Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

Quantitation Report (Not Reviewed)

Data File : VL032921.D
Acq On : 7 Dec 2018 4:19
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Dec 07 05:52:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 05:41:55 2018
QLast Update : Fri Dec 07 05:41:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1188175	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3221788	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3117268	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2282888	10.03	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	359006	2.204	ppbv		99
3) Chlorodifluoromethane	3.02	51	197081	2.126	ppbv		97
4) Chloromethane	3.17	50	111524	2.041	ppbv		93
5) Vinyl Chloride	3.29	62	106403	1.988	ppbv		92
6) Bromomethane	3.52	94	71500	2.061	ppbv		92
7) Chloroethane	3.61	64	39894	1.924	ppbv	#	87
8) Dichlorotetrafluoroethane	3.22	85	284726	2.147	ppbv		99
9) Propene	3.04	41	81396	2.194	ppbv		97
10) Heptane	8.25	43	296768	2.103	ppbv		99
11) Trichlorofluoromethane	4.01	101	319759	1.982	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.56	101	276424	2.254	ppbv		98
13) Ethanol	3.66	45	30598	2.436	ppbv		98
14) Bromoethene	3.79	108	87587	1.951	ppbv		99
15) Acetone	3.91	43	232901	2.196	ppbv		97
16) 1,3-Butadiene	3.36	39	93858	2.217	ppbv		94
17) tert-Butyl alcohol	4.38	59	48059	1.632	ppbv	#	82
18) 1,1-Dichloroethene	4.36	96	96309	1.808	ppbv		94
19) Isopropyl Alcohol	4.04	45	134499	1.753	ppbv	#	97
20) Methylene Chloride	4.41	84	92363	1.550	ppbv		97
21) Allyl Chloride	4.48	41	172478	2.205	ppbv		98
22) trans-1,2-Dichloroethene	4.97	96	142081	2.208	ppbv		94
23) Vinyl Acetate	5.16	43	384999	1.926	ppbv		97
24) 1,1-Dichloroethane	5.09	63	319475	2.077	ppbv		99
25) Ethyl Acetate	5.78	43	498187	1.991	ppbv		99
26) Hexane	5.78	57	229484	1.953	ppbv		98
27) Carbon Disulfide	4.62	76	284979	1.918	ppbv		98
28) Methyl tert-Butyl Ether	5.12	73	378898	2.013	ppbv		98
29) Chloroform	5.85	83	414586	2.125	ppbv		99
30) Cyclohexane	7.25	84	199368	2.078	ppbv	#	82
31) cis-1,2-Dichloroethene	5.64	61	224268	2.098	ppbv		98
32) 1,1,1-Trichloroethane	6.62	97	439733	2.013	ppbv		99
34) 2-Butanone	5.34	43	299639	1.879	ppbv		100
35) Carbon Tetrachloride	7.14	117	480966	2.007	ppbv		94
36) Benzene	7.01	78	492085	1.950	ppbv		97
37) 1,2-Dichloroethane	6.42	62	327670	2.019	ppbv		100
38) Trichloroethene	7.96	130	195446	1.944	ppbv		98
39) 1,2-Dichloropropane	7.74	63	182253	1.970	ppbv		92
40) 1,4-Dioxane	7.98	88	63227	1.809	ppbv	#	96
41) Tetrahydrofuran	6.16	42	184288	2.029	ppbv		98
42) Bromodichloromethane	7.92	83	455700	2.019	ppbv		99
43) Methyl Methacrylate	8.15	69	180080	1.930	ppbv		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

Quantitation Report (Not Reviewed)

Data File : VL032921.D
Acq On : 7 Dec 2018 4:19
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Dec 07 05:52:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 05:41:55 2018
QLast Update : Fri Dec 07 05:41:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	855744	2.078	ppbv		100
45) t-1,3-Dichloropropene	9.43	75	206884	1.688	ppbv		92
46) cis-1,3-Dichloropropene	8.84	75	280910	2.022	ppbv		96
47) 1,1,2-Trichloroethane	9.62	97	203668	1.863	ppbv		97
48) Dibromochloromethane	10.45	129	376978	1.866	ppbv		99
49) Bromoform	13.20	173	308760	1.821	ppbv		98
50) 4-Methyl-2-Pentanone	8.88	43	495047	2.122	ppbv		99
51) 2-Hexanone	10.29	43	319506	1.852	ppbv	#	98
52) Tetrachloroethene	11.38	164	171978	1.821	ppbv		94
53) Toluene	9.95	91	528208	1.847	ppbv		100
54) 1,2-Dibromoethane	10.76	107	322367	1.977	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.29	131	122149	0.867	ppbv	#	10
57) Chlorobenzene	12.31	112	448771	1.928	ppbv		96
58) Ethyl Benzene	12.87	91	726521	2.045	ppbv		99
59) m/p-Xylene	13.15	91	706901	2.204	ppbv	#	100
60) o-Xylene	13.86	91	691111	2.206	ppbv		99
61) Styrene	13.69	104	439815	2.102	ppbv		98
62) Isopropylbenzene	14.84	105	909612	2.046	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.84	83	494683	2.094	ppbv		100
64) n-propylbenzene	15.72	120	234352	2.091	ppbv		95
65) tert-Butylbenzene	16.92	119	819167	2.148	ppbv		97
66) Benzyl Chloride	17.16	91	240790	1.191	ppbv	#	66
67) sec-Butylbenzene	17.47	105	1261628	2.333	ppbv		100
69) p-Isopropyltoluene	17.82	119	1052632	2.449	ppbv		98
70) n-Butylbenzene	18.72	91	956081	2.261	ppbv		98
71) 2-Chlorotoluene	15.62	91	686891	2.139	ppbv		99
72) 4-Ethyltoluene	16.01	105	767946	2.323	ppbv		98
73) 1,3,5-Trimethylbenzene	16.16	105	752943	2.364	ppbv		97
74) 1,2,4-Trimethylbenzene	16.93	105	778681	2.248	ppbv		97
75) 1,3-Dichlorobenzene	17.17	146	478606	2.359	ppbv		100
76) 1,4-Dichlorobenzene	17.32	146	434587	2.287	ppbv		98
77) 1,2-Dichlorobenzene	18.00	146	445708	2.330	ppbv		99
78) Hexachloro-1,3-Butadiene	23.55	225	239839	1.985	ppbv		99
79) Naphthalene	22.42	128	587547	2.869	ppbv		99
80) Naphthalene,2-methyl-	25.13	142	102391	2.237	ppbv		98
81) 1,2,4-Trichlorobenzene	22.15	180	285551	2.644	ppbv		98

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

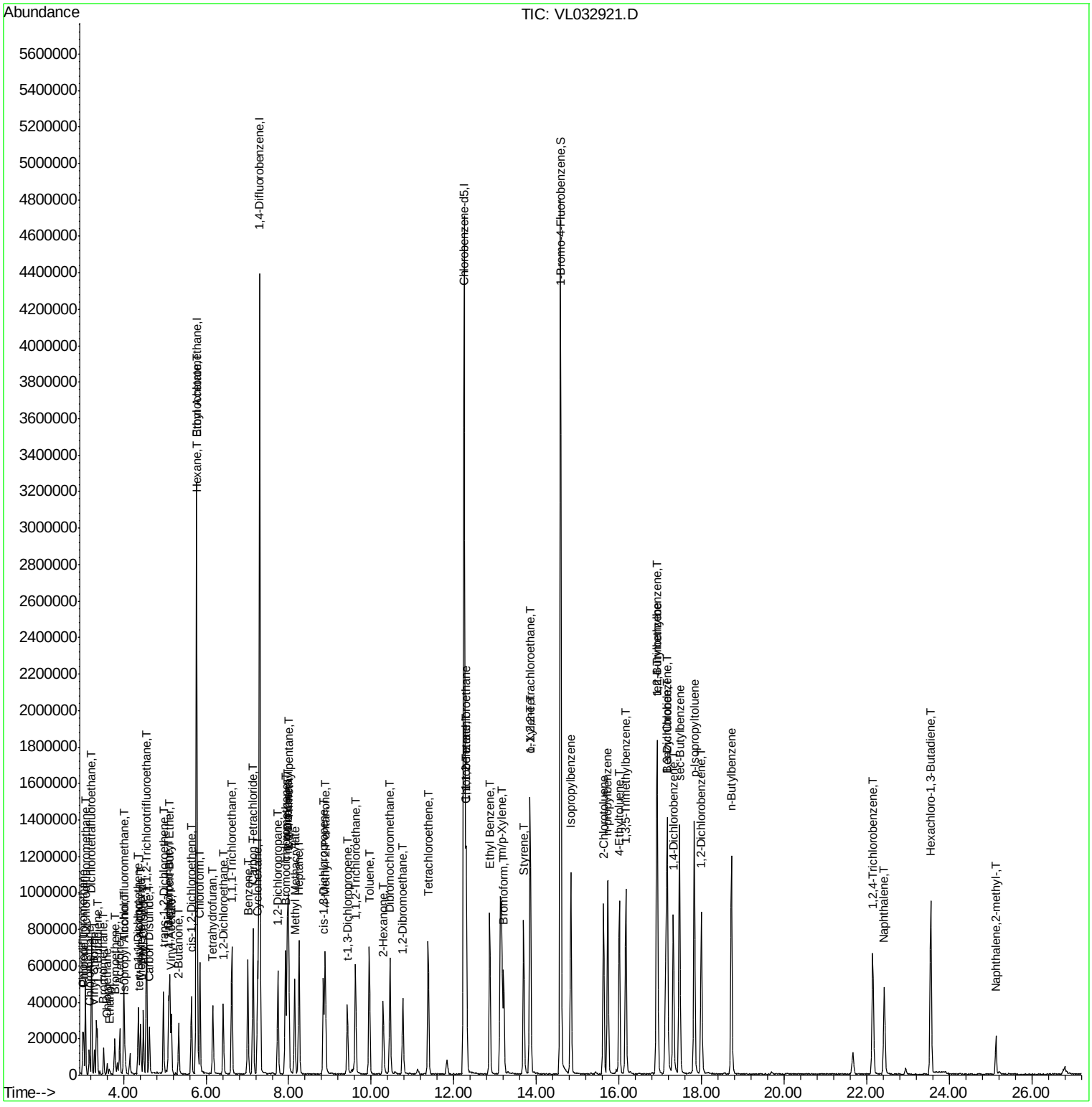
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

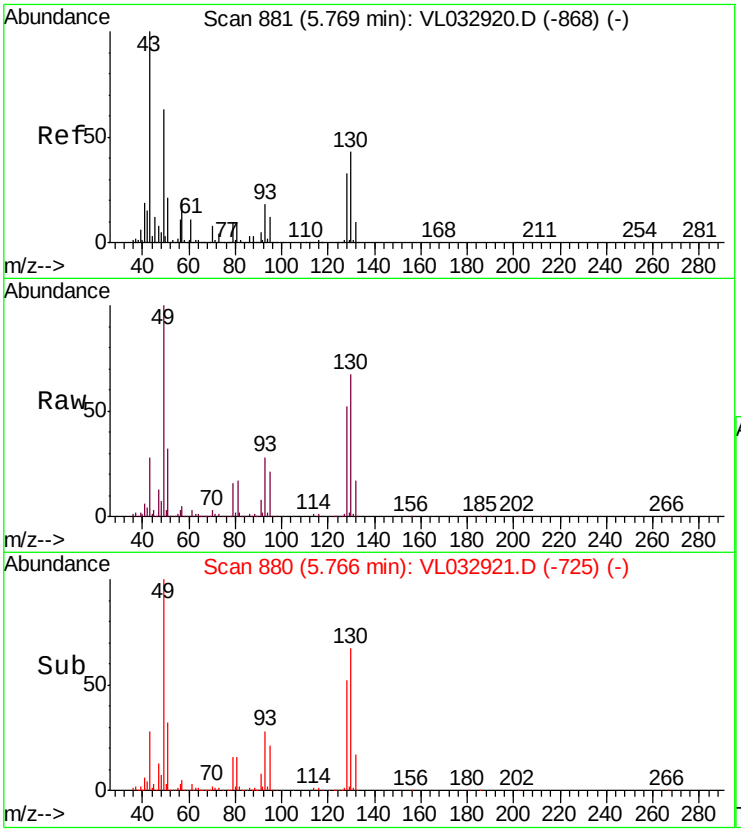
Quantitation Report (Not Reviewed)

Data File : VL032921.D
Acq On : 7 Dec 2018 4:19
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Dec 07 05:52:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 05:41:55 2018
QLast Update : Fri Dec 07 05:41:55 2018
Response via : Initial Calibration



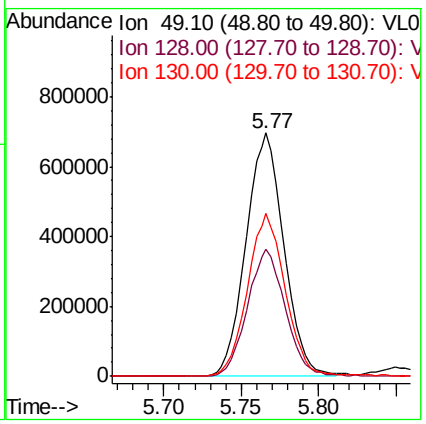


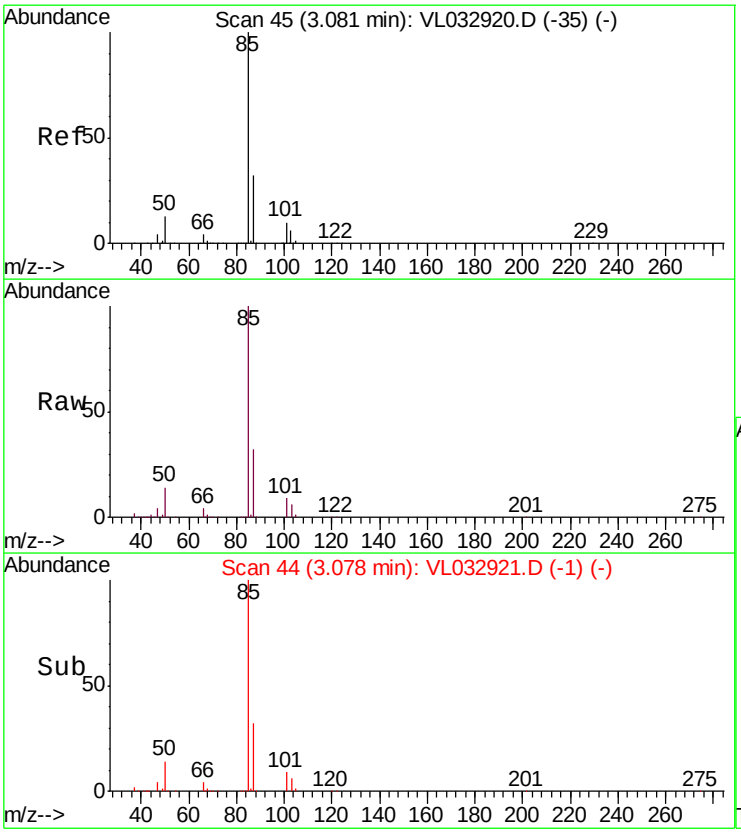
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1188175

Ion	Ratio	Lower	Upper
49	100		
128	52.5	26.3	78.8
130	67.1	33.9	101.7

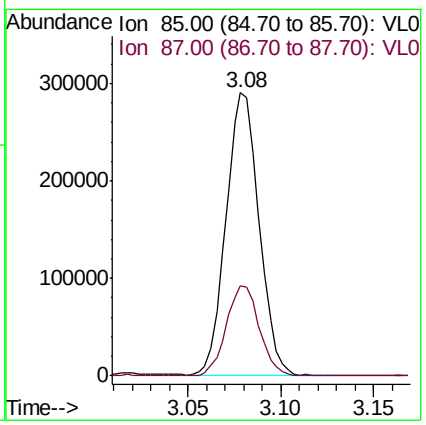


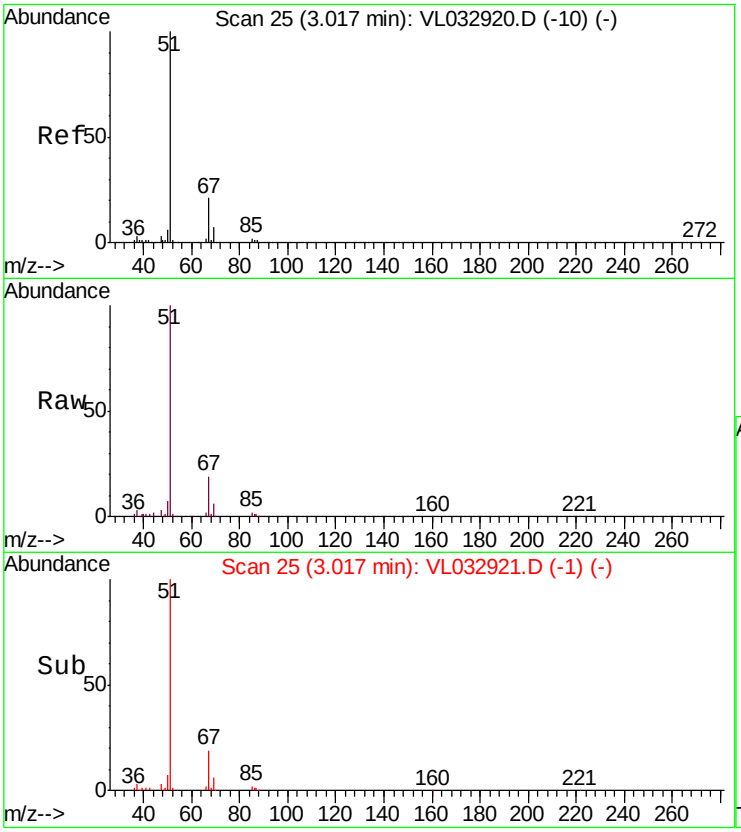


#2
Dichlorodifluoromethane
Concen: 2.204 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 85 Resp: 359006

Ion	Ratio	Lower	Upper
85	100		
87	31.7	25.7	38.5



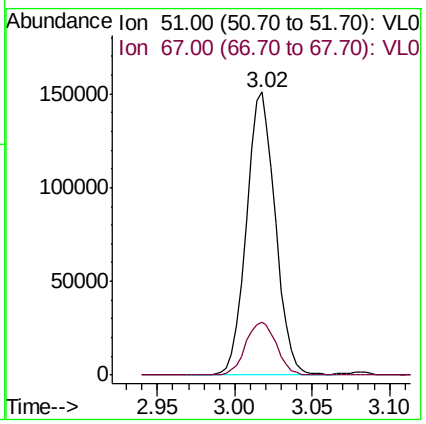


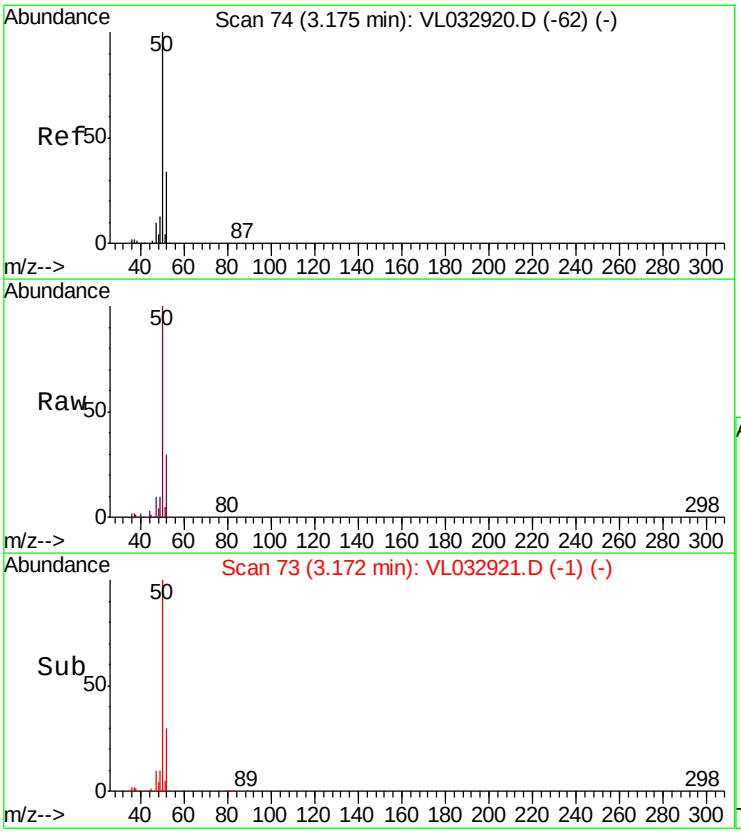
#3
Chlorodifluoromethane
Concen: 2.126 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 51 Resp: 197081

Ion	Ratio	Lower	Upper
51	100		
67	19.8	16.8	25.2

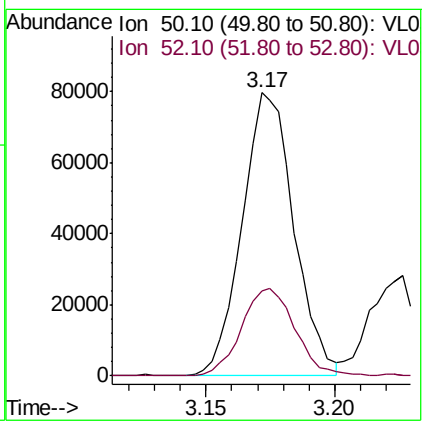


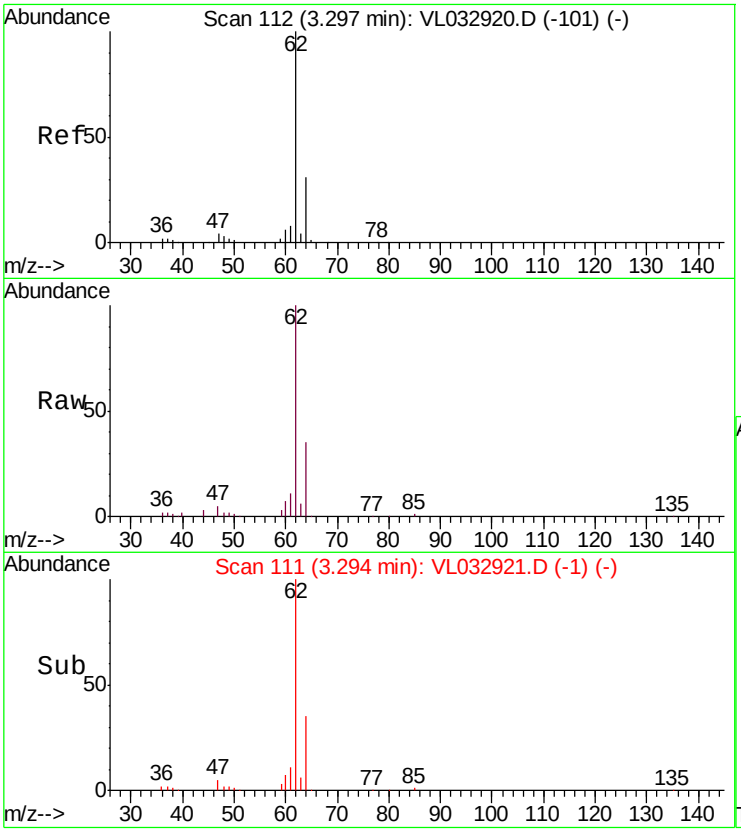


#4
Chloromethane
Concen: 2.041 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 50 Resp: 111524

Ion	Ratio	Lower	Upper
50	100		
52	30.2	27.3	40.9



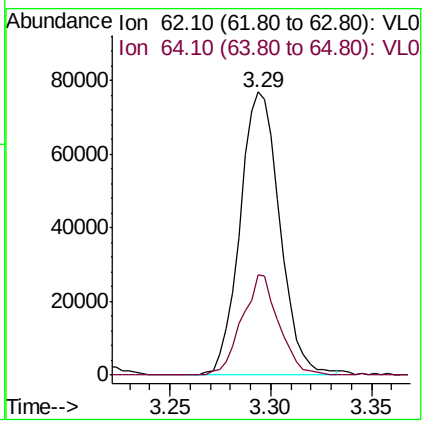


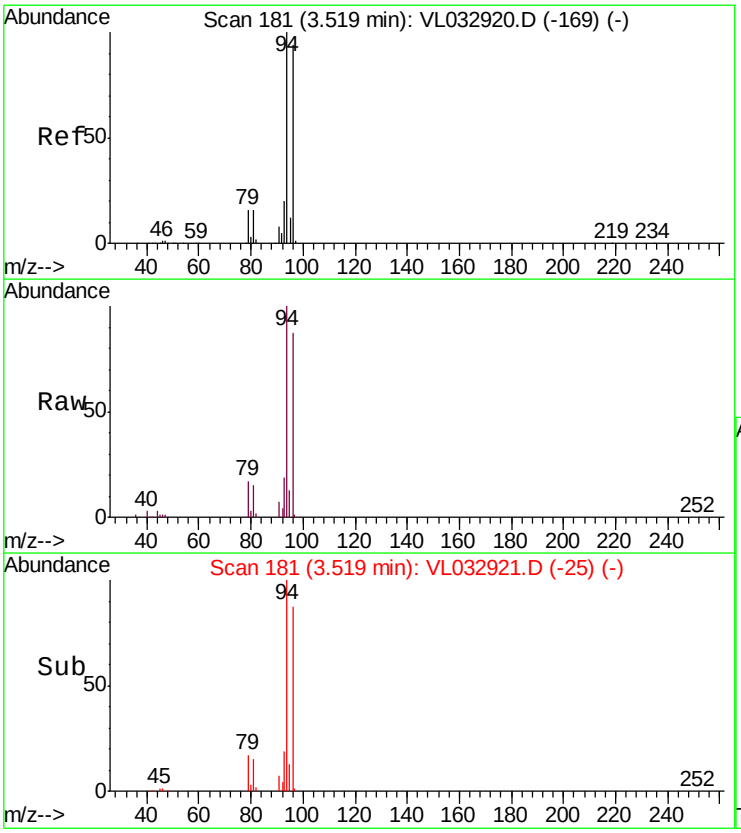
#5
Vinyl Chloride
Concen: 1.988 ppbv
RT: 3.29 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 106403

Ion	Ratio	Lower	Upper
62	100		
64	35.3	24.8	37.2

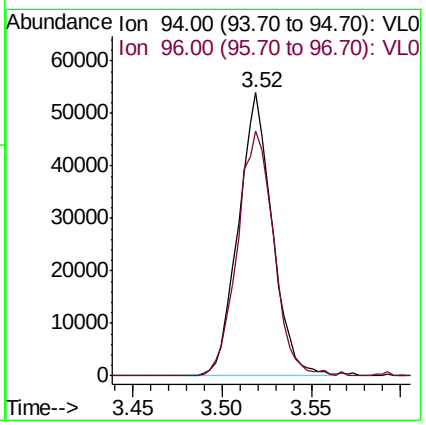


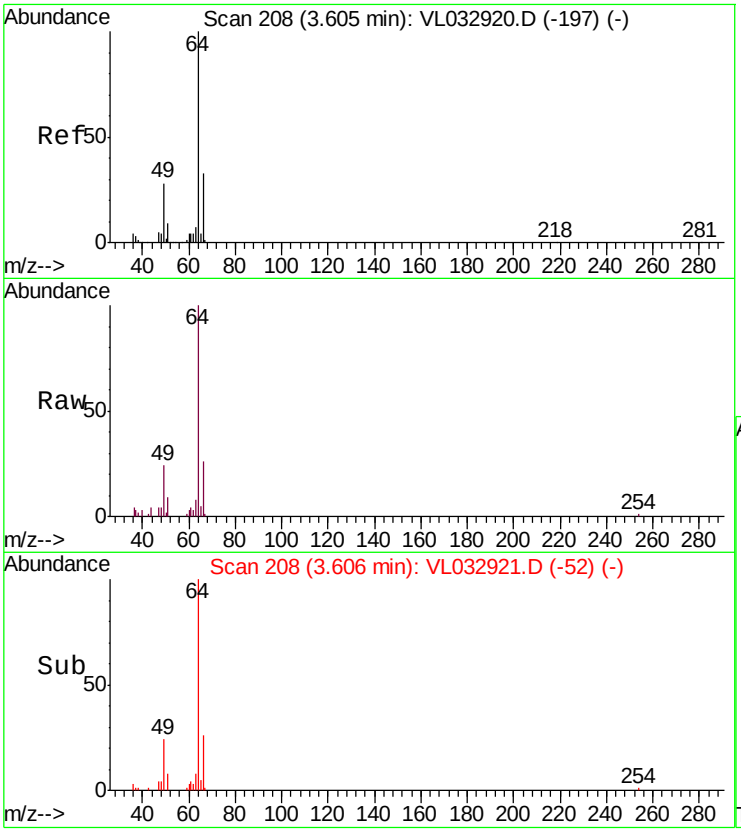


#6
Bromomethane
Concen: 2.061 ppbv
RT: 3.52 min Scan# 181
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 94 Resp: 71500

Ion	Ratio	Lower	Upper
94	100		
96	86.6	75.5	113.3



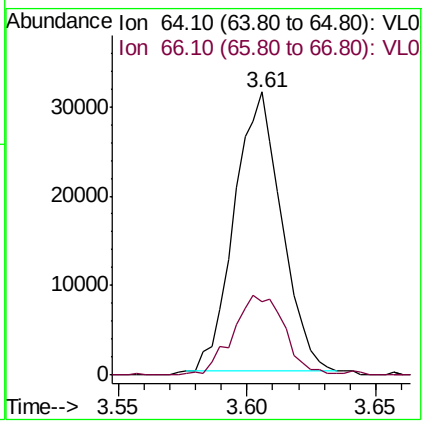


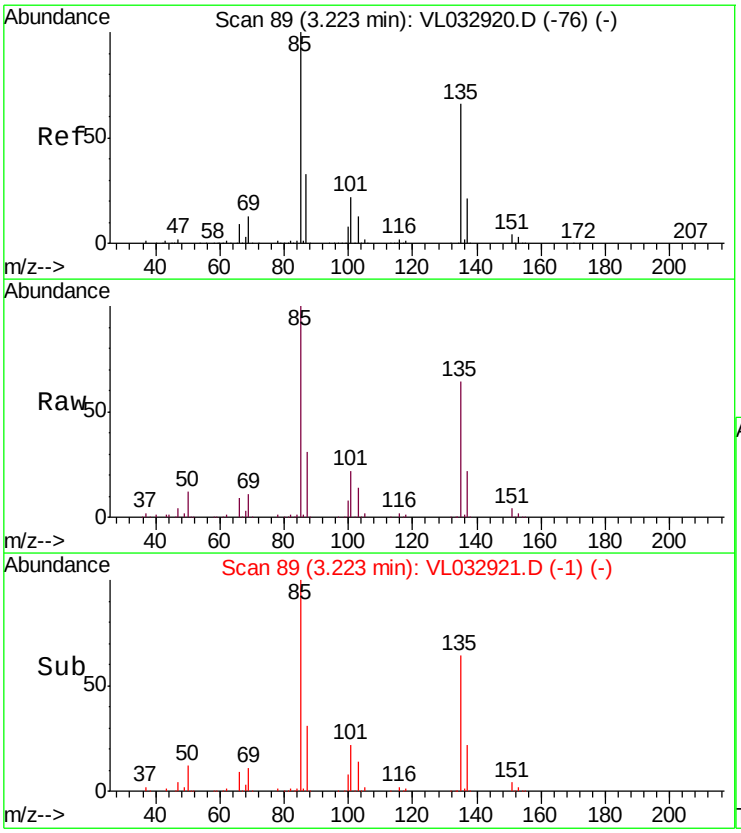
#7
Chloroethane
Concen: 1.924 ppbv
RT: 3.61 min Scan# 208
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 39894

Ion	Ratio	Lower	Upper
64	100		
66	26.1	26.6	40.0#

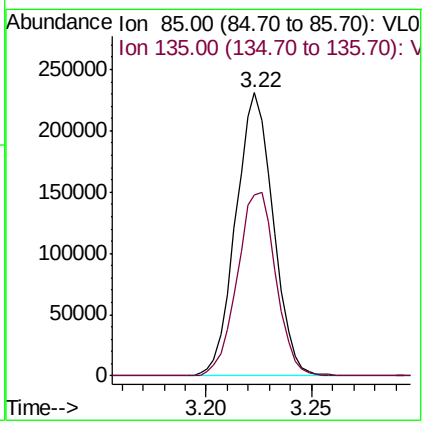


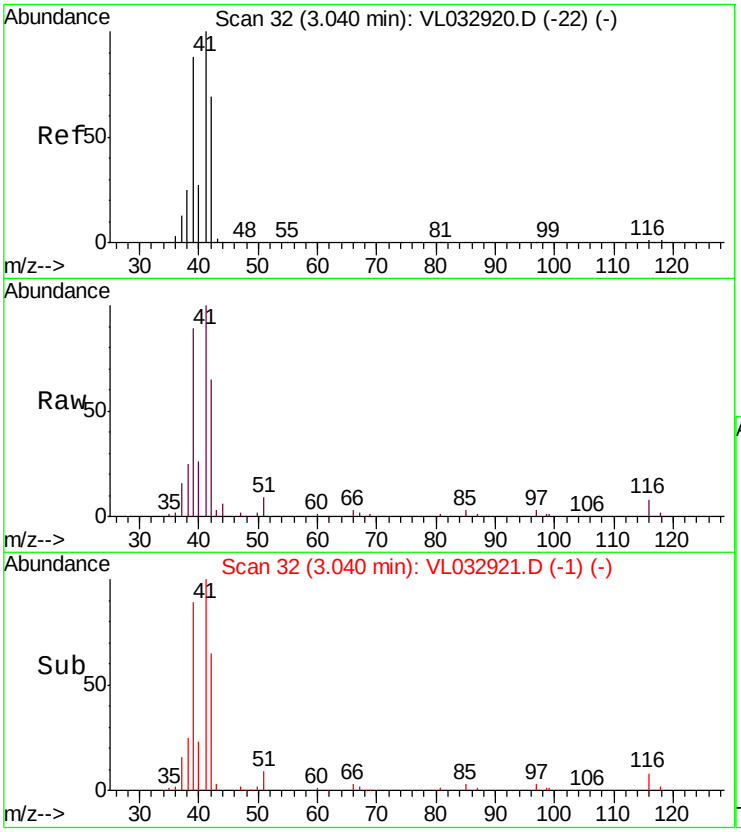


#8
Dichlorotetrafluoroethane
Concen: 2.147 ppbv
RT: 3.22 min Scan# 89
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 85 Resp: 284726

Ion	Ratio	Lower	Upper
85	100		
135	67.1	54.5	81.7



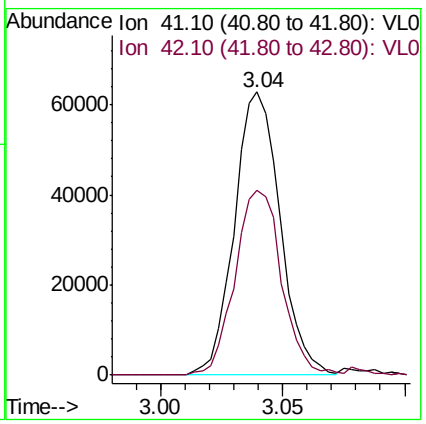


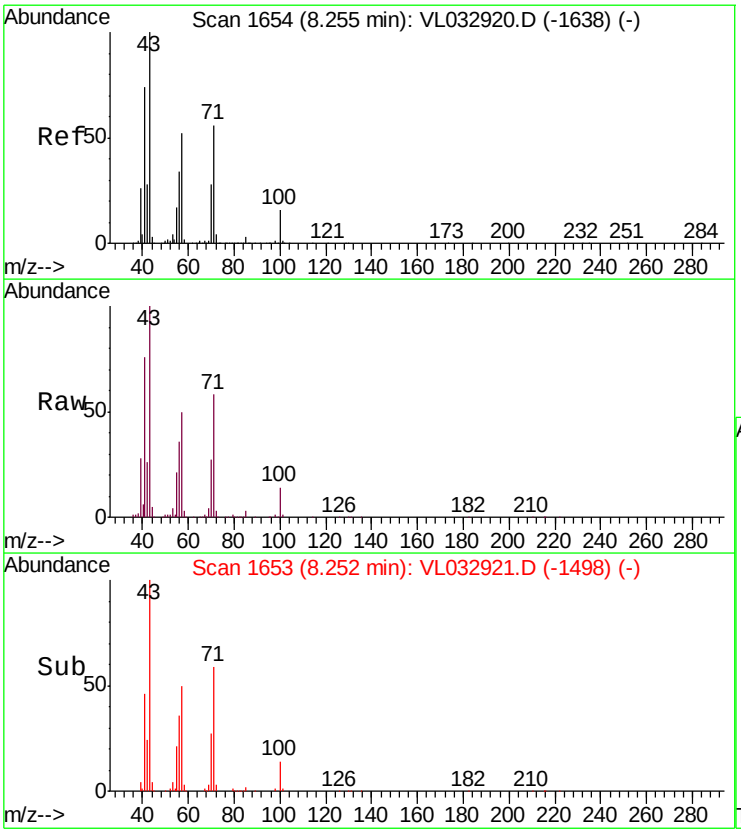
#9
Propene
Concen: 2.194 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 81396

Ion	Ratio	Lower	Upper
41	100		
42	68.0	56.2	84.2

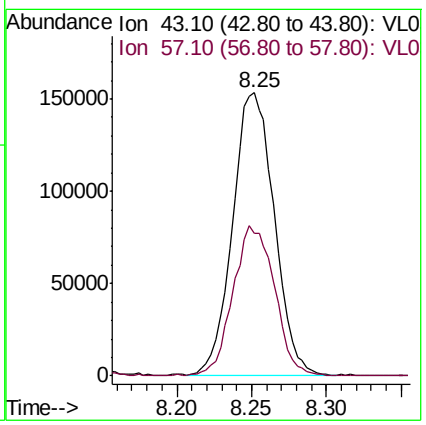


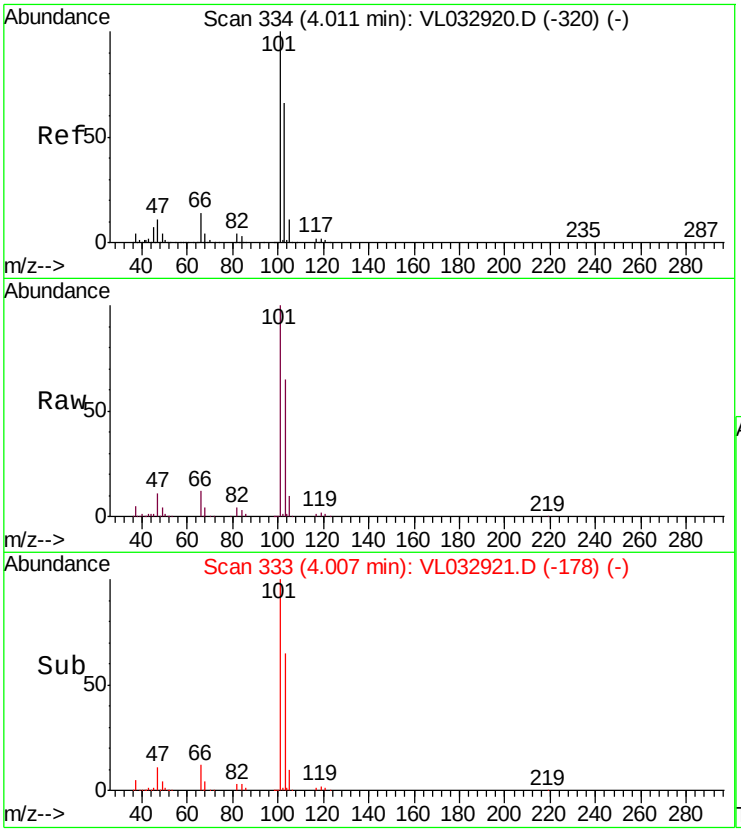


#10
Heptane
Concen: 2.103 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 43 Resp: 296768

Ion	Ratio	Lower	Upper
43	100		
57	52.9	41.8	62.6



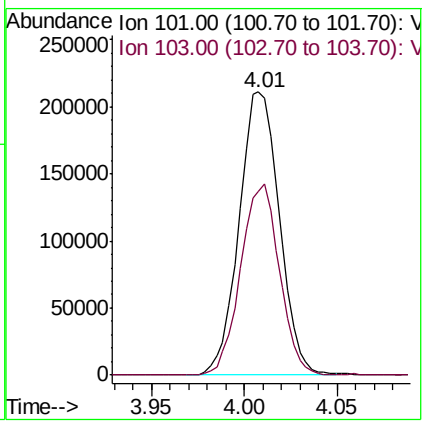


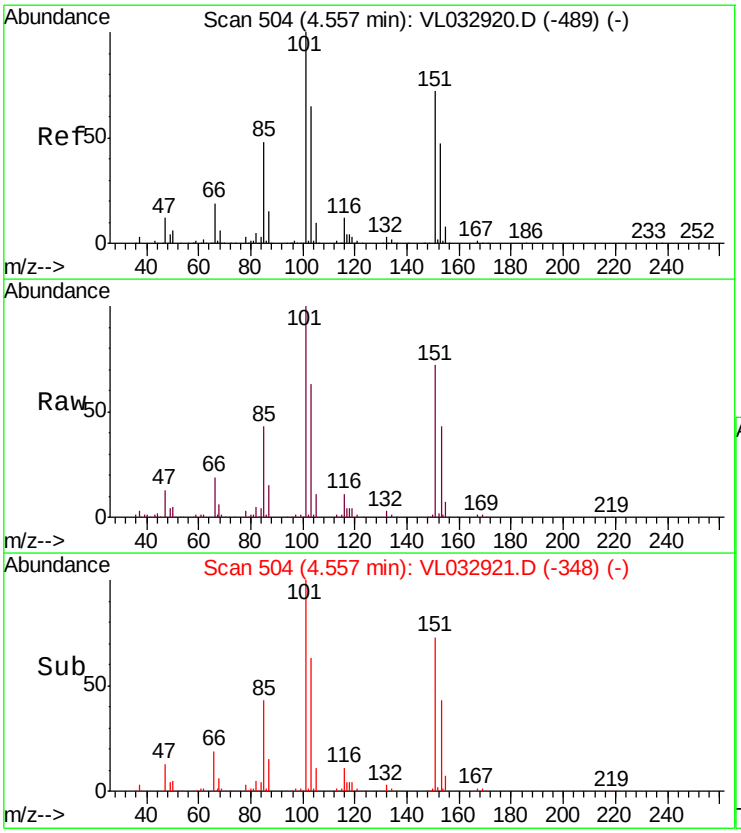
#11
Trichlorofluoromethane
Concen: 1.982 ppbv
RT: 4.01 min Scan# 333
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 319759

Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.7	79.1

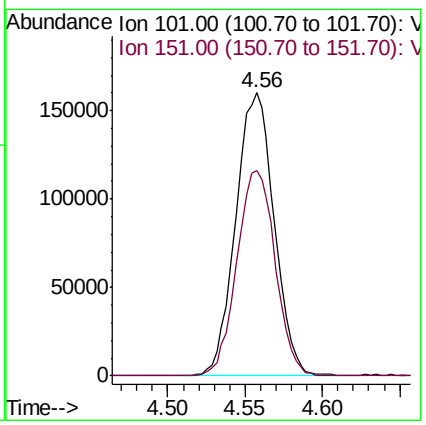


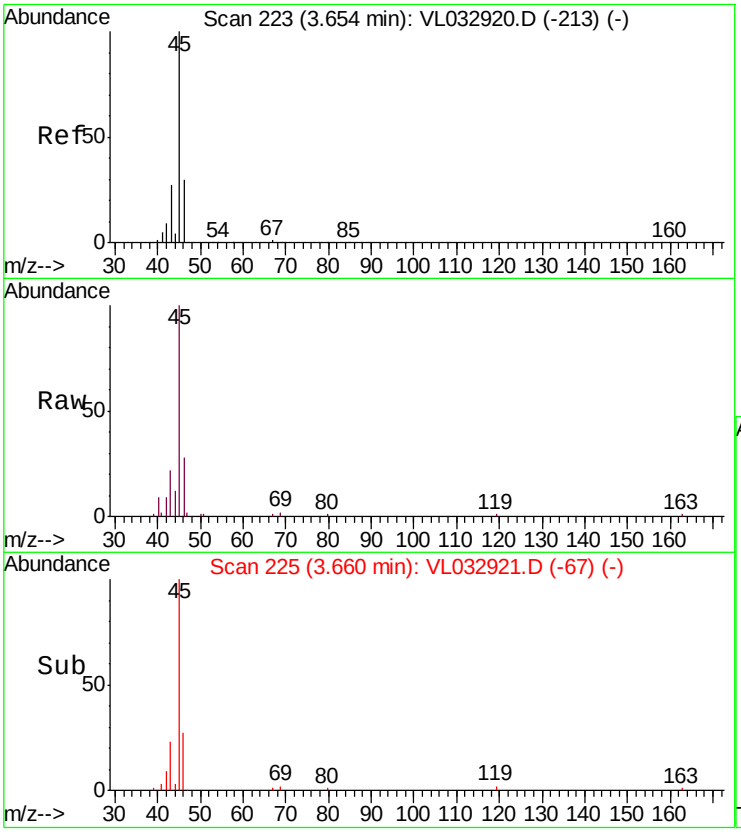


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.254 ppbv
RT: 4.56 min Scan# 504
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:101 Resp: 276424

Ion	Ratio	Lower	Upper
101	100		
151	72.5	59.3	88.9



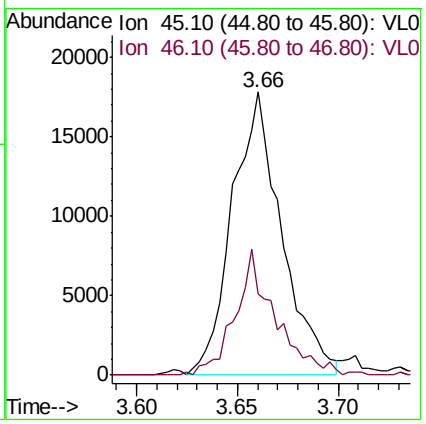


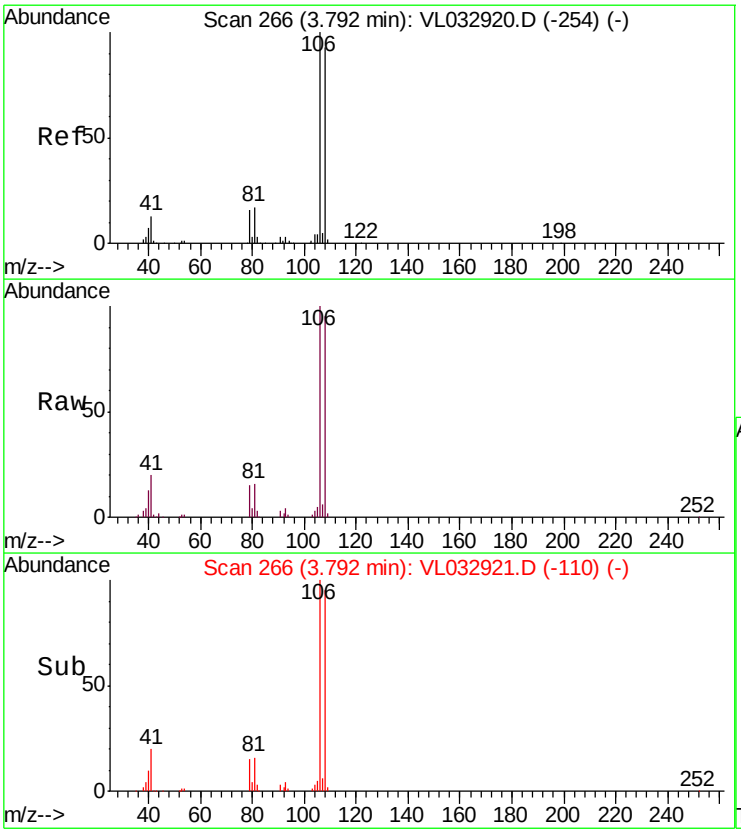
#13
Ethanol
Concen: 2.436 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 30598

Ion	Ratio	Lower	Upper
45	100		
46	35.8	13.8	55.4

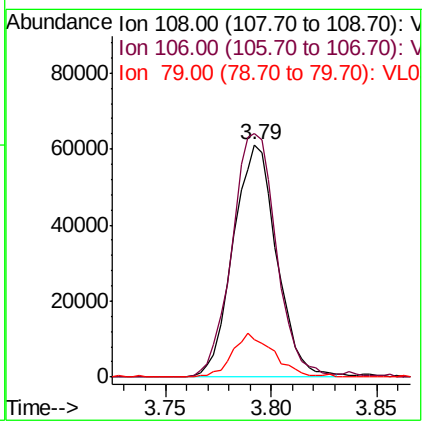


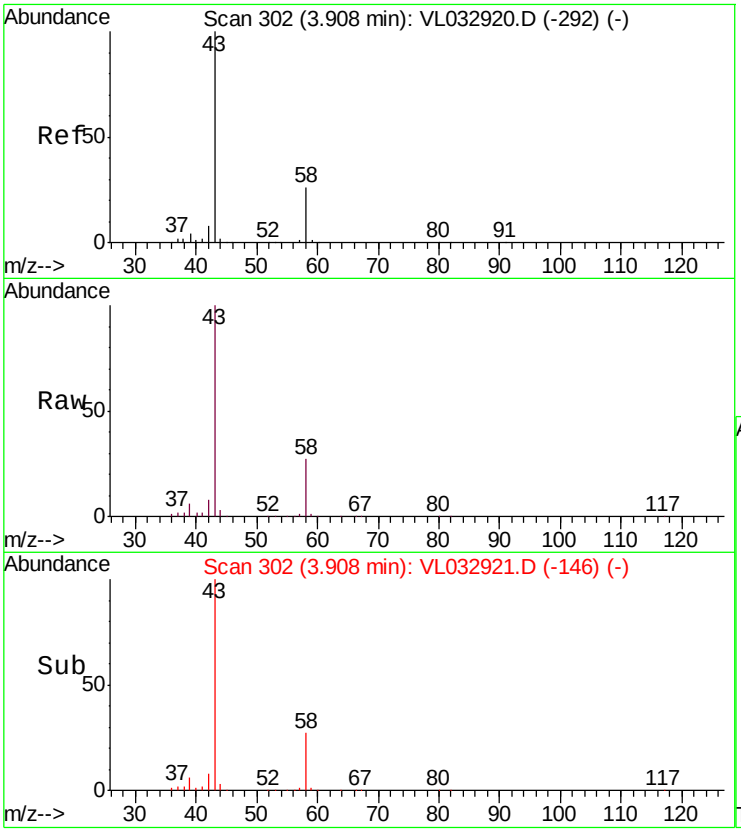


#14
Bromoethene
Concen: 1.951 ppbv
RT: 3.79 min Scan# 266
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:108 Resp: 87587

Ion	Ratio	Lower	Upper
108	100		
106	108.2	85.4	128.2
79	18.0	14.6	21.8



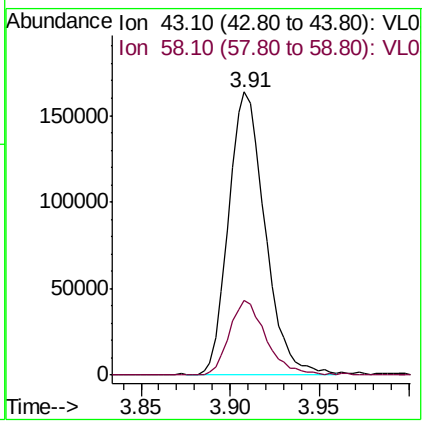


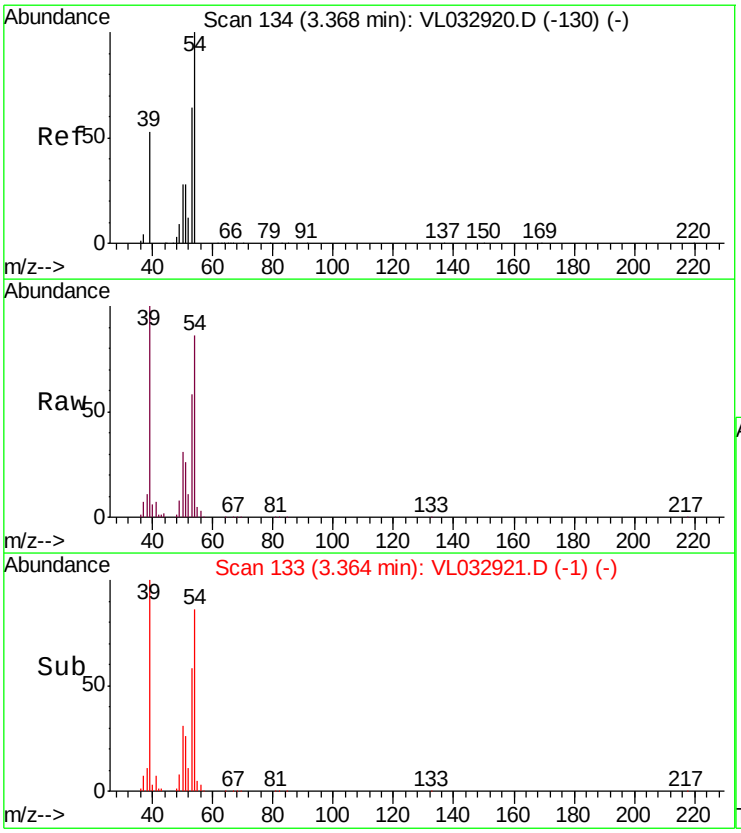
#15
Acetone
Concen: 2.196 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 232901

Ion	Ratio	Lower	Upper
43	100		
58	27.0	20.6	30.8

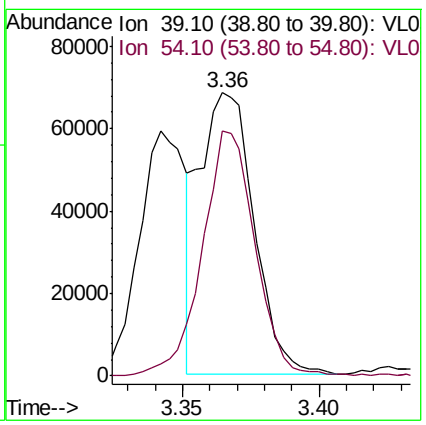


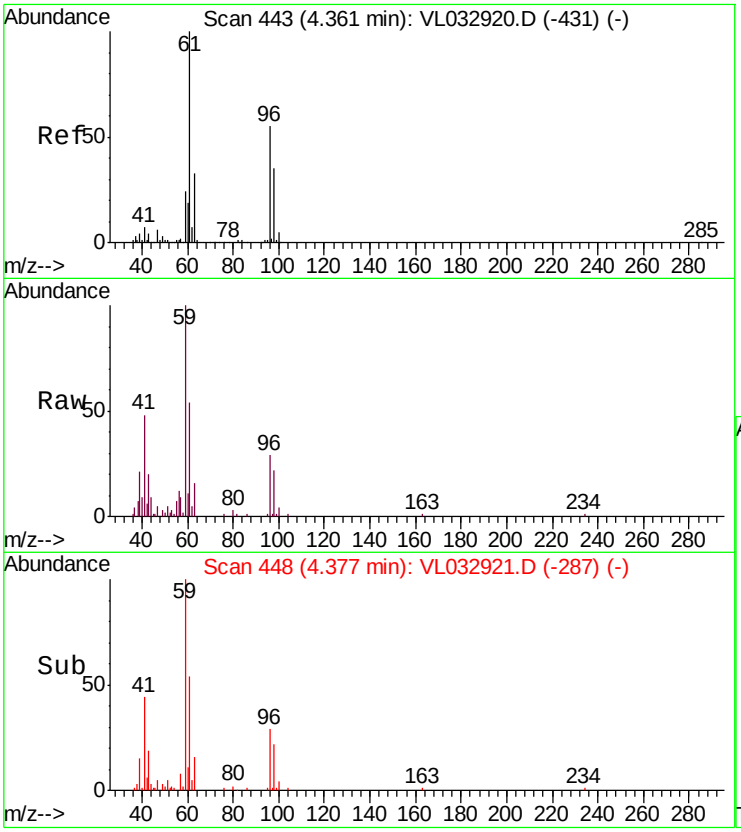


#16
1,3-Butadiene
Concen: 2.217 ppbv
RT: 3.36 min Scan# 133
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 39 Resp: 93858

Ion	Ratio	Lower	Upper
39	100		
54	85.7	72.7	109.1



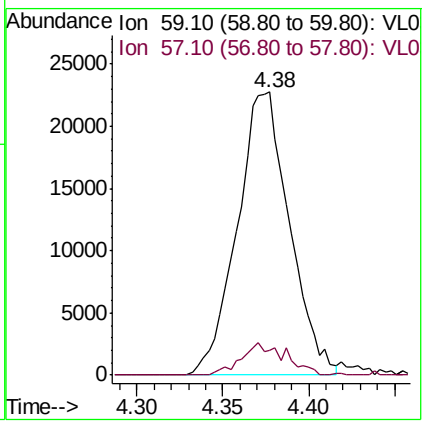


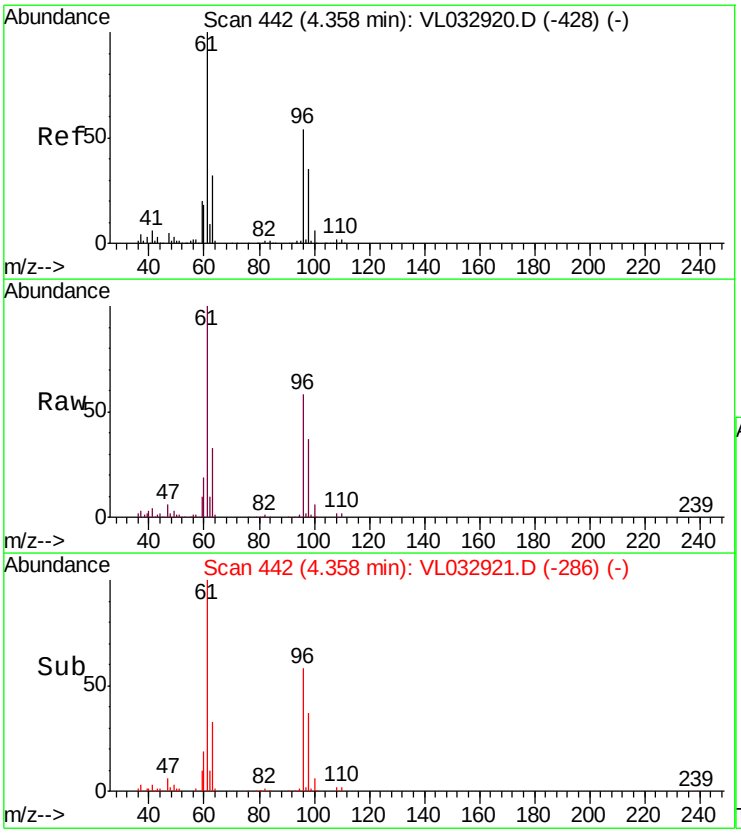
#17
tert-Butyl alcohol
Concen: 1.632 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.02 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 59 Resp: 48059

Ion	Ratio	Lower	Upper
59	100		
57	9.8	0.6	1.0#

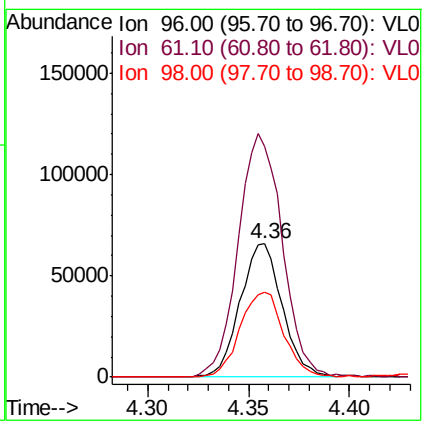


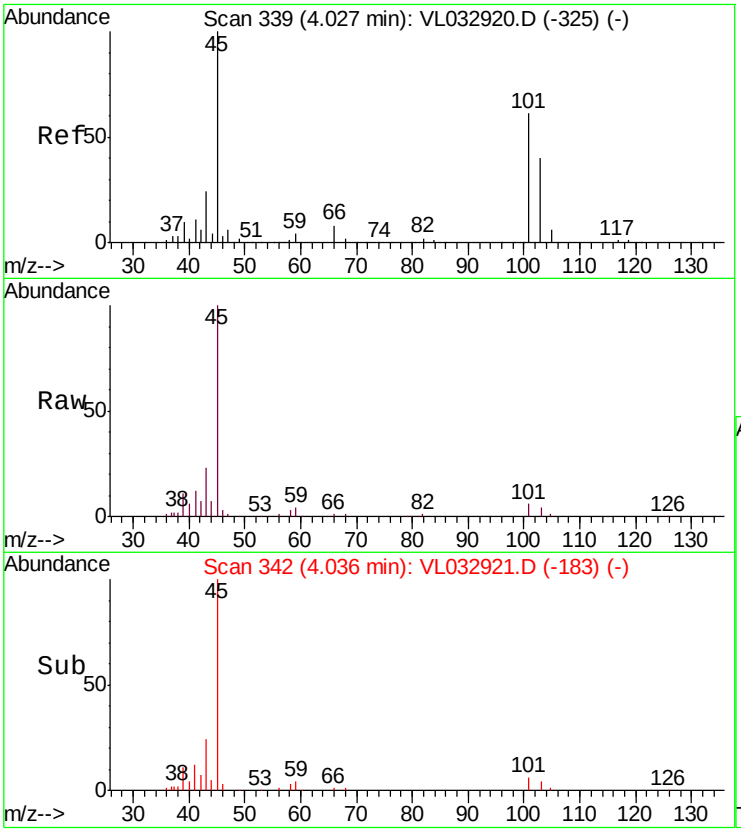


#18
1,1-Dichloroethene
Concen: 1.808 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 96 Resp: 96309

Ion	Ratio	Lower	Upper
96	100		
61	173.2	147.0	220.4
98	63.9	50.7	76.1



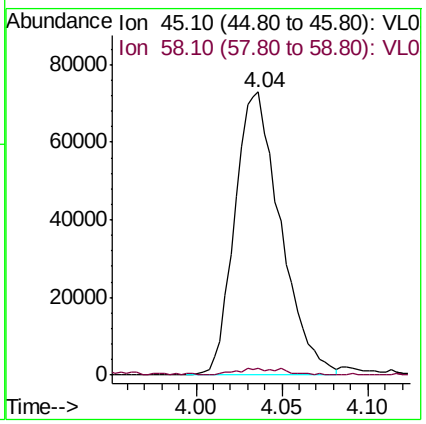


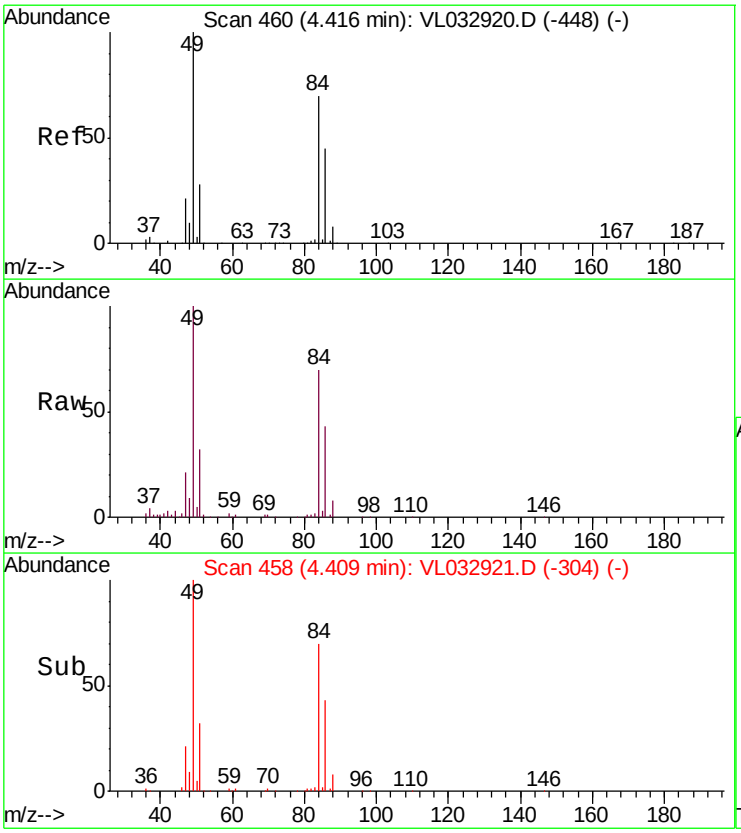
#19
Isopropyl Alcohol
Concen: 1.753 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 134499

Ion	Ratio	Lower	Upper
45	100		
58	2.8	1.4	2.2#

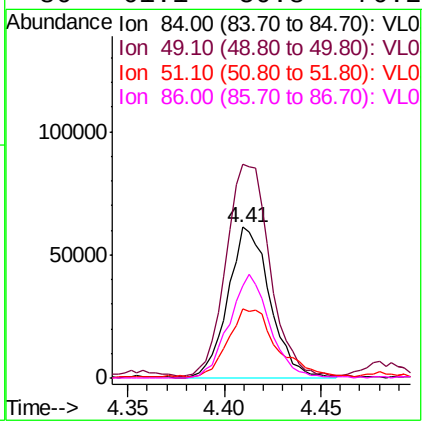


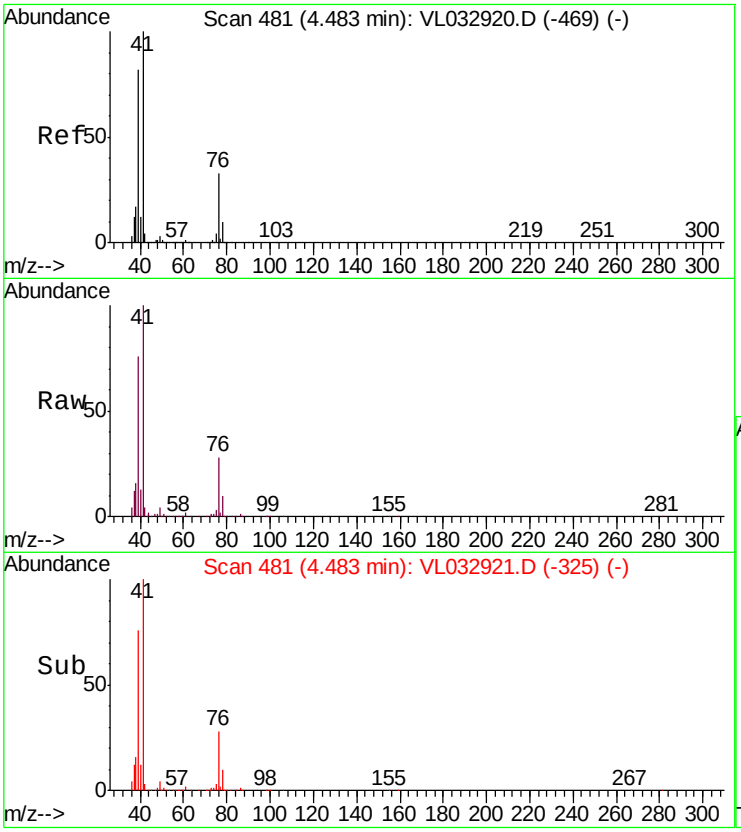


#20
Methylene Chloride
Concen: 1.550 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 84 Resp: 92363

Ion	Ratio	Lower	Upper
84	100		
49	140.4	113.8	170.8
51	44.6	31.8	47.8
86	61.1	50.8	76.2



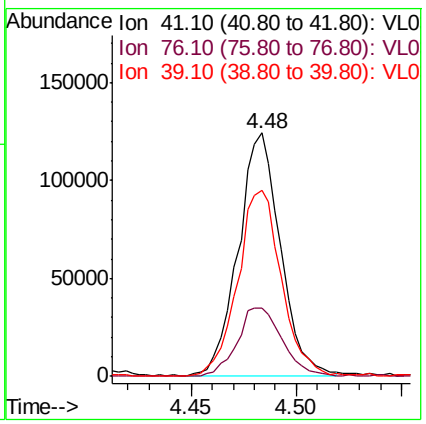


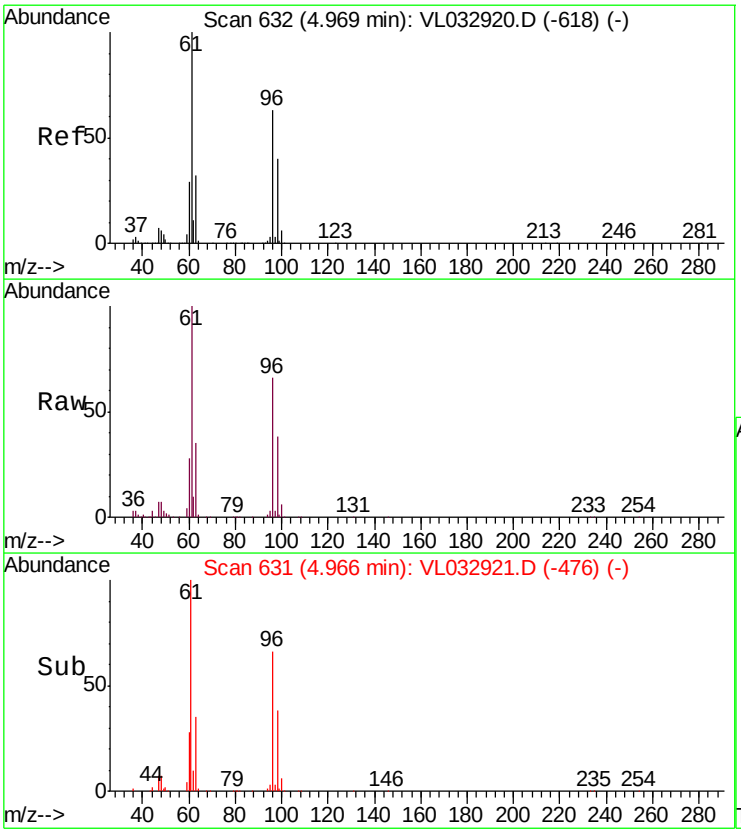
#21
Allyl Chloride
Concen: 2.205 ppbv
RT: 4.48 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 172478

Ion	Ratio	Lower	Upper
41	100		
76	30.4	25.2	37.8
39	80.0	65.2	97.8

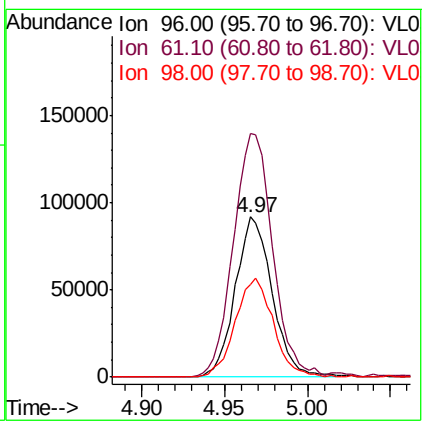


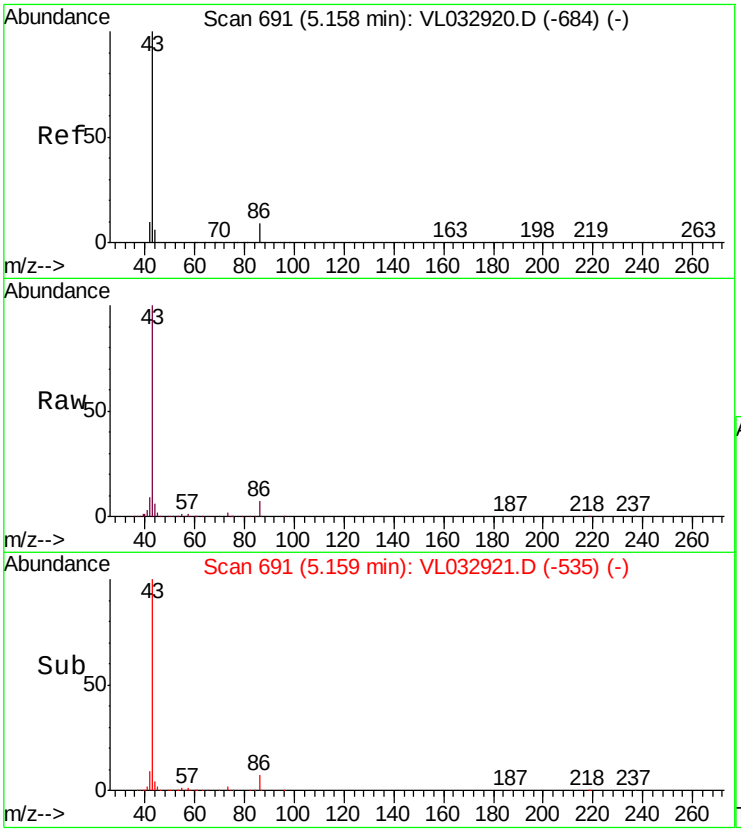


#22
trans-1,2-Dichloroethene
Concen: 2.208 ppbv
RT: 4.97 min Scan# 631
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 96 Resp: 142081

Ion	Ratio	Lower	Upper
96	100		
61	152.3	127.1	190.7
98	57.5	51.3	76.9



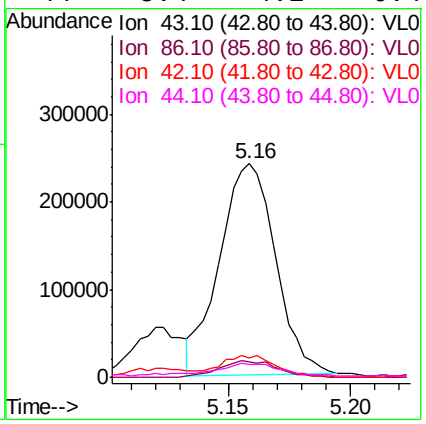


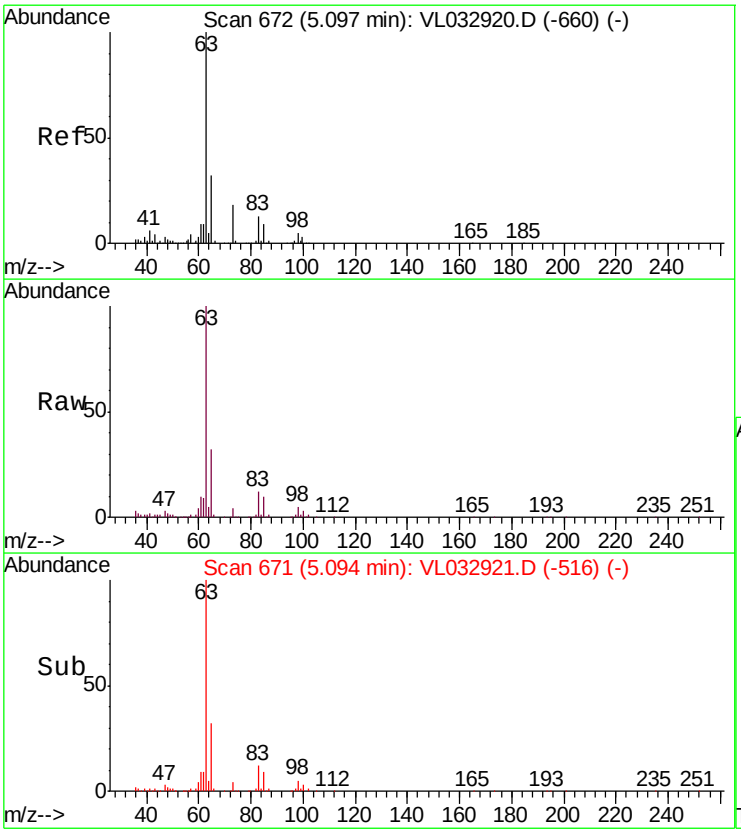
#23
Vinyl Acetate
Concen: 1.926 ppbv
RT: 5.16 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 384999

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	9.8
42	8.8	8.3	12.5
44	5.4	4.2	6.4

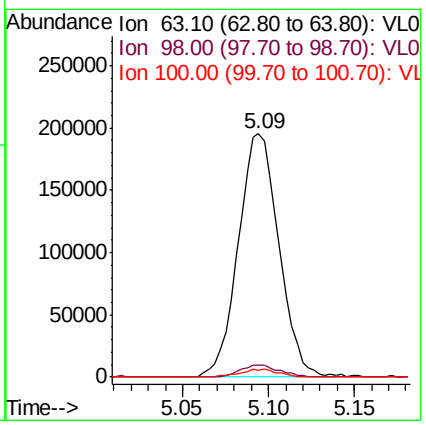


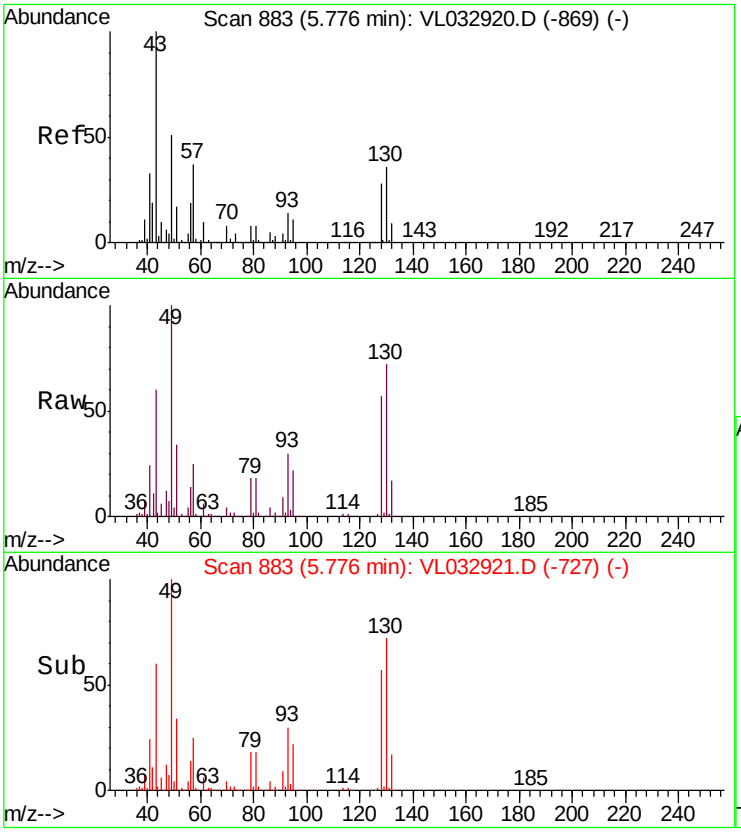


#24
1,1-Dichloroethane
Concen: 2.077 ppbv
RT: 5.09 min Scan# 671
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 63 Resp: 319475

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.5	7.5
100	3.0	1.4	4.2



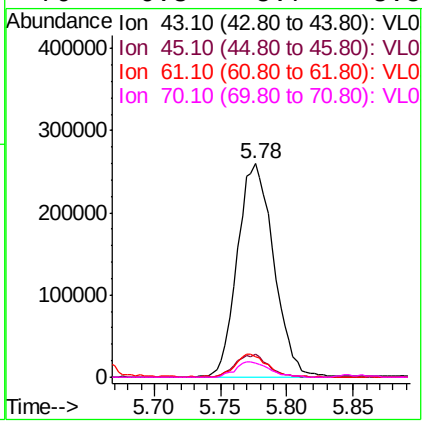


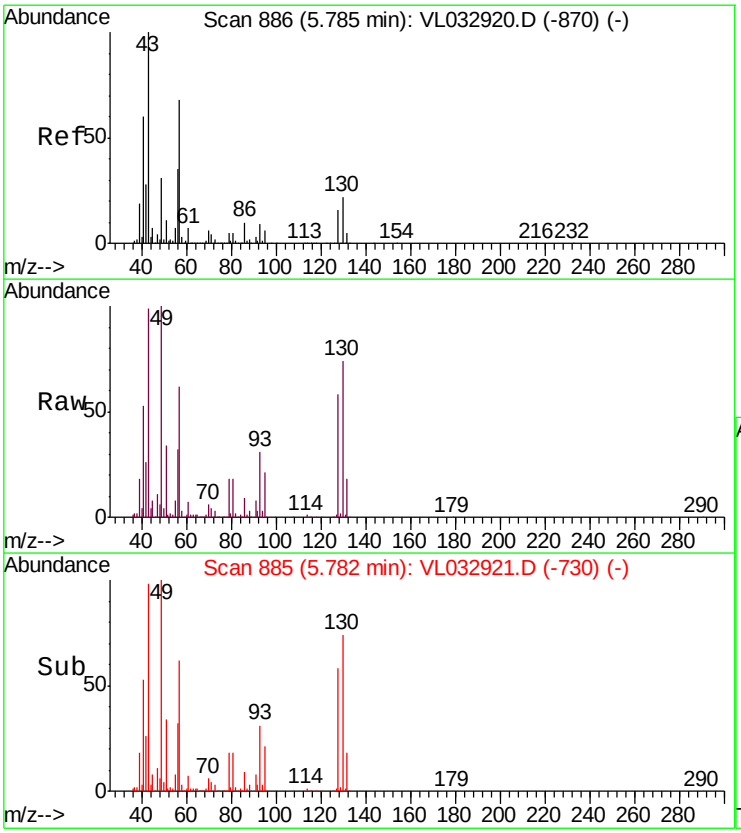
#25
Ethyl Acetate
Concen: 1.991 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 498187

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.6
61	9.5	7.4	11.2
70	6.8	5.7	8.5

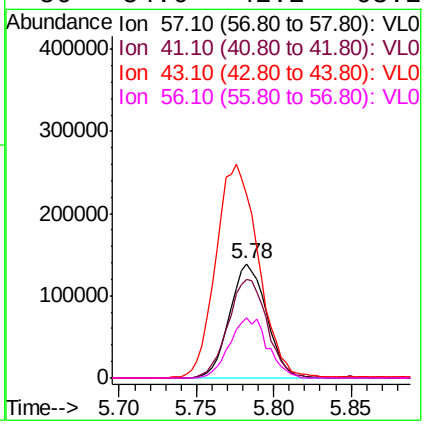


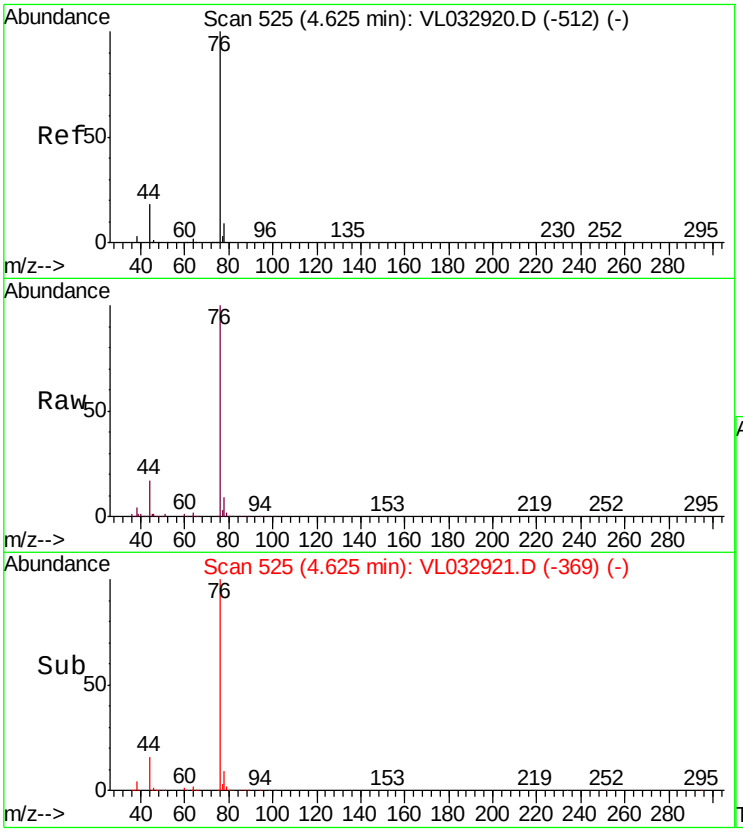


#26
Hexane
Concen: 1.953 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 57 Resp: 229484

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.2	108.2
43	217.0	171.9	257.9
56	54.6	42.2	63.2



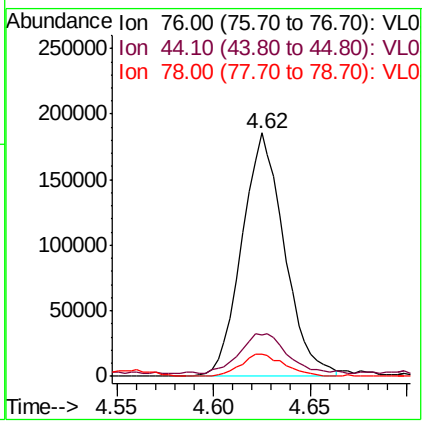


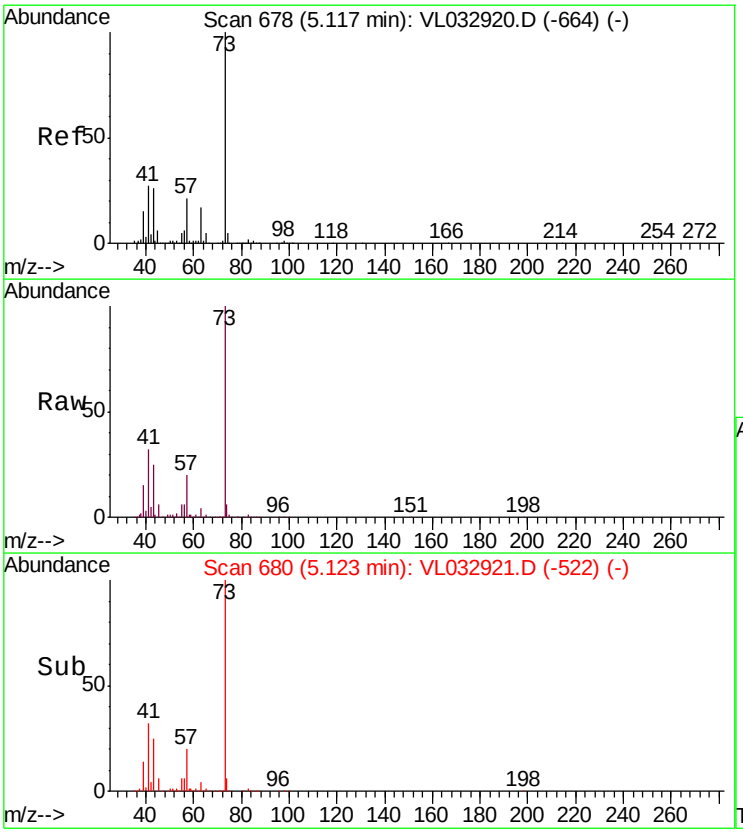
#27
Carbon Disulfide
Concen: 1.918 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 284979

Ion	Ratio	Lower	Upper
76	100		
44	19.7	14.7	22.1
78	9.6	7.4	11.2

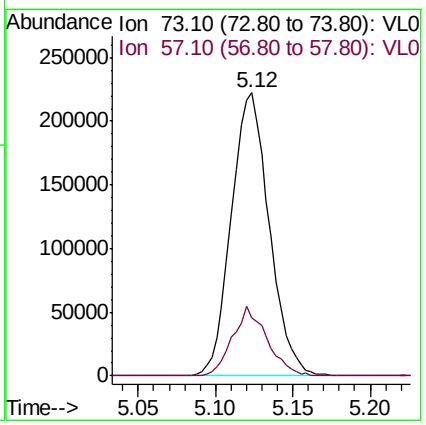


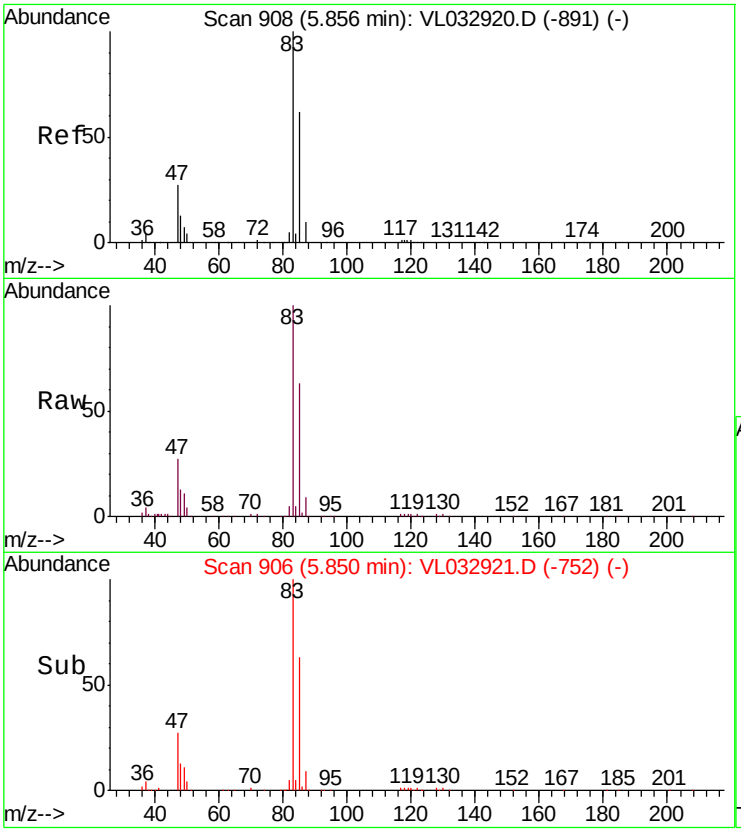


#28
Methyl tert-Butyl Ether
Concen: 2.013 ppbv
RT: 5.12 min Scan# 680
Delta R.T. 0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 73 Resp: 378898

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.4	26.0



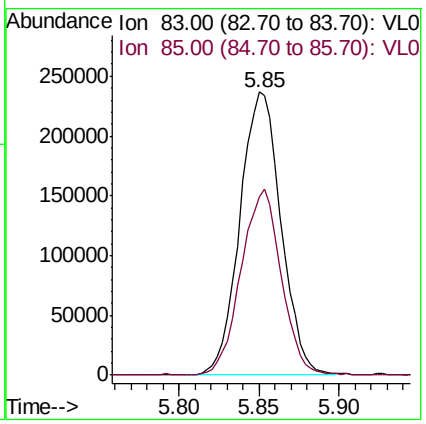


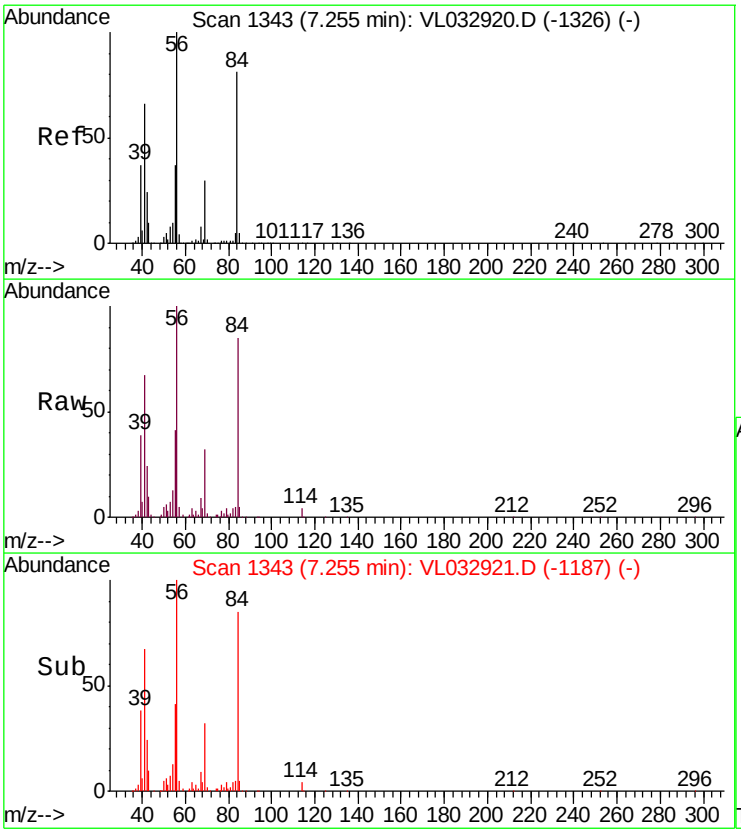
#29
Chloroform
Concen: 2.125 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 414586

Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.8	74.8

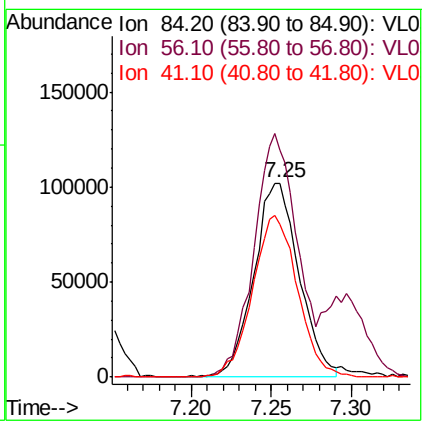


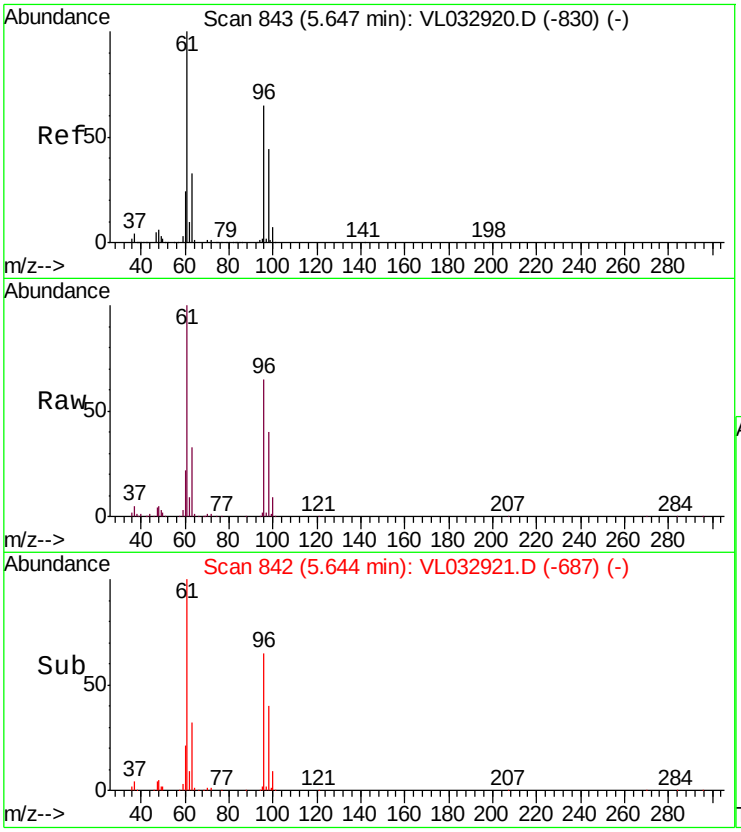


#30
Cyclohexane
Concen: 2.078 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 84 Resp: 199368

Ion	Ratio	Lower	Upper
84	100		
56	158.6	102.5	153.7#
41	83.3	64.1	96.1



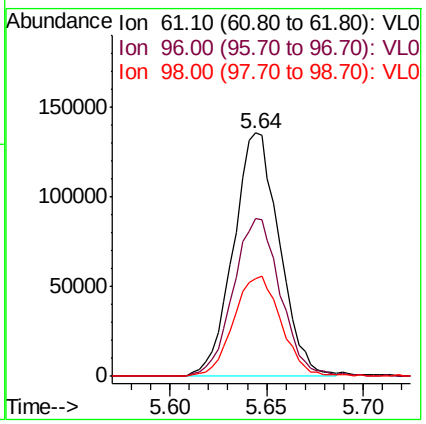


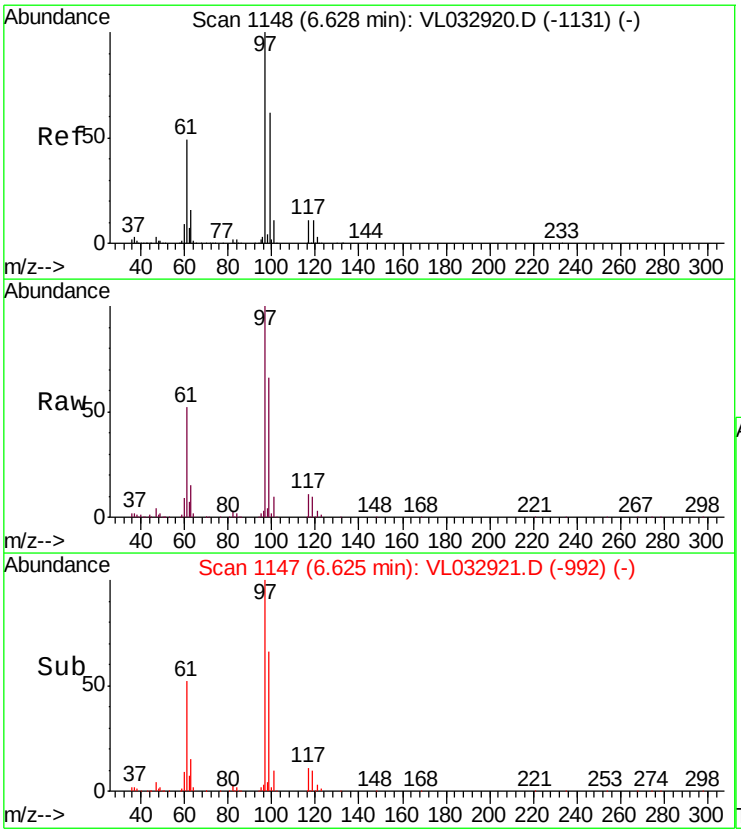
#31
cis-1,2-Dichloroethene
Concen: 2.098 ppbv
RT: 5.64 min Scan# 842
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 224268

Ion	Ratio	Lower	Upper
61	100		
96	64.5	51.9	77.9
98	40.3	35.0	52.4

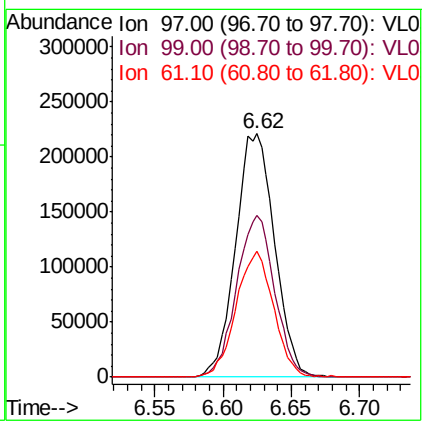


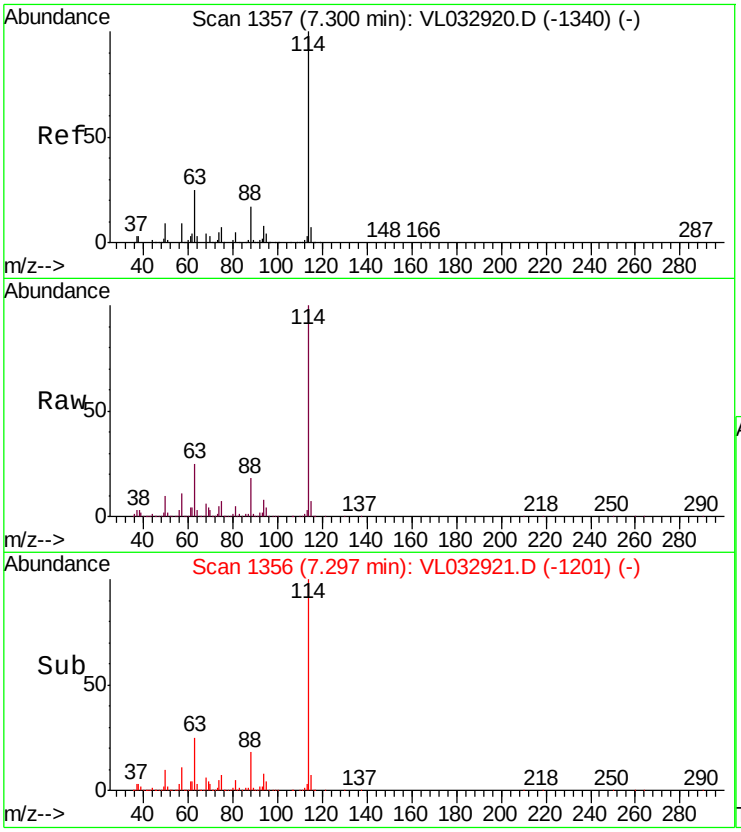


#32
1,1,1-Trichloroethane
Concen: 2.013 ppbv
RT: 6.62 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 97 Resp: 439733

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	49.7	39.3	58.9



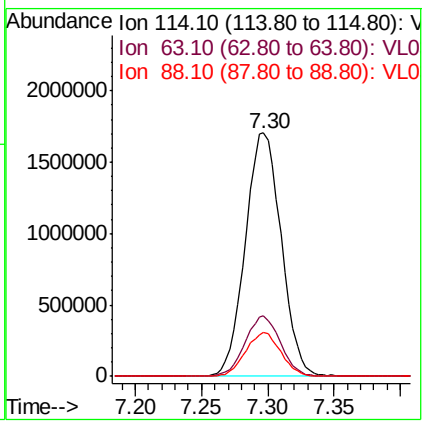


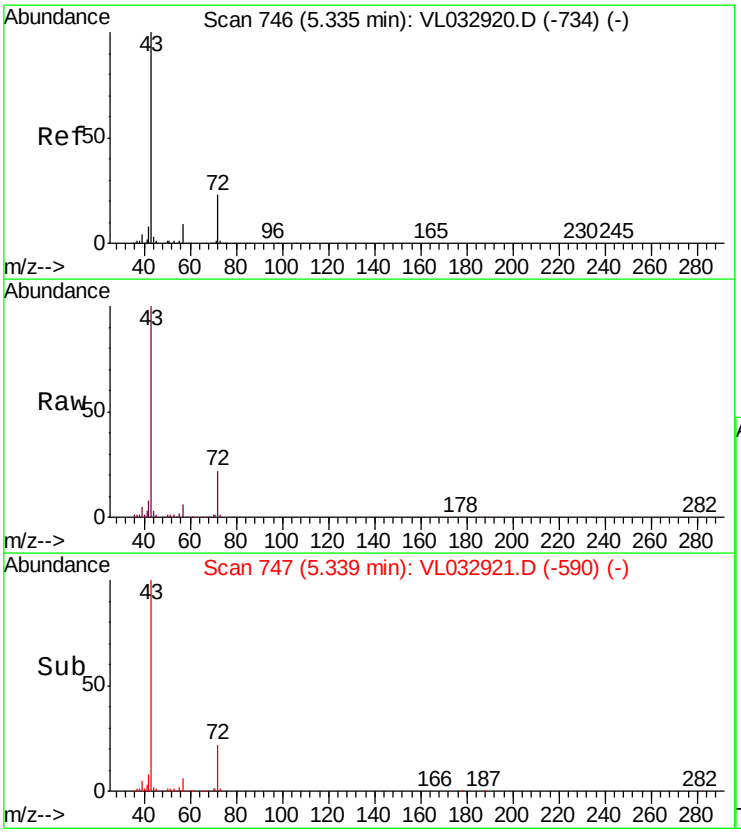
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3221788

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.1	30.1
88	17.6	14.2	21.4

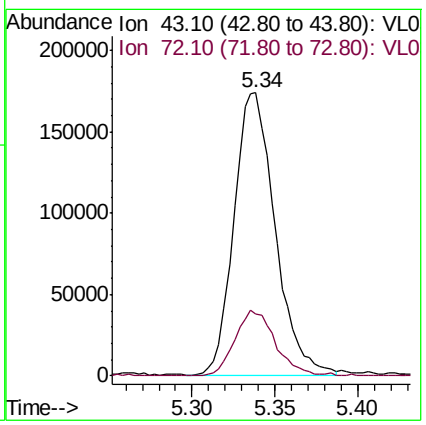


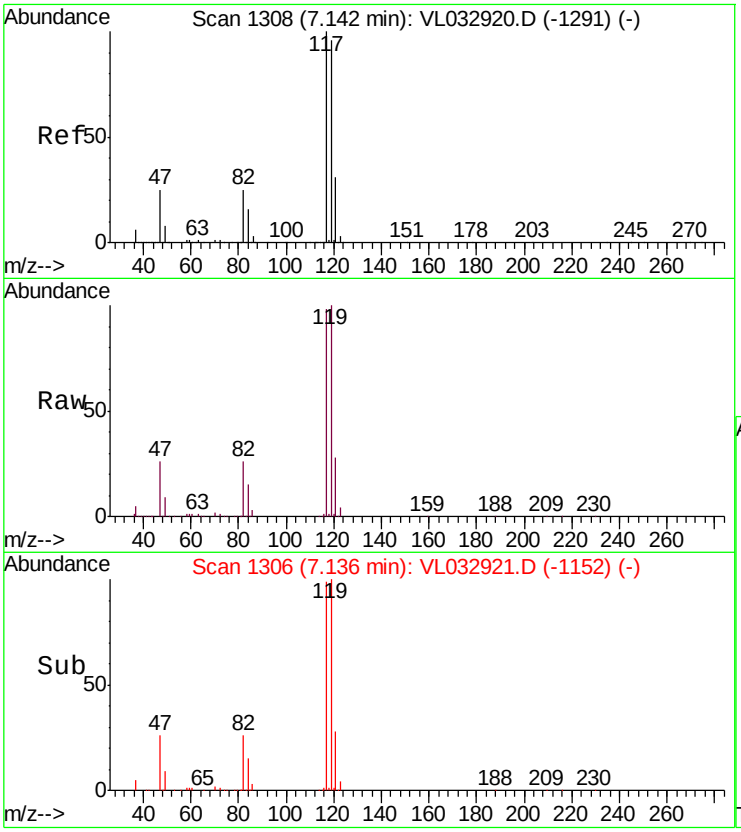


#34
2-Butanone
Concen: 1.879 ppbv
RT: 5.34 min Scan# 747
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 43 Resp: 299639

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.8	28.2



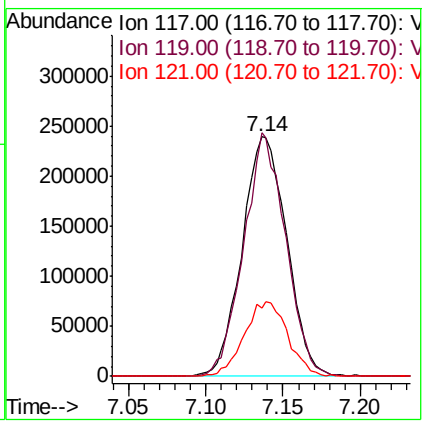


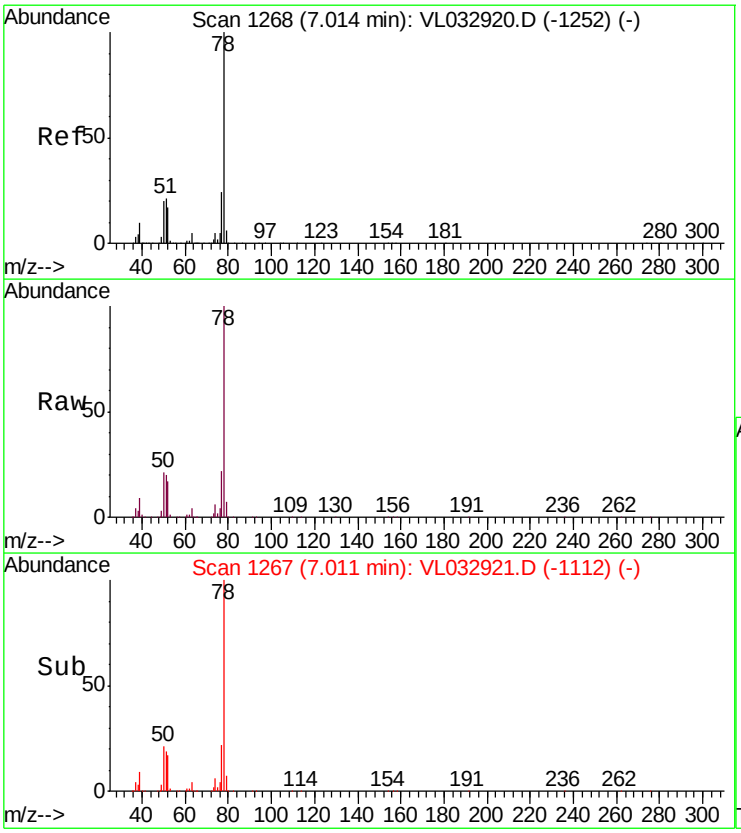
#35
Carbon Tetrachloride
Concen: 2.007 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 480966

Ion	Ratio	Lower	Upper
117	100		
119	101.5	76.5	114.7
121	28.5	24.5	36.7

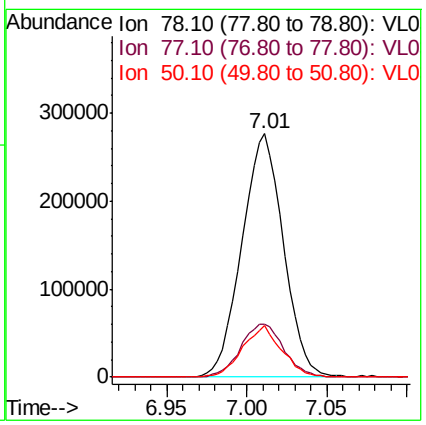


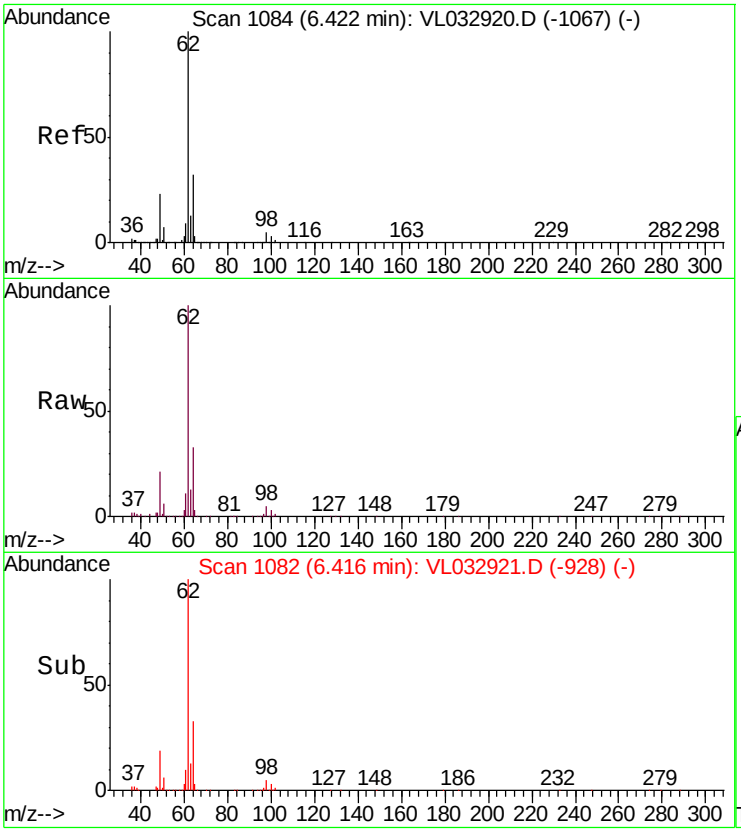


#36
Benzene
Concen: 1.950 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 78 Resp: 492085

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.9	28.3
50	21.2	16.1	24.1



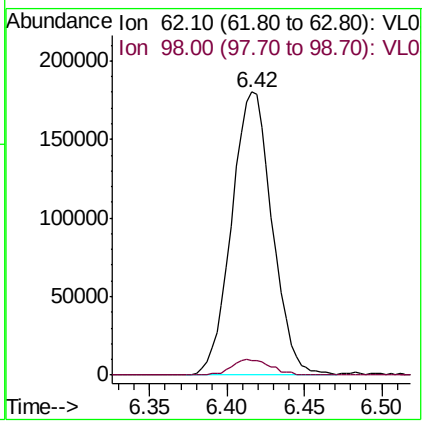


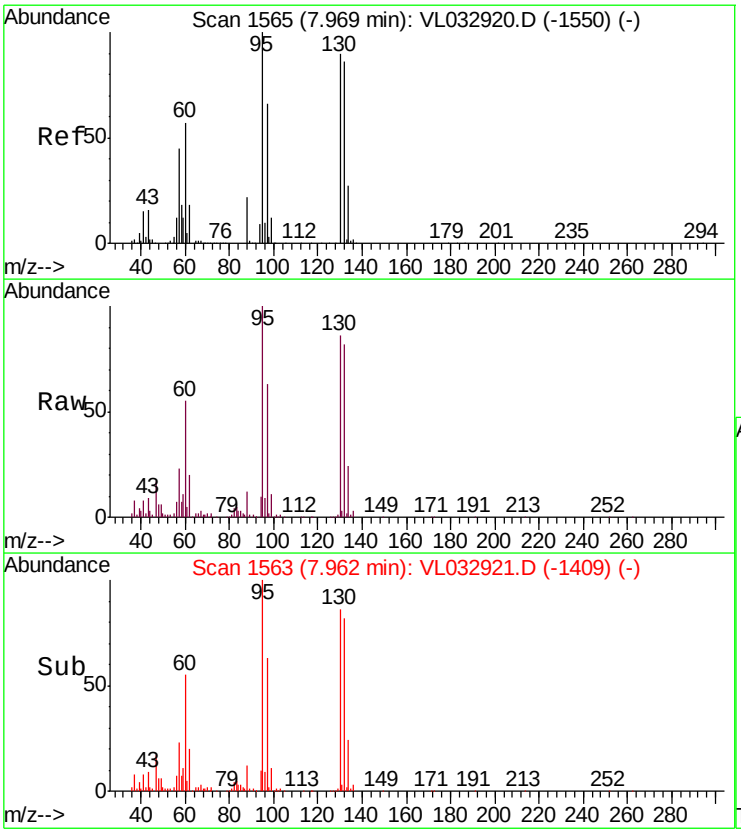
#37
1,2-Dichloroethane
Concen: 2.019 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 327670

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.3	6.5

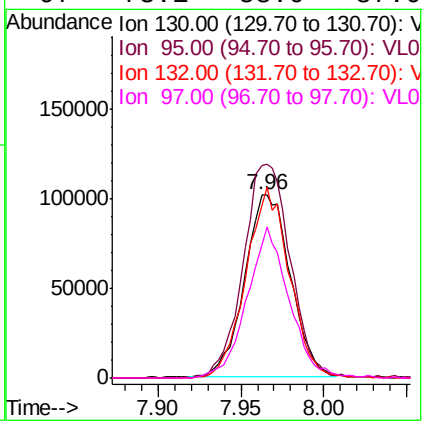


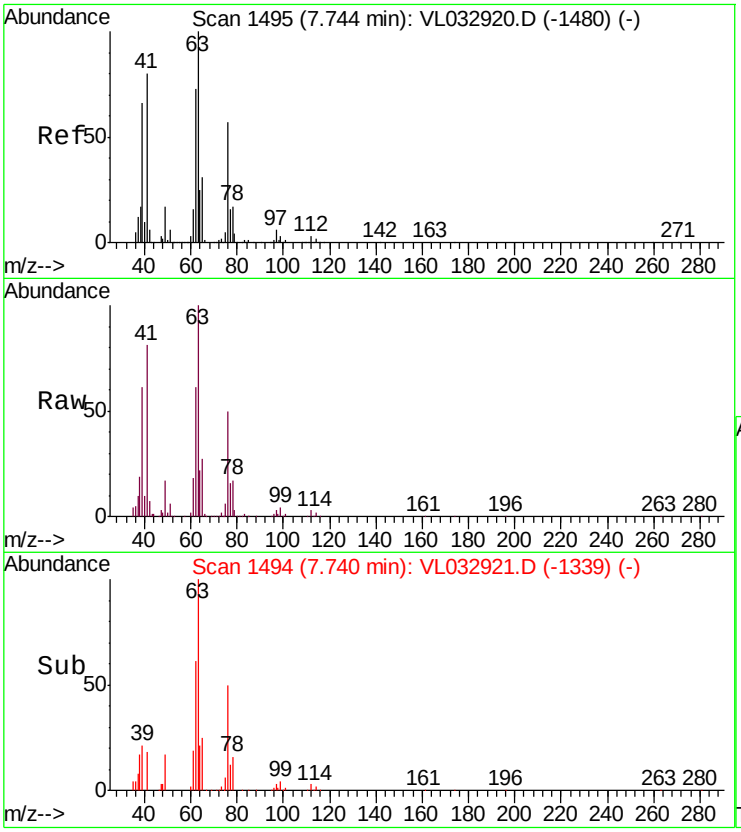


#38
Trichloroethene
Concen: 1.944 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:130 Resp: 195446

Ion	Ratio	Lower	Upper
130	100		
95	115.5	88.6	132.8
132	94.6	76.1	114.1
97	73.1	58.0	87.0



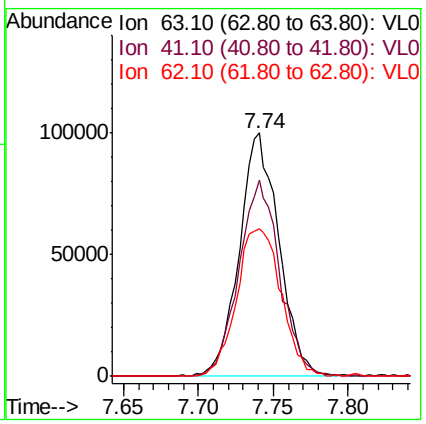


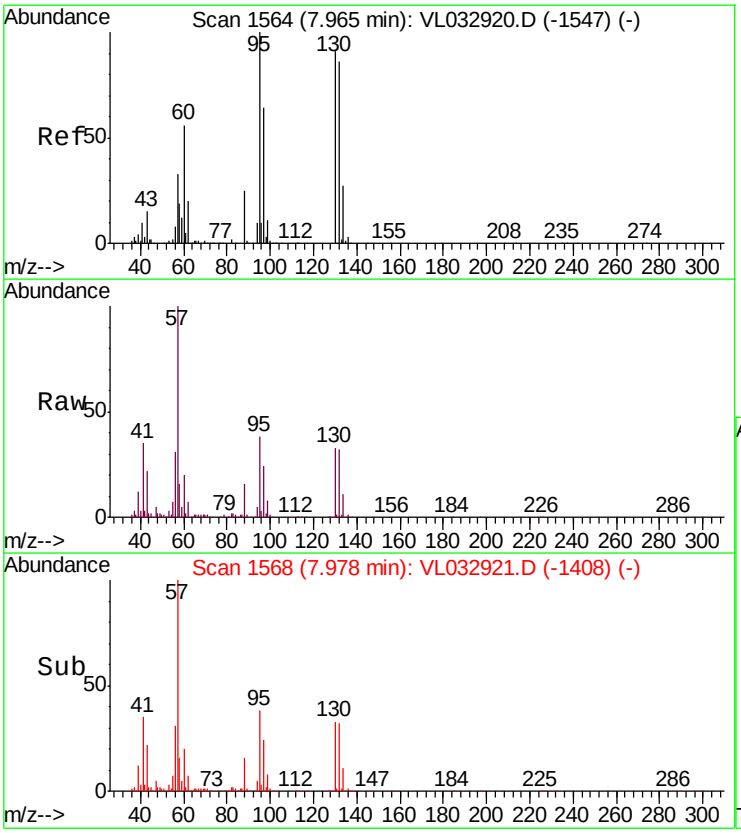
#39
1,2-Dichloropropane
Concen: 1.970 ppbv
RT: 7.74 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 182253

Ion	Ratio	Lower	Upper
63	100		
41	80.9	63.9	95.9
62	60.5	58.8	88.2

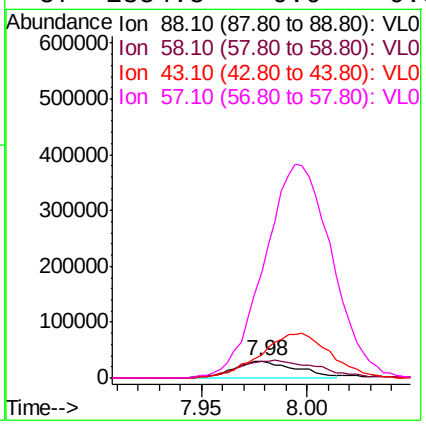


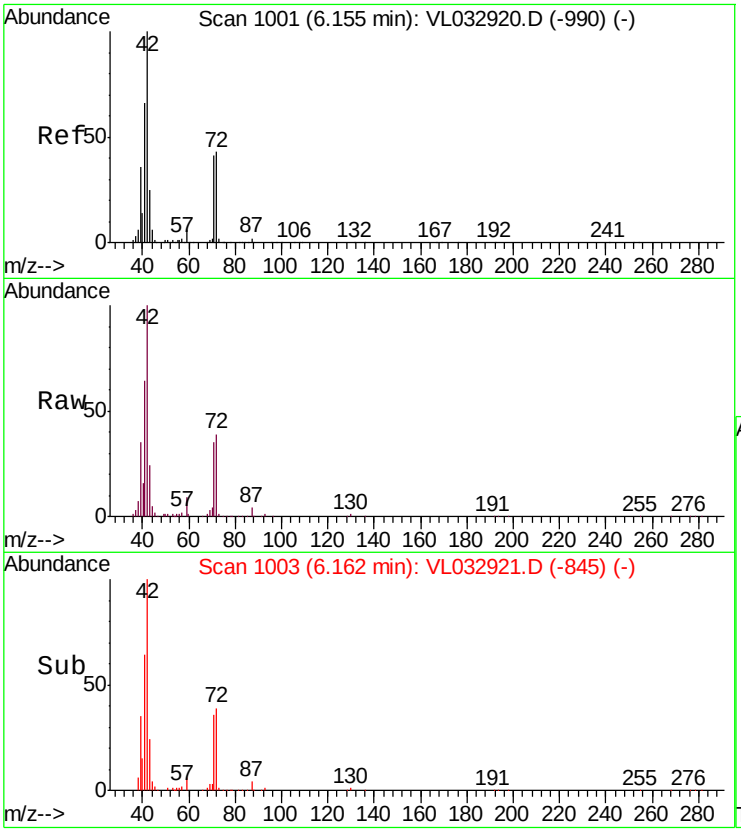


#40
1,4-Dioxane
Concen: 1.809 ppbv
RT: 7.98 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 88 Resp: 63227

Ion	Ratio	Lower	Upper
88	100		
58	139.1	107.4	161.2
43	295.5	0.0	0.0#
57	1354.5	0.0	0.0#



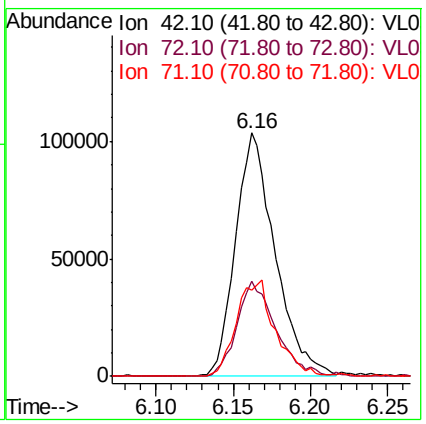


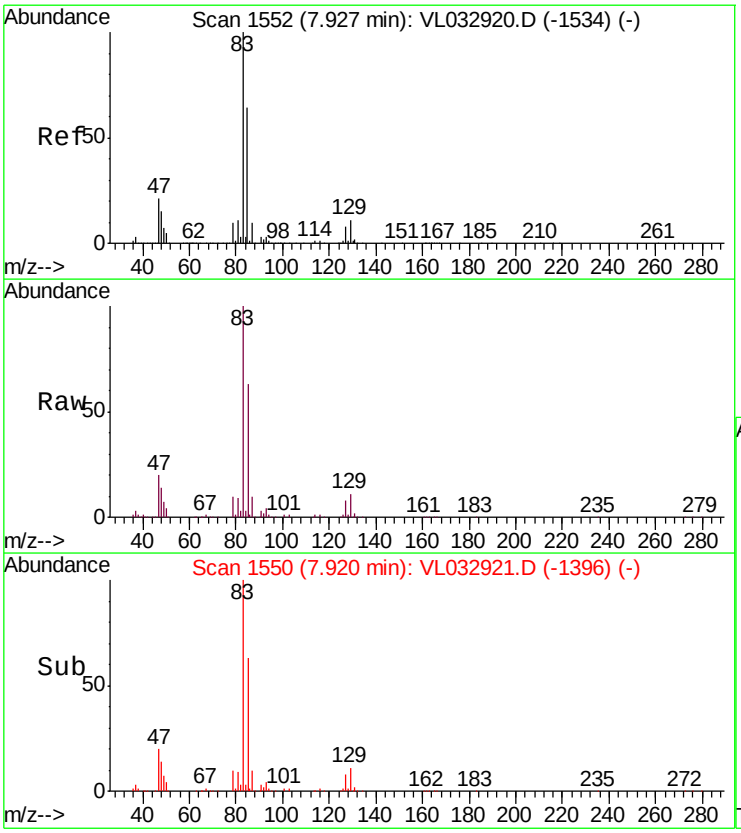
#41
Tetrahydrofuran
Concen: 2.029 ppbv
RT: 6.16 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 184288

Ion	Ratio	Lower	Upper
42	100		
72	38.7	32.9	49.3
71	39.3	32.0	48.0

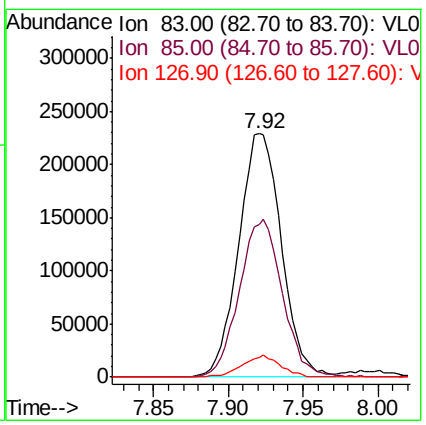


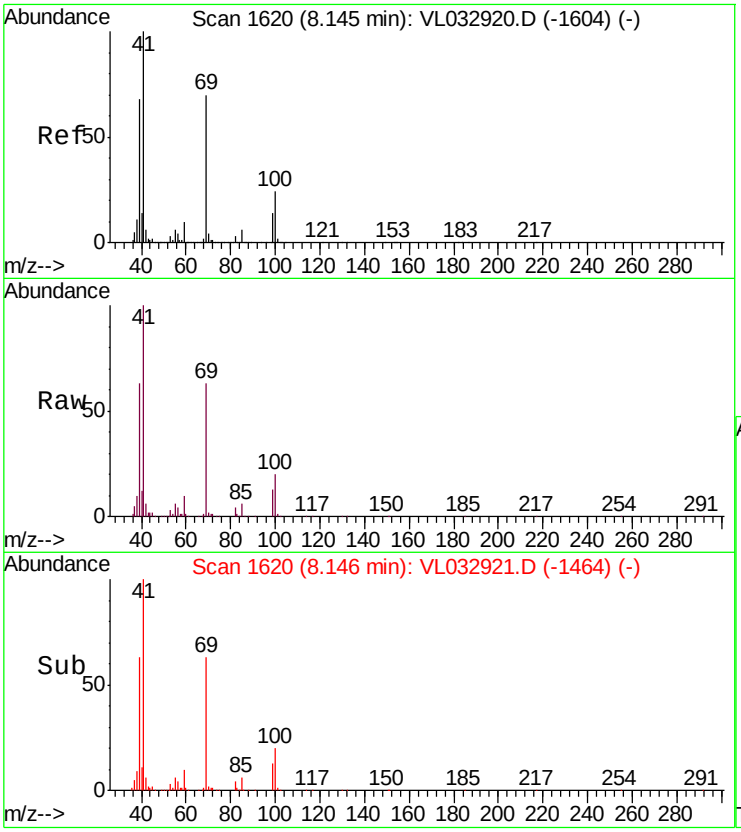


#42
Bromodichloromethane
Concen: 2.019 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 83 Resp: 455700

Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.9	76.3
127	8.1	6.7	10.1



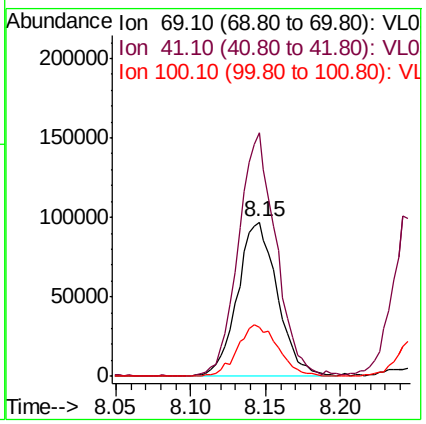


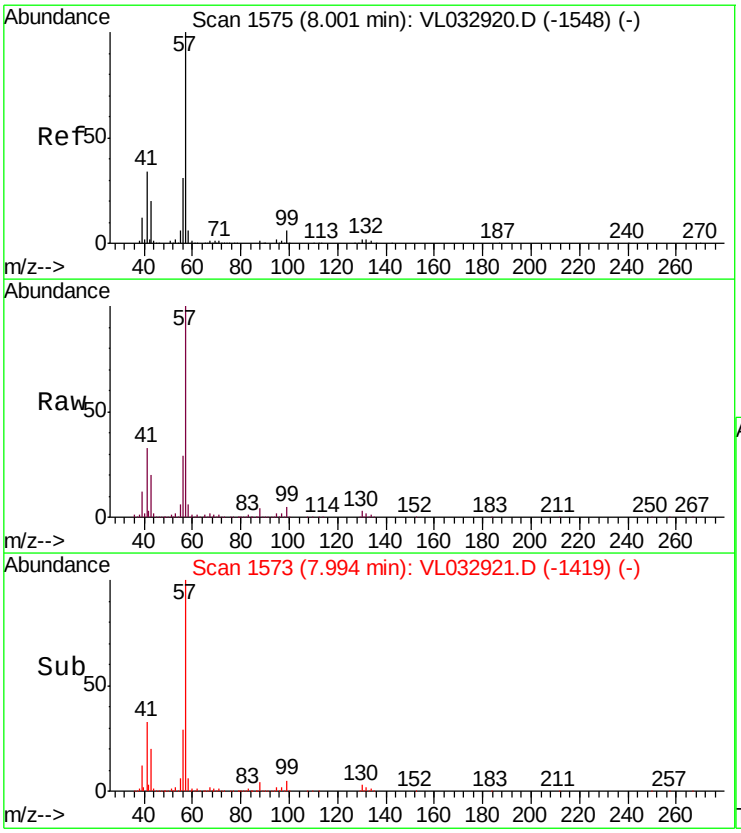
#43
Methyl Methacrylate
Concen: 1.930 ppbv
RT: 8.15 min Scan# 1620
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 180080

Ion	Ratio	Lower	Upper
69	100		
41	149.7	116.6	175.0
100	34.0	26.5	39.7

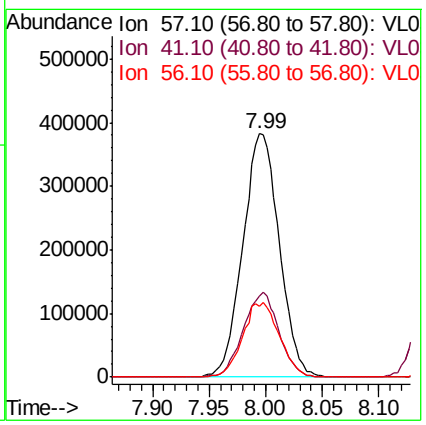


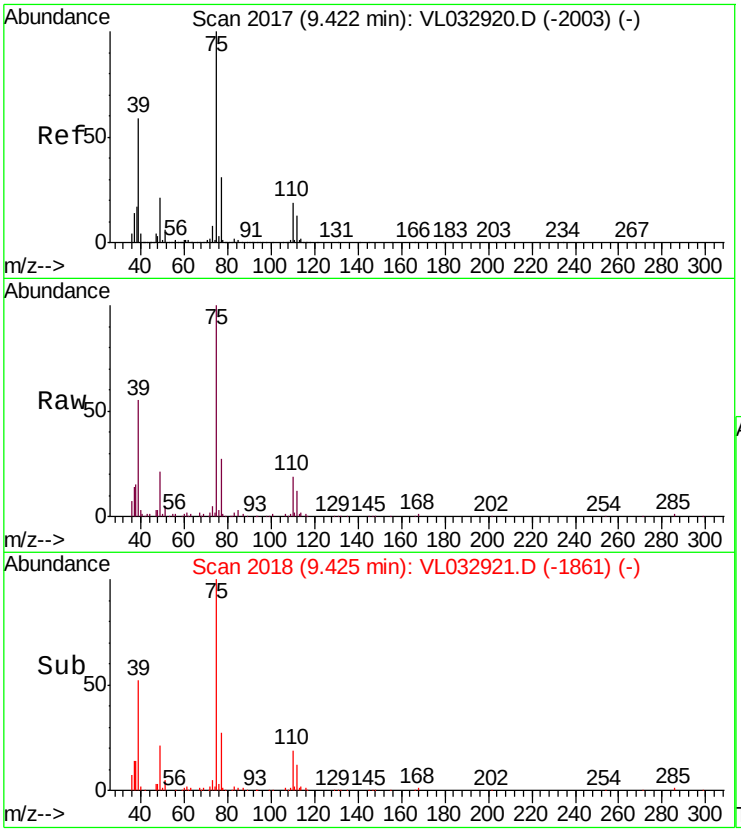


#44
2,2,4-Trimethylpentane
Concen: 2.078 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 57 Resp: 855744

Ion	Ratio	Lower	Upper
57	100		
41	34.0	27.0	40.4
56	31.0	24.6	37.0



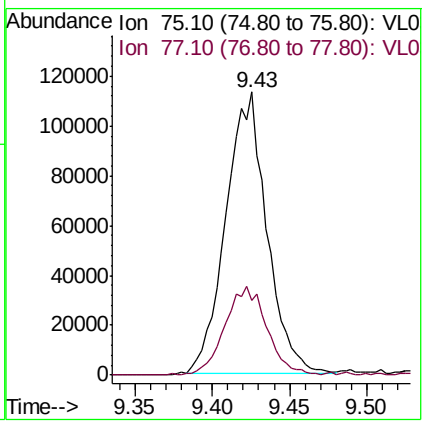


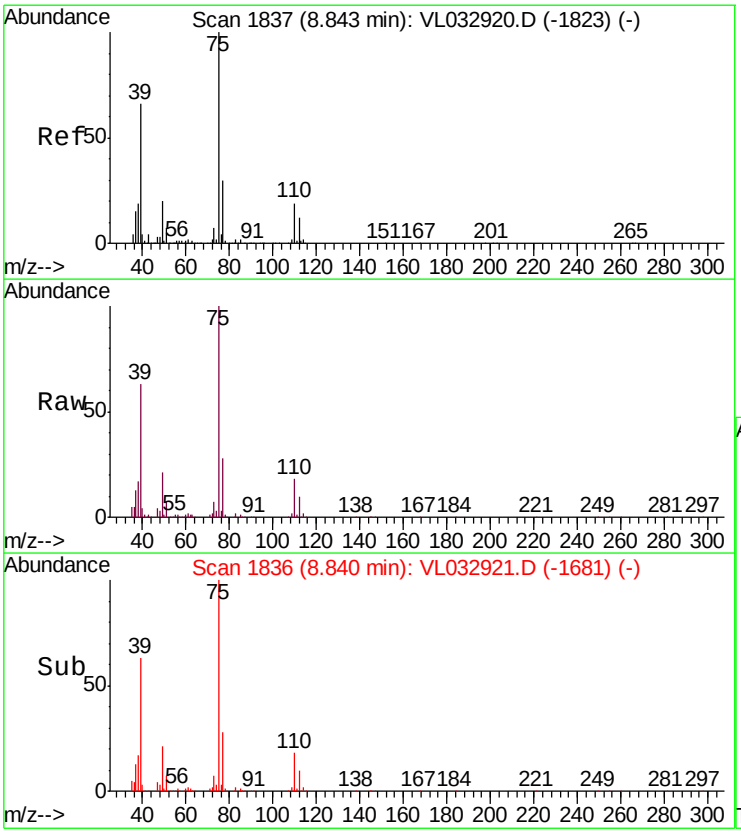
#45
t-1,3-Dichloropropene
Concen: 1.688 ppbv
RT: 9.43 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 206884

Ion	Ratio	Lower	Upper
75	100		
77	26.6	24.8	37.2

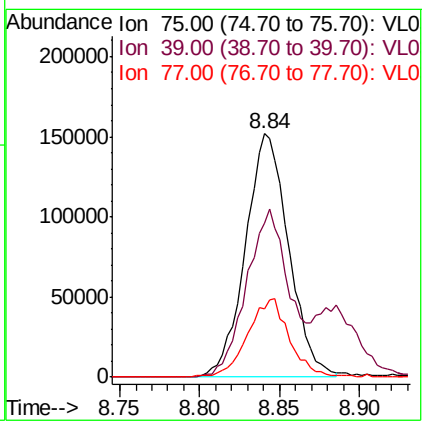


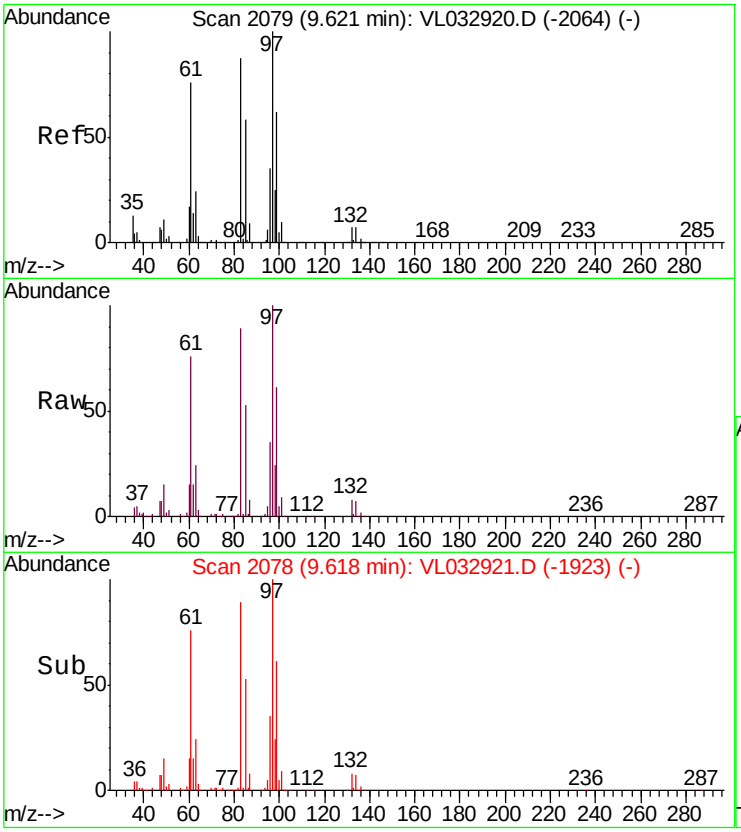


#46
cis-1,3-Dichloropropene
Concen: 2.022 ppbv
RT: 8.84 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 75 Resp: 280910

Ion	Ratio	Lower	Upper
75	100		
39	63.2	52.8	79.2
77	28.2	24.3	36.5



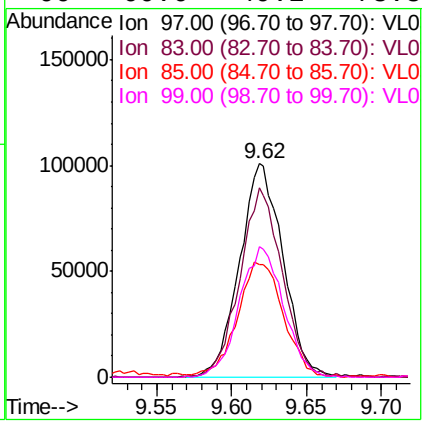


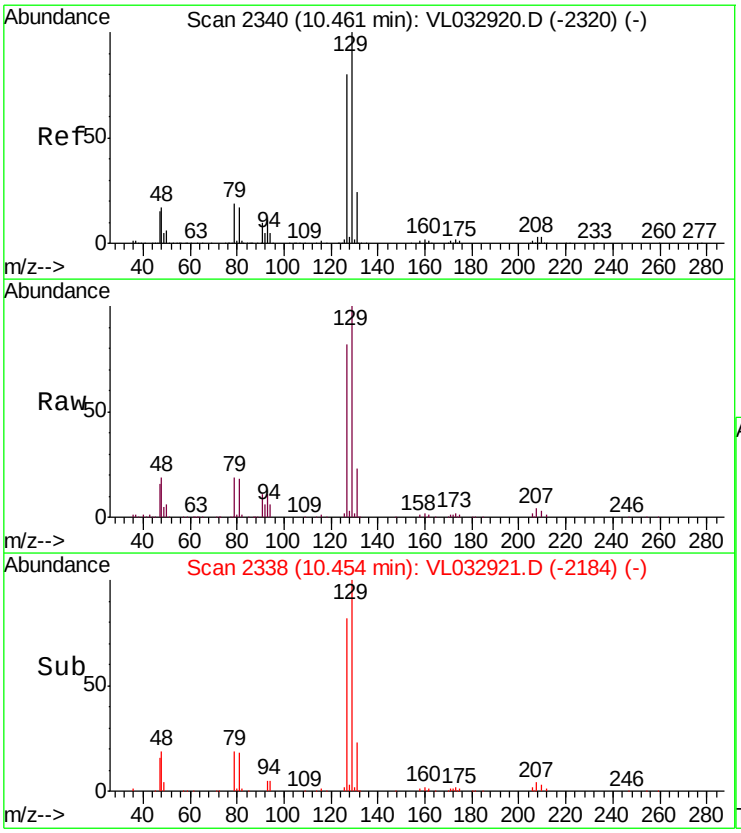
#47
1,1,2-Trichloroethane
Concen: 1.863 ppbv
RT: 9.62 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 203668

Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.8	104.8
85	51.9	46.7	70.1
99	60.6	49.2	73.8

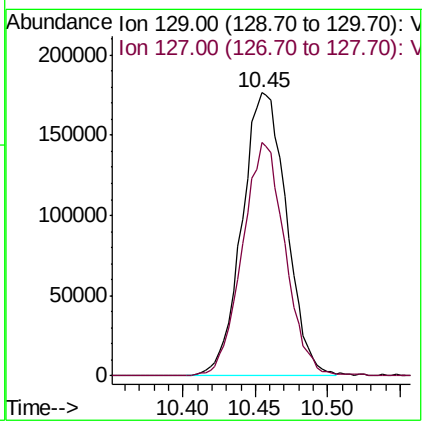


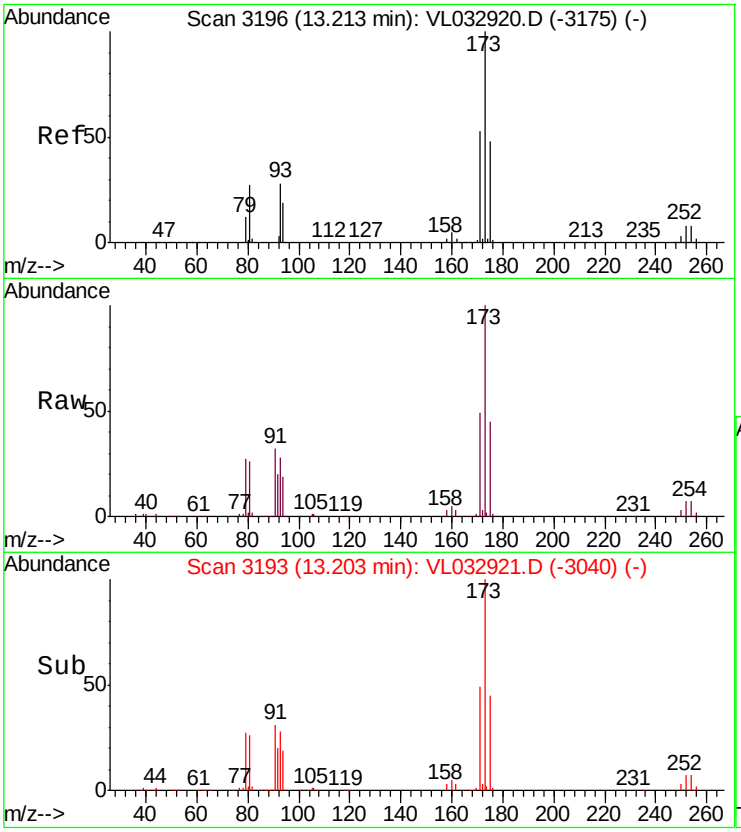


#48
Dibromochloromethane
Concen: 1.866 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:129 Resp: 376978

Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.3	117.8



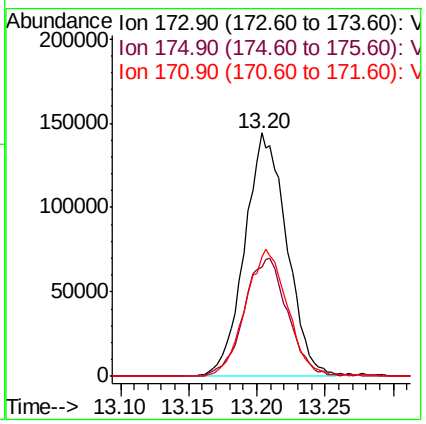


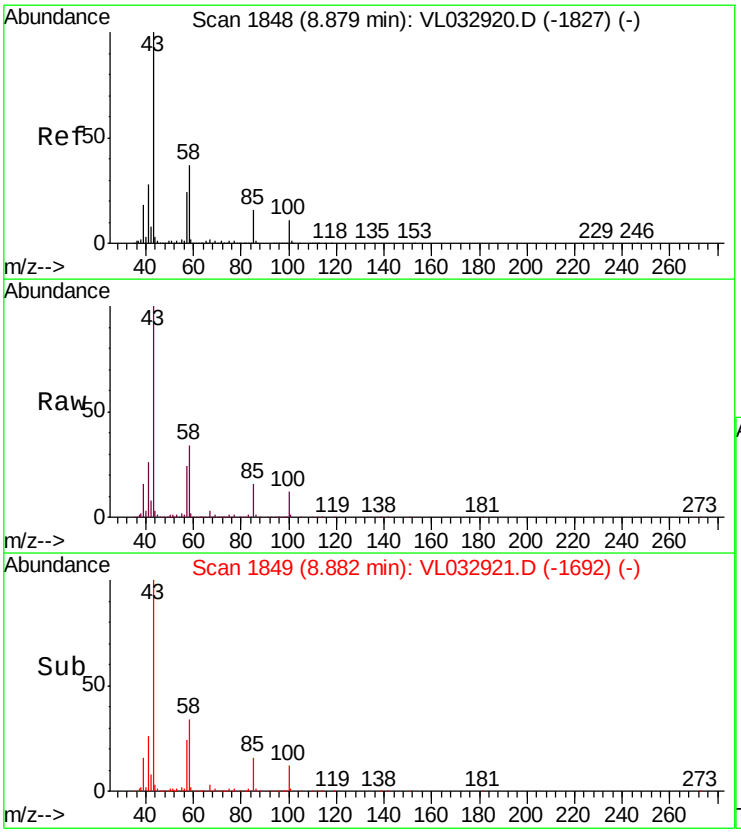
#49
Bromoform
Concen: 1.821 ppbv
RT: 13.20 min Scan# 3193
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 308760

Ion	Ratio	Lower	Upper
173	100		
175	50.6	39.0	58.4
171	52.6	41.5	62.3

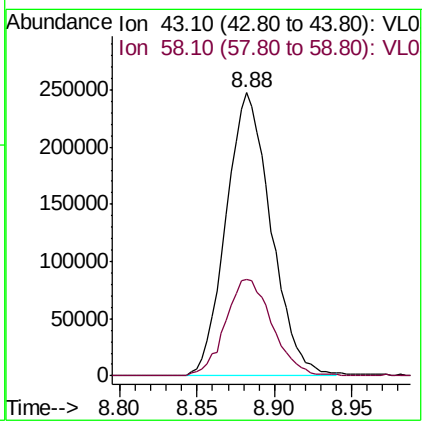


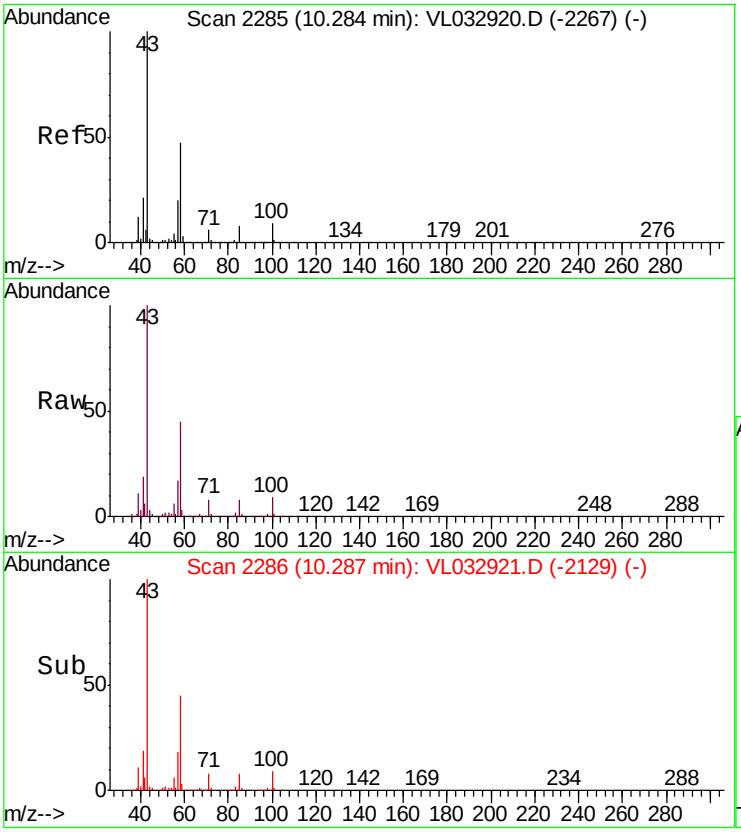


#50
4-Methyl-2-Pentanone
Concen: 2.122 ppbv
RT: 8.88 min Scan# 1849
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 43 Resp: 495047

Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.0	43.4



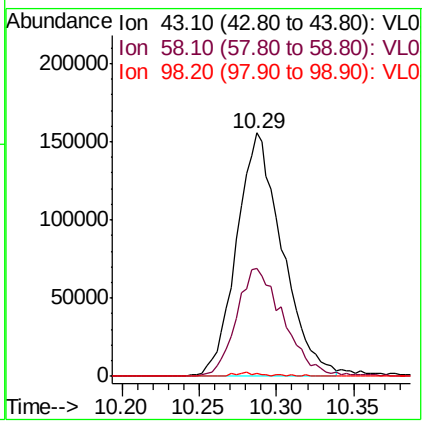


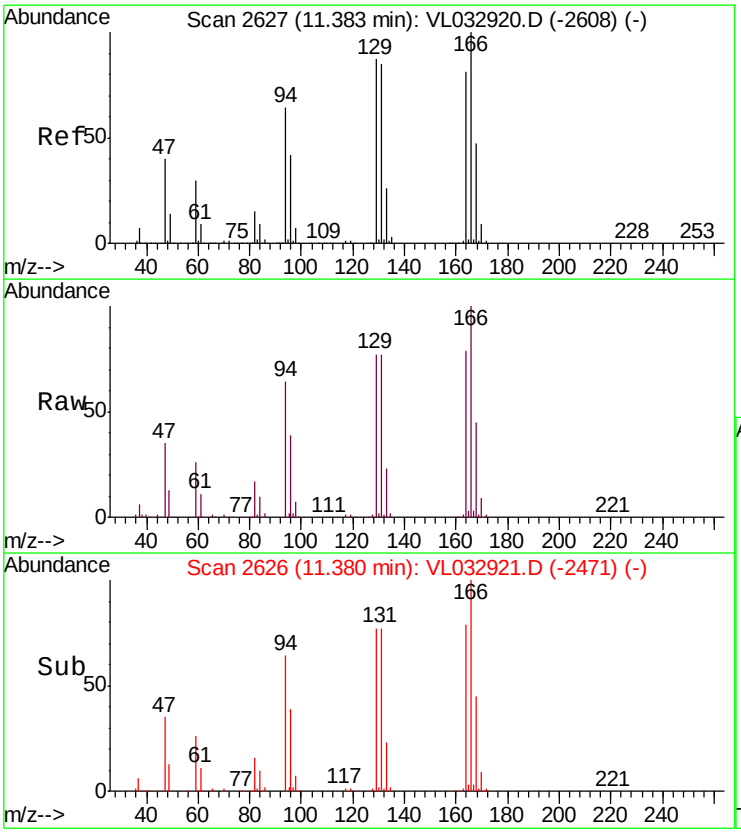
#51
2-Hexanone
Concen: 1.852 ppbv
RT: 10.29 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 319506

Ion	Ratio	Lower	Upper
43	100		
58	46.1	38.1	57.1
98	1.4	0.4	0.6#

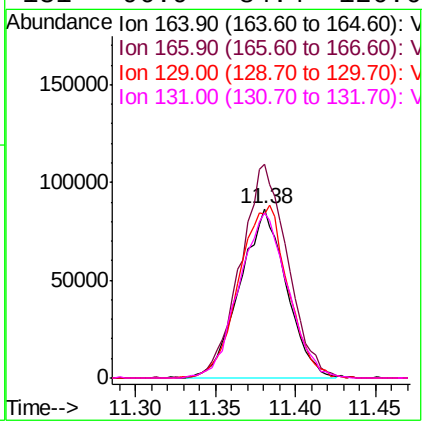


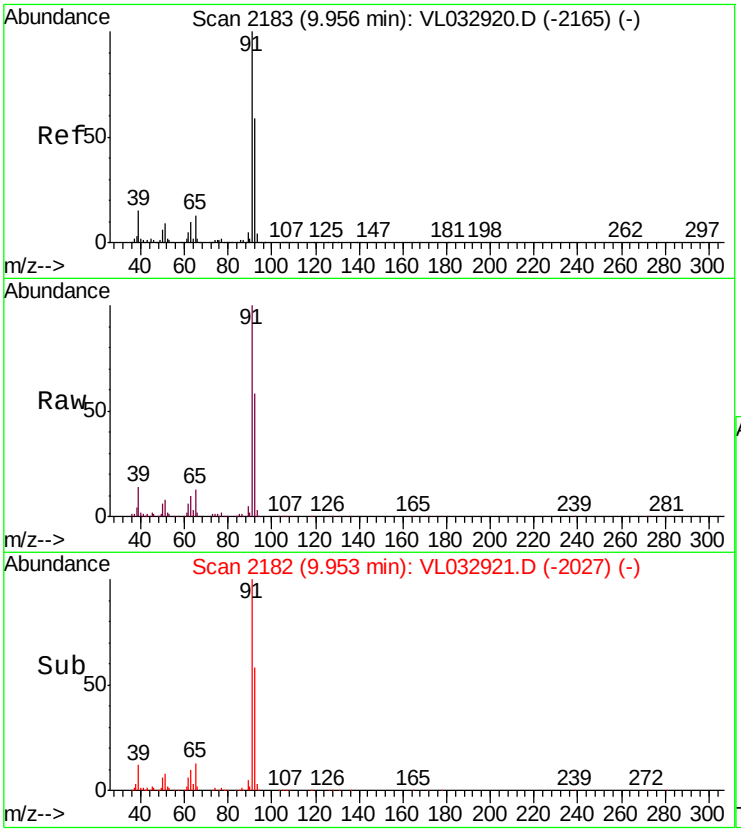


#52
Tetrachloroethene
Concen: 1.821 ppbv
RT: 11.38 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:164 Resp: 171978

Ion	Ratio	Lower	Upper
164	100		
166	125.6	98.8	148.2
129	96.5	85.5	128.3
131	96.9	84.4	126.6



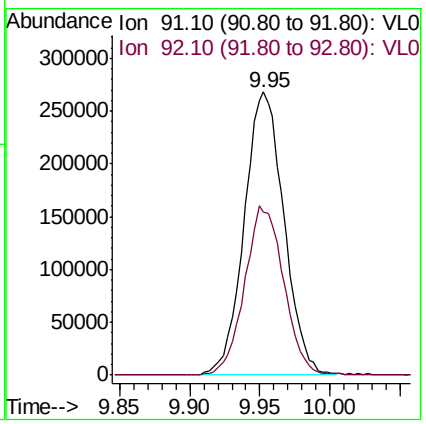


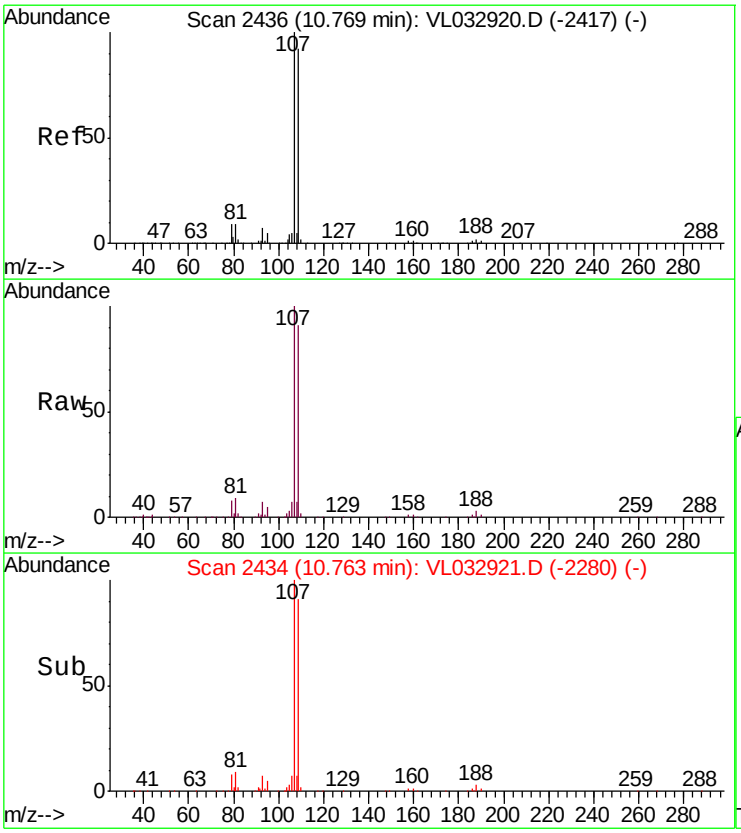
#53
Toluene
Concen: 1.847 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 528208

Ion	Ratio	Lower	Upper
91	100		
92	58.9	47.4	71.0

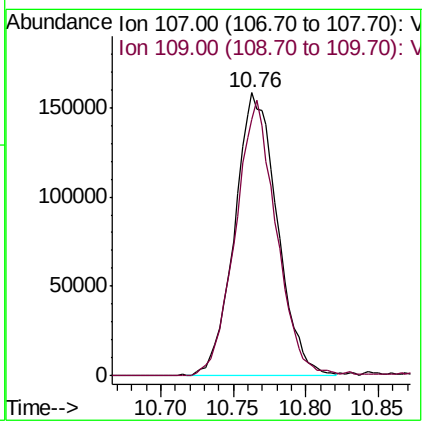


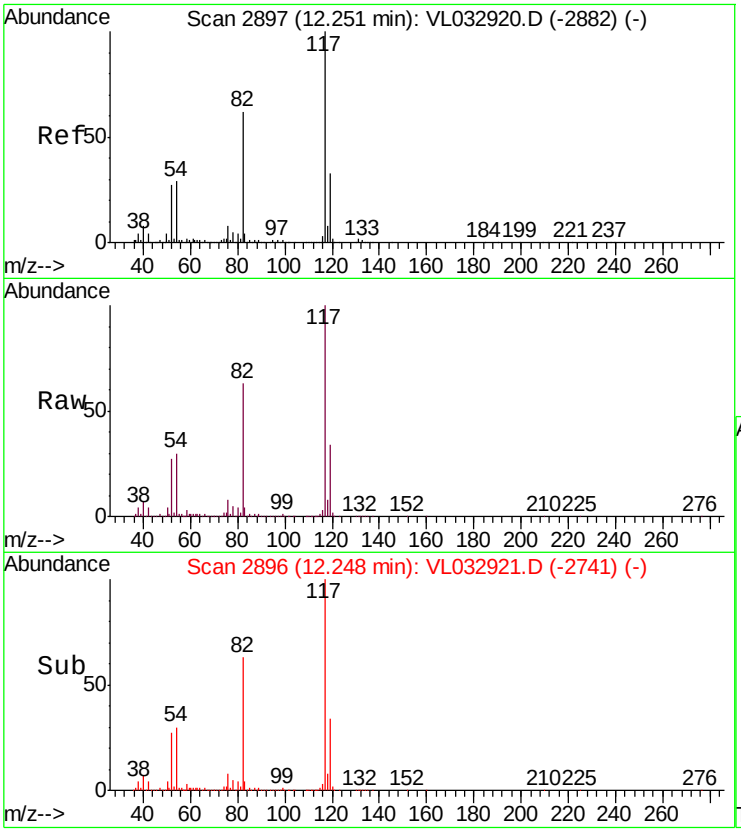


#54
1,2-Dibromoethane
Concen: 1.977 ppbv
RT: 10.76 min Scan# 2434
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:107 Resp: 322367

Ion	Ratio	Lower	Upper
107	100		
109	90.6	73.4	110.2



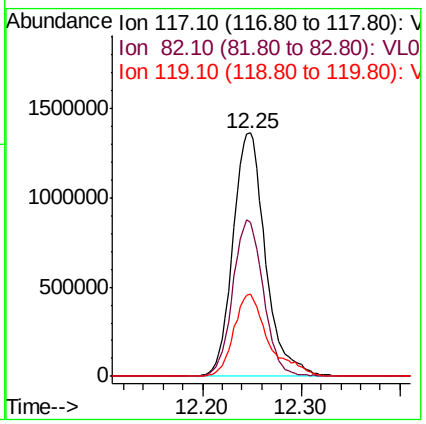


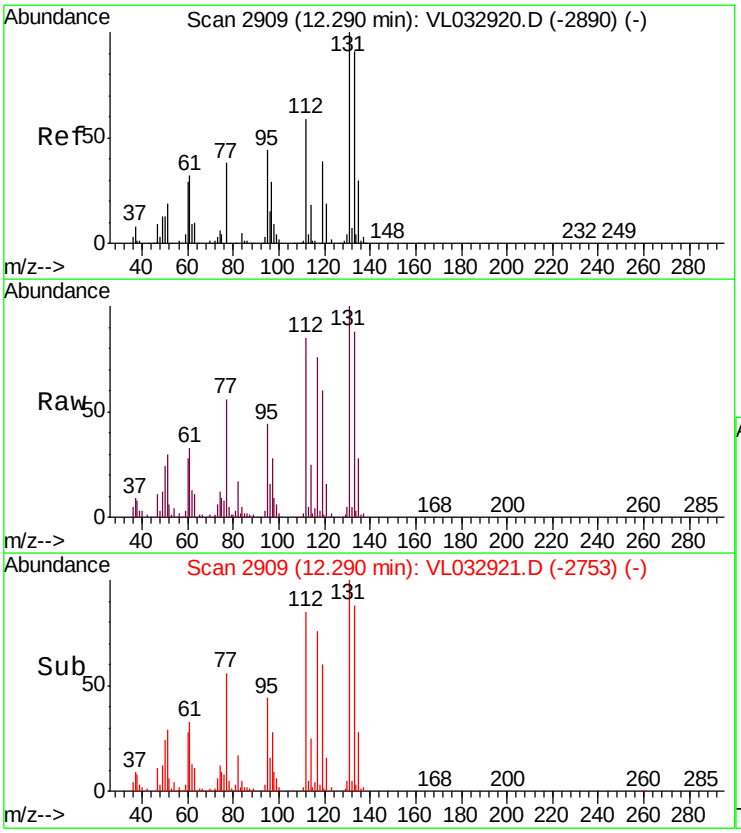
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3117268

Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.8	71.8
119	36.3	43.1	64.7#

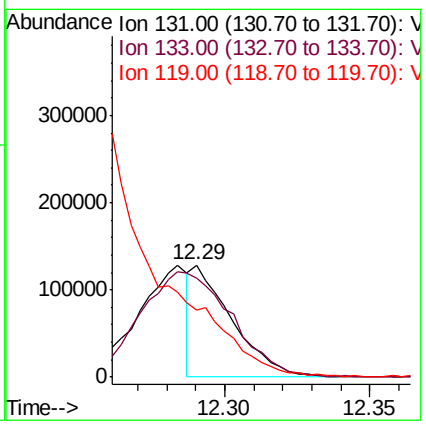


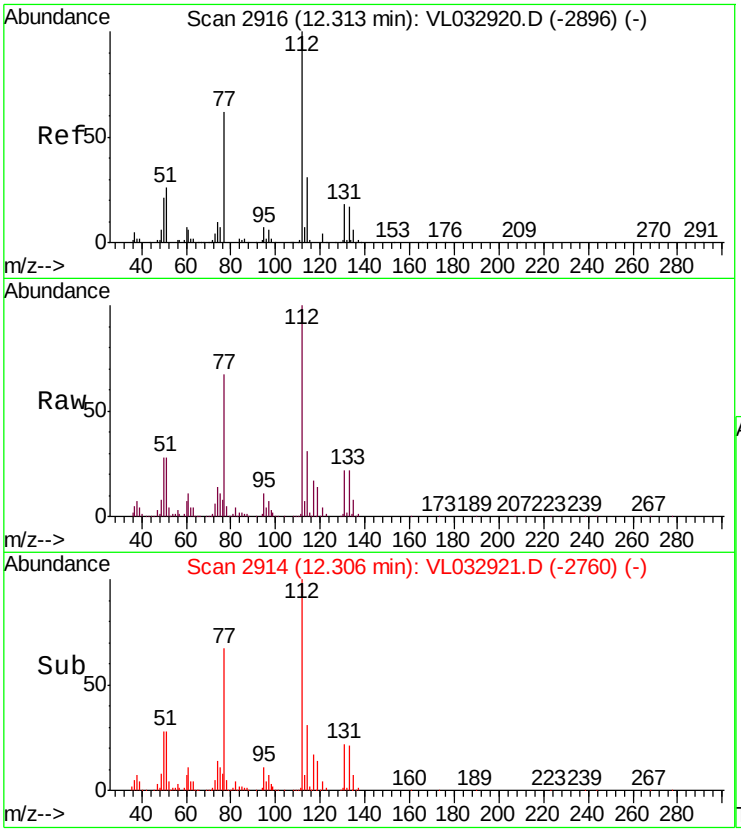


#56
1,1,1,2-Tetrachloroethane
Concen: 0.867 ppbv
RT: 12.29 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:131 Resp: 122149

Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.1	112.7#
119	0.0	47.5	71.3#



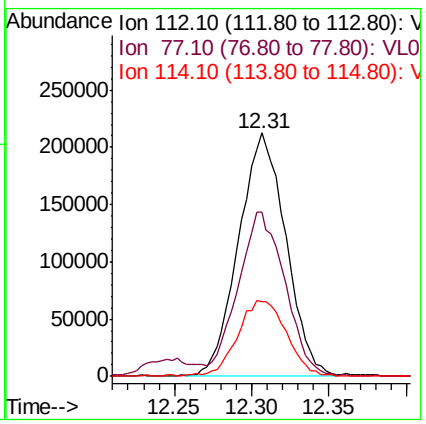


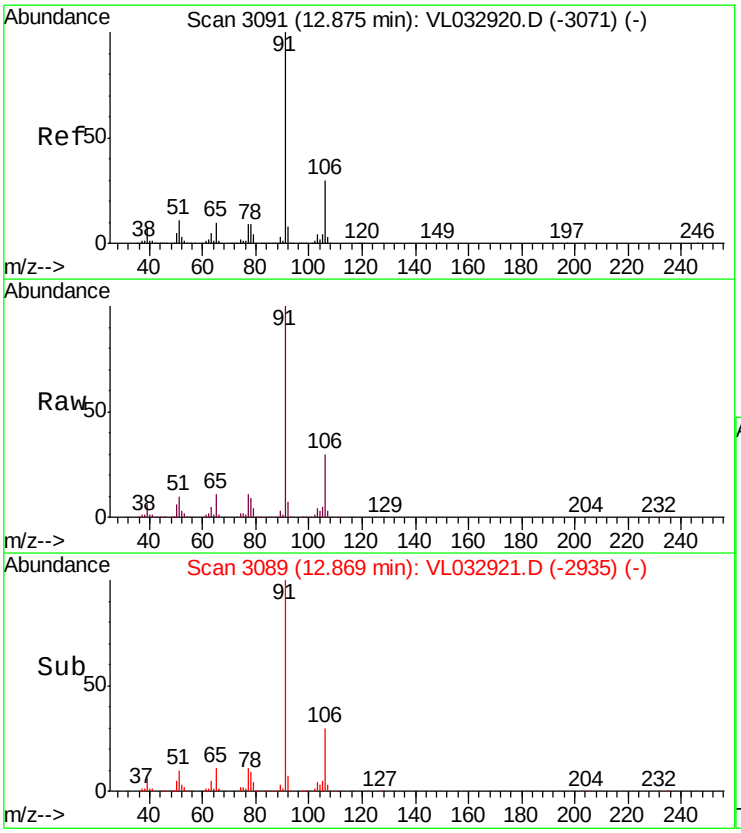
#57
Chlorobenzene
Concen: 1.928 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 448771

Ion	Ratio	Lower	Upper
112	100		
77	67.3	51.1	76.7
114	30.5	28.4	34.7

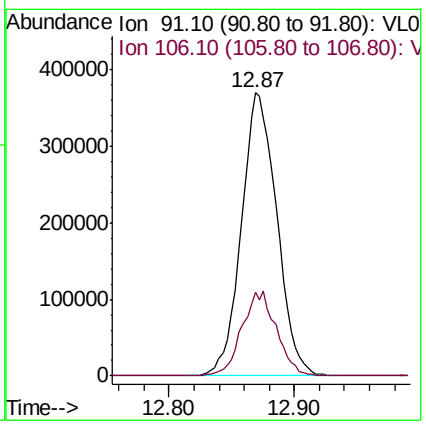


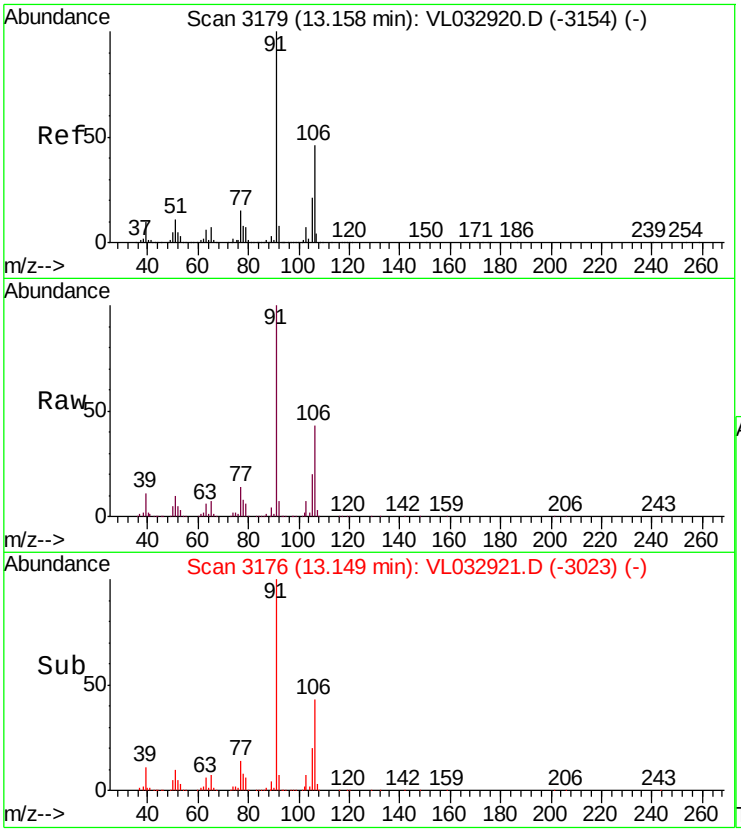


#58
Ethyl Benzene
Concen: 2.045 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 91 Resp: 726521

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.9	35.9



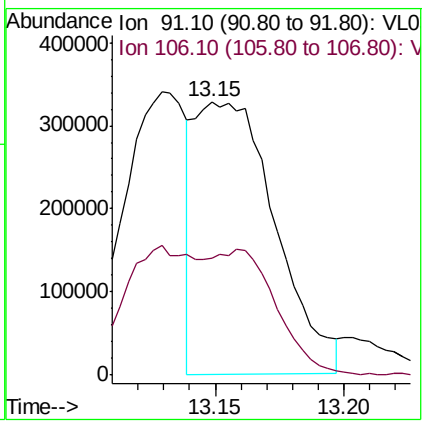


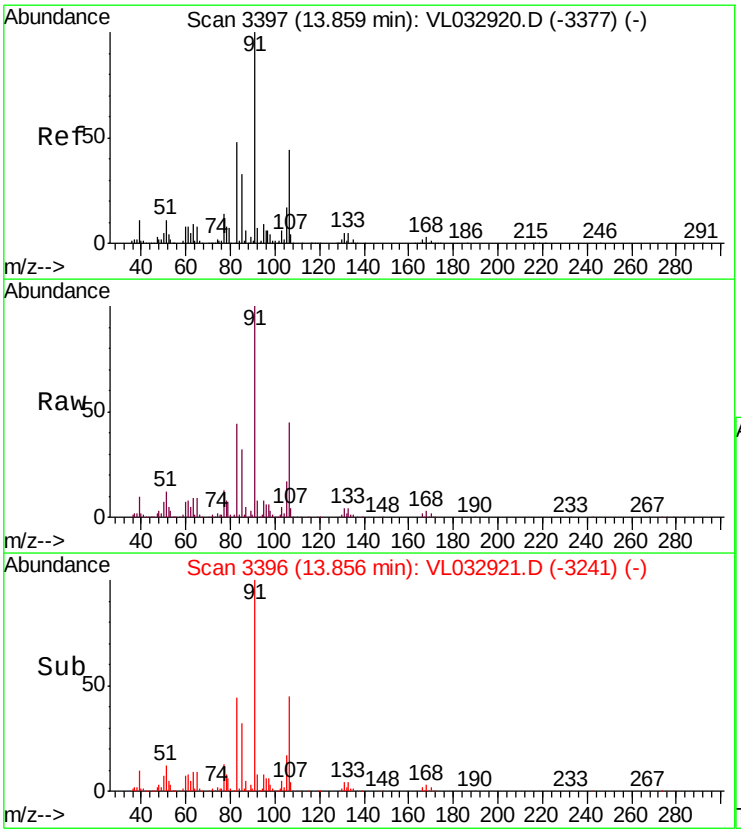
#59
m/p-Xylene
Concen: 2.204 ppbv
RT: 13.15 min Scan# 3176
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 706901

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

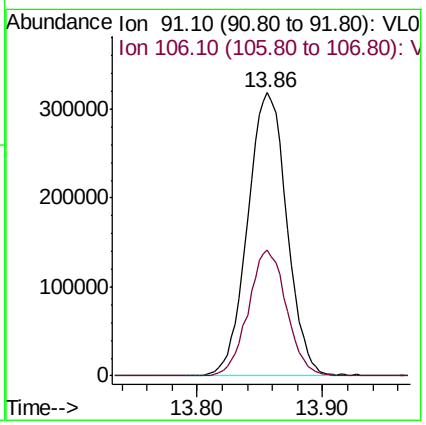


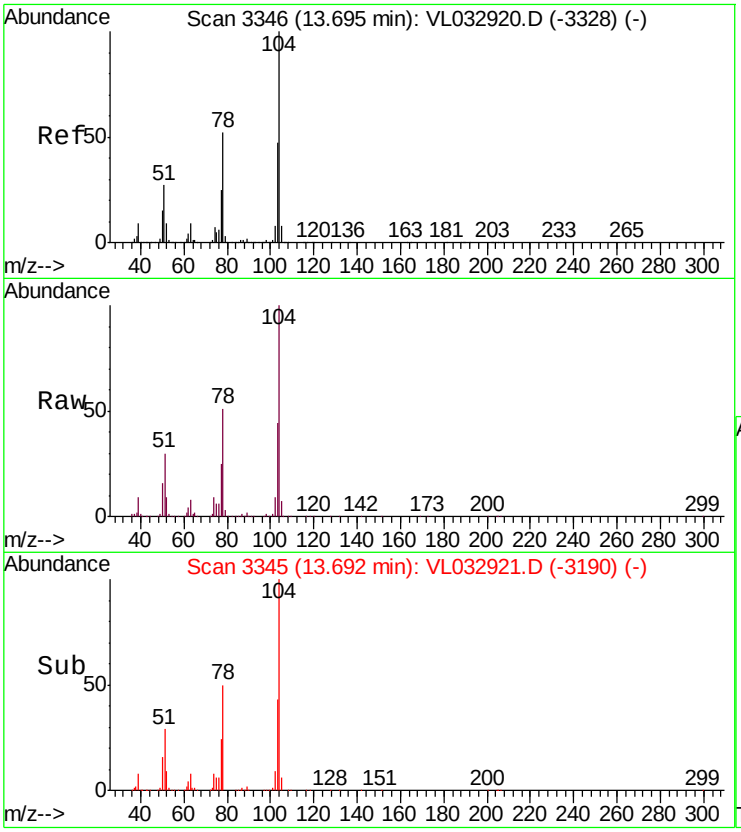


#60
o-Xylene
Concen: 2.206 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 91 Resp: 691111

Ion	Ratio	Lower	Upper
91	100		
106	43.4	21.9	65.8



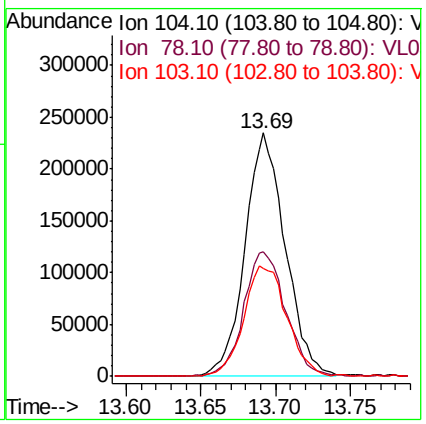


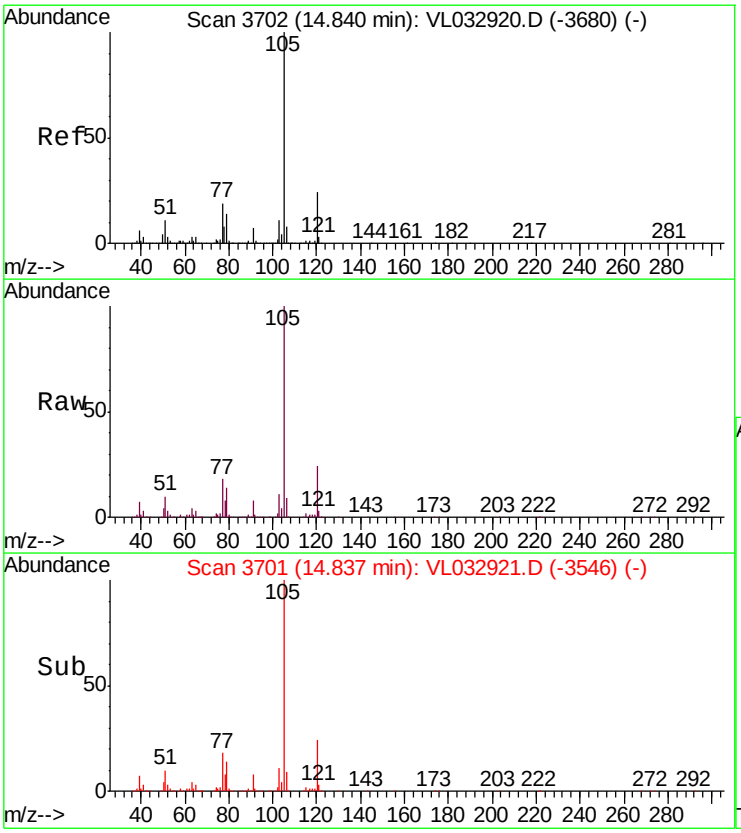
#61
Styrene
Concen: 2.102 ppbv
RT: 13.69 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 439815

Ion	Ratio	Lower	Upper
104	100		
78	53.4	42.0	63.0
103	49.1	38.3	57.5

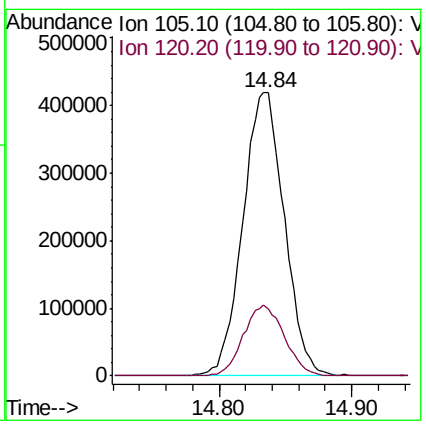


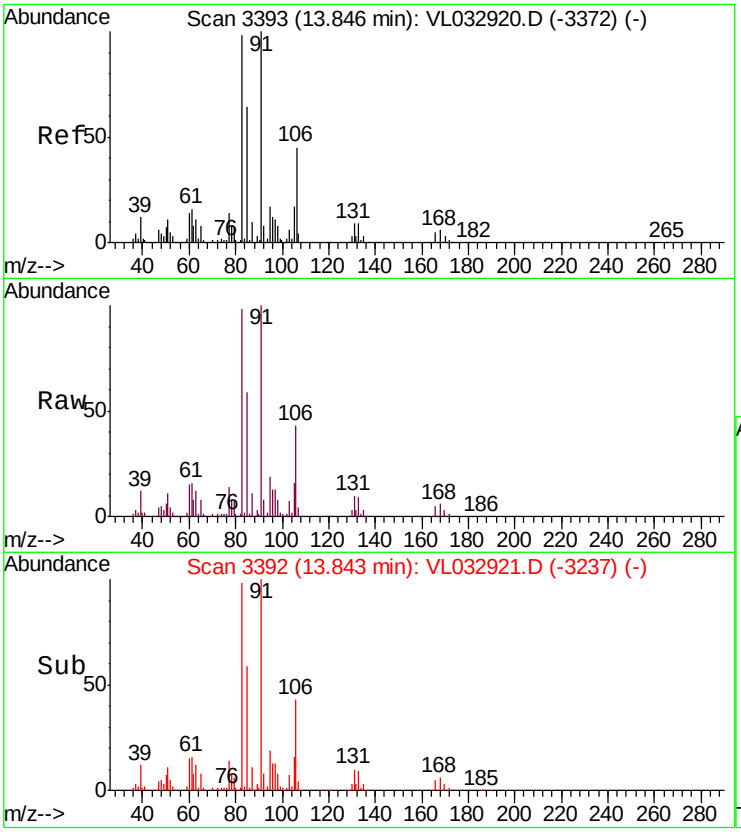


#62
Isopropylbenzene
Concen: 2.046 ppbv
RT: 14.84 min Scan# 3701
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:105 Resp: 909612

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.3	30.5



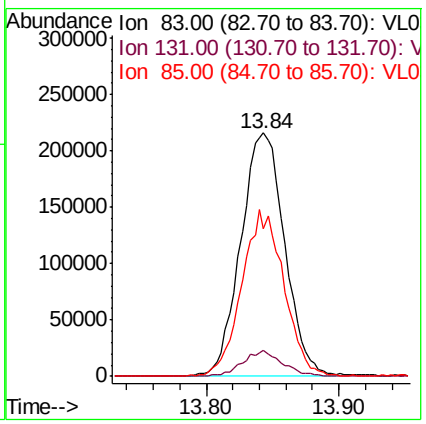


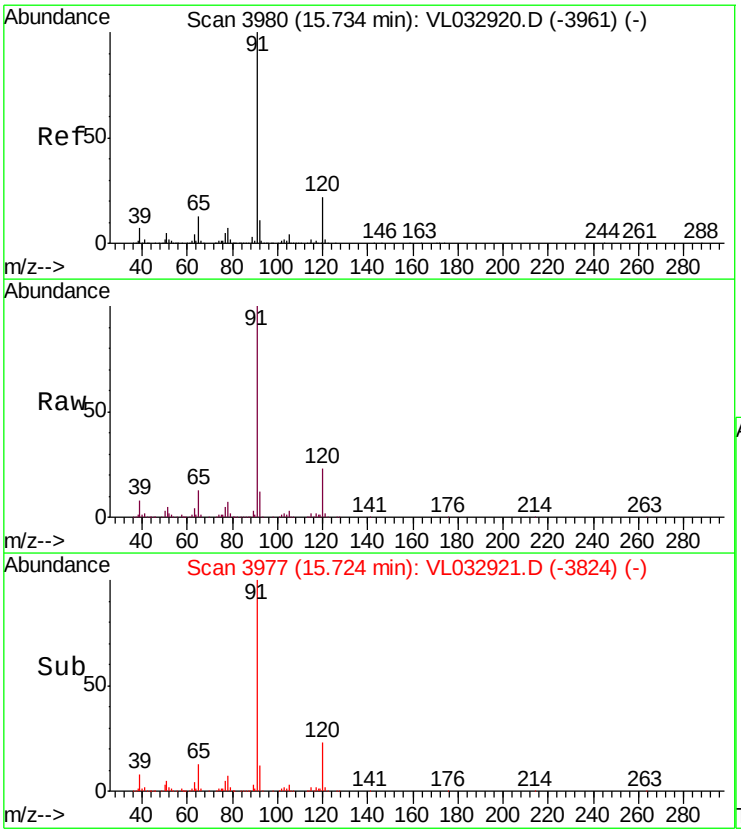
#63
1,1,2,2-Tetrachloroethane
Concen: 2.094 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 494683

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.6
85	65.8	32.9	98.6

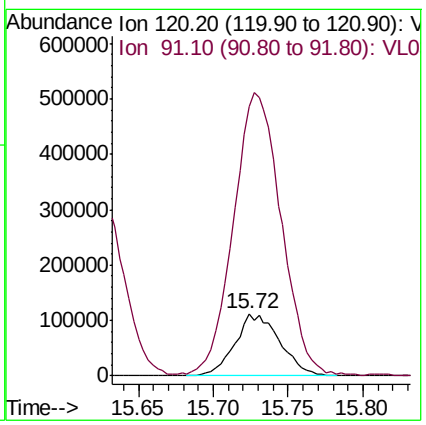


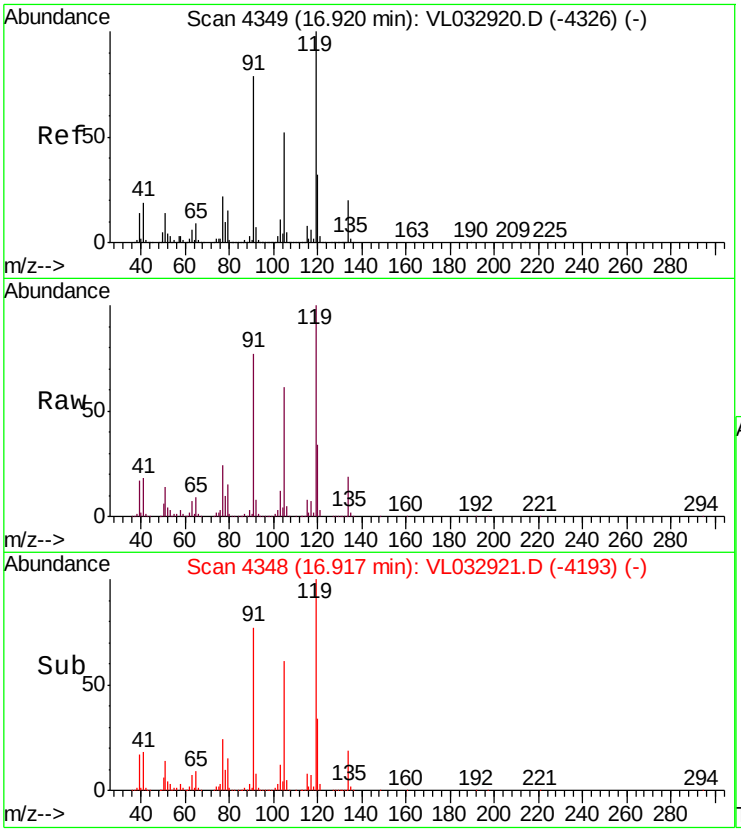


#64
n-propylbenzene
Concen: 2.091 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:120 Resp: 234352

Ion	Ratio	Lower	Upper
120	100		
91	487.6	380.4	570.6



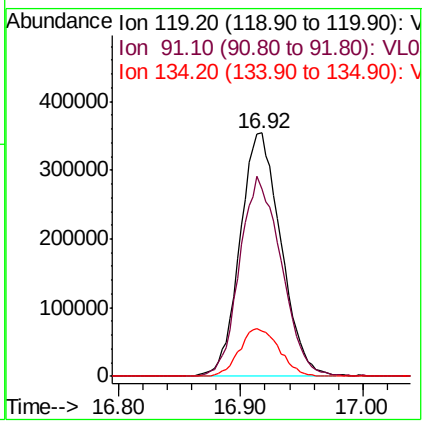


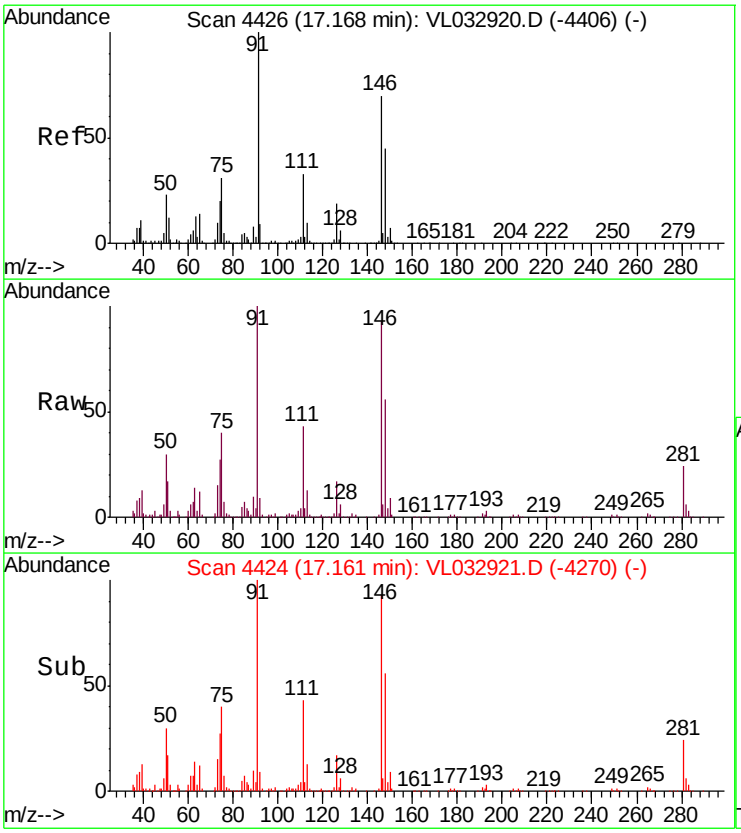
#65
tert-Butylbenzene
Concen: 2.148 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 819167

Ion	Ratio	Lower	Upper
119	100		
91	84.0	64.5	96.7
134	19.4	15.7	23.5

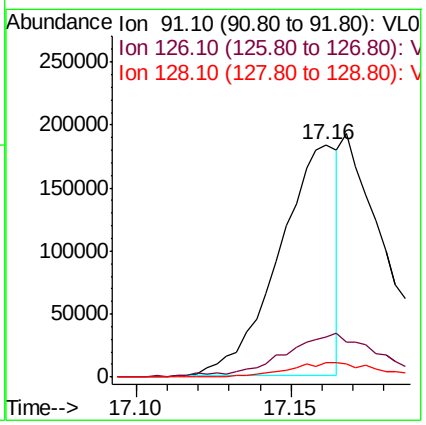


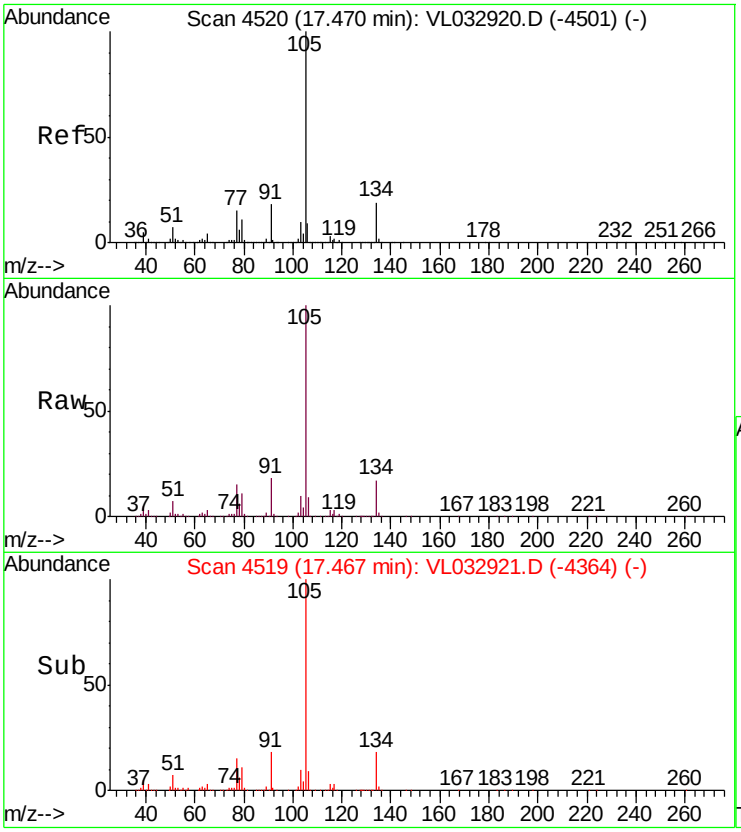


#66
Benzyl Chloride
Concen: 1.191 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 91 Resp: 240790

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	0.0	4.5	6.7#



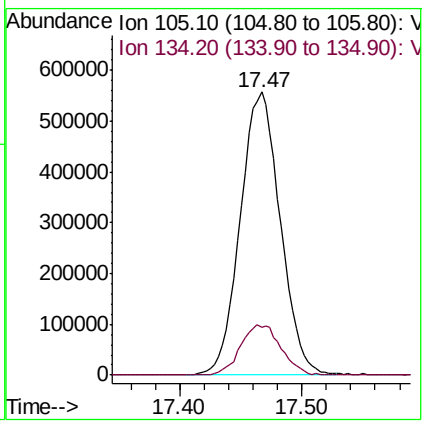


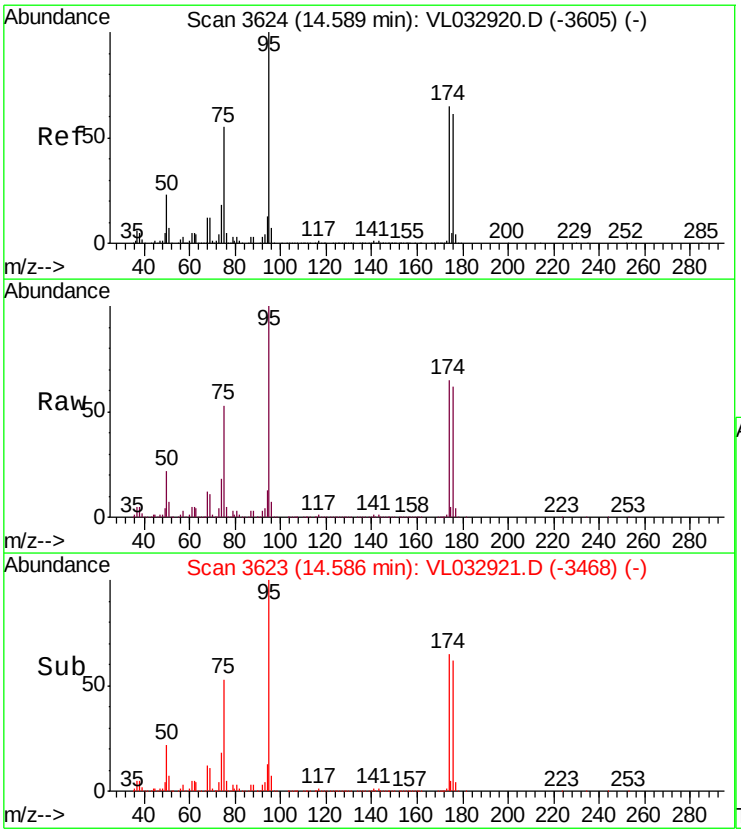
#67
sec-Butylbenzene
Concen: 2.333 ppbv
RT: 17.47 min Scan# 4519
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1261628

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.6	21.8

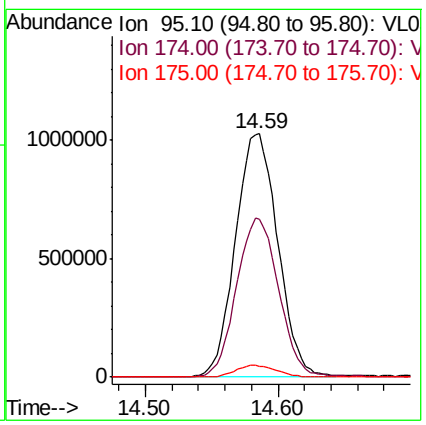


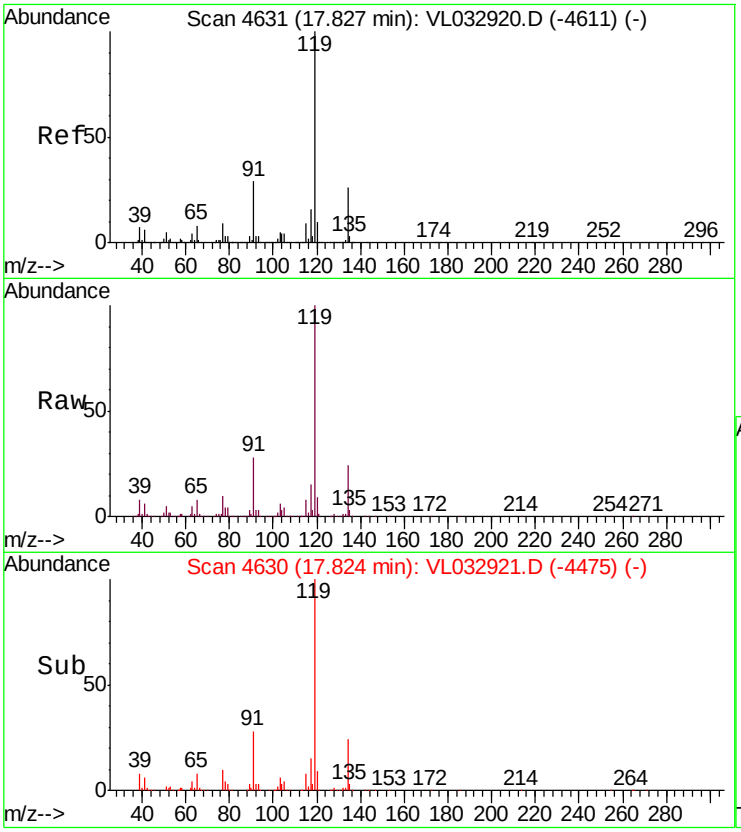


#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 95 Resp: 2282888

Ion	Ratio	Lower	Upper
95	100		
174	65.9	51.4	77.0
175	4.8	3.8	5.6



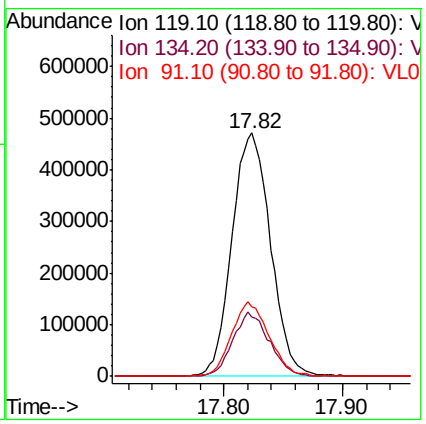


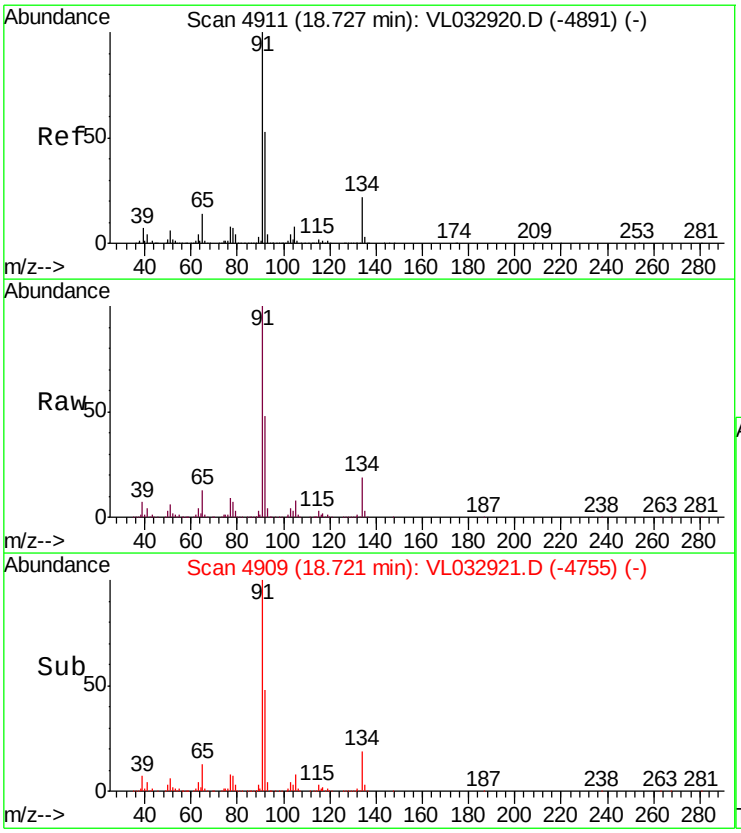
#69
p-Isopropyltoluene
Concen: 2.449 ppbv
RT: 17.82 min Scan# 4630
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 1052632

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.2	30.2
91	30.1	22.9	34.3

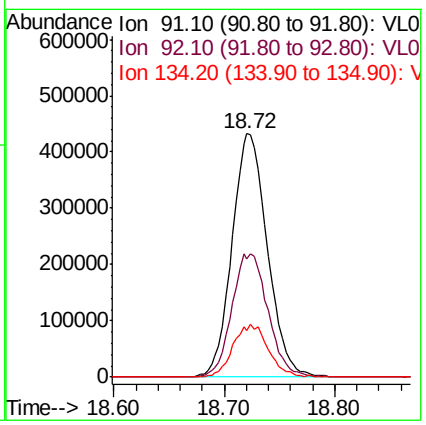


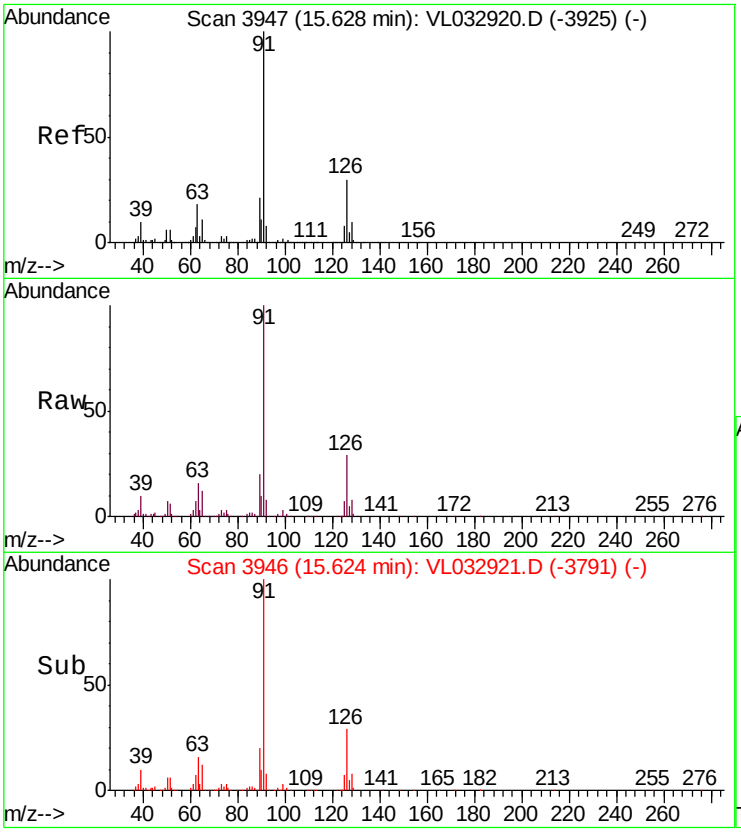


#70
n-Butylbenzene
Concen: 2.261 ppbv
RT: 18.72 min Scan# 4909
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion: 91 Resp: 956081

Ion	Ratio	Lower	Upper
91	100		
92	51.9	42.7	64.1
134	21.9	18.0	27.0



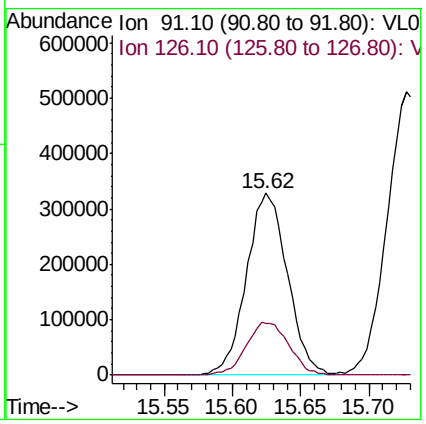


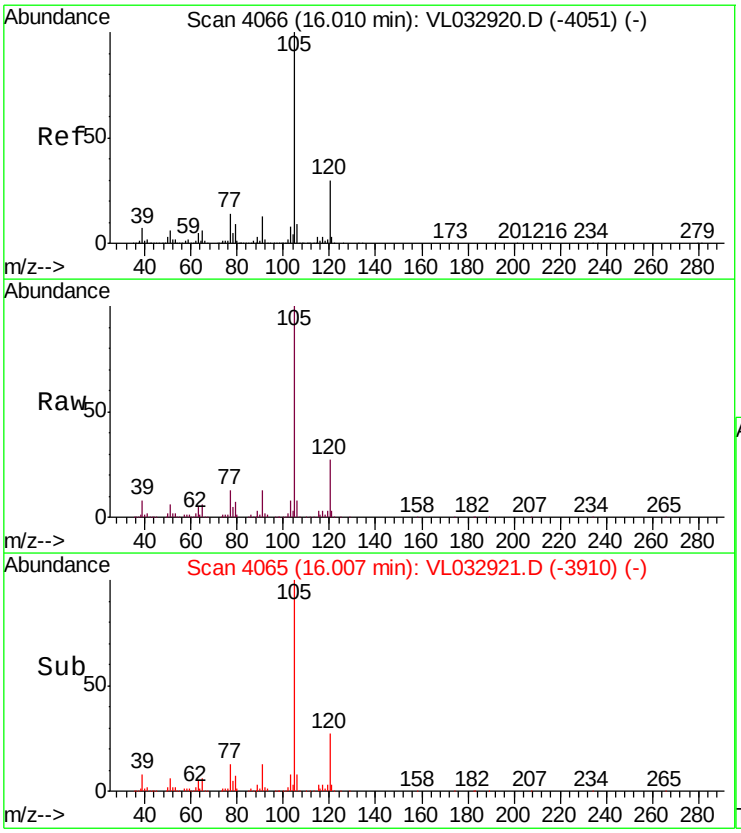
#71
2-Chlorotoluene
Concen: 2.139 ppbv
RT: 15.62 min Scan# 3946
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 686891

Ion	Ratio	Lower	Upper
91	100		
126	30.4	12.3	49.3

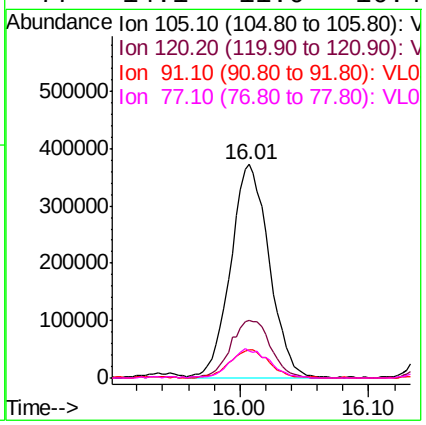


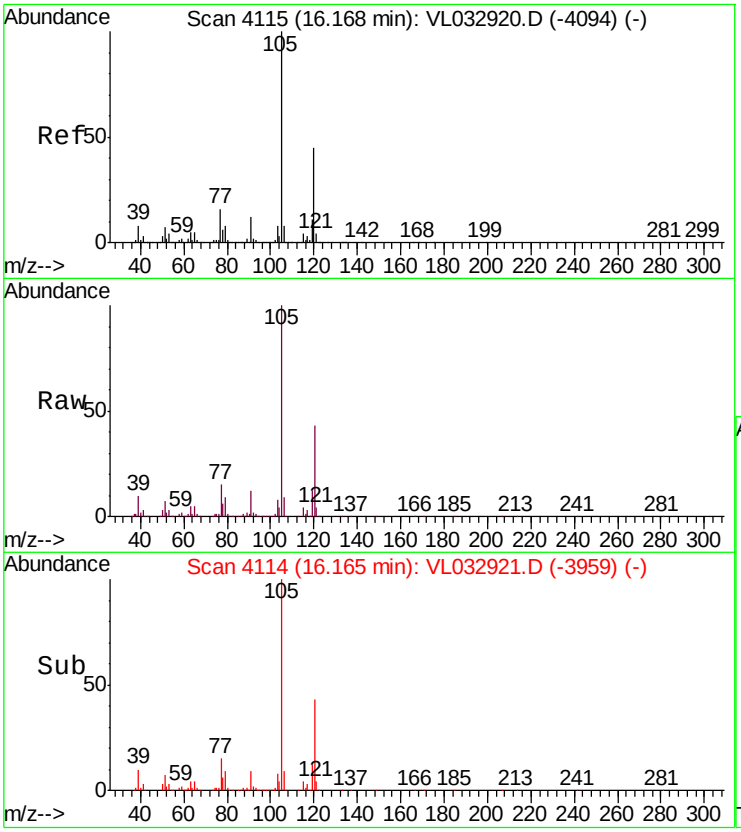


#72
4-Ethyltoluene
Concen: 2.323 ppbv
RT: 16.01 min Scan# 4065
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:105 Resp: 767946

Ion	Ratio	Lower	Upper
105	100		
120	28.0	23.0	34.4
91	14.8	10.4	15.6
77	14.1	11.0	16.4



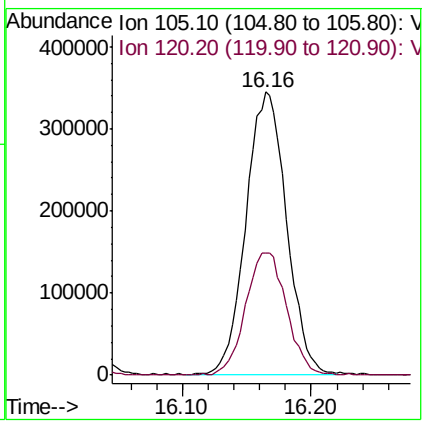


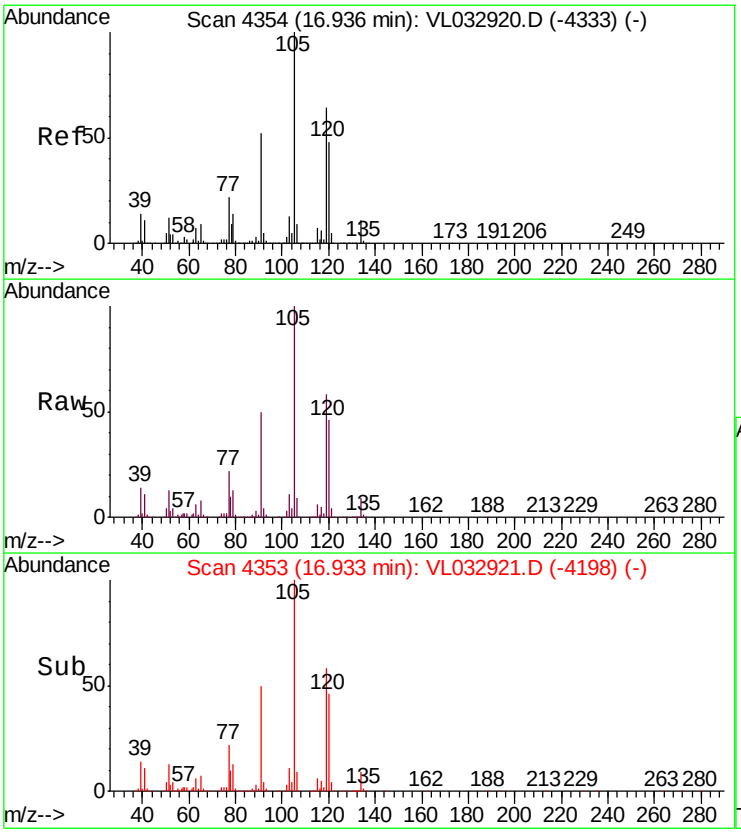
#73
1,3,5-Trimethylbenzene
Concen: 2.364 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 752943

Ion	Ratio	Lower	Upper
105	100		
120	43.2	36.0	54.0

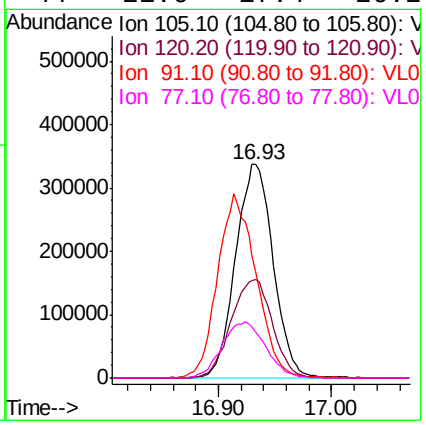


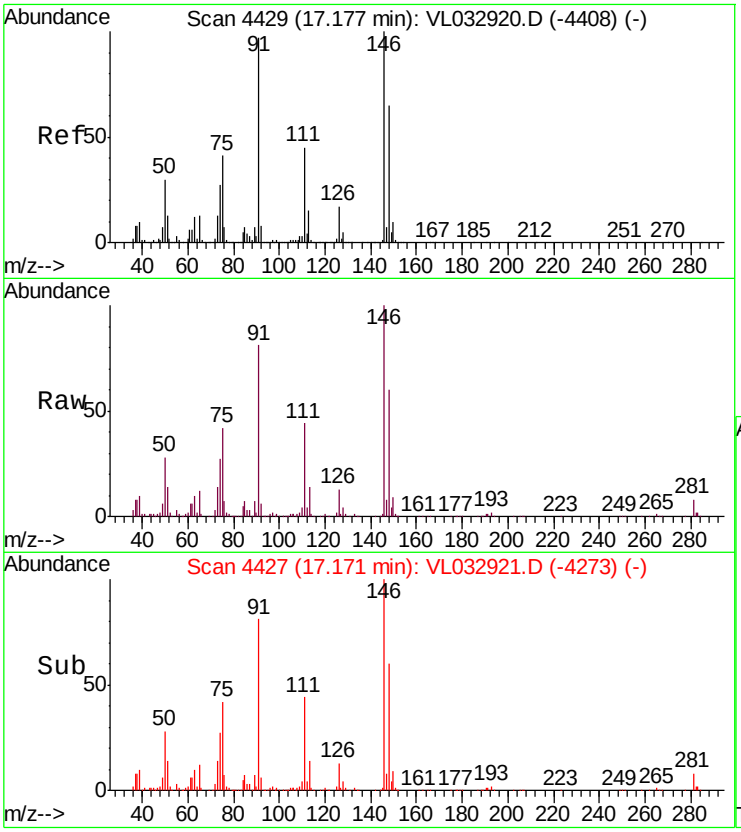


#74
1,2,4-Trimethylbenzene
Concen: 2.248 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:105 Resp: 778681

Ion	Ratio	Lower	Upper
105	100		
120	46.2	38.6	58.0
91	49.5	41.7	62.5
77	21.6	17.4	26.2



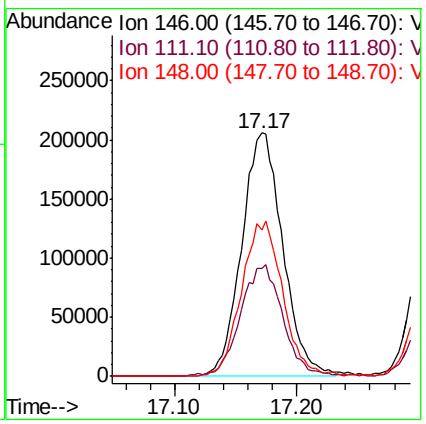


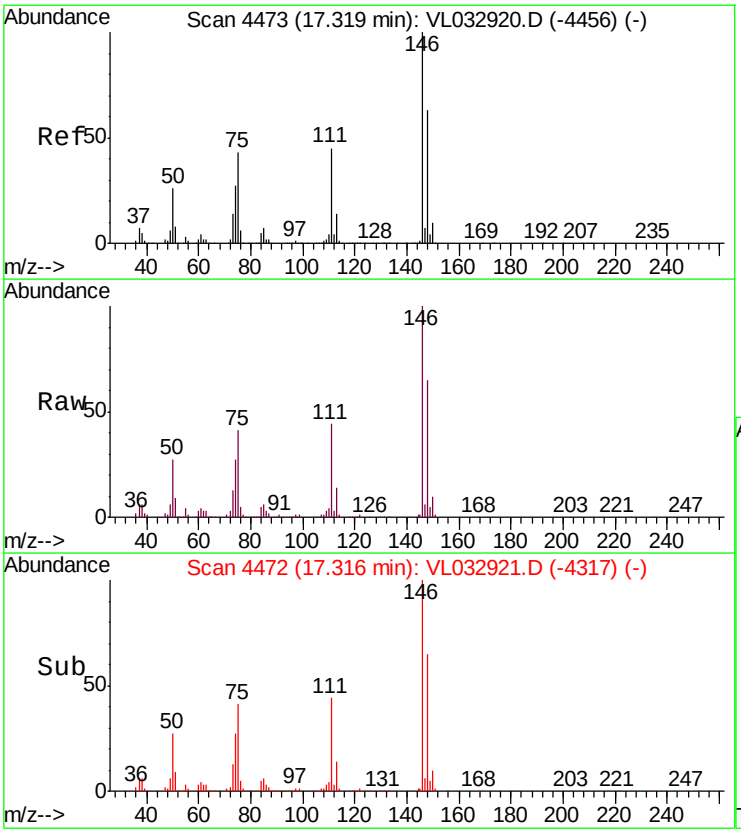
#75
1,3-Dichlorobenzene
Concen: 2.359 ppbv
RT: 17.17 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 478606

Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.6	70.8
148	64.3	32.1	96.3

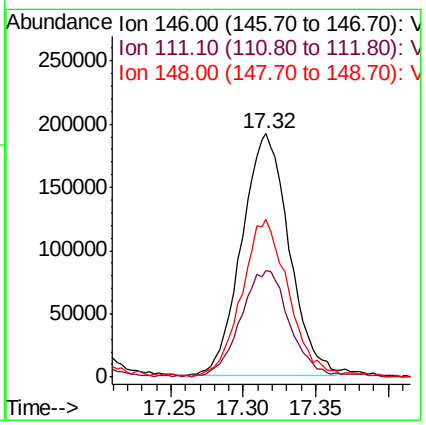


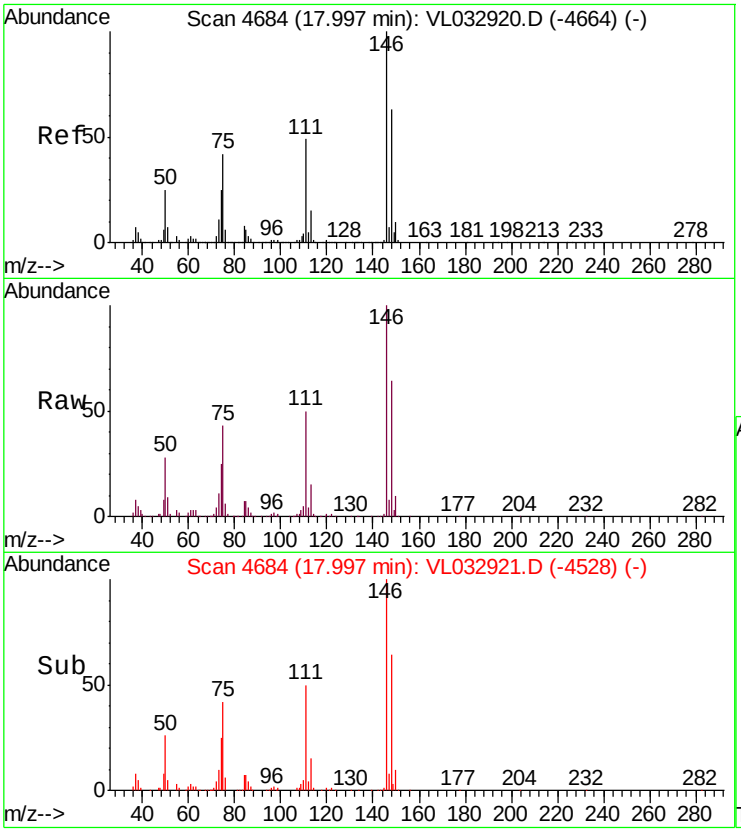


#76
1,4-Dichlorobenzene
Concen: 2.287 ppbv
RT: 17.32 min Scan# 4472
Delta R.T. -0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:146 Resp: 434587

Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.8	68.4
148	66.0	32.0	96.2



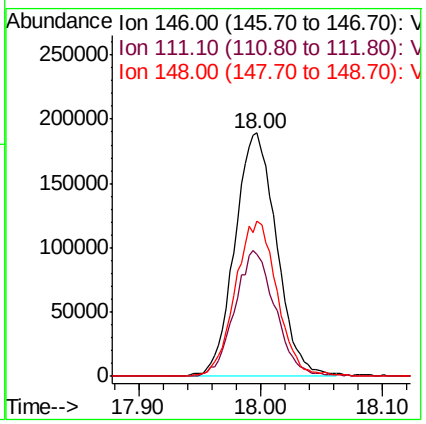


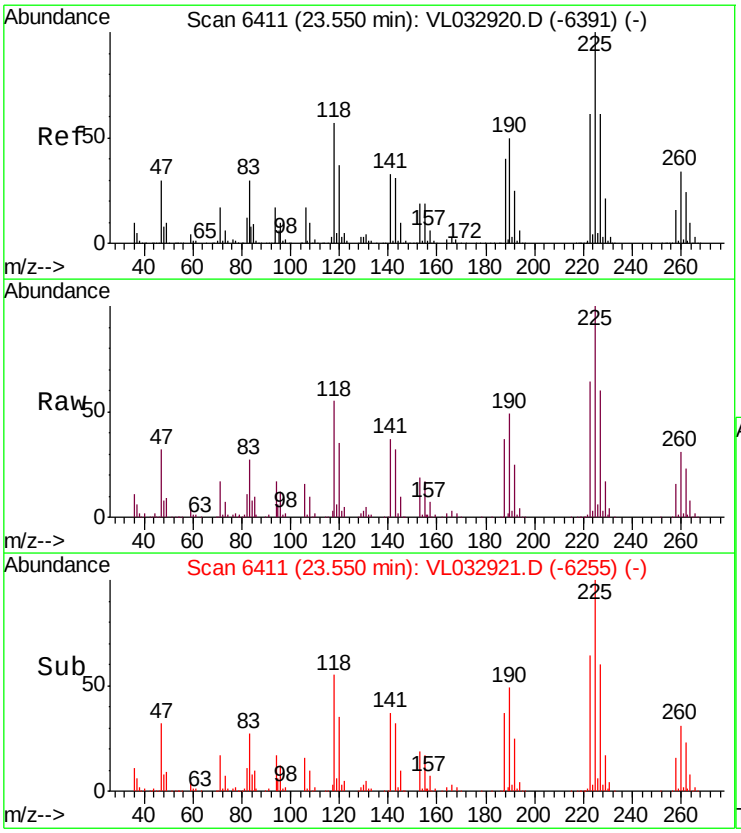
#77
1,2-Dichlorobenzene
Concen: 2.330 ppbv
RT: 18.00 min Scan# 4684
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 445708

Ion	Ratio	Lower	Upper
146	100		
111	50.5	24.3	72.9
148	64.3	32.0	96.2

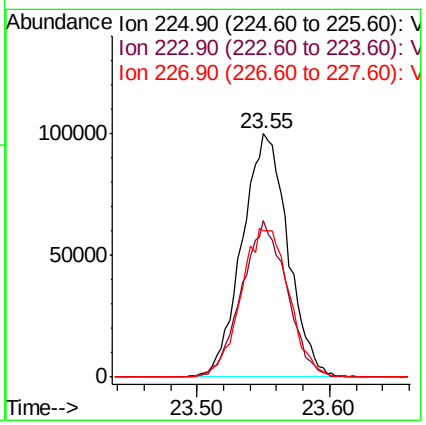


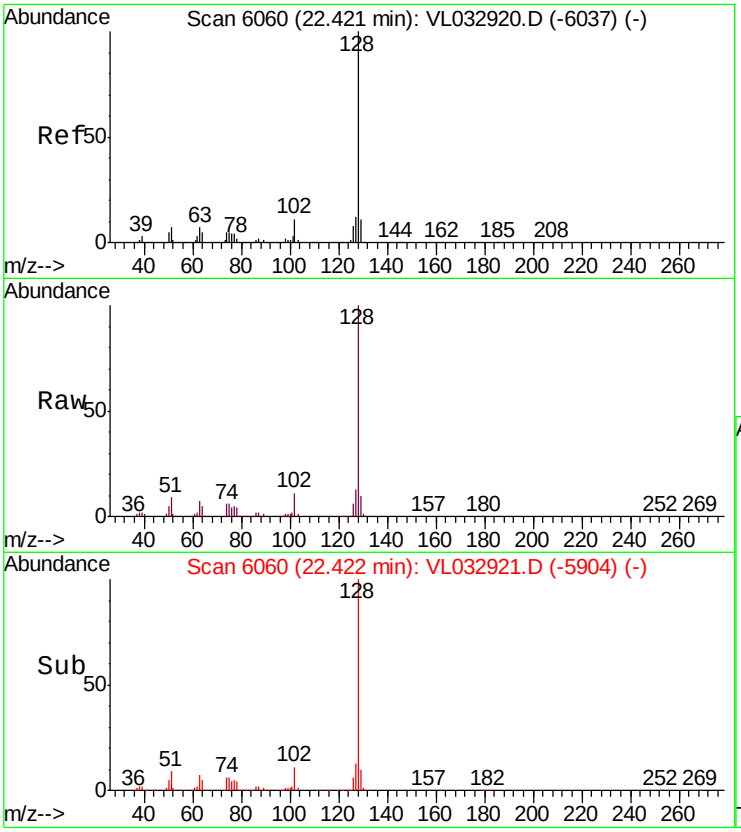


#78
Hexachloro-1,3-Butadiene
Concen: 1.985 ppbv
RT: 23.55 min Scan# 6411
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:225 Resp: 239839

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	64.1	50.4	75.6



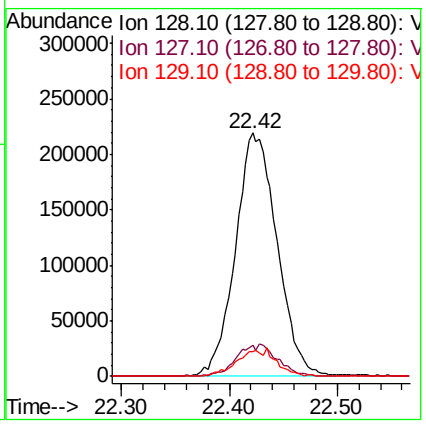


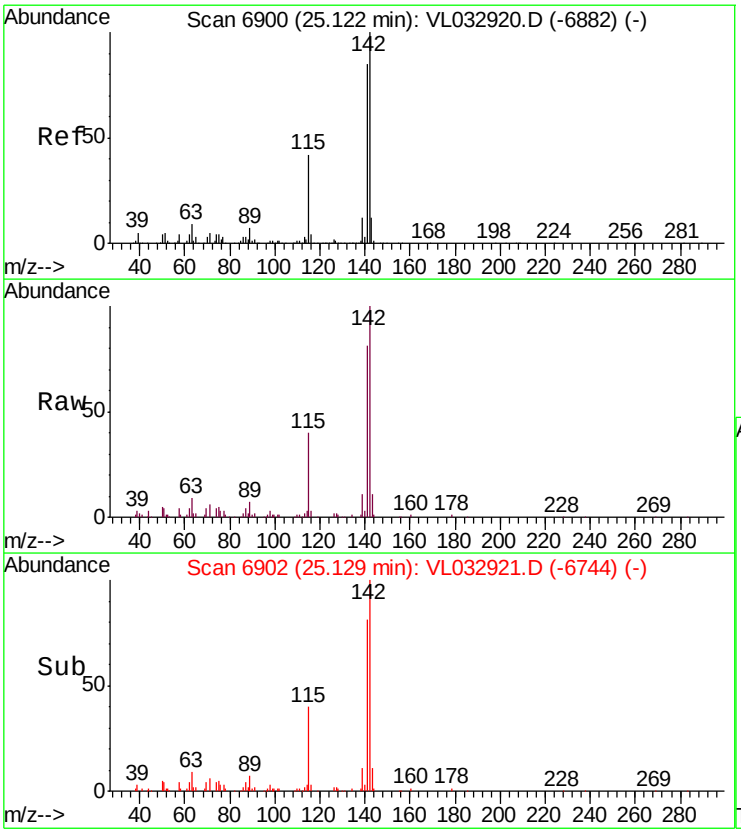
#79
Naphthalene
Concen: 2.869 ppbv
RT: 22.42 min Scan# 6060
Delta R.T. 0.00 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 587547

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.9	14.9
129	10.3	8.6	13.0

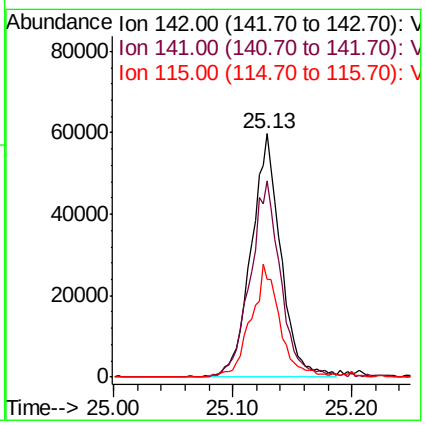


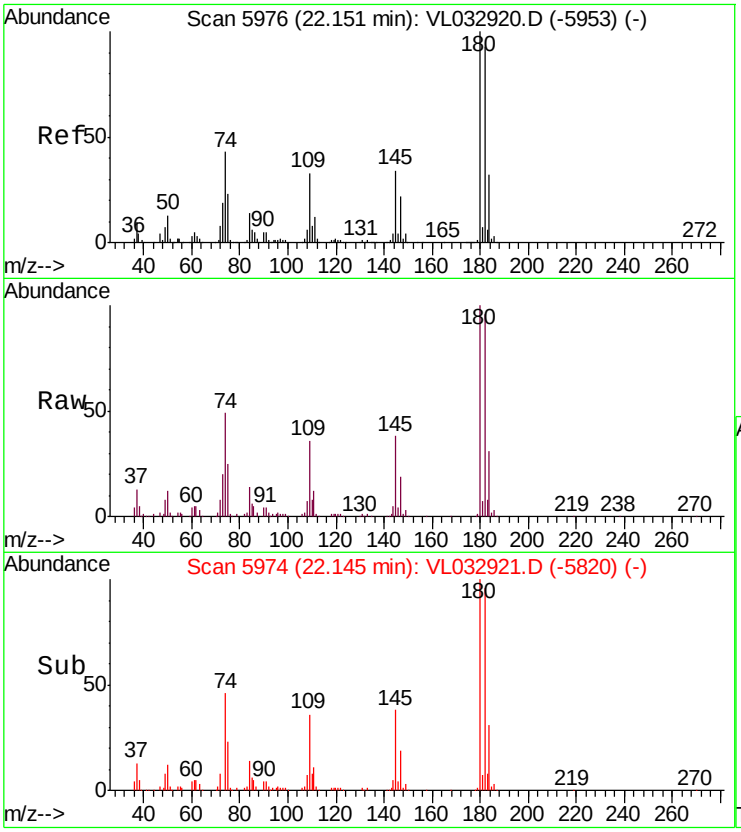


#80
Naphthalene,2-methyl-
Concen: 2.237 ppbv
RT: 25.13 min Scan# 6902
Delta R.T. 0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Tgt Ion:142 Resp: 102391

Ion	Ratio	Lower	Upper
142	100		
141	83.7	68.2	102.2
115	46.0	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 2.644 ppbv
RT: 22.15 min Scan# 5974
Delta R.T. -0.01 min
Lab File: VL032921.D
Acq: 7 Dec 2018 4:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 285551

Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.0	115.6
184	31.4	24.3	36.5