Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\
Data File : VL034728.D
Acq On : 28 Feb 2020 3:55
Operator : SY/AP
Sample : L1661-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Feb 28 07:14:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1095202	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2280679	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	2293389	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	1914006	10.18	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	89579	0.518	ppbv		94
3) Chlorodifluoromethane	2.93	51	4579561	38.746	ppbv	#	58
4) Chloromethane	3.11	50	22141	0.335	ppbv		95
5) Vinyl Chloride	3.23	62	2244	0.035	ppbv	#	83
7) Chloroethane	3.53	64	4147	0.172	ppbv	#	41
8) Dichlorotetrafluoroethane	3.15	85	5155	0.034	ppbv	#	77
9) Propene	2.98	41	52727	1.067	ppbv	#	78
10) Heptane	8.13	43	147790	1.162	ppbv		98
11) Trichlorofluoromethane	3.93	101	41667	0.275	ppbv		85
12) 1,1,2-Trichlorotrifluoroet	4.47	101	4780	0.045	ppbv	#	15
13) Ethanol	3.60	45	4299865	275.497	ppbv		99
15) Acetone	3.82	43	3826106	30.658	ppbv		97
16) 1,3-Butadiene	3.27	39	50707	0.878	ppbv	#	15
17) tert-Butyl alcohol	4.30	59	1012146	10.584	ppbv		100
19) Isopropyl Alcohol	3.97	45	7100657	95.521	ppbv	#	97
20) Methylene Chloride	4.33	84	43330	0.934	ppbv	#	86
21) Allyl Chloride	4.30	41	391117	4.737	ppbv	#	62
22) trans-1,2-Dichloroethene	4.88	96	8746	0.187	ppbv	#	56
23) Vinyl Acetate	5.06	43	154709	0.912	ppbv	#	67
25) Ethyl Acetate	5.68	43	225336	1.020	ppbv	#	89
26) Hexane	5.68	57	149789	1.471	ppbv	#	72
27) Carbon Disulfide	4.97	76	652369	5.644	ppbv	#	64
28) Methyl tert-Butyl Ether	5.03	73	5455	0.038	ppbv	#	13
29) Chloroform	5.75	83	148522	0.916	ppbv		90
30) Cyclohexane	7.14	84	58455	0.741	ppbv		95
31) cis-1,2-Dichloroethene	5.55	61	51687	0.516	ppbv	#	87
32) 1,1,1-Trichloroethane	6.52	97	4099	0.027	ppbv	#	1
34) 2-Butanone	5.24	43	574455	4.002	ppbv		98
35) Carbon Tetrachloride	7.02	117	5473	0.036	ppbv	#	45
36) Benzene	6.90	78	159854	0.812	ppbv		96
38) Trichloroethene	7.85	130	461116	6.073	ppbv		97
39) 1,2-Dichloropropane	7.19	63	635761	8.112	ppbv	#	23
41) Tetrahydrofuran	6.05	42	242377	3.199	ppbv		96
42) Bromodichloromethane	7.81	83	5433	0.033	ppbv	#	26
44) 2,2,4-Trimethylpentane	7.88	57	388558	1.129	ppbv	#	82
50) 4-Methyl-2-Pentanone	8.77	43	164114	0.807	ppbv		96
51) 2-Hexanone	10.15	43	7288	0.046	ppbv	#	28
52) Tetrachloroethene	11.25	164	8782	0.122	ppbv	#	57
53) Toluene	9.83	91	1433734	6.843	ppbv		99
58) Ethyl Benzene	12.75	91	390922	1.409	ppbv		95
59) m/p-Xylene	13.00	91	1171348	4.840	ppbv		100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\
Data File : VL034728.D
Acq On : 28 Feb 2020 3:55
Operator : SY/AP
Sample : L1661-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Feb 28 07:14:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) o-Xylene	13.73	91	469678	1.956	ppbv		98
61) Styrene	13.57	104	14568	0.094	ppbv	#	1
62) Isopropylbenzene	14.71	105	22705	0.065	ppbv	#	50
64) n-propylbenzene	15.60	120	10836	0.120	ppbv	#	1
65) tert-Butylbenzene	16.80	119	34217	0.113	ppbv	#	1
67) sec-Butylbenzene	17.34	105	13535	0.031	ppbv	#	59
69) p-Isopropyltoluene	17.70	119	766911	2.140	ppbv		99
70) n-Butylbenzene	18.62	91	19666	0.050	ppbv	#	1
72) 4-Ethyltoluene	15.88	105	84092	0.315	ppbv	#	59
73) 1,3,5-Trimethylbenzene	16.04	105	64201	0.250	ppbv		88
74) 1,2,4-Trimethylbenzene	16.81	105	282059	0.993	ppbv	#	70
75) 1,3-Dichlorobenzene	17.05	146	12801	0.078	ppbv	#	22
76) 1,4-Dichlorobenzene	17.19	146	30032	0.183	ppbv	#	41
79) Naphthalene	22.27	128	31700	0.127	ppbv	#	85
80) Naphthalene,2-methyl-	25.03	142	10782	0.140	ppbv	#	93

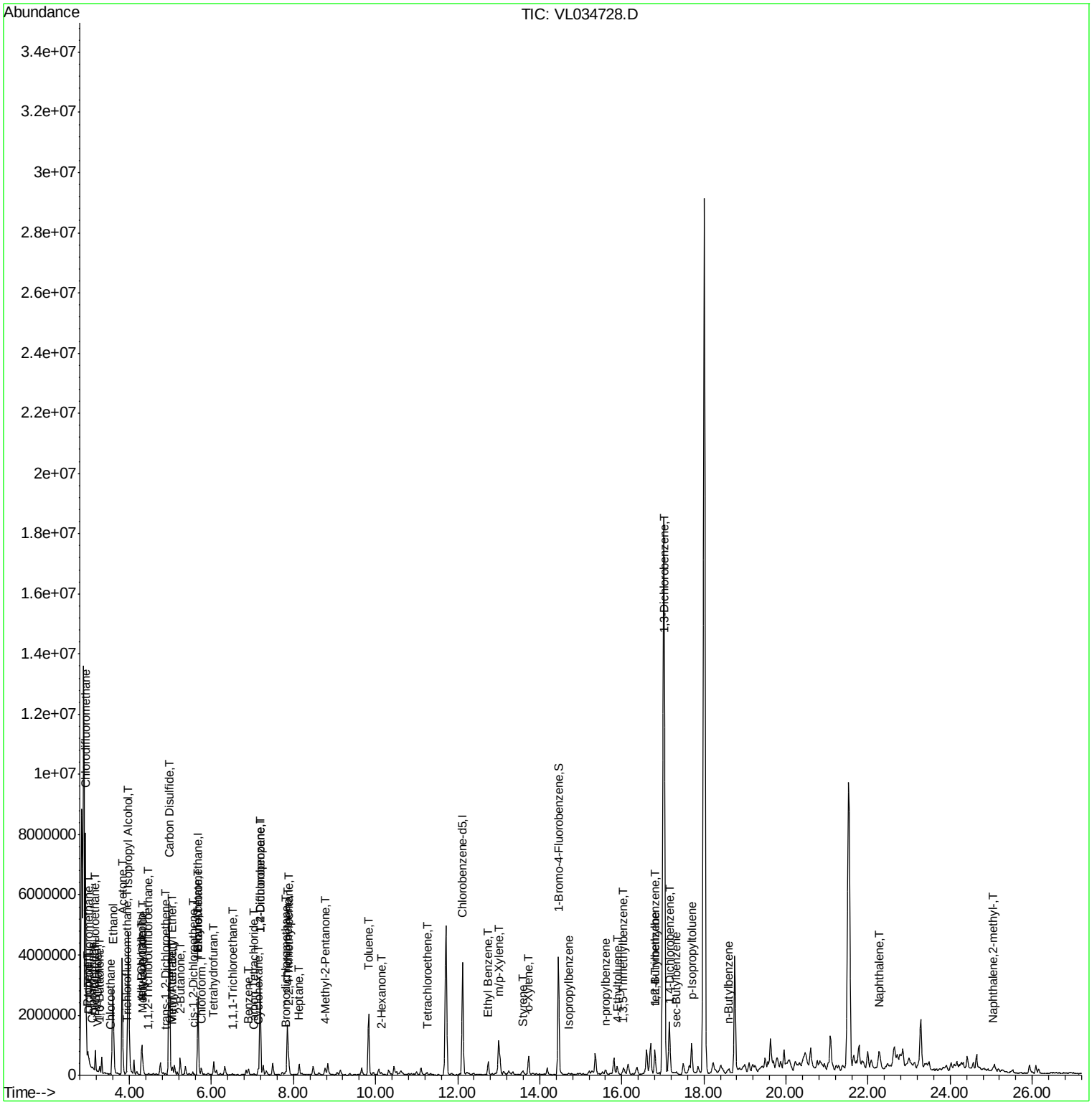
(#) = qualifier out of range (m) = manual integration (+) = signals summed

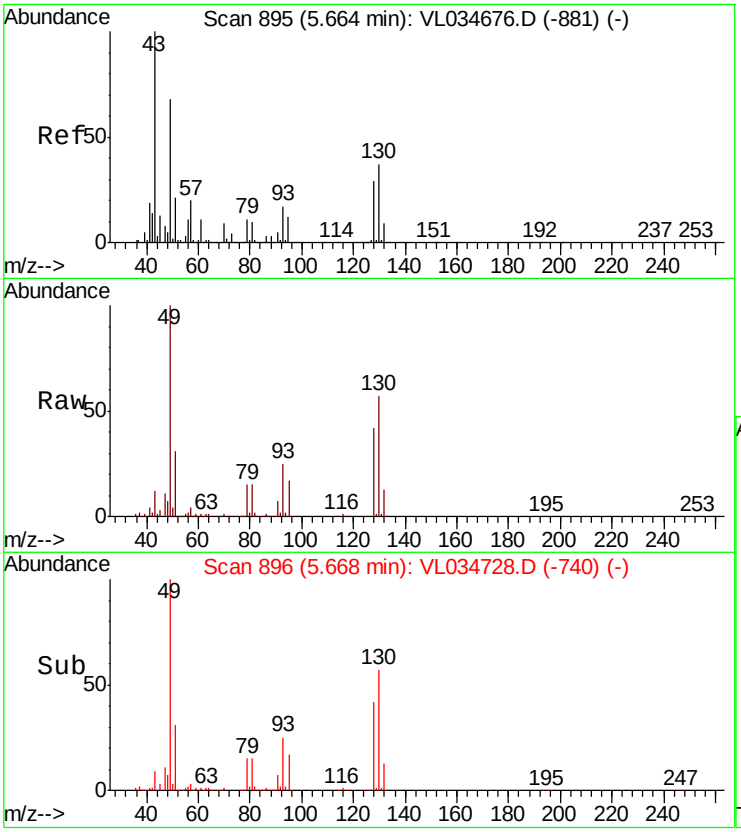
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\
Data File : VL034728.D
Acq On : 28 Feb 2020 3:55
Operator : SY/AP
Sample : L1661-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 28 07:14:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration



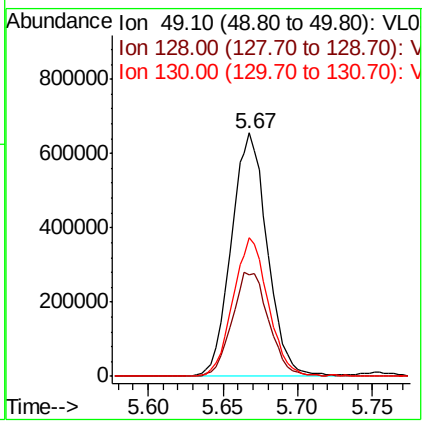


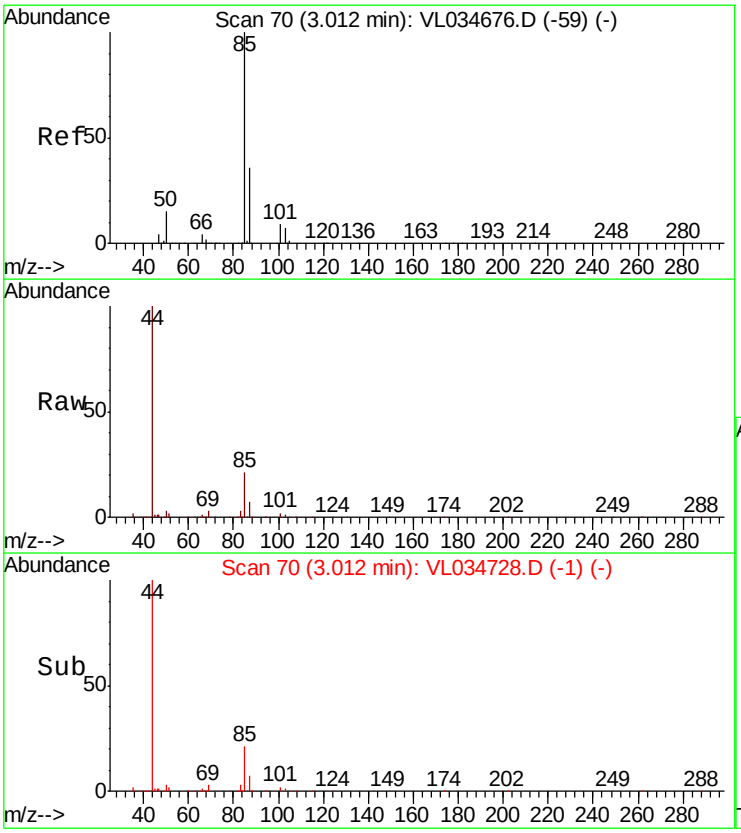
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1095202

Ion	Ratio	Lower	Upper
49	100		
128	44.0	21.6	65.0
130	56.0	27.7	83.1

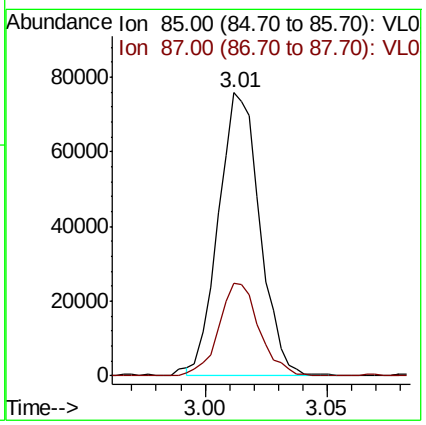


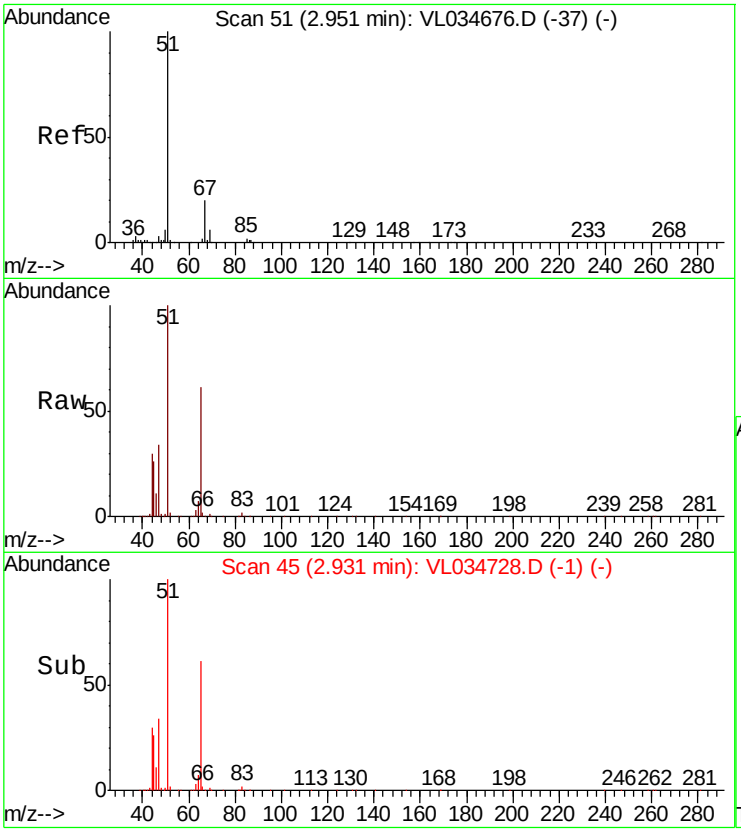


#2
Dichlorodifluoromethane
Concen: 0.518 ppbv
RT: 3.01 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 85 Resp: 89579

Ion	Ratio	Lower	Upper
85	100		
87	32.7	29.2	43.8



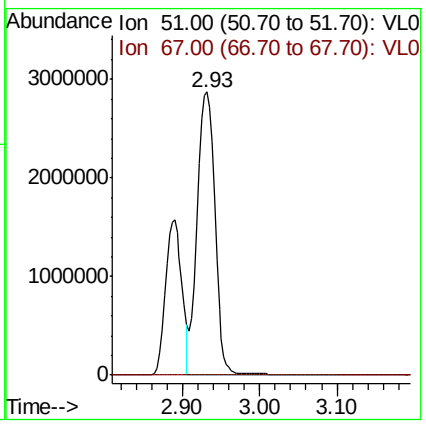


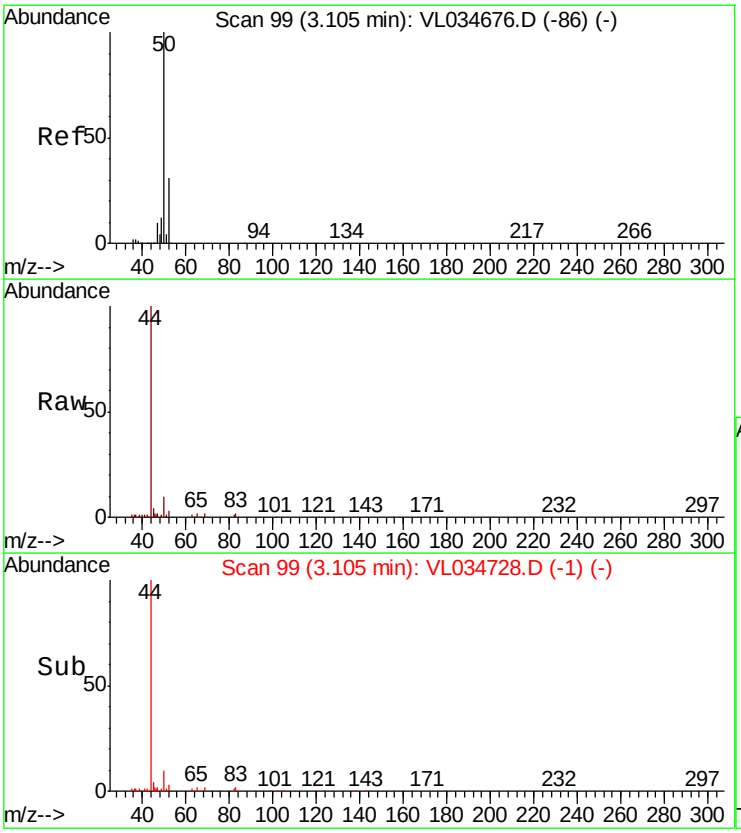
#3
Chlorodifluoromethane
Concen: 38.746 ppbv
RT: 2.93 min Scan# 45
Delta R.T. -0.02 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 4579561

Ion	Ratio	Lower	Upper
51	100		
67	0.3	15.5	23.3#

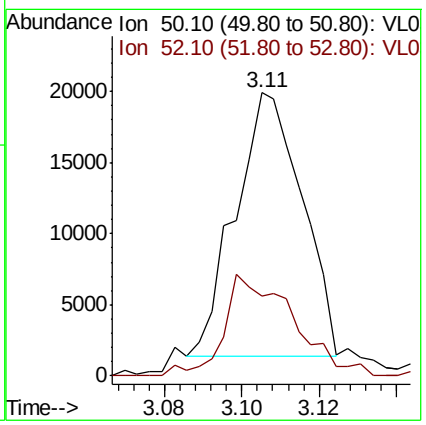


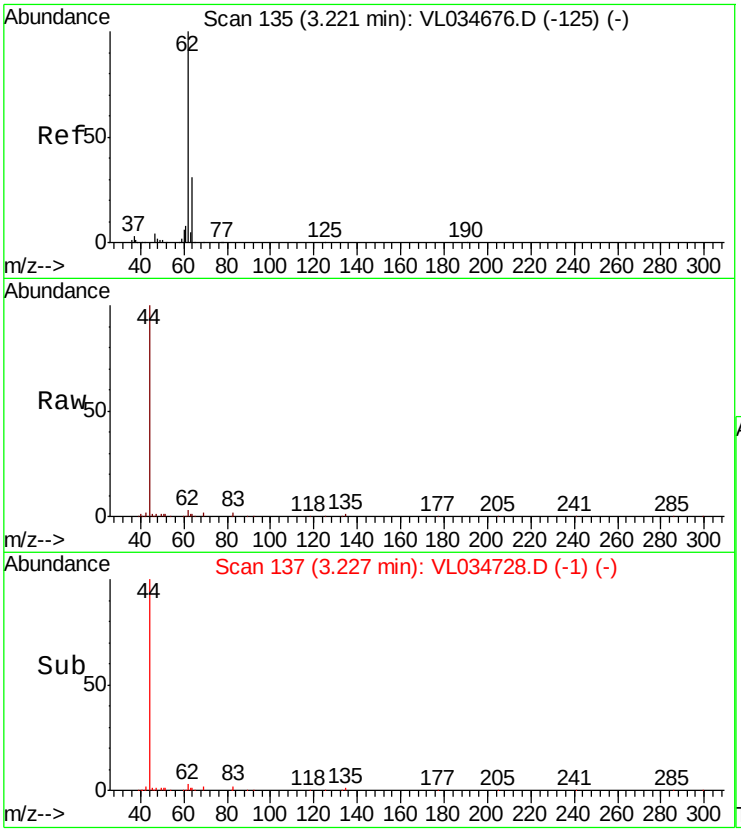


#4
Chloromethane
Concen: 0.335 ppbv
RT: 3.11 min Scan# 99
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 50 Resp: 22141

Ion	Ratio	Lower	Upper
50	100		
52	28.3	25.0	37.4



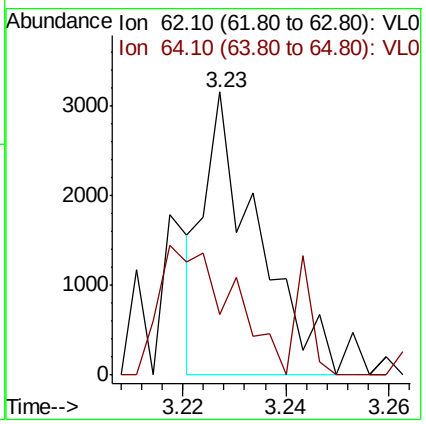


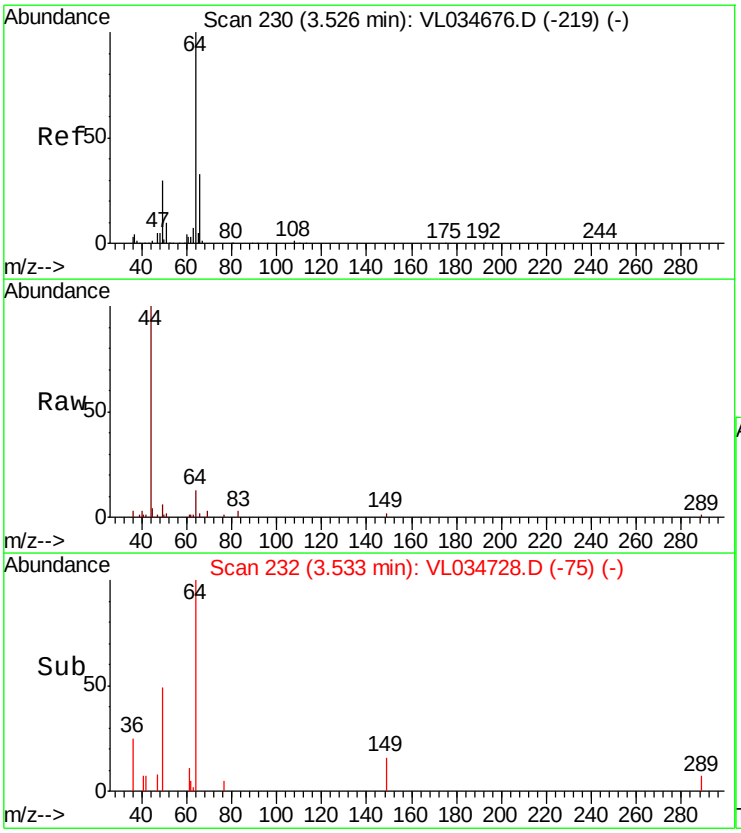
#5
Vinyl Chloride
Concen: 0.035 ppbv
RT: 3.23 min Scan# 137
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 2244

Ion	Ratio	Lower	Upper
62	100		
64	21.3	24.7	37.1#

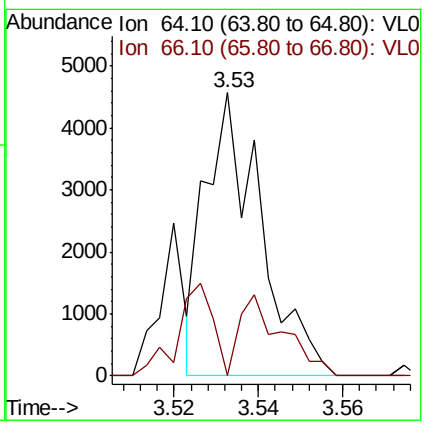


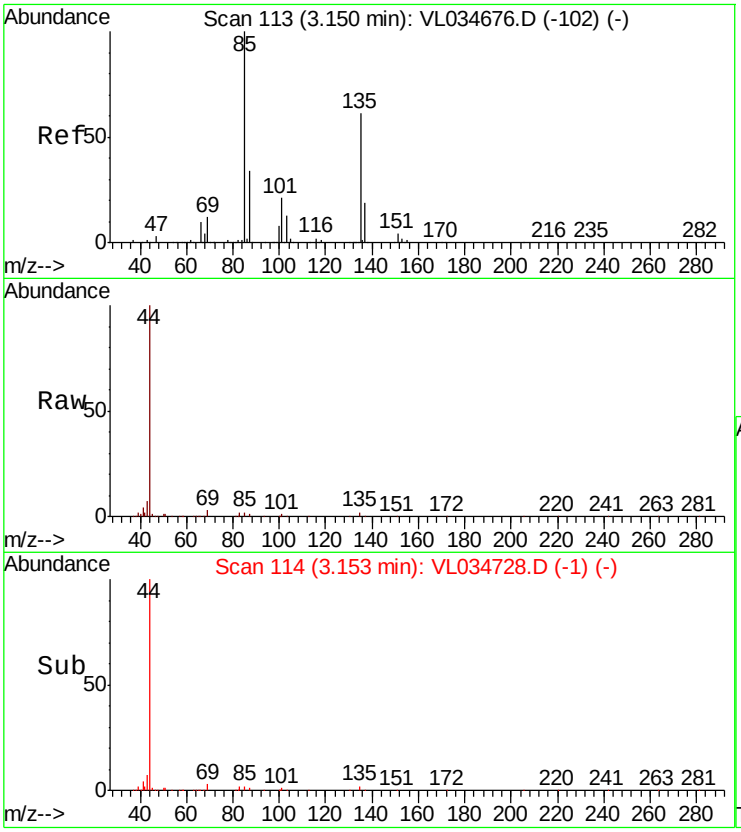


#7
Chloroethane
Concen: 0.172 ppbv
RT: 3.53 min Scan# 232
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 64 Resp: 4147

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.7	40.1#



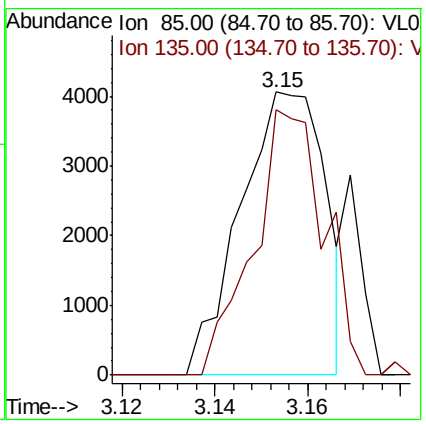


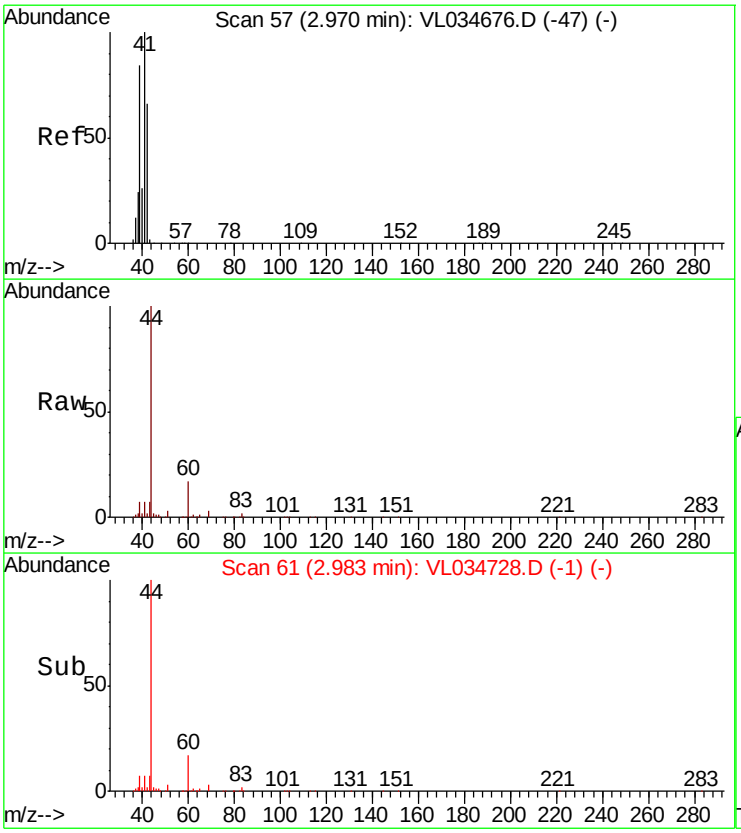
#8
Dichlorotetrafluoroethane
Concen: 0.034 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 5155

Ion	Ratio	Lower	Upper
85	100		
135	79.6	49.8	74.6#

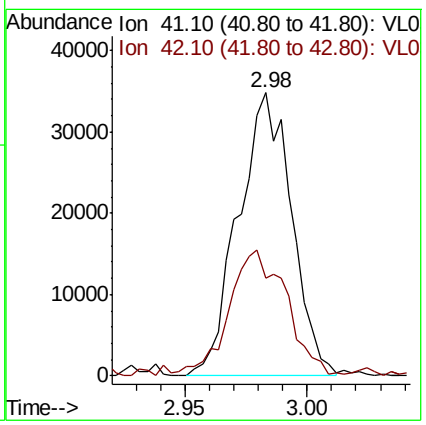


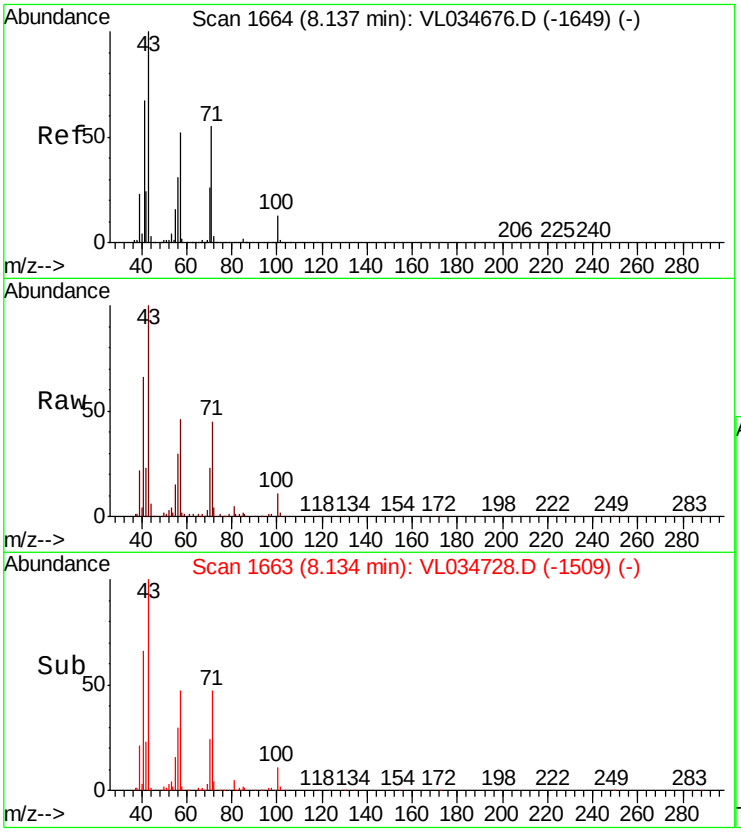


#9
Propene
Concen: 1.067 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 41 Resp: 52727

Ion	Ratio	Lower	Upper
41	100		
42	51.0	54.9	82.3#



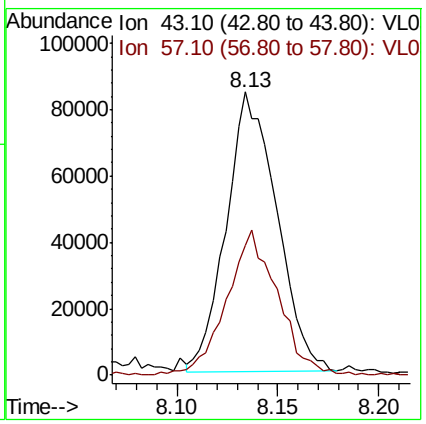


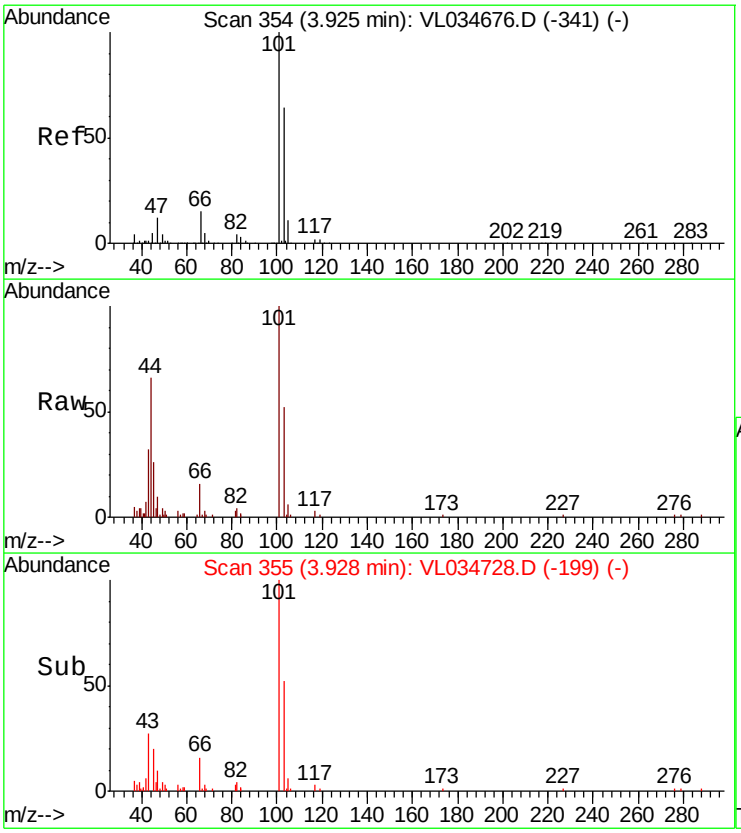
#10
Heptane
Concen: 1.162 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 147790

Ion	Ratio	Lower	Upper
43	100		
57	52.7	41.0	61.6

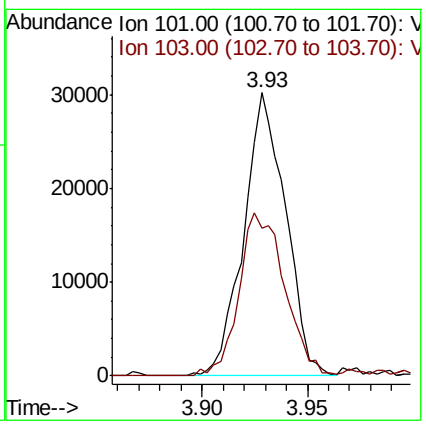


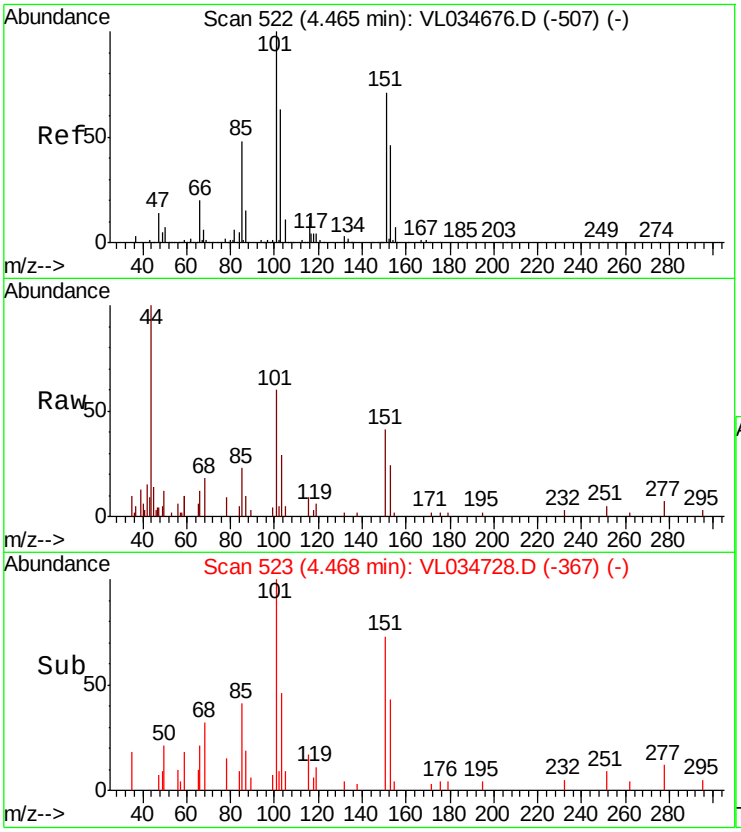


#11
Trichlorofluoromethane
Concen: 0.275 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:101 Resp: 41667

Ion	Ratio	Lower	Upper
101	100		
103	52.2	51.2	76.8



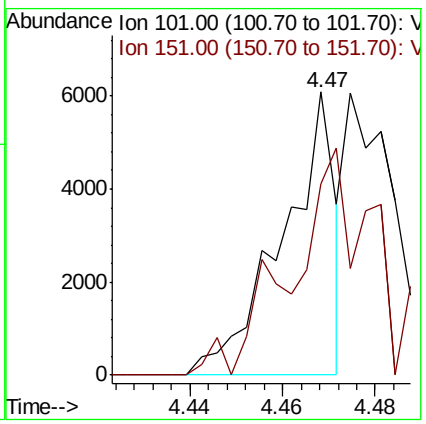


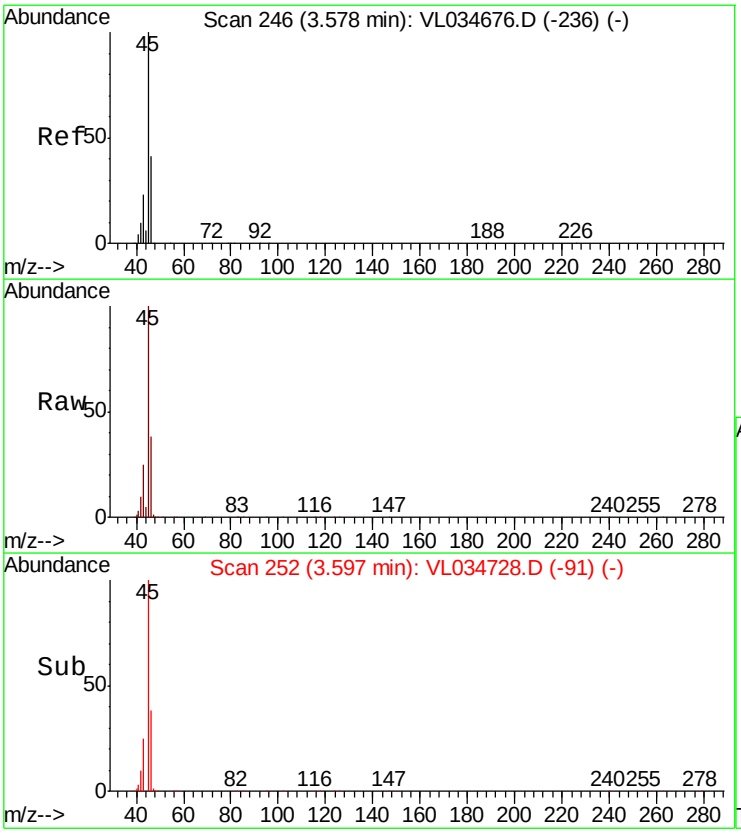
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.045 ppbv
RT: 4.47 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 4780

Ion	Ratio	Lower	Upper
101	100		
151	0.0	55.8	83.6#

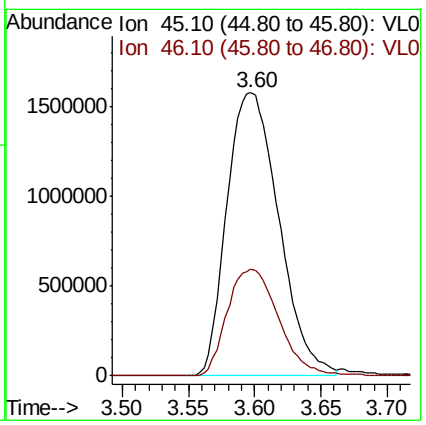


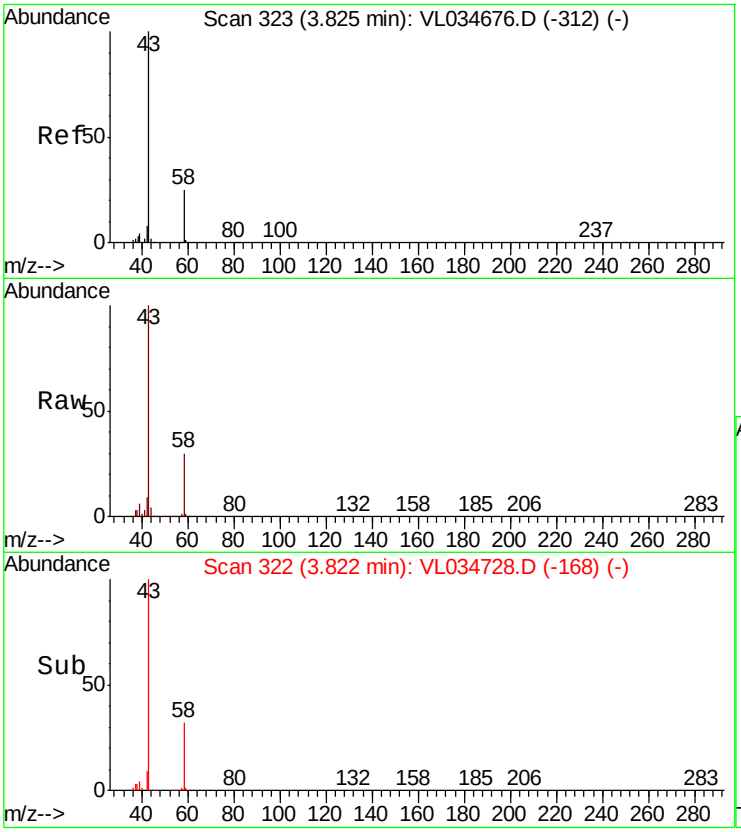


#13
Ethanol
Concen: 275.497 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 45 Resp: 4299865

Ion	Ratio	Lower	Upper
45	100		
46	37.6	15.4	61.4



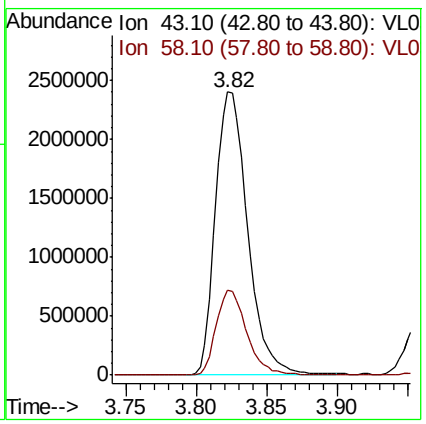


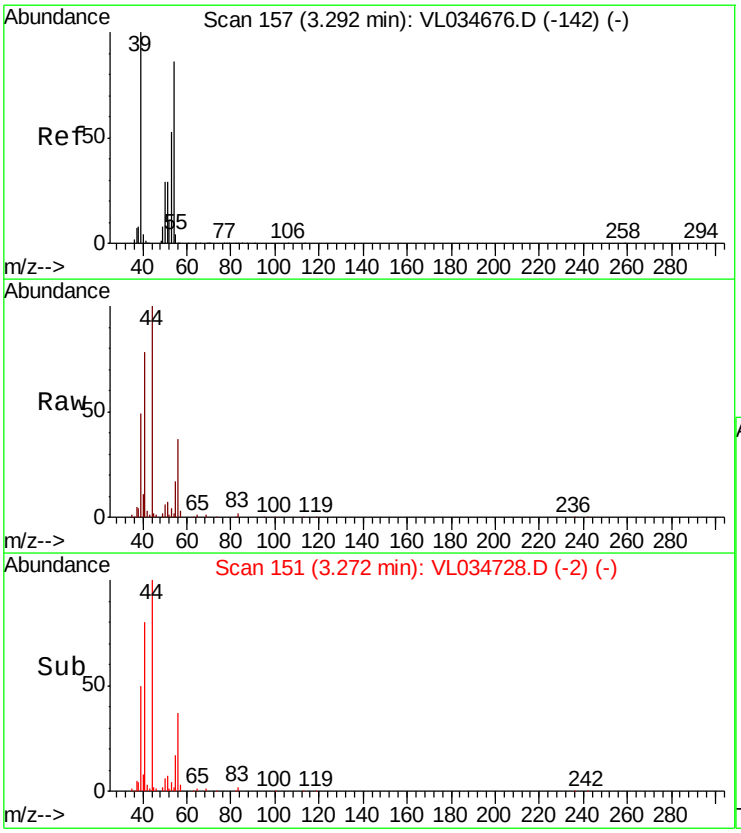
#15
Acetone
Concen: 30.658 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3826106

Ion	Ratio	Lower	Upper
43	100		
58	28.5	21.4	32.0

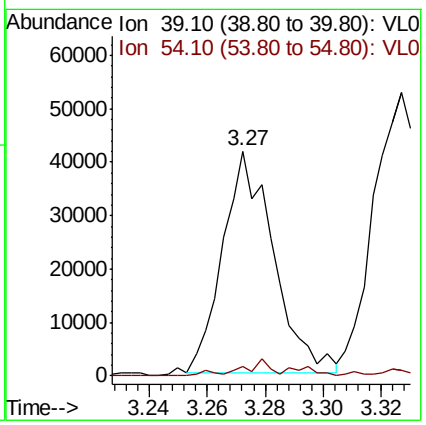


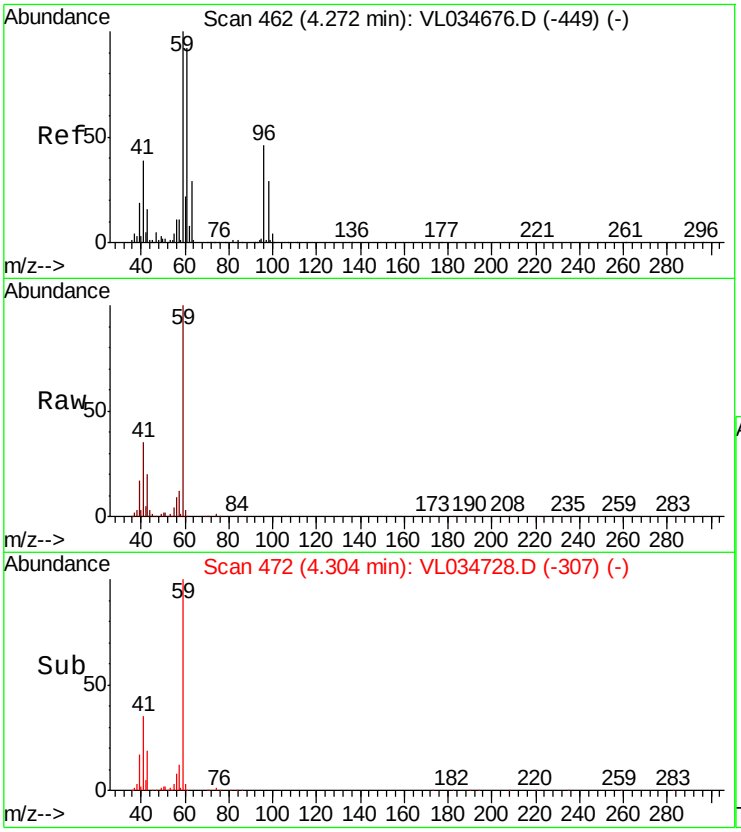


#16
1,3-Butadiene
Concen: 0.878 ppbv
RT: 3.27 min Scan# 151
Delta R.T. -0.02 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 39 Resp: 50707

Ion	Ratio	Lower	Upper
39	100		
54	6.8	67.0	100.6#



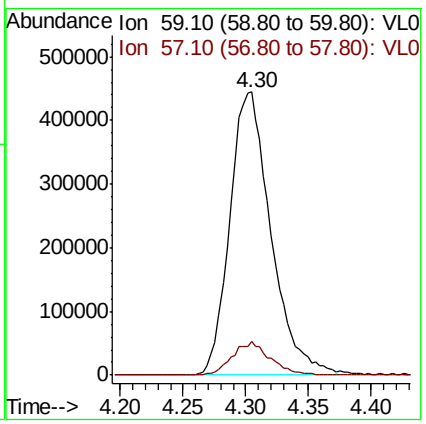


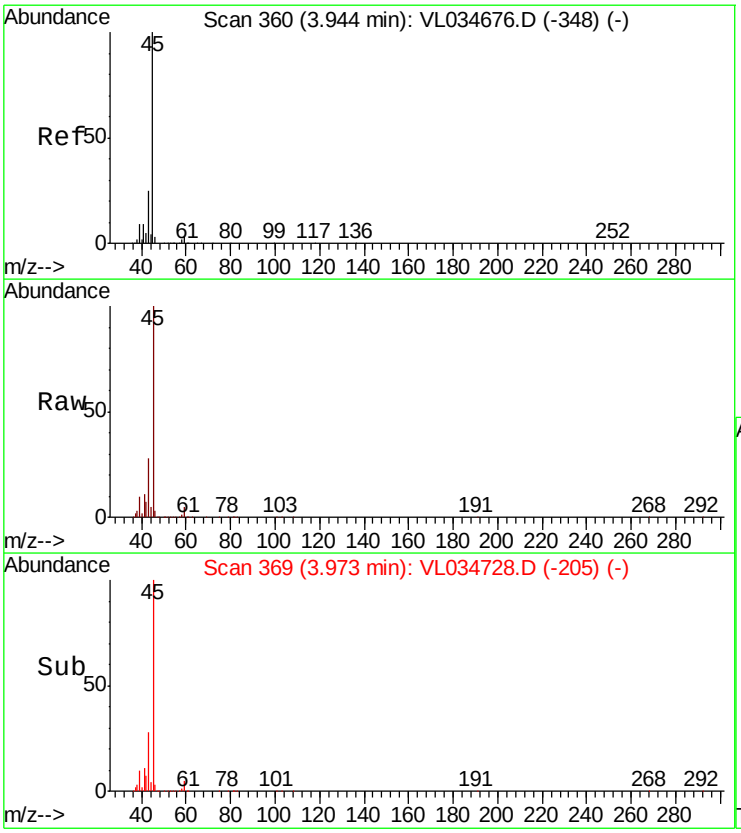
#17
tert-Butyl alcohol
Concen: 10.584 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.03 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 1012146

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.8	13.2

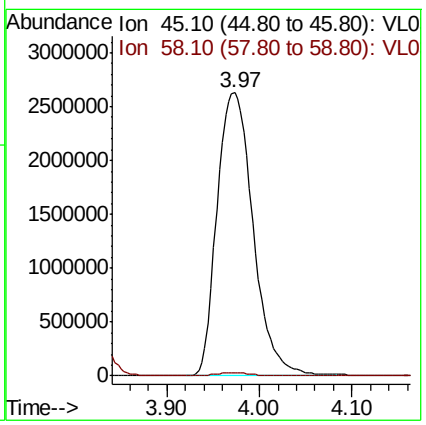


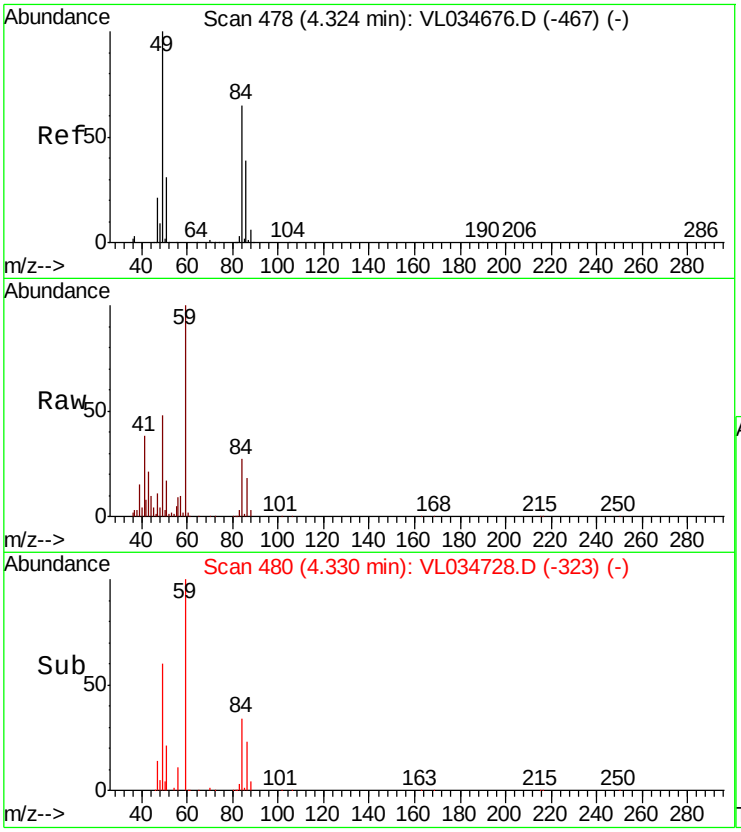


#19
Isopropyl Alcohol
Concen: 95.521 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.03 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 45 Resp: 7100657

Ion	Ratio	Lower	Upper
45	100		
58	1.2	1.8	2.6#



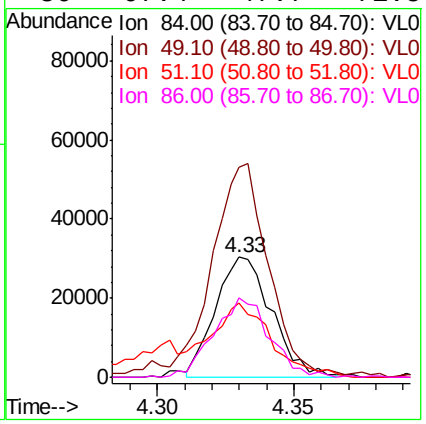


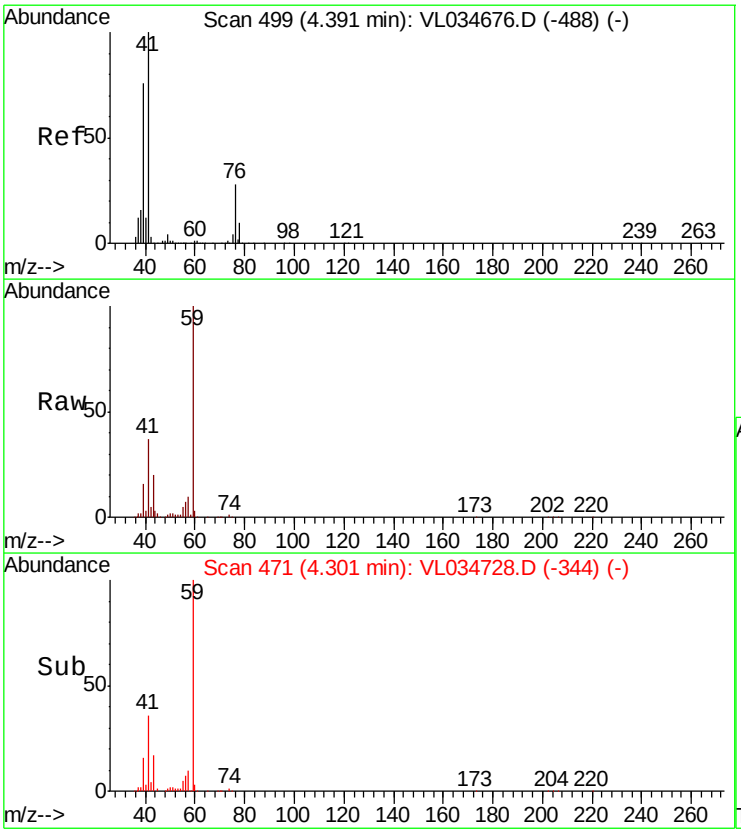
#20
Methylene Chloride
Concen: 0.934 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 43330

Ion	Ratio	Lower	Upper
84	100		
49	172.6	122.8	184.2
51	59.4	38.6	58.0#
86	67.4	47.7	71.5

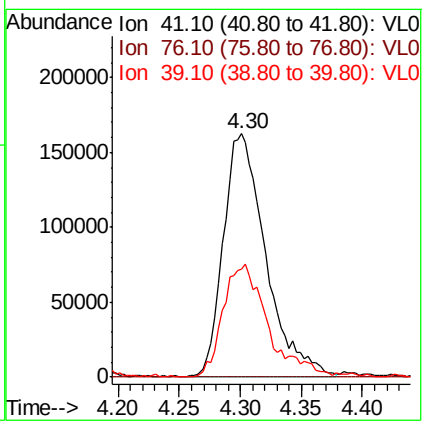


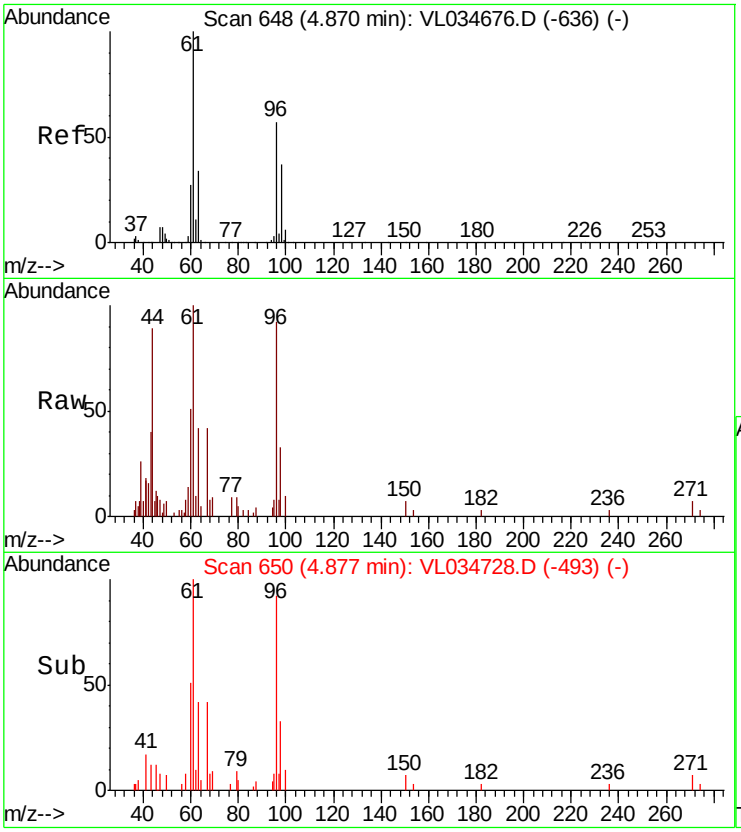


#21
Allyl Chloride
Concen: 4.737 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.09 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 41 Resp: 391117

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	49.4	61.7	92.5#



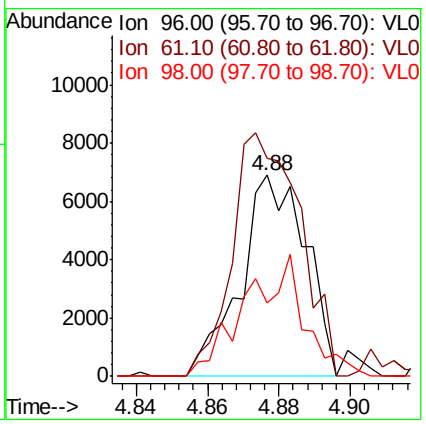


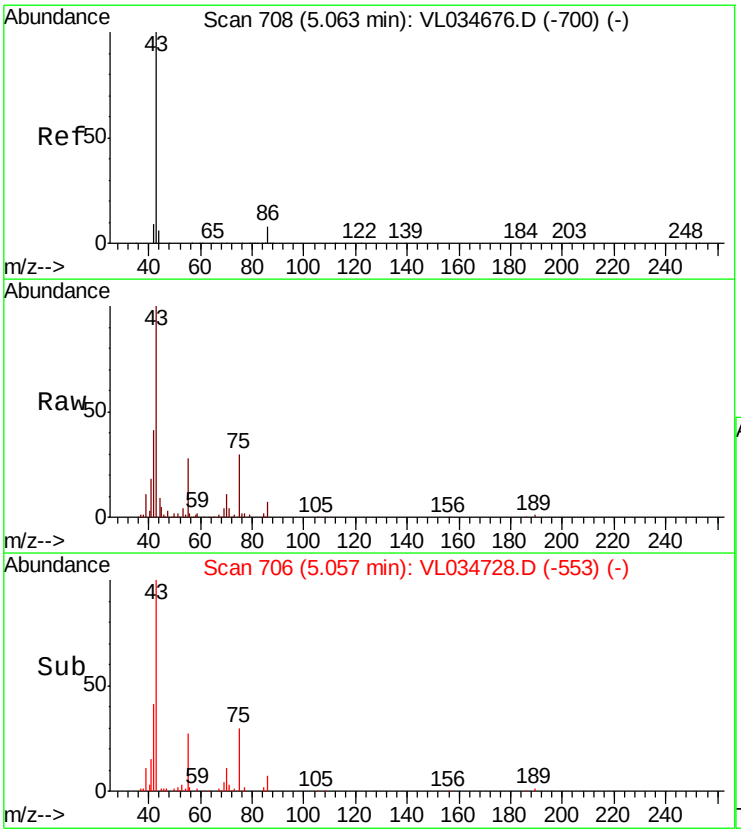
#22
trans-1,2-Dichloroethene
Concen: 0.187 ppbv
RT: 4.88 min Scan# 650
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 8746

Ion	Ratio	Lower	Upper
96	100		
61	108.9	139.4	209.0#
98	36.3	51.3	76.9#

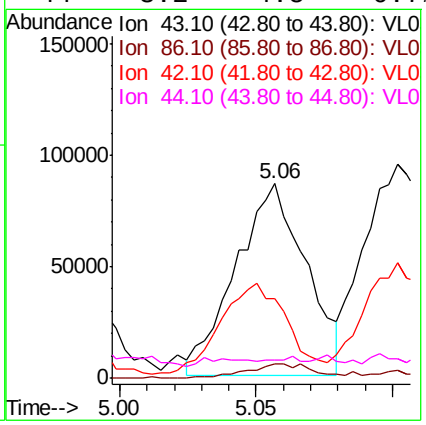


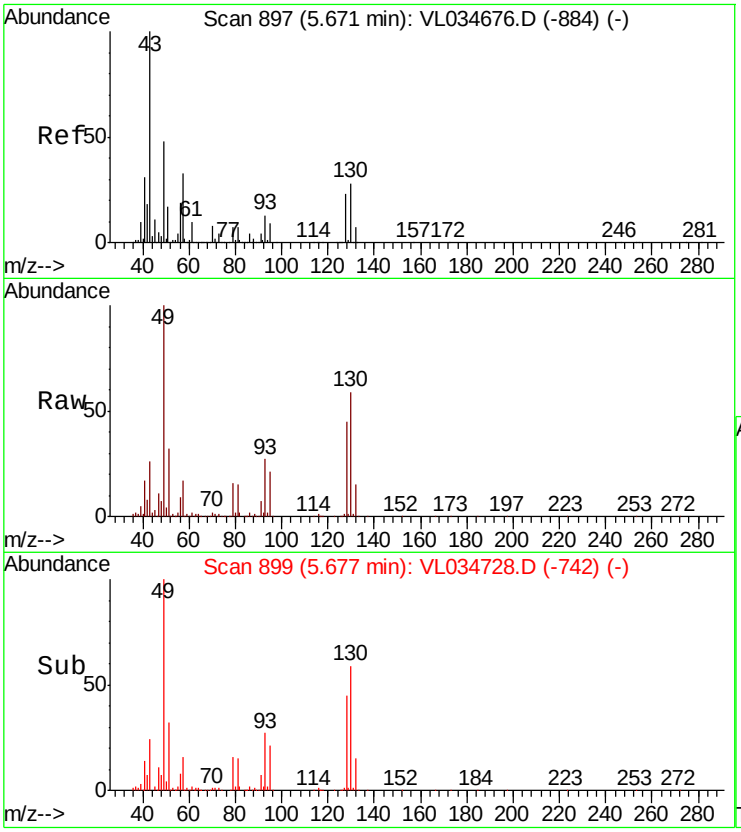


#23
Vinyl Acetate
Concen: 0.912 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 43 Resp: 154709

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.0	9.0
42	36.2	8.0	12.0#
44	3.2	4.5	6.7#



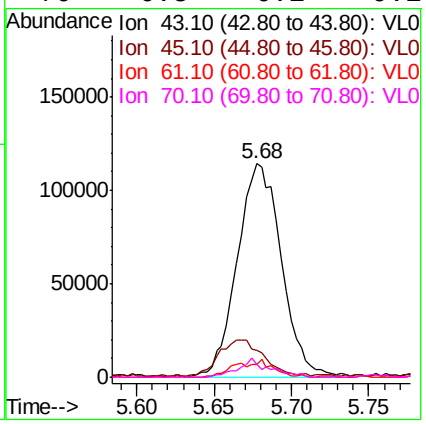


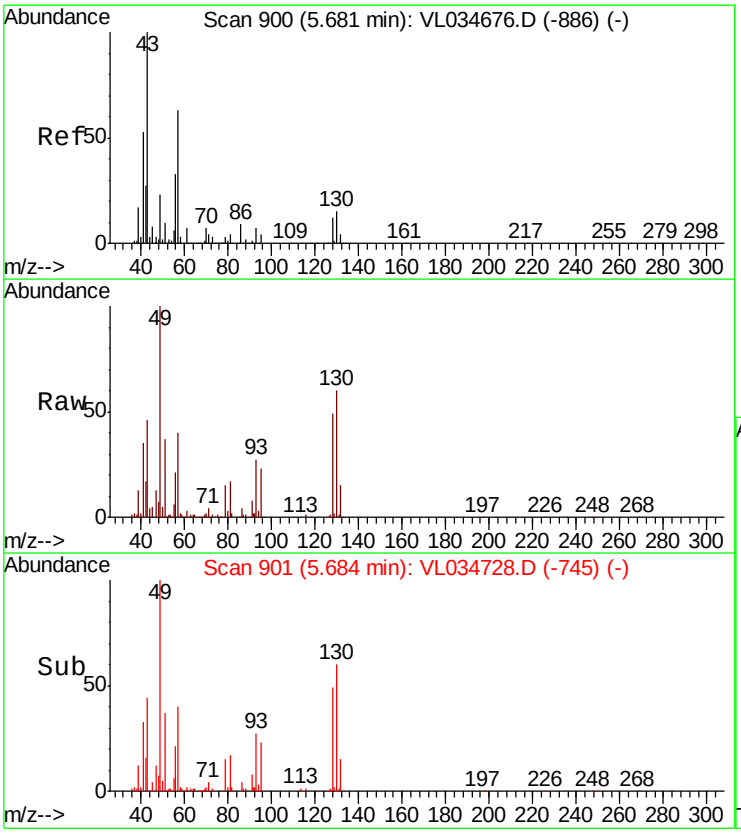
#25
Ethyl Acetate
Concen: 1.020 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 225336

Ion	Ratio	Lower	Upper
43	100		
45	18.2	8.2	12.4#
61	7.2	7.8	11.6#
70	6.3	6.1	9.1

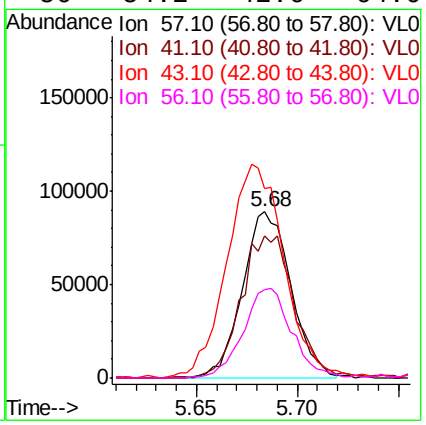


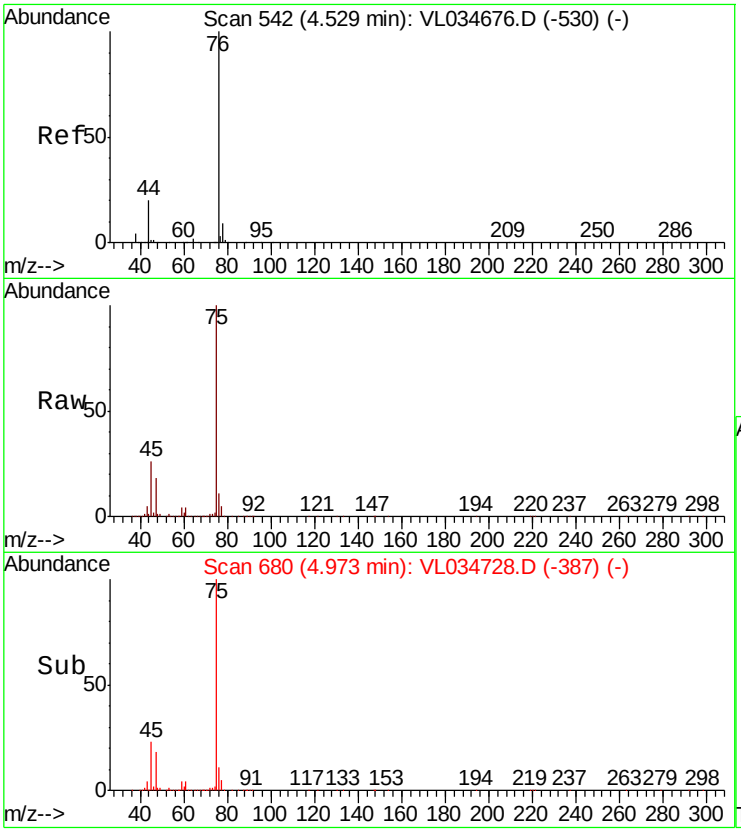


#26
Hexane
Concen: 1.471 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 57 Resp: 149789

Ion	Ratio	Lower	Upper
57	100		
41	94.5	70.3	105.5
43	153.2	177.0	265.4#
56	54.2	42.6	64.0



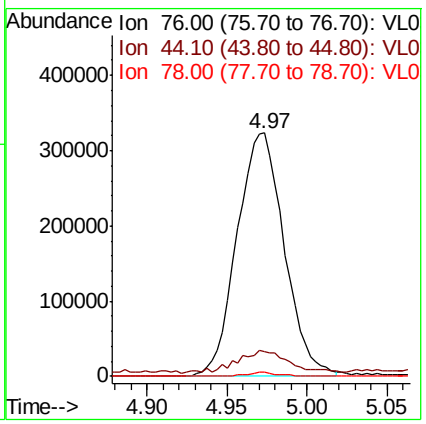


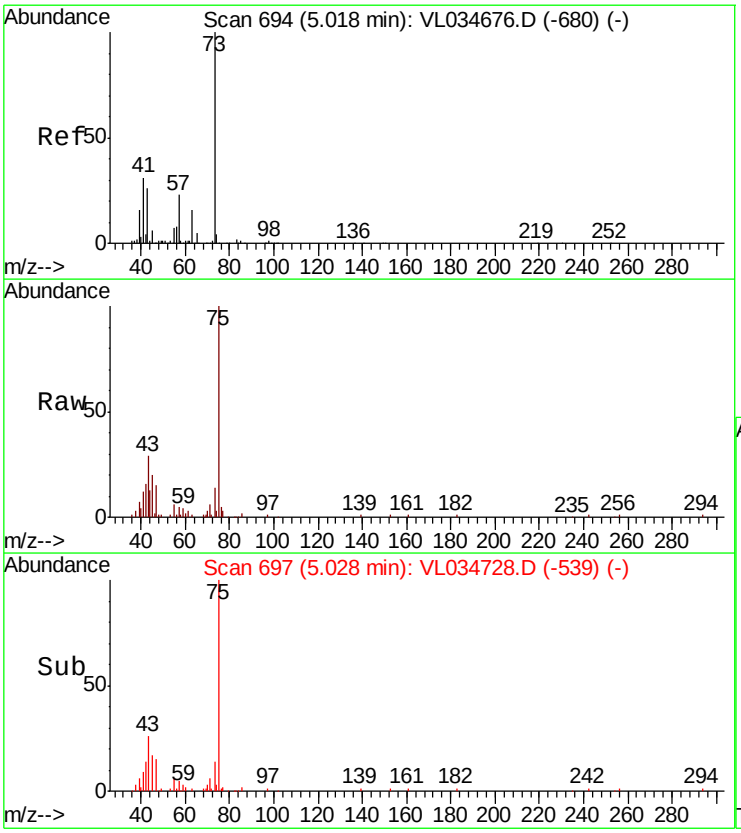
#27
Carbon Disulfide
Concen: 5.644 ppbv
RT: 4.97 min Scan# 680
Delta R.T. 0.44 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 652369

Ion	Ratio	Lower	Upper
76	100		
44	0.7	15.3	22.9#
78	0.0	7.6	11.4#

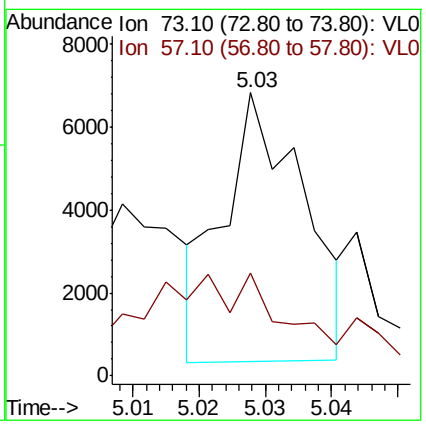


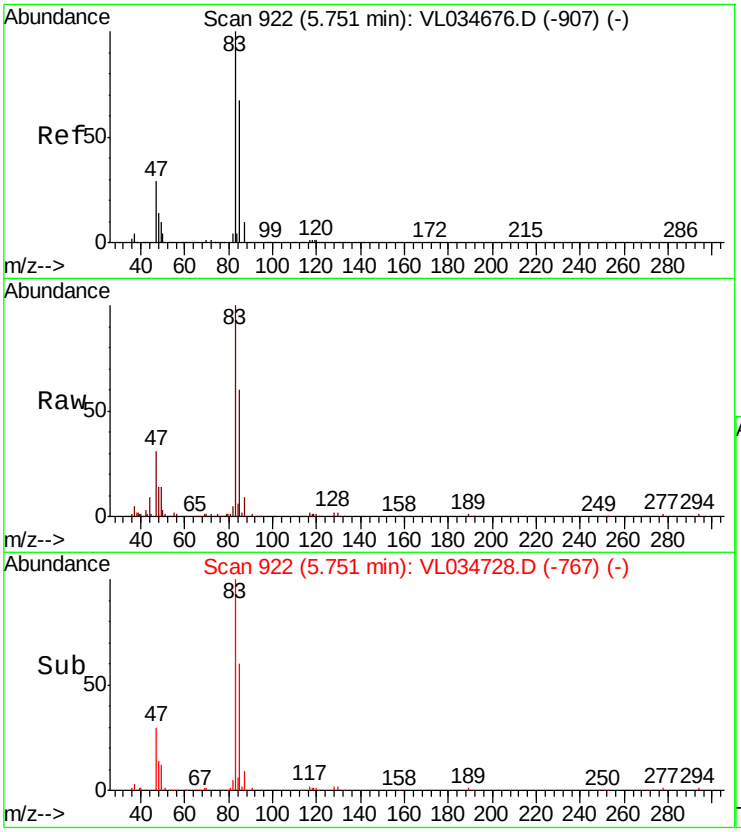


#28
Methyl tert-Butyl Ether
Concen: 0.038 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 73 Resp: 5455

Ion	Ratio	Lower	Upper
73	100		
57	65.7	18.6	28.0#



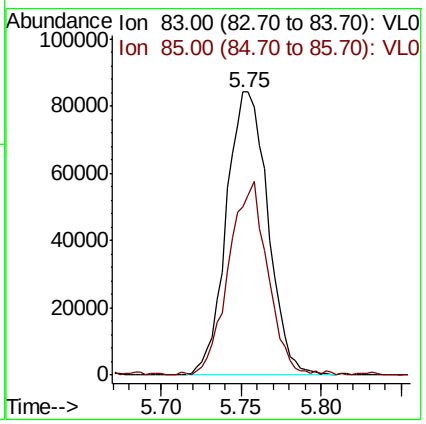


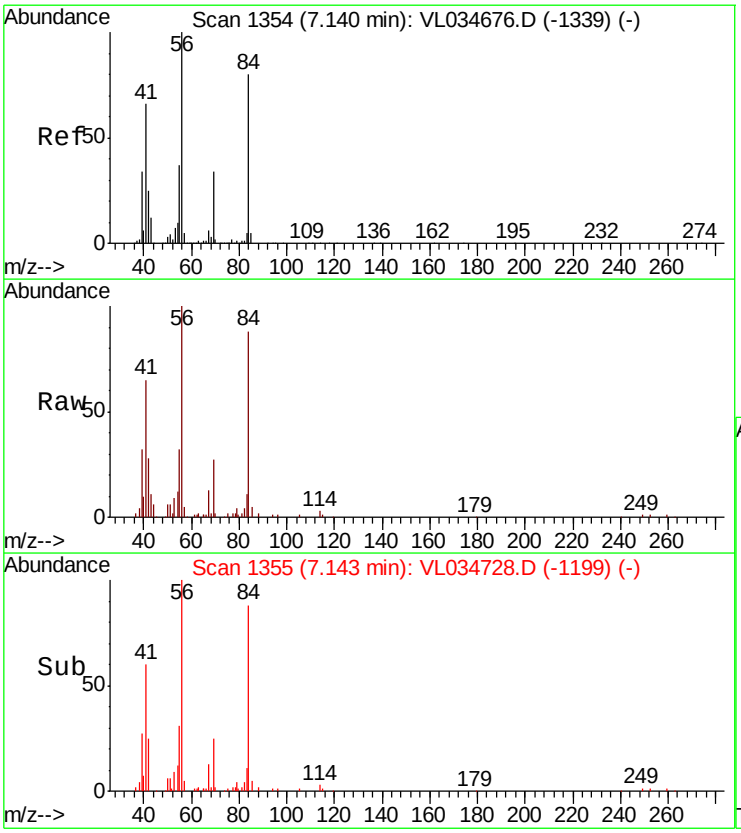
#29
Chloroform
Concen: 0.916 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 148522

Ion	Ratio	Lower	Upper
83	100		
85	59.5	53.9	80.9

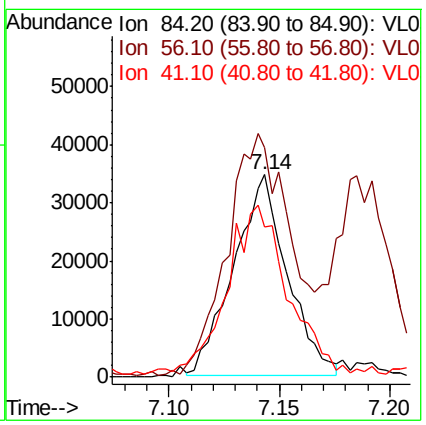


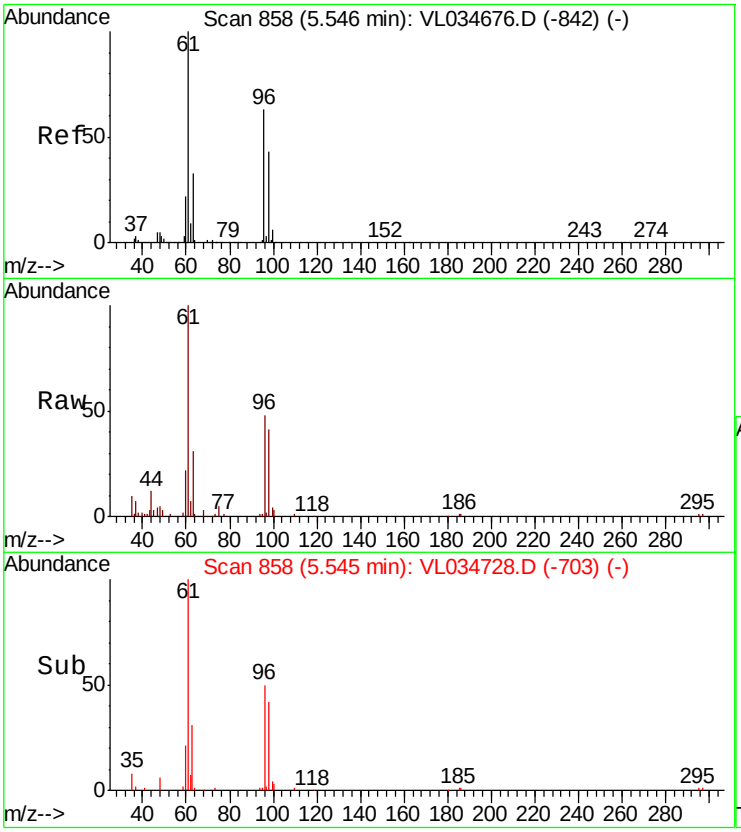


#30
Cyclohexane
Concen: 0.741 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 84 Resp: 58455

Ion	Ratio	Lower	Upper
84	100		
56	142.7	113.4	170.2
41	97.6	68.2	102.4



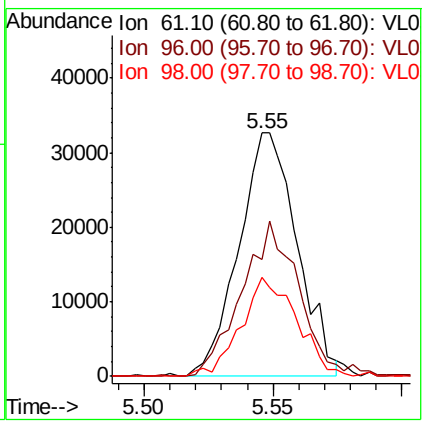


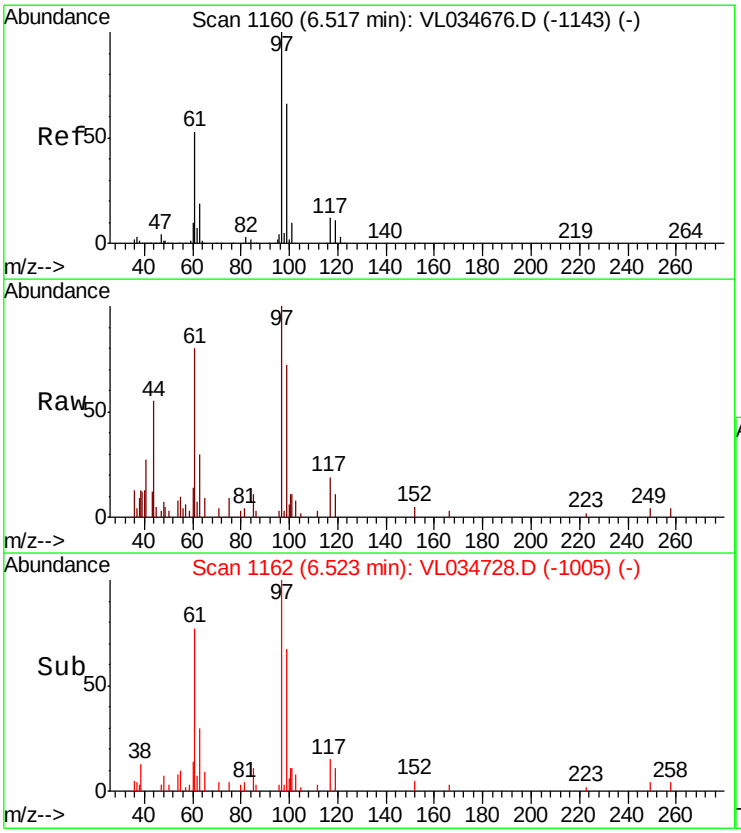
#31
cis-1,2-Dichloroethene
Concen: 0.516 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 51687

Ion	Ratio	Lower	Upper
61	100		
96	48.0	50.2	75.2#
98	40.8	34.3	51.5

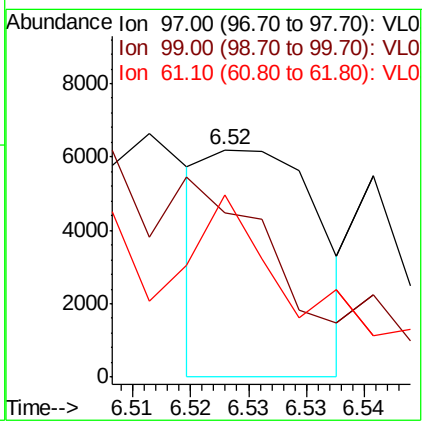


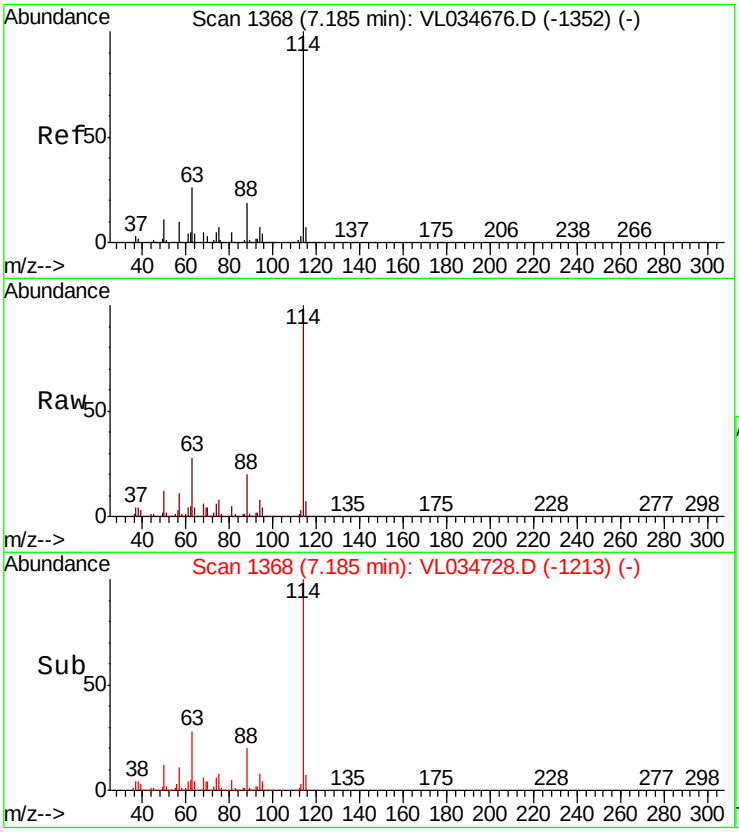


#32
1,1,1-Trichloroethane
Concen: 0.027 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 97 Resp: 4099

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	179.0	42.8	64.2#



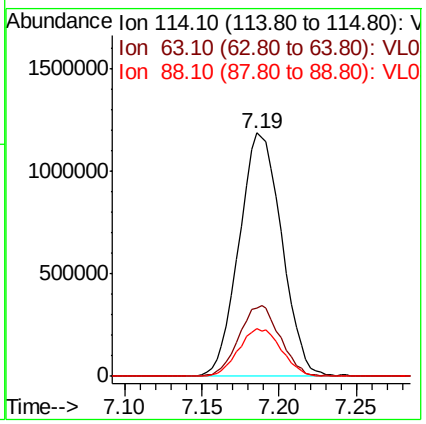


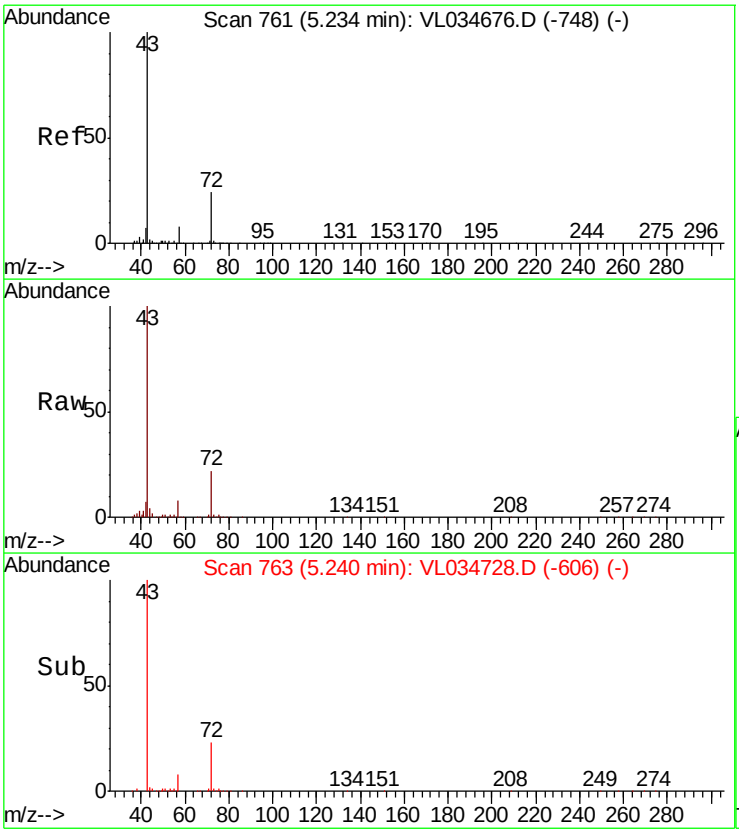
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2280679

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.9	34.3
88	19.6	15.8	23.6

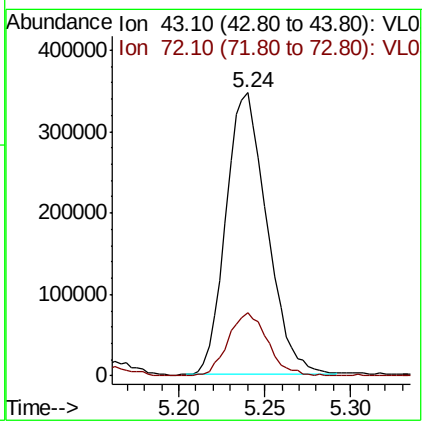


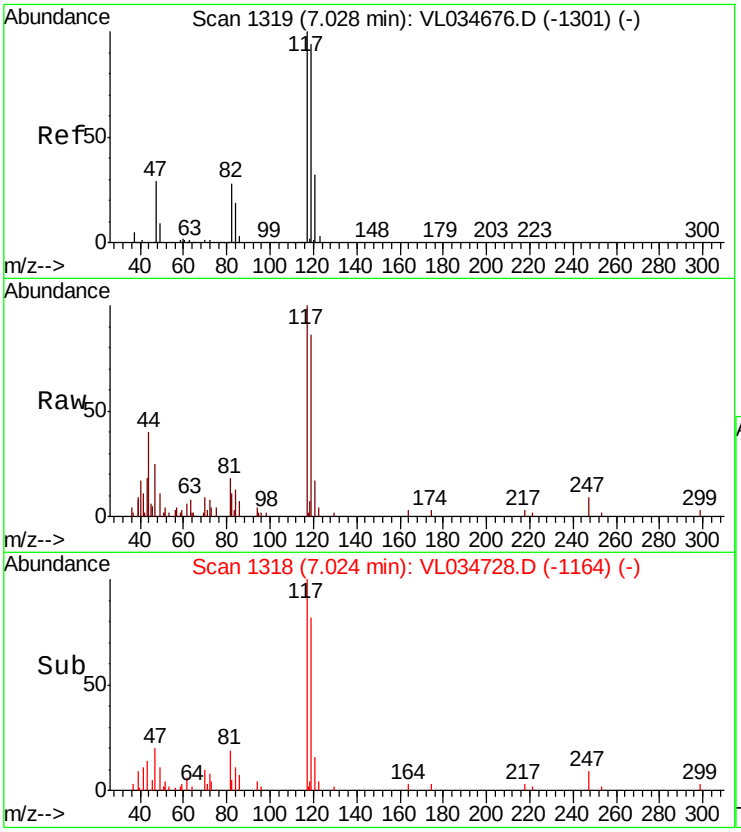


#34
2-Butanone
Concen: 4.002 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 43 Resp: 574455

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.2	27.2



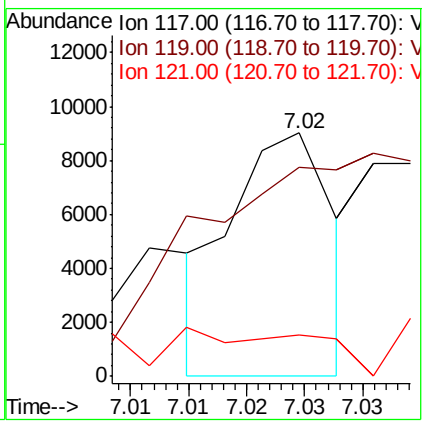


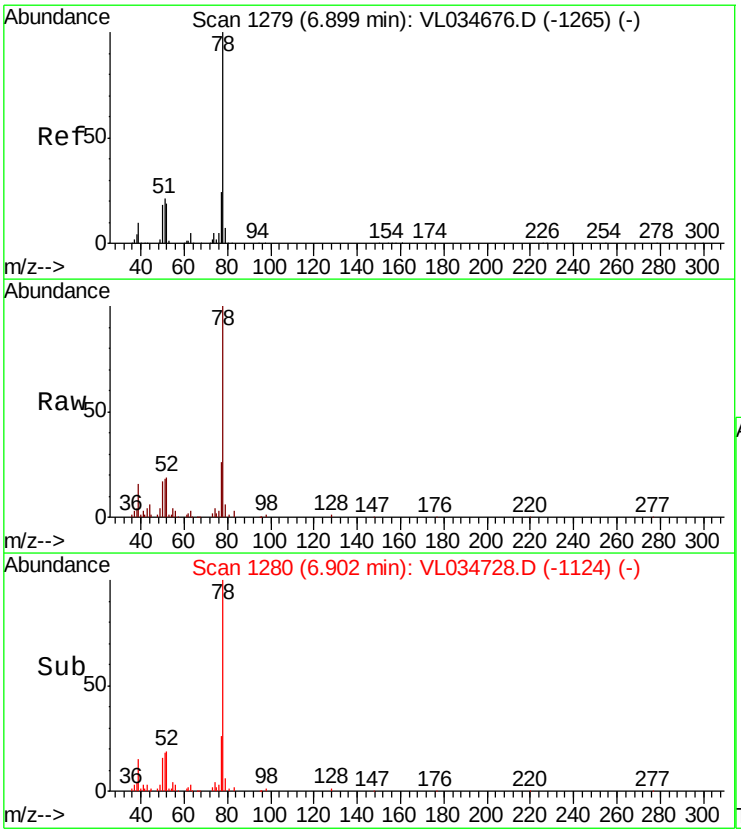
#35
Carbon Tetrachloride
Concen: 0.036 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 5473

Ion	Ratio	Lower	Upper
117	100		
119	39.6	75.5	113.3#
121	3.4	25.4	38.0#

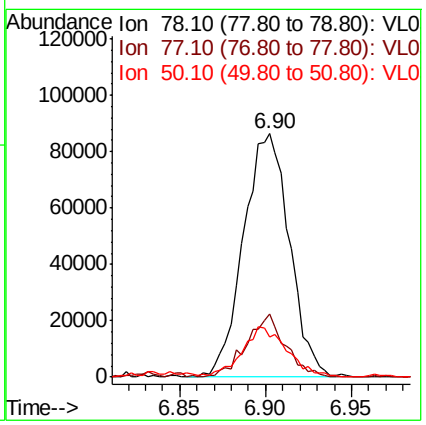


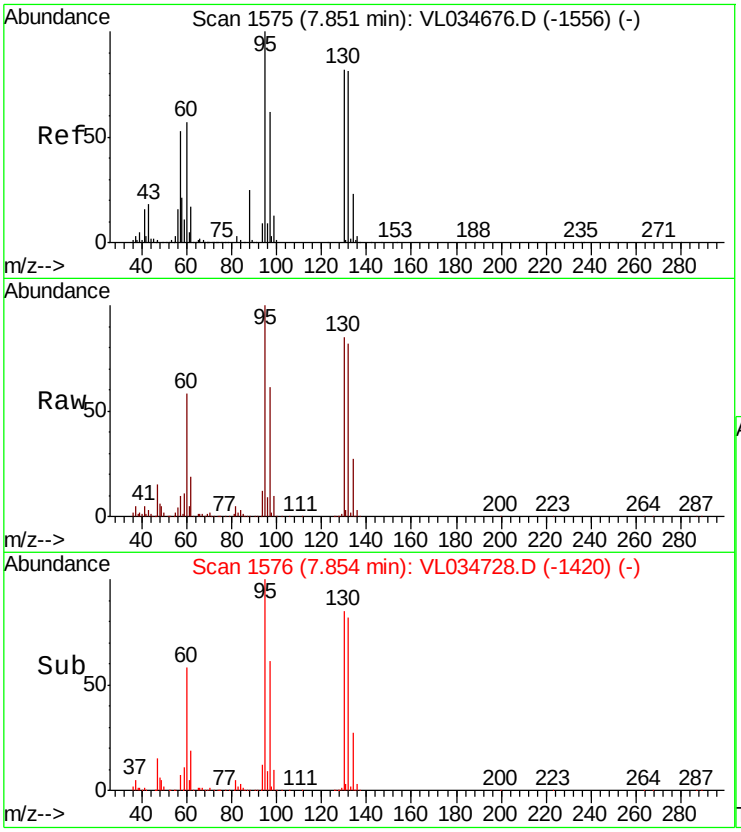


#36
Benzene
Concen: 0.812 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 78 Resp: 159854

Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.5	29.3
50	15.9	14.6	21.8



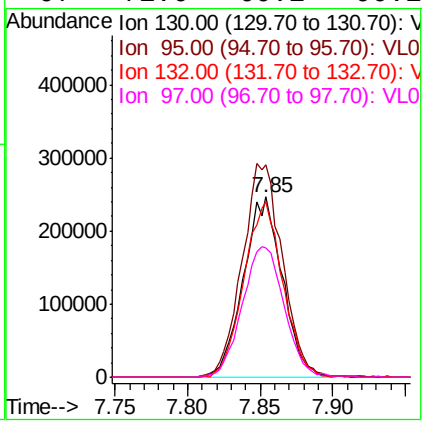


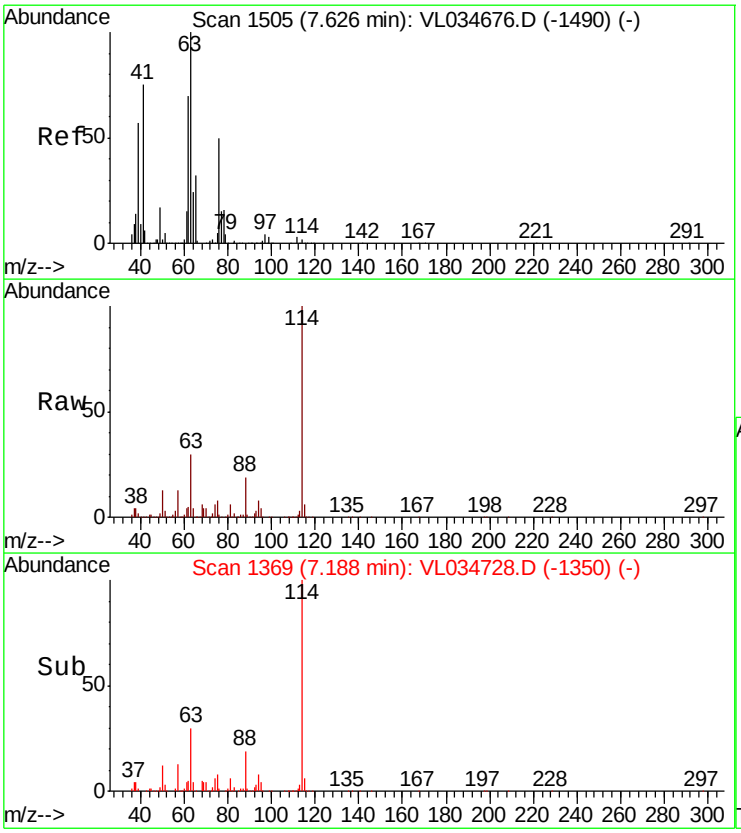
#38
Trichloroethene
Concen: 6.073 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 461116

Ion	Ratio	Lower	Upper
130	100		
95	118.0	97.1	145.7
132	97.3	78.3	117.5
97	71.6	60.1	90.1

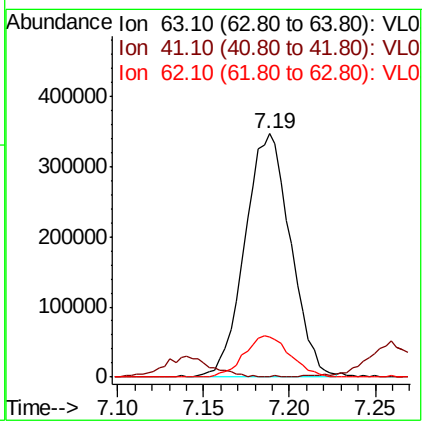


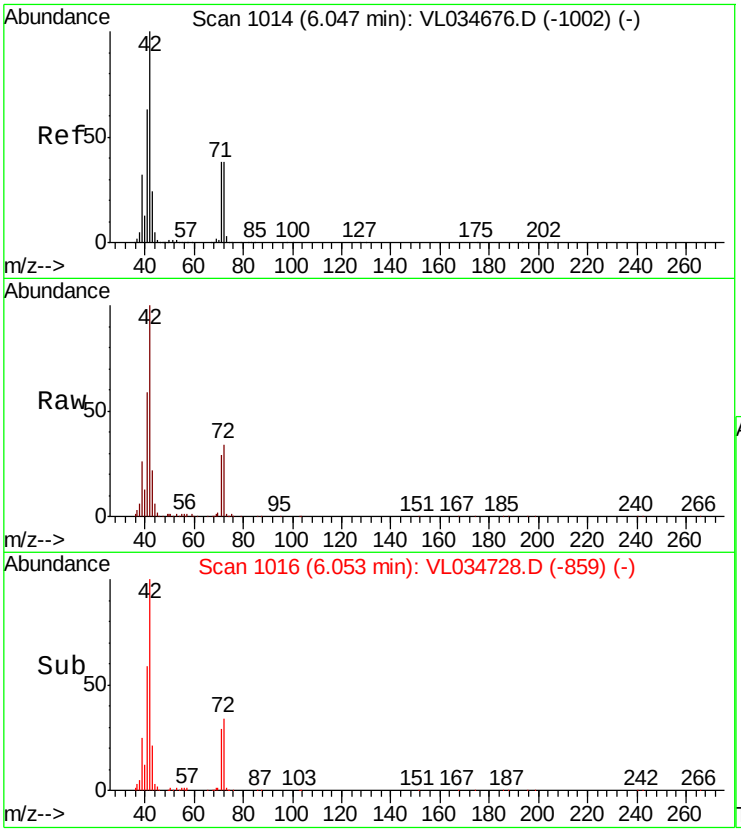


#39
1,2-Dichloropropane
Concen: 8.112 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.44 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 63 Resp: 635761

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.2	90.4#
62	16.4	56.3	84.5#



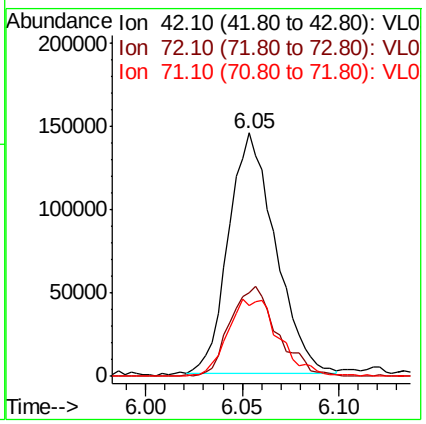


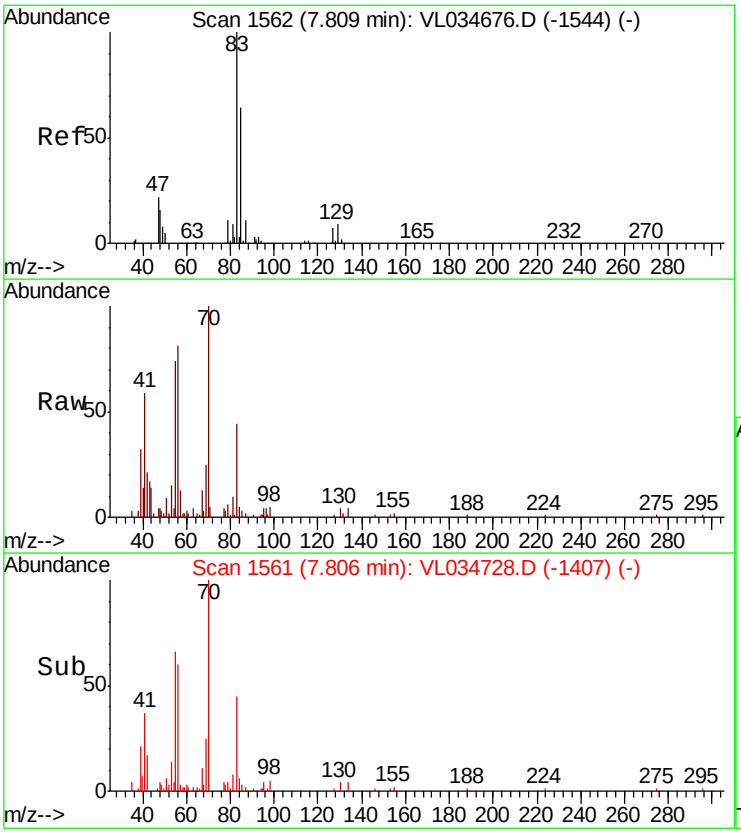
#41
Tetrahydrofuran
Concen: 3.199 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 242377

Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.7	47.5
71	35.3	30.7	46.1

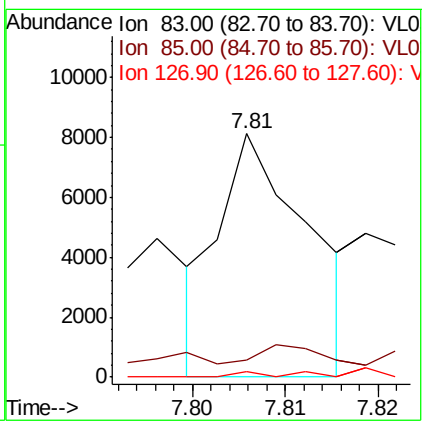


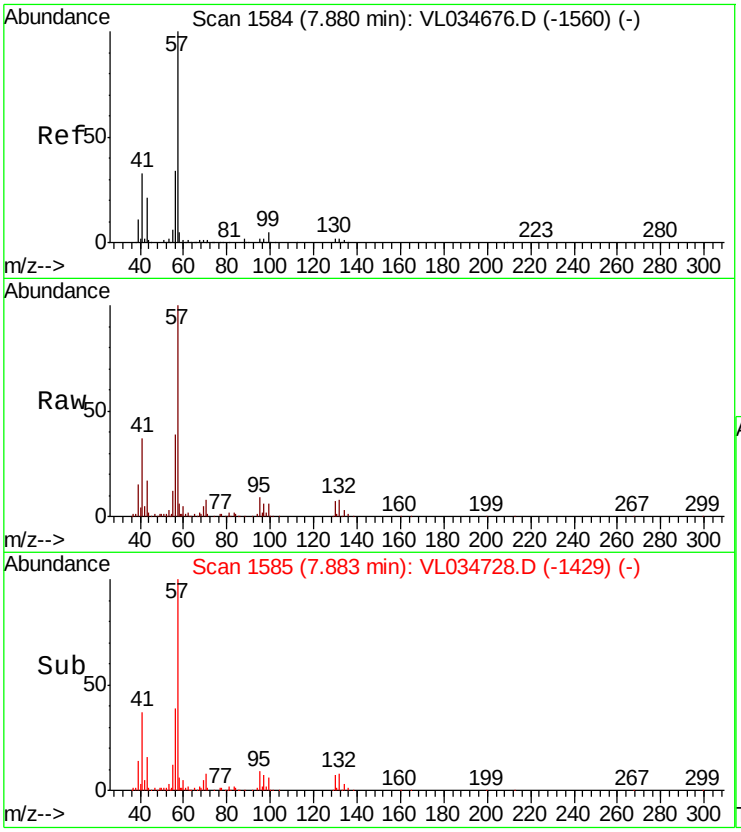


#42
Bromodichloromethane
Concen: 0.033 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 83 Resp: 5433

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#
127	3.8	5.8	8.8#



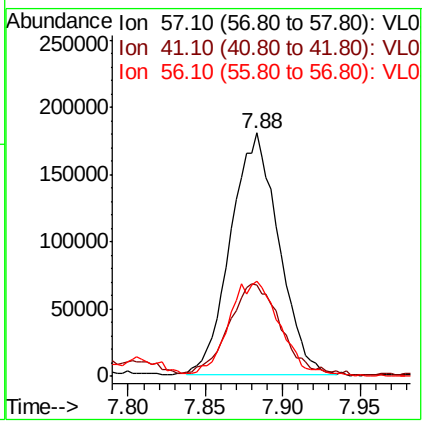


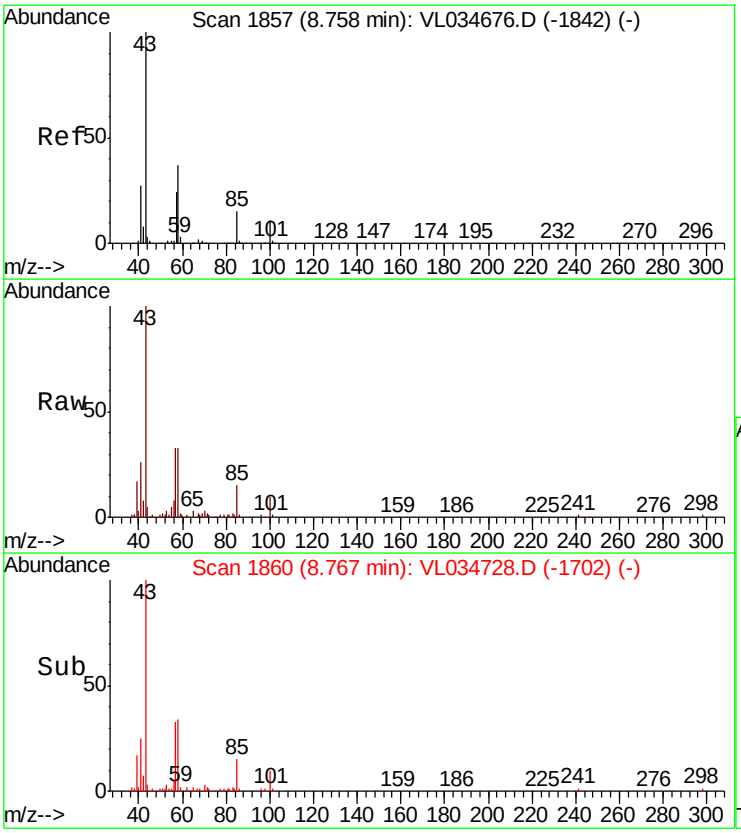
#44
2,2,4-Trimethylpentane
Concen: 1.129 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 388558

Ion	Ratio	Lower	Upper
57	100		
41	42.6	26.0	39.0#
56	42.0	25.6	38.4#

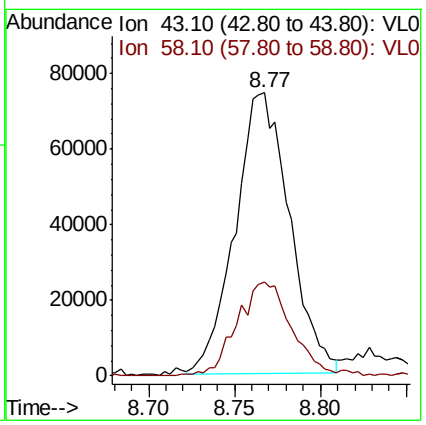


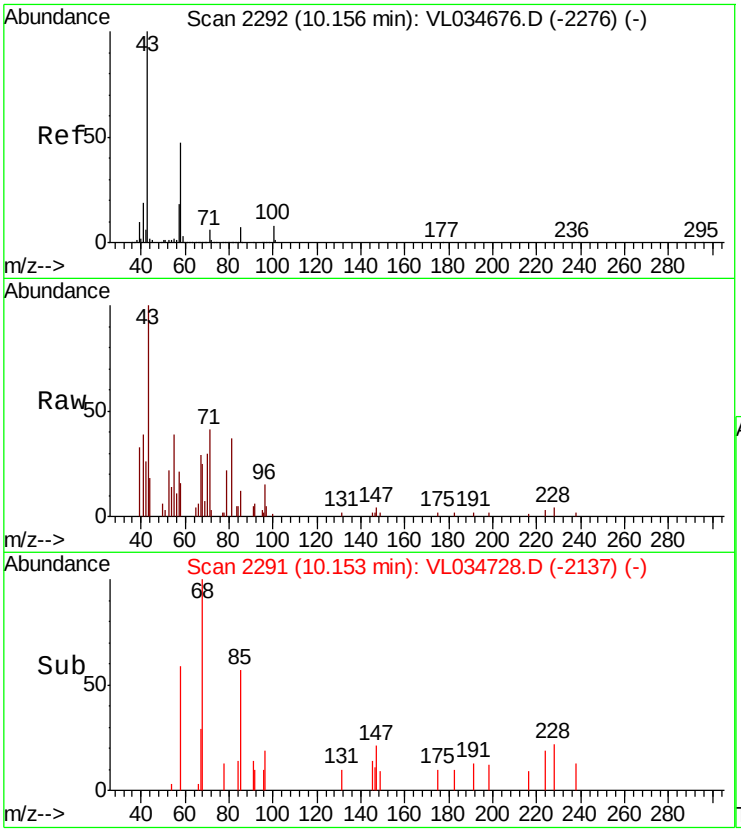


#50
4-Methyl-2-Pentanone
Concen: 0.807 ppbv
RT: 8.77 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 43 Resp: 164114

Ion	Ratio	Lower	Upper
43	100		
58	34.1	29.0	43.6



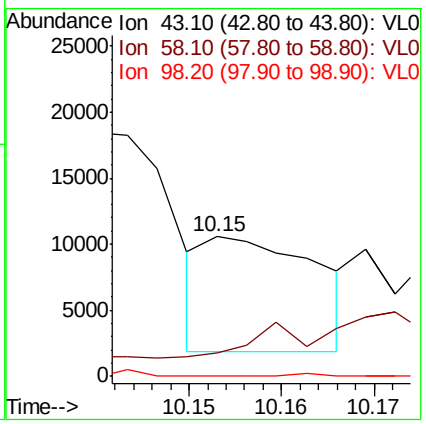


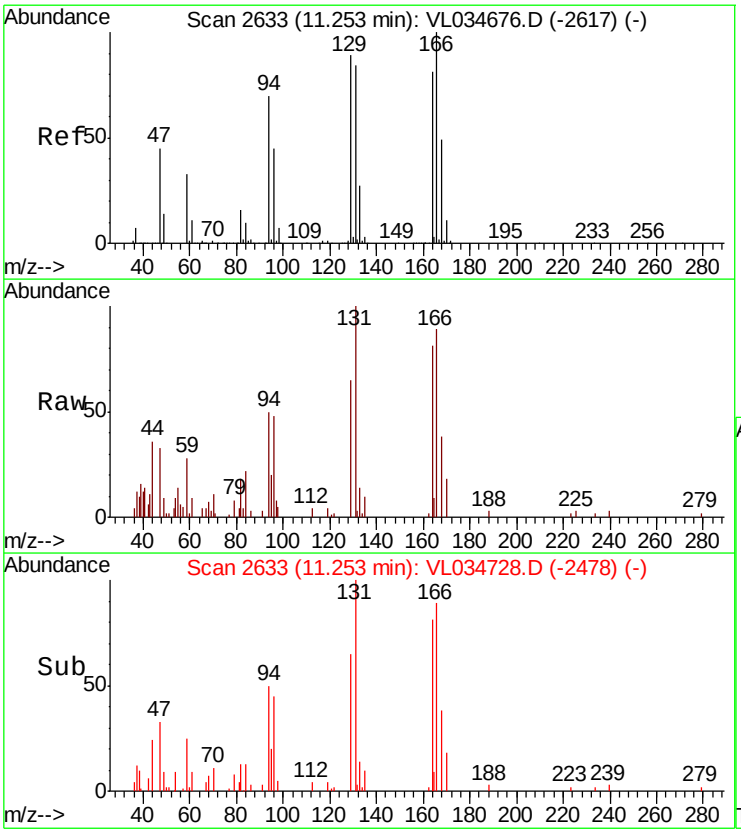
#51
2-Hexanone
Concen: 0.046 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 7288

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.4	59.0#
98	0.0	0.2	0.2#

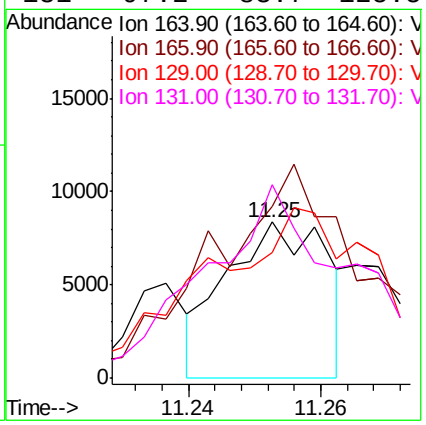


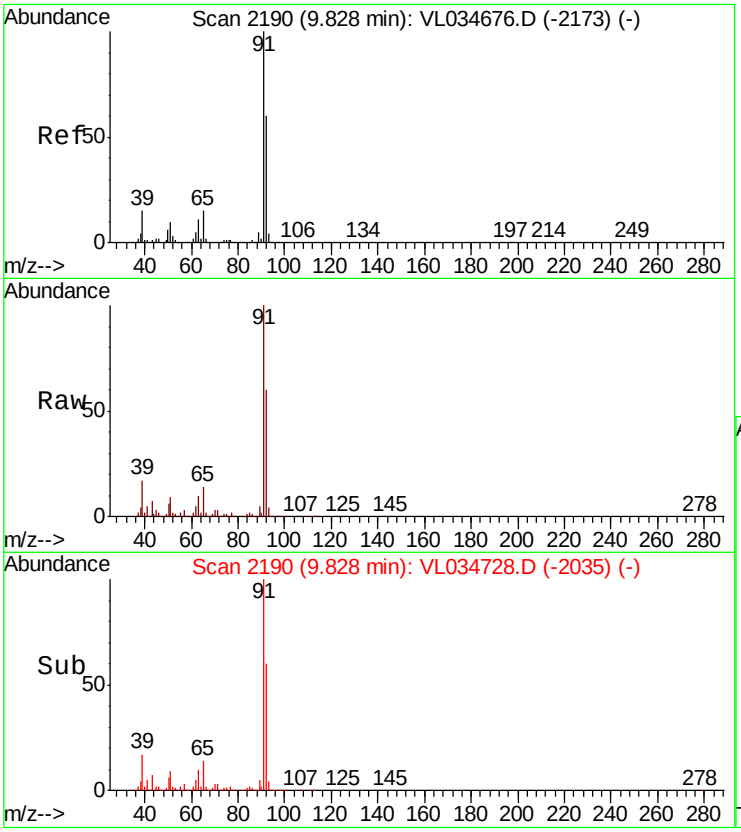


#52
Tetrachloroethene
Concen: 0.122 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:164 Resp: 8782

Ion	Ratio	Lower	Upper
164	100		
166	76.6	99.2	148.8#
129	25.8	88.0	132.0#
131	97.2	83.7	125.5



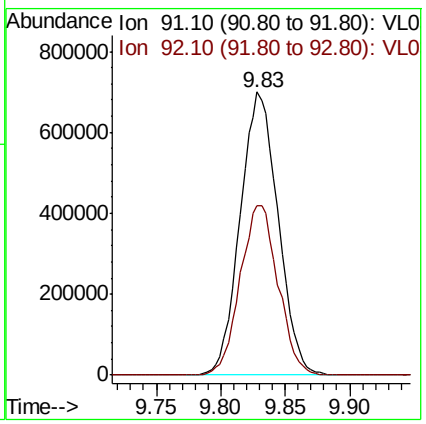


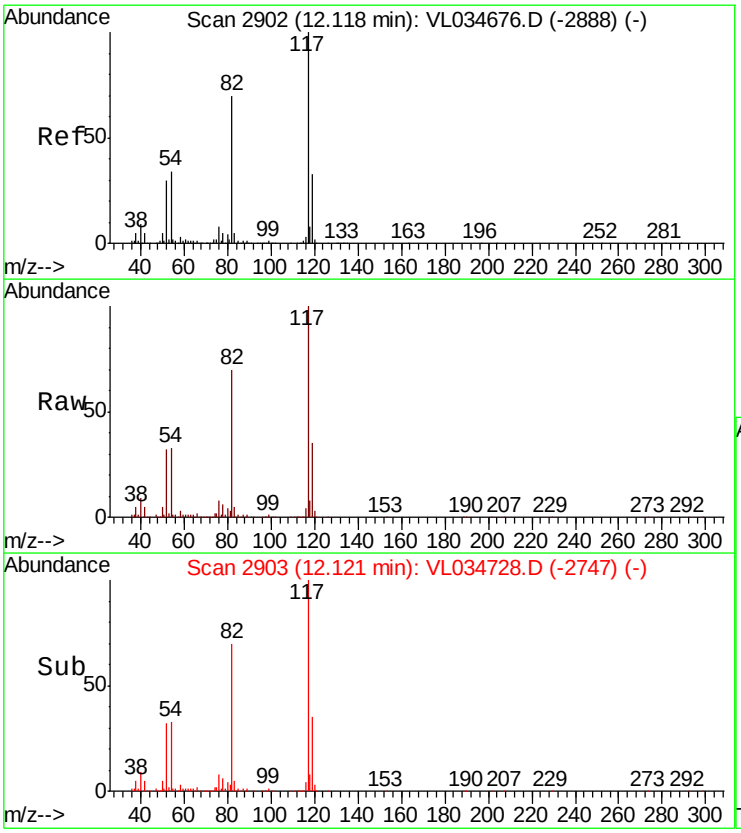
#53
Toluene
Concen: 6.843 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1433734

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.5	72.7

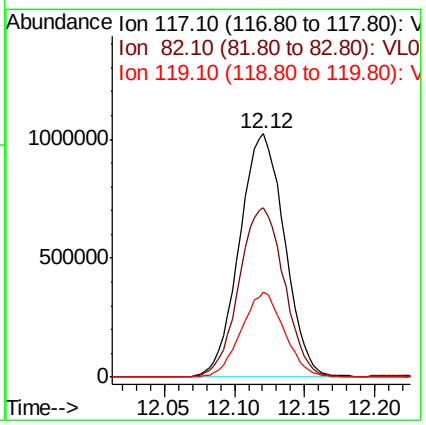


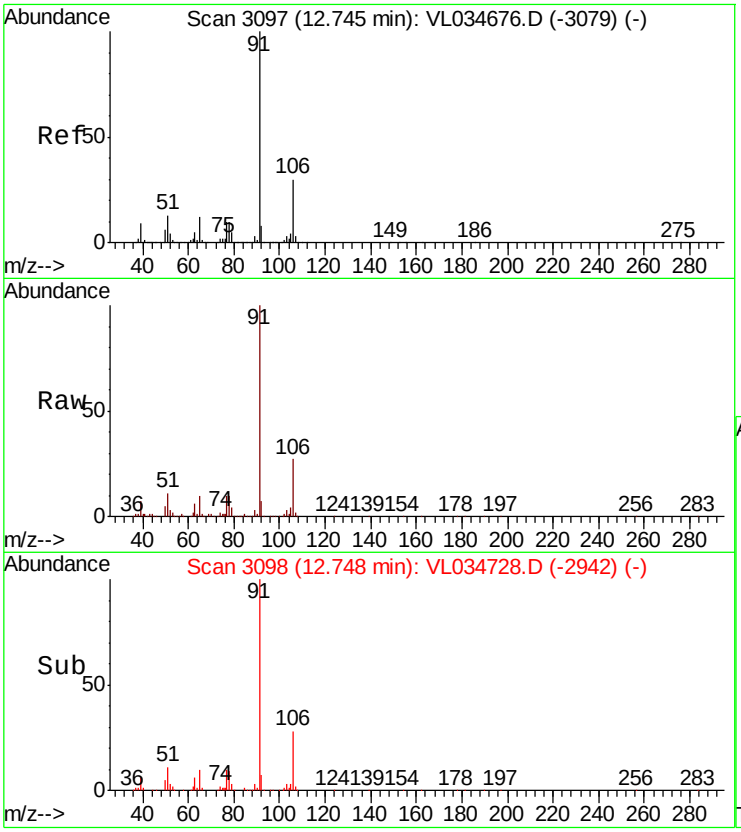


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:117 Resp: 2293389

Ion	Ratio	Lower	Upper
117	100		
82	70.0	54.1	81.1
119	33.3	27.6	41.4



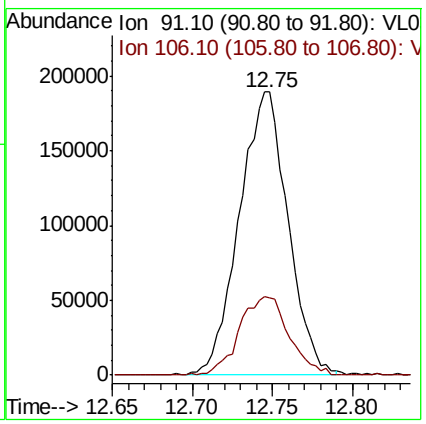


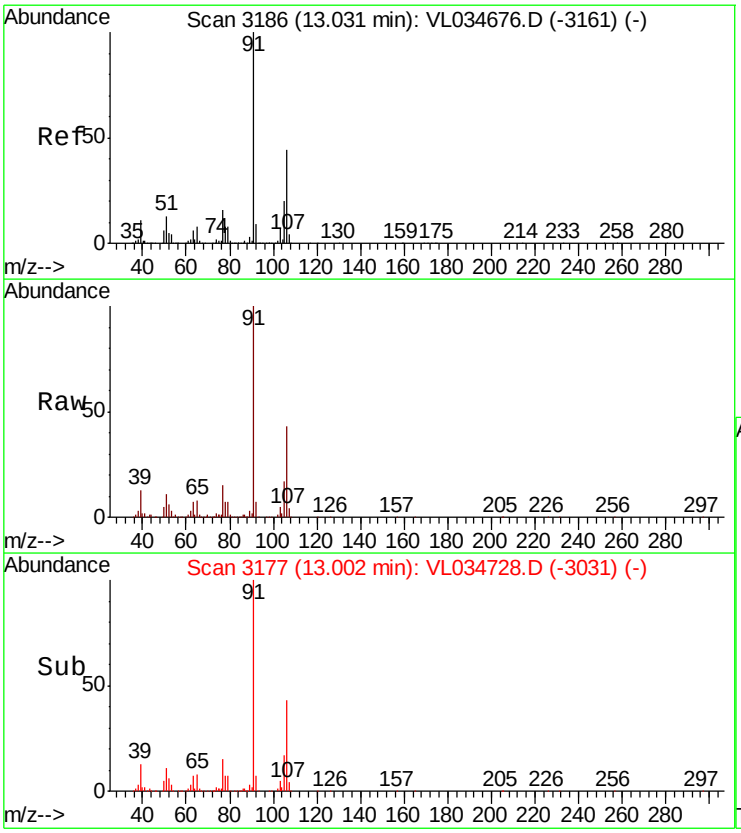
#58
Ethyl Benzene
Concen: 1.409 ppbv
RT: 12.75 min Scan# 3098
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 390922

Ion	Ratio	Lower	Upper
91	100		
106	27.4	24.0	36.0

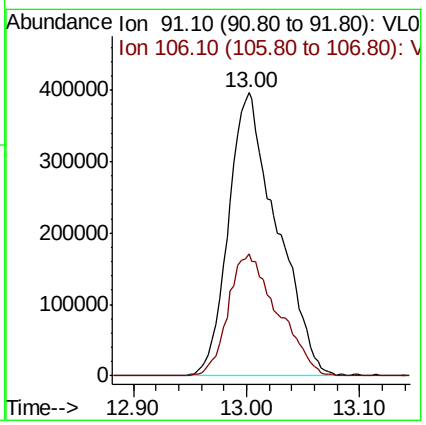


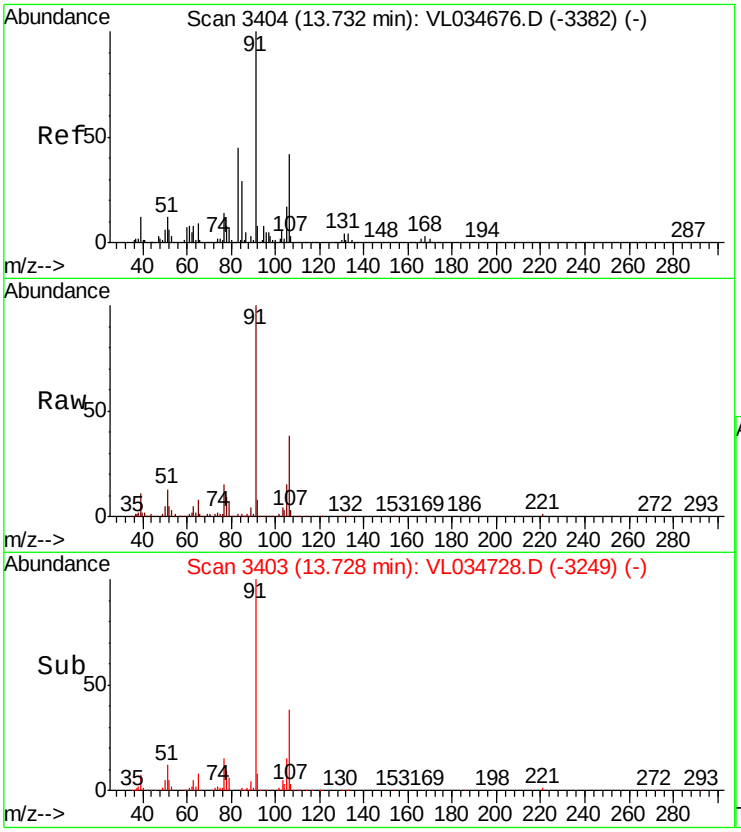


#59
m/p-Xylene
Concen: 4.840 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.03 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion: 91 Resp: 1171348

Ion	Ratio	Lower	Upper
91	100		
106	44.2	35.6	53.4



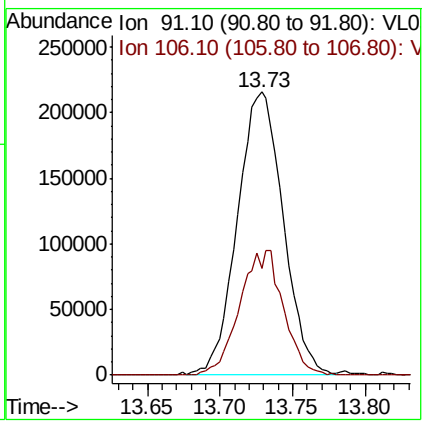


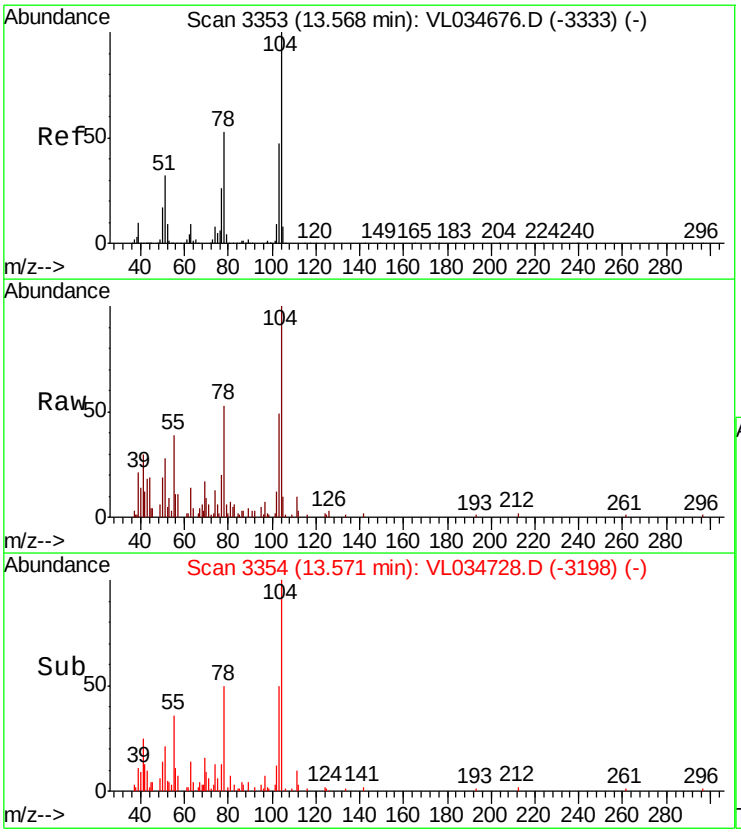
#60
o-Xylene
Concen: 1.956 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 469678

Ion	Ratio	Lower	Upper
91	100		
106	42.5	21.9	65.5

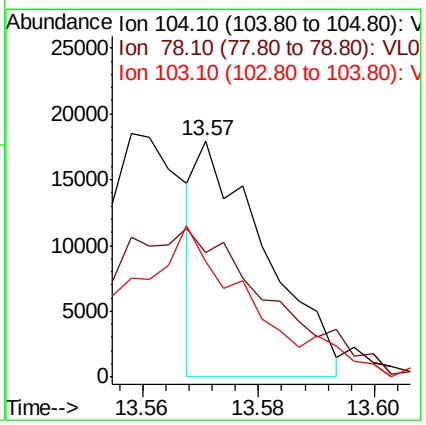


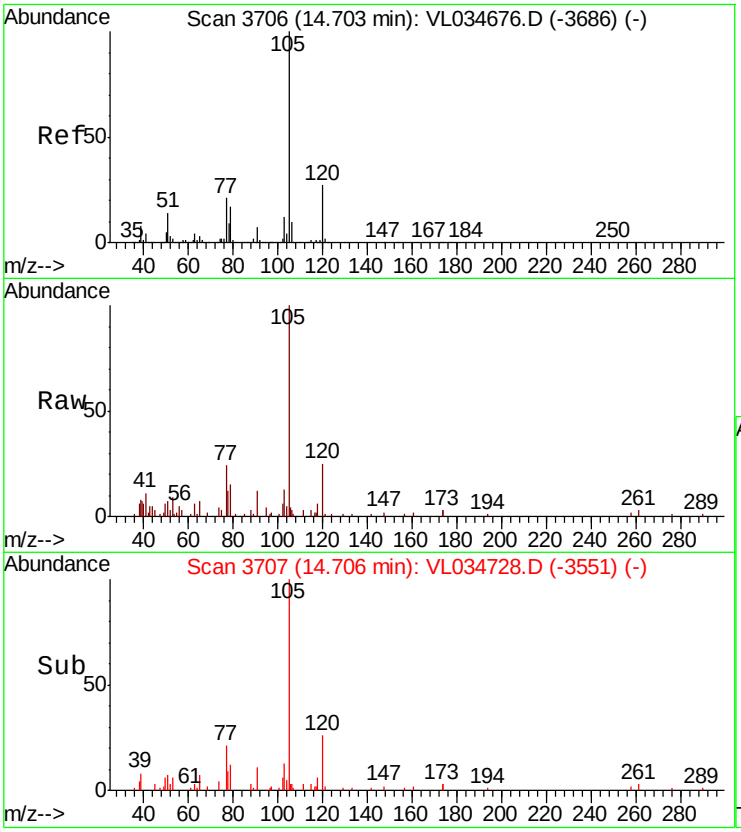


#61
Styrene
Concen: 0.094 ppbv
RT: 13.57 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:104 Resp: 14568

Ion	Ratio	Lower	Upper
104	100		
78	172.9	44.2	66.4#
103	140.4	37.4	56.0#



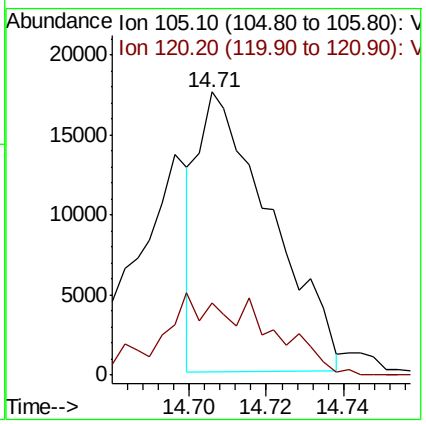


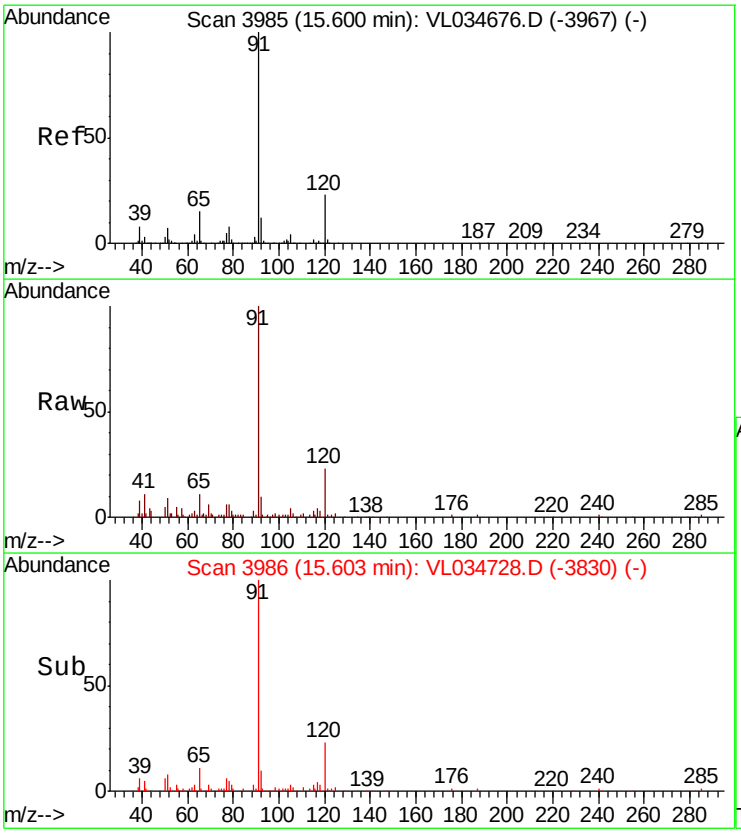
#62
Isopropylbenzene
Concen: 0.065 ppbv
RT: 14.71 min Scan# 3707
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 22705

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.4#

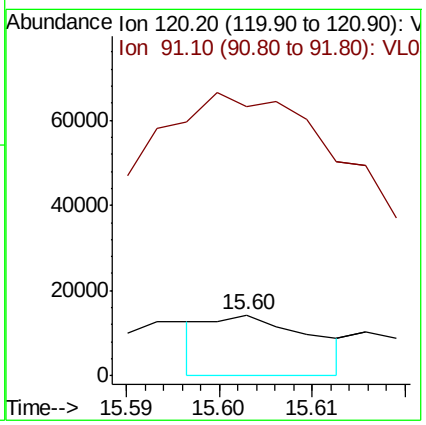


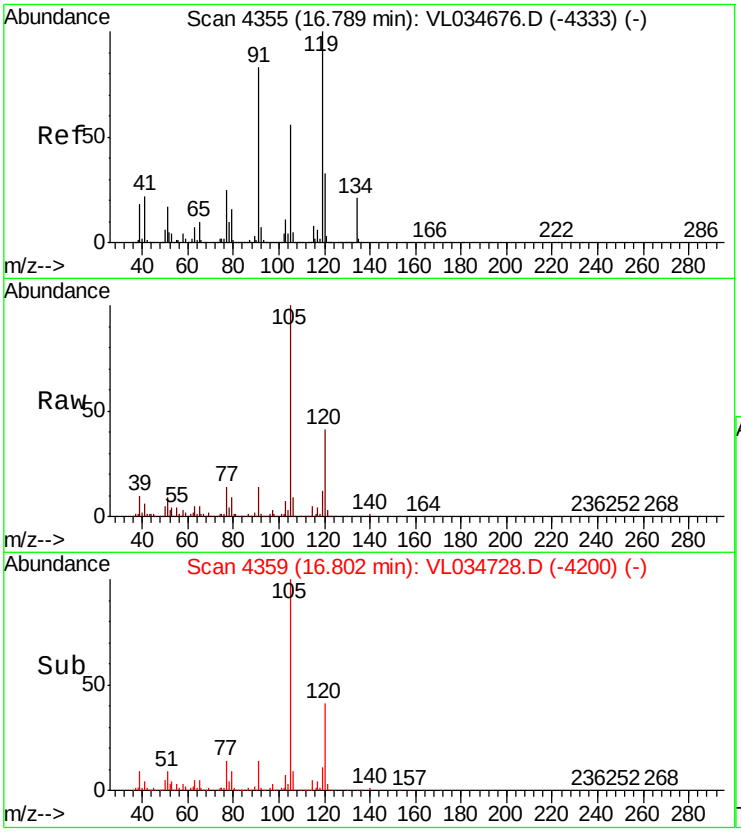


#64
n-propylbenzene
Concen: 0.120 ppbv
RT: 15.60 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:120 Resp: 10836

Ion	Ratio	Lower	Upper
120	100		
91	1440.9	369.8	554.8#



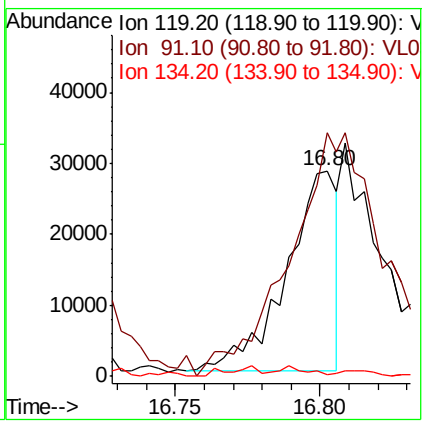


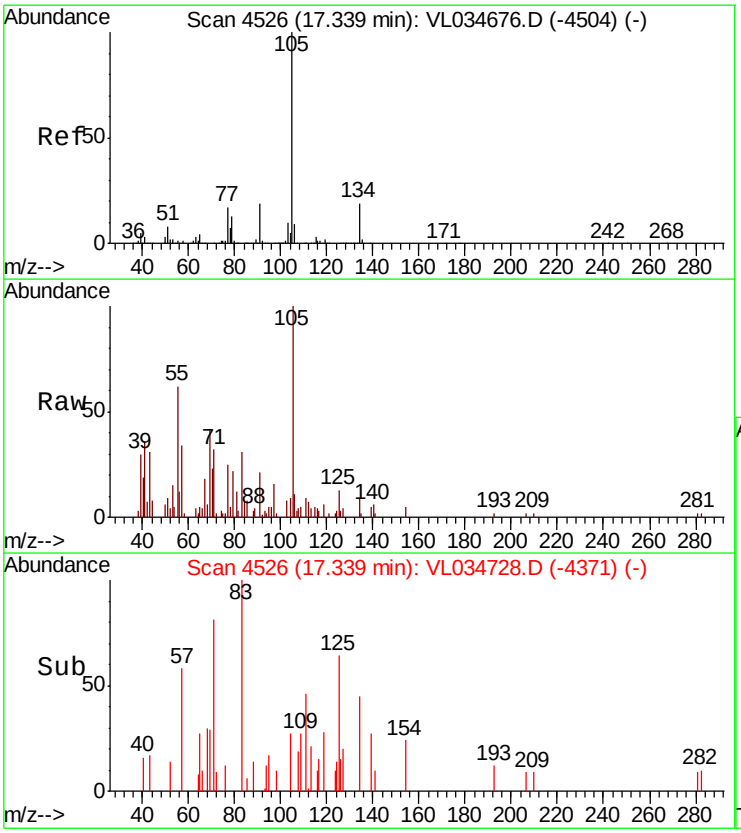
#65
tert-Butylbenzene
Concen: 0.113 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 34217

Ion	Ratio	Lower	Upper
119	100		
91	228.9	69.1	103.7#
134	9.0	15.8	23.8#

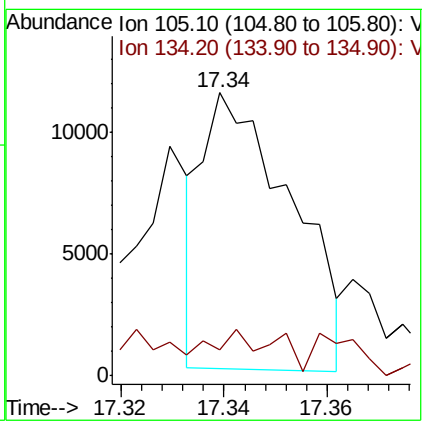


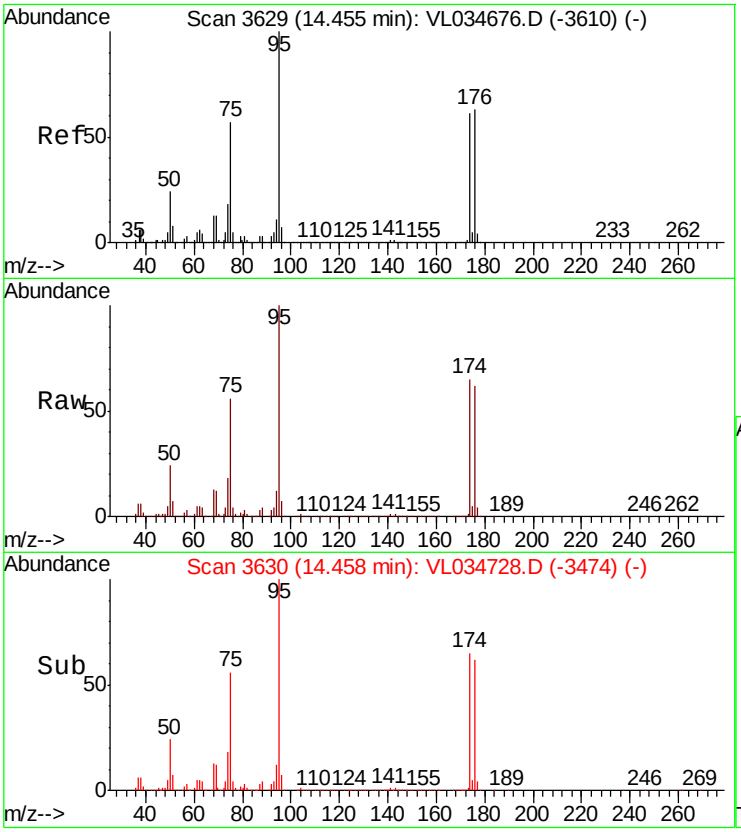


#67
sec-Butylbenzene
Concen: 0.031 ppbv
RT: 17.34 min Scan# 4526
Delta R.T. -0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:105 Resp: 13535

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.8	22.2#



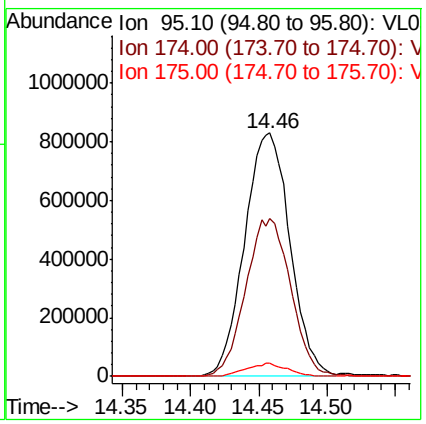


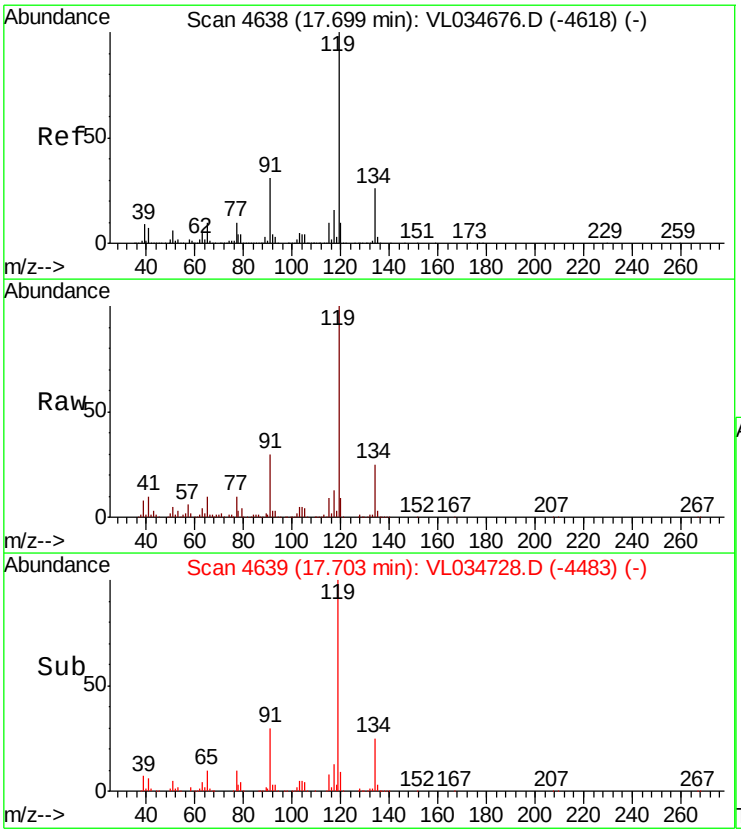
#68
1-Bromo-4-Fluorobenzene
Concen: 10.178 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1914006

Ion	Ratio	Lower	Upper
95	100		
174	64.7	50.7	76.1
175	4.9	3.9	5.9

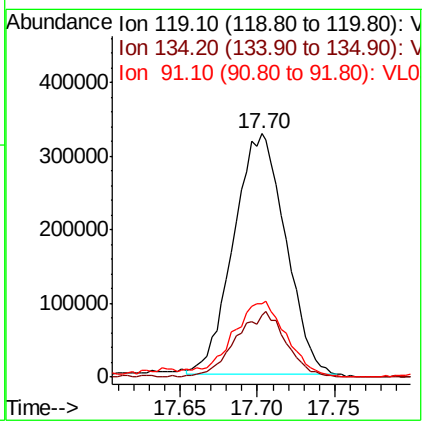


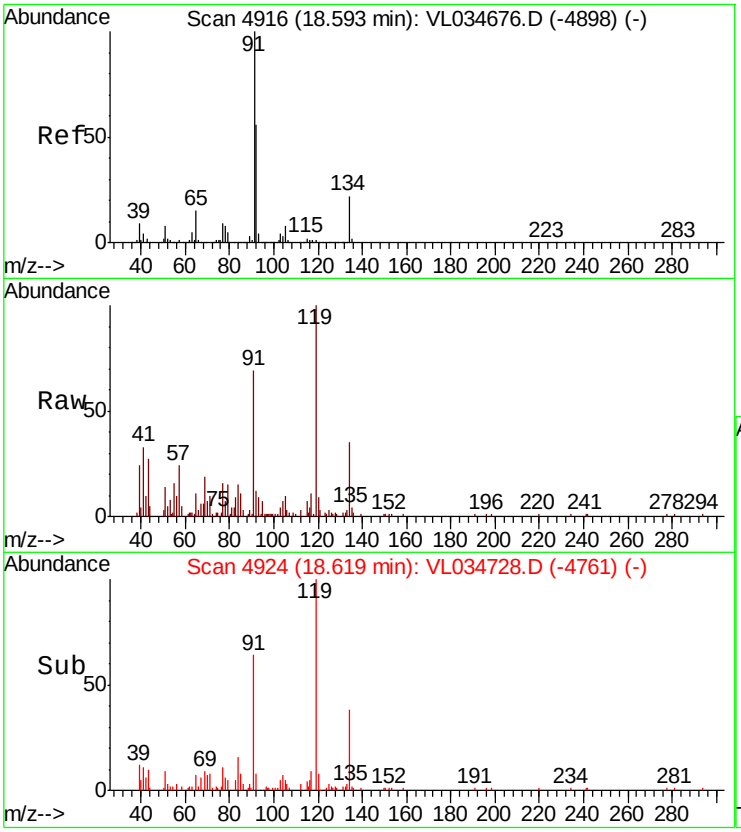


#69
p-Isopropyltoluene
Concen: 2.140 ppbv
RT: 17.70 min Scan# 4639
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:119 Resp: 766911

Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.6	31.0
91	32.5	25.3	37.9



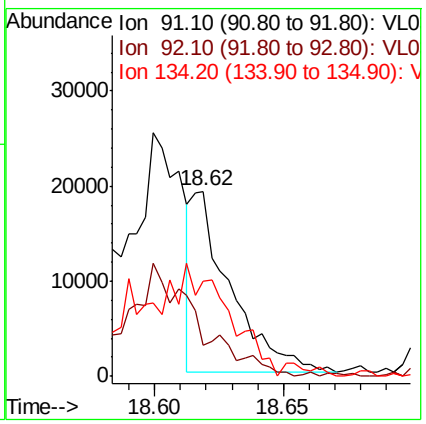


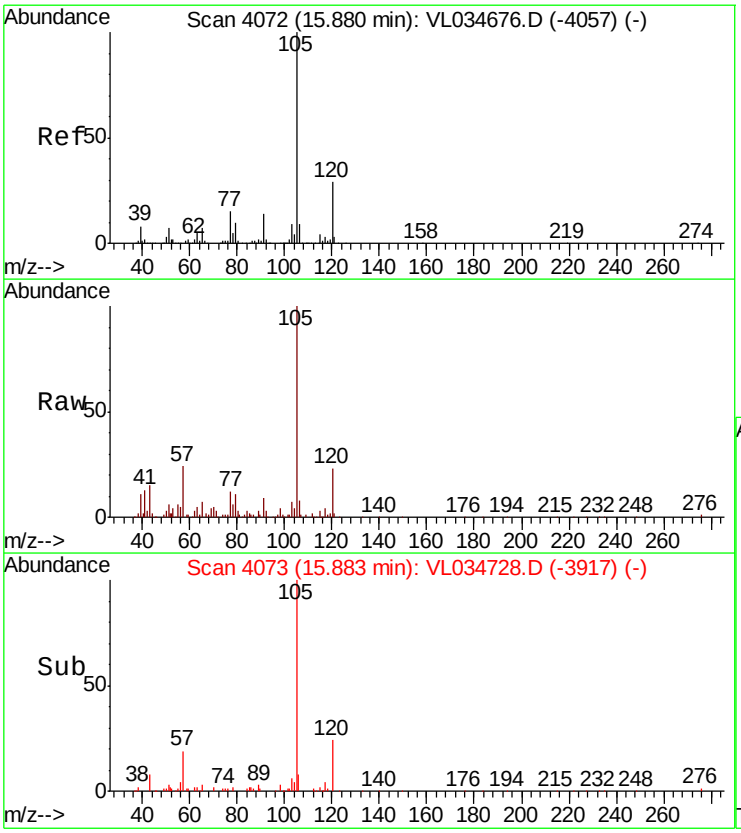
#70
n-Butylbenzene
Concen: 0.050 ppbv
RT: 18.62 min Scan# 4924
Delta R.T. 0.03 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 19666

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.6#
134	205.5	17.6	26.4#

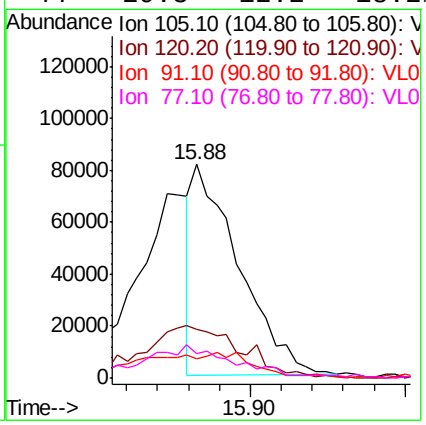


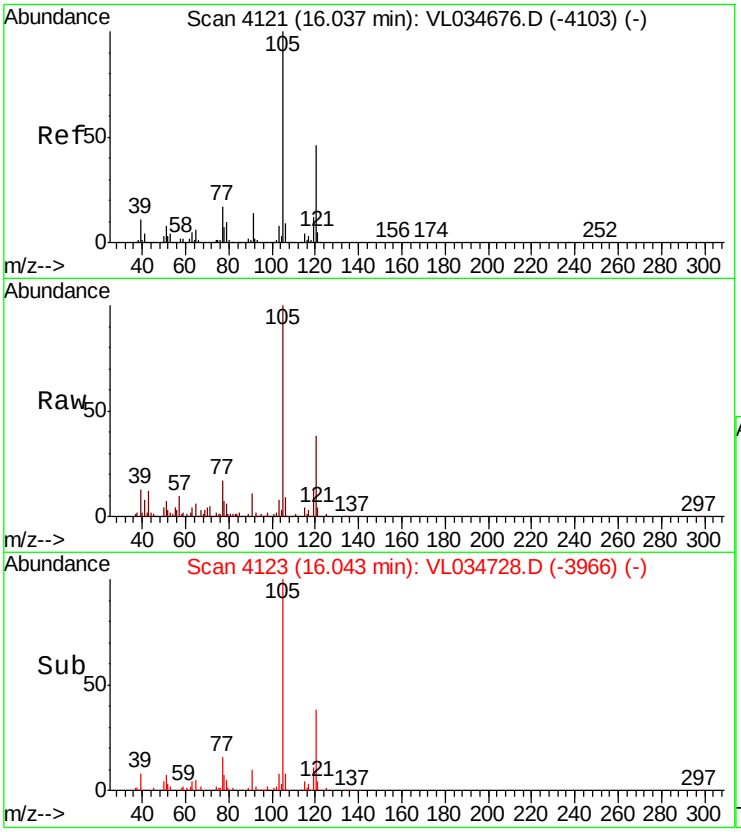


#72
4-Ethyltoluene
Concen: 0.315 ppbv
RT: 15.88 min Scan# 4073
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:105 Resp: 84092

Ion	Ratio	Lower	Upper
105	100		
120	53.5	23.7	35.5#
91	31.1	10.9	16.3#
77	29.3	12.2	18.2#



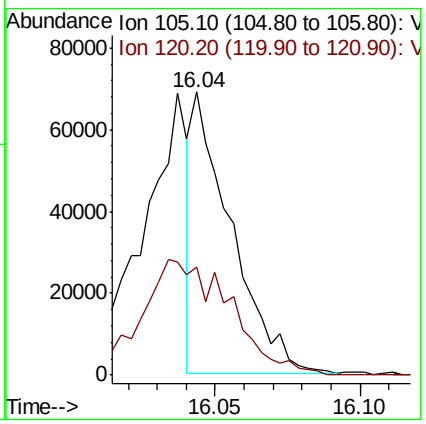


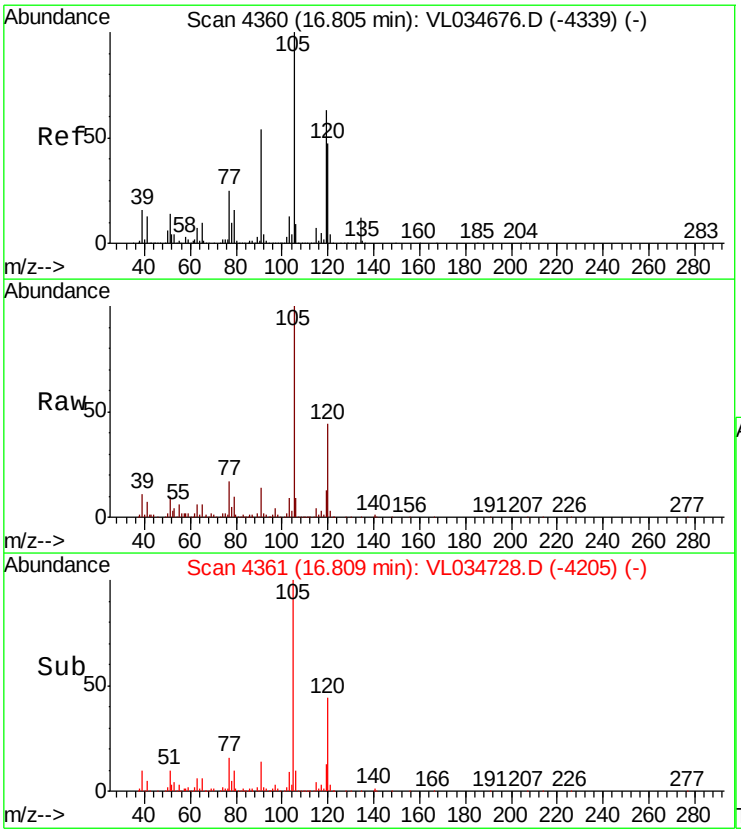
#73
1,3,5-Trimethylbenzene
Concen: 0.250 ppbv
RT: 16.04 min Scan# 4123
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 64201

Ion	Ratio	Lower	Upper
105	100		
120	38.2	37.1	55.7

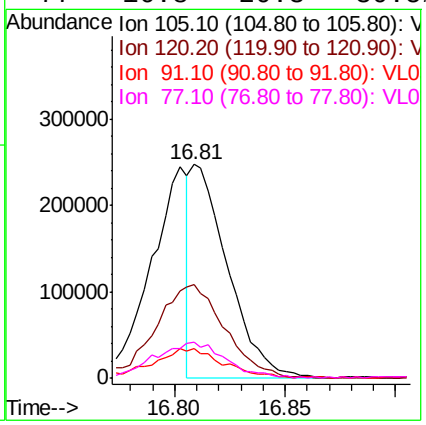


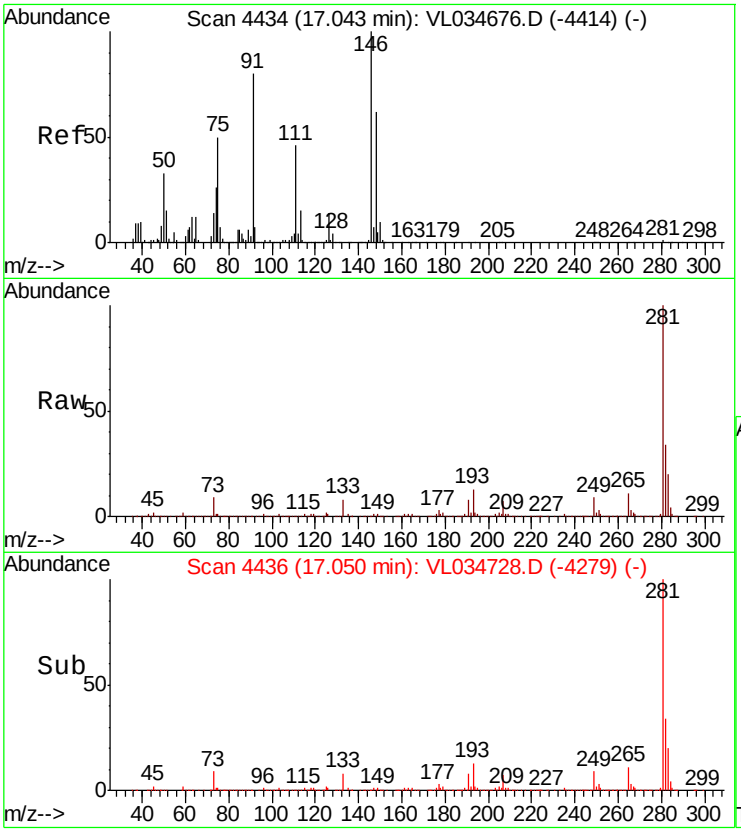


#74
1,2,4-Trimethylbenzene
Concen: 0.993 ppbv
RT: 16.81 min Scan# 4361
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:105 Resp: 282059

Ion	Ratio	Lower	Upper
105	100		
120	43.6	37.9	56.9
91	13.6	43.9	65.9#
77	16.8	20.3	30.5#



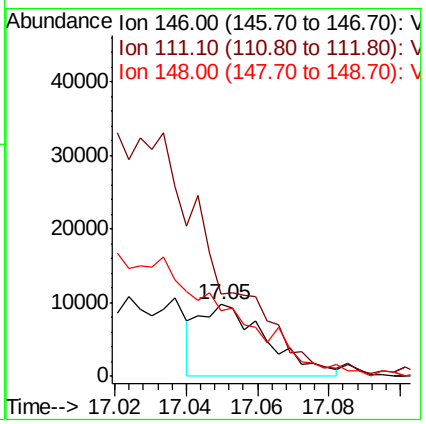


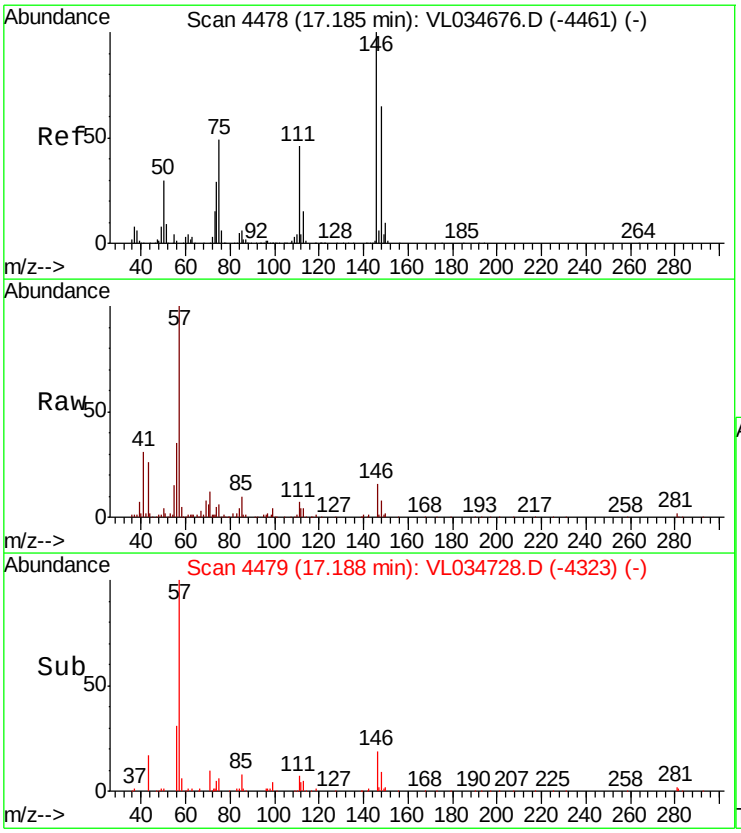
#75
1,3-Dichlorobenzene
Concen: 0.078 ppbv
RT: 17.05 min Scan# 4436
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 12801

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	0.0	32.5	97.4#

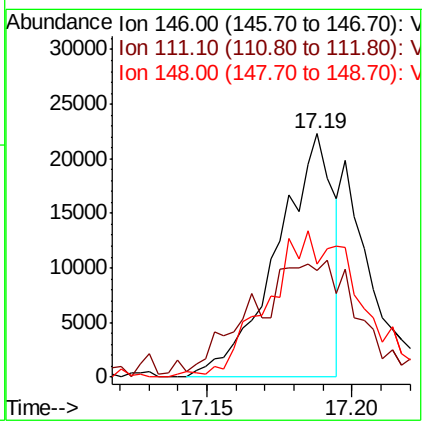


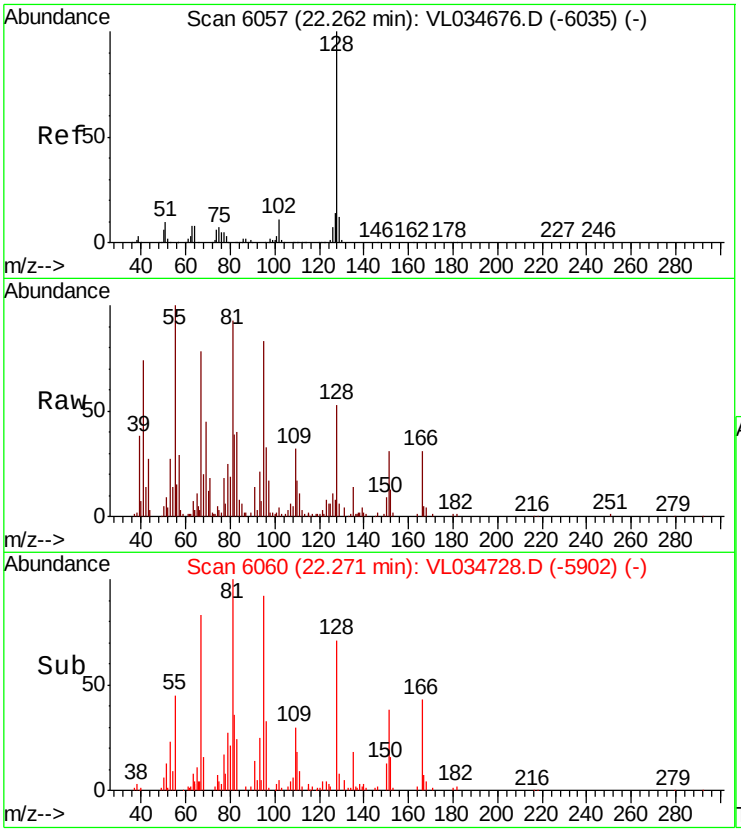


#76
1,4-Dichlorobenzene
Concen: 0.183 ppbv
RT: 17.19 min Scan# 4479
Delta R.T. 0.00 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:146 Resp: 30032

Ion	Ratio	Lower	Upper
146	100		
111	97.6	23.4	70.0#
148	99.5	31.9	95.5#



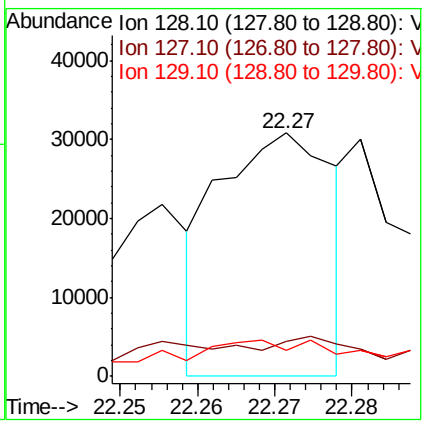


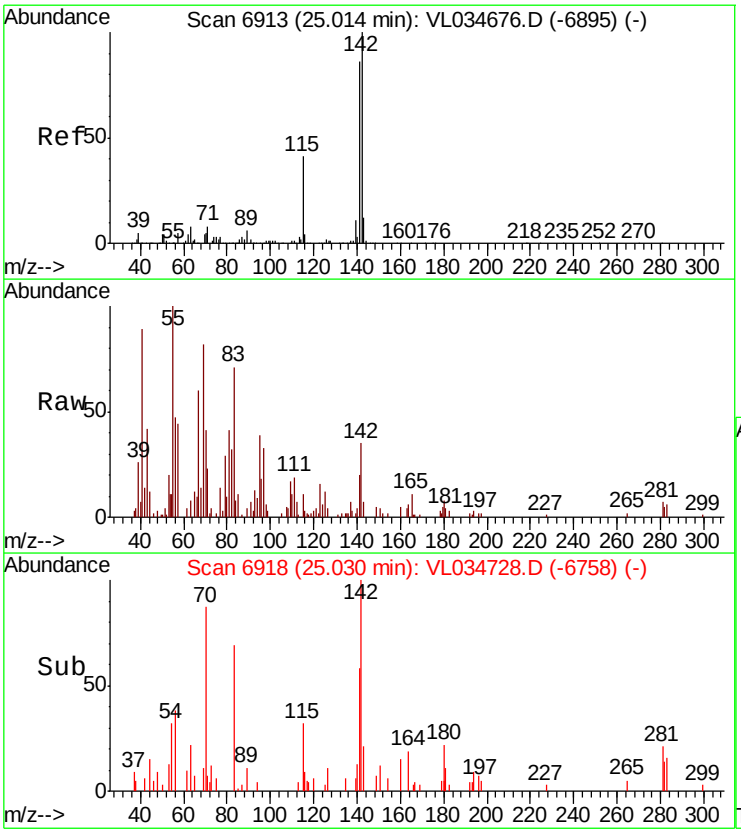
#79
Naphthalene
Concen: 0.127 ppbv
RT: 22.27 min Scan# 6060
Delta R.T. 0.01 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 31700

Ion	Ratio	Lower	Upper
128	100		
127	3.8	11.0	16.6#
129	10.0	9.4	14.2





#80
Naphthalene,2-methyl-
Concen: 0.140 ppbv
RT: 25.03 min Scan# 6918
Delta R.T. 0.02 min
Lab File: VL034728.D
Acq: 28 Feb 2020 3:55

Tgt Ion:142 Resp: 10782

Ion	Ratio	Lower	Upper
142	100		
141	84.2	66.5	99.7
115	50.2	30.6	46.0#