Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032492.D
Acq On : 11 Sep 2018 00:02
Operator : SY/AP
Sample : J4820-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Quant Time: Sep 11 01:12:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.82	49	1469482	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.35	114	3808203	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.29	117	3374643	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.63	95	3021982	12.06	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 120.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	69306	0.369	ppbv		100
3) Chlorodifluoromethane	3.04	51	61279	0.461	ppbv		93
4) Chloromethane	3.20	50	73303	0.910	ppbv		93
7) Chloroethane	3.63	64	8948	0.325	ppbv		96
9) Propene	3.06	41	5700118	106.231	ppbv		98
10) Heptane	8.30	43	2212677	11.495	ppbv		98
11) Trichlorofluoromethane	4.04	101	62107	0.366	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.60	101	11319	0.099	ppbv		84
13) Ethanol	3.70	45	361798	21.631	ppbv		98
15) Acetone	3.94	43	12664243	95.702	ppbv	#	74
16) 1,3-Butadiene	3.42	39	1138094	18.277	ppbv	#	1
17) tert-Butyl alcohol	4.42	59	201526	9.896	ppbv	#	100
19) Isopropyl Alcohol	4.08	45	28220	0.325	ppbv	#	93
20) Methylene Chloride	4.46	84	182780	3.622	ppbv		98
21) Allyl Chloride	4.47	41	245578	2.794	ppbv	#	36
23) Vinyl Acetate	5.23	43	7960655	36.293	ppbv	#	39
25) Ethyl Acetate	5.83	43	1708921	5.469	ppbv	#	78
26) Hexane	5.83	57	2377357	16.990	ppbv	#	44
27) Carbon Disulfide	4.66	76	453235	3.509	ppbv		96
28) Methyl tert-Butyl Ether	5.31	73	46115	0.268	ppbv	#	1
29) Chloroform	5.91	83	1865585	8.744	ppbv		97
30) Cyclohexane	7.30	84	1547181	15.101	ppbv	#	78
34) 2-Butanone	5.38	43	4710089	18.620	ppbv	#	1
35) Carbon Tetrachloride	7.19	117	8981	0.035	ppbv	#	91
36) Benzene	7.06	78	4544830	14.024	ppbv		99
37) 1,2-Dichloroethane	6.48	62	73866	0.372	ppbv	#	84
38) Trichloroethene	8.02	130	39606	0.322	ppbv	#	83
39) 1,2-Dichloropropane	7.97	63	10100	0.073	ppbv	#	1
40) 1,4-Dioxane	8.03	88	1912	0.046	ppbv	#	1
41) Tetrahydrofuran	6.26	42	60871	0.442	ppbv	#	49
42) Bromodichloromethane	7.97	83	852036	3.110	ppbv	#	29
43) Methyl Methacrylate	8.23	69	74816	0.544	ppbv	#	11
44) 2,2,4-Trimethylpentane	8.05	57	2994312	4.779	ppbv	#	4
48) Dibromochloromethane	10.52	129	9558	0.047	ppbv	#	46
50) 4-Methyl-2-Pentanone	8.94	43	117607	0.309	ppbv	#	68
51) 2-Hexanone	10.32	43	19890458	81.040	ppbv	#	96
52) Tetrachloroethene	11.43	164	9116	0.091	ppbv	#	83
53) Toluene	10.00	91	3691162	10.896	ppbv		99
58) Ethyl Benzene	12.92	91	1723936	4.269	ppbv		97
59) m/p-Xylene	13.17	91	3022910	8.396	ppbv		98
60) o-Xylene	13.90	91	1249219	3.532	ppbv		100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032492.D
Acq On : 11 Sep 2018 00:02
Operator : SY/AP
Sample : J4820-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Quant Time: Sep 11 01:12:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) Styrene	13.74	104	1236179	5.399	ppbv		98
62) Isopropylbenzene	14.88	105	1599930	3.218	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.89	83	22851	0.072	ppbv	#	26
64) n-propylbenzene	15.77	120	102967	0.792	ppbv	#	1
65) tert-Butylbenzene	16.98	119	232524	0.543	ppbv	#	77
67) sec-Butylbenzene	17.54	105	115634	0.179	ppbv	#	85
69) p-Isopropyltoluene	17.88	119	346833	0.695	ppbv	#	81
70) n-Butylbenzene	18.75	91	45199	0.080	ppbv	#	33
71) 2-Chlorotoluene	15.77	91	864726	2.277	ppbv	#	47
72) 4-Ethyltoluene	16.05	105	539141	1.396	ppbv		98
73) 1,3,5-Trimethylbenzene	16.21	105	1037741	2.683	ppbv		98
74) 1,2,4-Trimethylbenzene	16.98	105	1849656	4.374	ppbv	#	70
77) 1,2-Dichlorobenzene	18.05	146	10830	0.045	ppbv	#	1
79) Naphthalene	22.48	128	161594	0.470	ppbv		97
80) Naphthalene,2-methyl-	25.15	142	19192	0.210	ppbv	#	82

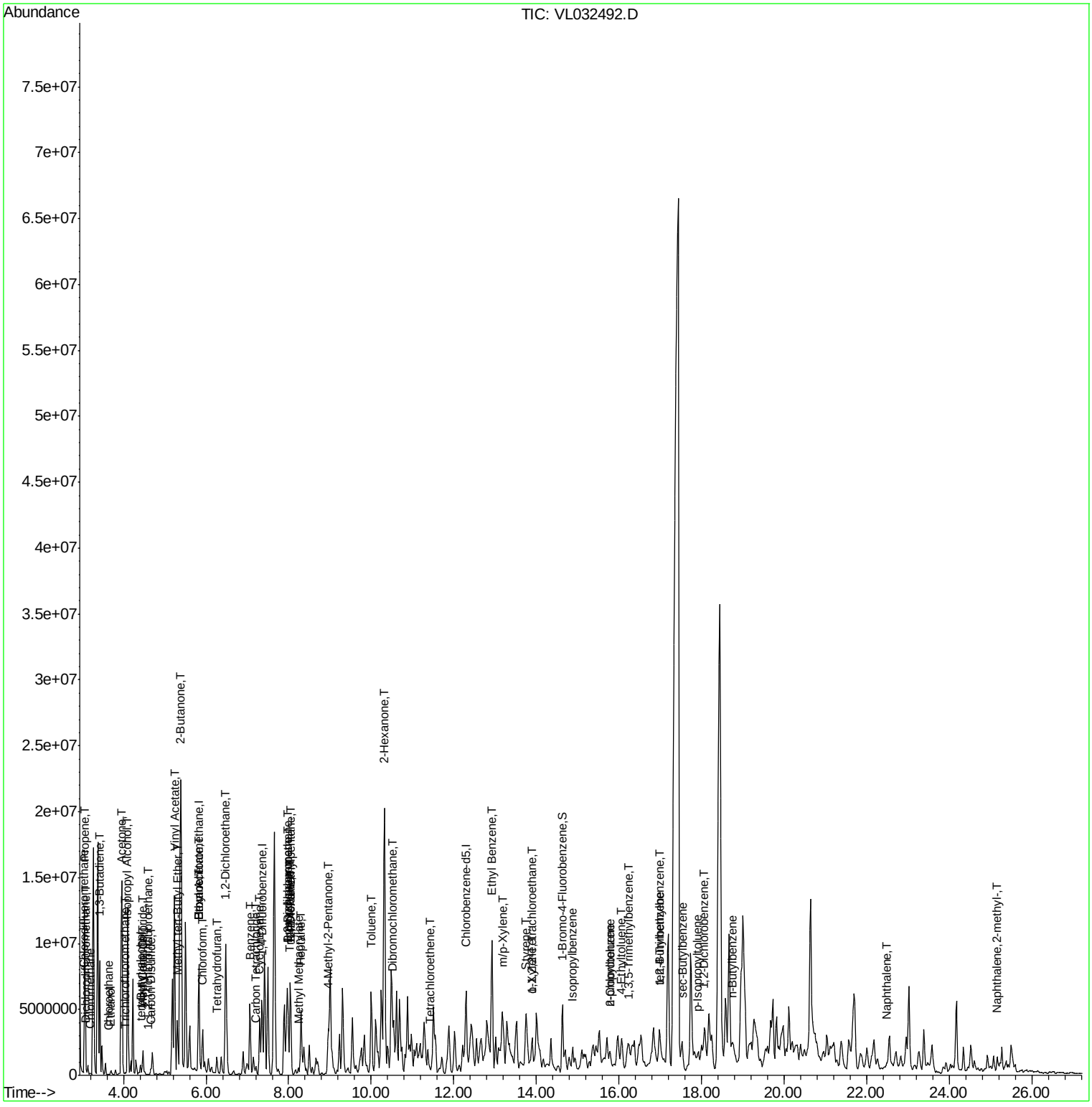
(#) = qualifier out of range (m) = manual integration (+) = signals summed

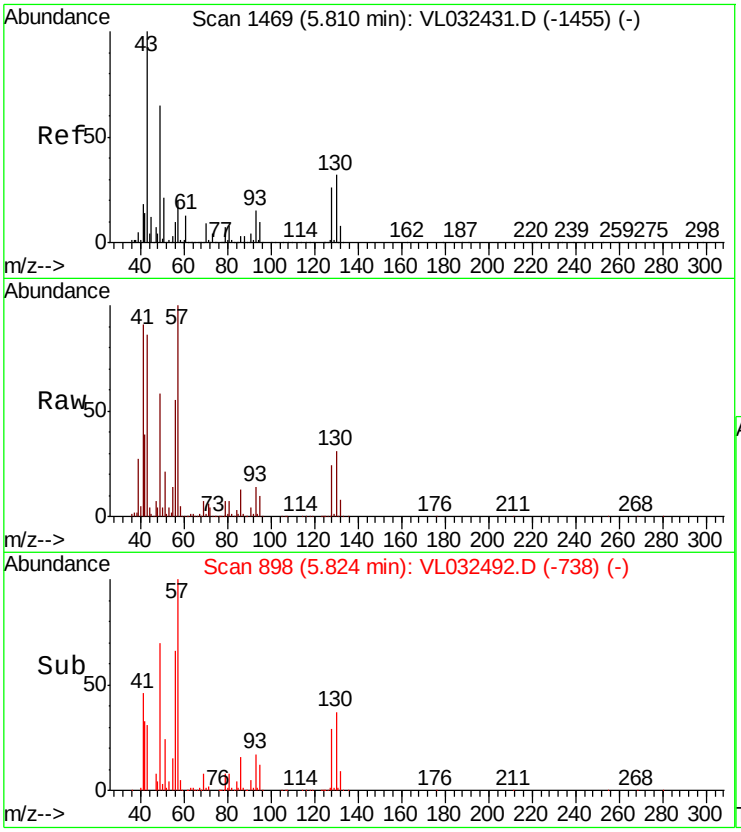
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032492.D
Acq On : 11 Sep 2018 00:02
Operator : SY/AP
Sample : J4820-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Quant Time: Sep 11 01:12:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration



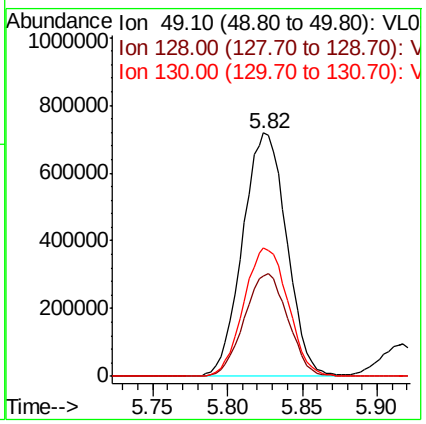


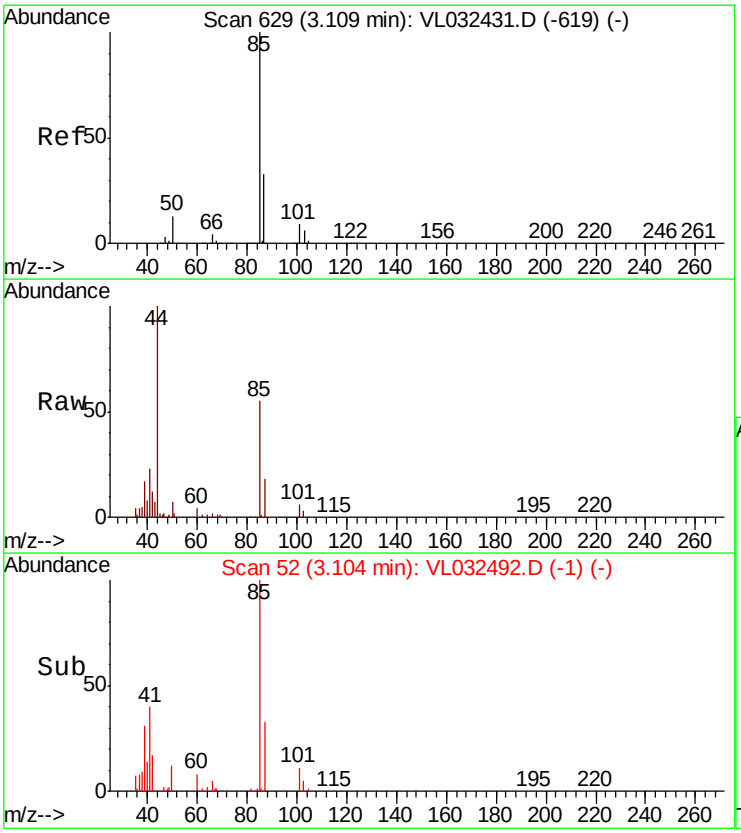
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 49 Resp: 1469482

Ion	Ratio	Lower	Upper
49	100		
128	41.8	20.7	62.1
130	53.4	26.6	79.7

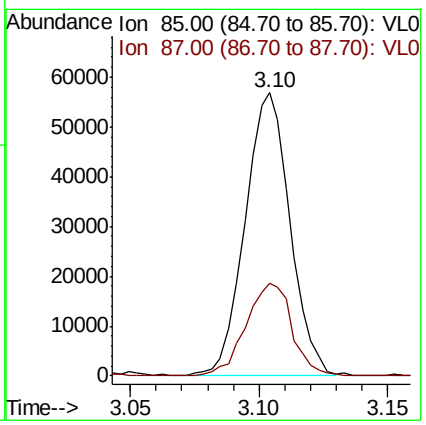


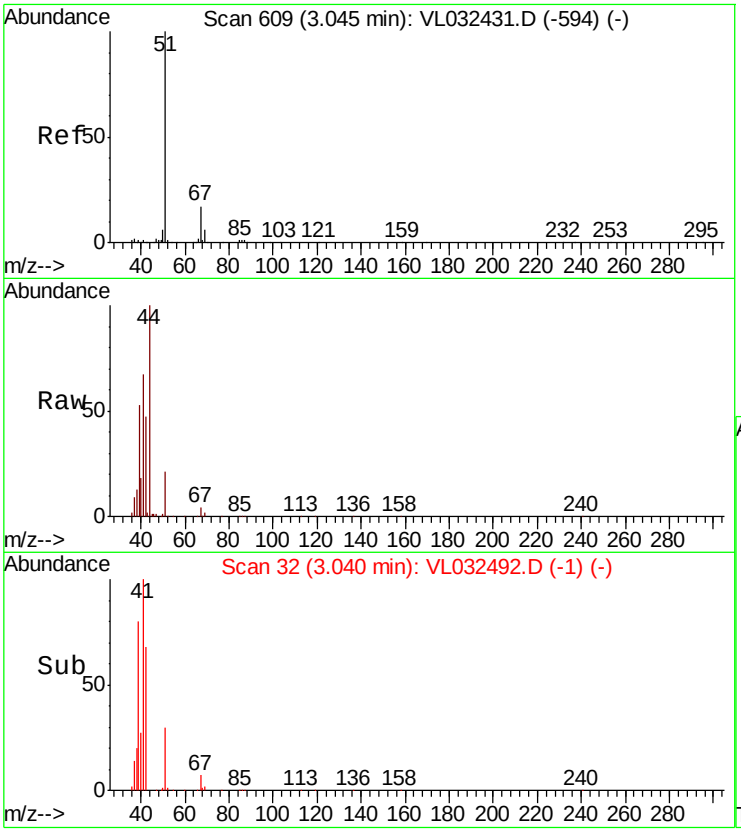


#2
Dichlorodifluoromethane
Concen: 0.369 ppbv
RT: 3.10 min Scan# 52
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 85 Resp: 69306

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.2	39.4



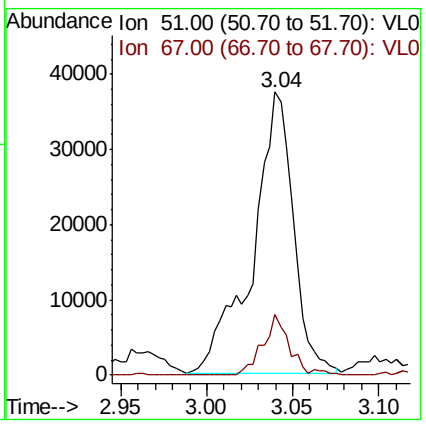


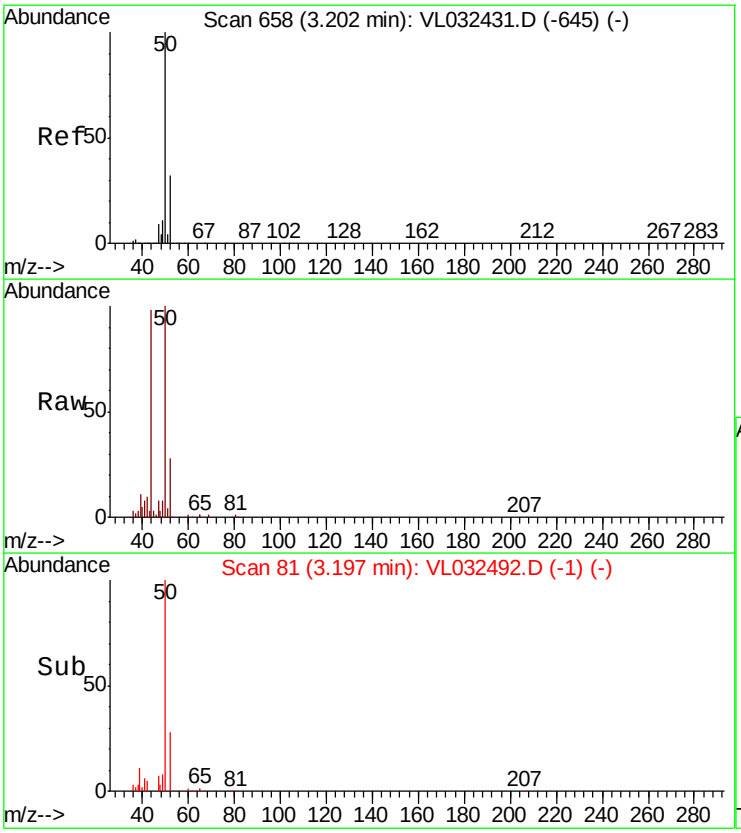
#3
Chlorodifluoromethane
Concen: 0.461 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 51 Resp: 61279

Ion	Ratio	Lower	Upper
51	100		
67	14.2	13.8	20.8

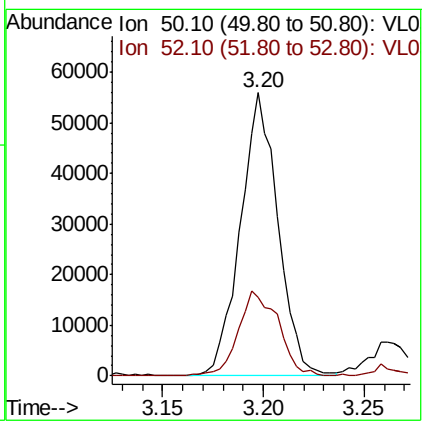


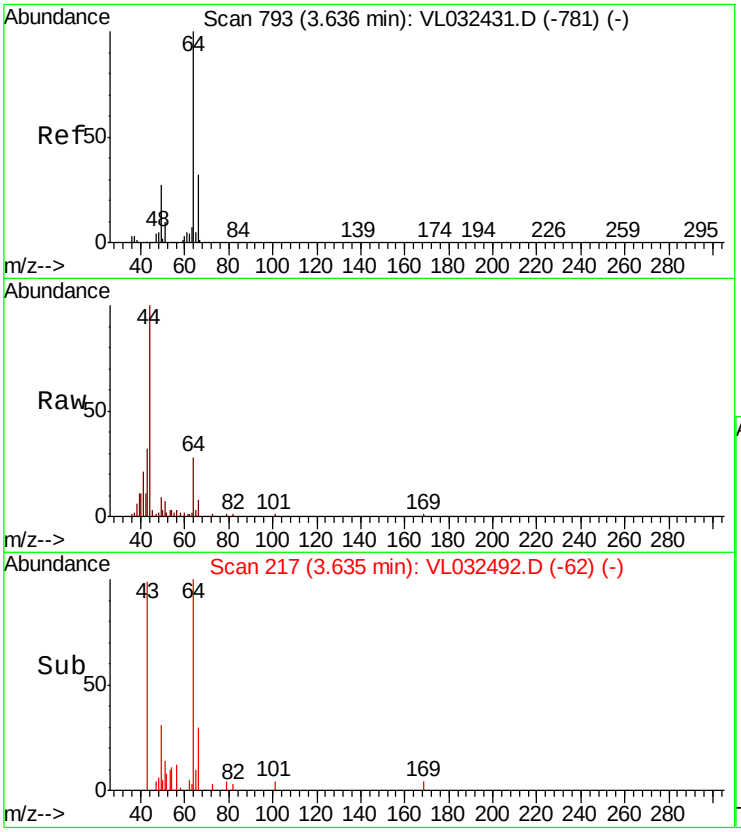


#4
Chloromethane
Concen: 0.910 ppbv
RT: 3.20 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 50 Resp: 73303

Ion	Ratio	Lower	Upper
50	100		
52	28.0	25.6	38.4



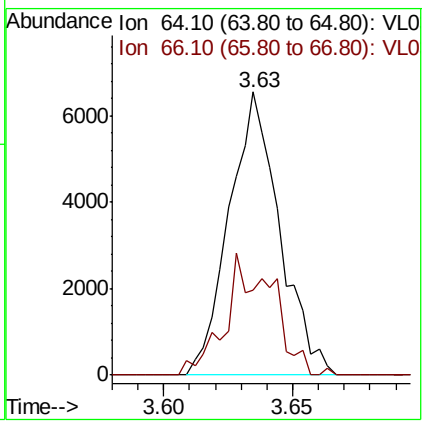


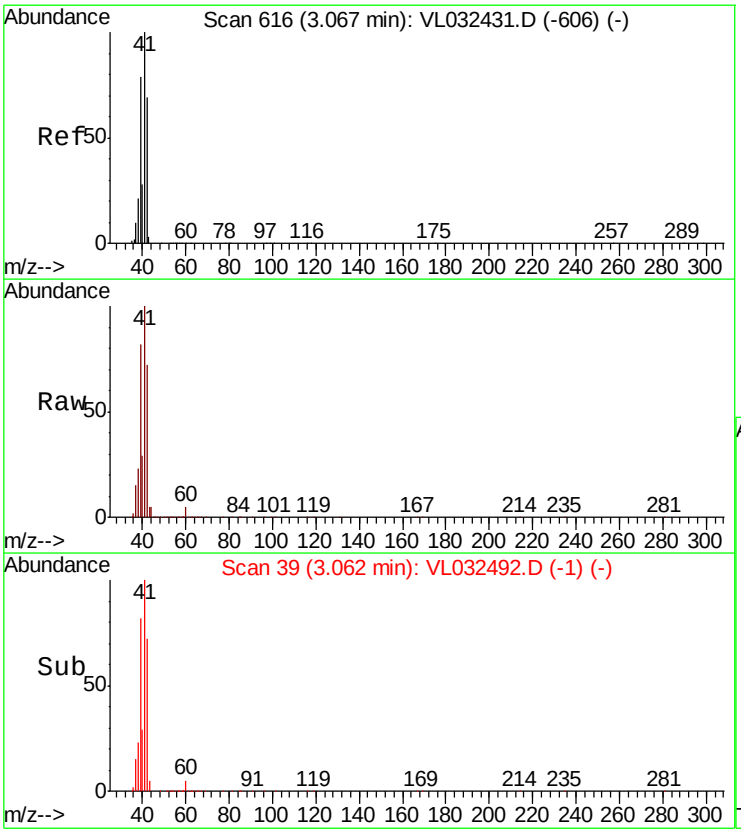
#7
Chloroethane
Concen: 0.325 ppbv
RT: 3.63 min Scan# 217
Delta R.T. -0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 64 Resp: 8948

Ion	Ratio	Lower	Upper
64	100		
66	30.2	25.8	38.6

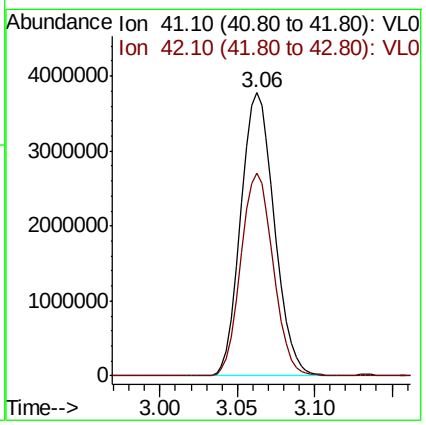


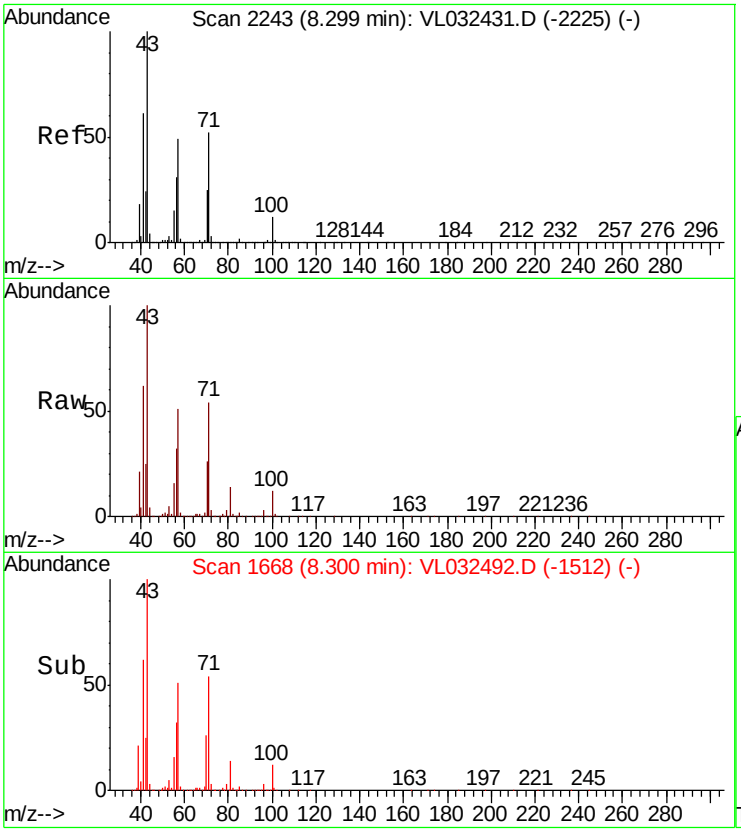


#9
Propene
Concen: 106.231 ppbv
RT: 3.06 min Scan# 39
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 41 Resp: 5700118

Ion	Ratio	Lower	Upper
41	100		
42	69.3	56.6	84.8



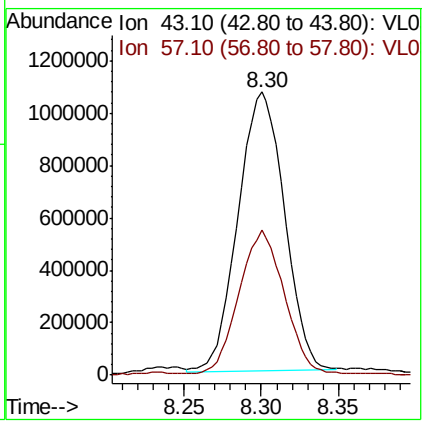


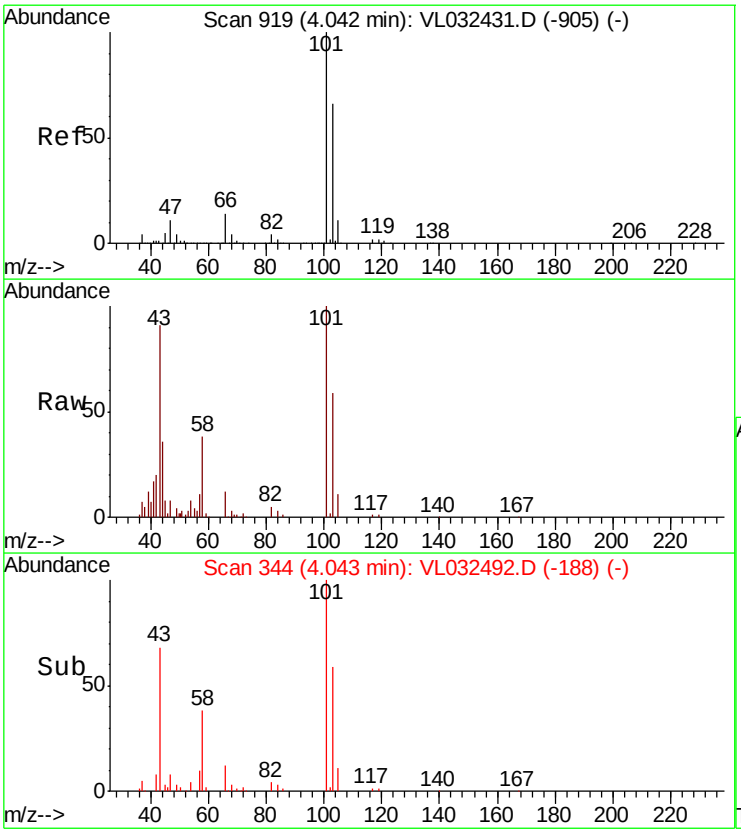
#10
Heptane
Concen: 11.495 ppbv
RT: 8.30 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 43 Resp: 2212677

Ion	Ratio	Lower	Upper
43	100		
57	51.1	39.6	59.4

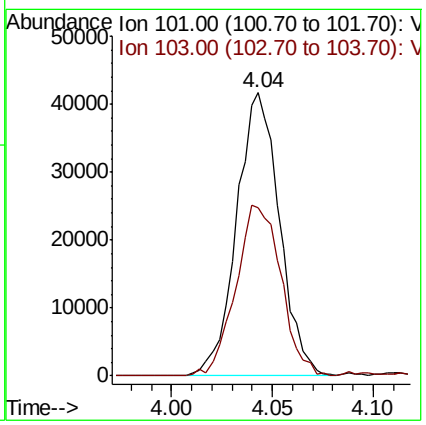


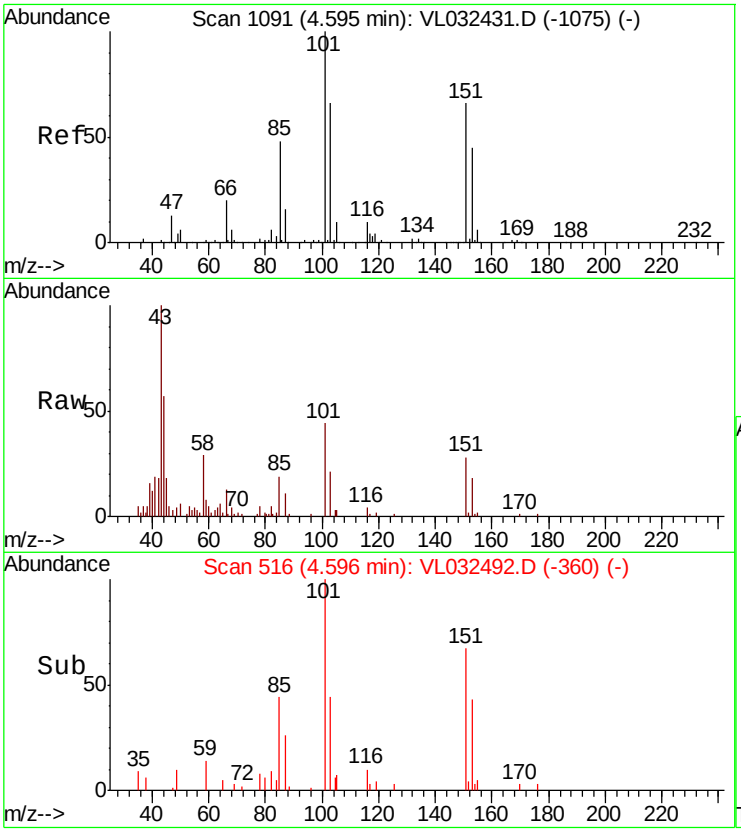


#11
Trichlorofluoromethane
Concen: 0.366 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:101 Resp: 62107

Ion	Ratio	Lower	Upper
101	100		
103	59.4	52.8	79.2



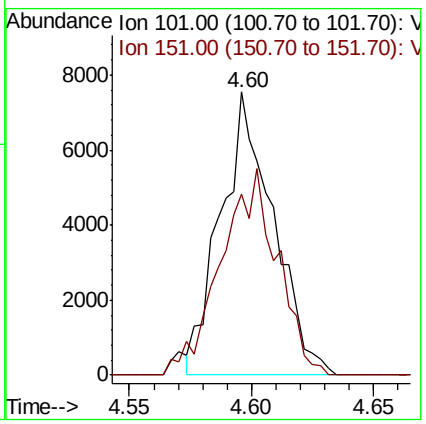


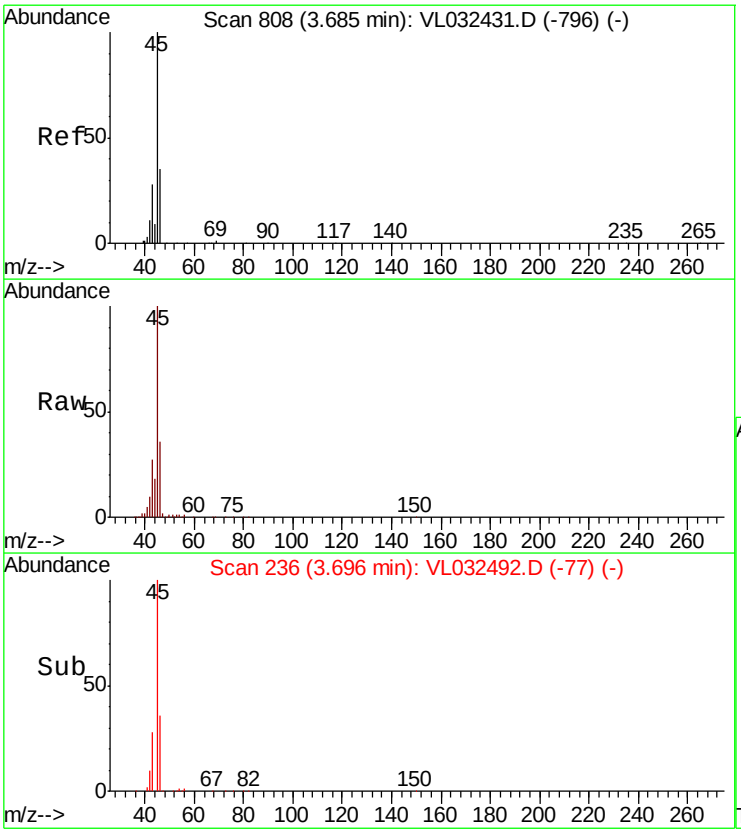
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.099 ppbv
RT: 4.60 min Scan# 516
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion:101 Resp: 11319

Ion	Ratio	Lower	Upper
101	100		
151	78.0	52.6	78.8

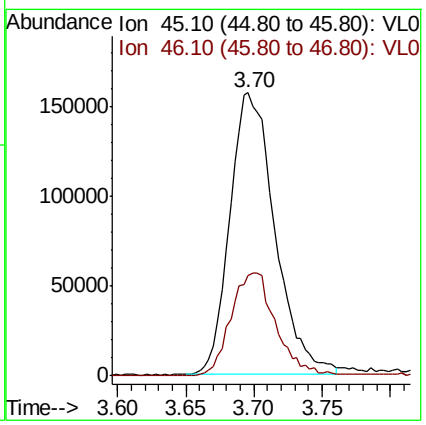


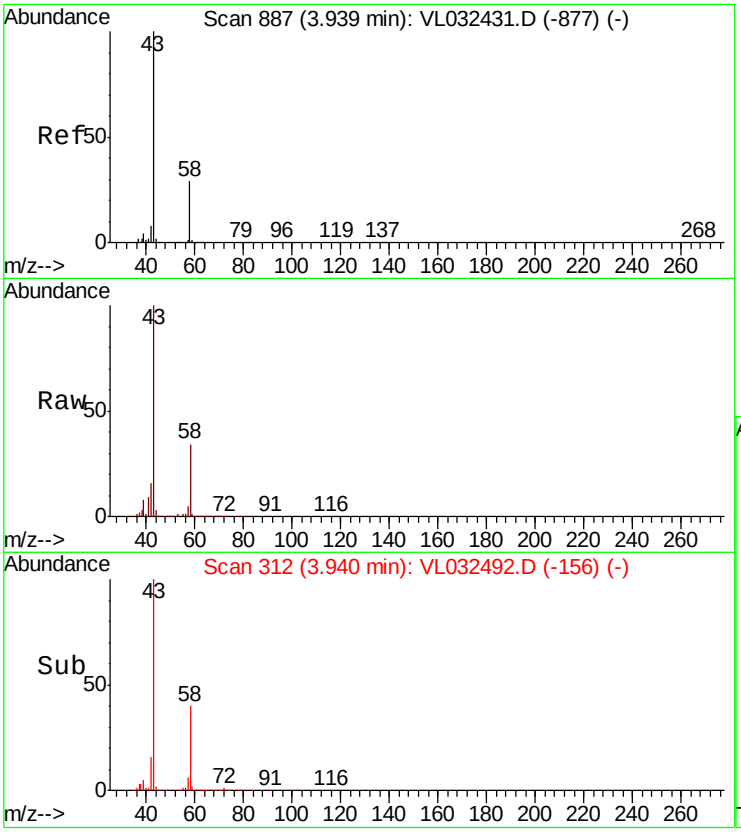


#13
Ethanol
Concen: 21.631 ppbv
RT: 3.70 min Scan# 236
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 45 Resp: 361798

Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.2	56.8



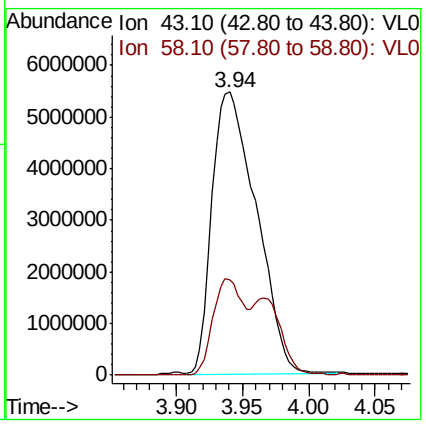


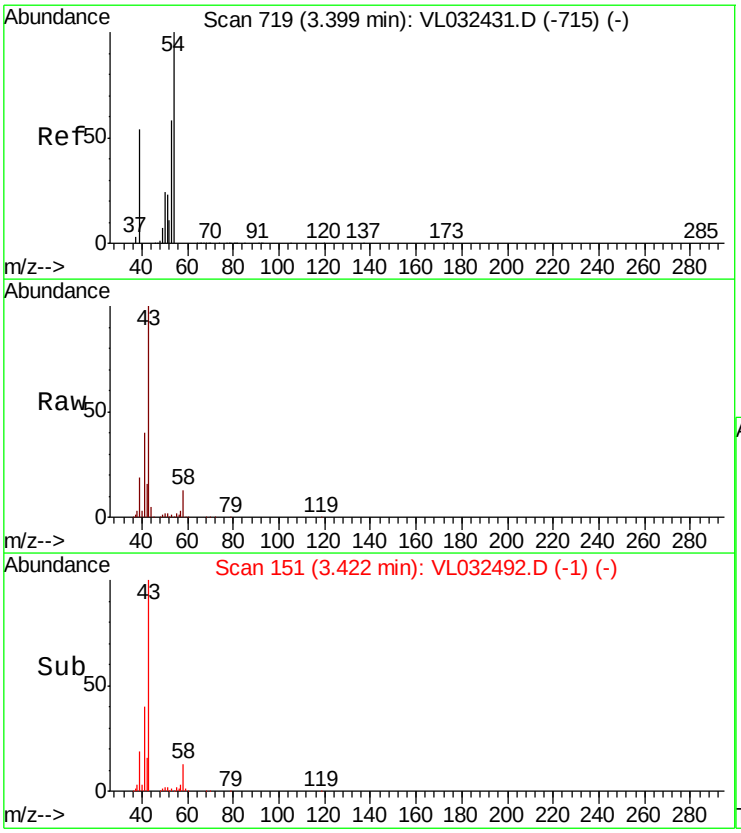
#15
Acetone
Concen: 95.702 ppbv
RT: 3.94 min Scan# 312
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 43 Resp:12664243

Ion	Ratio	Lower	Upper
43	100		
58	42.0	22.6	33.8#

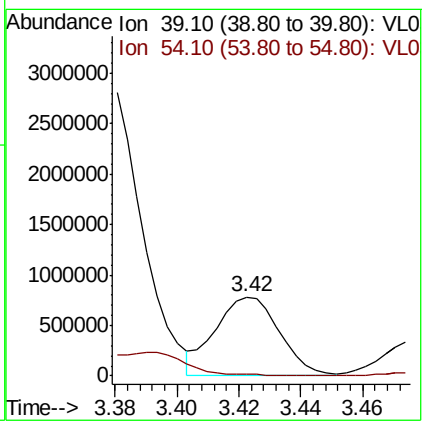


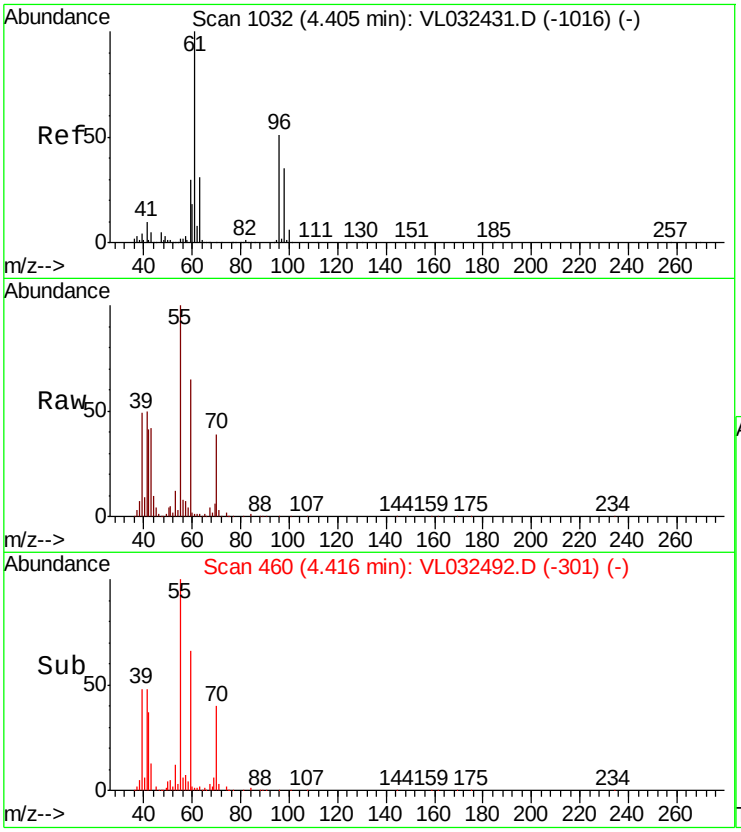


#16
1,3-Butadiene
Concen: 18.277 ppbv
RT: 3.42 min Scan# 151
Delta R.T. 0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 39 Resp: 1138094

Ion	Ratio	Lower	Upper
39	100		
54	0.0	80.8	121.2#



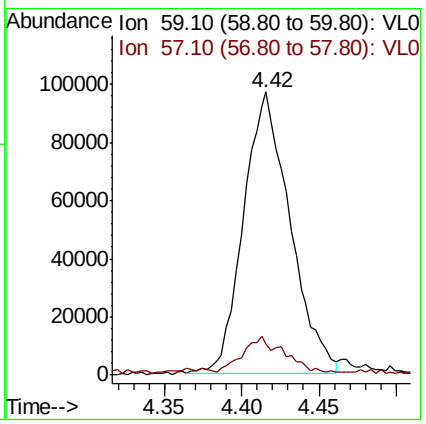


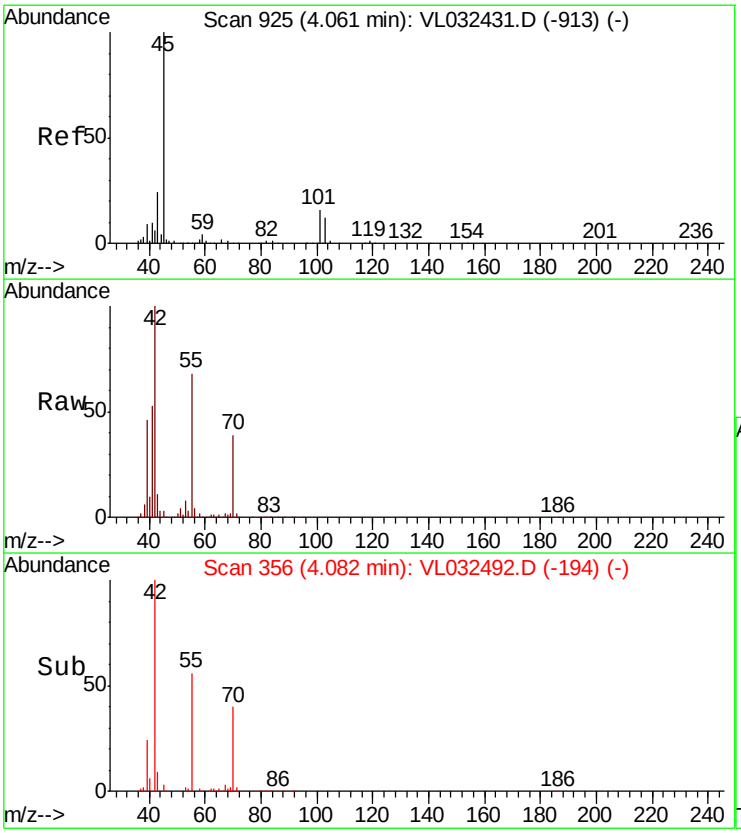
#17
tert-Butyl alcohol
Concen: 9.896 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 59 Resp: 201526

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

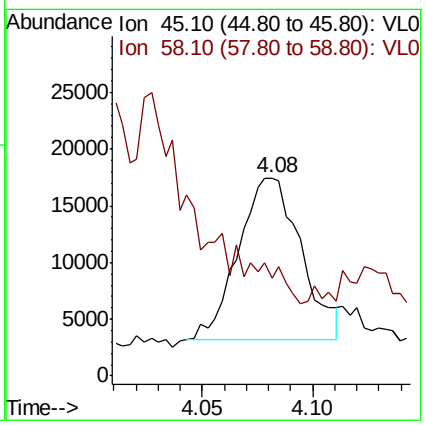


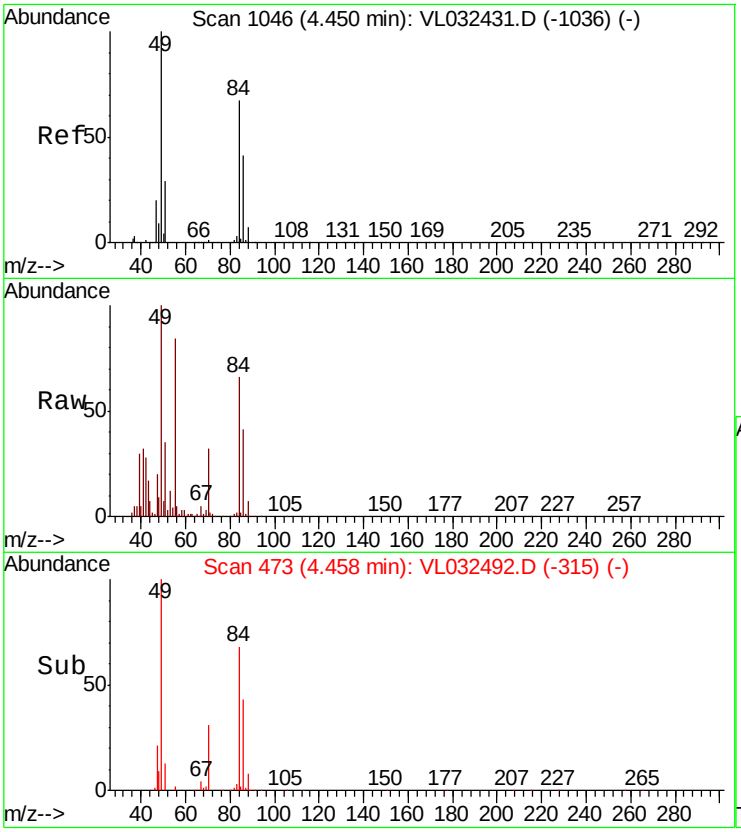


#19
Isopropyl Alcohol
Concen: 0.325 ppbv
RT: 4.08 min Scan# 356
Delta R.T. 0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 45 Resp: 28220

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



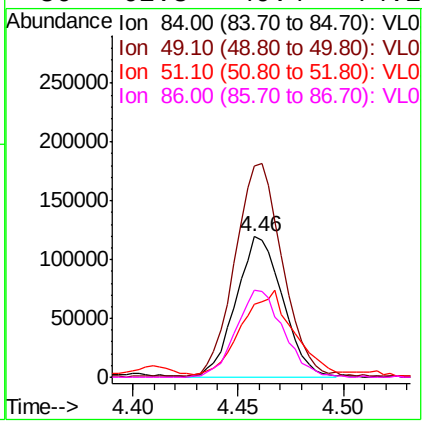


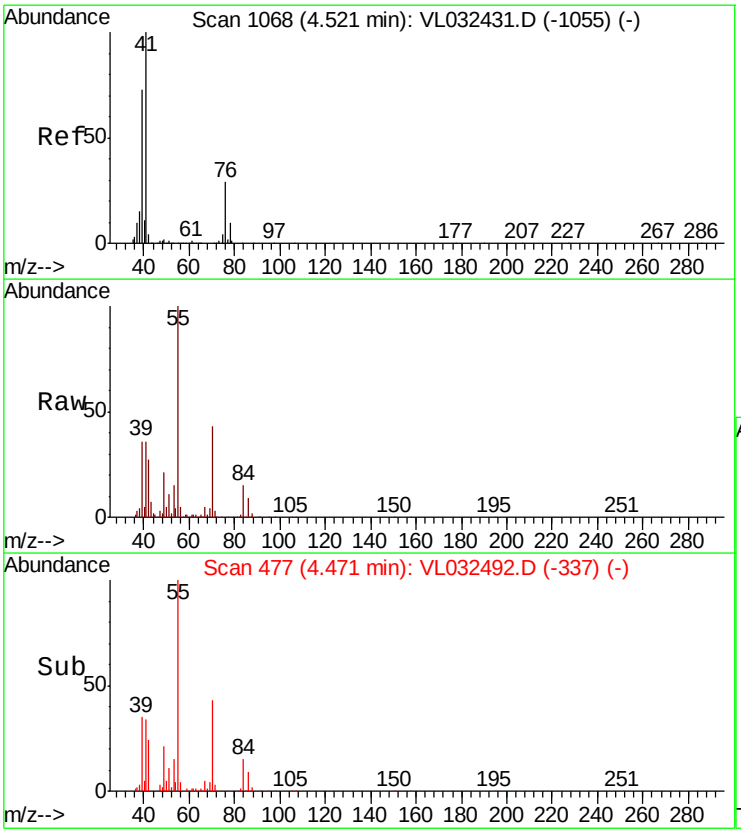
#20
Methylene Chloride
Concen: 3.622 ppbv
RT: 4.46 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 84 Resp: 182780

Ion	Ratio	Lower	Upper
84	100		
49	149.8	119.1	178.7
51	49.7	35.2	52.8
86	62.3	49.4	74.2

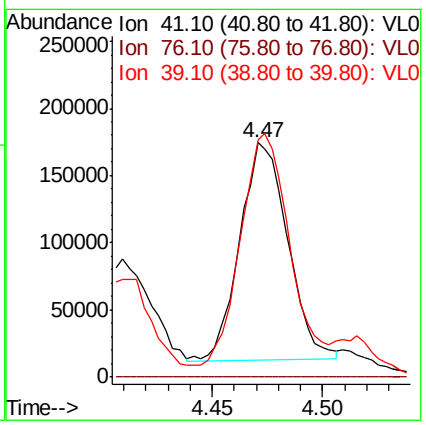


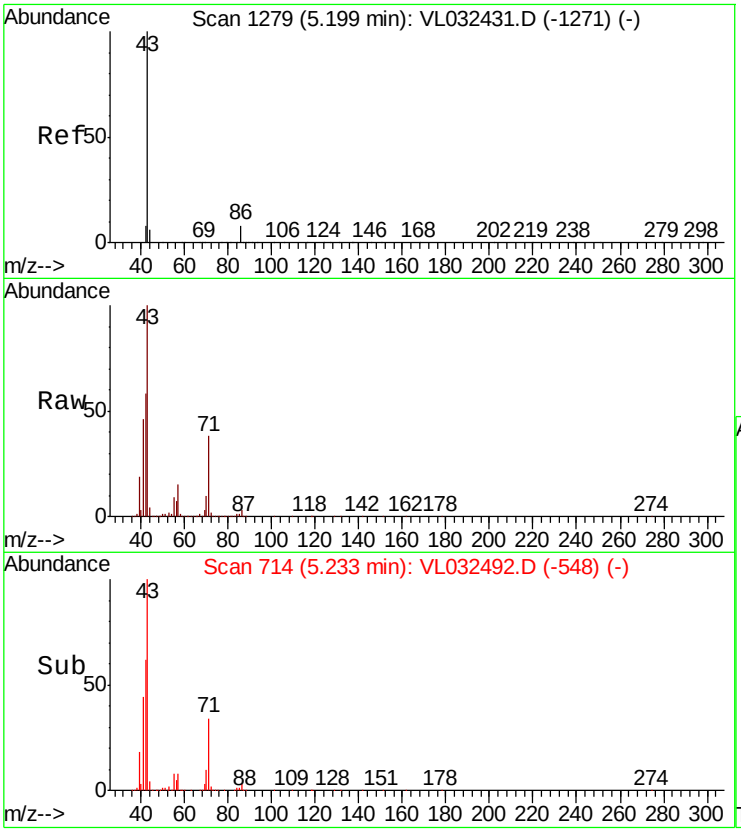


#21
Allyl Chloride
Concen: 2.794 ppbv
RT: 4.47 min Scan# 477
Delta R.T. -0.05 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 41 Resp: 245578

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	129.2	57.7	86.5#



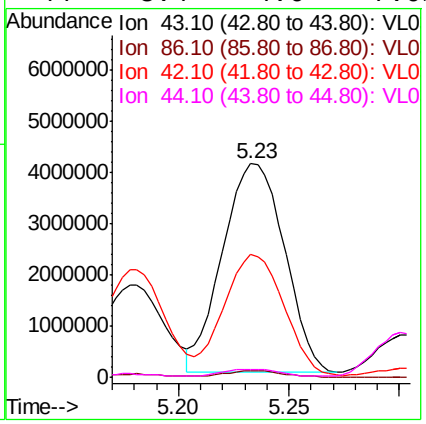


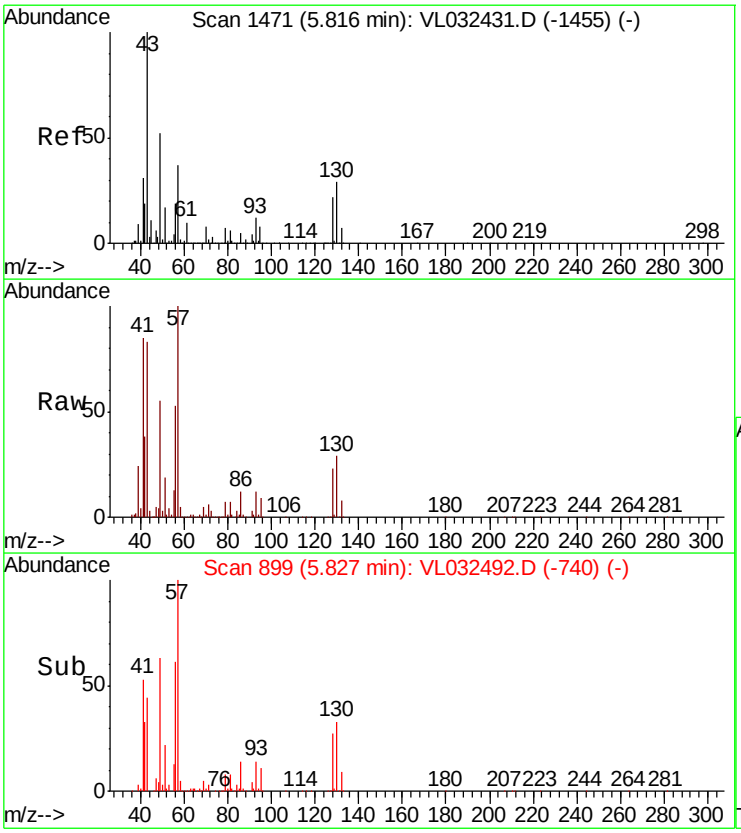
#23
Vinyl Acetate
Concen: 36.293 ppbv
RT: 5.23 min Scan# 714
Delta R.T. 0.03 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 43 Resp: 7960655

Ion	Ratio	Lower	Upper
43	100		
86	3.0	5.9	8.9#
42	58.1	6.9	10.3#
44	3.4	4.6	7.0#

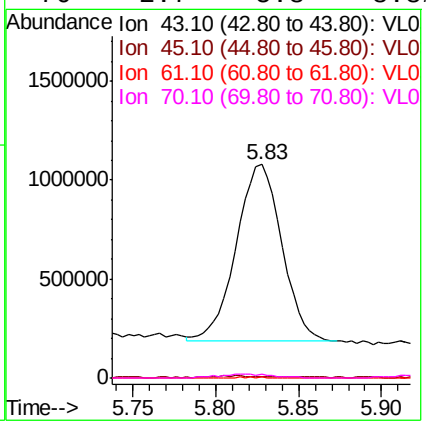


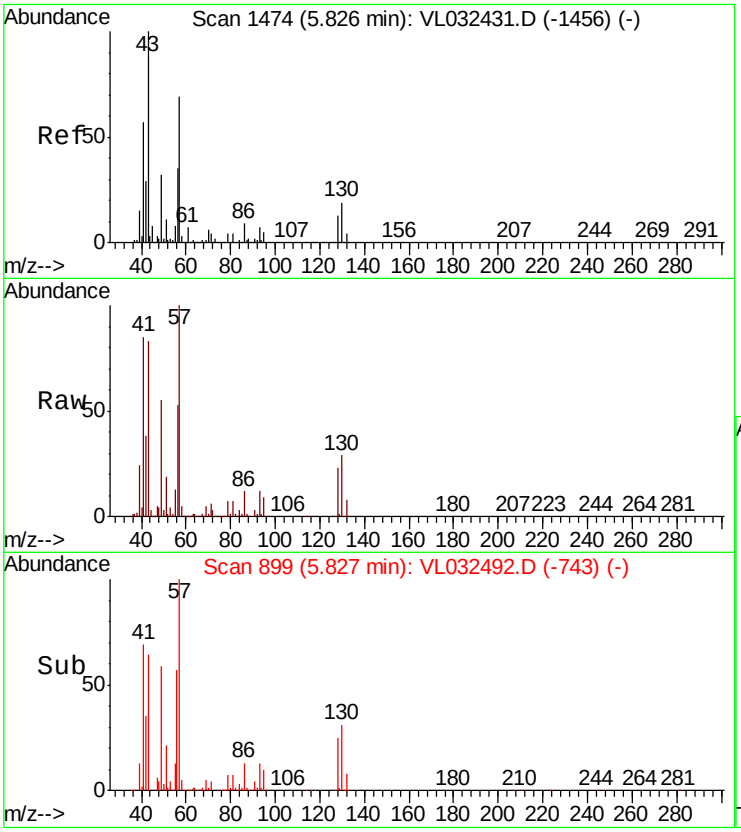


#25
Ethyl Acetate
Concen: 5.469 ppbv
RT: 5.83 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 43 Resp: 1708921

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.0	12.0#
61	0.5	7.6	11.4#
70	2.7	5.8	8.8#



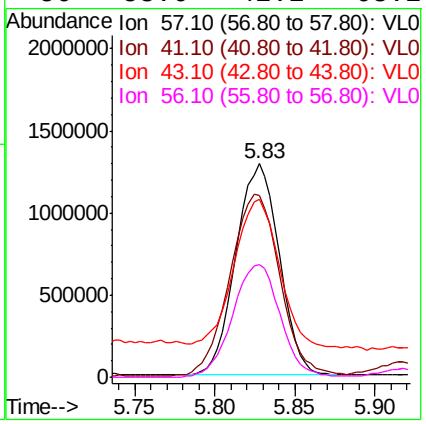


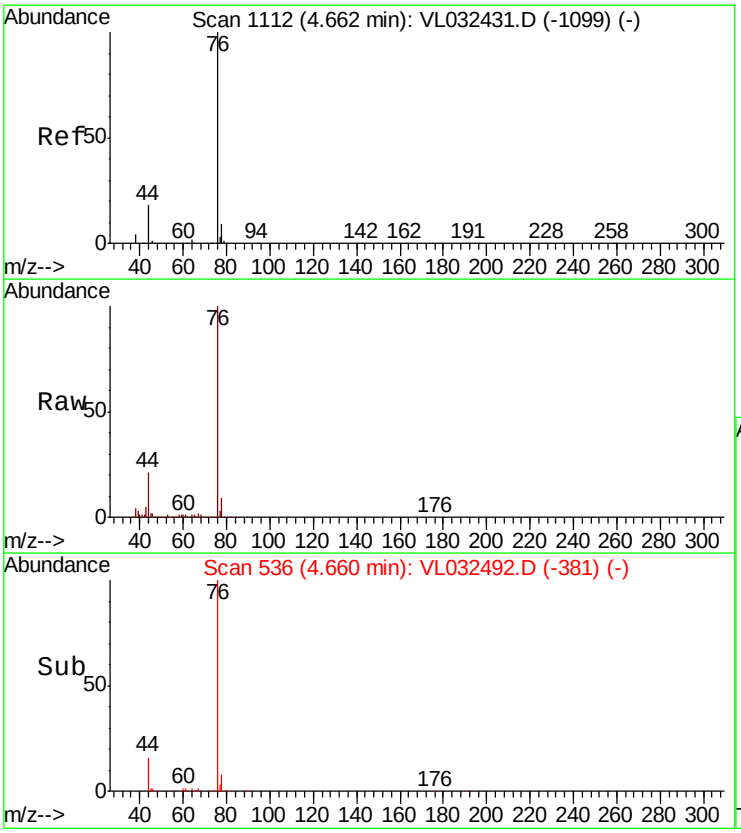
#26
Hexane
Concen: 16.990 ppbv
RT: 5.83 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 57 Resp: 2377357

Ion	Ratio	Lower	Upper
57	100		
41	100.0	69.0	103.4
43	80.7	172.1	258.1#
56	58.6	42.2	63.2

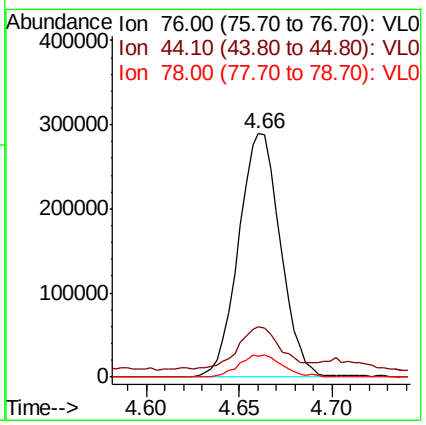


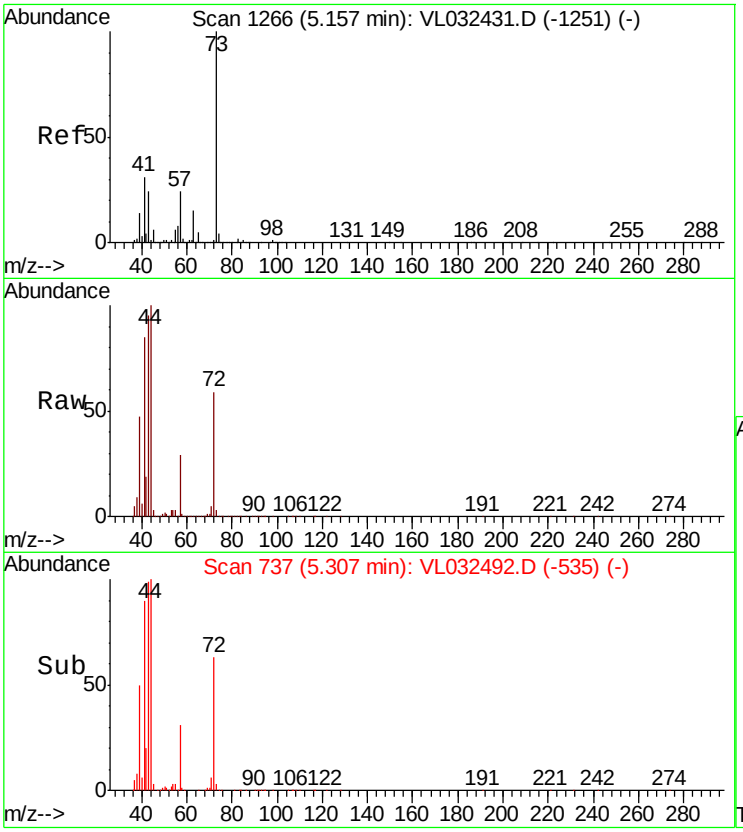


#27
Carbon Disulfide
Concen: 3.509 ppbv
RT: 4.66 min Scan# 536
Delta R.T. -0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 76 Resp: 453235

Ion	Ratio	Lower	Upper
76	100		
44	19.8	14.0	21.0
78	9.9	7.5	11.3



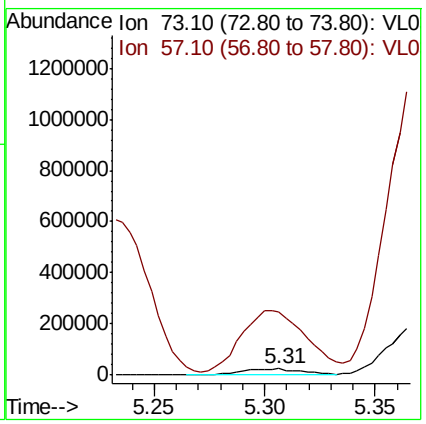


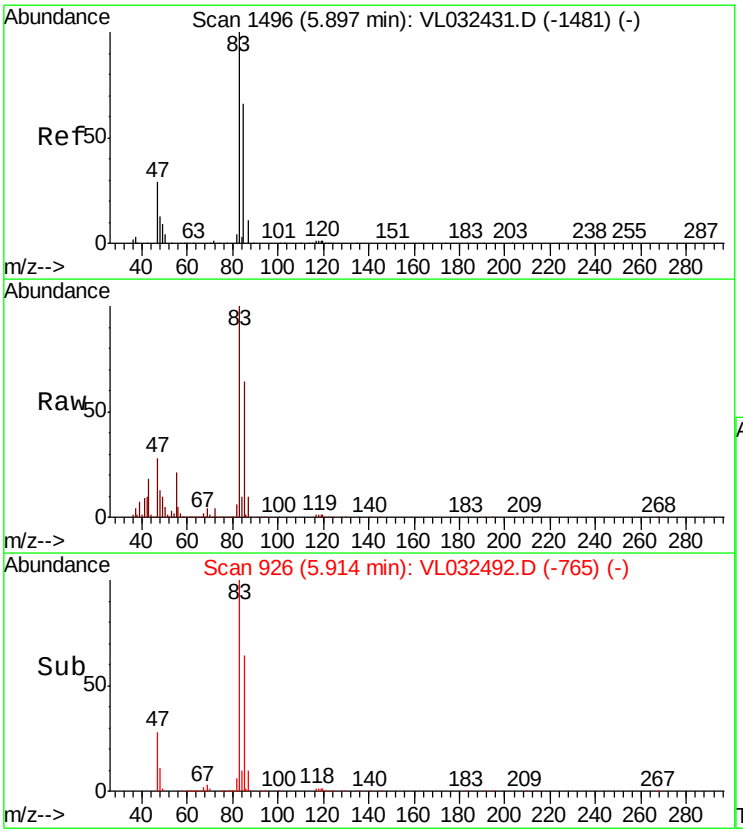
#28
Methyl tert-Butyl Ether
Concen: 0.268 ppbv
RT: 5.31 min Scan# 737
Delta R.T. 0.15 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 73 Resp: 46115

Ion	Ratio	Lower	Upper
73	100		
57	1059.6	19.3	28.9#

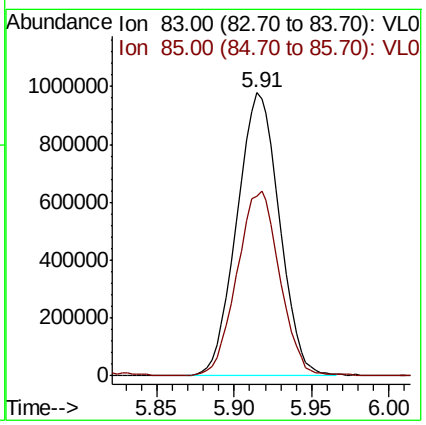


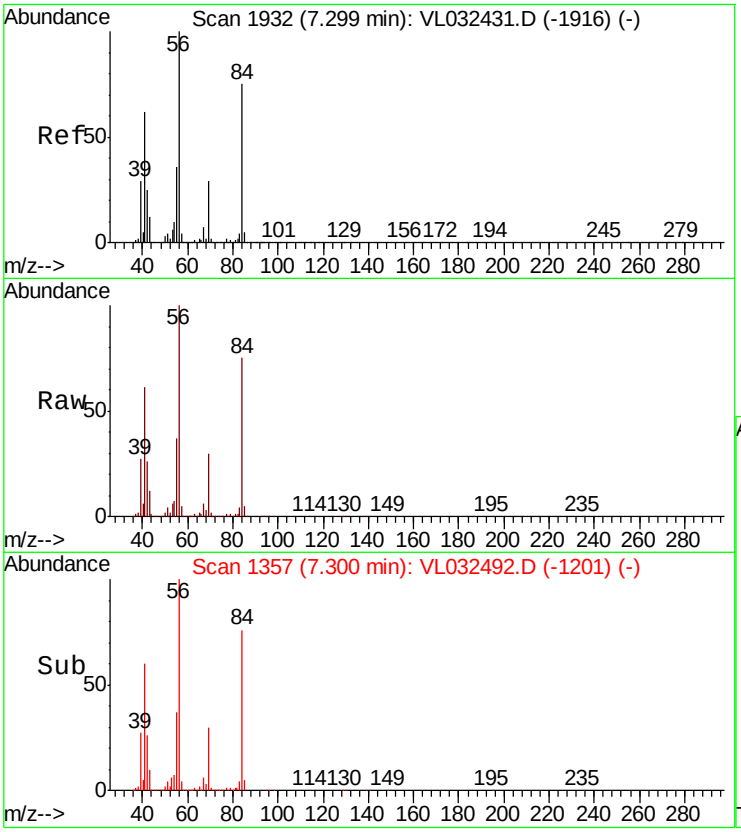


#29
Chloroform
Concen: 8.744 ppbv
RT: 5.91 min Scan# 926
Delta R.T. 0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 83 Resp: 1865585

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7



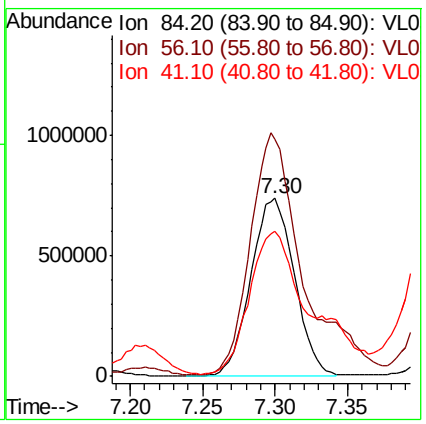


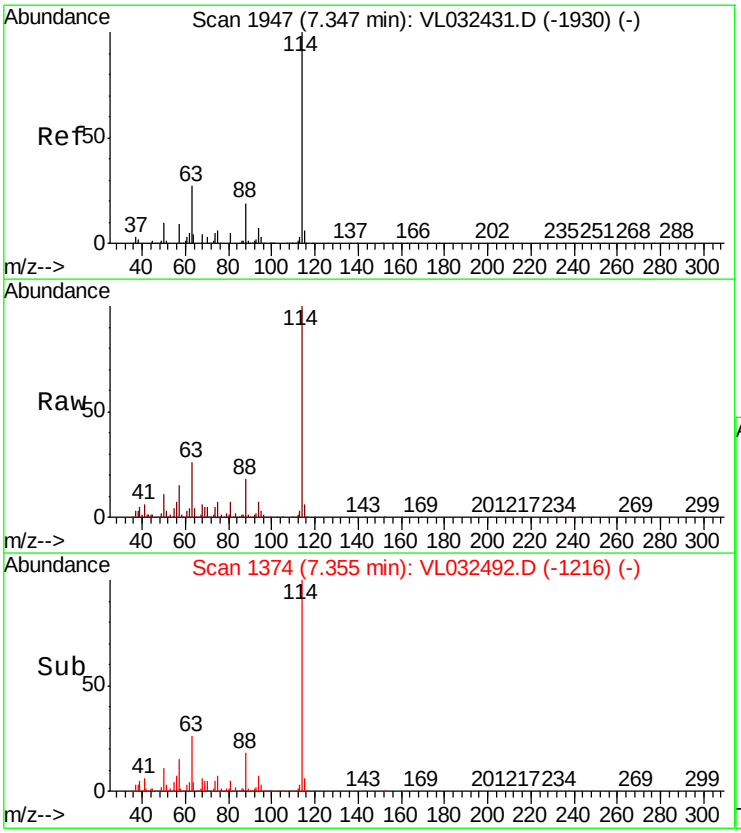
#30
Cyclohexane
Concen: 15.101 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 84 Resp: 1547181

Ion	Ratio	Lower	Upper
84	100		
56	163.9	113.5	170.3
41	112.1	68.1	102.1#

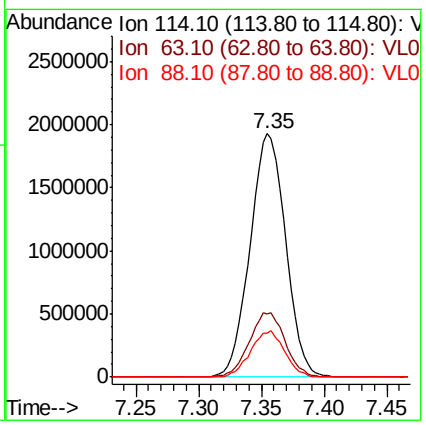


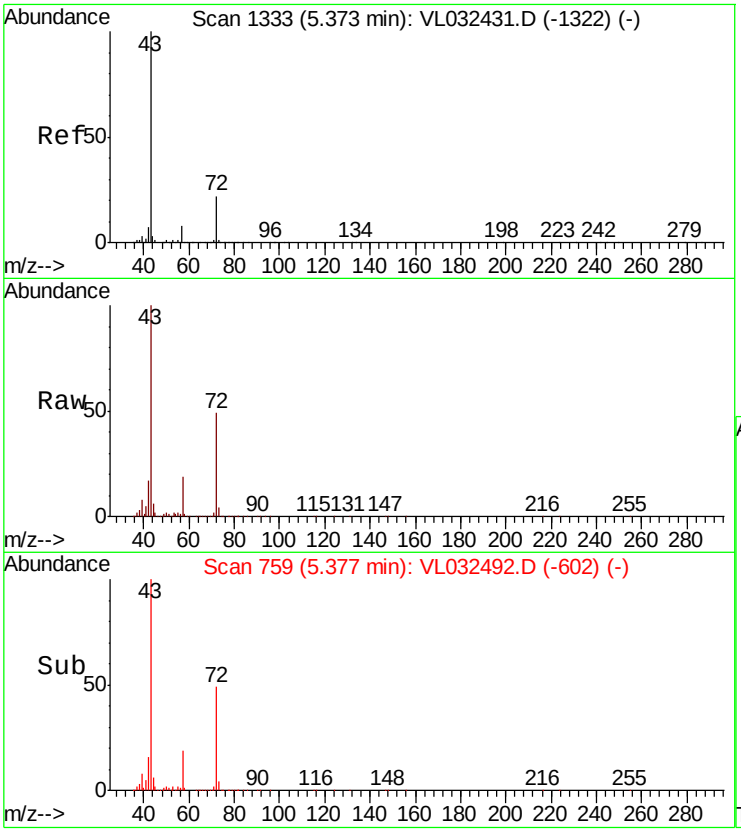


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1374
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:114 Resp: 3808203

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.5	15.0	22.4



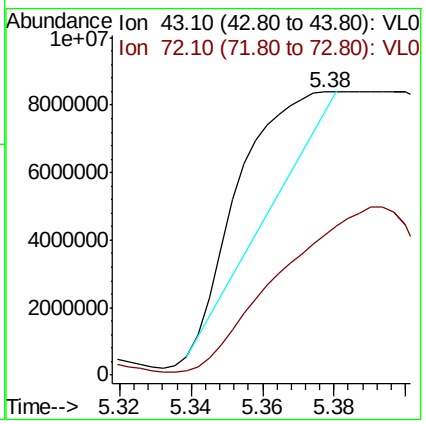


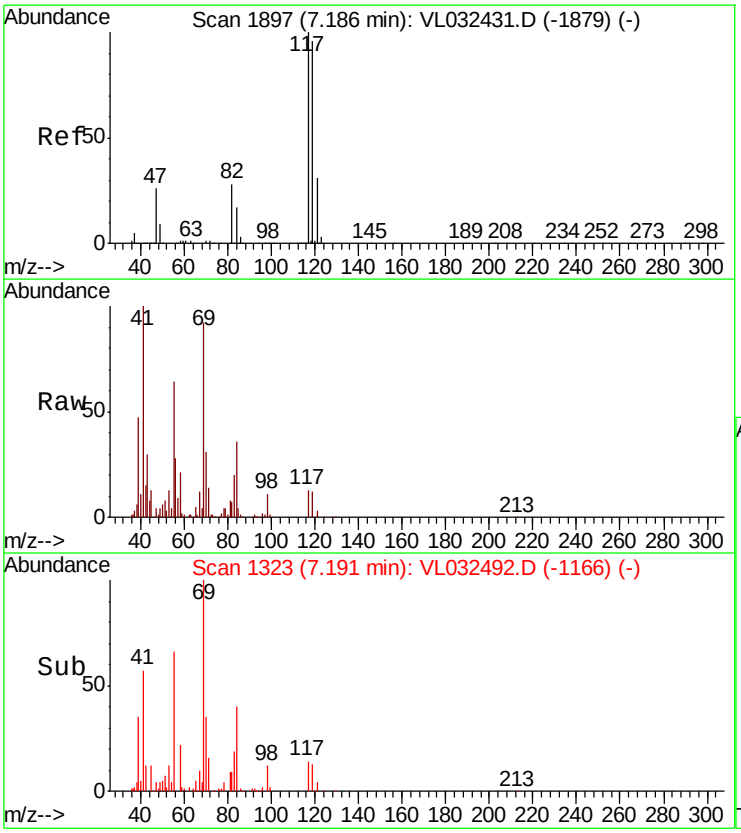
#34
2-Butanone
Concen: 18.620 ppbv
RT: 5.38 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 43 Resp: 4710089

Ion	Ratio	Lower	Upper
43	100		
72	295.5	17.8	26.6#

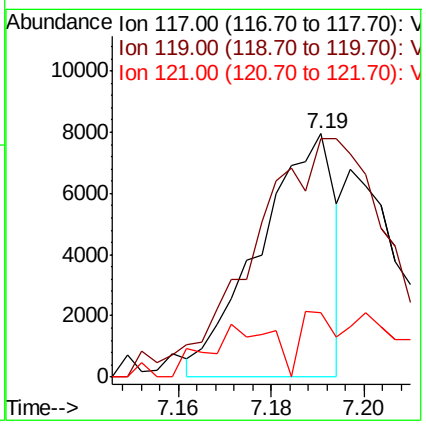


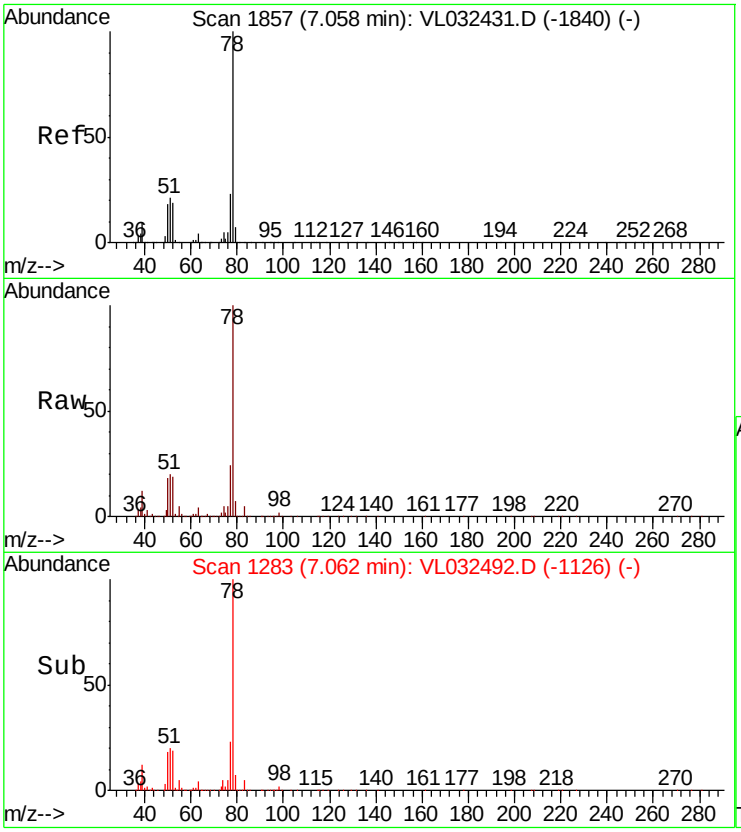


#35
Carbon Tetrachloride
Concen: 0.035 ppbv
RT: 7.19 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:117 Resp: 8981

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.6	115.0
121	16.1	24.6	36.8#



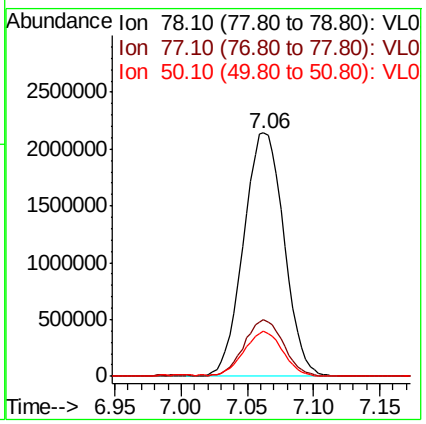


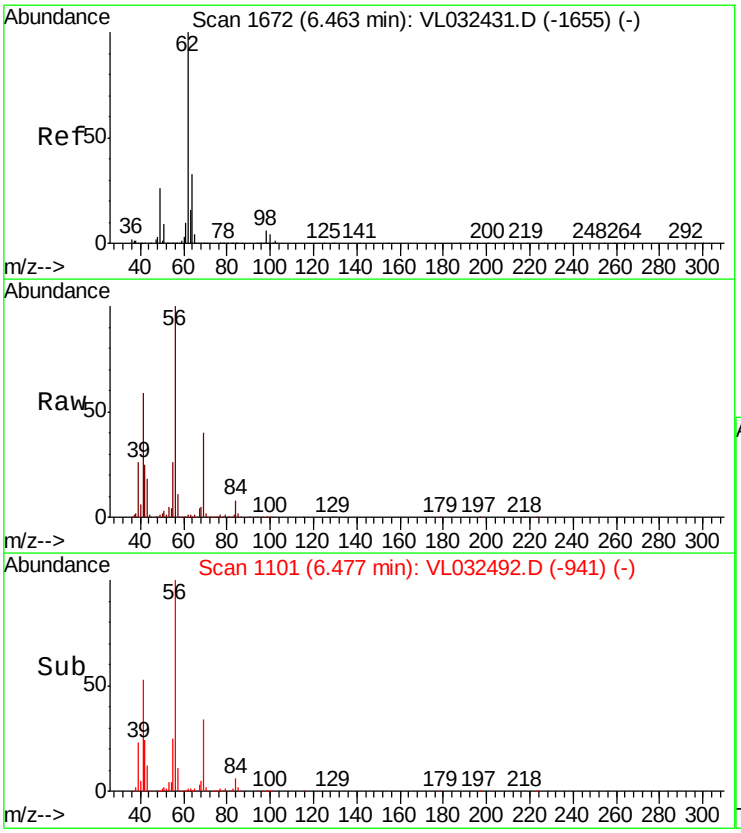
#36
Benzene
Concen: 14.024 ppbv
RT: 7.06 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 78 Resp: 4544830

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.4	27.6
50	18.2	14.4	21.6

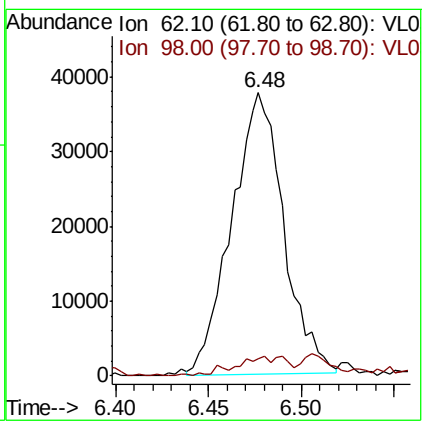


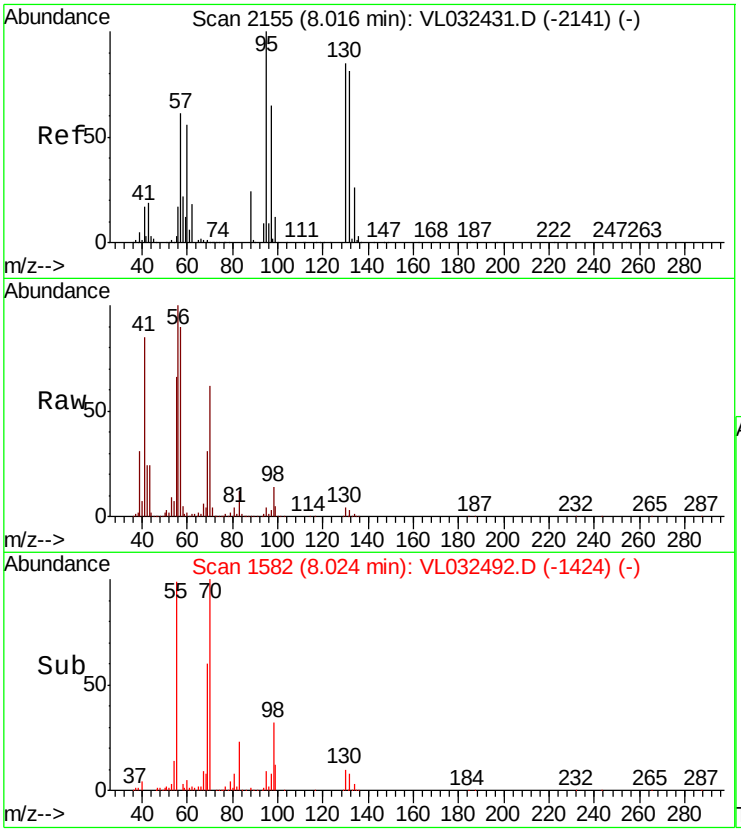


#37
1,2-Dichloroethane
Concen: 0.372 ppbv
RT: 6.48 min Scan# 1101
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 62 Resp: 73866

Ion	Ratio	Lower	Upper
62	100		
98	11.7	5.0	7.6#



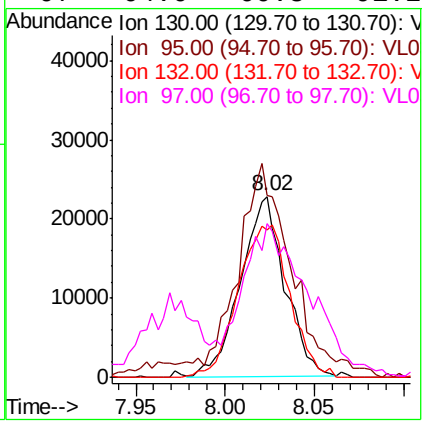


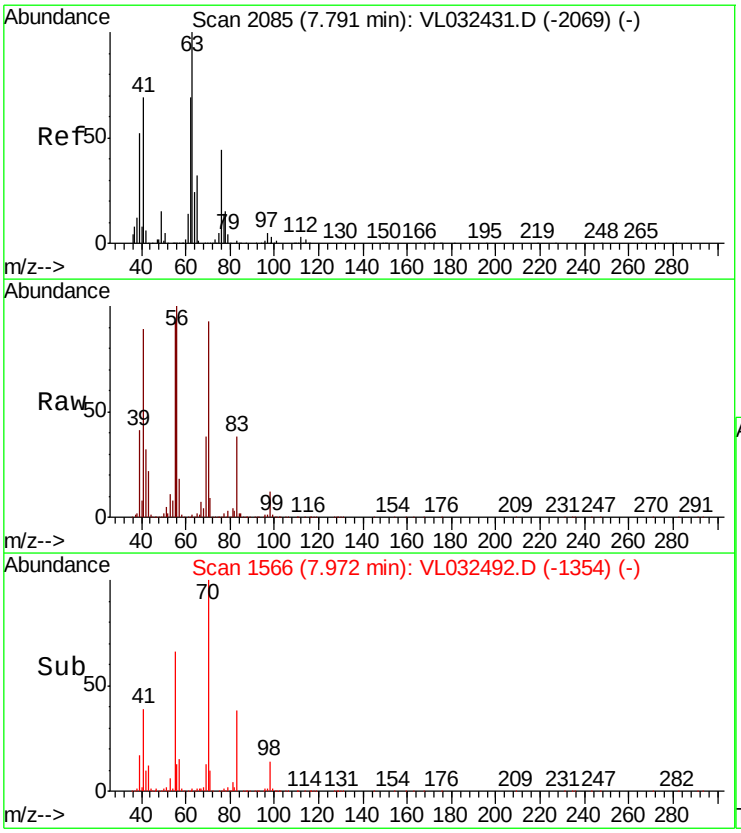
#38
Trichloroethene
Concen: 0.322 ppbv
RT: 8.02 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion:130 Resp: 39606

Ion	Ratio	Lower	Upper
130	100		
95	92.7	94.2	141.4#
132	82.0	76.2	114.4
97	64.0	60.8	91.2

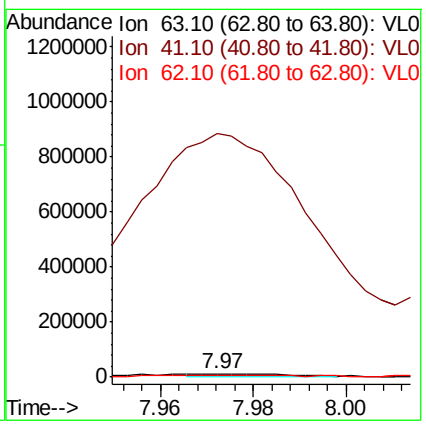


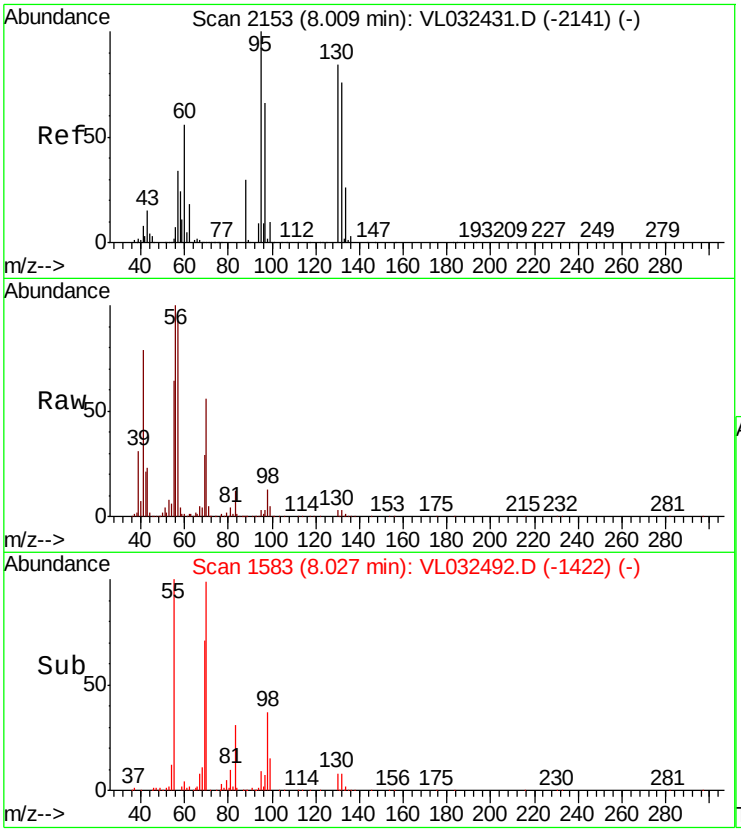


#39
1,2-Dichloropropane
Concen: 0.073 ppbv
RT: 7.97 min Scan# 1566
Delta R.T. 0.18 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 63 Resp: 10100

Ion	Ratio	Lower	Upper
63	100		
41	5586.9	55.4	83.0#
62	1.8	55.4	83.0#



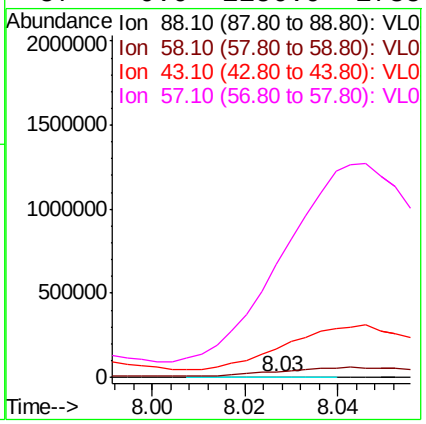


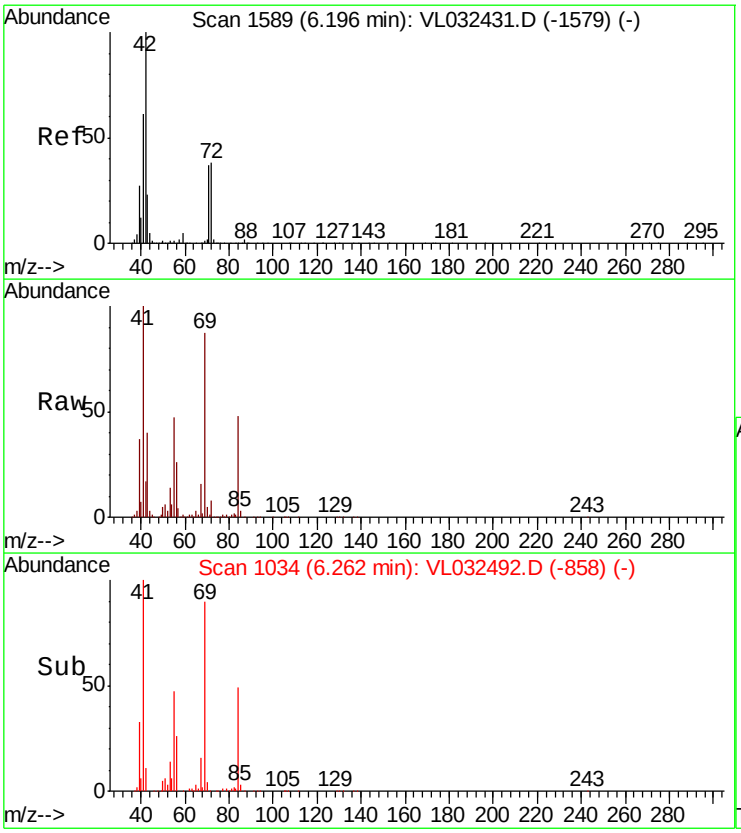
#40
1,4-Dioxane
Concen: 0.046 ppbv
RT: 8.03 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 88 Resp: 1912

Ion	Ratio	Lower	Upper
88	100		
58	0.0	119.7	179.5#
43	0.0	253.0	379.4#
57	0.0	1156.9	1735.3#

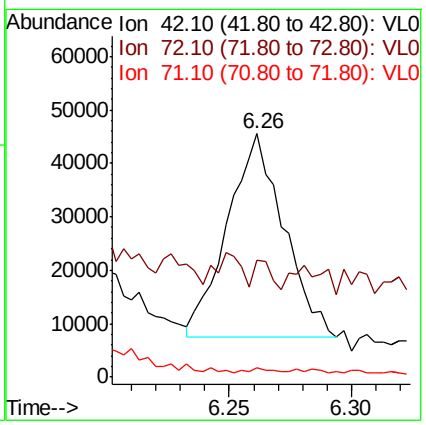


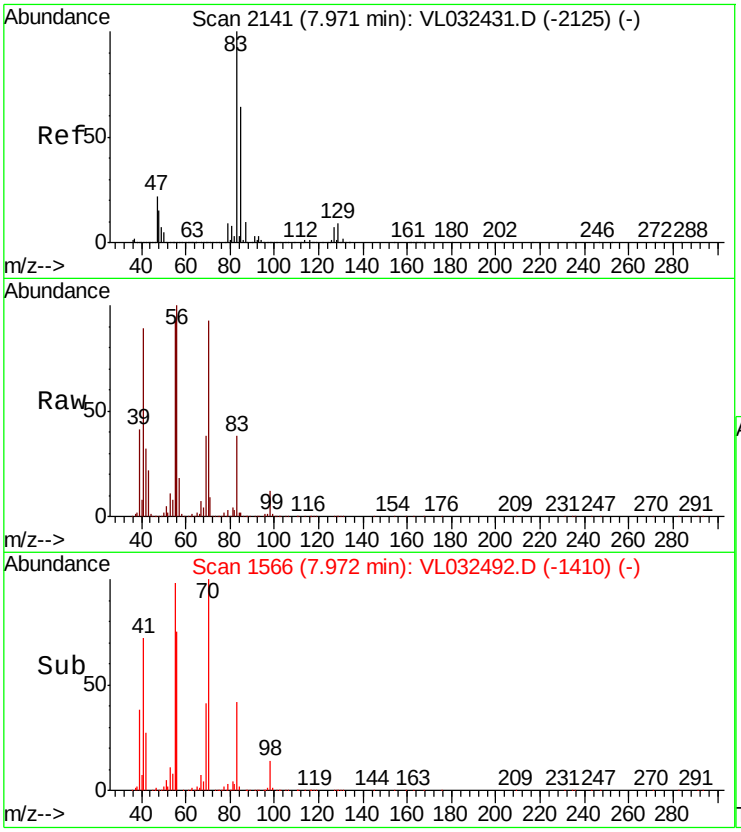


#41
Tetrahydrofuran
Concen: 0.442 ppbv
RT: 6.26 min Scan# 1034
Delta R.T. 0.07 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 42 Resp: 60871

Ion	Ratio	Lower	Upper
42	100		
72	12.2	29.5	44.3#
71	0.0	28.3	42.5#



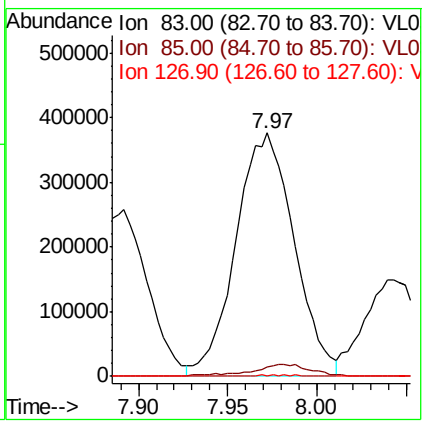


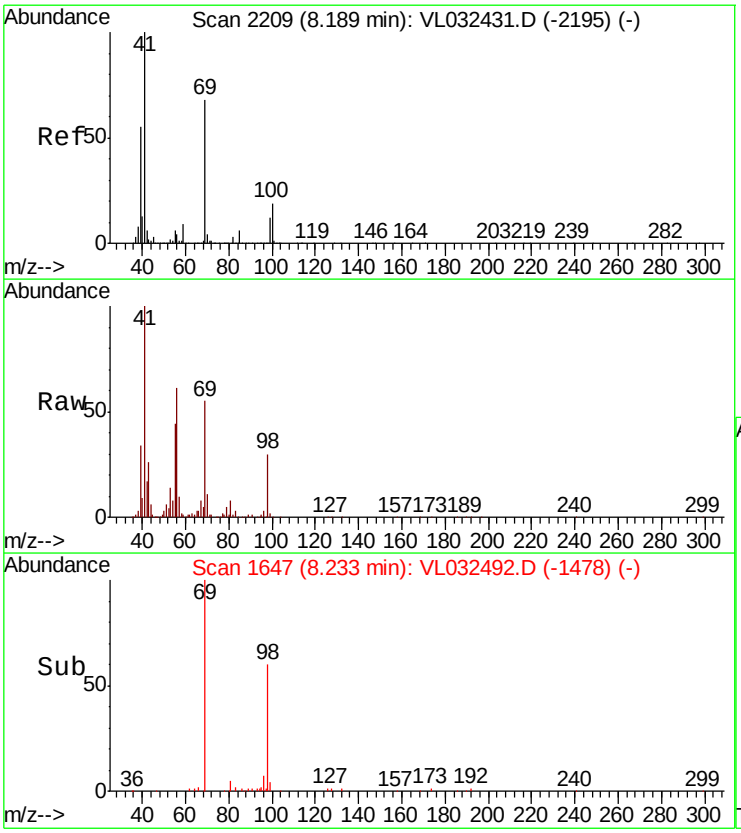
#42
Bromodichloromethane
Concen: 3.110 ppbv
RT: 7.97 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 83 Resp: 852036

Ion	Ratio	Lower	Upper
83	100		
85	3.8	51.1	76.7#
127	0.4	5.8	8.8#

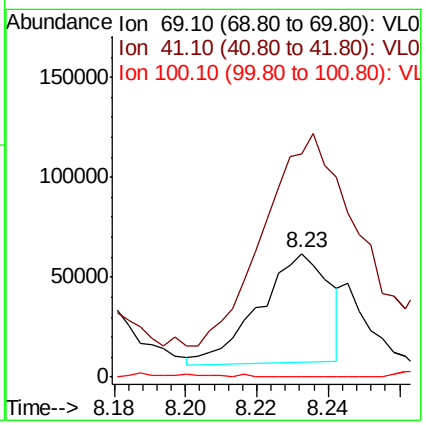


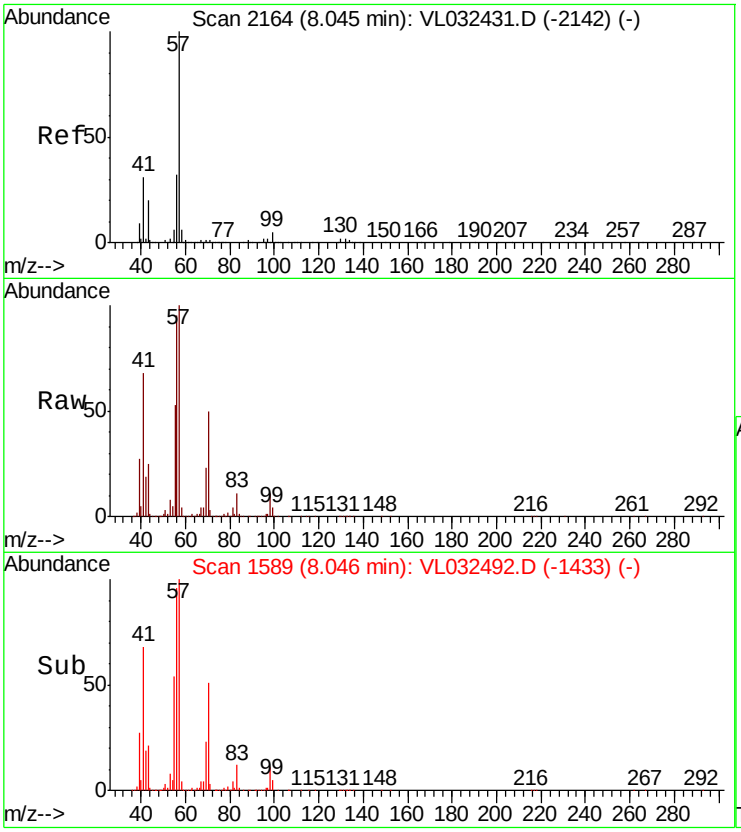


#43
Methyl Methacrylate
Concen: 0.544 ppbv
RT: 8.23 min Scan# 1647
Delta R.T. 0.04 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 69 Resp: 74816

Ion	Ratio	Lower	Upper
69	100		
41	265.6	117.1	175.7#
100	0.0	23.4	35.2#



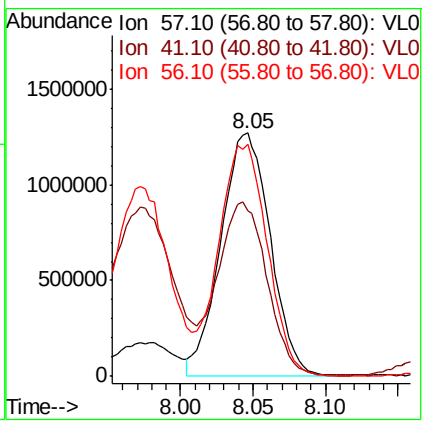


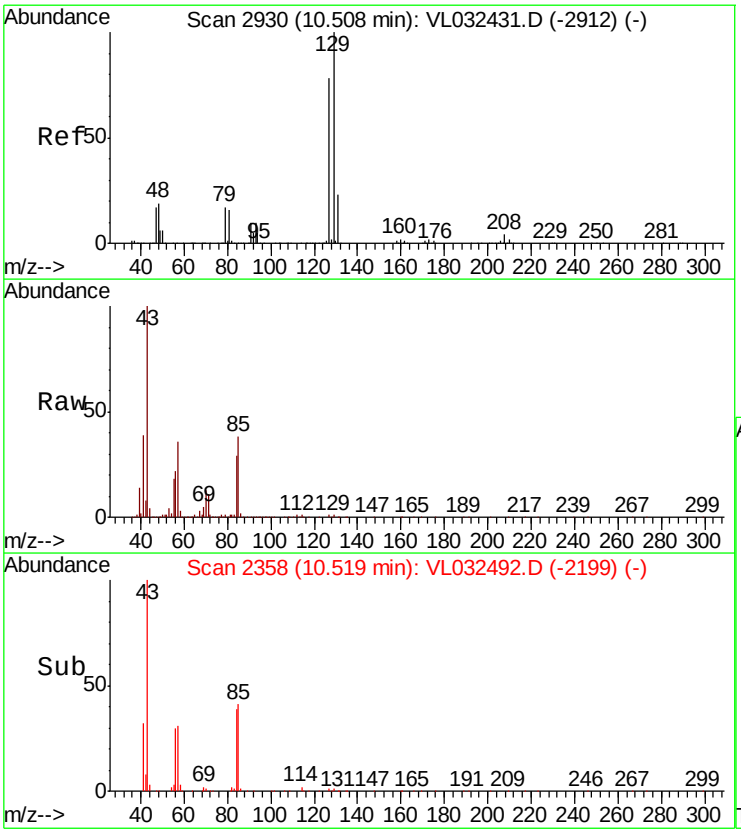
#44
2,2,4-Trimethylpentane
Concen: 4.779 ppbv
RT: 8.05 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 57 Resp: 2994312

Ion	Ratio	Lower	Upper
57	100		
41	73.0	24.4	36.6#
56	95.1	25.7	38.5#

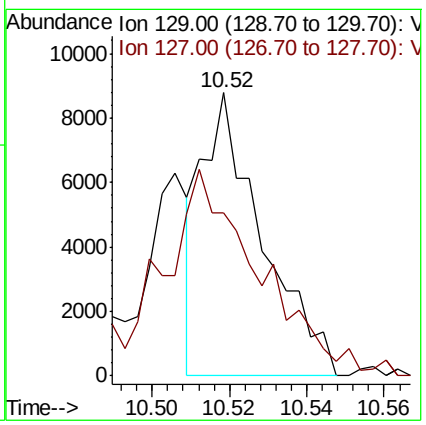


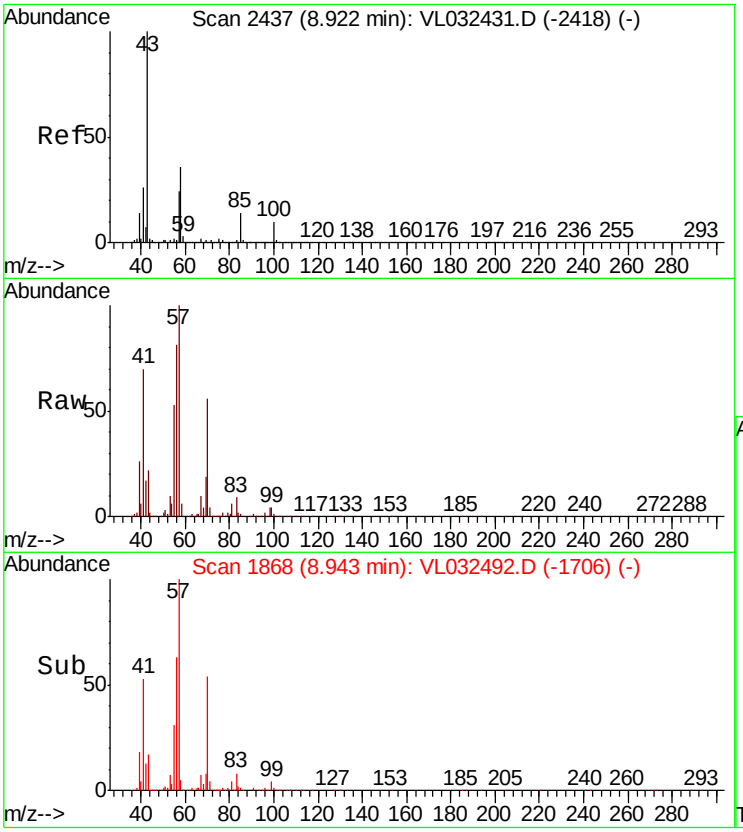


#48
Dibromochloromethane
Concen: 0.047 ppbv
RT: 10.52 min Scan# 2358
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:129 Resp: 9558

Ion	Ratio	Lower	Upper
129	100		
127	126.1	39.5	118.3#



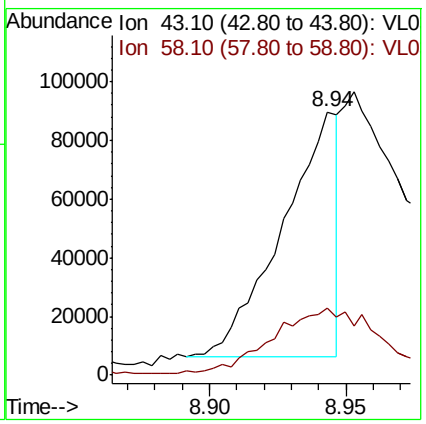


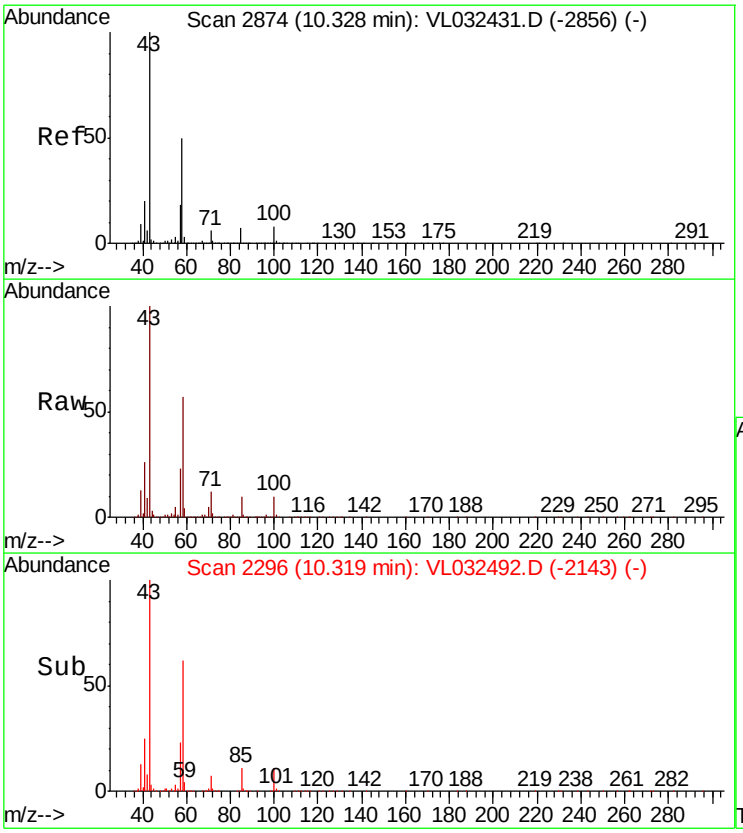
#50
4-Methyl-2-Pentanone
Concen: 0.309 ppbv
RT: 8.94 min Scan# 1868
Delta R.T. 0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 43 Resp: 117607

Ion	Ratio	Lower	Upper
43	100		
58	54.8	29.0	43.4#

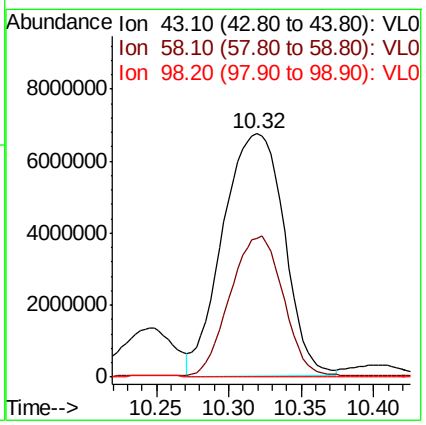


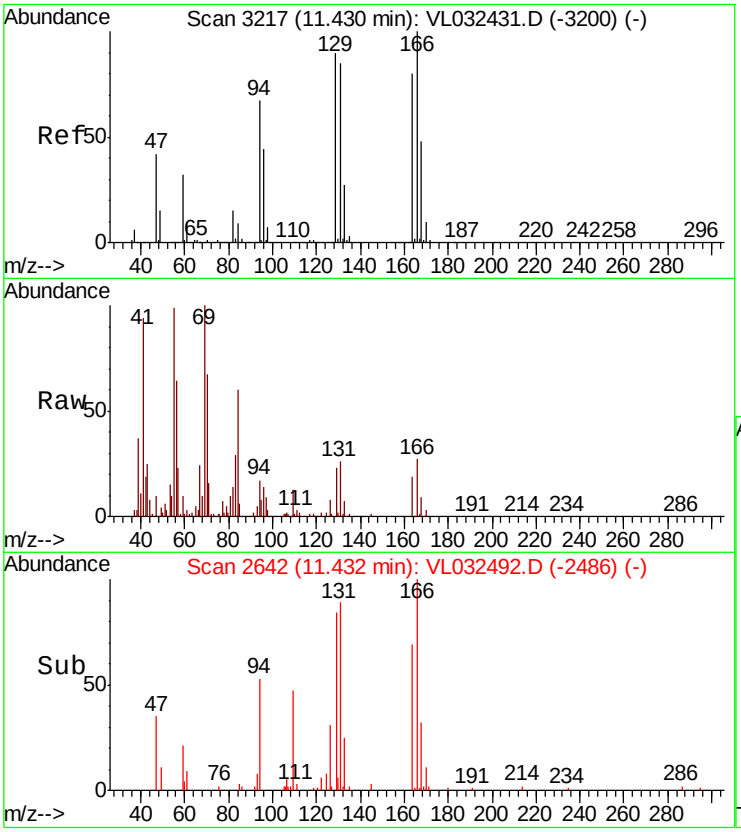


#51
2-Hexanone
Concen: 81.040 ppbv
RT: 10.32 min Scan# 2296
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 43 Resp:19890458

Ion	Ratio	Lower	Upper
43	100		
58	51.4	39.2	58.8
98	0.0	0.4	0.6#



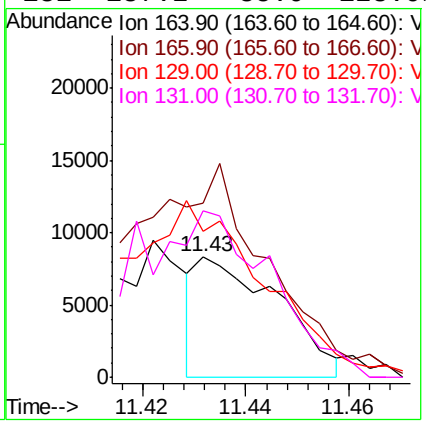


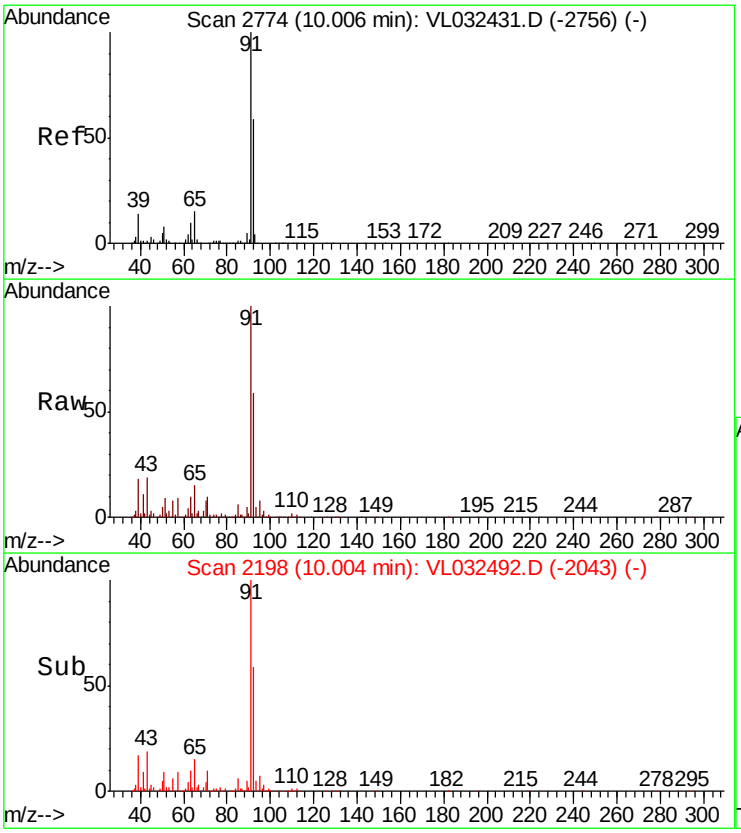
#52
Tetrachloroethene
Concen: 0.091 ppbv
RT: 11.43 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion:164 Resp: 9116

Ion	Ratio	Lower	Upper
164	100		
166	144.0	100.6	150.8
129	120.9	89.9	134.9
131	137.2	85.9	128.9#

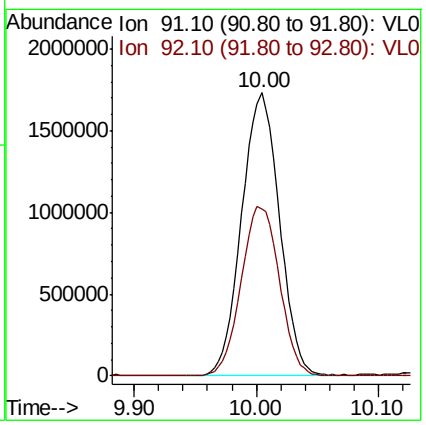


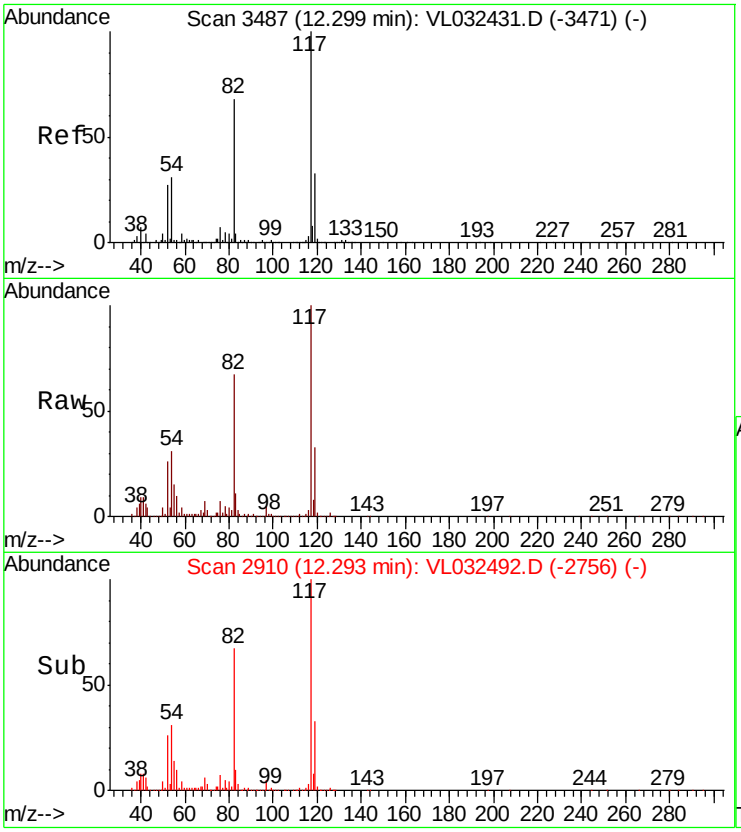


#53
Toluene
Concen: 10.896 ppbv
RT: 10.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 91 Resp: 3691162

Ion	Ratio	Lower	Upper
91	100		
92	61.1	48.1	72.1



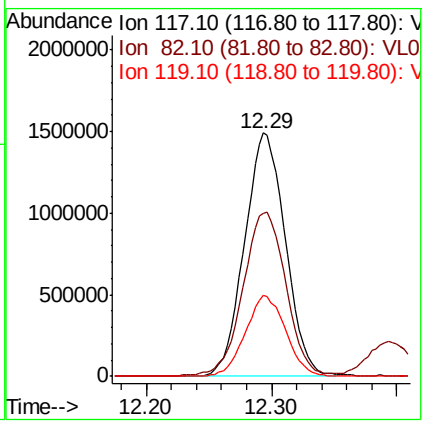


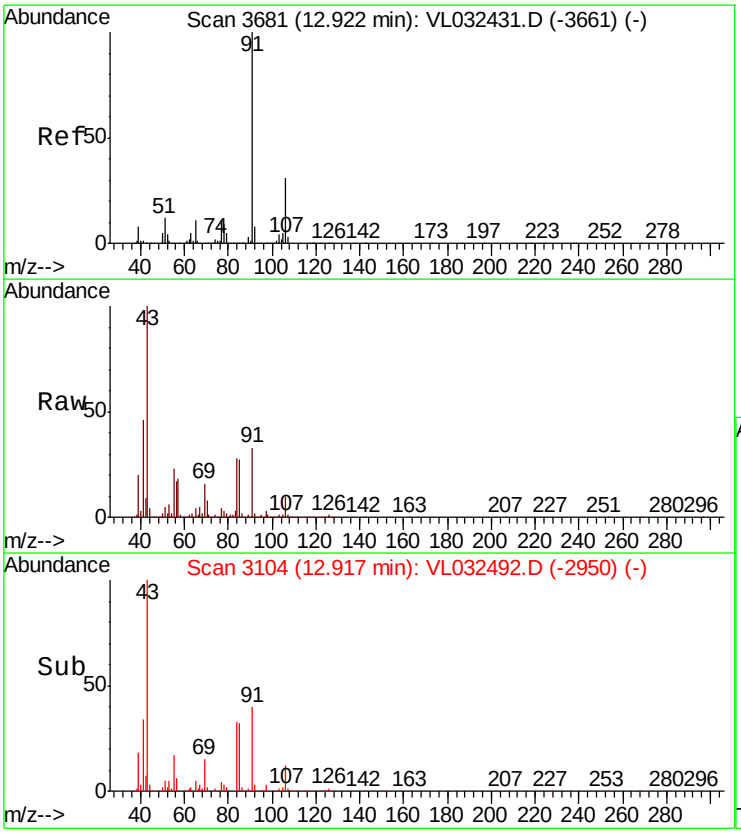
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion:117 Resp: 3374643

Ion	Ratio	Lower	Upper
117	100		
82	70.5	53.0	79.6
119	33.0	45.9	68.9#

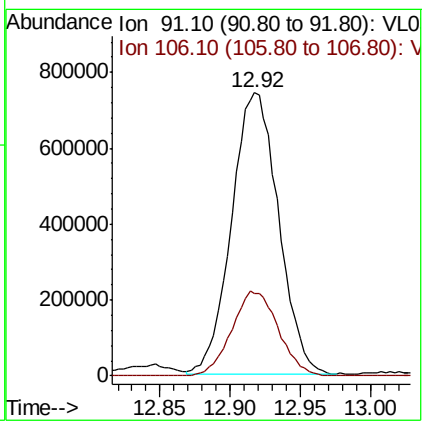


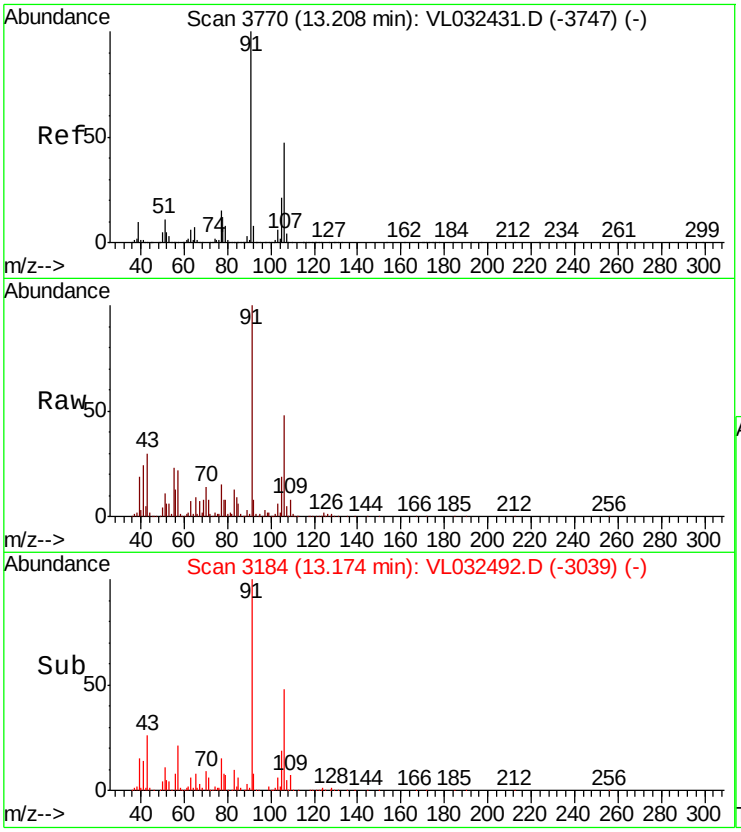


#58
Ethyl Benzene
Concen: 4.269 ppbv
RT: 12.92 min Scan# 3104
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 91 Resp: 1723936

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.8	37.2



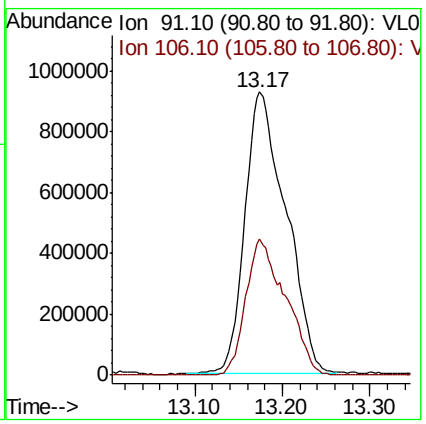


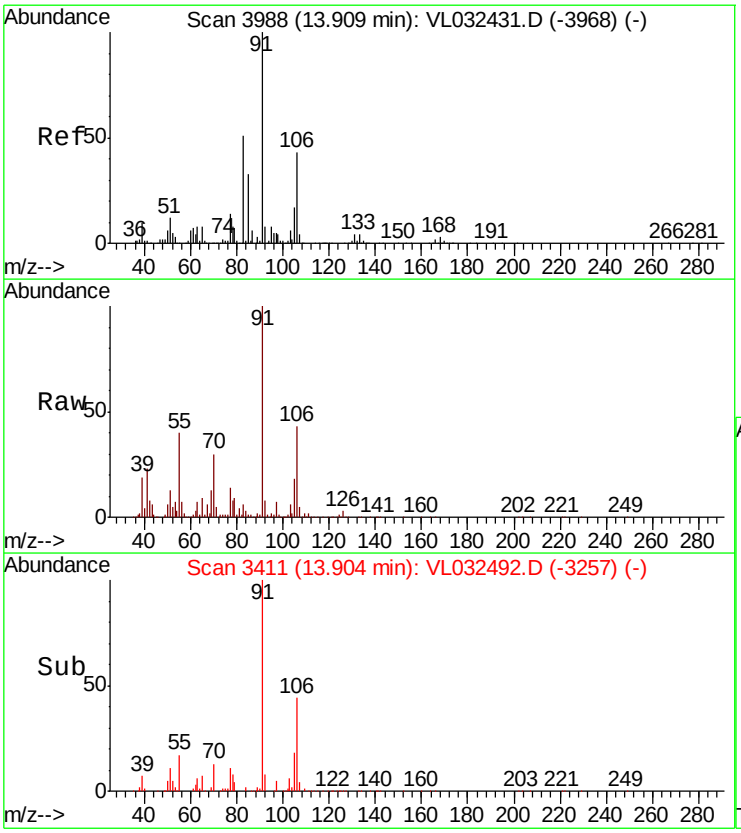
#59
m/p-Xylene
Concen: 8.396 ppbv
RT: 13.17 min Scan# 3184
Delta R.T. -0.03 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 91 Resp: 3022910

Ion	Ratio	Lower	Upper
91	100		
106	47.0	36.6	55.0

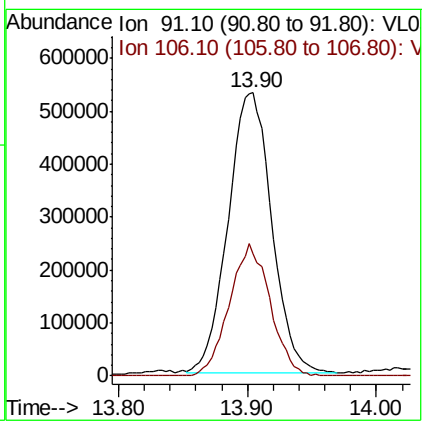


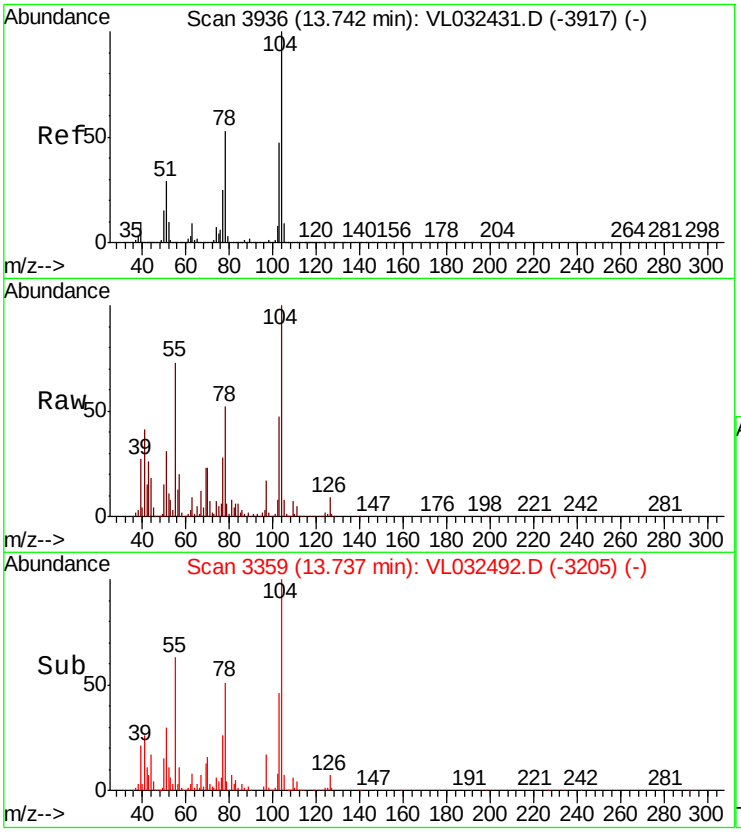


#60
o-Xylene
Concen: 3.532 ppbv
RT: 13.90 min Scan# 3411
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 91 Resp: 1249219

Ion	Ratio	Lower	Upper
91	100		
106	43.9	21.9	65.7



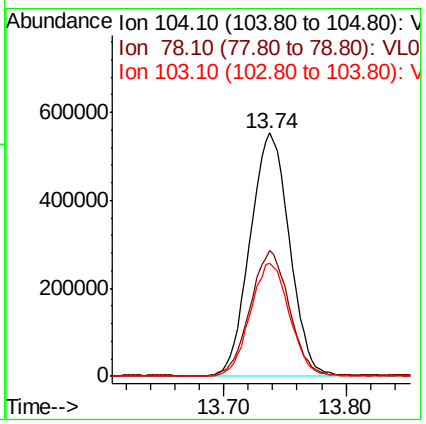


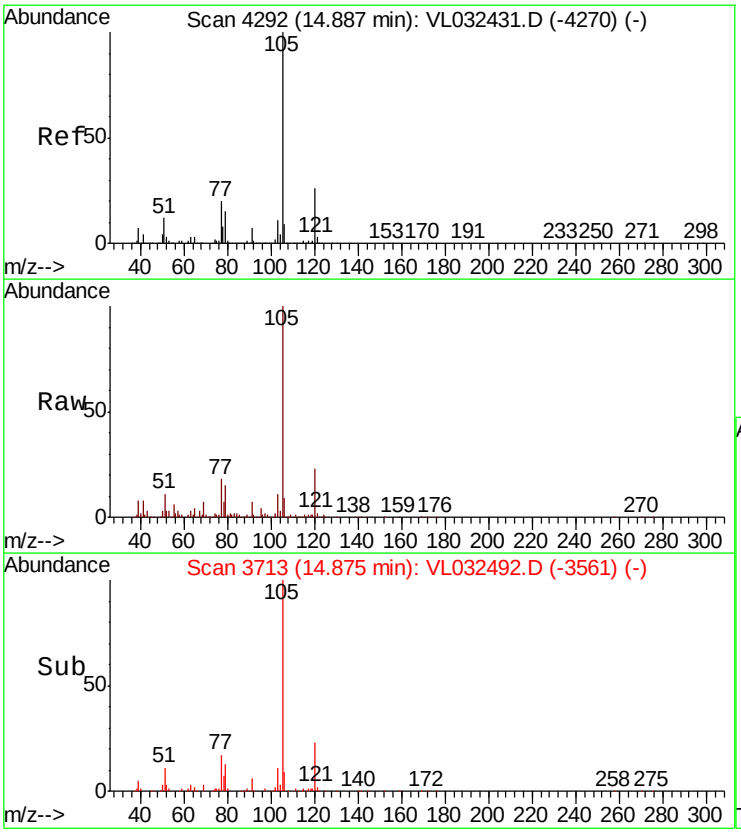
#61
Styrene
Concen: 5.399 ppbv
RT: 13.74 min Scan# 3359
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion:104 Resp: 1236179

Ion	Ratio	Lower	Upper
104	100		
78	50.8	41.8	62.8
103	46.2	38.0	57.0

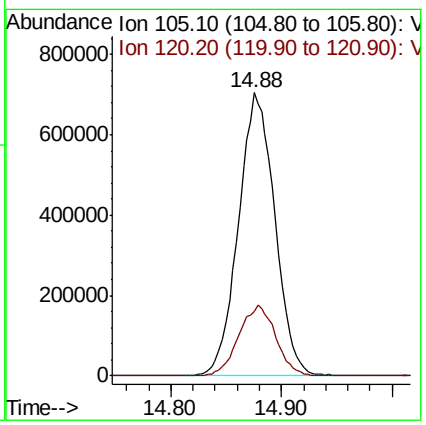


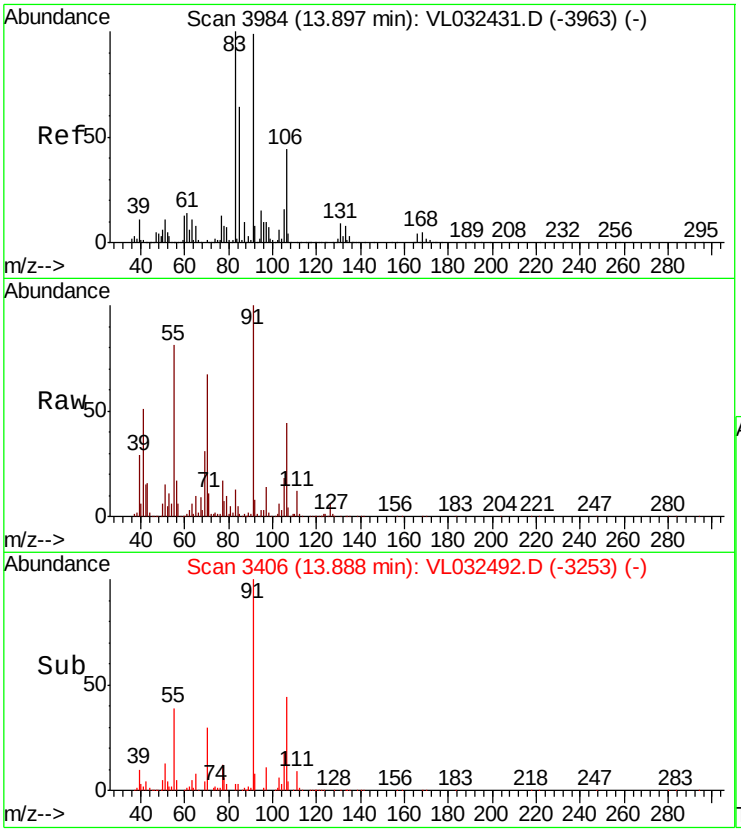


#62
Isopropylbenzene
Concen: 3.218 ppbv
RT: 14.88 min Scan# 3713
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:105 Resp: 1599930

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0



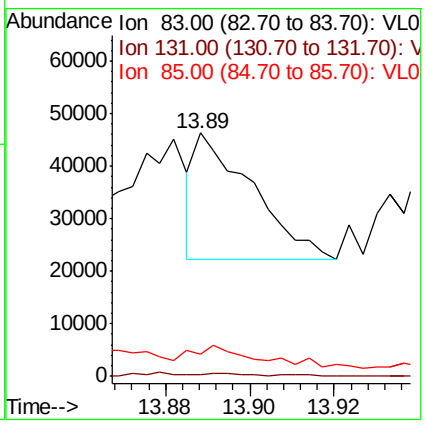


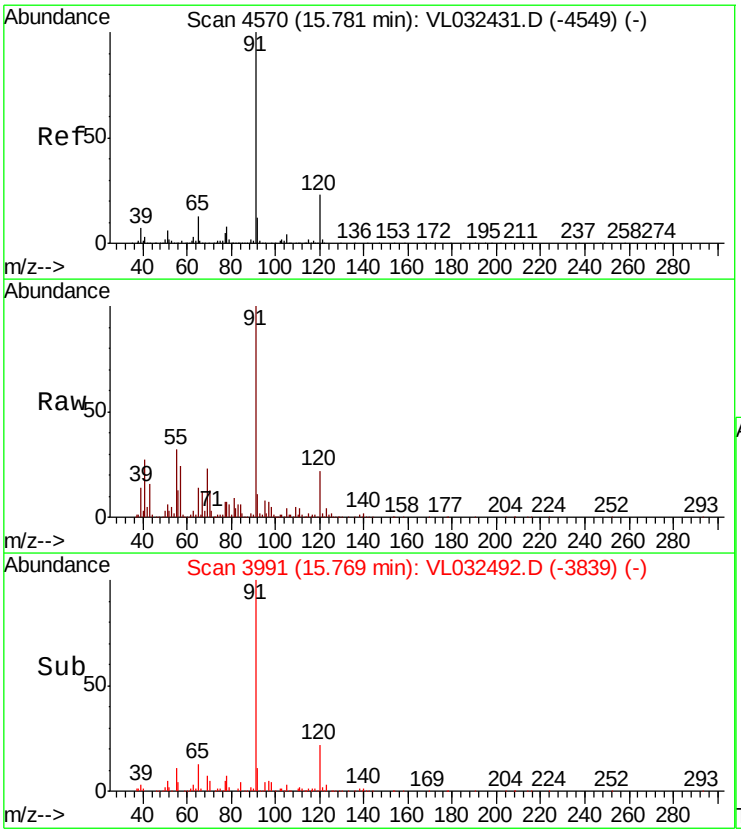
#63
1,1,2,2-Tetrachloroethane
Concen: 0.072 ppbv
RT: 13.89 min Scan# 3406
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion: 83 Resp: 22851

Ion	Ratio	Lower	Upper
83	100		
131	2.7	4.3	12.8#
85	0.0	32.3	96.8#

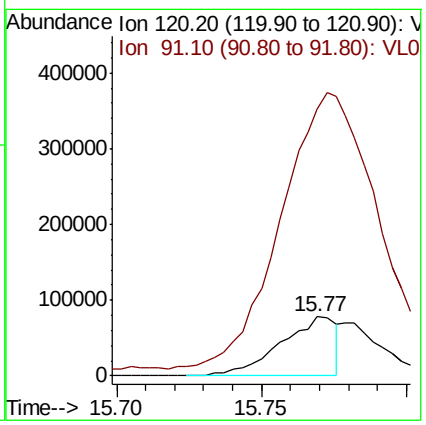


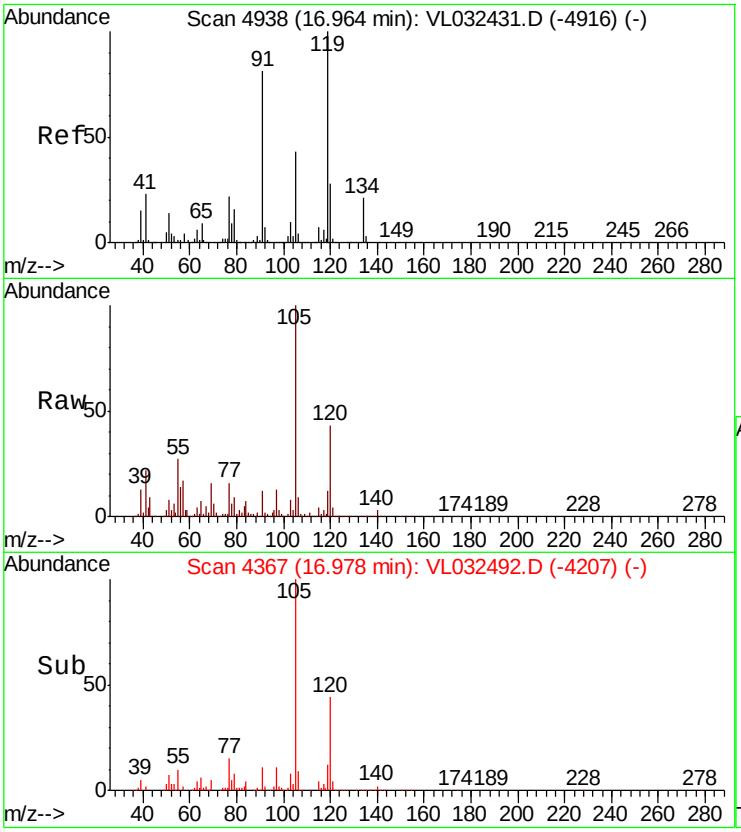


#64
n-propylbenzene
Concen: 0.792 ppbv
RT: 15.77 min Scan# 3991
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:120 Resp: 102967

Ion	Ratio	Lower	Upper
120	100		
91	865.4	381.8	572.6#



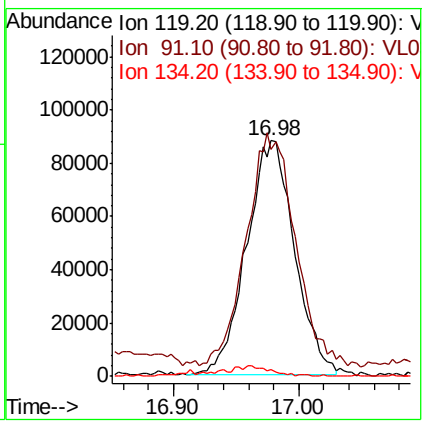


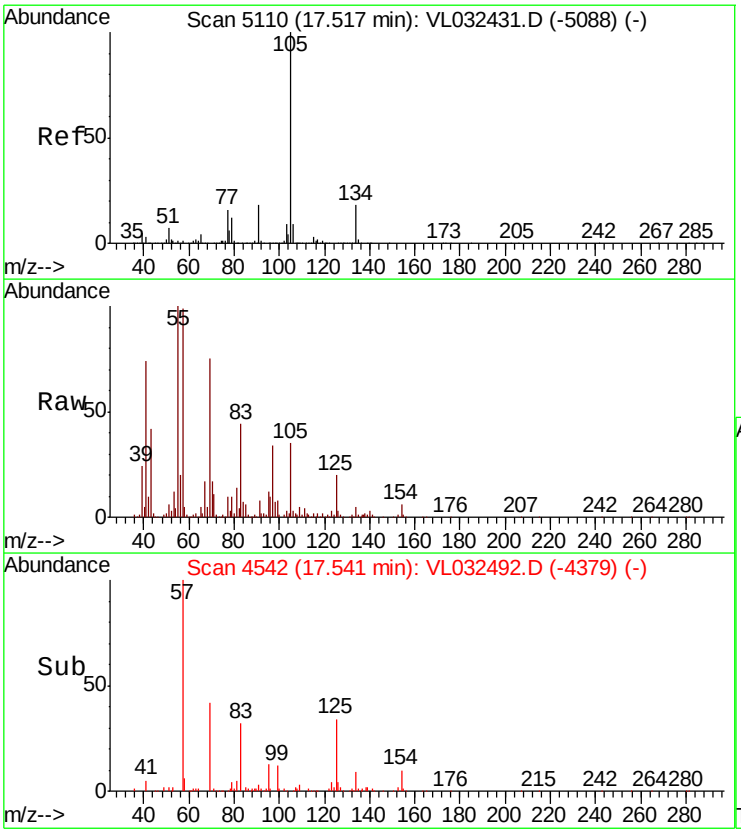
#65
tert-Butylbenzene
Concen: 0.543 ppbv
RT: 16.98 min Scan# 4367
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion:119 Resp: 232524

Ion	Ratio	Lower	Upper
119	100		
91	102.0	66.5	99.7#
134	5.3	16.0	24.0#

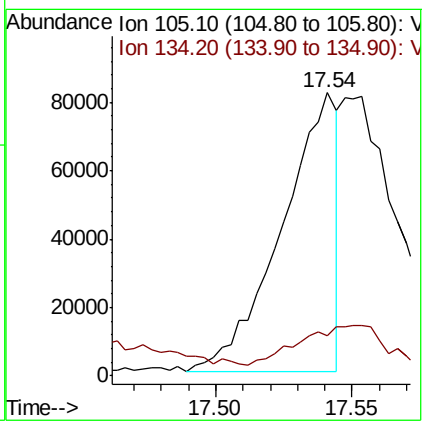


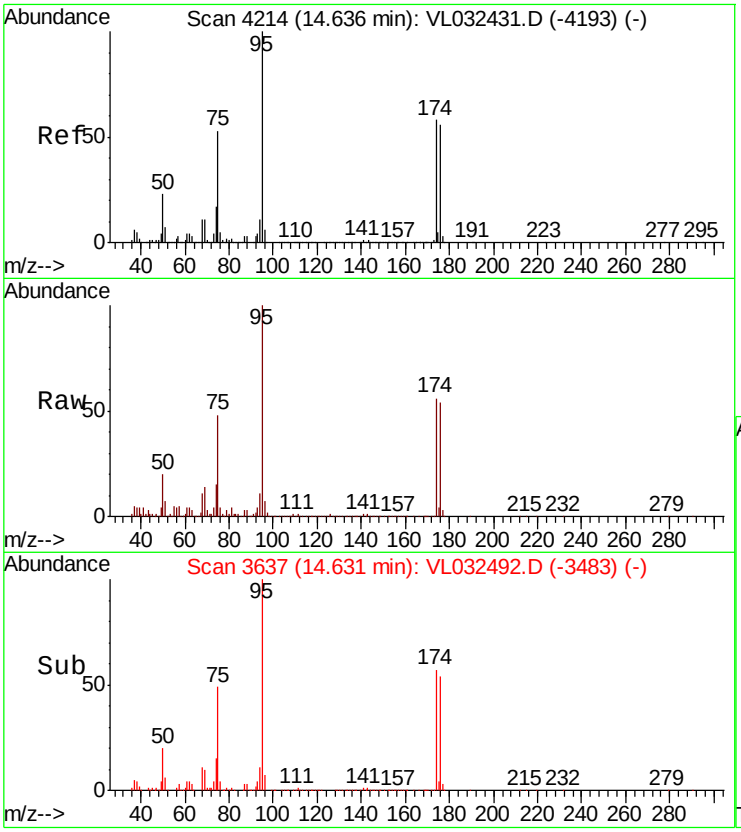


#67
sec-Butylbenzene
Concen: 0.179 ppbv
RT: 17.54 min Scan# 4542
Delta R.T. 0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:105 Resp: 115634

Ion	Ratio	Lower	Upper
105	100		
134	24.6	14.4	21.6#



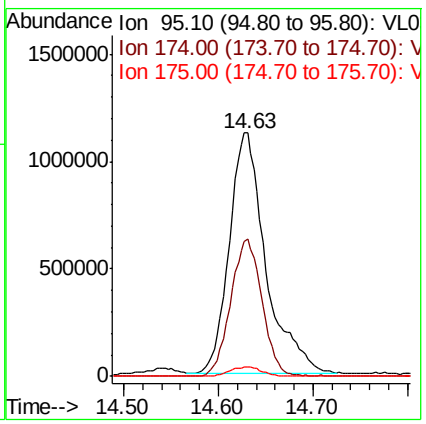


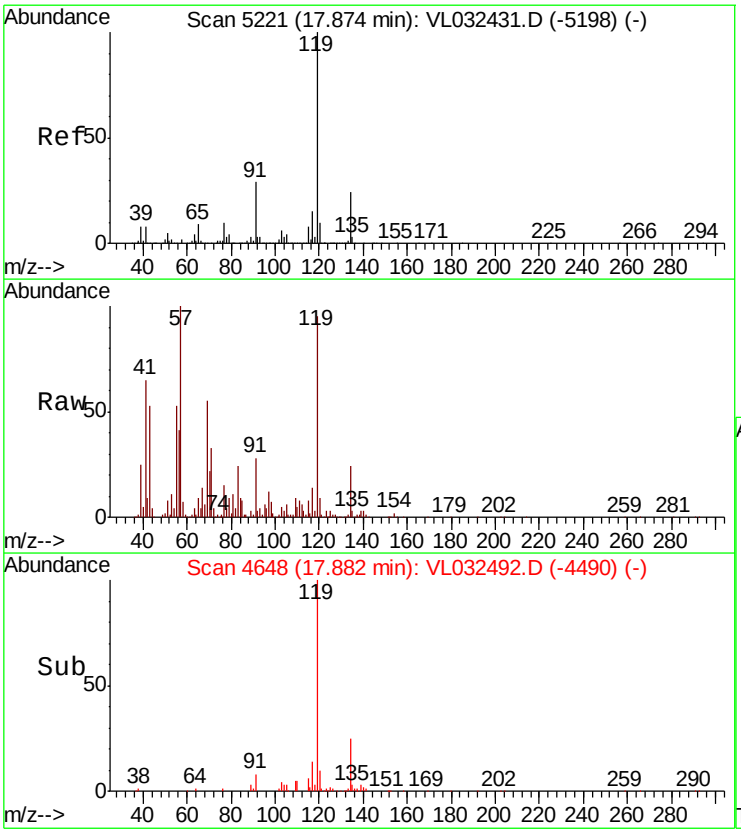
#68
1-Bromo-4-Fluorobenzene
Concen: 12.062 ppbv
RT: 14.63 min Scan# 3637
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 95 Resp: 3021982

Ion	Ratio	Lower	Upper
95	100		
174	49.1	46.3	69.5
175	3.5	3.4	5.0

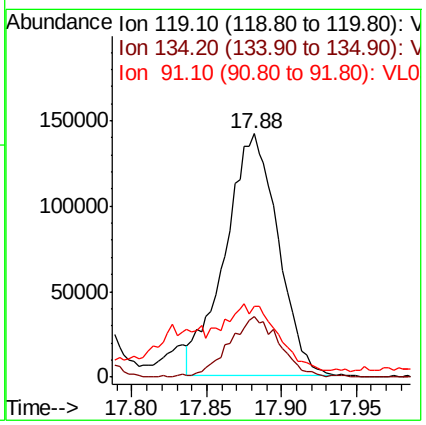


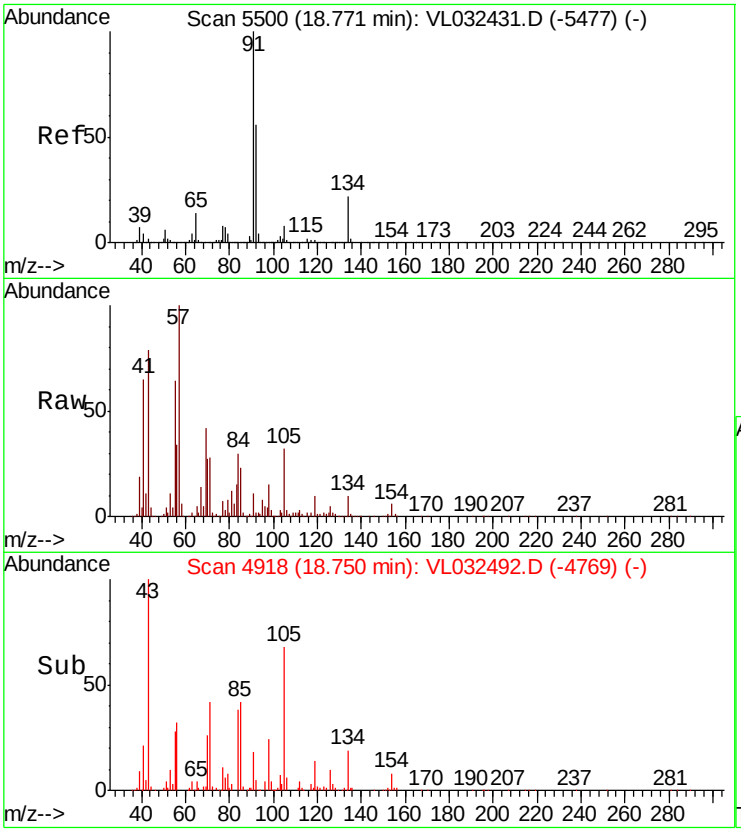


#69
p-Isopropyltoluene
Concen: 0.695 ppbv
RT: 17.88 min Scan# 4648
Delta R.T. 0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:119 Resp: 346833

Ion	Ratio	Lower	Upper
119	100		
134	24.0	20.4	30.6
91	46.8	23.4	35.2#



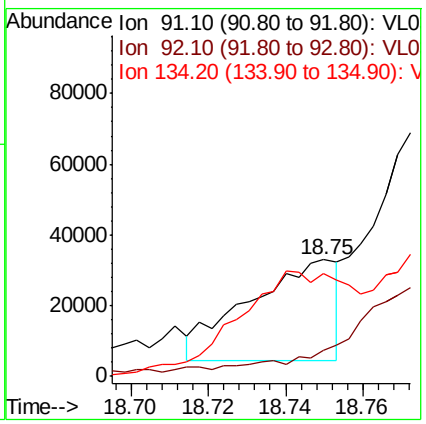


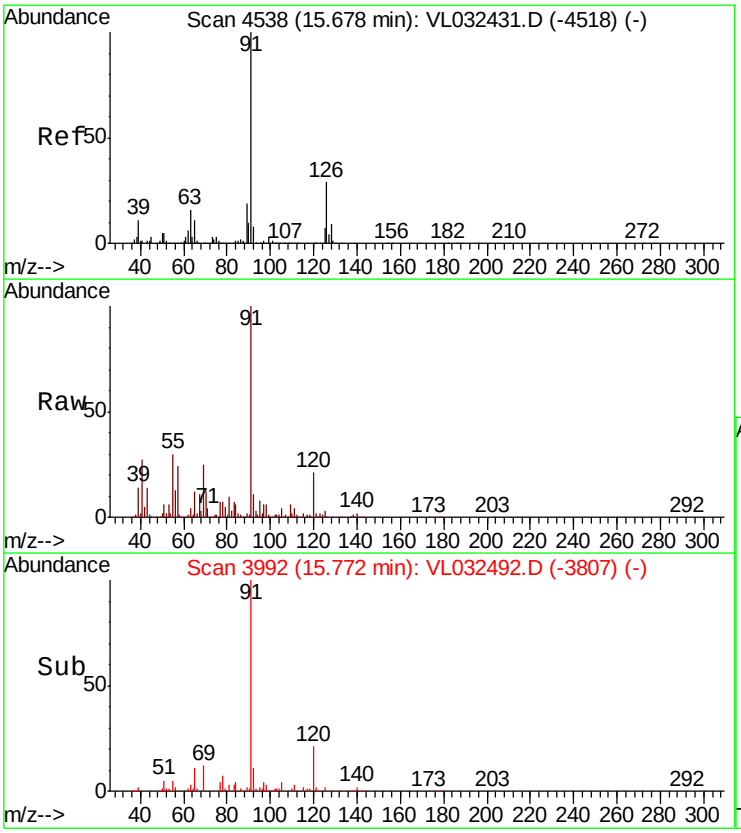
#70
n-Butylbenzene
Concen: 0.080 ppbv
RT: 18.75 min Scan# 4918
Delta R.T. -0.02 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion: 91 Resp: 45199

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

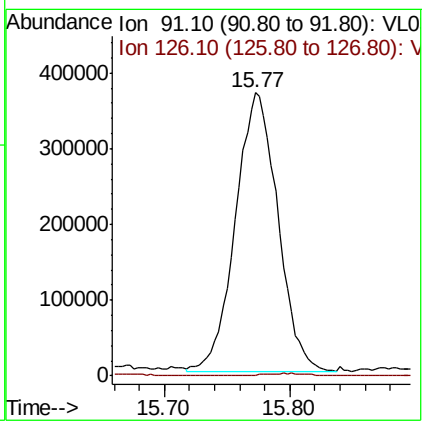


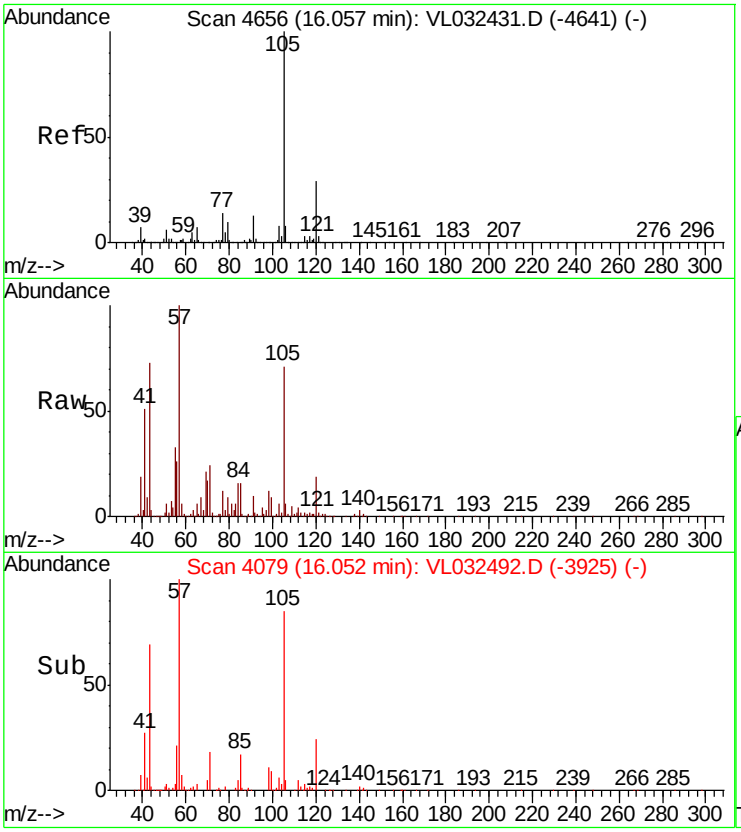


#71
2-Chlorotoluene
Concen: 2.277 ppbv
RT: 15.77 min Scan# 3992
Delta R.T. 0.09 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion: 91 Resp: 864726

Ion	Ratio	Lower	Upper
91	100		
126	1.0	11.9	47.7#



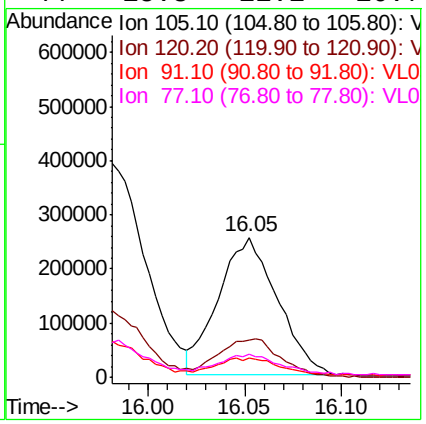


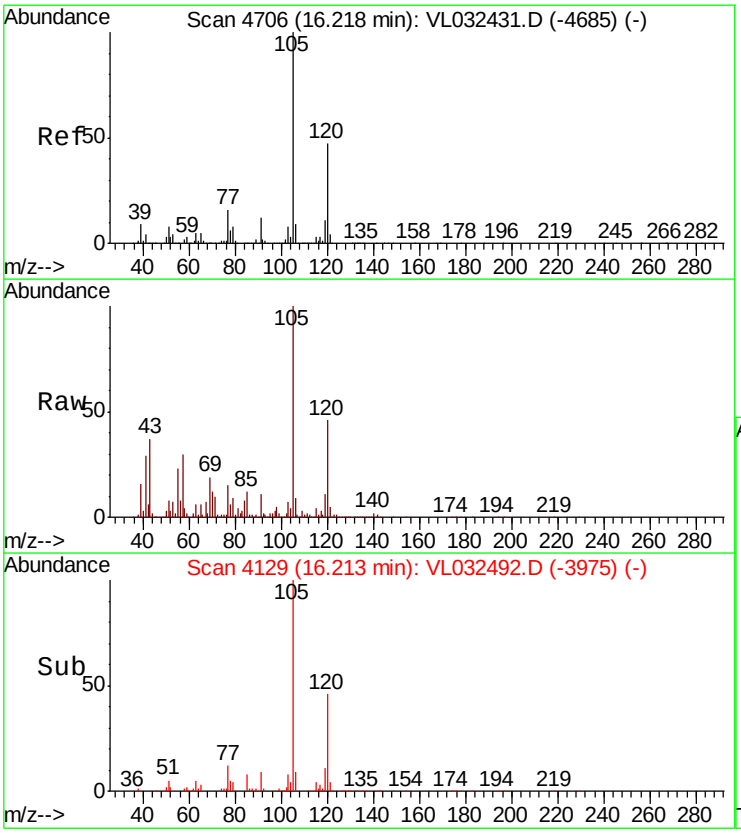
#72
4-Ethyltoluene
Concen: 1.396 ppbv
RT: 16.05 min Scan# 4079
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion:105 Resp: 539141

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.5	35.3
91	14.0	10.2	15.2
77	15.8	11.1	16.7

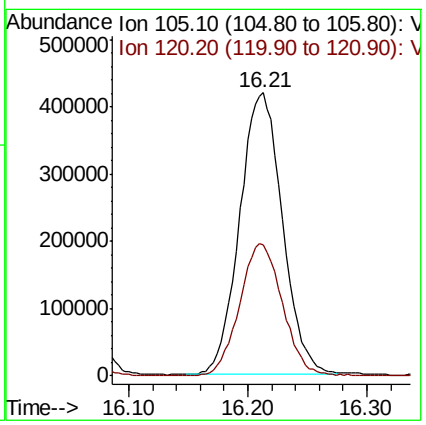


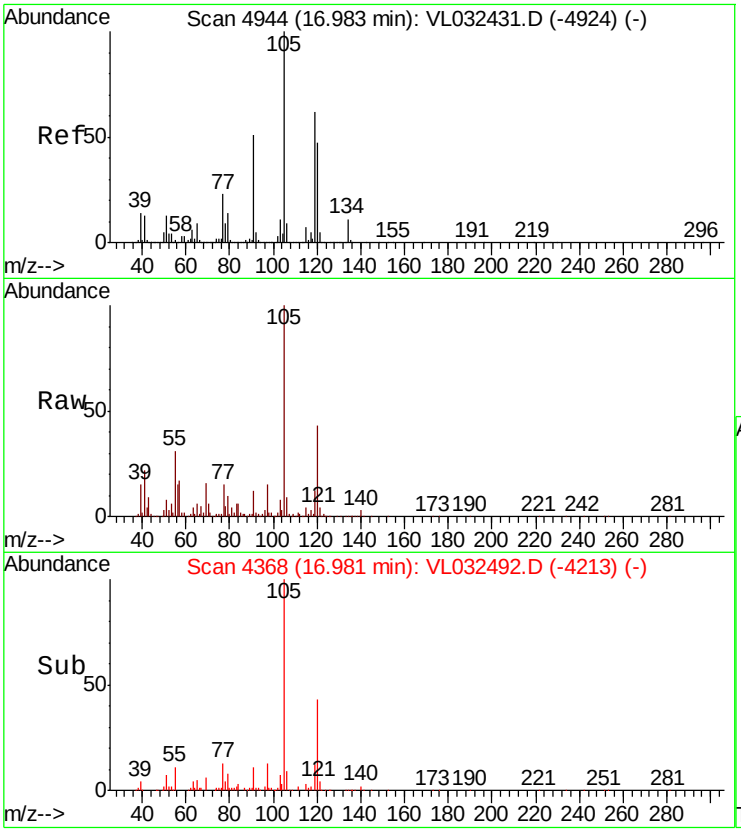


#73
1,3,5-Trimethylbenzene
Concen: 2.683 ppbv
RT: 16.21 min Scan# 4129
Delta R.T. -0.01 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:105 Resp: 1037741

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.9	56.9



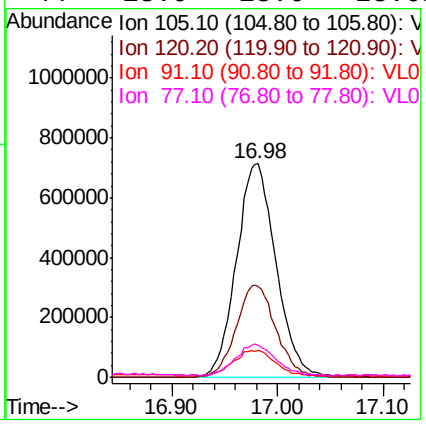


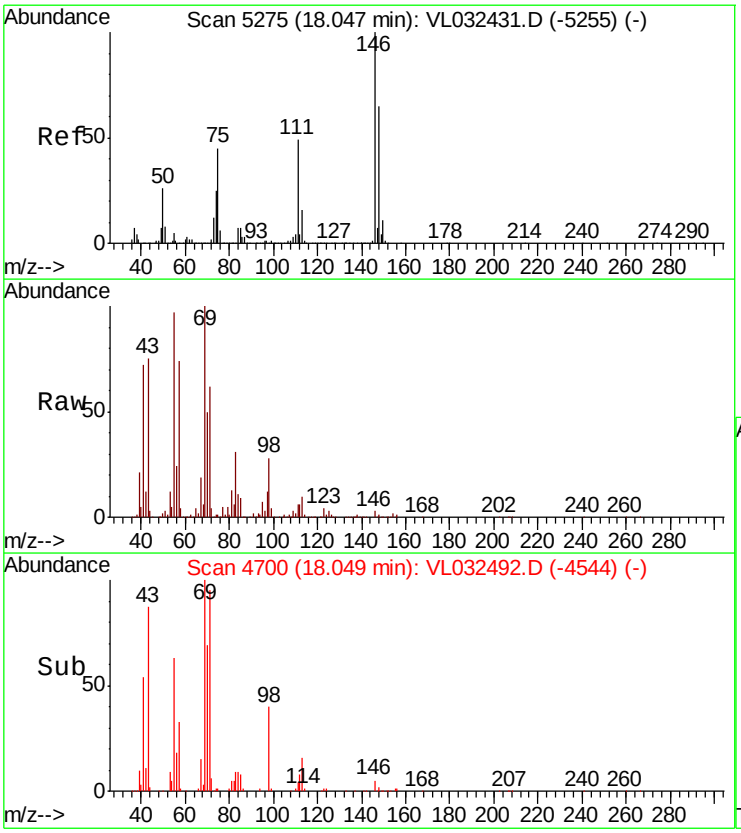
#74
1,2,4-Trimethylbenzene
Concen: 4.374 ppbv
RT: 16.98 min Scan# 4368
Delta R.T. -0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument : MSVOA_L
ClientSampleId : 245-BERRY

Tgt Ion:105 Resp: 1849656

Ion	Ratio	Lower	Upper
105	100		
120	42.8	37.8	56.8
91	11.7	41.4	62.0#
77	13.9	18.6	28.0#

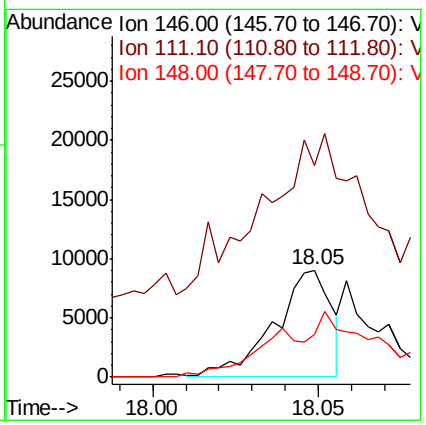


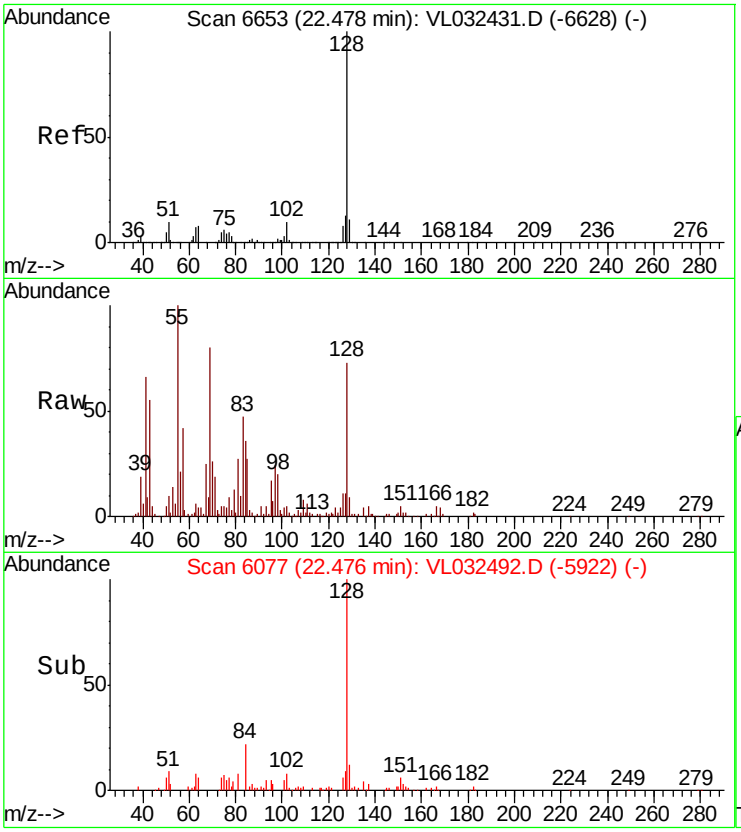


#77
1,2-Dichlorobenzene
Concen: 0.045 ppbv
RT: 18.05 min Scan# 4700
Delta R.T. 0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:146 Resp: 10830

Ion	Ratio	Lower	Upper
146	100		
111	384.4	24.9	74.8#
148	110.7	32.0	96.0#



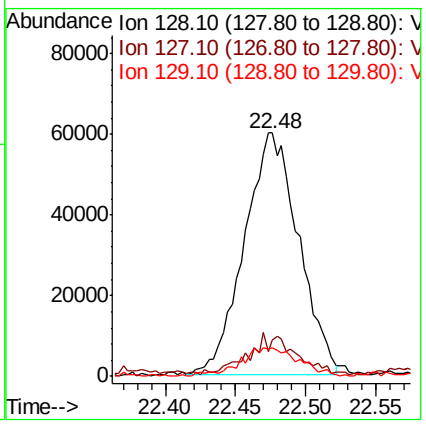


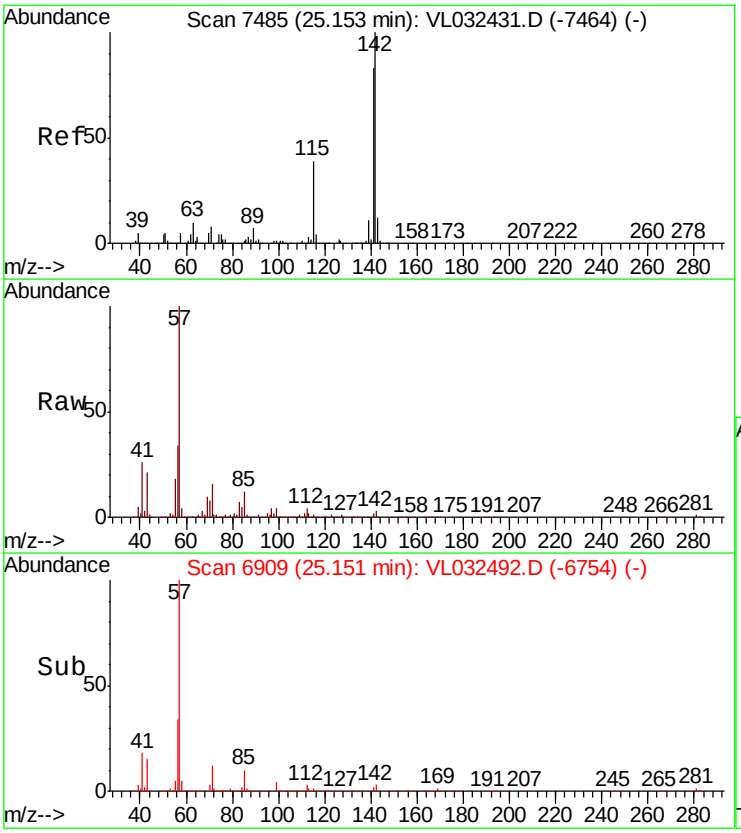
#79
Naphthalene
Concen: 0.470 ppbv
RT: 22.48 min Scan# 6077
Delta R.T. -0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Instrument :
MSVOA_L
ClientSampleId :
245-BERRY

Tgt Ion:128 Resp: 161594

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.8	8.5	12.7





#80
Naphthalene,2-methyl-
Concen: 0.210 ppbv
RT: 25.15 min Scan# 6909
Delta R.T. -0.00 min
Lab File: VL032492.D
Acq: 11 Sep 2018 00:02

Tgt Ion:142 Resp: 19192

Ion	Ratio	Lower	Upper
142	100		
141	95.9	67.0	100.6
115	57.0	31.3	46.9#