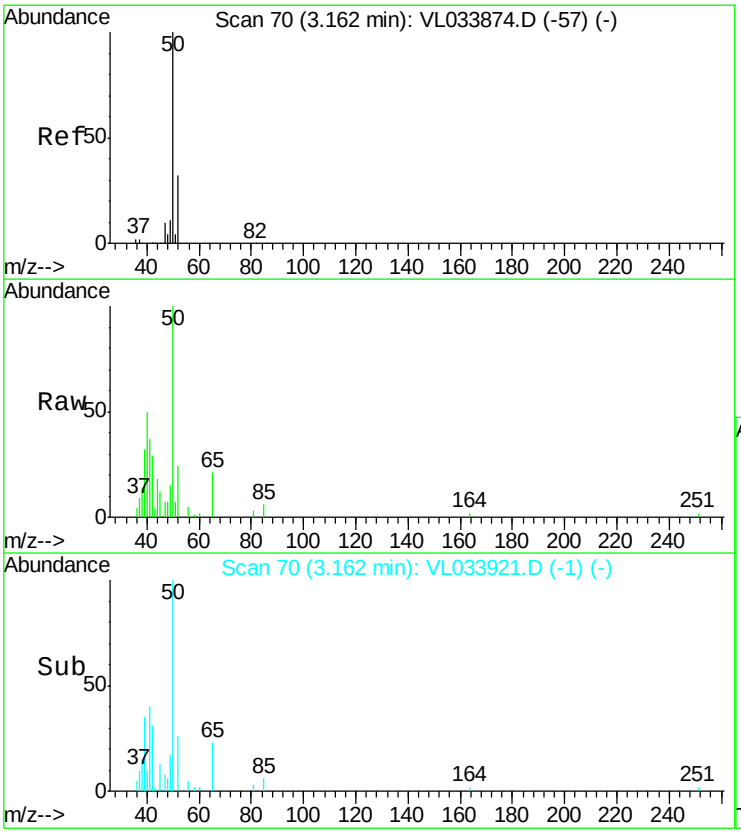
#3
Chlorodifluoromethane
Concen: 1.815 ppbv
RT: 2.98 min Scan# 13
Delta R.T. -0.03 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 51 Resp: 197317

Ion	Ratio	Lower	Upper
51	100		
67	5.9	16.4	24.6#

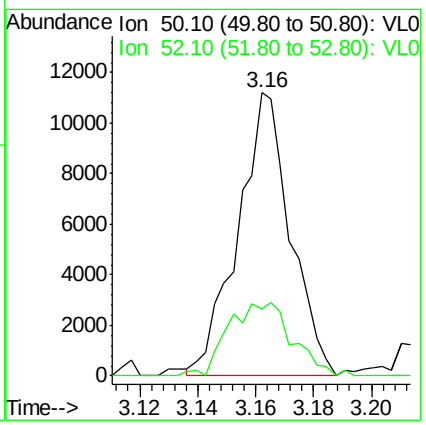


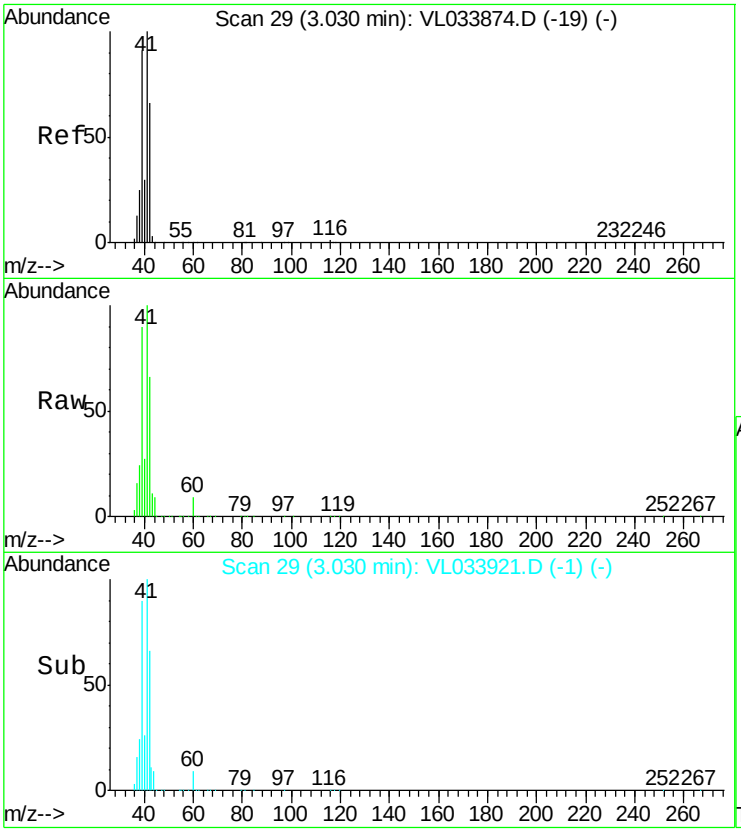


#4
Chloromethane
Concen: 0.227 ppbv
RT: 3.16 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 50 Resp: 14107

Ion	Ratio	Lower	Upper
50	100		
52	23.8	25.4	38.0#



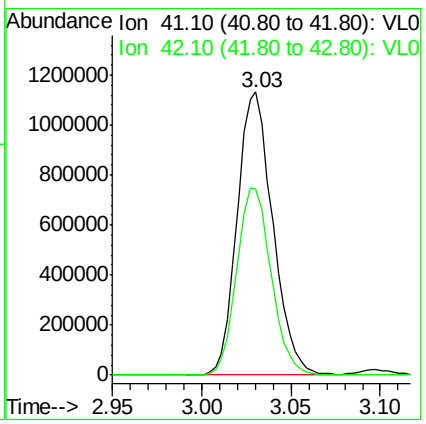


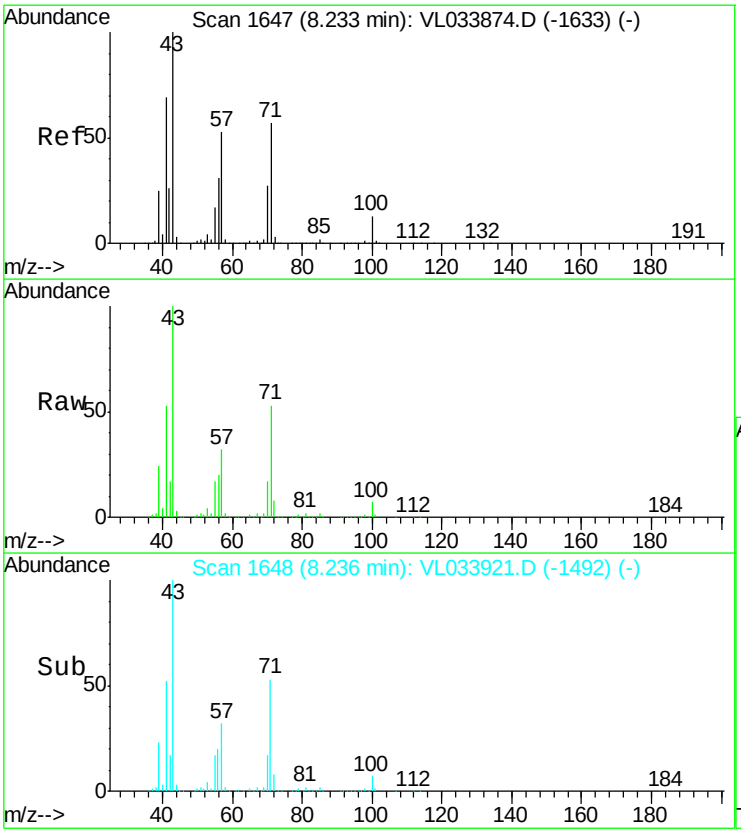
#9
Propene
Concen: 38.635 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 41 Resp: 1571592

Ion	Ratio	Lower	Upper
41	100		
42	64.3	56.3	84.5

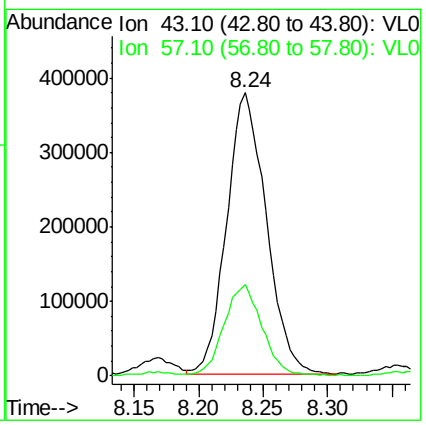


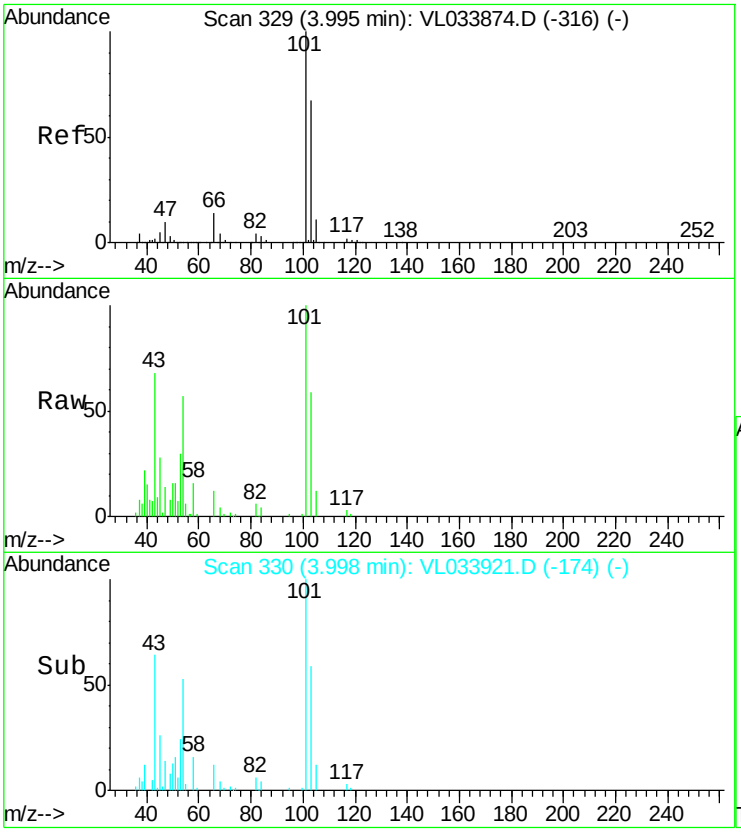


#10
Heptane
Concen: 7.807 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 43 Resp: 802722

Ion	Ratio	Lower	Upper
43	100		
57	31.2	41.7	62.5#



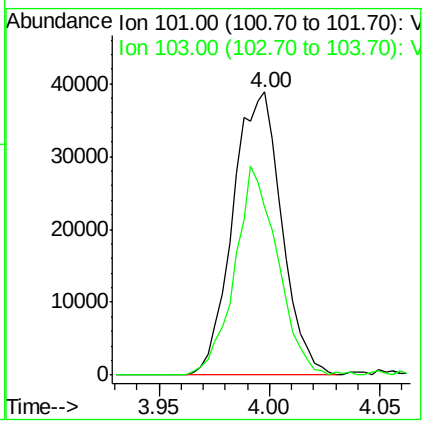


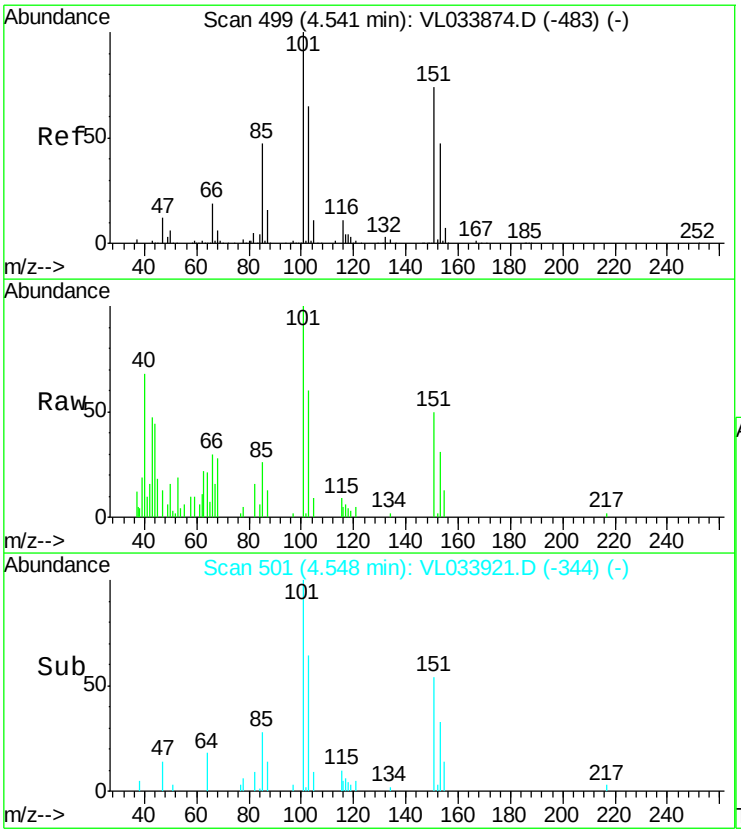
#11
Trichlorofluoromethane
Concen: 0.310 ppbv
RT: 4.00 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion:101 Resp: 59854

Ion	Ratio	Lower	Upper
101	100		
103	59.5	53.6	80.4

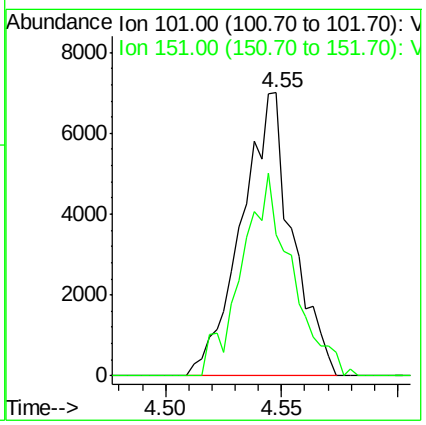


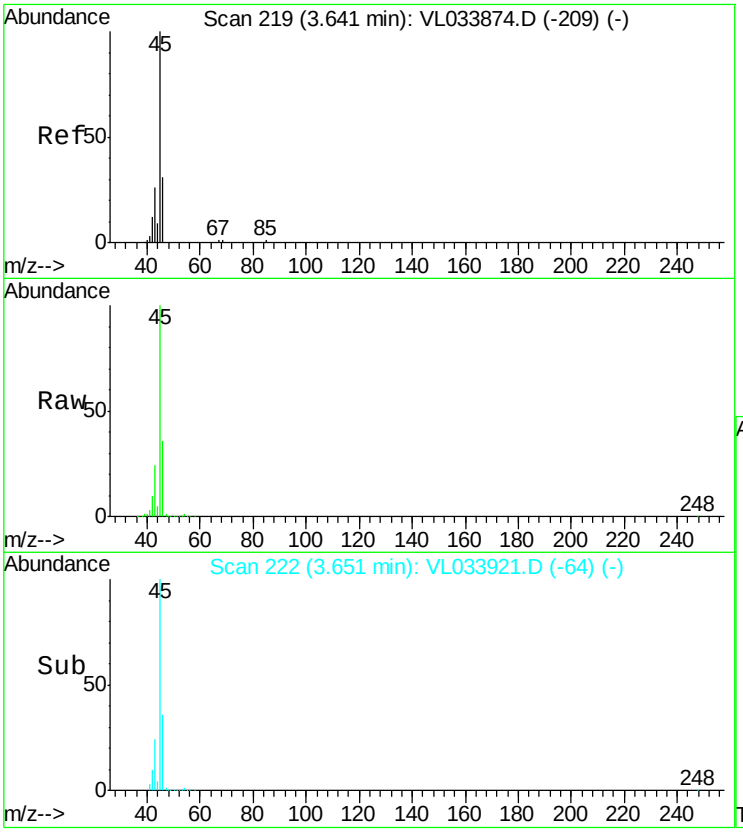


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.082 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:101 Resp: 10703

Ion	Ratio	Lower	Upper
101	100		
151	70.7	58.6	87.8



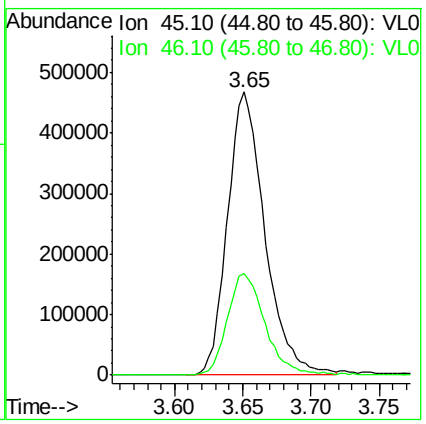


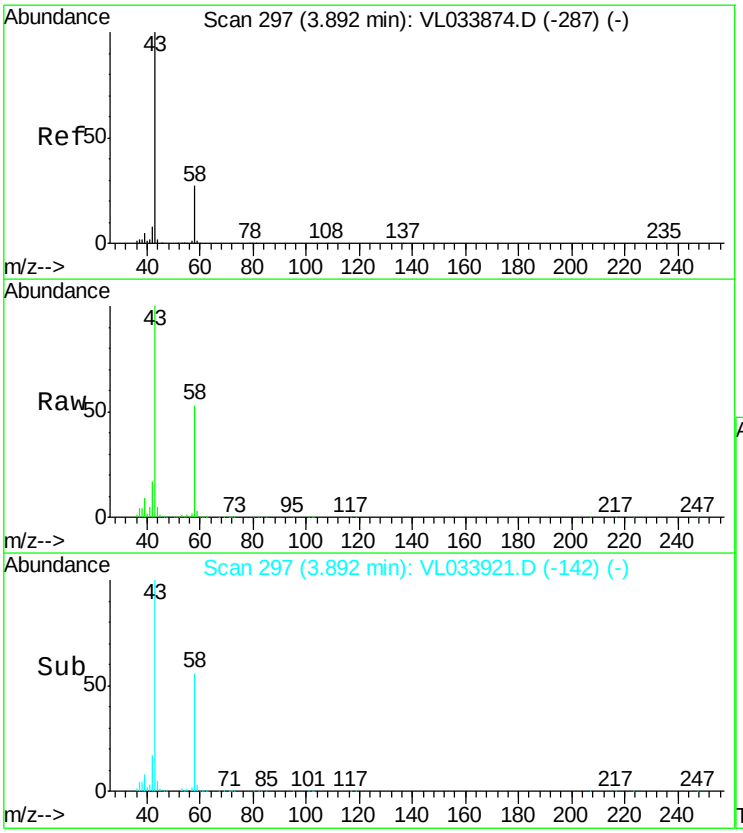
#13
Ethanol
Concen: 67.309 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 45 Resp: 890835

Ion	Ratio	Lower	Upper
45	100		
46	36.4	15.3	61.1

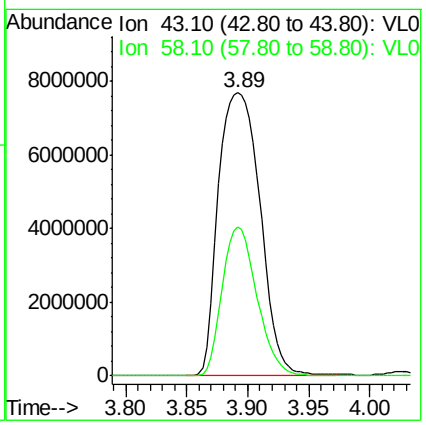


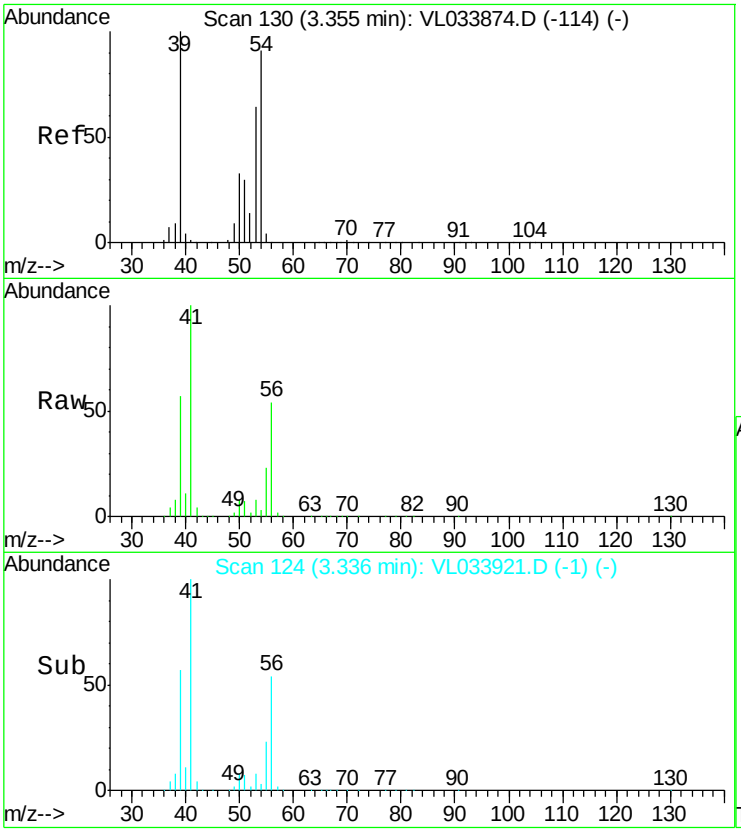


#15
Acetone
Concen: 136.517 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 43 Resp:18386541

Ion	Ratio	Lower	Upper
43	100		
58	44.2	21.3	31.9#



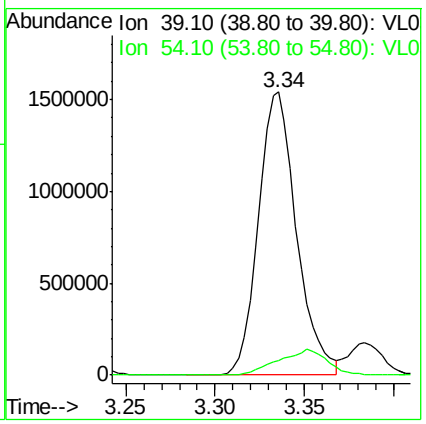


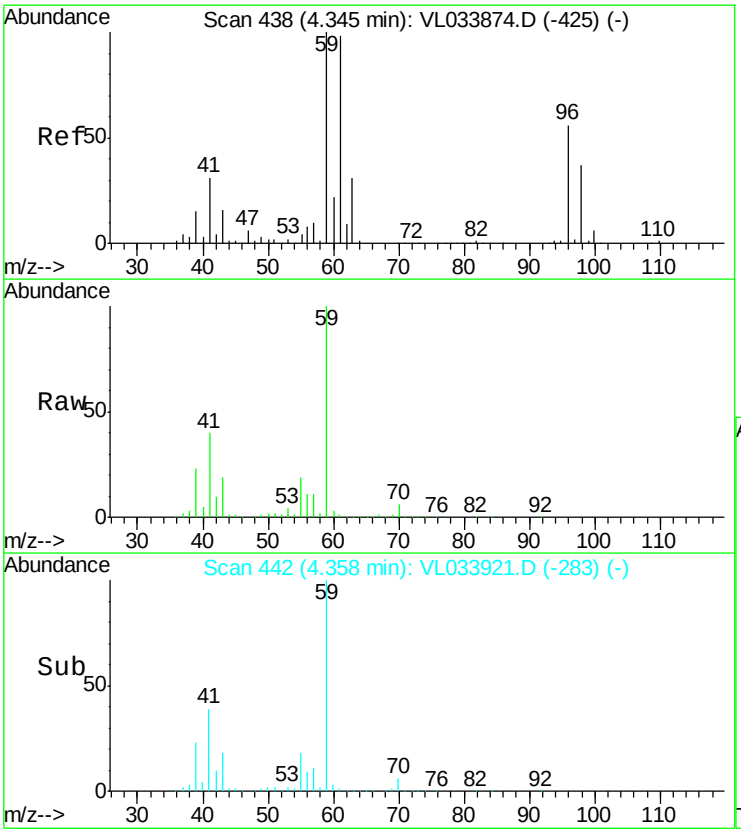
#16
1,3-Butadiene
Concen: 44.962 ppbv
RT: 3.34 min Scan# 124
Delta R.T. -0.02 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 39 Resp: 2304885

Ion	Ratio	Lower	Upper
39	100		
54	11.8	68.6	103.0#

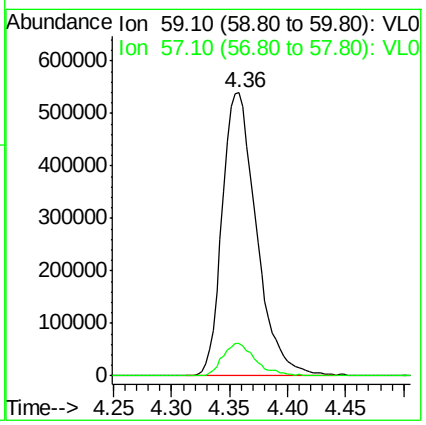


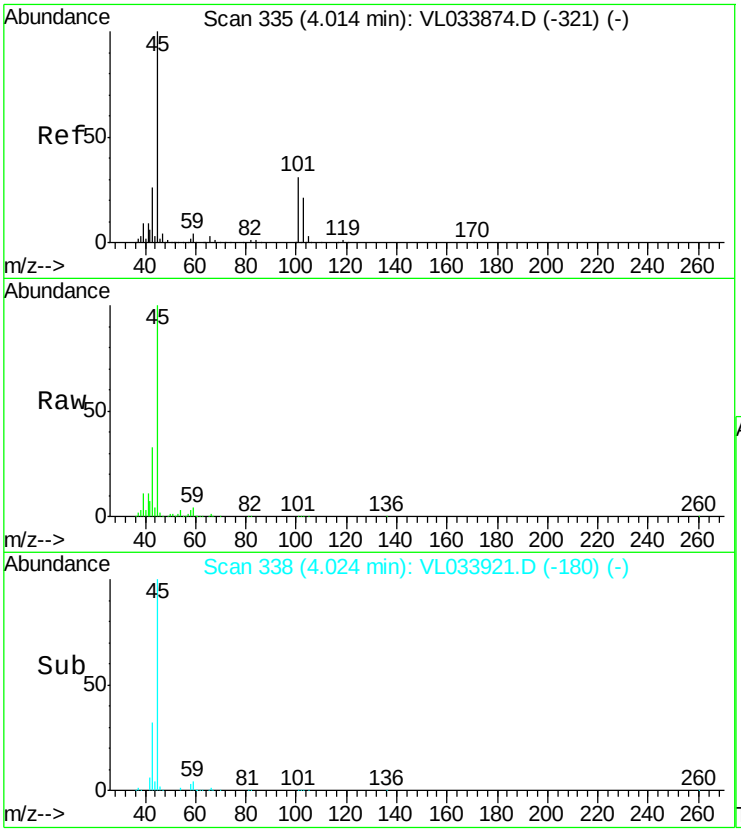


#17
tert-Butyl alcohol
Concen: 10.401 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 59 Resp: 1095101

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6



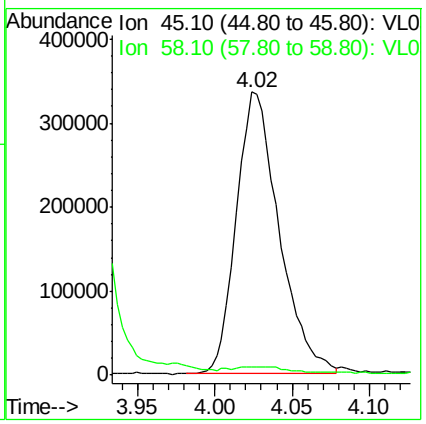


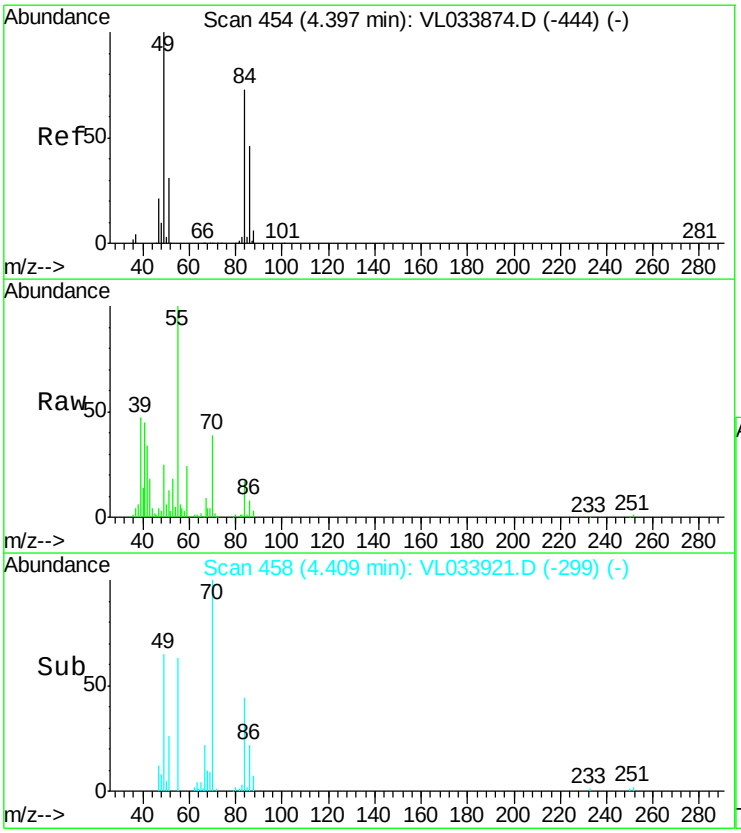
#19
Isopropyl Alcohol
Concen: 8.400 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 45 Resp: 646308

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#

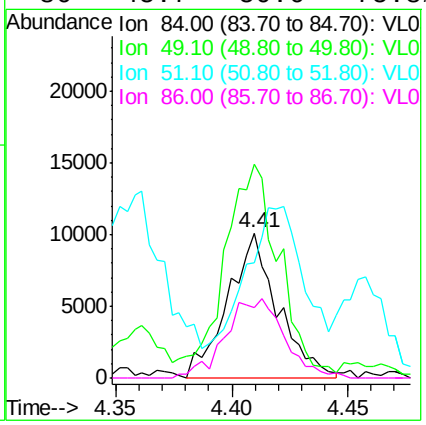


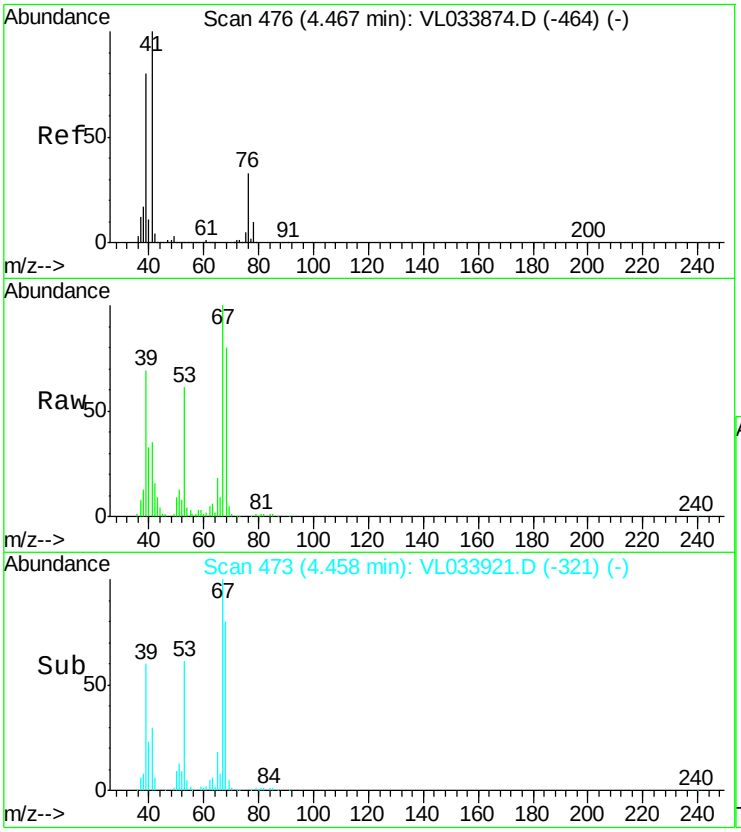


#20
Methylene Chloride
Concen: 0.288 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 84 Resp: 15130

Ion	Ratio	Lower	Upper
84	100		
49	144.2	110.0	165.0
51	36.9	34.6	51.8
86	45.7	50.6	75.8#



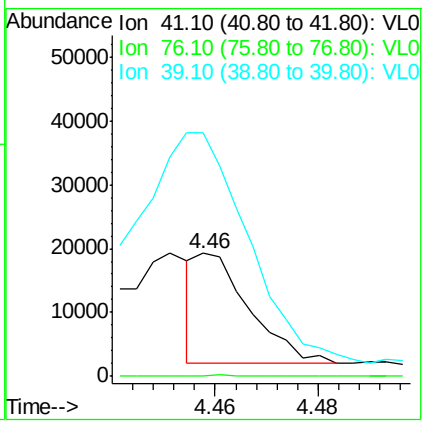


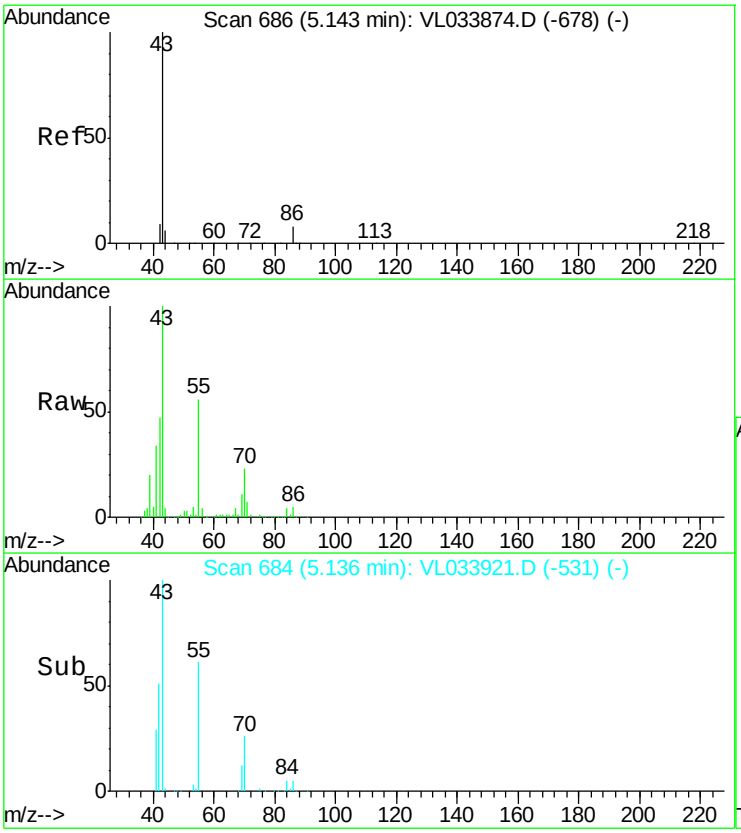
#21
Allyl Chloride
Concen: 0.158 ppbv
RT: 4.46 min Scan# 473
Delta R.T. -0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 41 Resp: 12117

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.6	39.8#
39	350.6	65.2	97.8#

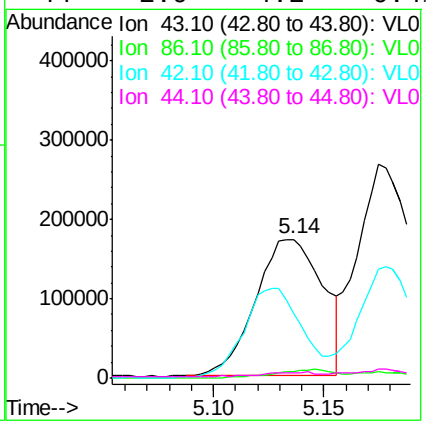


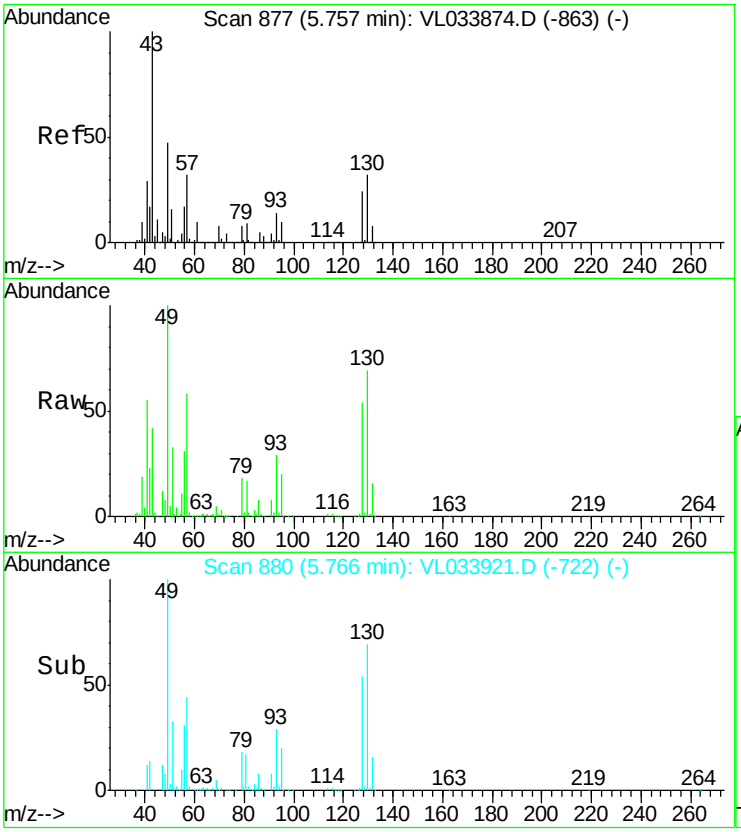


#23
Vinyl Acetate
Concen: 2.339 ppbv
RT: 5.14 min Scan# 684
Delta R.T. -0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 43 Resp: 366124

Ion	Ratio	Lower	Upper
43	100		
86	4.6	5.8	8.8#
42	46.1	7.8	11.8#
44	2.9	4.2	6.4#



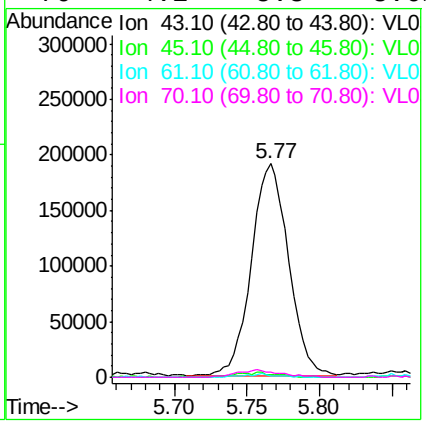


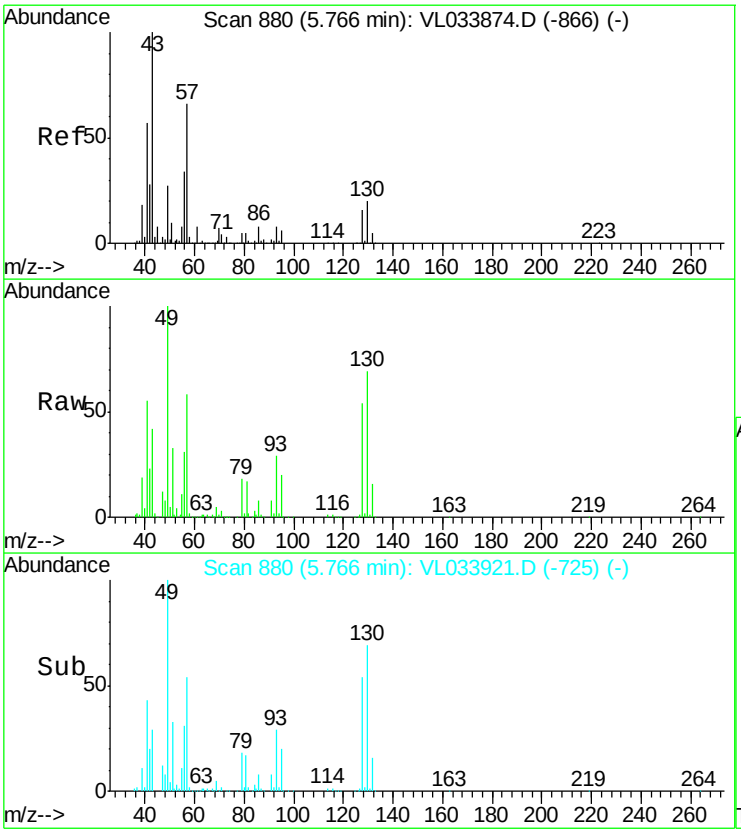
#25
Ethyl Acetate
Concen: 1.659 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 43 Resp: 340334

Ion	Ratio	Lower	Upper
43	100		
45	2.7	7.9	11.9#
61	1.5	7.8	11.6#
70	4.2	5.8	8.6#

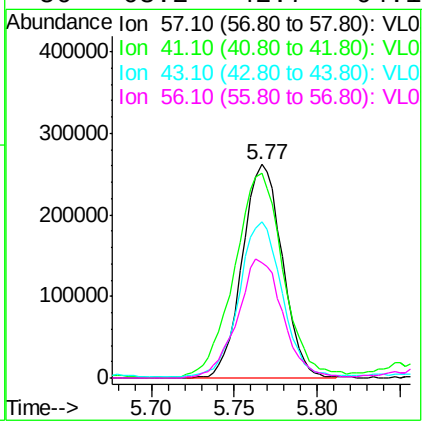


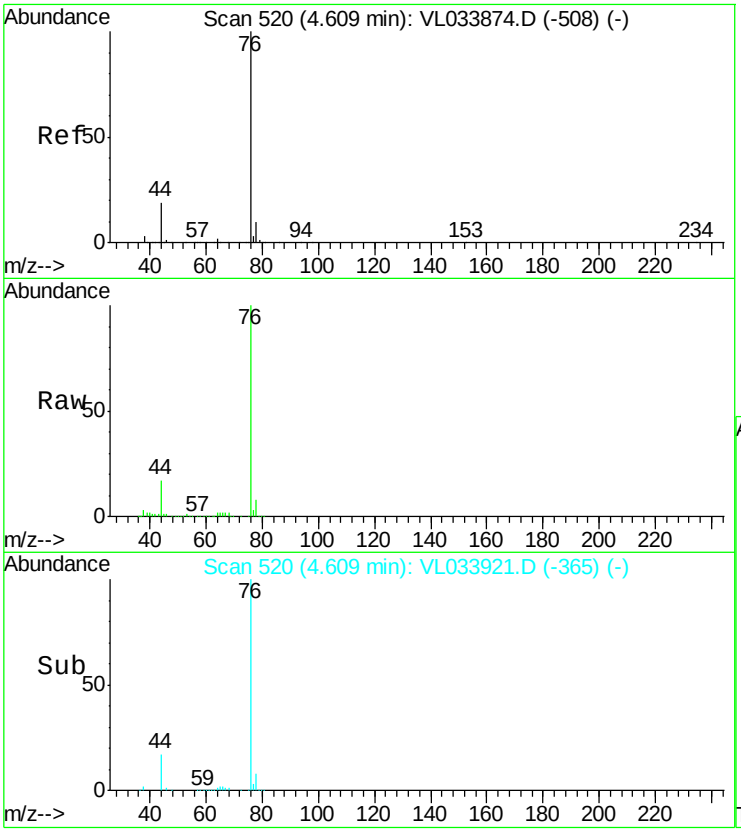


#26
Hexane
Concen: 4.718 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 57 Resp: 440636

Ion	Ratio	Lower	Upper
57	100		
41	116.1	71.4	107.2#
43	77.2	183.7	275.5#
56	63.2	42.7	64.1



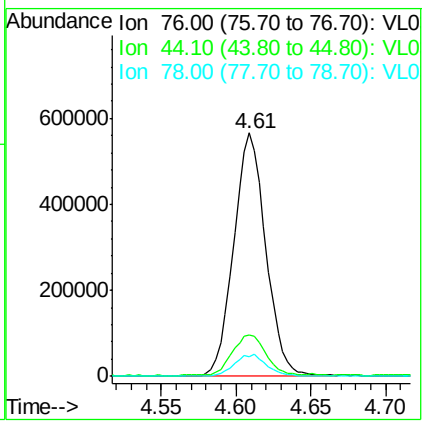


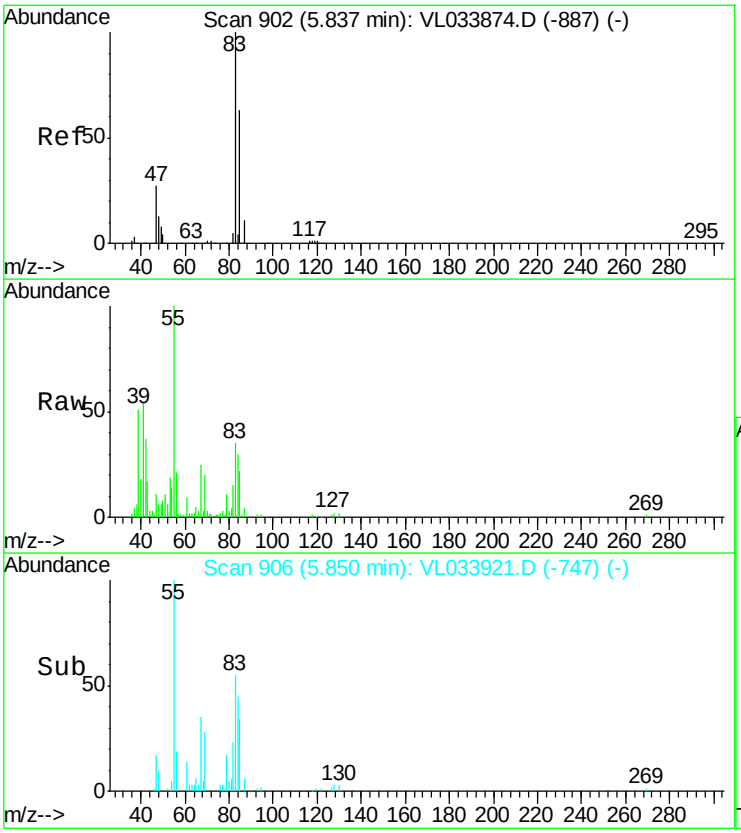
#27
Carbon Disulfide
Concen: 6.533 ppbv
RT: 4.61 min Scan# 520
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 76 Resp: 847664

Ion	Ratio	Lower	Upper
76	100		
44	17.6	14.4	21.6
78	9.2	7.5	11.3

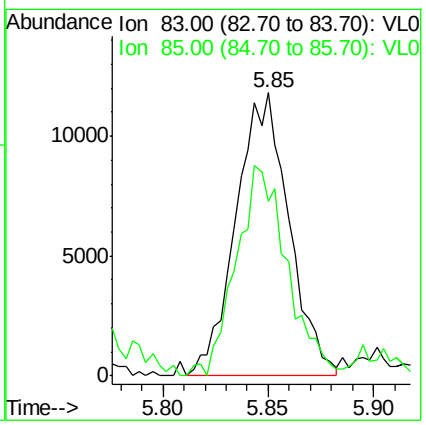


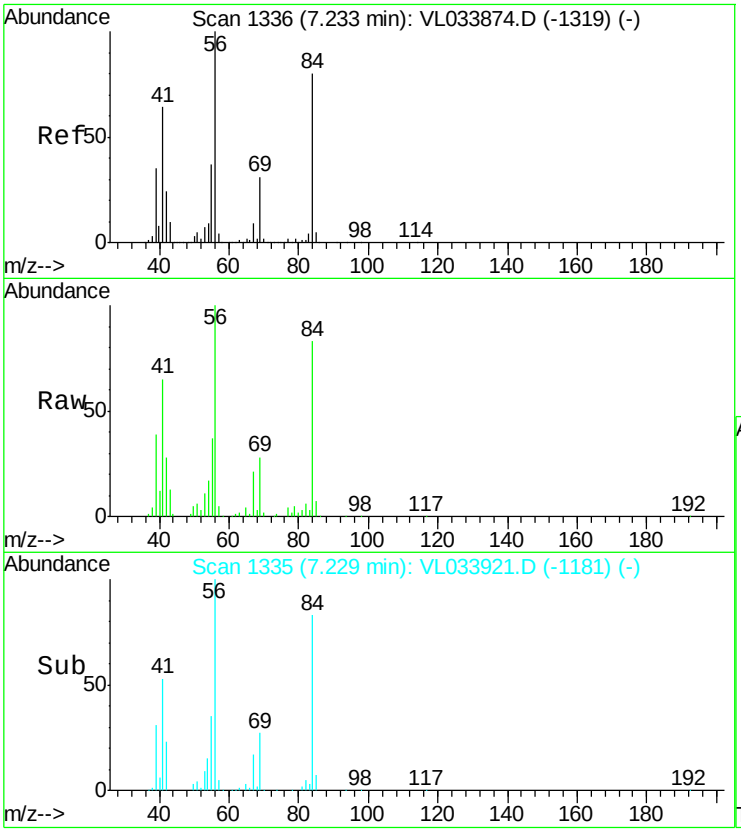


#29
Chloroform
Concen: 0.129 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 83 Resp: 20594

Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.5	75.7



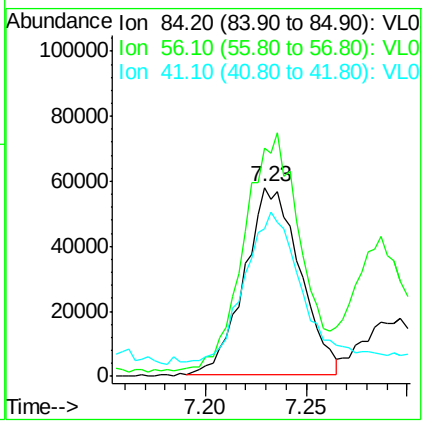


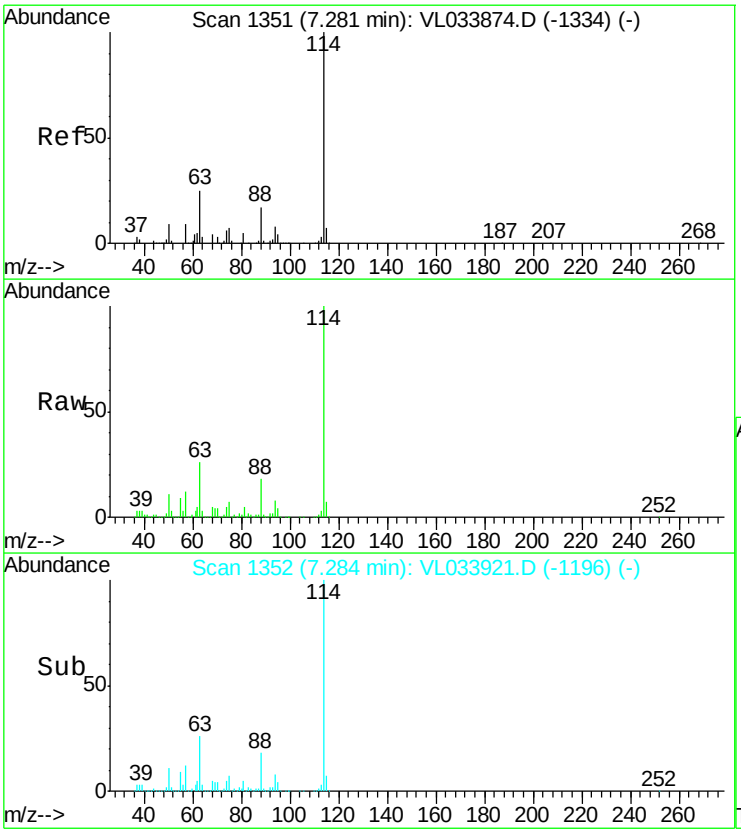
#30
Cyclohexane
Concen: 1.676 ppbv
RT: 7.23 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 84 Resp: 110569

Ion	Ratio	Lower	Upper
84	100		
56	127.8	105.8	158.8
41	100.6	65.7	98.5#

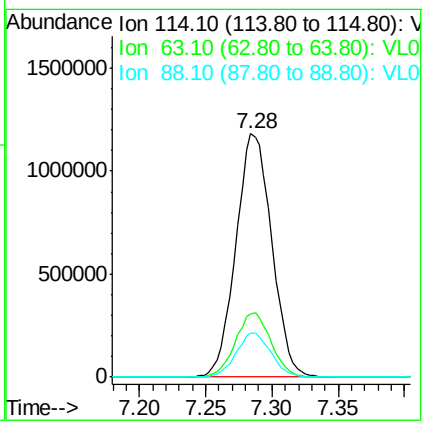


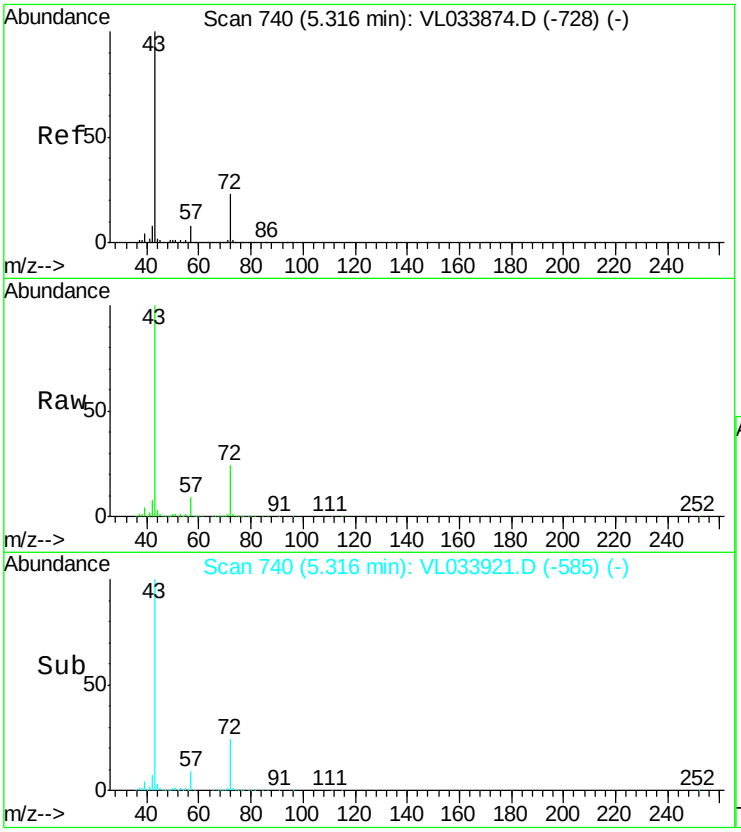


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:114 Resp: 2218962

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.1	31.7
88	17.7	14.2	21.4



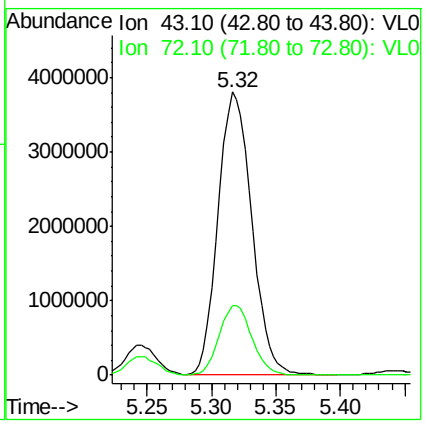


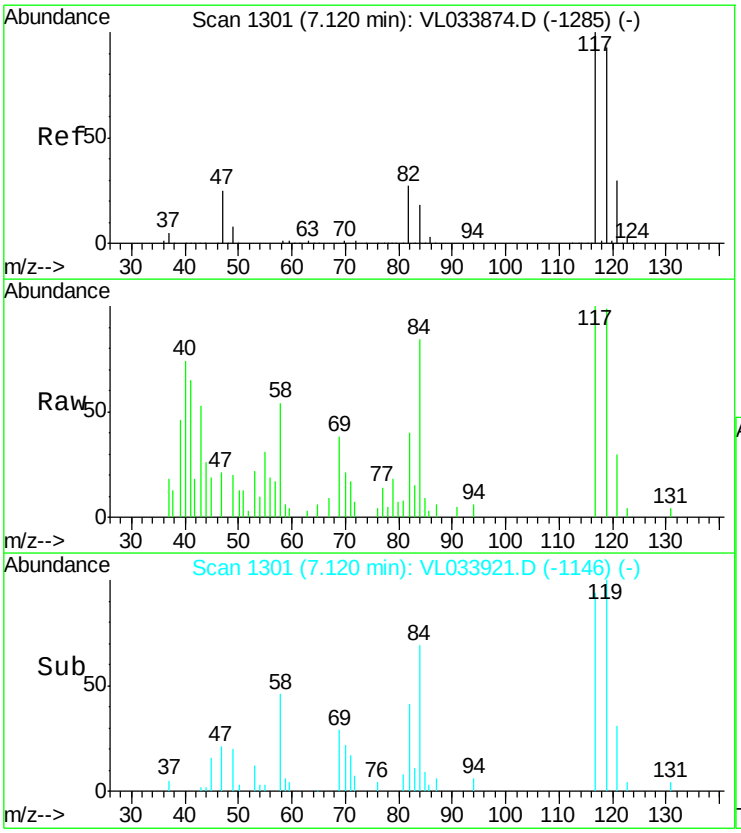
#34
2-Butanone
Concen: 55.141 ppbv
RT: 5.32 min Scan# 740
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 43 Resp: 6902604

Ion	Ratio	Lower	Upper
43	100		
72	23.9	17.9	26.9

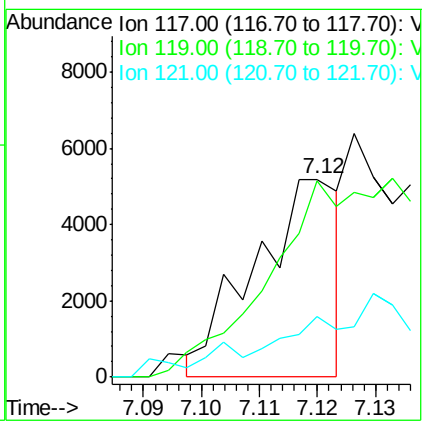


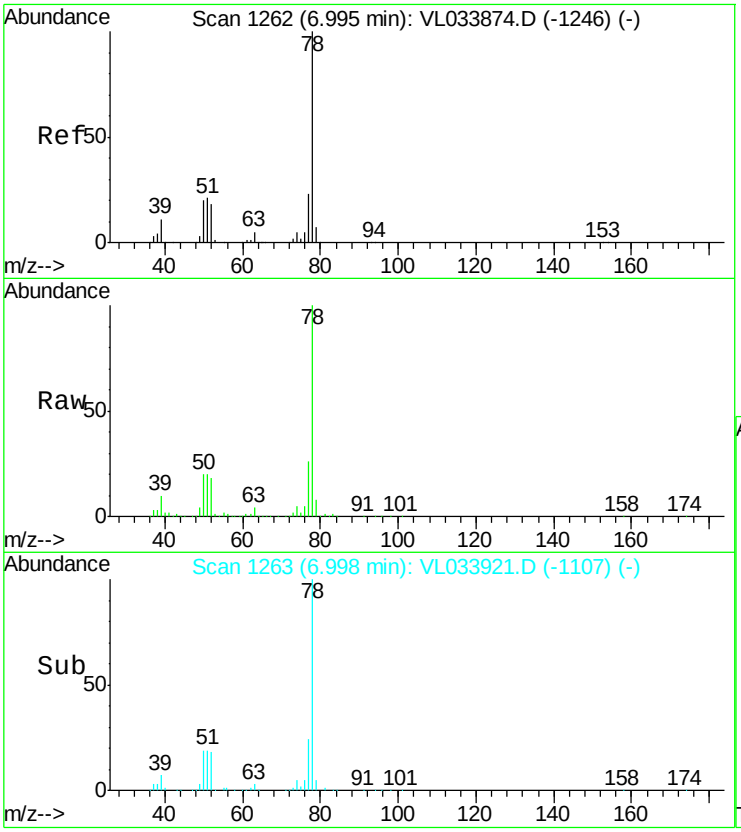


#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.12 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:117 Resp: 5245

Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.6	111.8
121	28.7	24.0	36.0



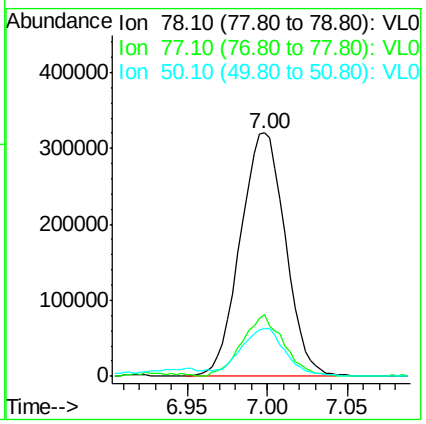


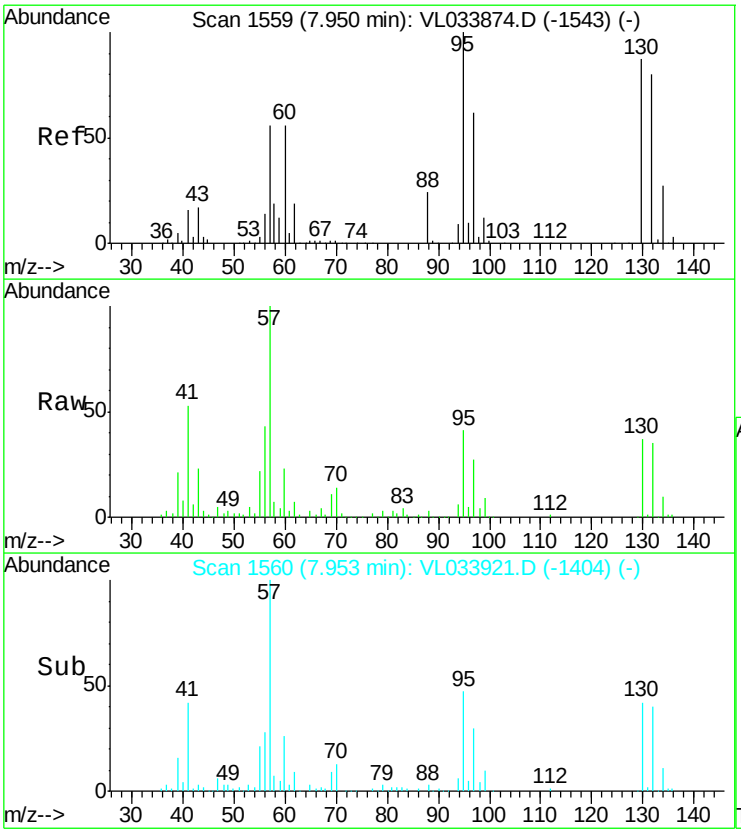
#36
Benzene
Concen: 3.624 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 78 Resp: 614351

Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.2	27.2
50	19.0	15.9	23.9

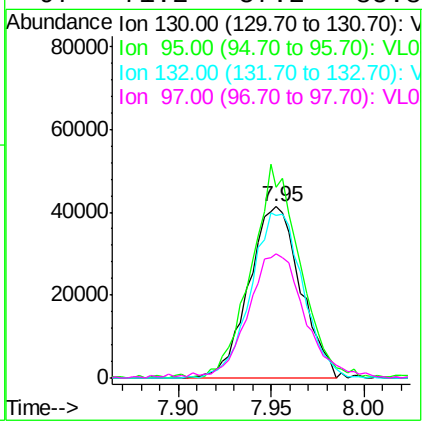


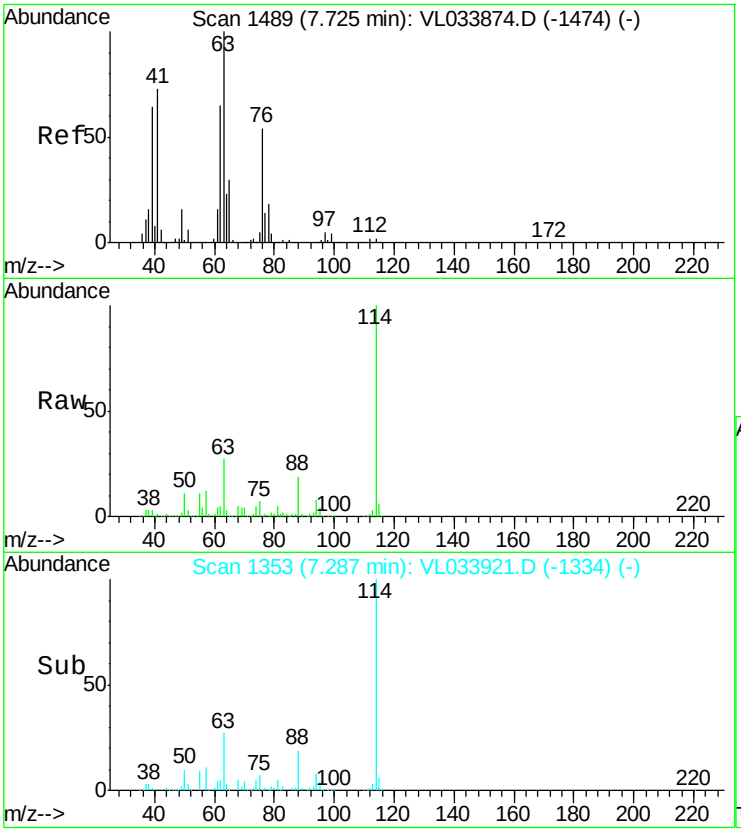


#38
Trichloroethene
Concen: 1.212 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:130 Resp: 79978

Ion	Ratio	Lower	Upper
130	100		
95	110.3	92.0	138.0
132	94.2	73.8	110.8
97	71.2	57.2	85.8



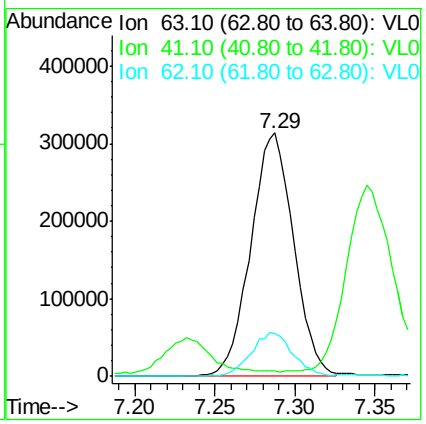


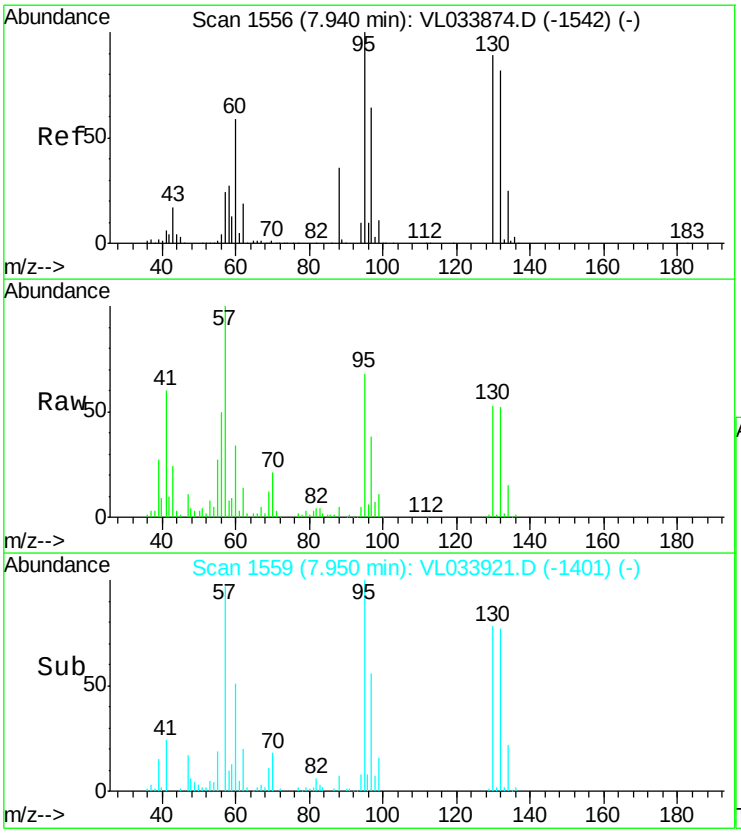
#39
1,2-Dichloropropane
Concen: 8.774 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.44 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 63 Resp: 574015

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	17.3	51.9	77.9#

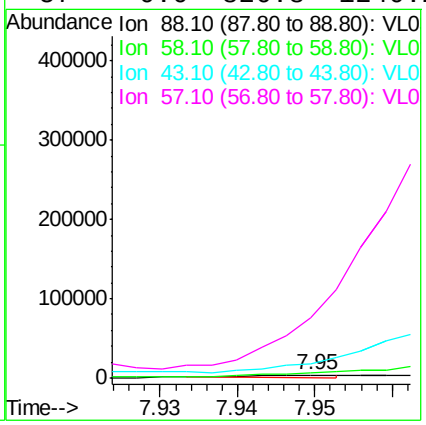


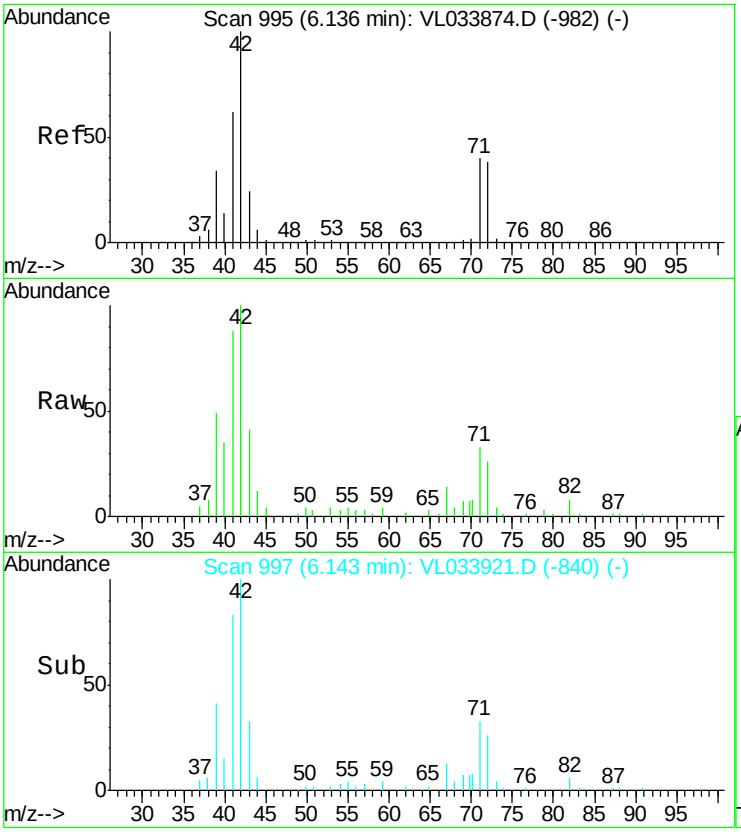


#40
1,4-Dioxane
Concen: 0.070 ppbv
RT: 7.95 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 88 Resp: 1869

Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.0	150.0#
43	0.0	184.7	277.1#
57	0.0	826.8	1240.2#



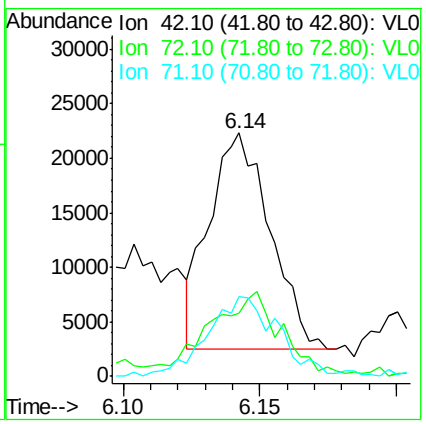


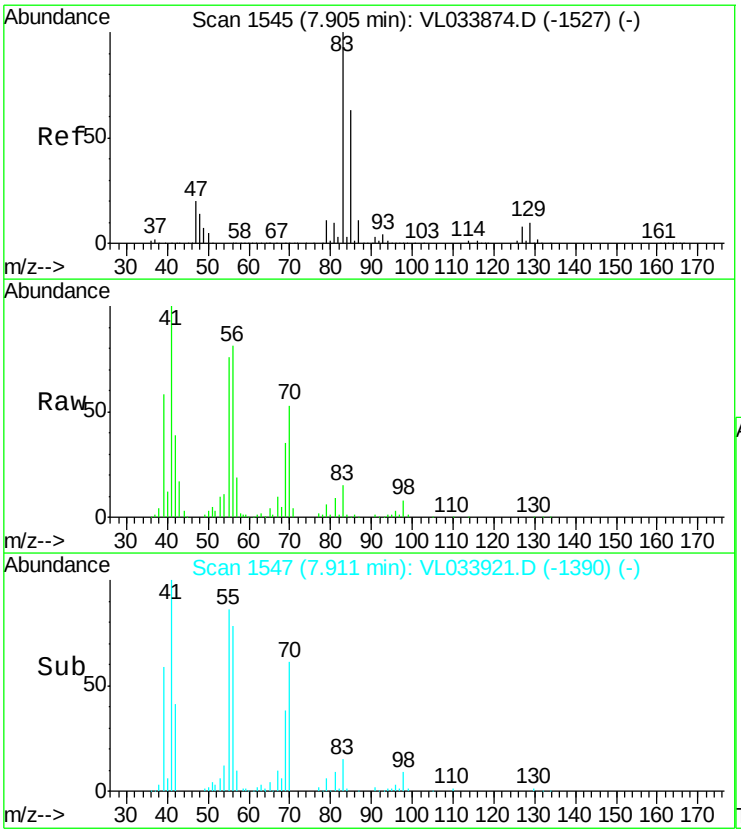
#41
Tetrahydrofuran
Concen: 0.486 ppbv
RT: 6.14 min Scan# 997
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 42 Resp: 30849

Ion	Ratio	Lower	Upper
42	100		
72	53.7	32.2	48.4#
71	43.0	31.7	47.5

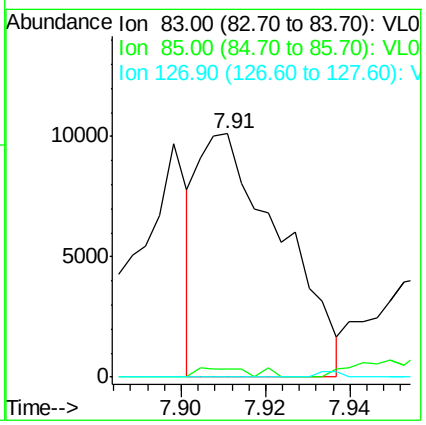


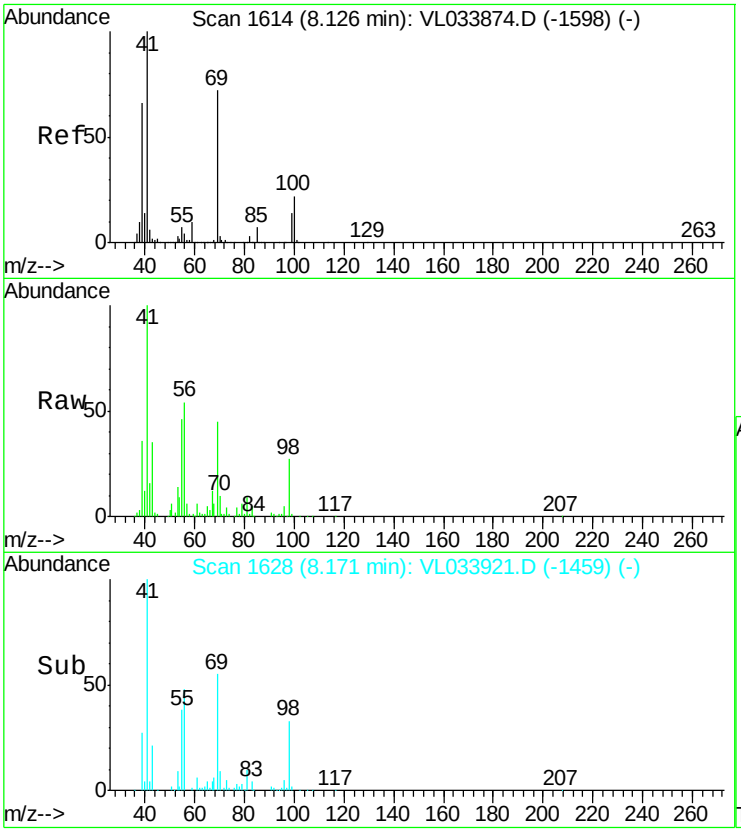


#42
Bromodichloromethane
Concen: 0.082 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 83 Resp: 13755

Ion	Ratio	Lower	Upper
83	100		
85	4.0	50.2	75.2#
127	0.0	6.5	9.7#



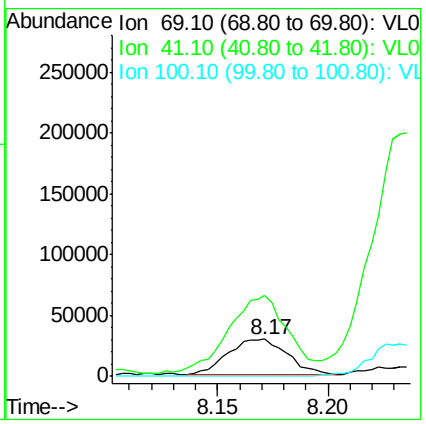


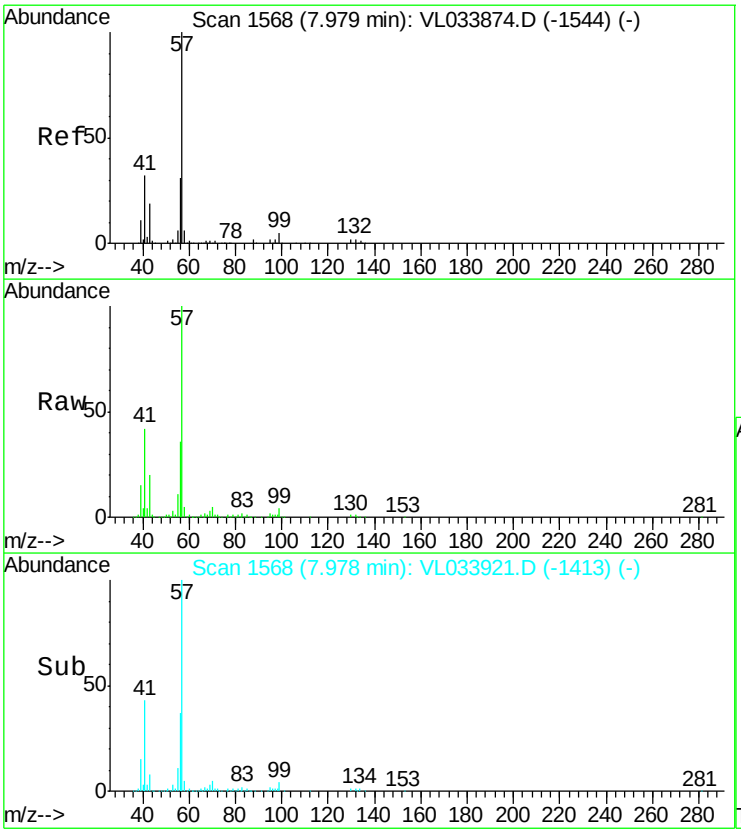
#43
Methyl Methacrylate
Concen: 0.865 ppbv
RT: 8.17 min Scan# 1628
Delta R.T. 0.04 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 69 Resp: 54806

Ion	Ratio	Lower	Upper
69	100		
41	219.7	114.3	171.5#
100	0.0	24.8	37.2#

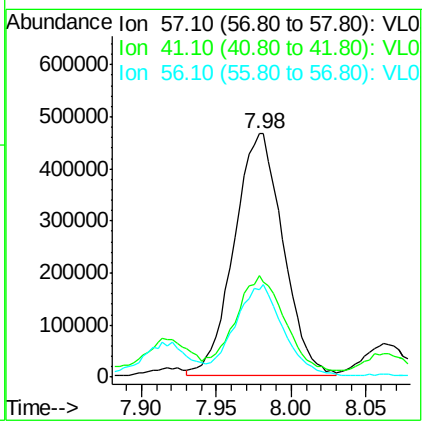


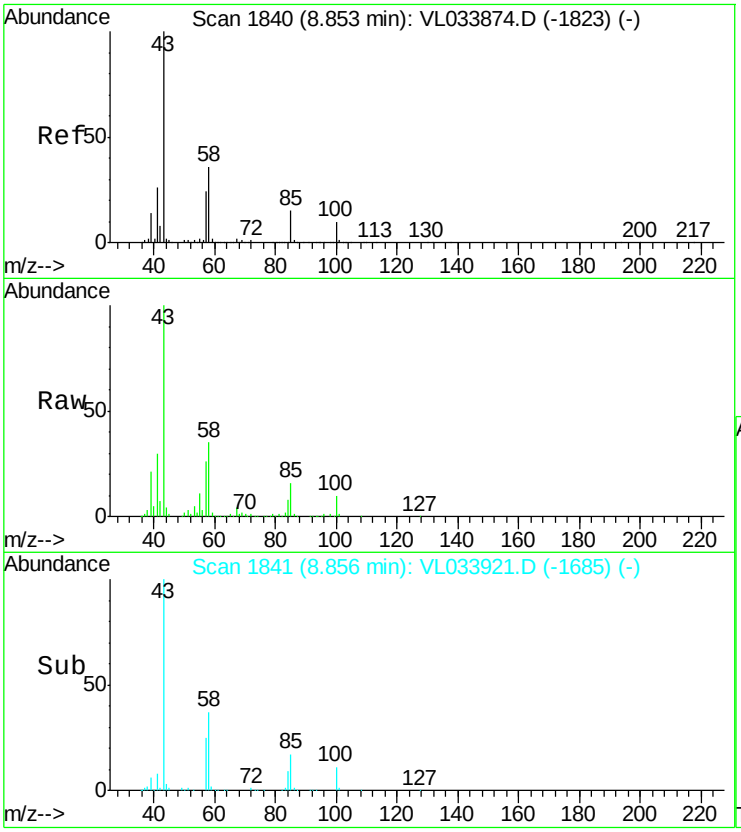


#44
2,2,4-Trimethylpentane
Concen: 3.515 ppbv
RT: 7.98 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 57 Resp: 1059573

Ion	Ratio	Lower	Upper
57	100		
41	42.9	26.1	39.1#
56	37.7	24.6	36.8#



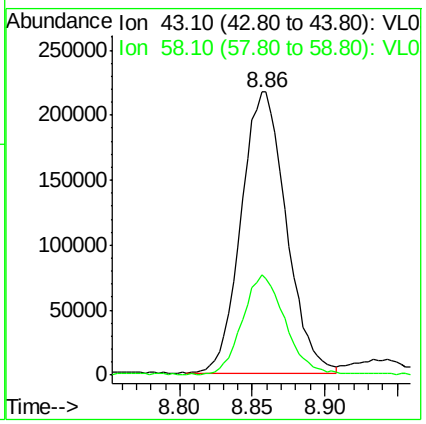


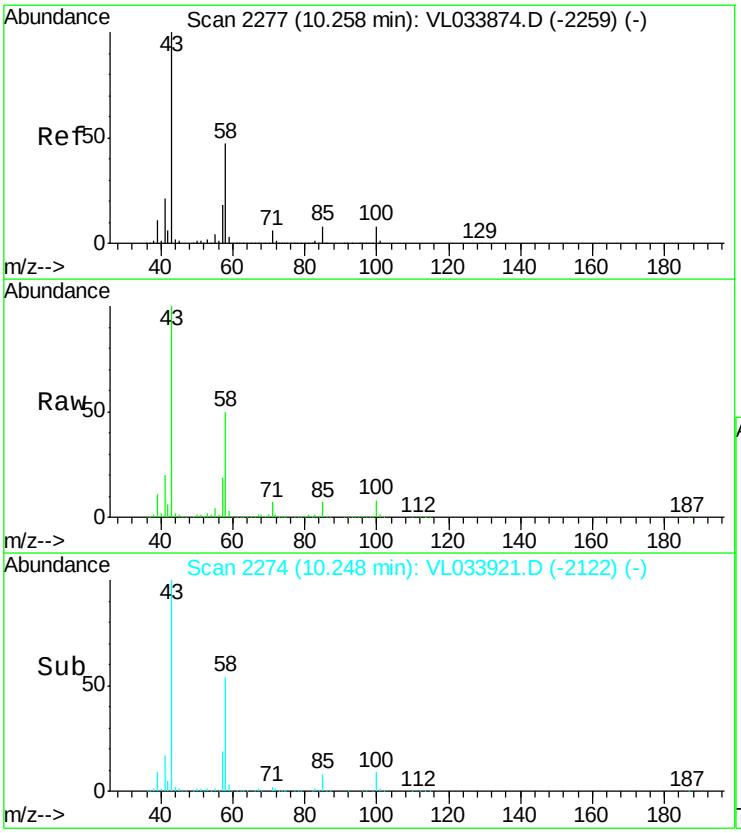
#50
4-Methyl-2-Pentanone
Concen: 2.507 ppbv
RT: 8.86 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 43 Resp: 467980

Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.6	42.8

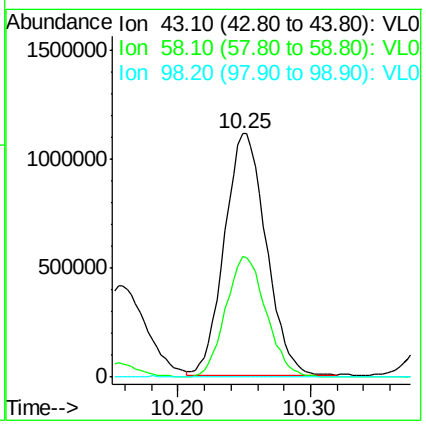


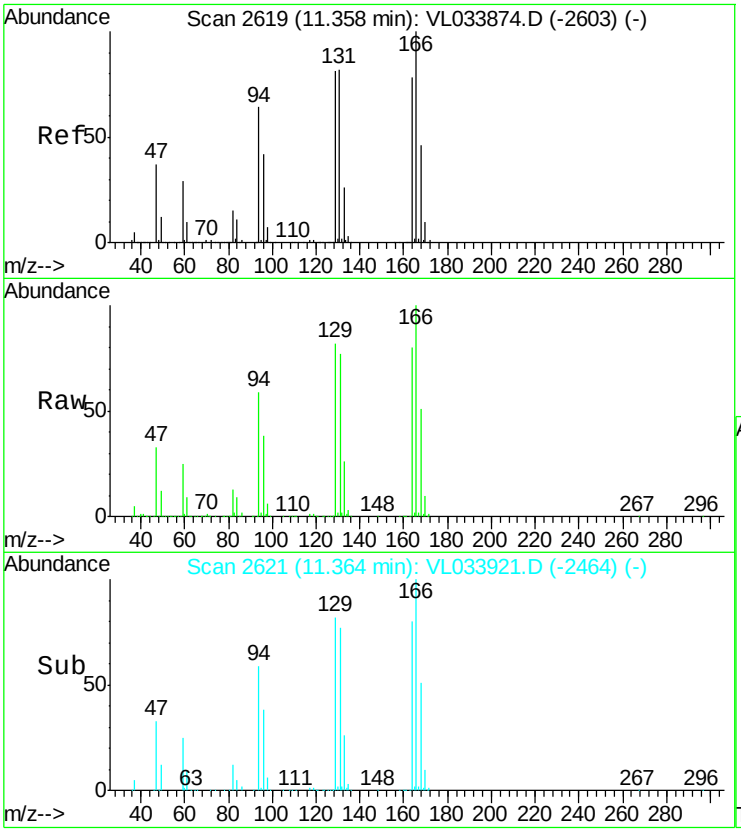


#51
2-Hexanone
Concen: 16.519 ppbv
RT: 10.25 min Scan# 2274
Delta R.T. -0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 43 Resp: 2408010

Ion	Ratio	Lower	Upper
43	100		
58	48.8	38.2	57.4
98	0.4	0.2	0.2#



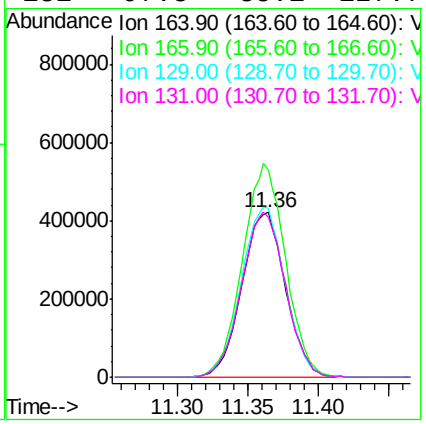


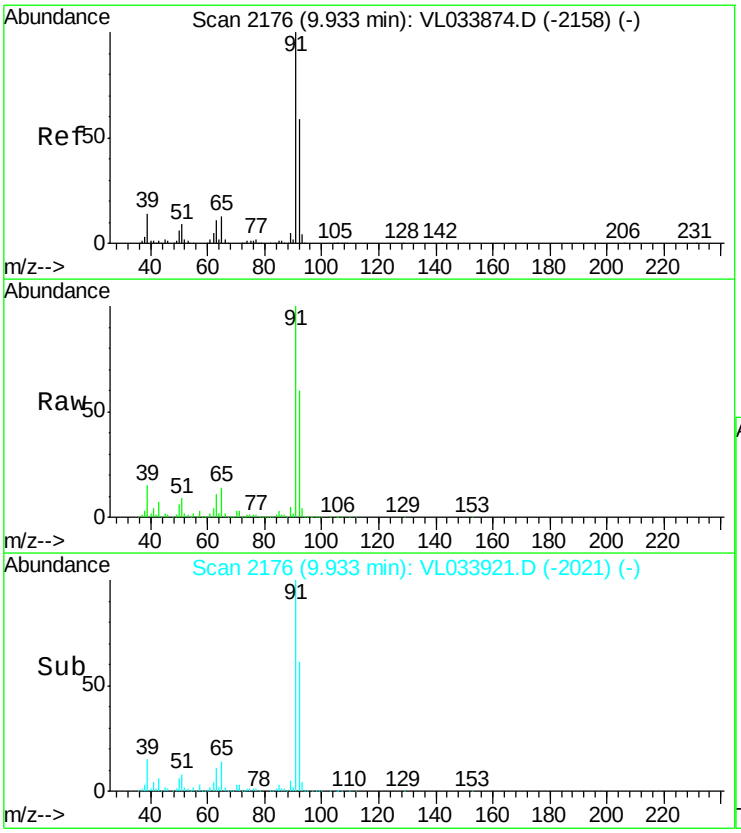
#52
Tetrachloroethene
Concen: 15.291 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion:164 Resp: 912013

Ion	Ratio	Lower	Upper
164	100		
166	125.5	103.1	154.7
129	102.7	83.9	125.9
131	97.3	85.1	127.7

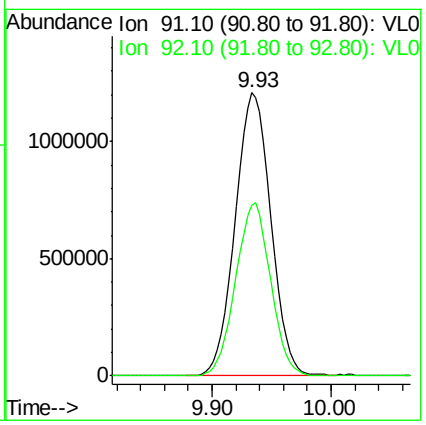


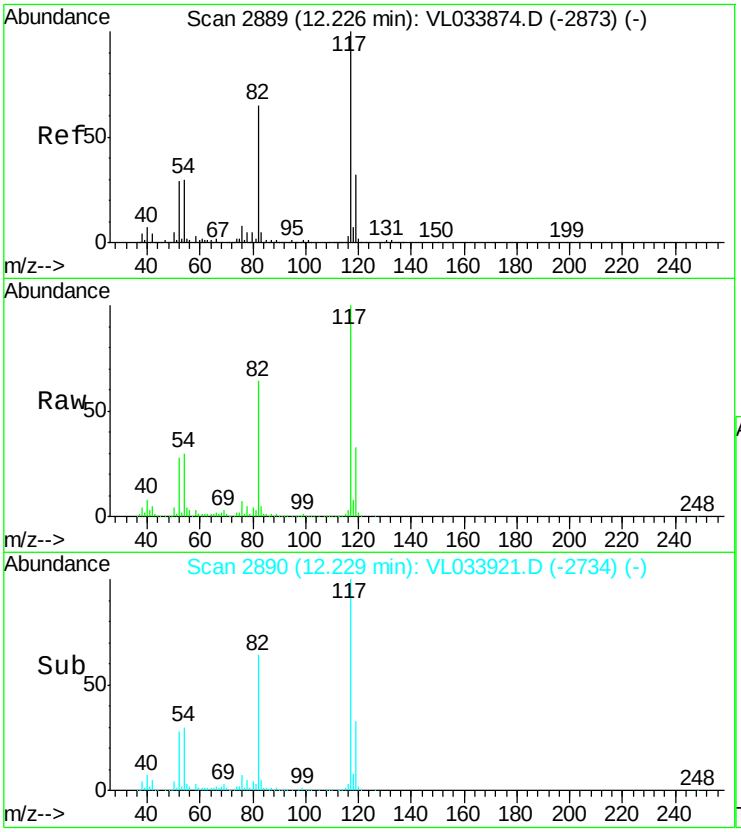


#53
Toluene
Concen: 13.403 ppbv
RT: 9.93 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 91 Resp: 2514130

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.0	70.6



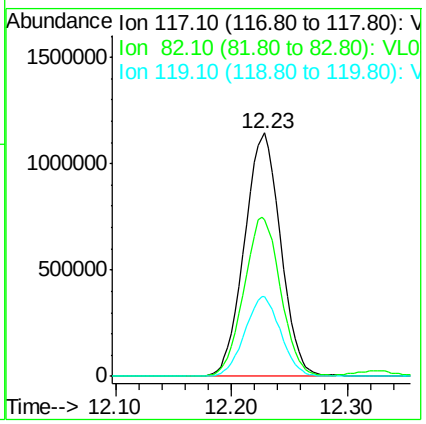


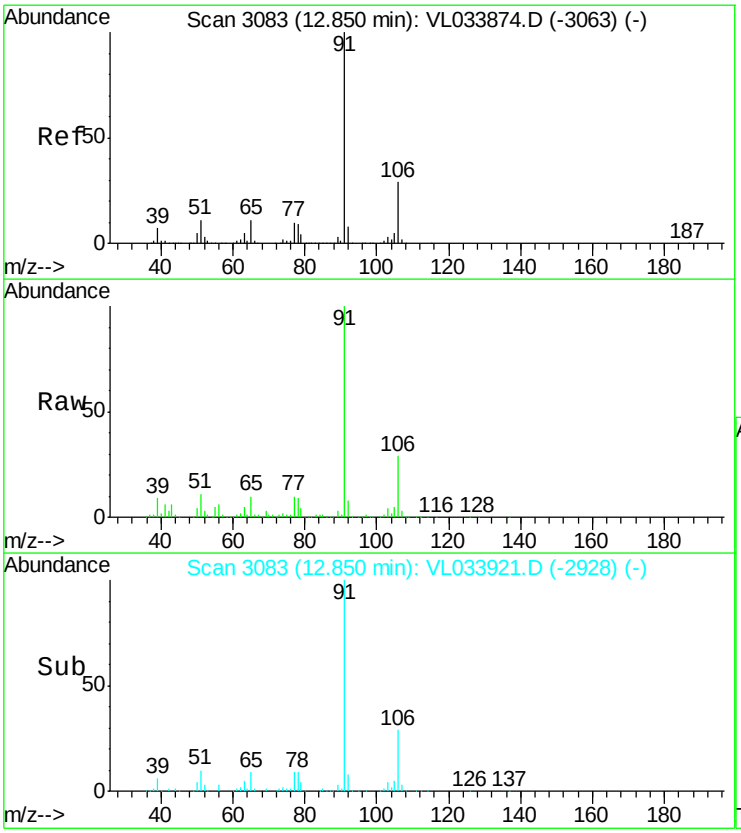
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion:117 Resp: 2496031

Ion	Ratio	Lower	Upper
117	100		
82	65.9	50.2	75.2
119	32.5	24.8	37.2

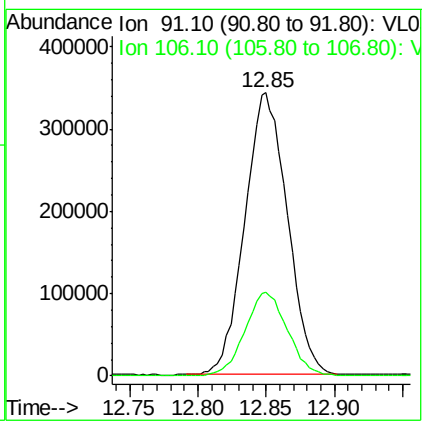


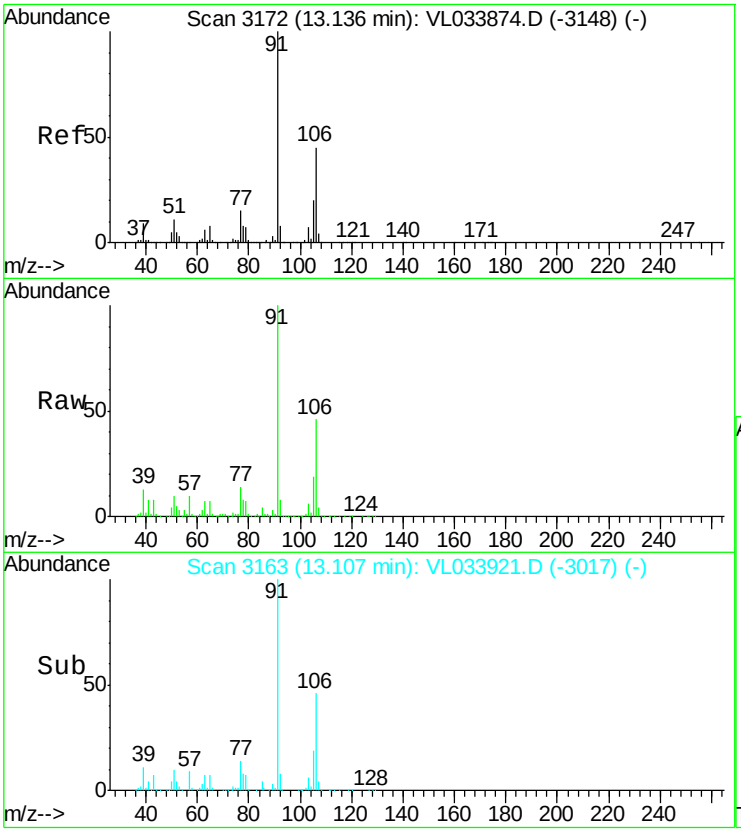


#58
Ethyl Benzene
Concen: 2.637 ppbv
RT: 12.85 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 91 Resp: 742115

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.0	34.6



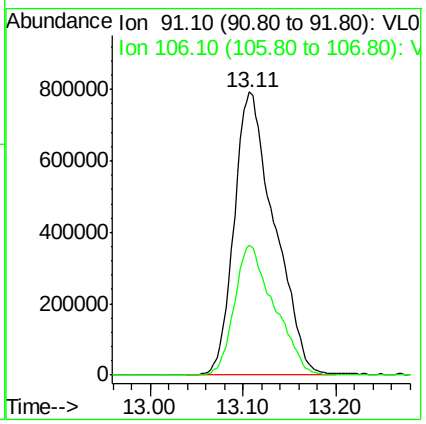


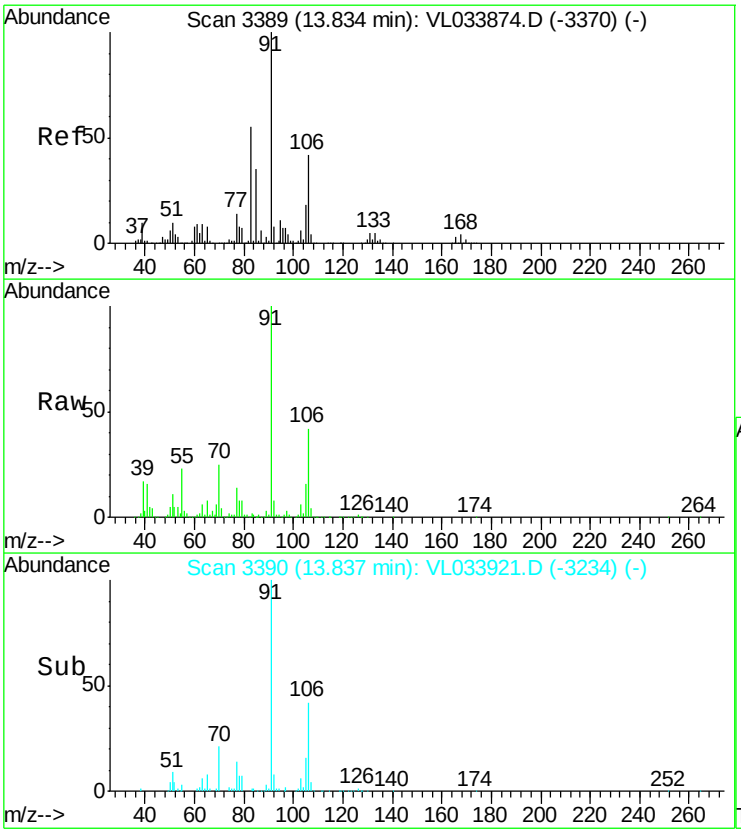
#59
m/p-Xylene
Concen: 9.340 ppbv
RT: 13.11 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 91 Resp: 2390053

Ion	Ratio	Lower	Upper
91	100		
106	45.7	35.8	53.8

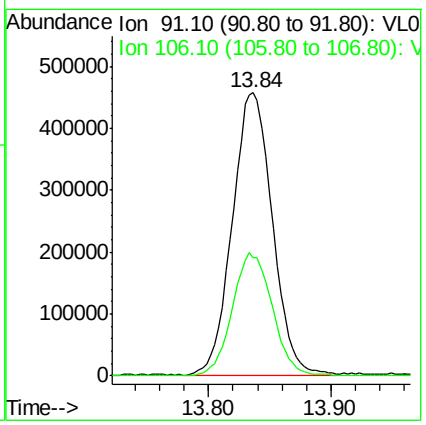


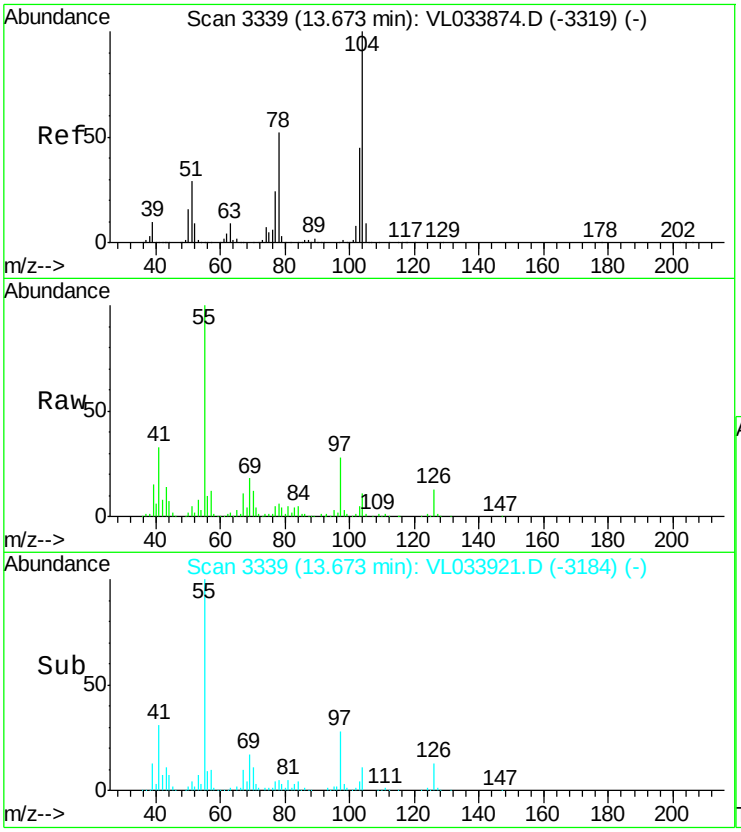


#60
o-Xylene
Concen: 3.915 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 91 Resp: 1034369

Ion	Ratio	Lower	Upper
91	100		
106	43.7	21.7	65.1



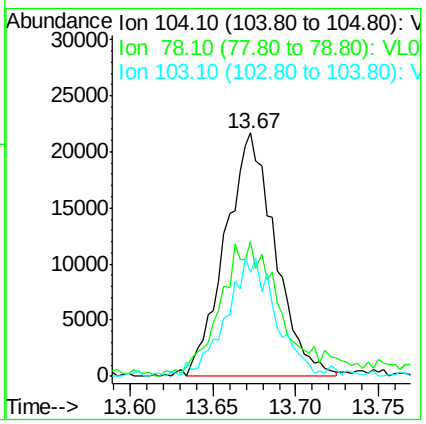


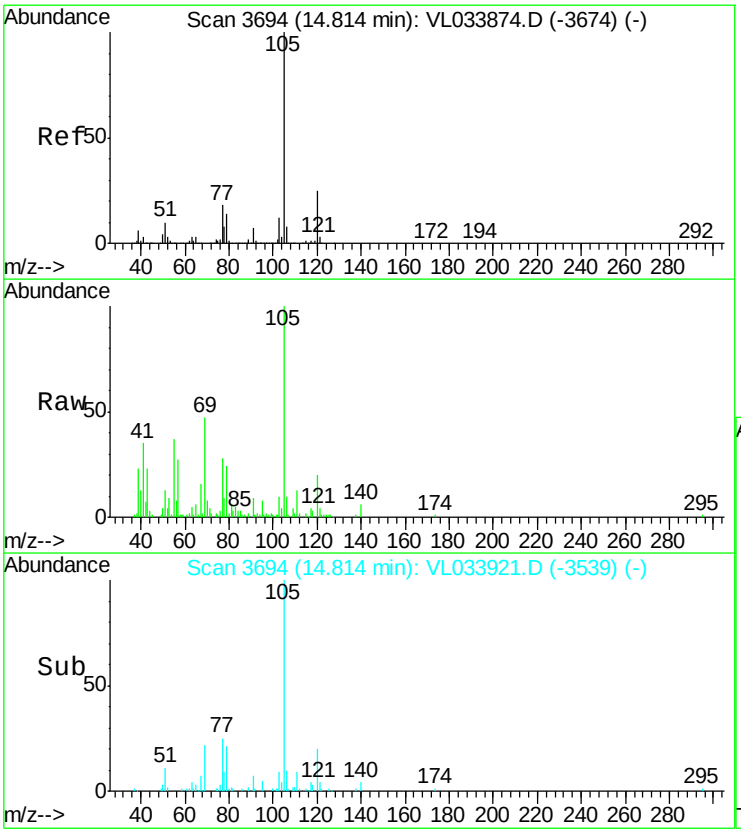
#61
Styrene
Concen: 0.266 ppbv
RT: 13.67 min Scan# 3339
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion:104 Resp: 45458

Ion	Ratio	Lower	Upper
104	100		
78	66.2	43.4	65.0#
103	49.5	37.6	56.4

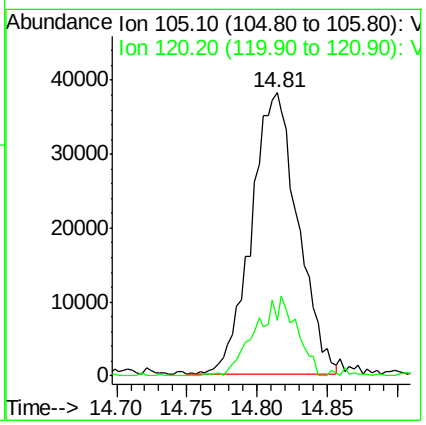


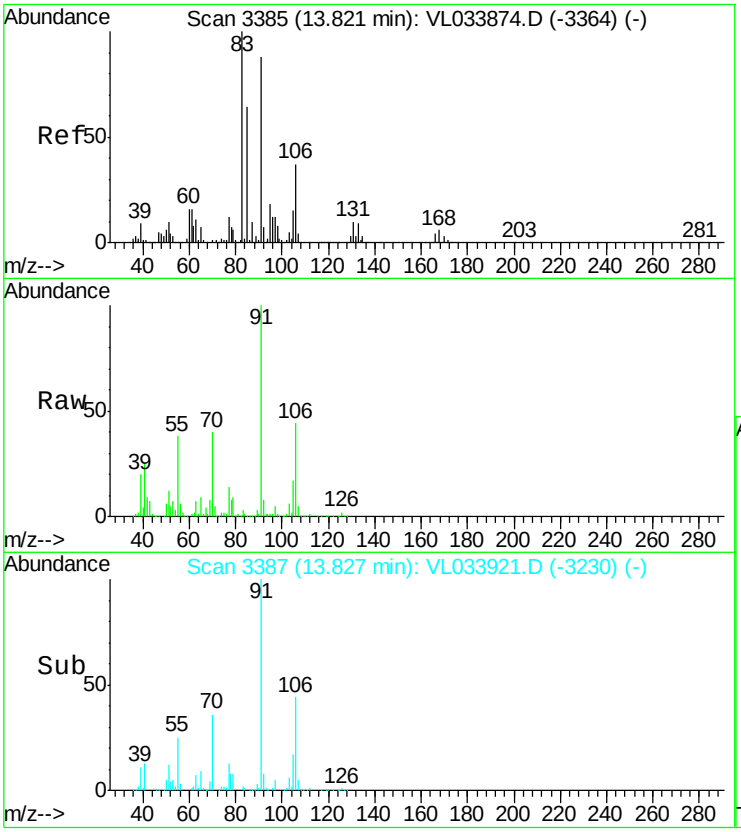


#62
Isopropylbenzene
Concen: 0.247 ppbv
RT: 14.81 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:105 Resp: 87858

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.3	30.5



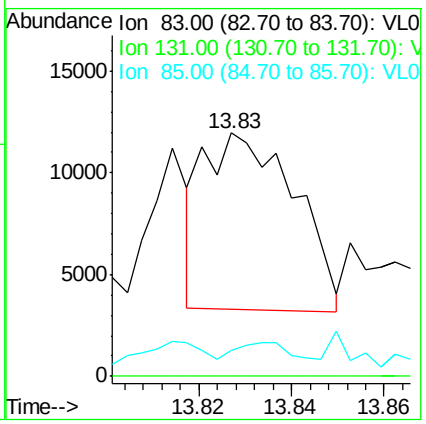


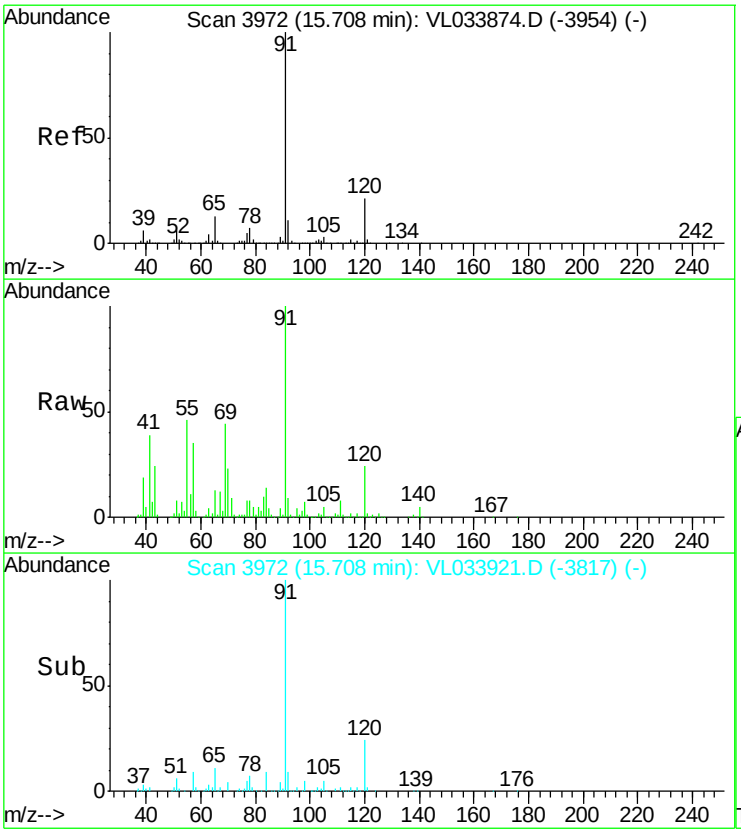
#63
1,1,2,2-Tetrachloroethane
Concen: 0.060 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion: 83 Resp: 11844

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	0.0	32.1	96.3#

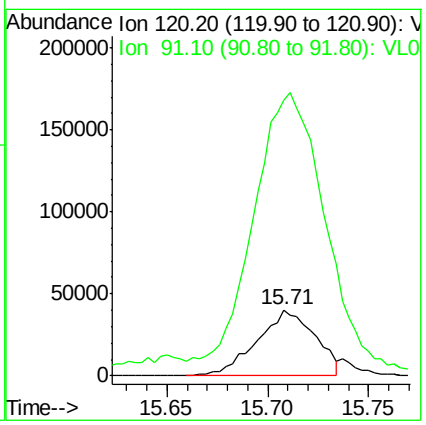


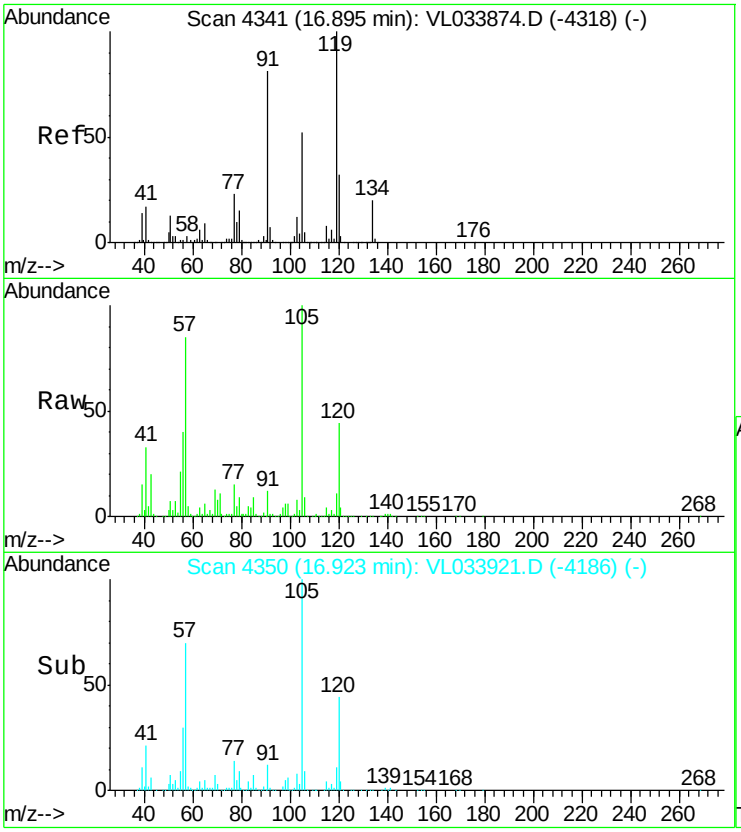


#64
n-propylbenzene
Concen: 0.869 ppbv
RT: 15.71 min Scan# 3972
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:120 Resp: 79242

Ion	Ratio	Lower	Upper
120	100		
91	562.9	387.0	580.6



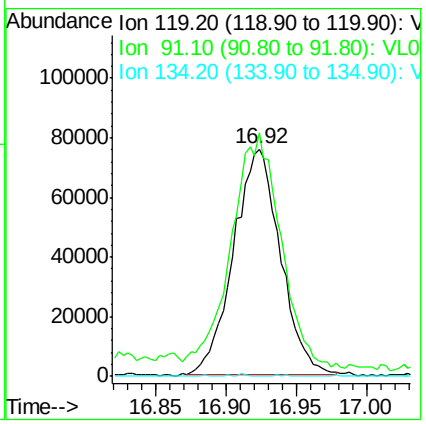


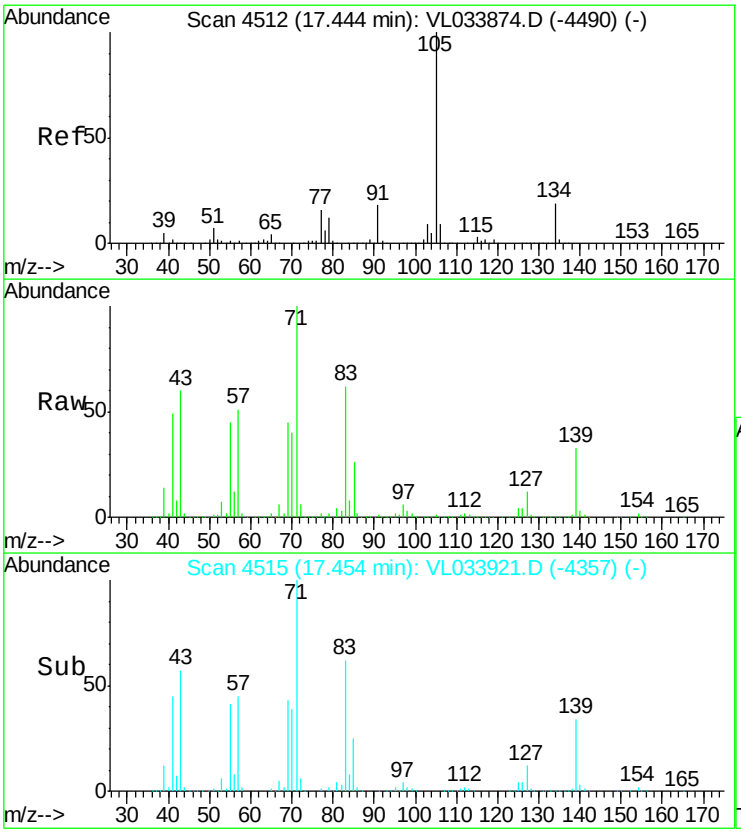
#65
tert-Butylbenzene
Concen: 0.535 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. 0.03 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion:119 Resp: 176159

Ion	Ratio	Lower	Upper
119	100		
91	118.0	66.6	100.0#
134	0.7	15.5	23.3#

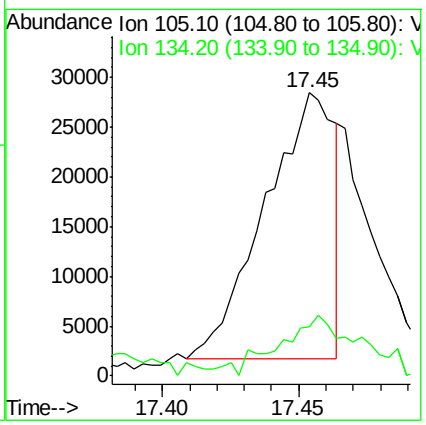


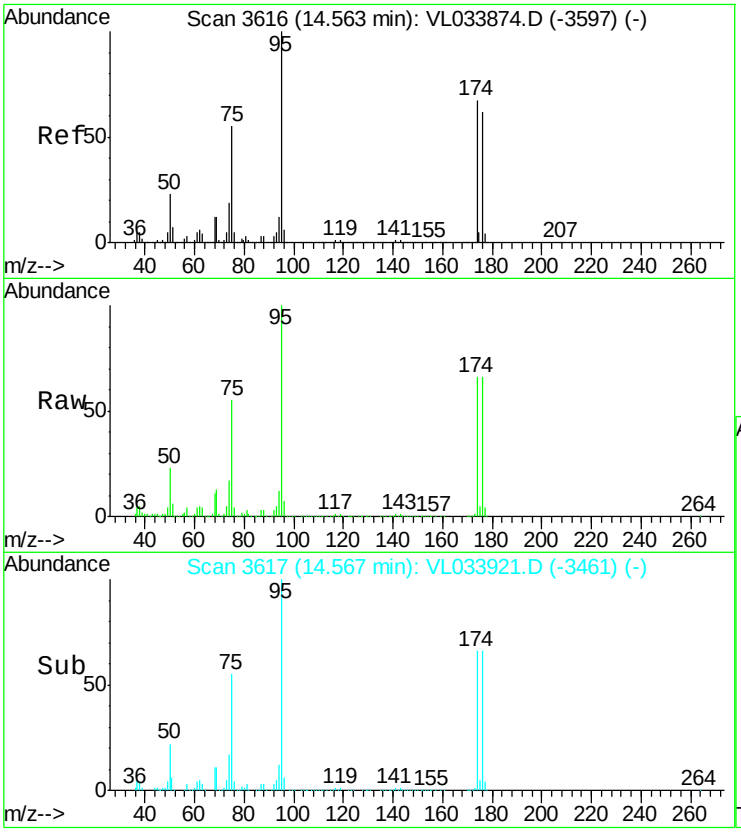


#67
sec-Butylbenzene
Concen: 0.102 ppbv
RT: 17.45 min Scan# 4515
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:105 Resp: 47289

Ion	Ratio	Lower	Upper
105	100		
134	26.6	14.6	22.0#



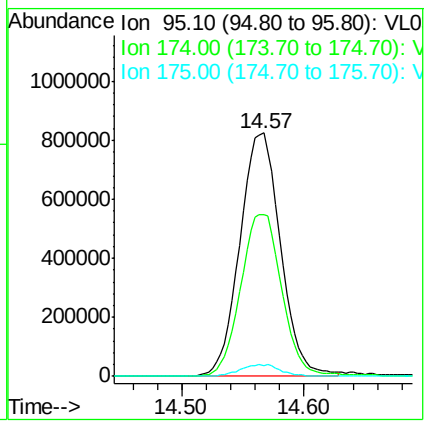


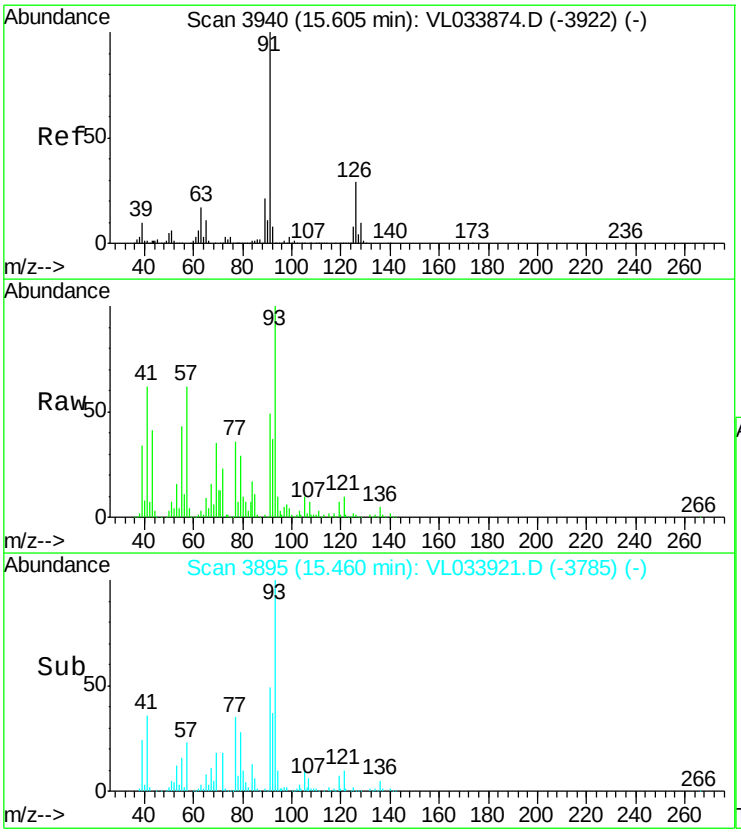
#68
1-Bromo-4-Fluorobenzene
Concen: 9.234 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion: 95 Resp: 1893118

Ion	Ratio	Lower	Upper
95	100		
174	68.3	54.0	81.0
175	4.9	3.8	5.8

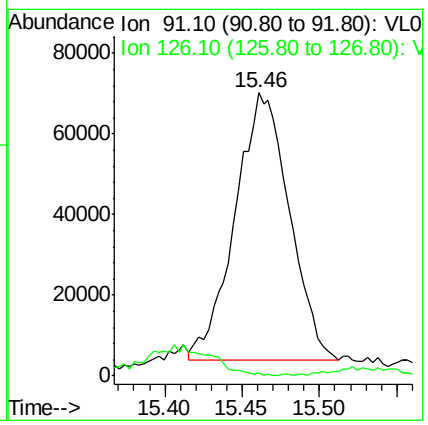


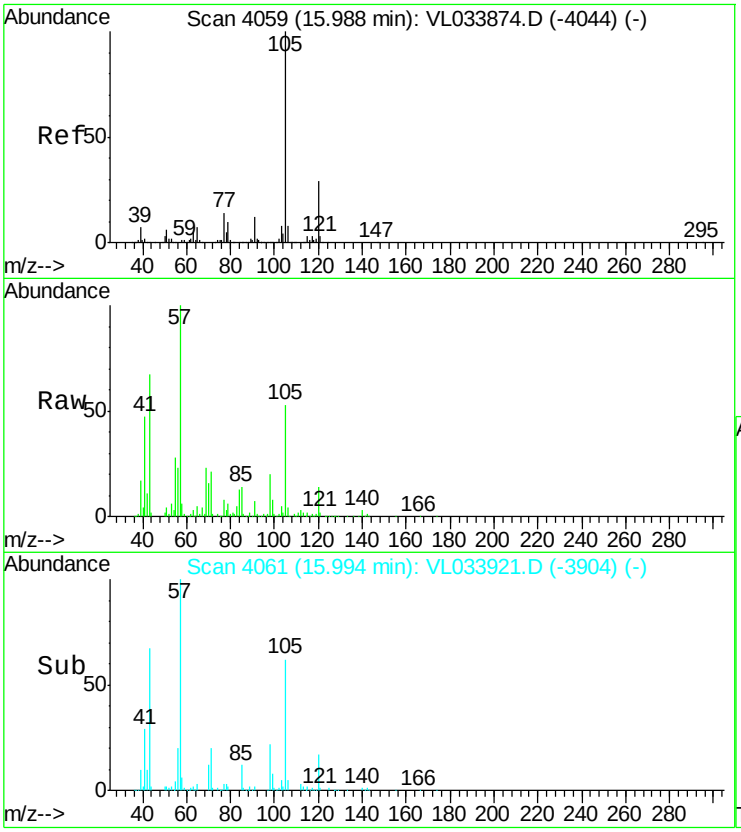


#71
2-Chlorotoluene
Concen: 0.619 ppbv
RT: 15.46 min Scan# 3895
Delta R.T. -0.14 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 91 Resp: 162502

Ion	Ratio	Lower	Upper
91	100		
126	12.9	12.0	48.2



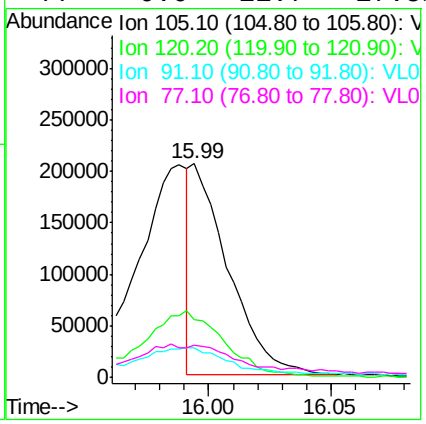


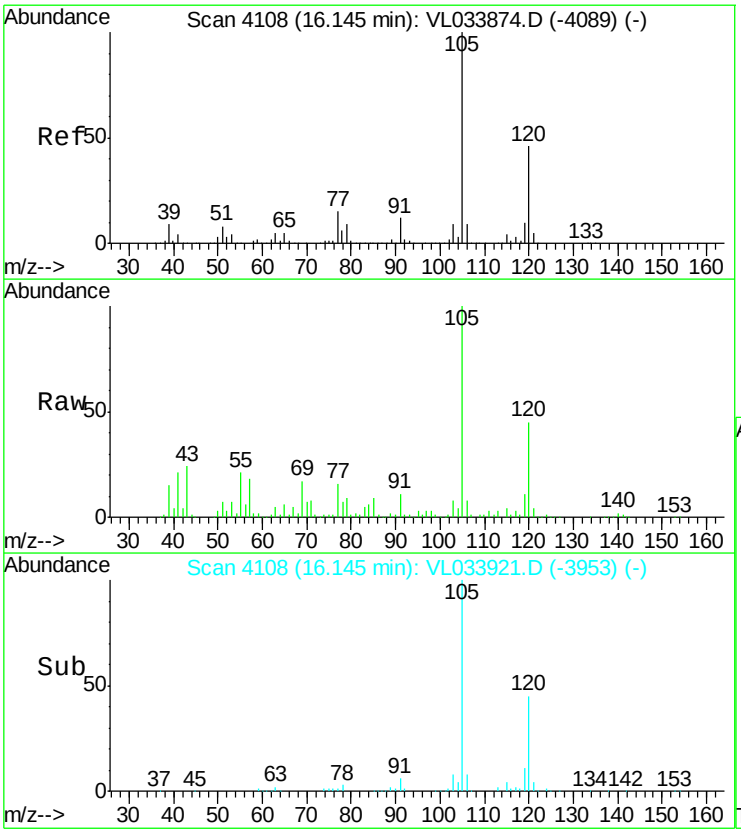
#72
4-Ethyltoluene
Concen: 0.717 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument : MSVOA_L
ClientSampleId : V1

Tgt Ion:105 Resp: 215672

Ion	Ratio	Lower	Upper
105	100		
120	68.9	23.5	35.3#
91	29.8	10.4	15.6#
77	0.0	11.7	17.5#

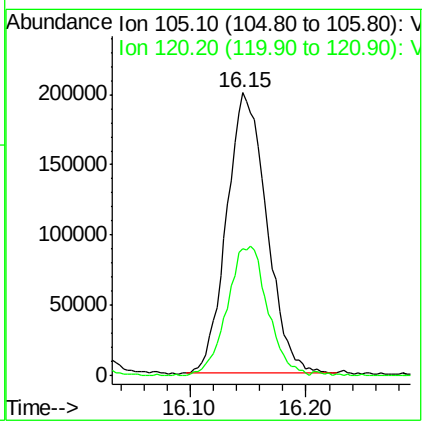


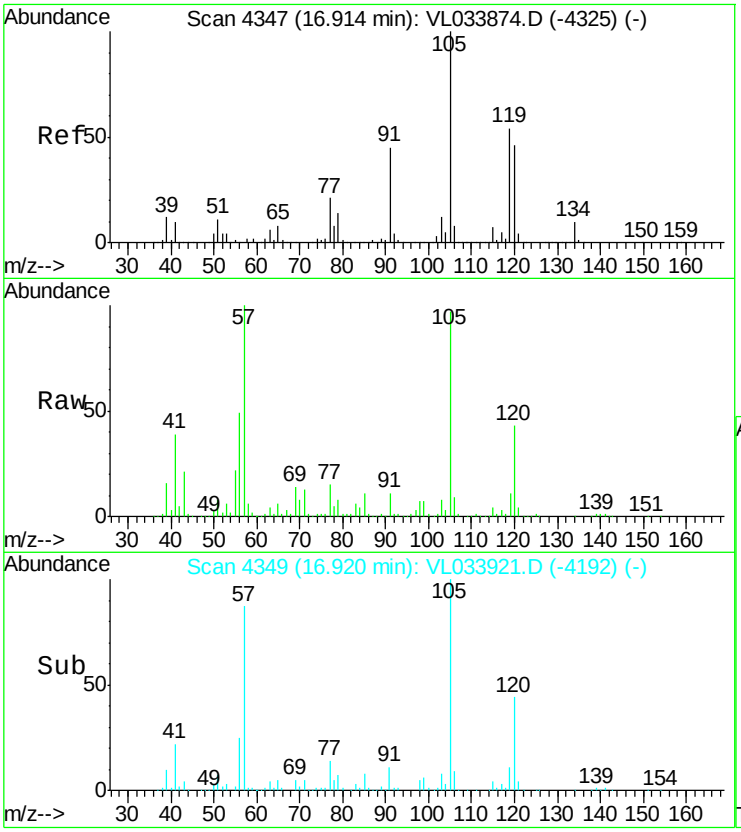


#73
1,3,5-Trimethylbenzene
Concen: 1.617 ppbv
RT: 16.15 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:105 Resp: 478887

Ion	Ratio	Lower	Upper
105	100		
120	45.0	37.1	55.7



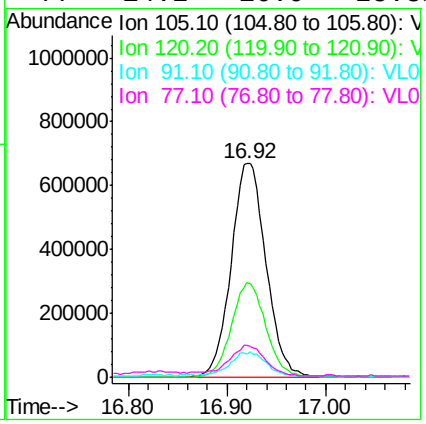


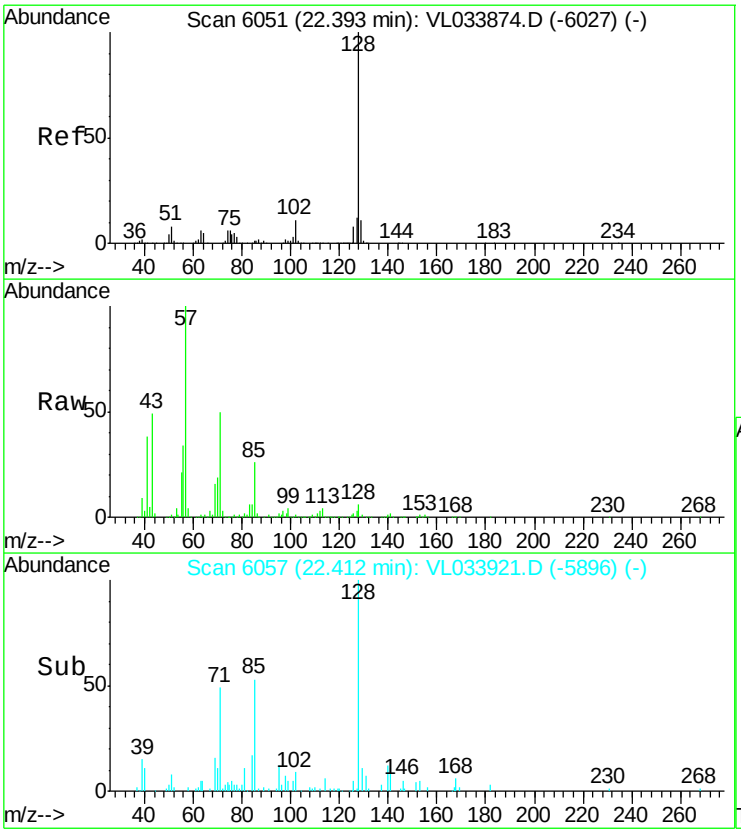
#74
1,2,4-Trimethylbenzene
Concen: 4.790 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tgt Ion:105 Resp: 1634951

Ion	Ratio	Lower	Upper
105	100		
120	44.1	36.7	55.1
91	10.5	35.8	53.8#
77	14.2	16.9	25.3#





#79
Naphthalene
Concen: 0.244 ppbv
RT: 22.41 min Scan# 6057
Delta R.T. 0.02 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion:128 Resp: 66583

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	9.9	8.6	12.8