Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080519\

Quantitation Report (Not Reviewed)

Data File : VL034087.D
Acq On : 5 Aug 2019 13:24
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Aug 05 13:55:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 05 13:52:58 2019
QLast Update : Mon Aug 05 13:52:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1128257	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2265724	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2452413	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.52	95	1909440	8.81	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 88.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	260740	1.211	ppbv	99
3) Chlorodifluoromethane	2.99	51	273721	2.058	ppbv	98
4) Chloromethane	3.14	50	173628	2.262	ppbv	94
5) Vinyl Chloride	3.26	62	152285	2.004	ppbv	98
6) Bromomethane	3.48	94	74589	1.313	ppbv	99
7) Chloroethane	3.57	64	54622	1.490	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	334411	1.589	ppbv	95
9) Propene	3.01	41	159594	3.108	ppbv	95
10) Heptane	8.20	43	416466	2.929	ppbv	100
11) Trichlorofluoromethane	3.97	101	335968	1.558	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.51	101	236589	1.441	ppbv	99
13) Ethanol	3.62	45	50720	2.437	ppbv	97
14) Bromoethene	3.75	108	105548	1.148	ppbv	96
15) Acetone	3.87	43	351650	1.894	ppbv	100
16) 1,3-Butadiene	3.33	39	156470	2.303	ppbv	100
17) tert-Butyl alcohol	4.32	59	306945	2.277	ppbv	99
18) 1,1-Dichloroethene	4.31	96	108560	1.511	ppbv	94
19) Isopropyl Alcohol	3.99	45	254867	2.224	ppbv	92
20) Methylene Chloride	4.37	84	94624	1.415	ppbv	92
21) Allyl Chloride	4.44	41	223492	1.986	ppbv	99
22) trans-1,2-Dichloroethene	4.92	96	104037	1.421	ppbv	96
23) Vinyl Acetate	5.11	43	568253	2.970	ppbv #	96
24) 1,1-Dichloroethane	5.05	63	325738	2.027	ppbv	98
25) Ethyl Acetate	5.72	43	669060	2.436	ppbv	98
26) Hexane	5.73	57	279152	2.245	ppbv	98
27) Carbon Disulfide	4.58	76	291726	1.576	ppbv	99
28) Methyl tert-Butyl Ether	5.07	73	466504	2.499	ppbv	99
29) Chloroform	5.80	83	380681	1.760	ppbv	95
30) Cyclohexane	7.19	84	217597	2.194	ppbv	90
31) cis-1,2-Dichloroethene	5.59	61	277926	2.279	ppbv	94
32) 1,1,1-Trichloroethane	6.57	97	366229	1.605	ppbv	99
34) 2-Butanone	5.29	43	450944	3.475	ppbv	100
35) Carbon Tetrachloride	7.08	117	362513	1.980	ppbv	97
36) Benzene	6.95	78	550391	2.548	ppbv	94
37) 1,2-Dichloroethane	6.36	62	283340	2.011	ppbv	98
38) Trichloroethene	7.91	130	197723	2.710	ppbv	94
39) 1,2-Dichloropropane	7.68	63	215606	2.760	ppbv	94
40) 1,4-Dioxane	7.91	88	79222	2.646	ppbv #	1
41) Tetrahydrofuran	6.10	42	276183	3.970	ppbv	99
42) Bromodichloromethane	7.86	83	424229	2.389	ppbv	95
43) Methyl Methacrylate	8.08	69	135865	1.824	ppbv #	22

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080519\

Quantitation Report (Not Reviewed)

Data File : VL034087.D
Acq On : 5 Aug 2019 13:24
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Aug 05 13:55:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 05 13:52:58 2019
QLast Update : Mon Aug 05 13:52:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.94	57	1013036	3.141	ppbv		96
45) t-1,3-Dichloropropene	9.36	75	284594	3.091	ppbv		98
46) cis-1,3-Dichloropropene	8.78	75	329169	3.080	ppbv		97
47) 1,1,2-Trichloroethane	9.56	97	213471	2.538	ppbv		94
48) Dibromochloromethane	10.40	129	348109	2.446	ppbv		97
49) Bromoform	13.14	173	310638	2.519	ppbv		100
50) 4-Methyl-2-Pentanone	8.82	43	694386	3.603	ppbv		98
51) 2-Hexanone	10.22	43	583063	3.924	ppbv	#	99
52) Tetrachloroethene	11.32	164	194468	3.086	ppbv		94
53) Toluene	9.89	91	652308	3.039	ppbv		97
54) 1,2-Dibromoethane	10.70	107	317693	2.545	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.23	131	237745	2.199	ppbv	#	1
57) Chlorobenzene	12.25	112	470917	2.351	ppbv	#	95
58) Ethyl Benzene	12.80	91	876357	2.707	ppbv		100
59) m/p-Xylene	13.09	91	738804	2.554	ppbv	#	40
60) o-Xylene	13.79	91	708426	2.438	ppbv		98
61) Styrene	13.62	104	559156	2.940	ppbv		99
62) Isopropylbenzene	14.77	105	964403	2.528	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.78	83	503704	2.202	ppbv		100
64) n-propylbenzene	15.66	120	147589	1.530	ppbv	#	1
65) tert-Butylbenzene	16.85	119	871554	2.545	ppbv		99
66) Benzyl Chloride	17.10	91	489174	2.921	ppbv		99
67) sec-Butylbenzene	17.40	105	1245843	2.539	ppbv		95
69) p-Isopropyltoluene	17.76	119	1007907	2.522	ppbv		98
70) n-Butylbenzene	18.65	91	1097727	2.518	ppbv		97
71) 2-Chlorotoluene	15.56	91	770053	2.727	ppbv		97
72) 4-Ethyltoluene	15.94	105	857943	2.634	ppbv		98
73) 1,3,5-Trimethylbenzene	16.10	105	821975	2.563	ppbv		94
74) 1,2,4-Trimethylbenzene	16.86	105	858104	2.418	ppbv		92
75) 1,3-Dichlorobenzene	17.11	146	467193	2.224	ppbv		99
76) 1,4-Dichlorobenzene	17.25	146	481936	2.429	ppbv		99
77) 1,2-Dichlorobenzene	17.92	146	199589	1.012	ppbv	#	10
78) Hexachloro-1,3-Butadiene	23.49	225	364475	2.013	ppbv		98
79) Naphthalene	22.33	128	913201	2.874	ppbv		97
80) Naphthalene,2-methyl-	25.07	142	251384	2.062	ppbv		98
81) 1,2,4-Trichlorobenzene	22.06	180	494201	2.515	ppbv		99

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

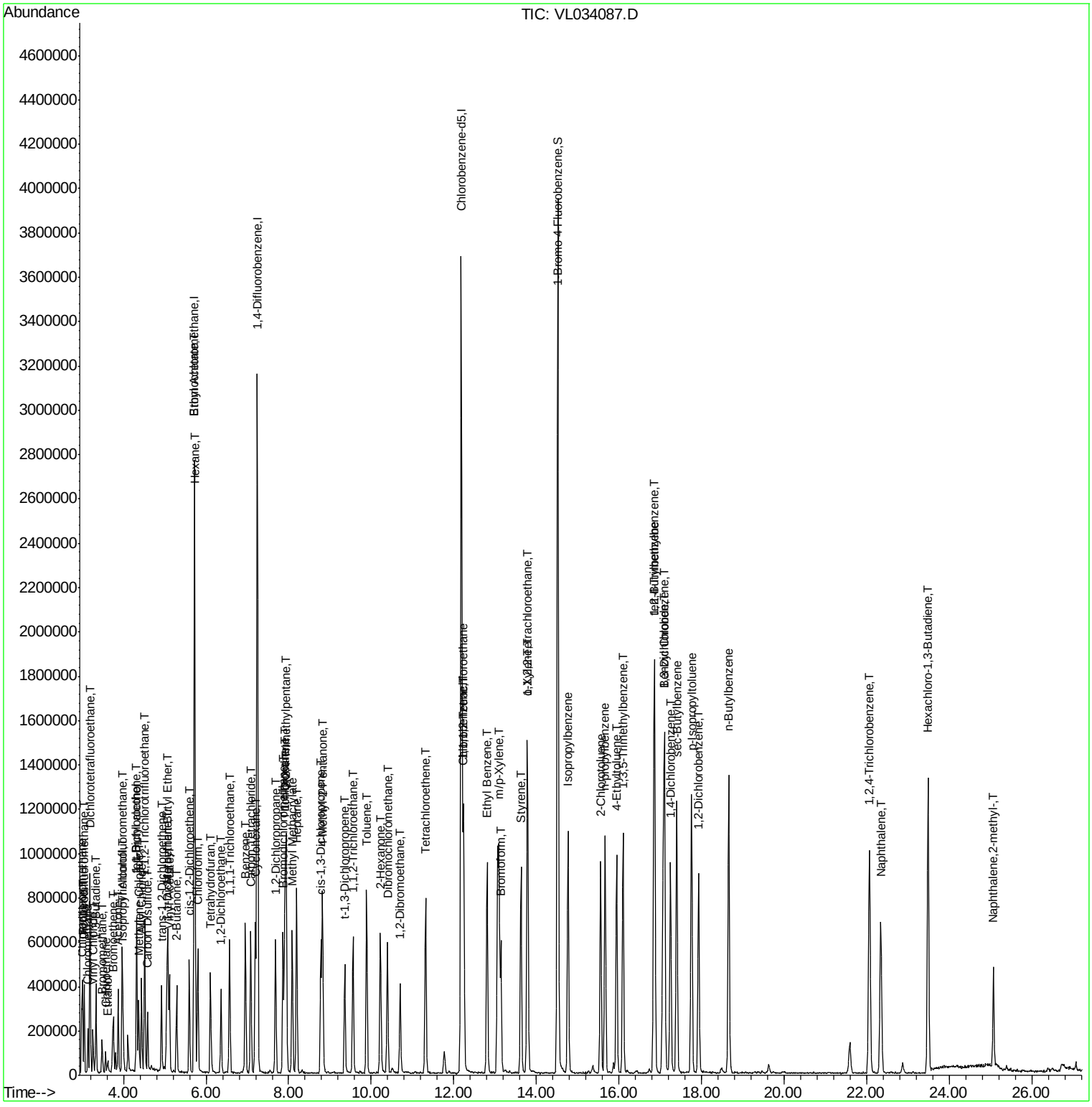
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080519\

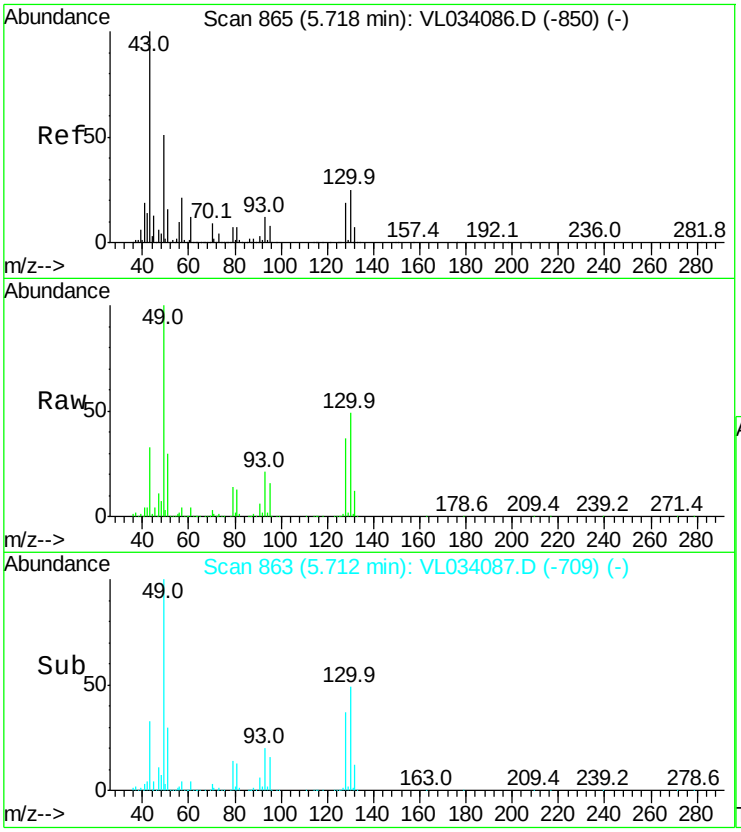
Quantitation Report (Not Reviewed)

Data File : VL034087.D
Acq On : 5 Aug 2019 13:24
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Aug 05 13:55:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 05 13:52:58 2019
QLast Update : Mon Aug 05 13:52:58 2019
Response via : Initial Calibration



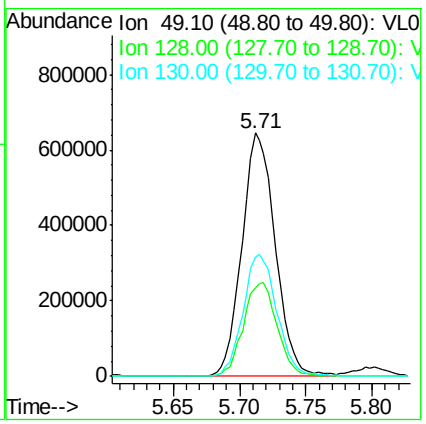


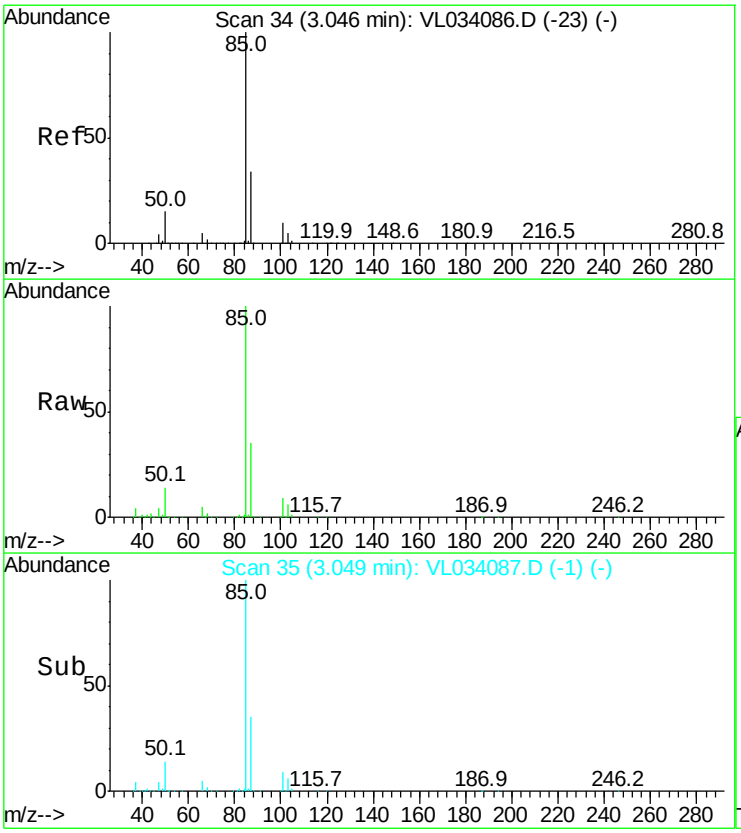
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 863
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1128257

Ion	Ratio	Lower	Upper
49	100		
128	39.3	19.5	58.5
130	51.2	25.4	76.0

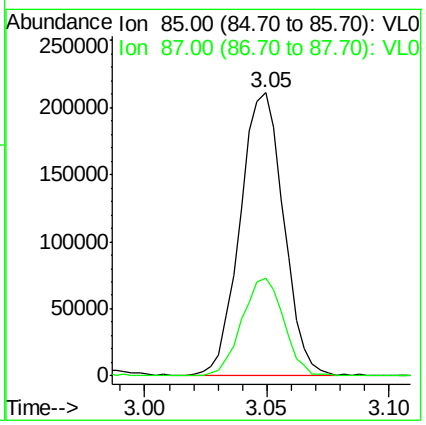


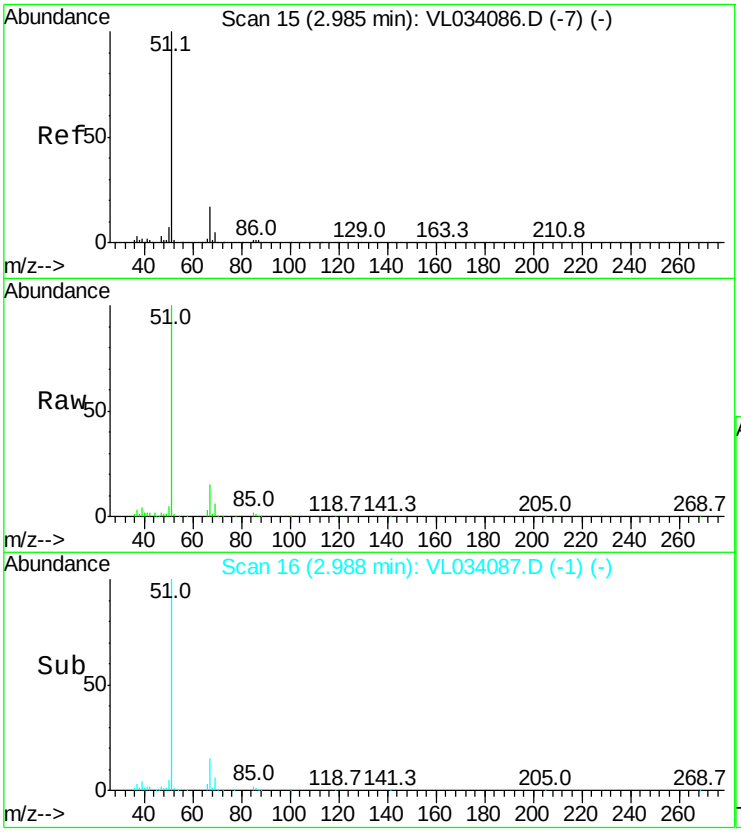


#2
Dichlorodifluoromethane
Concen: 1.211 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 85 Resp: 260740

Ion	Ratio	Lower	Upper
85	100		
87	34.7	27.1	40.7



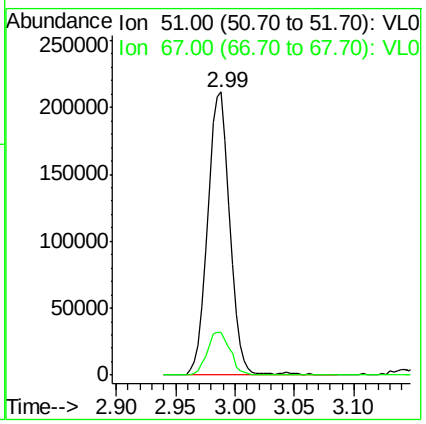


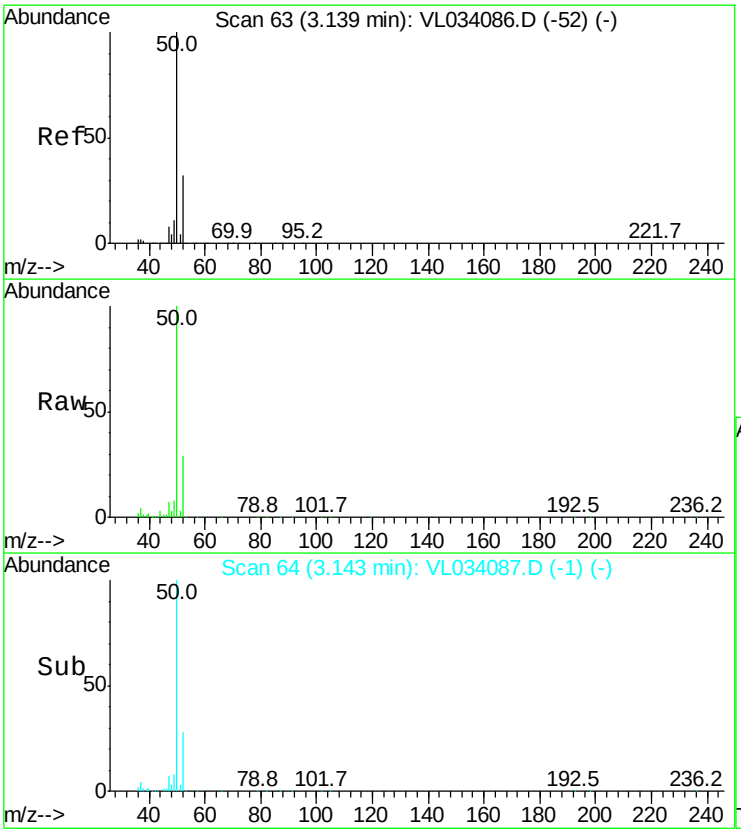
#3
Chlorodifluoromethane
Concen: 2.058 ppbv
RT: 2.99 min Scan# 16
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 273721

Ion	Ratio	Lower	Upper
51	100		
67	15.6	13.3	19.9

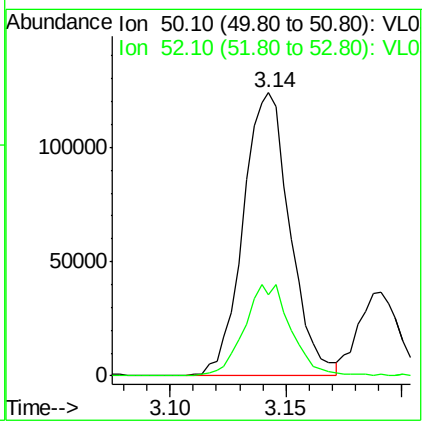


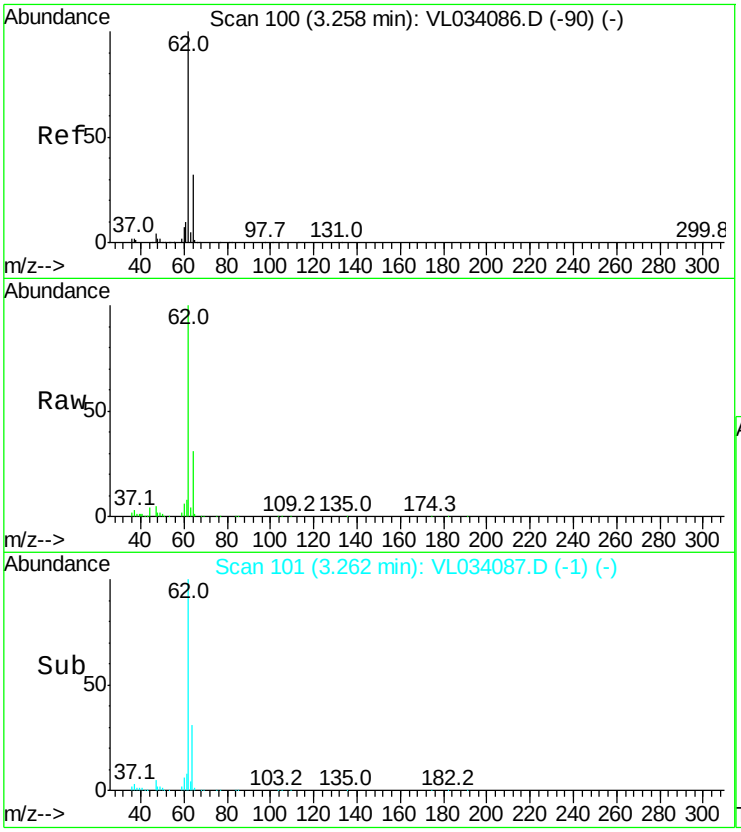


#4
Chloromethane
Concen: 2.262 ppbv
RT: 3.14 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 50 Resp: 173628

Ion	Ratio	Lower	Upper
50	100		
52	28.7	25.7	38.5



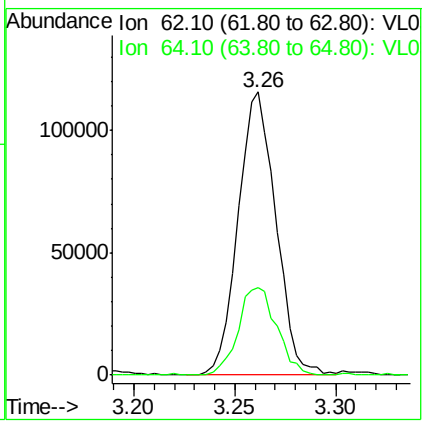


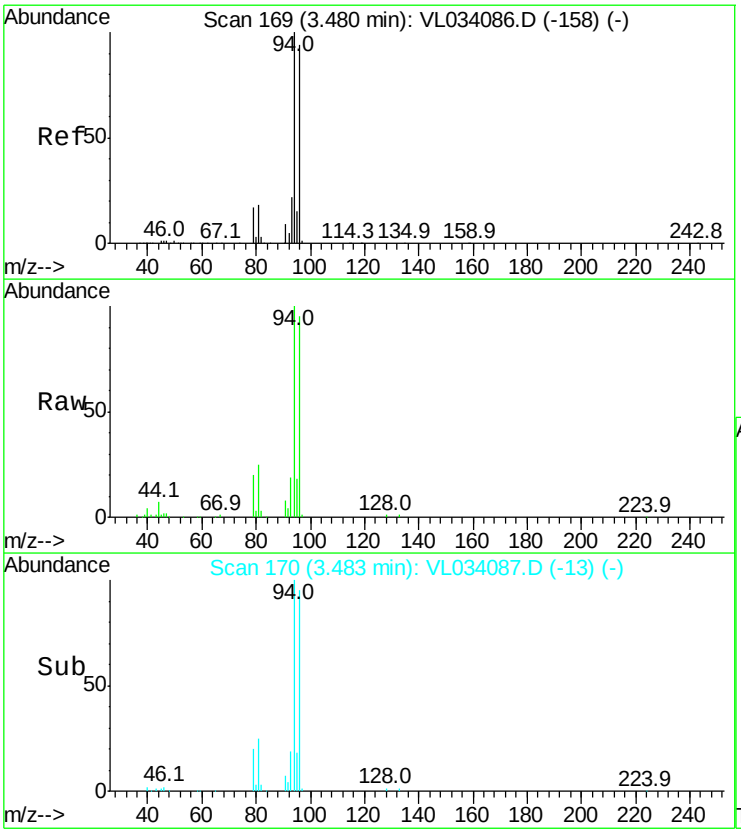
#5
Vinyl Chloride
Concen: 2.004 ppbv
RT: 3.26 min Scan# 101
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 152285

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.8	38.6

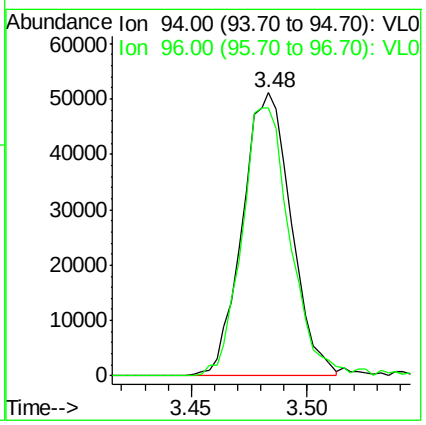


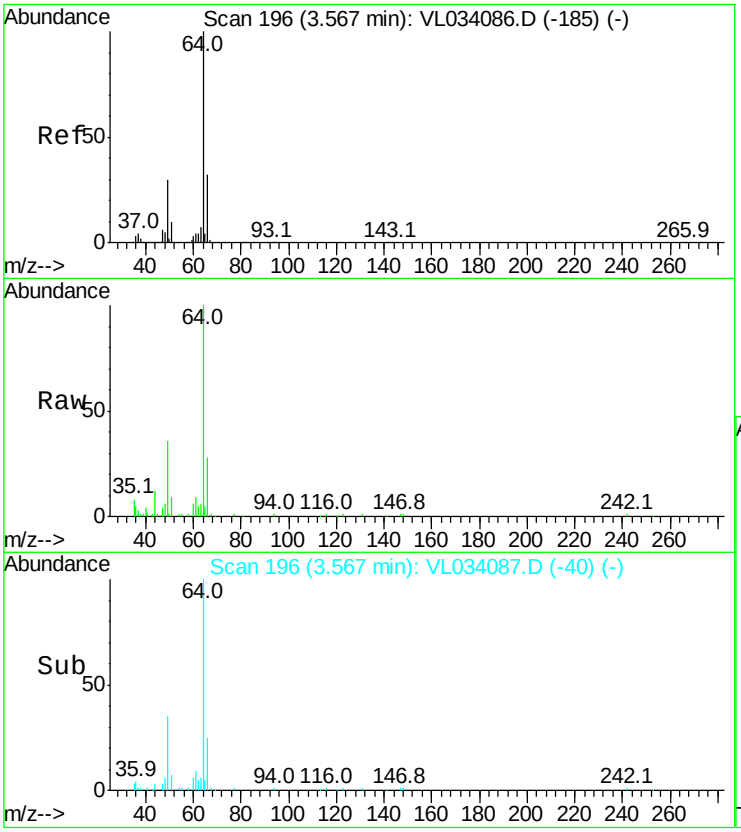


#6
Bromomethane
Concen: 1.313 ppbv
RT: 3.48 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 94 Resp: 74589

Ion	Ratio	Lower	Upper
94	100		
96	94.8	75.3	112.9



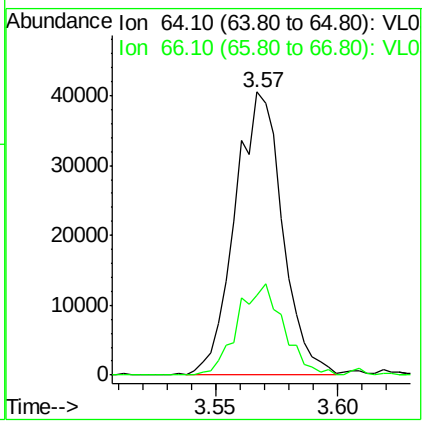


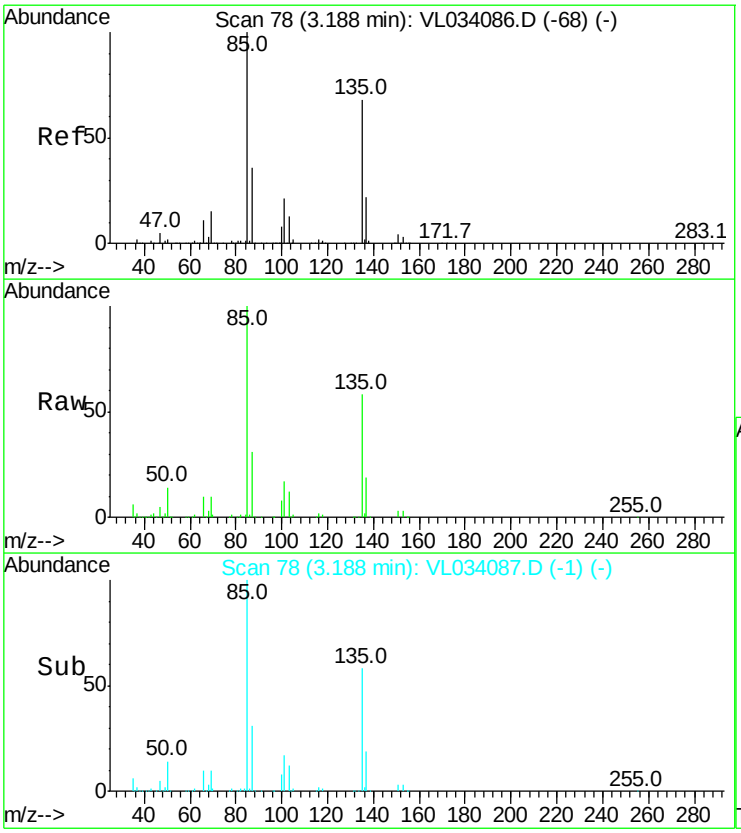
#7
Chloroethane
Concen: 1.490 ppbv
RT: 3.57 min Scan# 196
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 54622

Ion	Ratio	Lower	Upper
64	100		
66	28.1	25.2	37.8

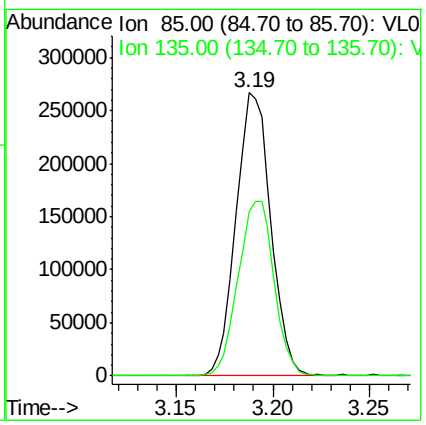


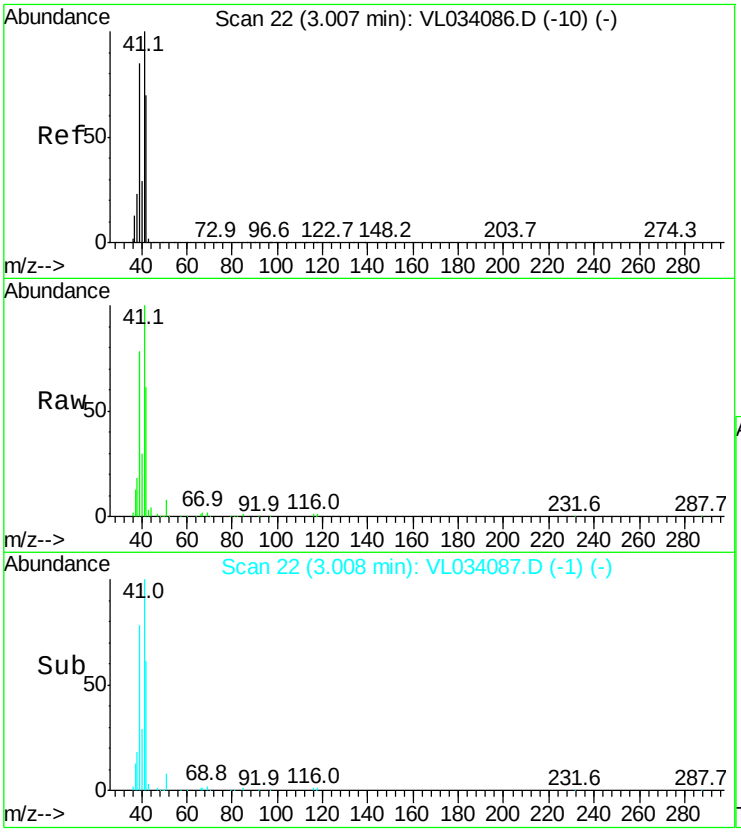


#8
Dichlorotetrafluoroethane
Concen: 1.589 ppbv
RT: 3.19 min Scan# 78
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 85 Resp: 334411

Ion	Ratio	Lower	Upper
85	100		
135	63.8	54.0	81.0



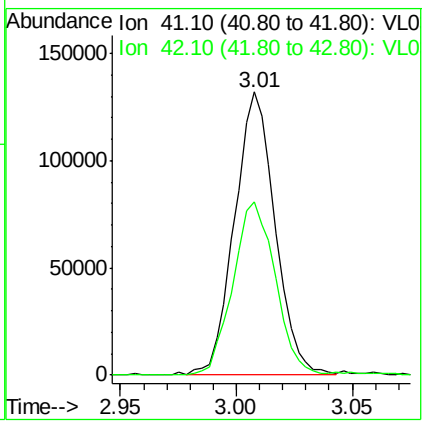


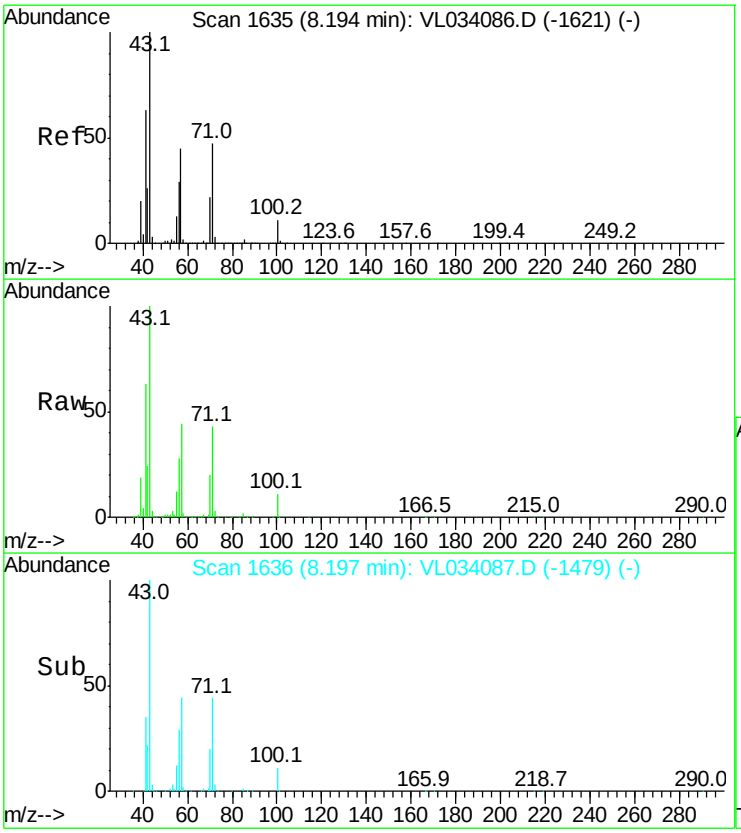
#9
Propene
Concen: 3.108 ppbv
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 159594

Ion	Ratio	Lower	Upper
41	100		
42	65.5	55.8	83.6

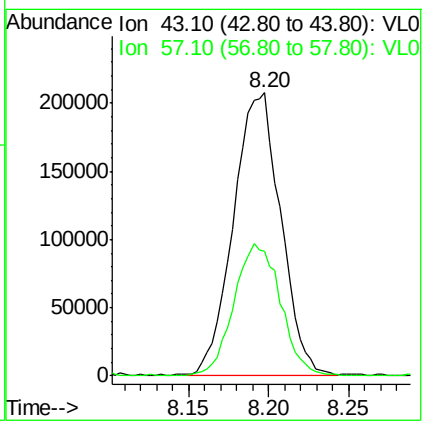


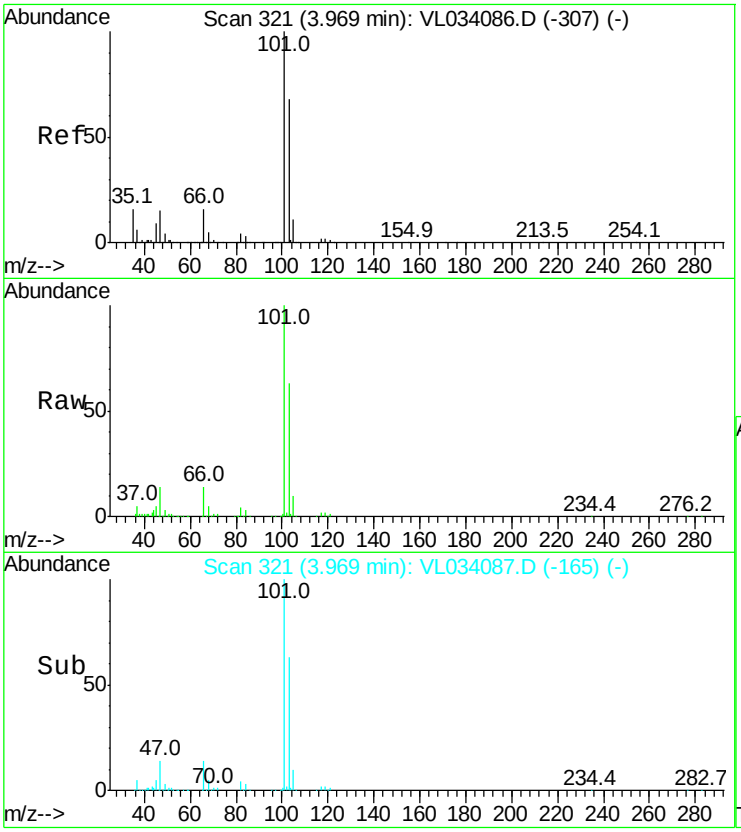


#10
Heptane
Concen: 2.929 ppbv
RT: 8.20 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 43 Resp: 416466

Ion	Ratio	Lower	Upper
43	100		
57	46.3	37.2	55.8



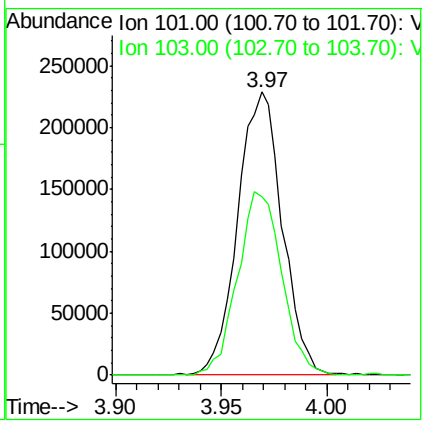


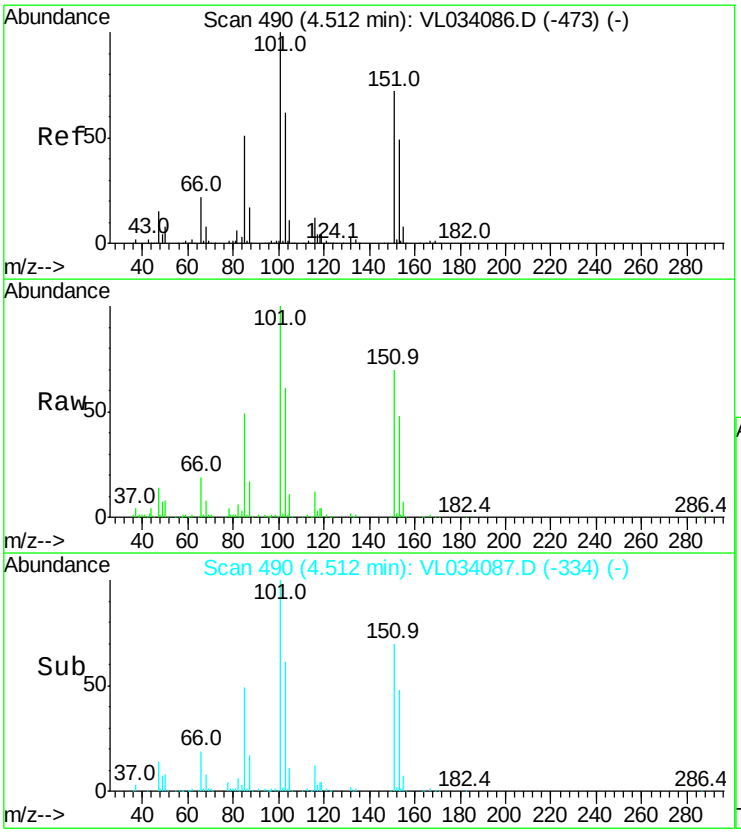
#11
Trichlorofluoromethane
Concen: 1.558 ppbv
RT: 3.97 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 335968

Ion	Ratio	Lower	Upper
101	100		
103	63.1	54.3	81.5

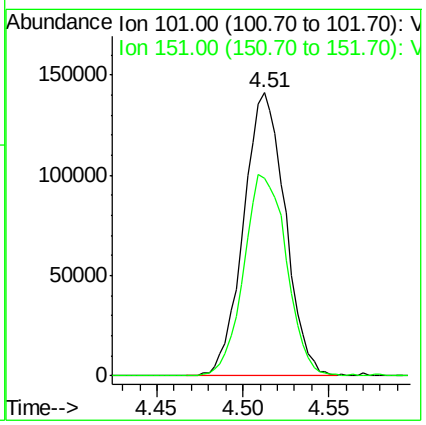


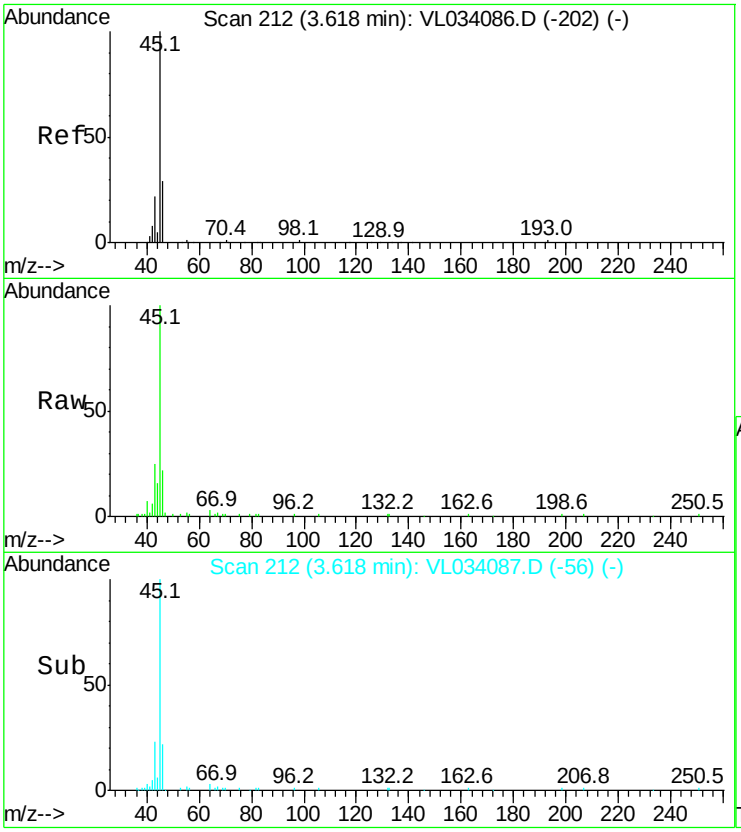


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.441 ppbv
RT: 4.51 min Scan# 490
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:101 Resp: 236589

Ion	Ratio	Lower	Upper
101	100		
151	73.0	59.4	89.0



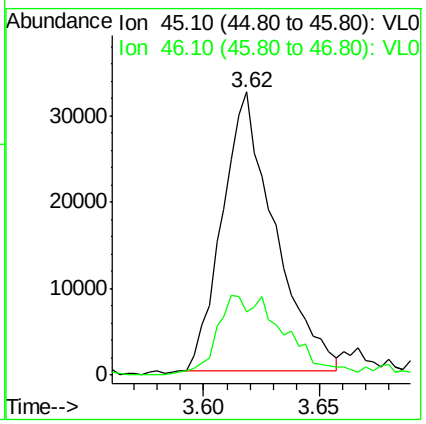


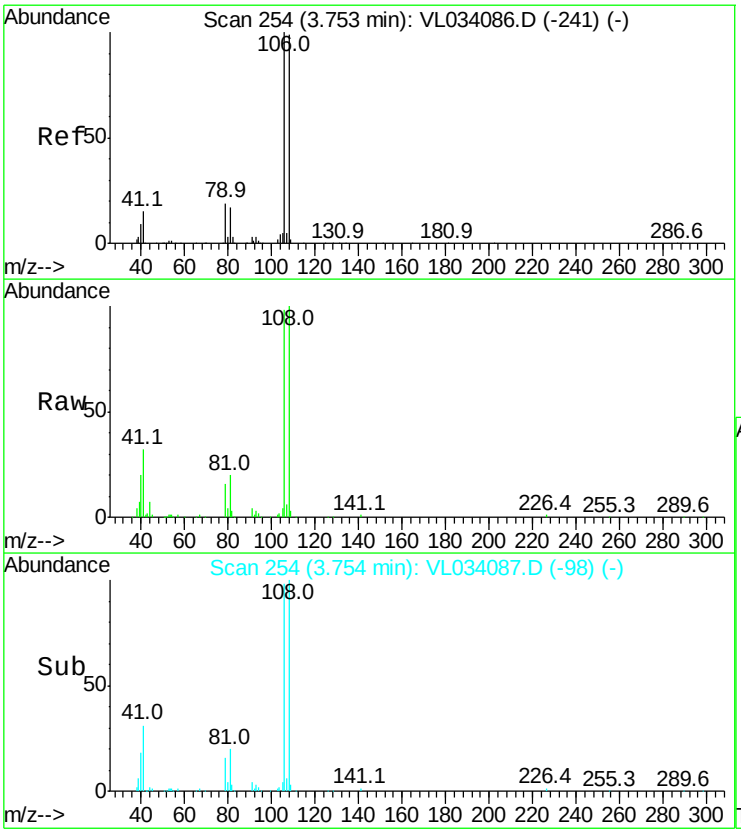
#13
Ethanol
Concen: 2.437 ppbv
RT: 3.62 min Scan# 212
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 50720

Ion	Ratio	Lower	Upper
45	100		
46	39.1	14.9	59.5

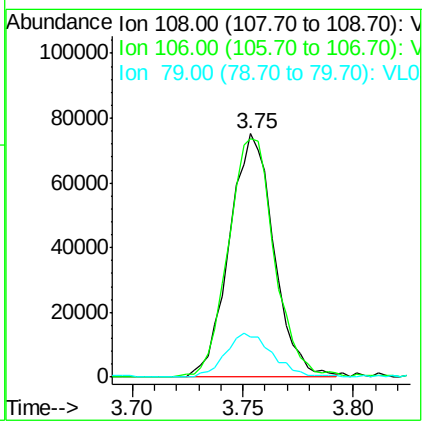


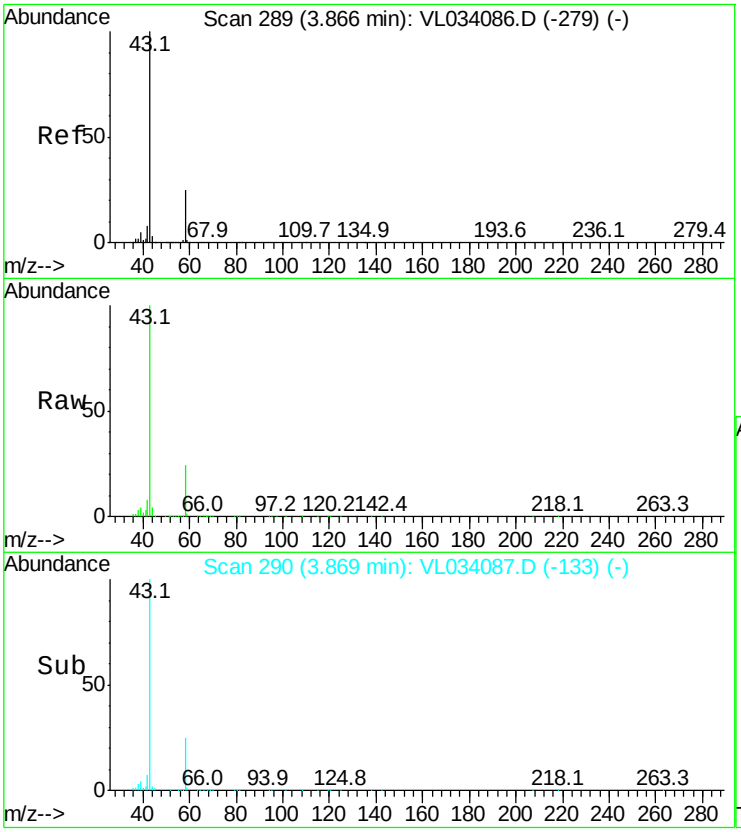


#14
Bromoethene
Concen: 1.148 ppbv
RT: 3.75 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:108 Resp: 105548

Ion	Ratio	Lower	Upper
108	100		
106	101.9	85.0	127.6
79	19.2	15.8	23.8



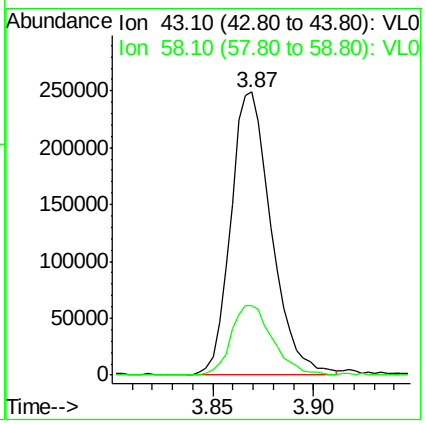


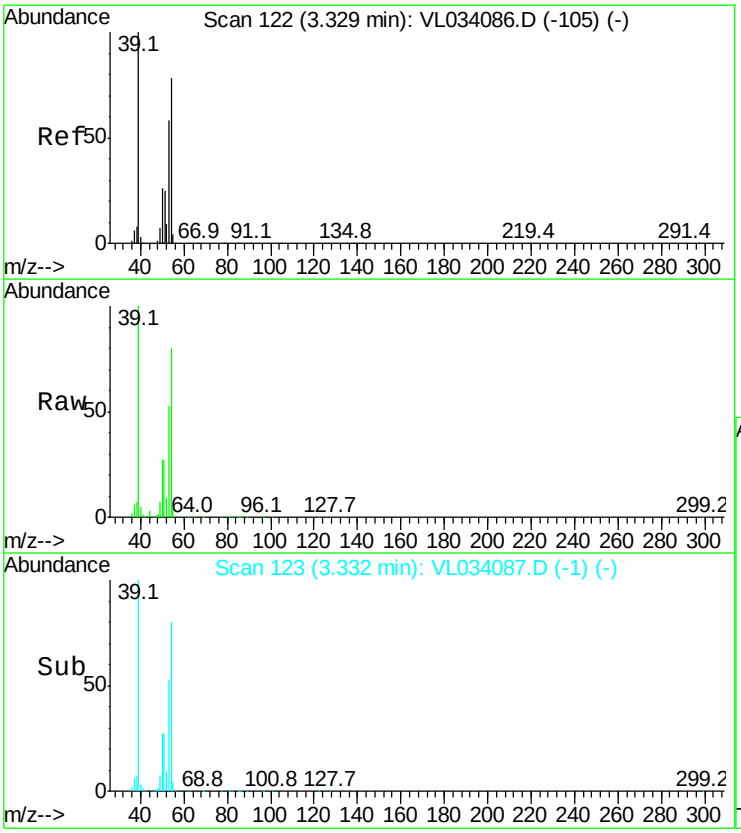
#15
Acetone
Concen: 1.894 ppbv
RT: 3.87 min Scan# 290
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 351650

Ion	Ratio	Lower	Upper
43	100		
58	25.6	20.6	30.8

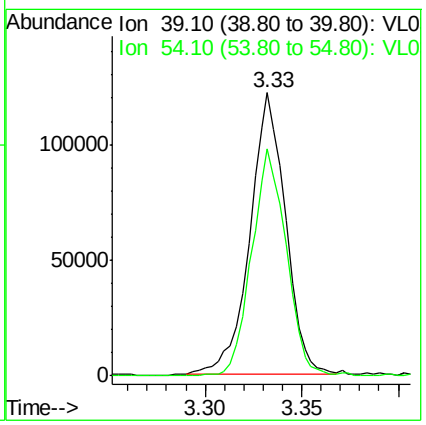


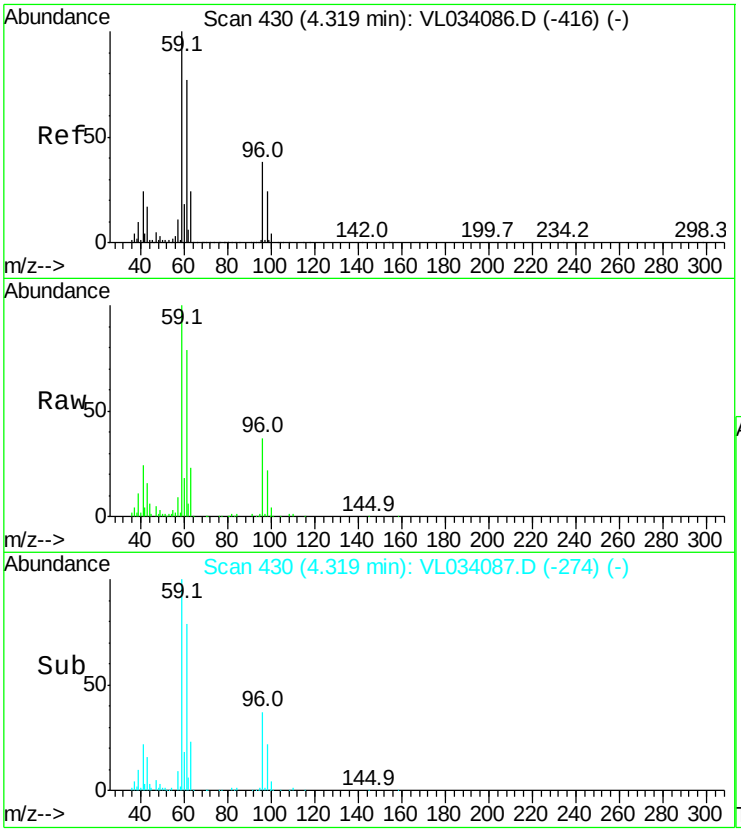


#16
1,3-Butadiene
Concen: 2.303 ppbv
RT: 3.33 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 39 Resp: 156470

Ion	Ratio	Lower	Upper
39	100		
54	78.5	62.7	94.1



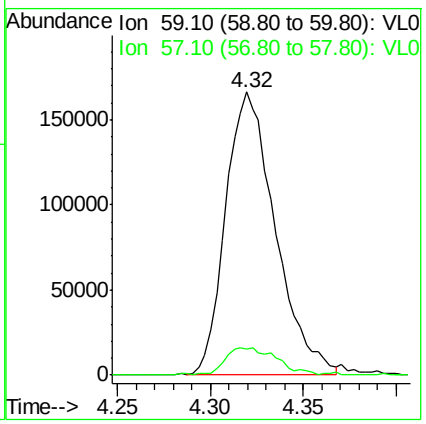


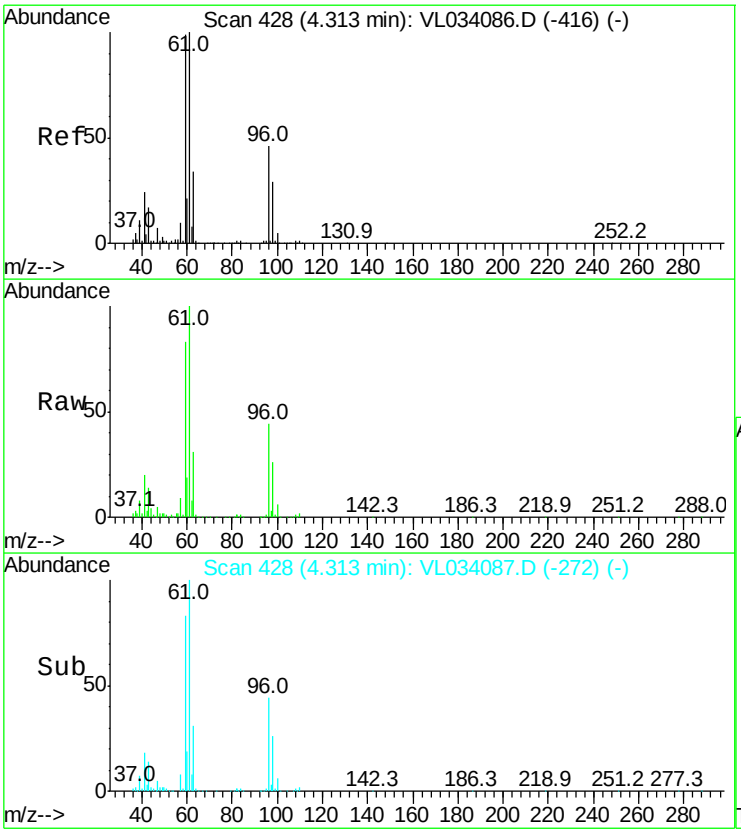
#17
tert-Butyl alcohol
Concen: 2.277 ppbv
RT: 4.32 min Scan# 430
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 59 Resp: 306945

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

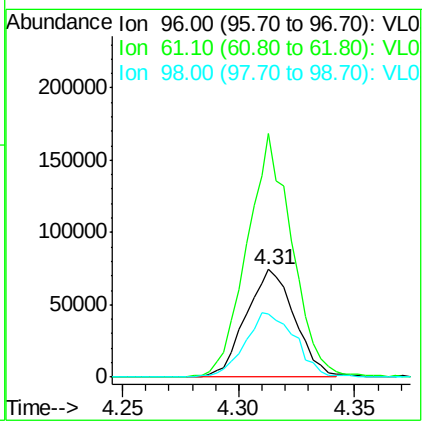


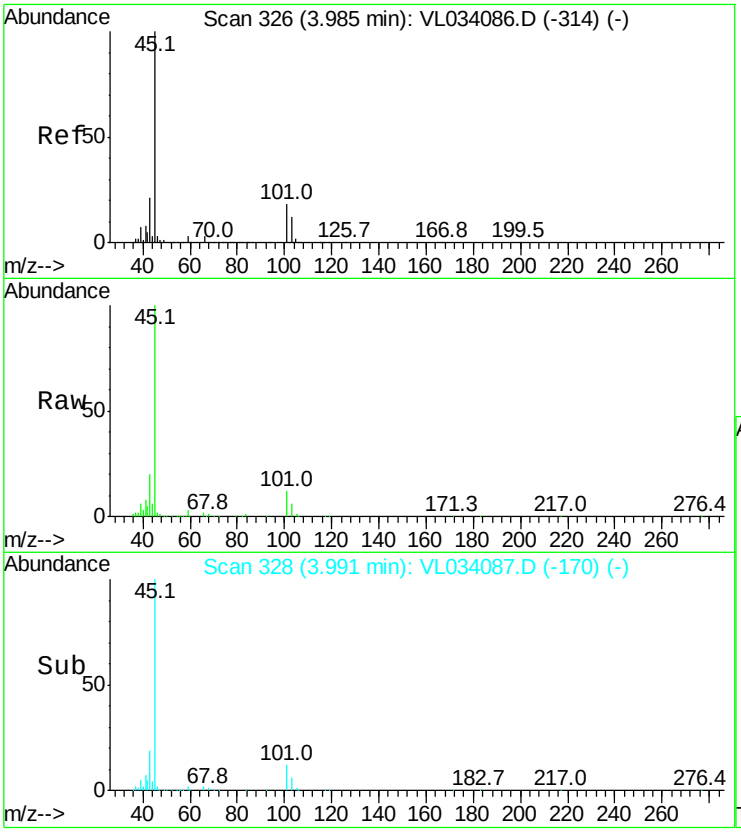


#18
1,1-Dichloroethene
Concen: 1.511 ppbv
RT: 4.31 min Scan# 428
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 96 Resp: 108560

Ion	Ratio	Lower	Upper
96	100		
61	226.7	173.1	259.7
98	58.8	50.3	75.5



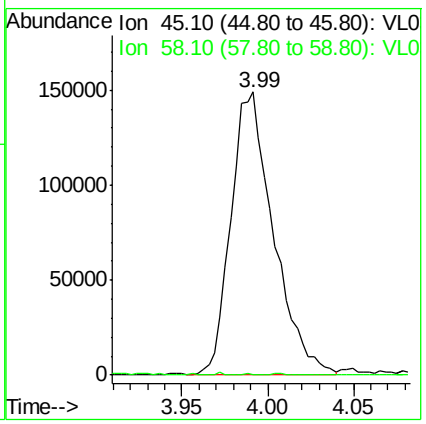


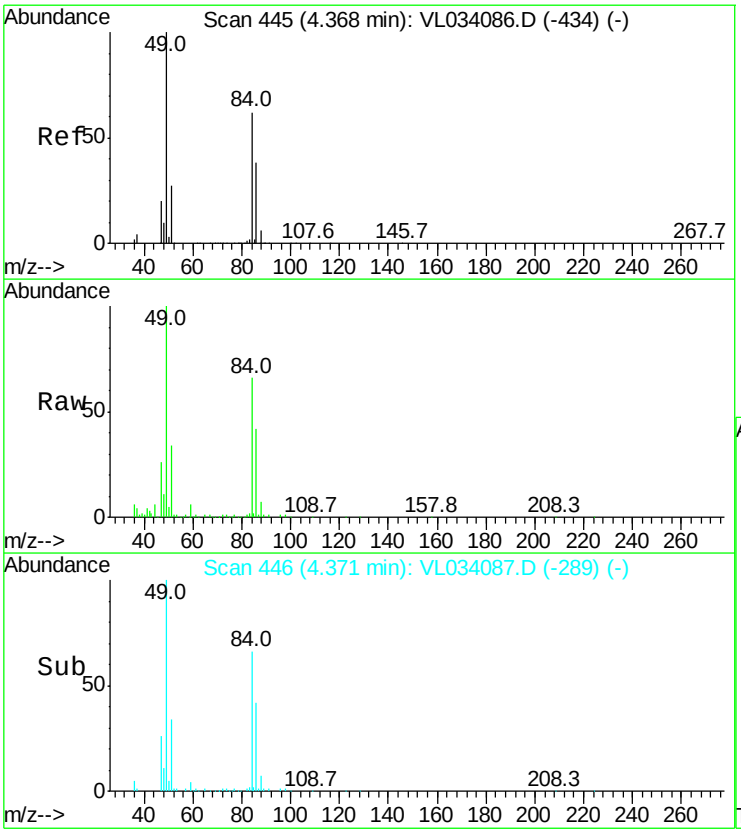
#19
Isopropyl Alcohol
Concen: 2.224 ppbv
RT: 3.99 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 254867

Ion	Ratio	Lower	Upper
45	100		
58	35.4	24.6	37.0

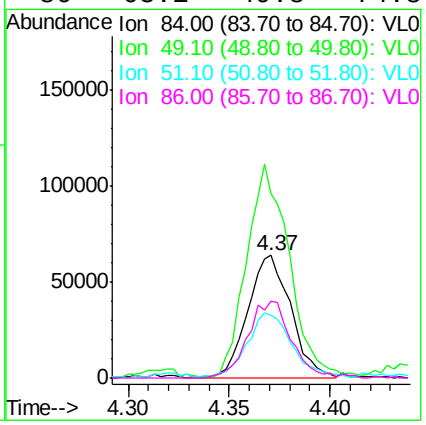


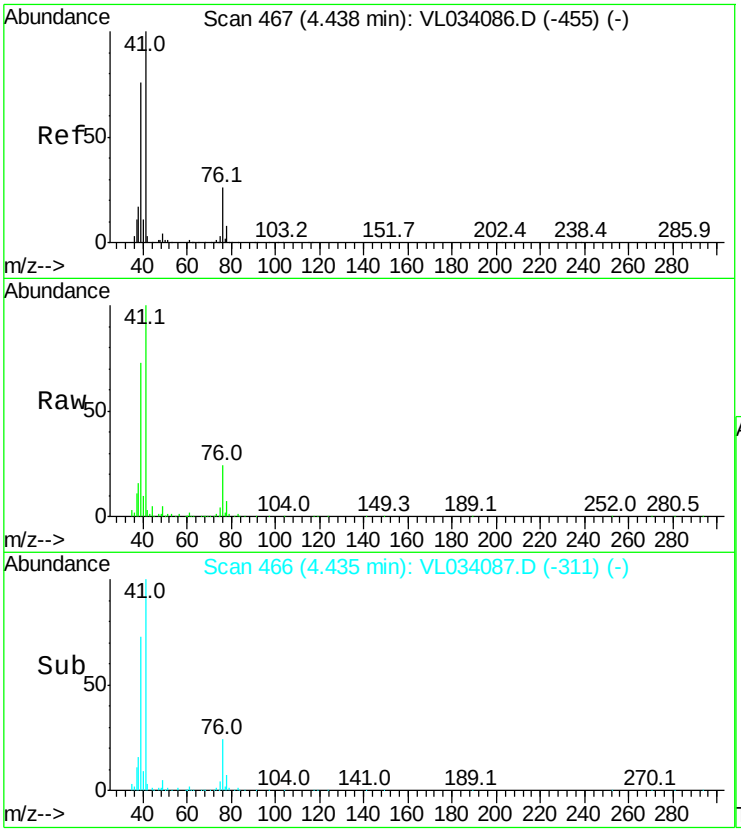


#20
Methylene Chloride
Concen: 1.415 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 84 Resp: 94624

Ion	Ratio	Lower	Upper
84	100		
49	148.5	129.7	194.5
51	49.0	35.8	53.8
86	63.1	49.8	74.8



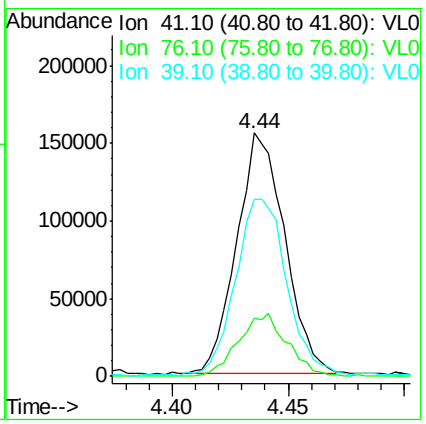


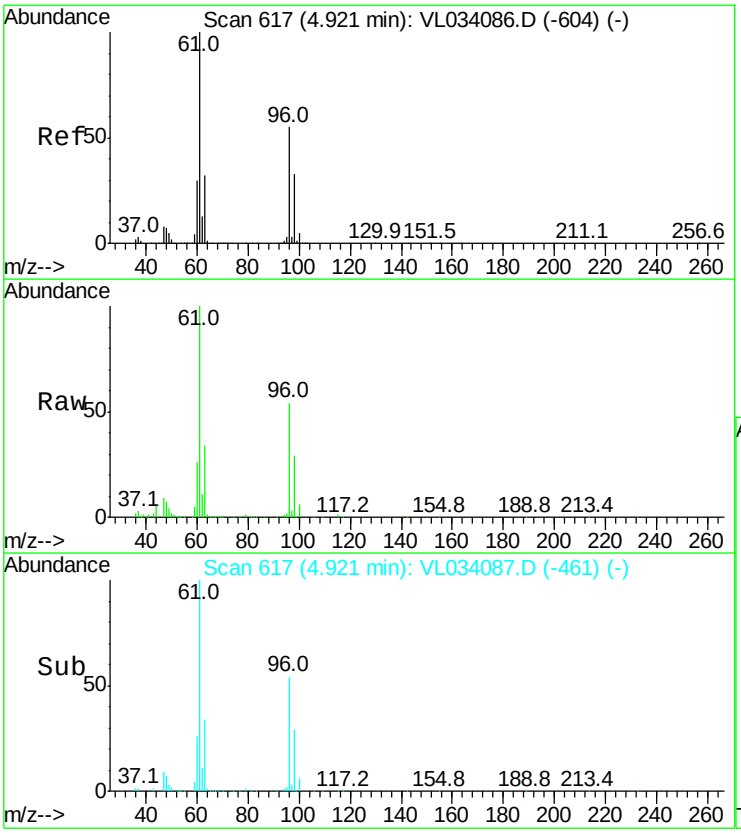
#21
Allyl Chloride
Concen: 1.986 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 223492

Ion	Ratio	Lower	Upper
41	100		
76	26.4	20.8	31.2
39	78.0	61.3	91.9

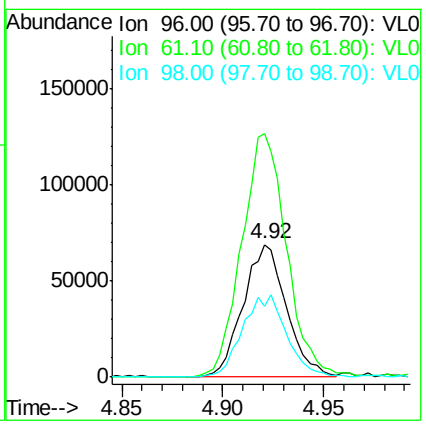


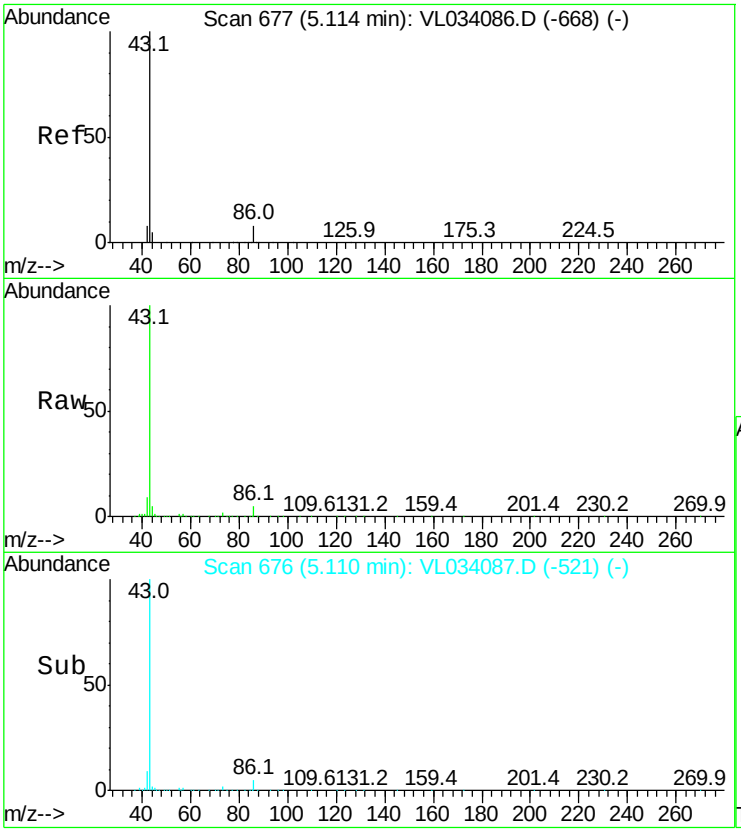


#22
trans-1,2-Dichloroethene
Concen: 1.421 ppbv
RT: 4.92 min Scan# 617
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 96 Resp: 104037

Ion	Ratio	Lower	Upper
96	100		
61	183.5	144.2	216.2
98	53.7	48.0	72.0



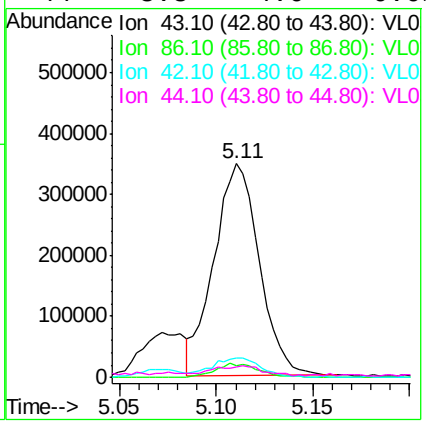


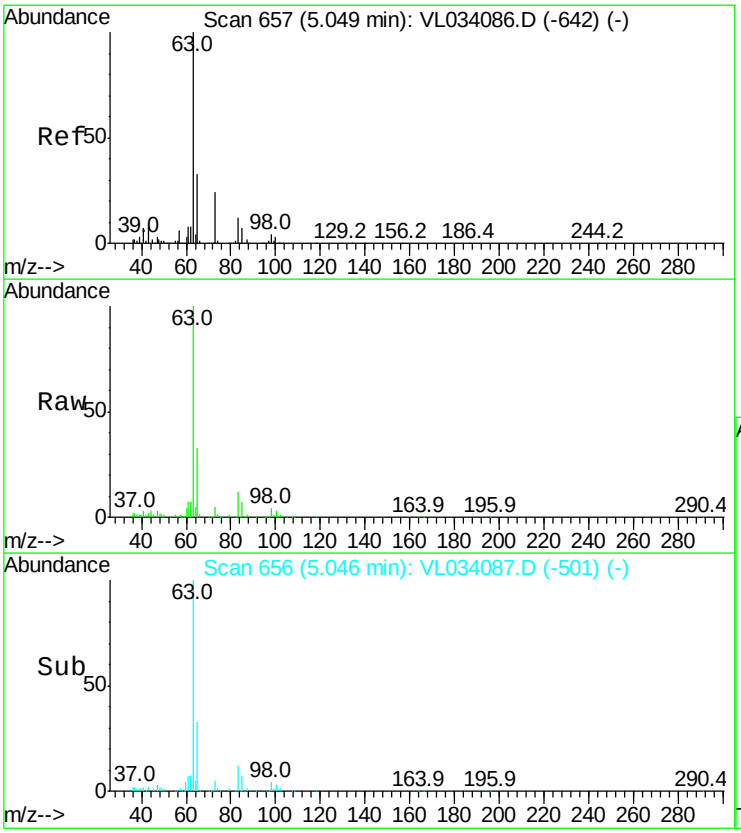
#23
Vinyl Acetate
Concen: 2.970 ppbv
RT: 5.11 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 568253

Ion	Ratio	Lower	Upper
43	100		
86	5.4	5.4	8.0#
42	8.6	7.9	11.9
44	3.8	4.0	6.0#

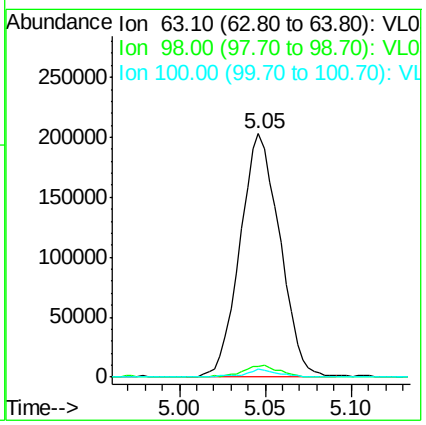


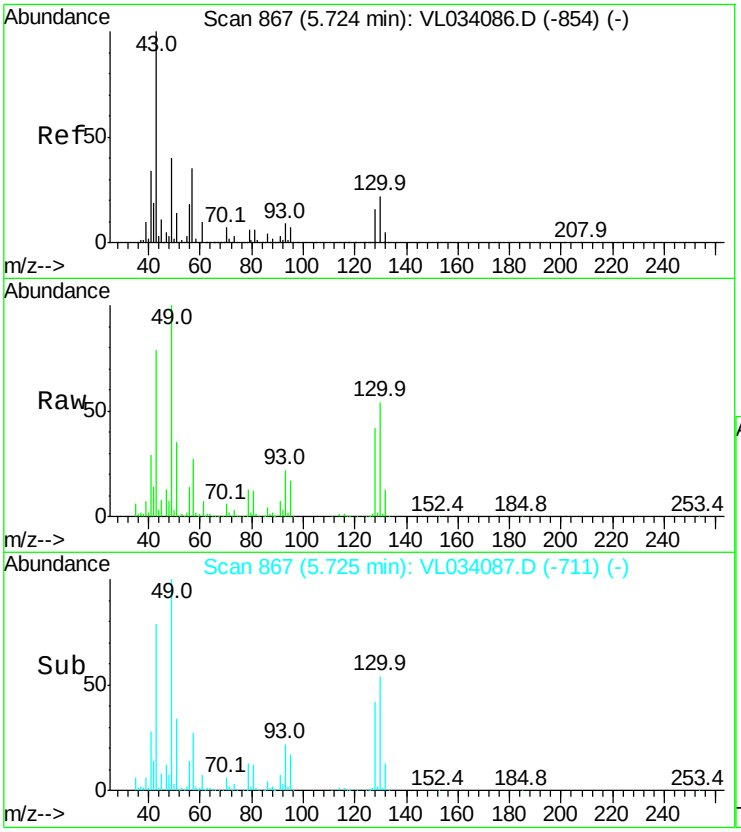


#24
1,1-Dichloroethane
Concen: 2.027 ppbv
RT: 5.05 min Scan# 656
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 63 Resp: 325738

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.0	6.0
100	3.4	1.3	3.8



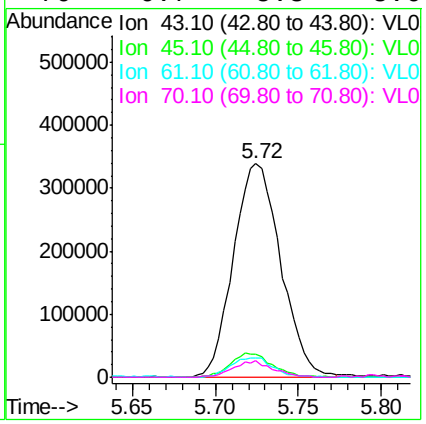


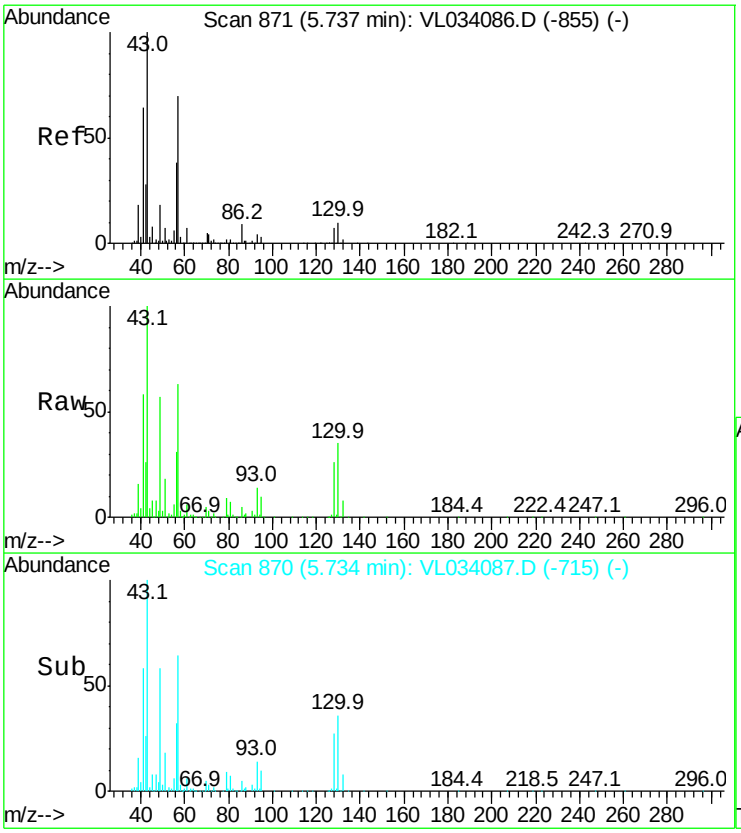
#25
Ethyl Acetate
Concen: 2.436 ppbv
RT: 5.72 min Scan# 867
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 669060

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	8.4	7.3	10.9
70	6.7	5.8	8.6

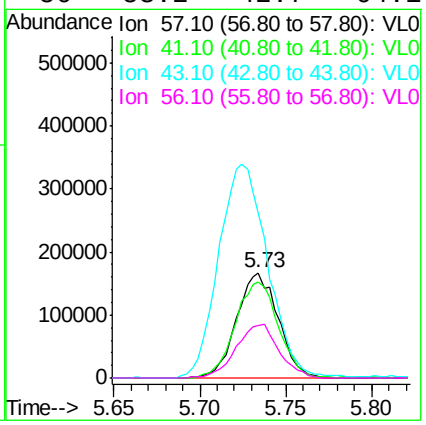


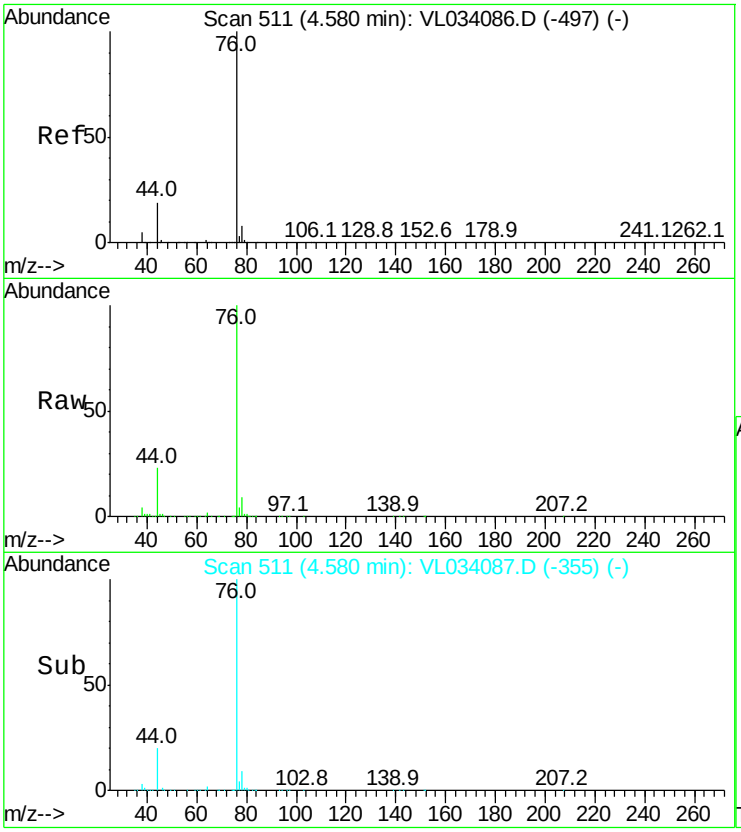


#26
Hexane
Concen: 2.245 ppbv
RT: 5.73 min Scan# 870
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 57 Resp: 279152

Ion	Ratio	Lower	Upper
57	100		
41	97.5	75.7	113.5
43	240.0	189.8	284.8
56	53.2	42.7	64.1



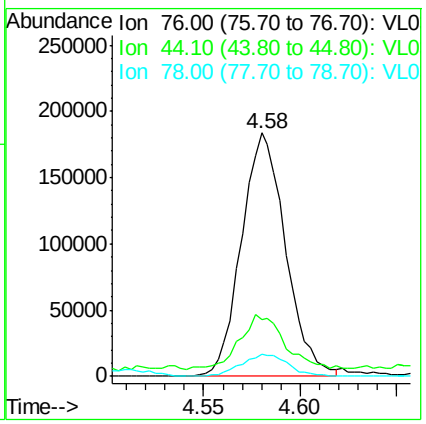


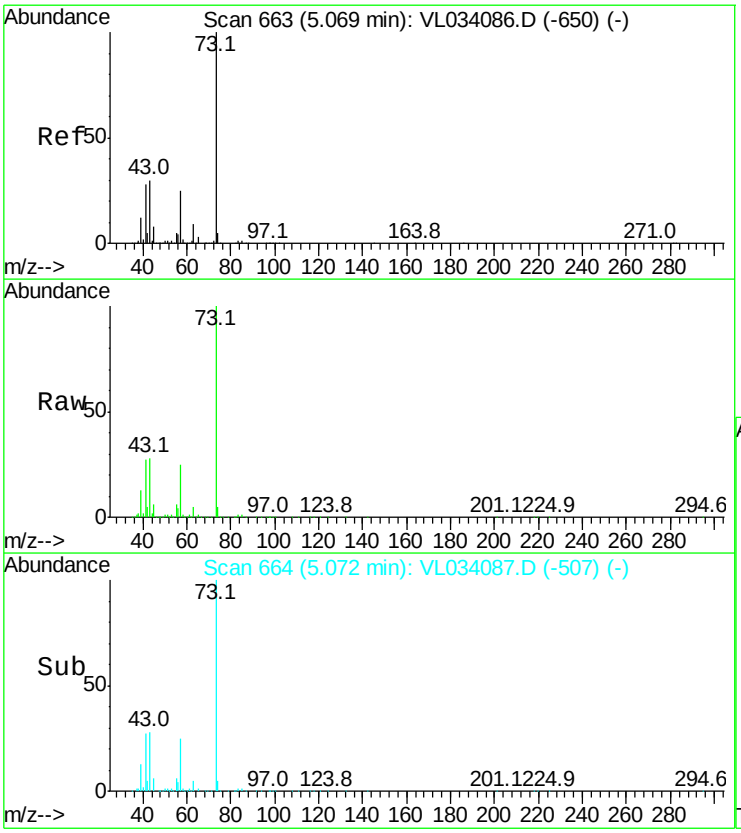
#27
Carbon Disulfide
Concen: 1.576 ppbv
RT: 4.58 min Scan# 511
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 291726

Ion	Ratio	Lower	Upper
76	100		
44	22.6	17.8	26.6
78	9.7	7.7	11.5

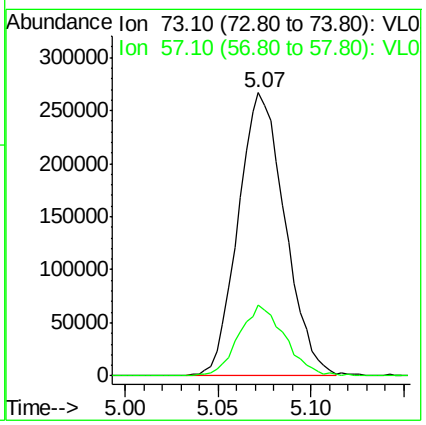


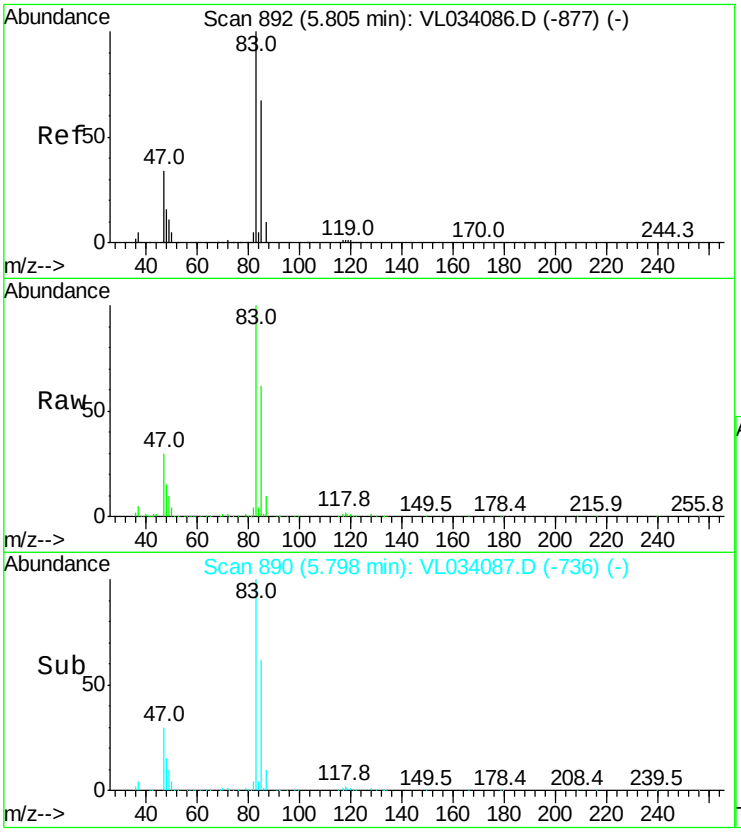


#28
Methyl tert-Butyl Ether
Concen: 2.499 ppbv
RT: 5.07 min Scan# 664
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 73 Resp: 466504

Ion	Ratio	Lower	Upper
73	100		
57	24.8	19.5	29.3



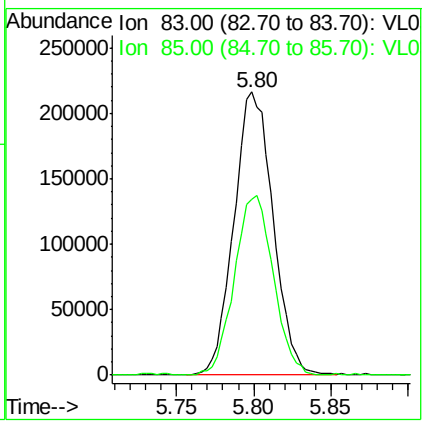


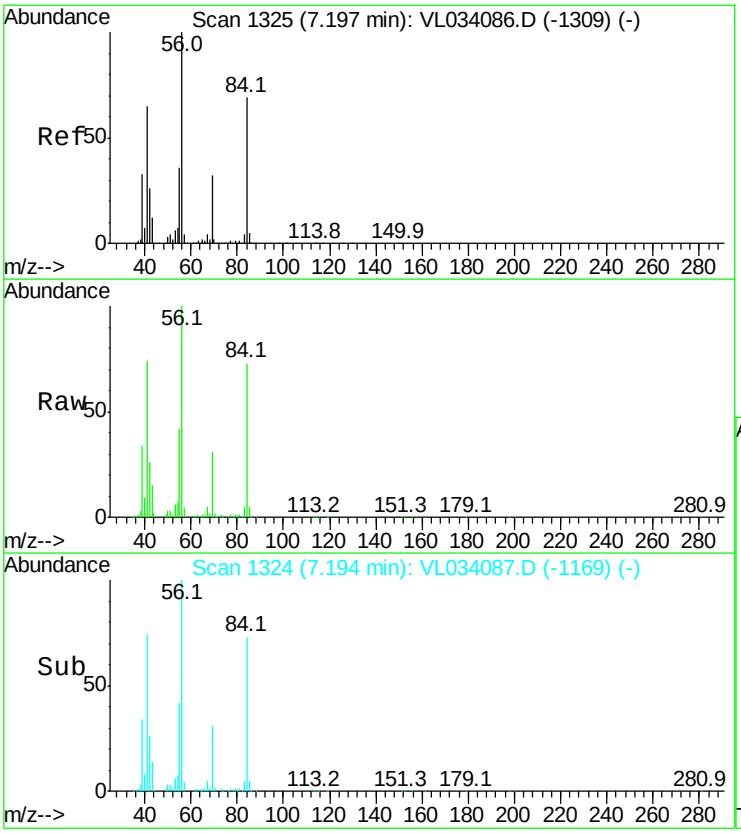
#29
Chloroform
Concen: 1.760 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 380681

Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.2	79.8

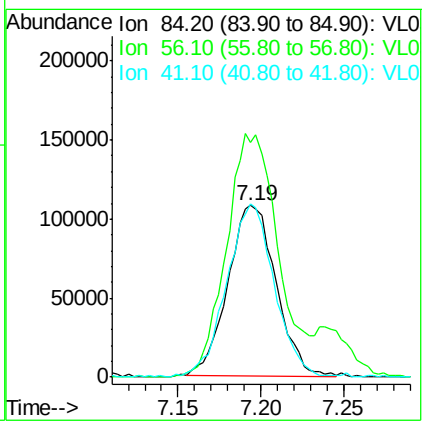


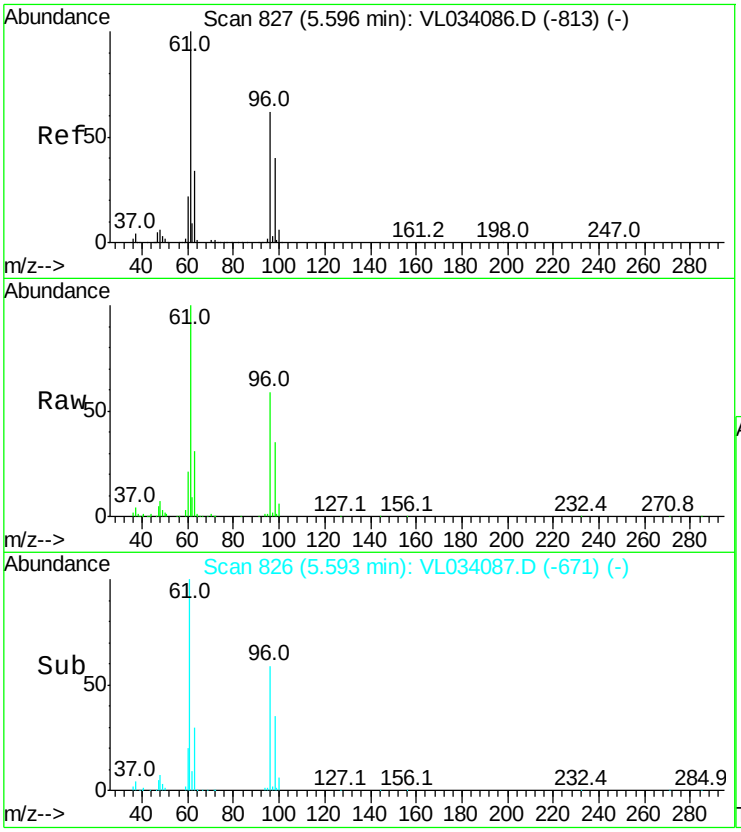


#30
Cyclohexane
Concen: 2.194 ppbv
RT: 7.19 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 84 Resp: 217597

Ion	Ratio	Lower	Upper
84	100		
56	174.3	122.6	184.0
41	101.2	80.1	120.1



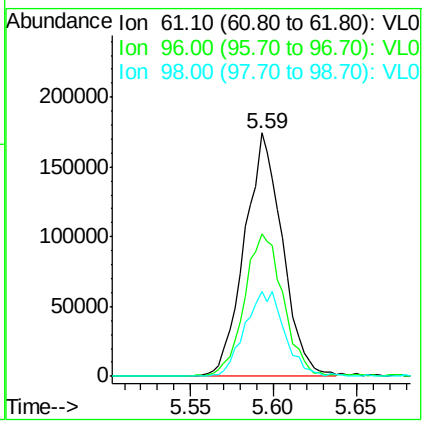


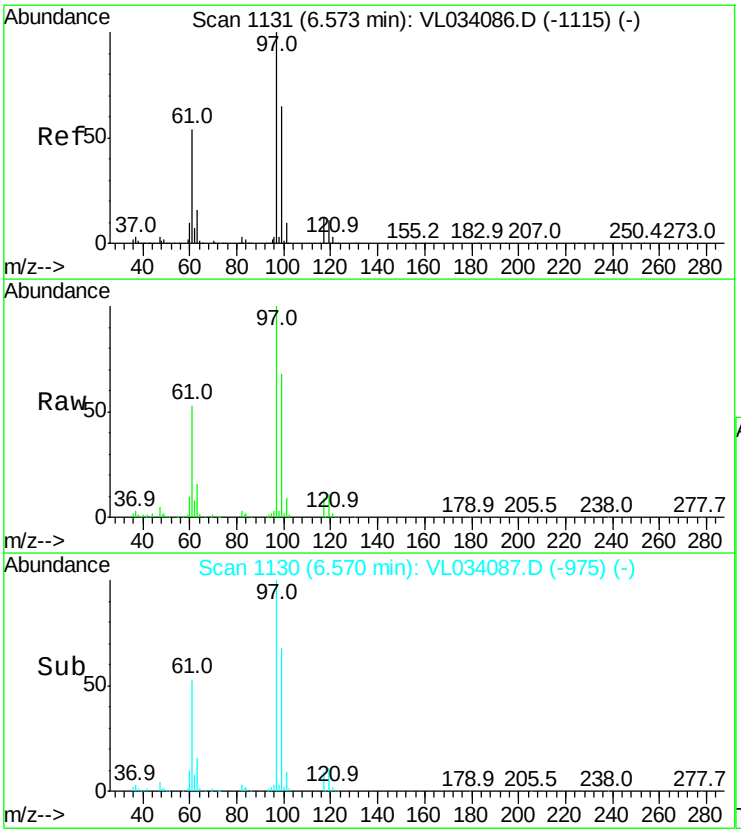
#31
cis-1,2-Dichloroethene
Concen: 2.279 ppbv
RT: 5.59 min Scan# 826
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 61 Resp: 277926

Ion	Ratio	Lower	Upper
61	100		
96	58.5	49.3	73.9
98	34.8	32.4	48.6

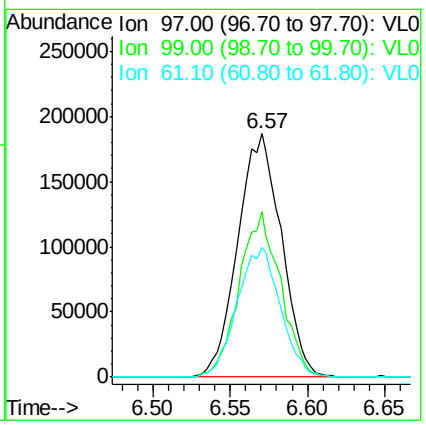


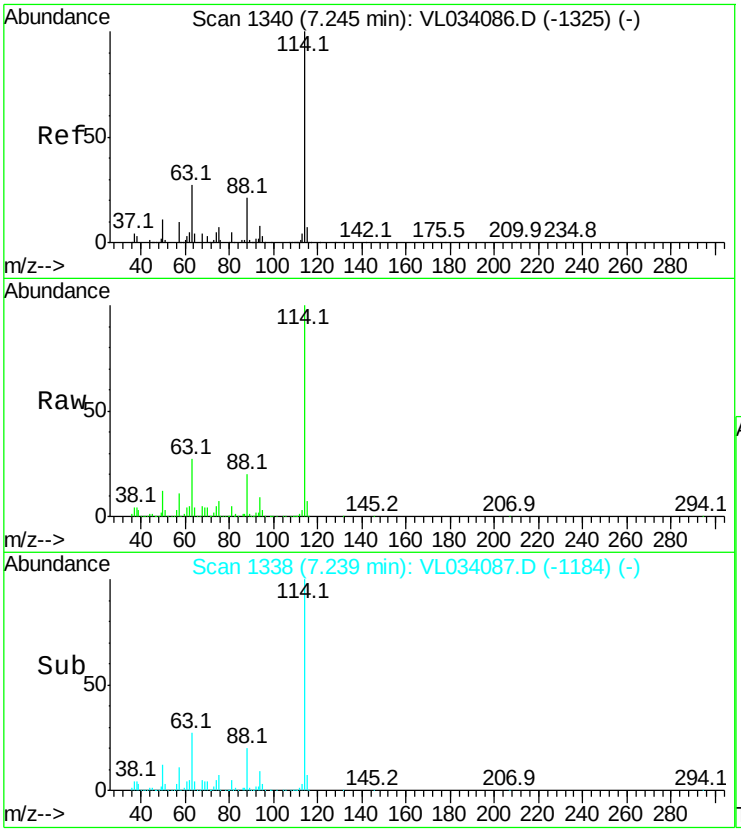


#32
1,1,1-Trichloroethane
Concen: 1.605 ppbv
RT: 6.57 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 97 Resp: 366229

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.4
61	52.8	42.0	63.0



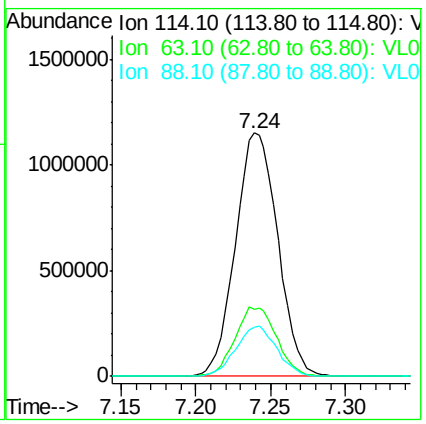


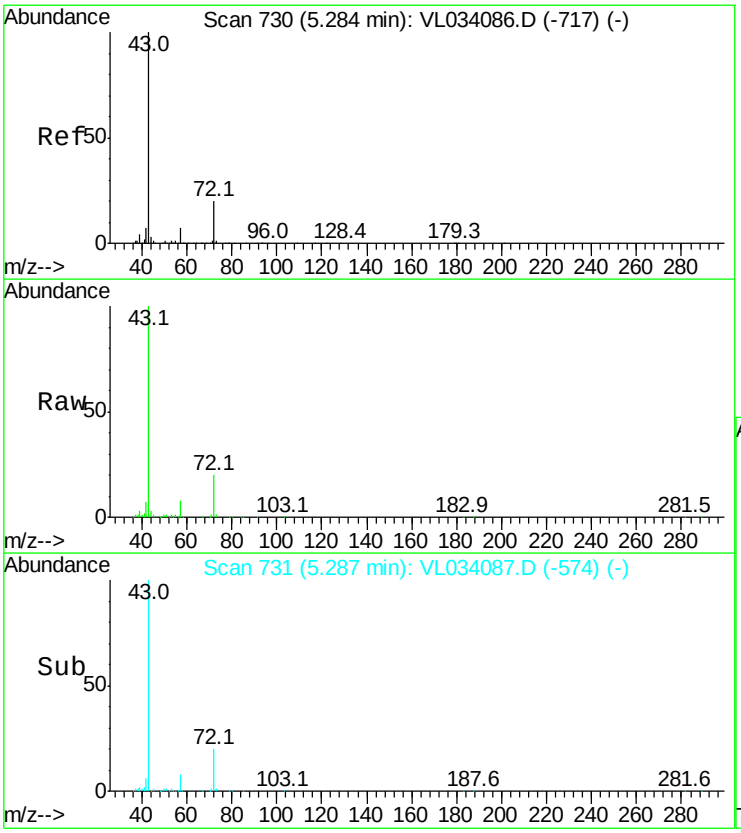
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2265724

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.5	33.7
88	20.0	15.7	23.5

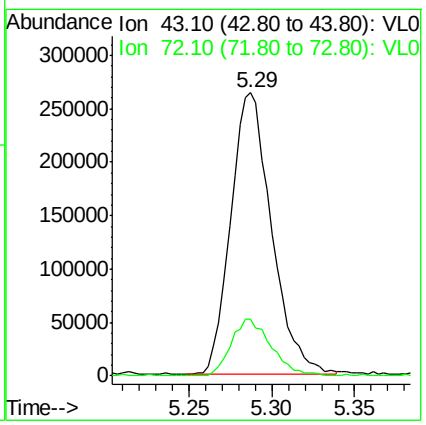


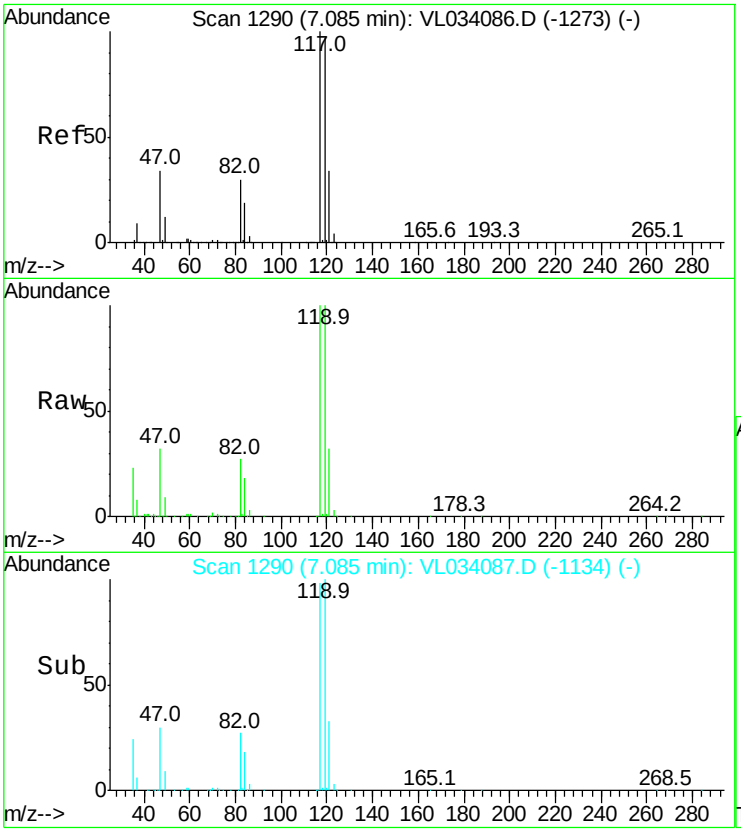


#34
2-Butanone
Concen: 3.475 ppbv
RT: 5.29 min Scan# 731
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 43 Resp: 450944

Ion	Ratio	Lower	Upper
43	100		
72	20.0	16.0	24.0



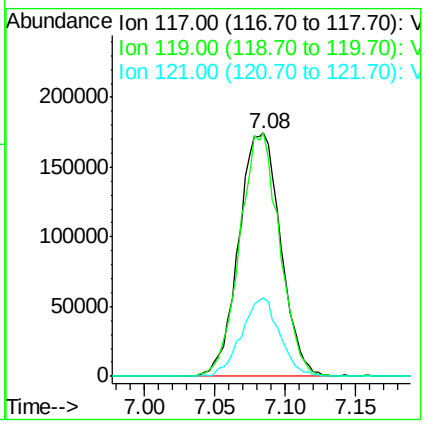


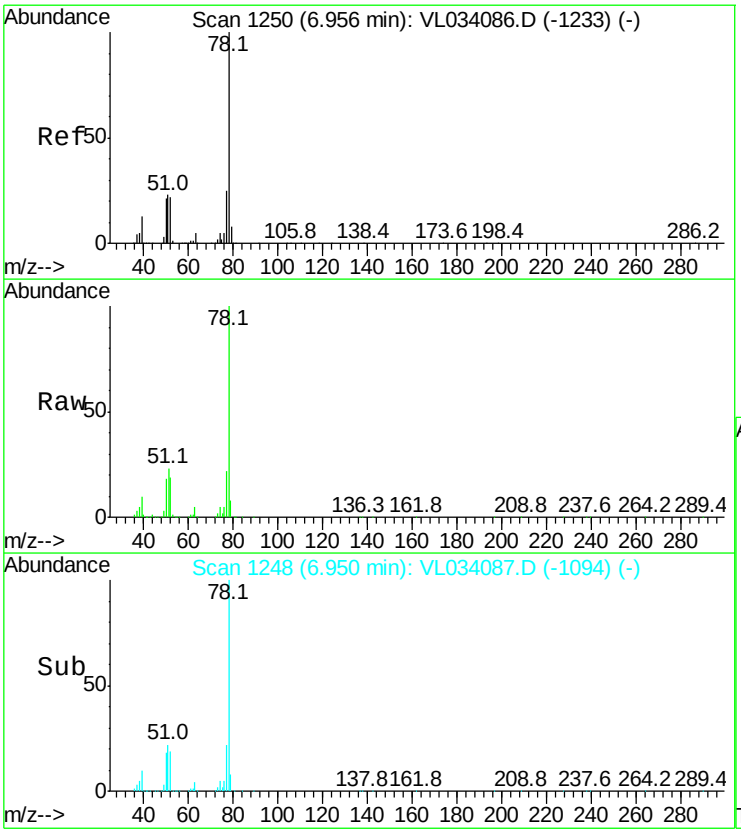
#35
Carbon Tetrachloride
Concen: 1.980 ppbv
RT: 7.08 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 362513

Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.8	116.6
121	32.5	27.4	41.2

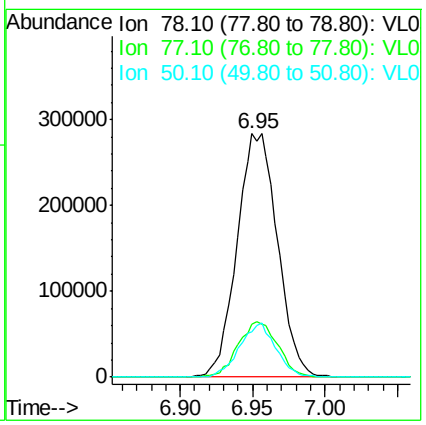


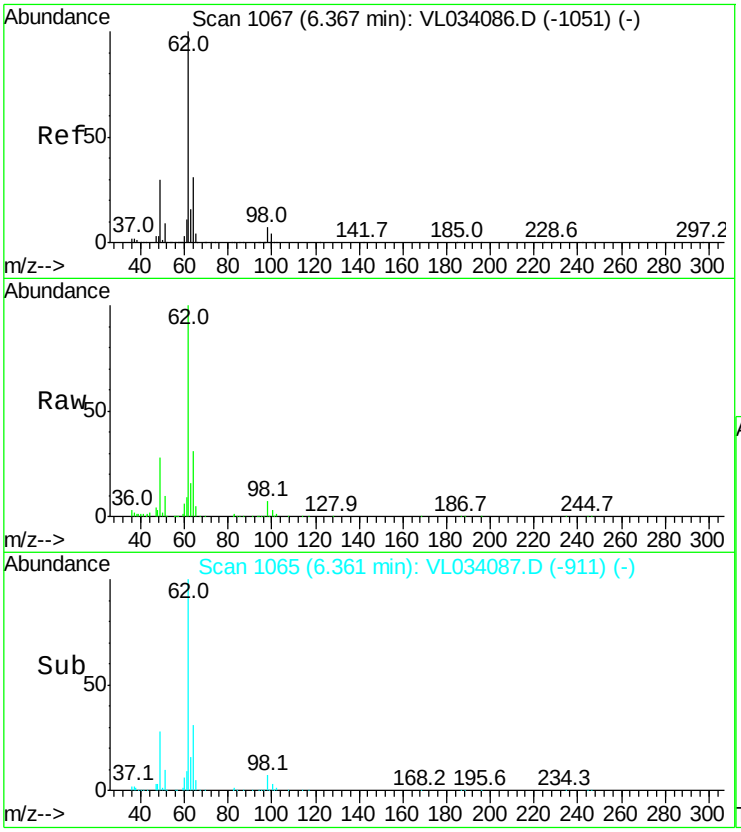


#36
Benzene
Concen: 2.548 ppbv
RT: 6.95 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 78 Resp: 550391

Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.9	29.9
50	18.2	16.7	25.1



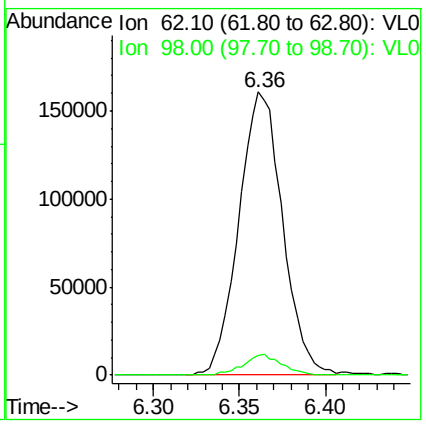


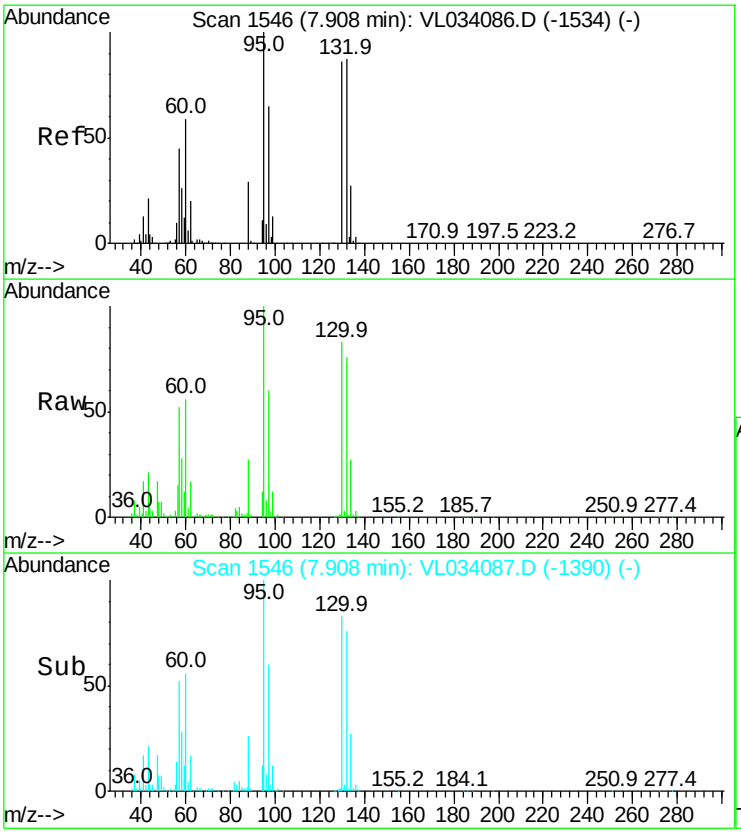
#37
1,2-Dichloroethane
Concen: 2.011 ppbv
RT: 6.36 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 283340

Ion	Ratio	Lower	Upper
62	100		
98	6.7	4.9	7.3

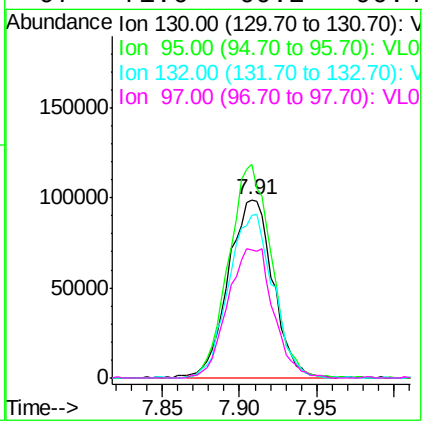


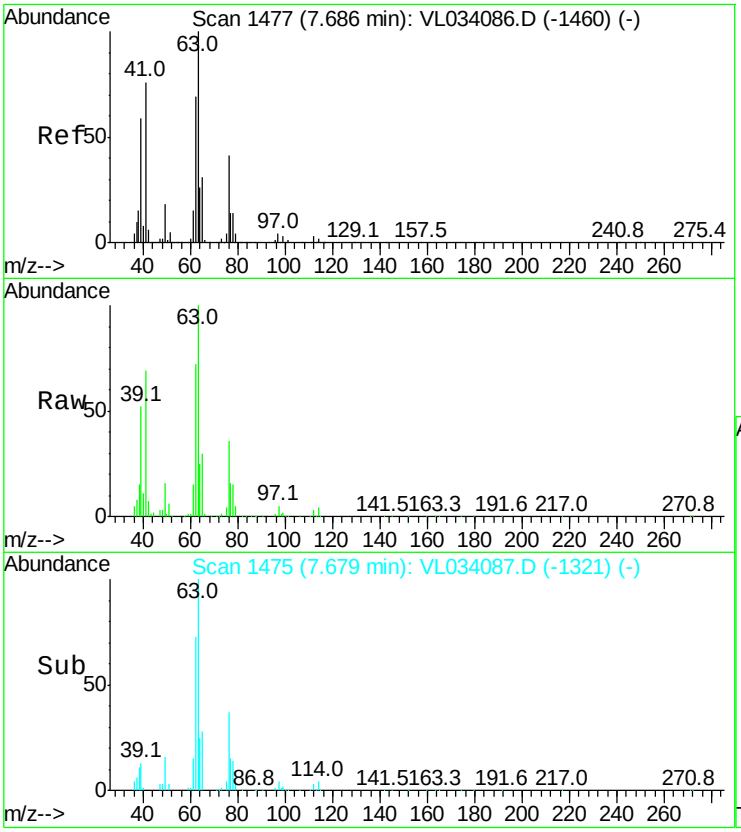


#38
Trichloroethene
Concen: 2.710 ppbv
RT: 7.91 min Scan# 1546
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:130 Resp: 197723

Ion	Ratio	Lower	Upper
130	100		
95	119.0	92.1	138.1
132	90.7	79.7	119.5
97	71.6	60.2	90.4



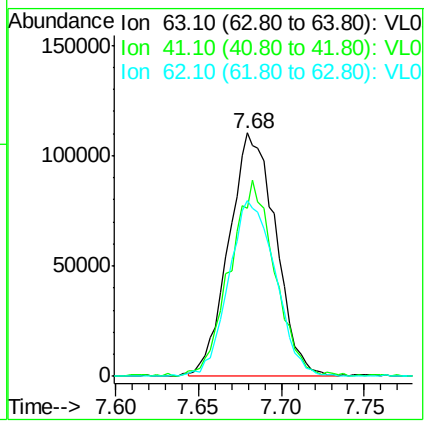


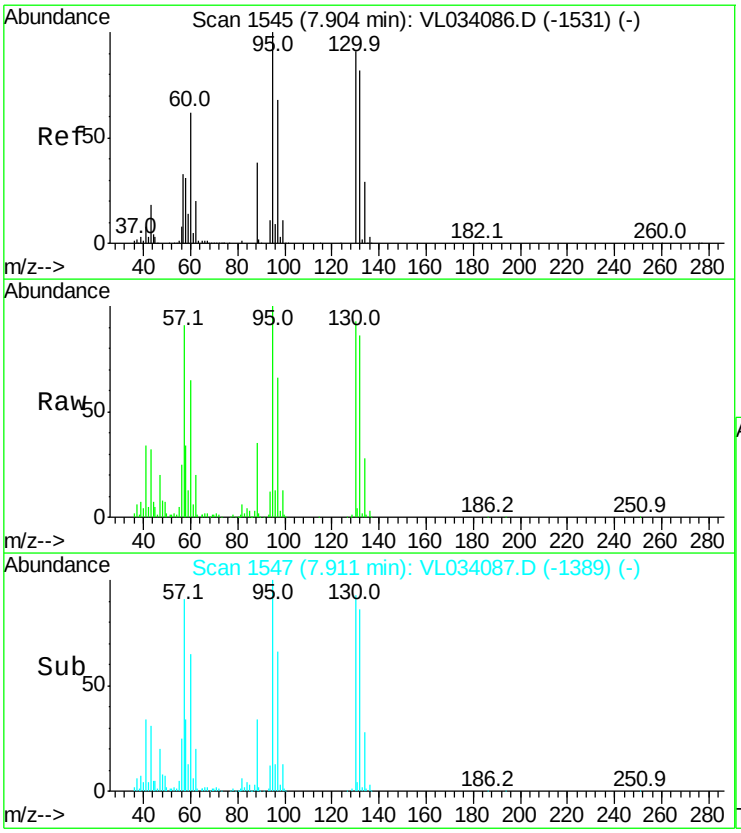
#39
1,2-Dichloropropane
Concen: 2.760 ppbv
RT: 7.68 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 215606

Ion	Ratio	Lower	Upper
63	100		
41	68.5	60.6	91.0
62	72.2	55.0	82.6

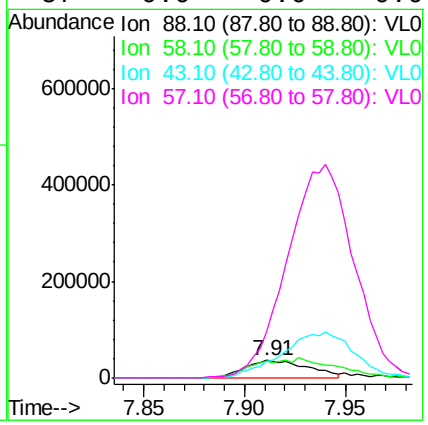


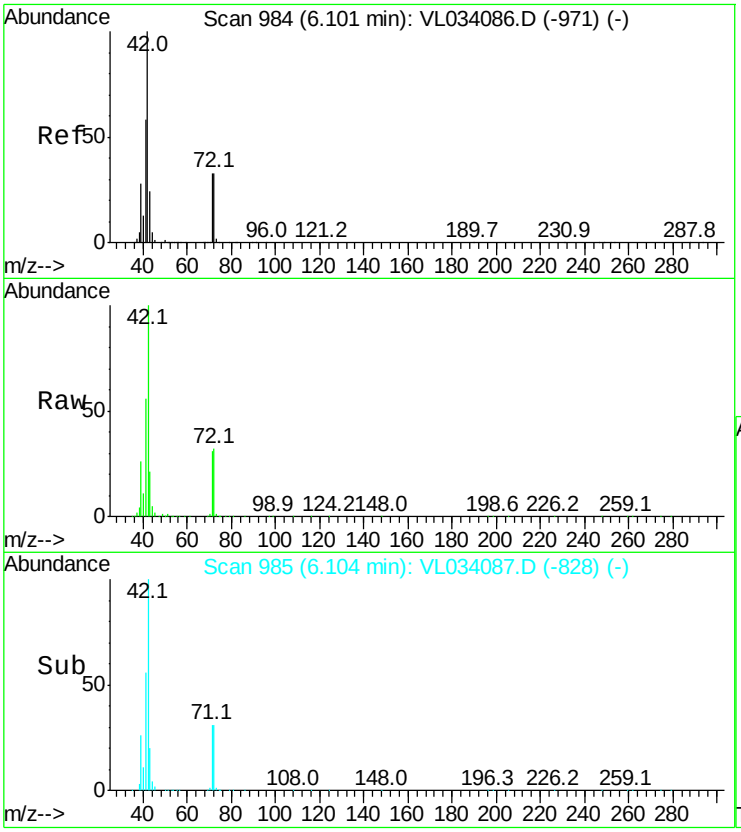


#40
1,4-Dioxane
Concen: 2.646 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. 0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 88 Resp: 79222

Ion	Ratio	Lower	Upper
88	100		
58	0.0	113.0	169.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



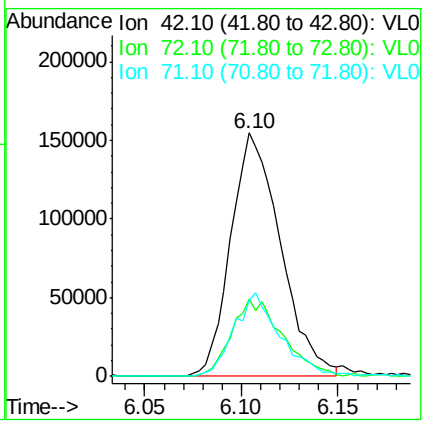


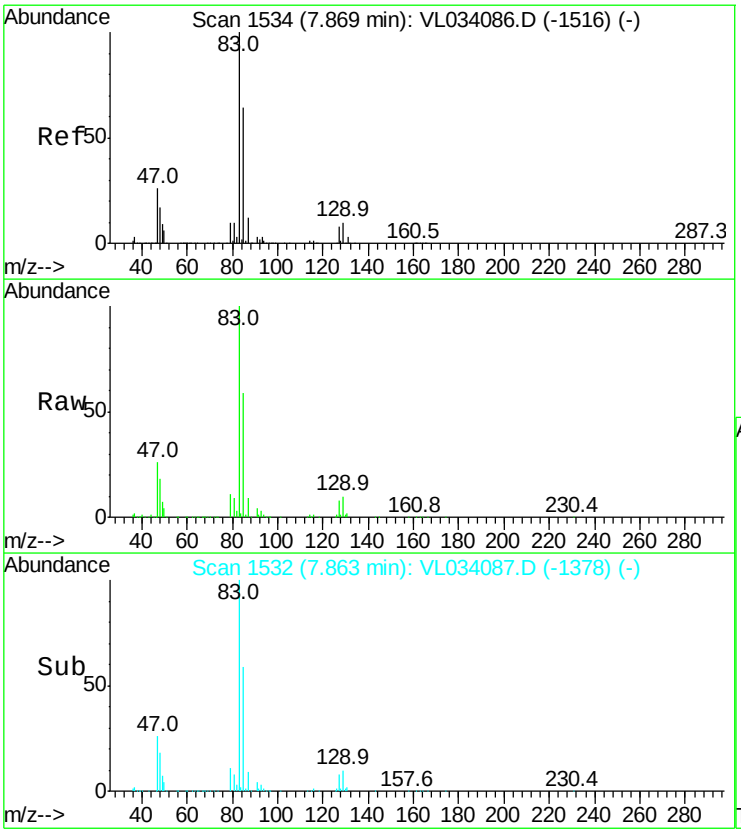
#41
Tetrahydrofuran
Concen: 3.970 ppbv
RT: 6.10 min Scan# 985
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 276183

Ion	Ratio	Lower	Upper
42	100		
72	33.4	26.9	40.3
71	32.2	26.5	39.7

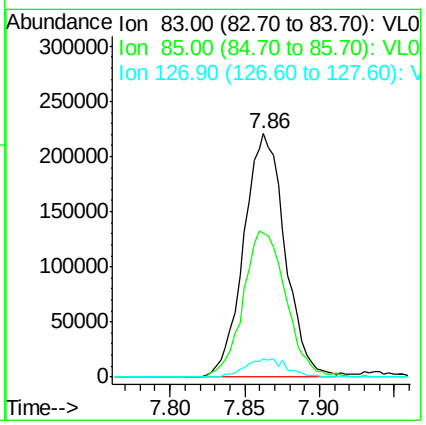


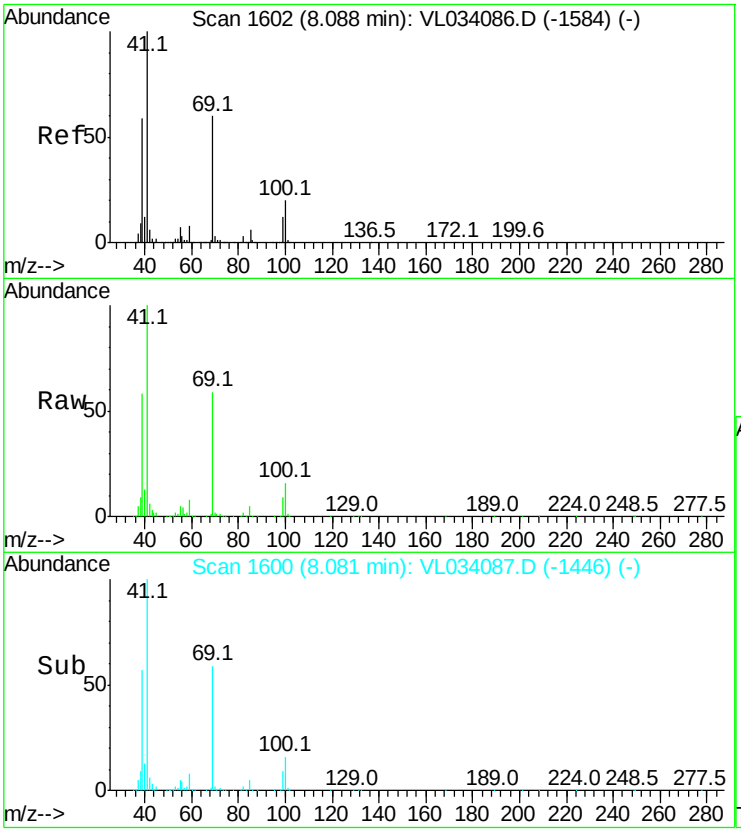


#42
Bromodichloromethane
Concen: 2.389 ppbv
RT: 7.86 min Scan# 1532
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 83 Resp: 424229

Ion	Ratio	Lower	Upper
83	100		
85	59.0	50.9	76.3
127	7.7	6.1	9.1



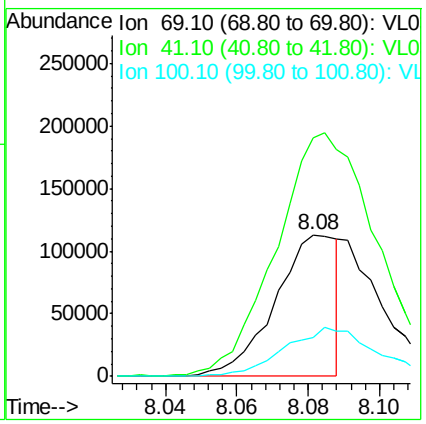


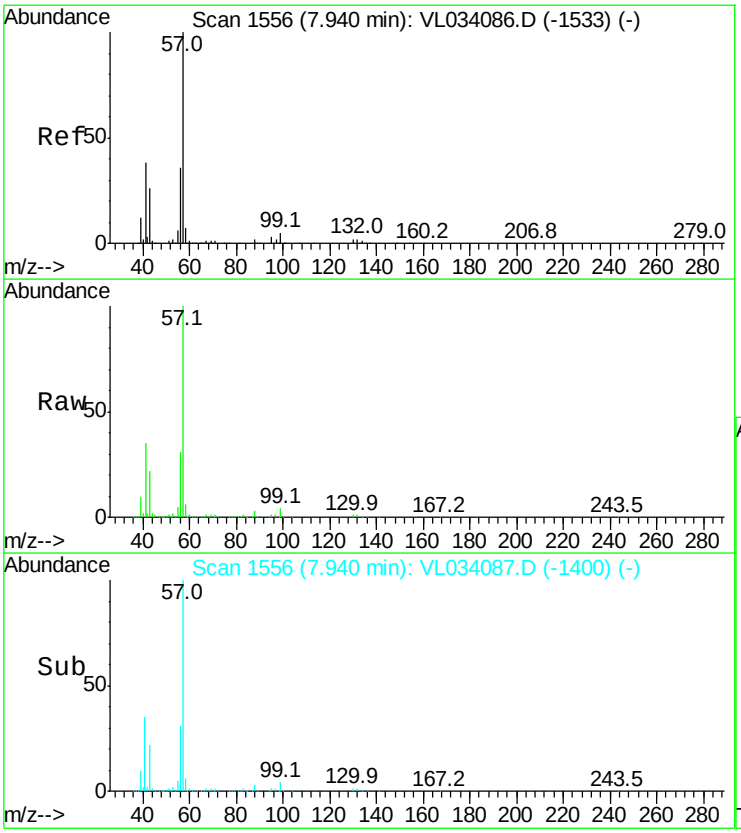
#43
Methyl Methacrylate
Concen: 1.824 ppbv
RT: 8.08 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 135865

Ion	Ratio	Lower	Upper
69	100		
41	282.6	132.9	199.3#
100	52.0	25.8	38.8#

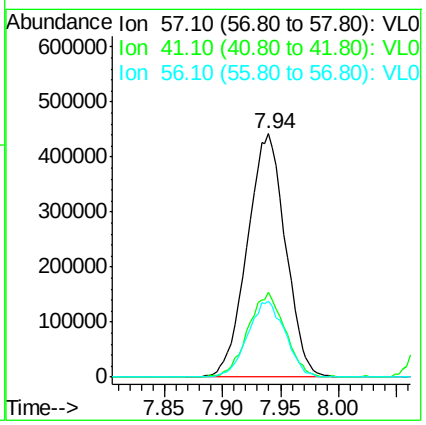


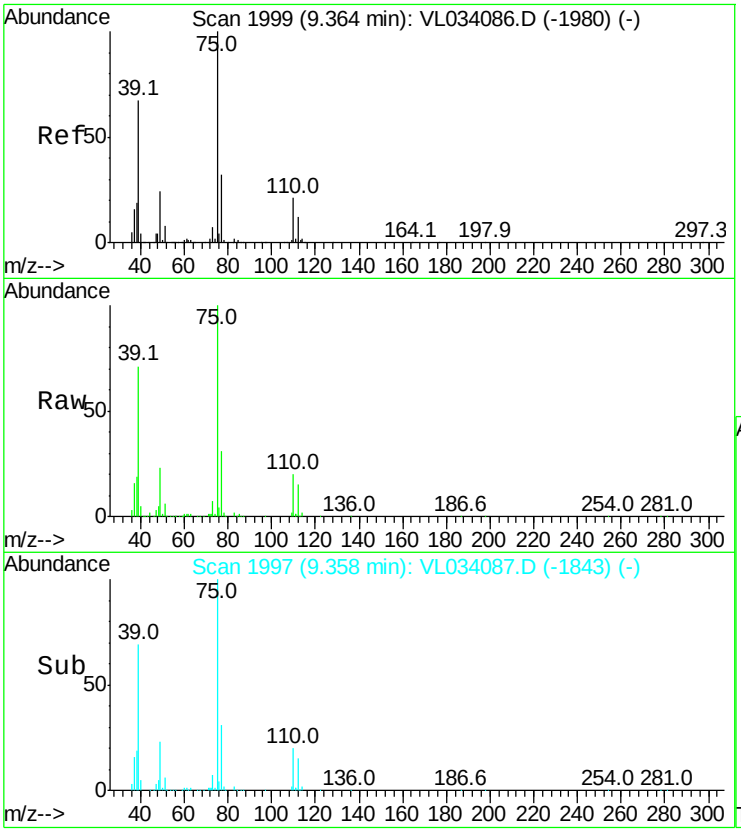


#44
2,2,4-Trimethylpentane
Concen: 3.141 ppbv
RT: 7.94 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 57 Resp: 1013036

Ion	Ratio	Lower	Upper
57	100		
41	33.9	29.2	43.8
56	30.9	26.7	40.1



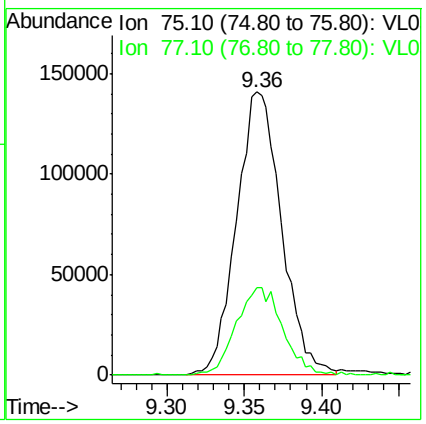


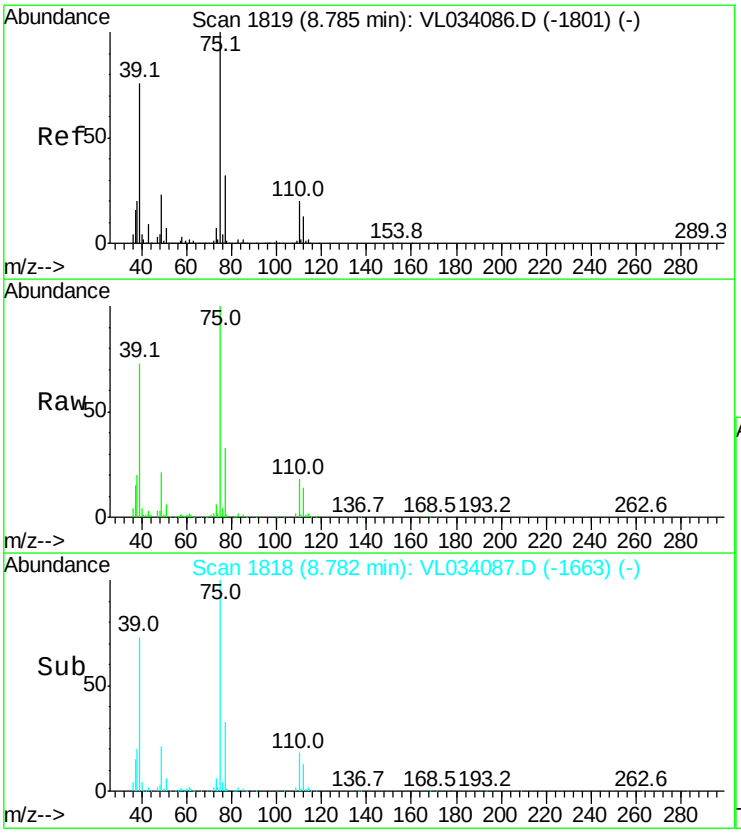
#45
t-1,3-Dichloropropene
Concen: 3.091 ppbv
RT: 9.36 min Scan# 1997
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 284594

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5

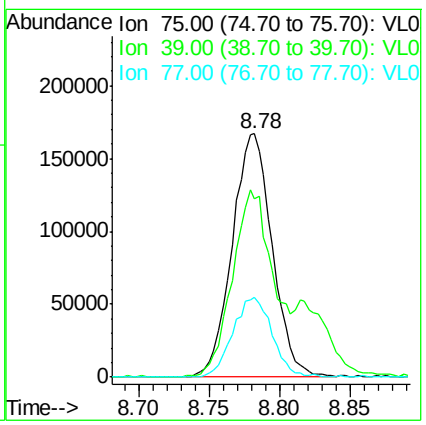


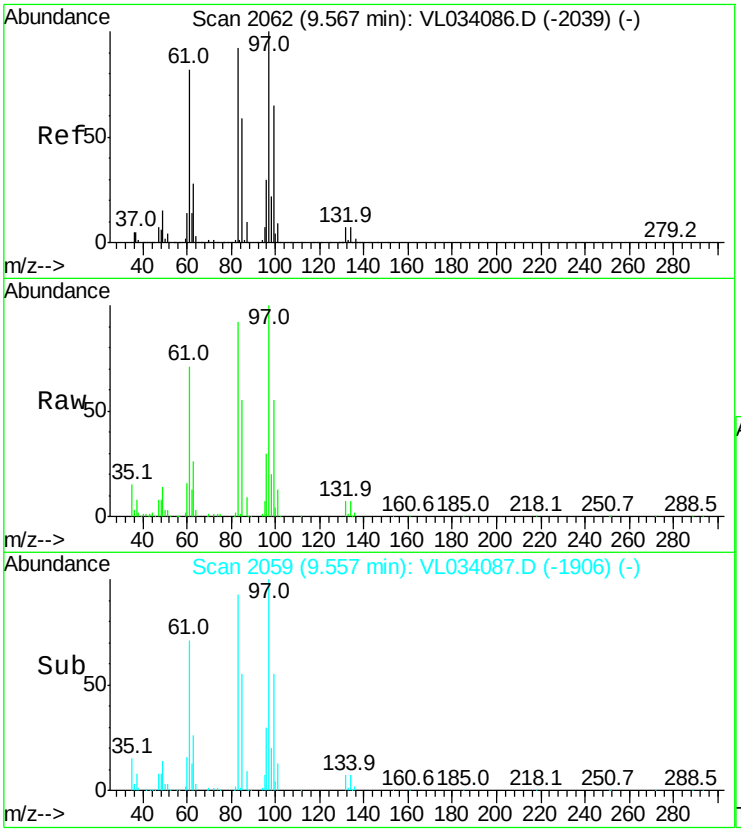


#46
cis-1,3-Dichloropropene
Concen: 3.080 ppbv
RT: 8.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 75 Resp: 329169

Ion	Ratio	Lower	Upper
75	100		
39	73.0	61.0	91.4
77	32.4	25.6	38.4



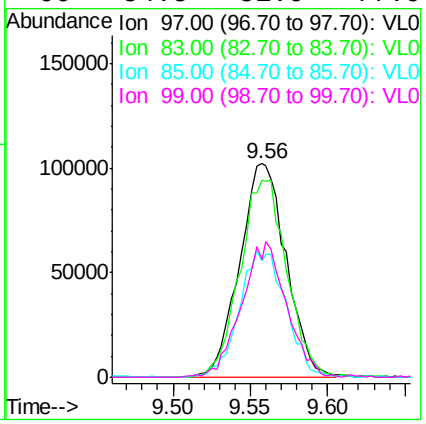


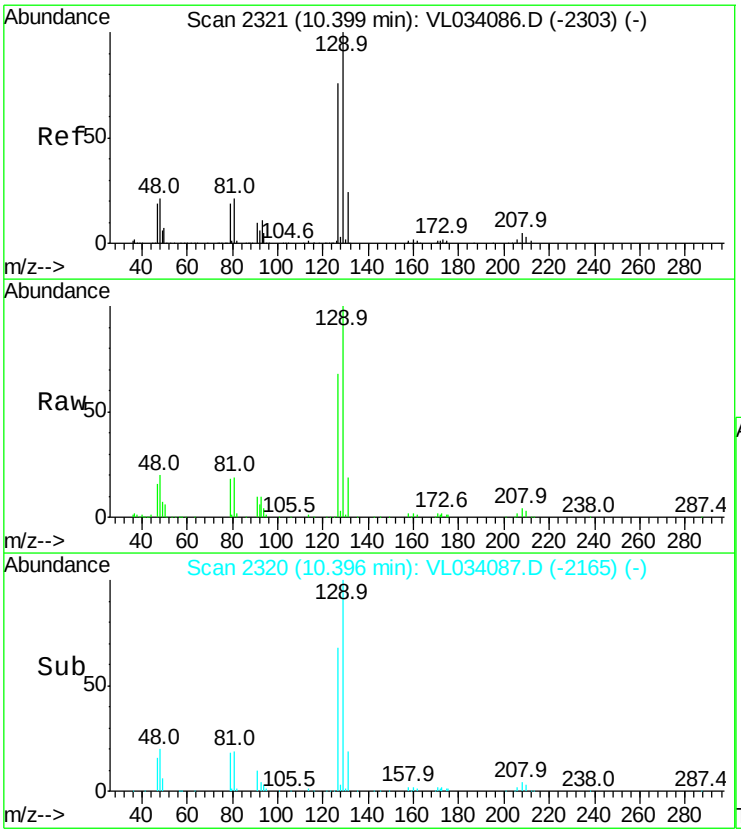
#47
1,1,2-Trichloroethane
Concen: 2.538 ppbv
RT: 9.56 min Scan# 2059
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 213471

Ion	Ratio	Lower	Upper
97	100		
83	92.2	74.0	111.0
85	54.4	47.1	70.7
99	54.5	51.9	77.9

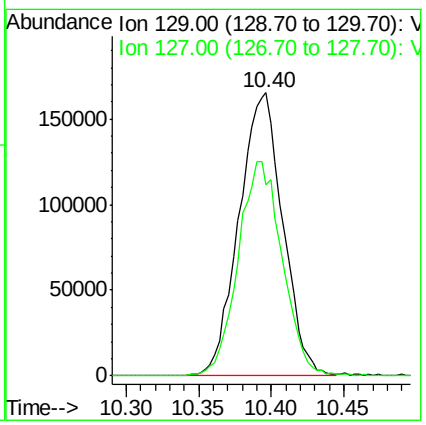


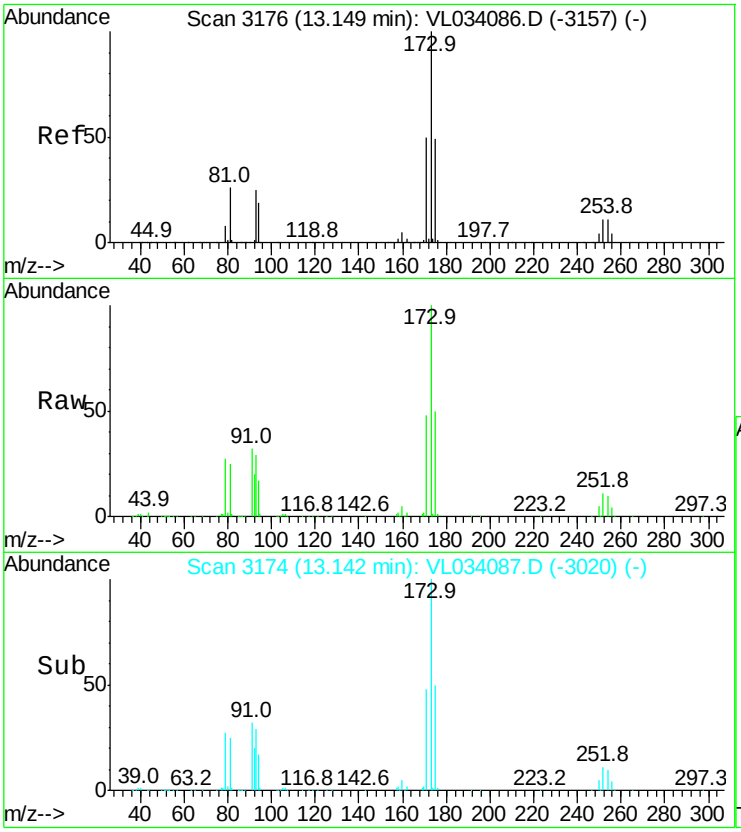


#48
Dibromochloromethane
Concen: 2.446 ppbv
RT: 10.40 min Scan# 2320
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:129 Resp: 348109

Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.4	118.2



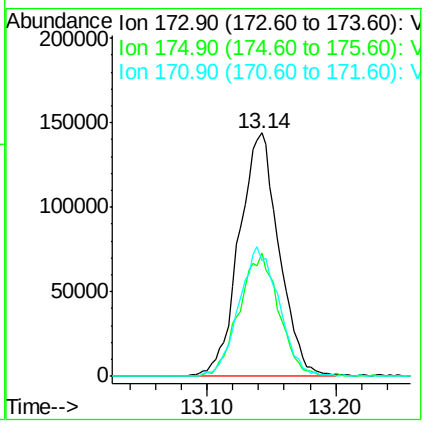


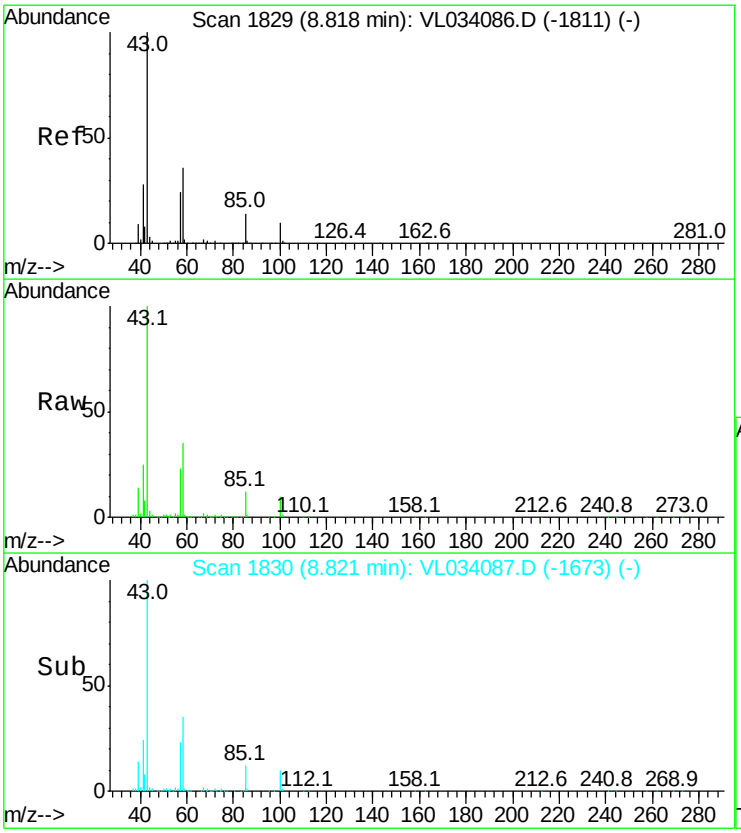
#49
Bromoform
Concen: 2.519 ppbv
RT: 13.14 min Scan# 3174
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 310638

Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.8	59.8
171	53.4	42.7	64.1

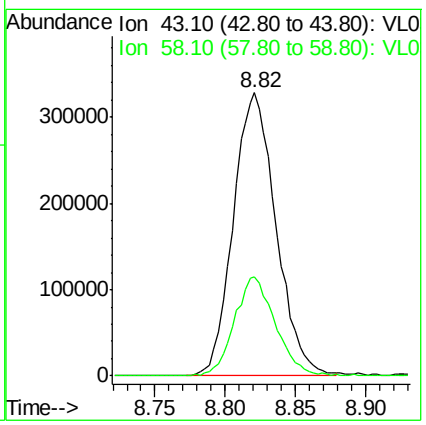


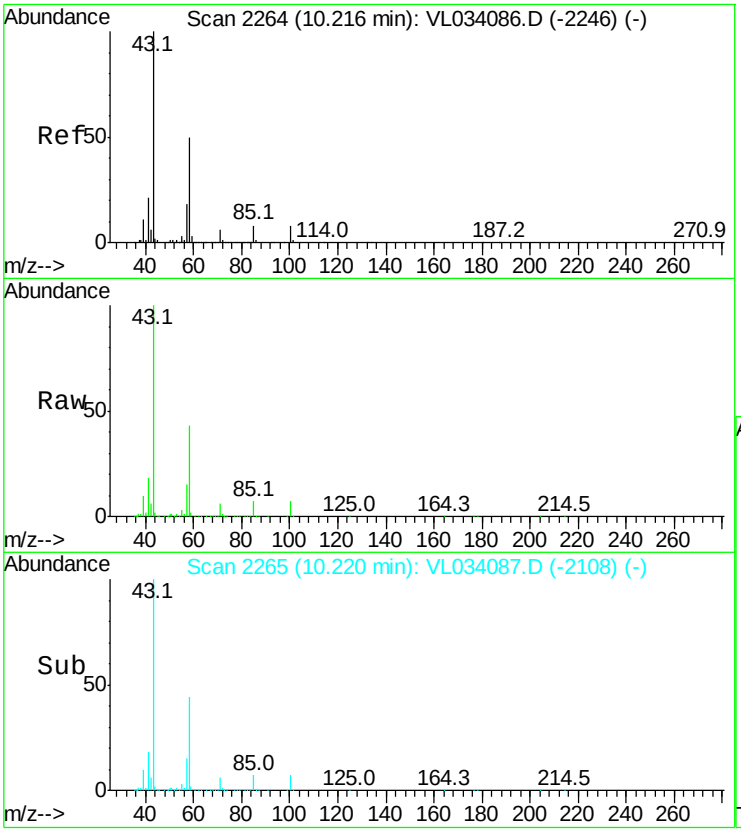


#50
4-Methyl-2-Pentanone
Concen: 3.603 ppbv
RT: 8.82 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 43 Resp: 694386

Ion	Ratio	Lower	Upper
43	100		
58	33.8	28.2	42.2



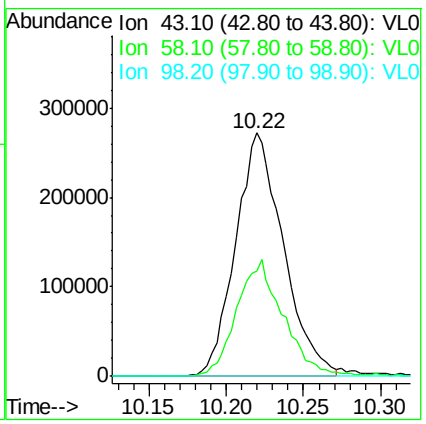


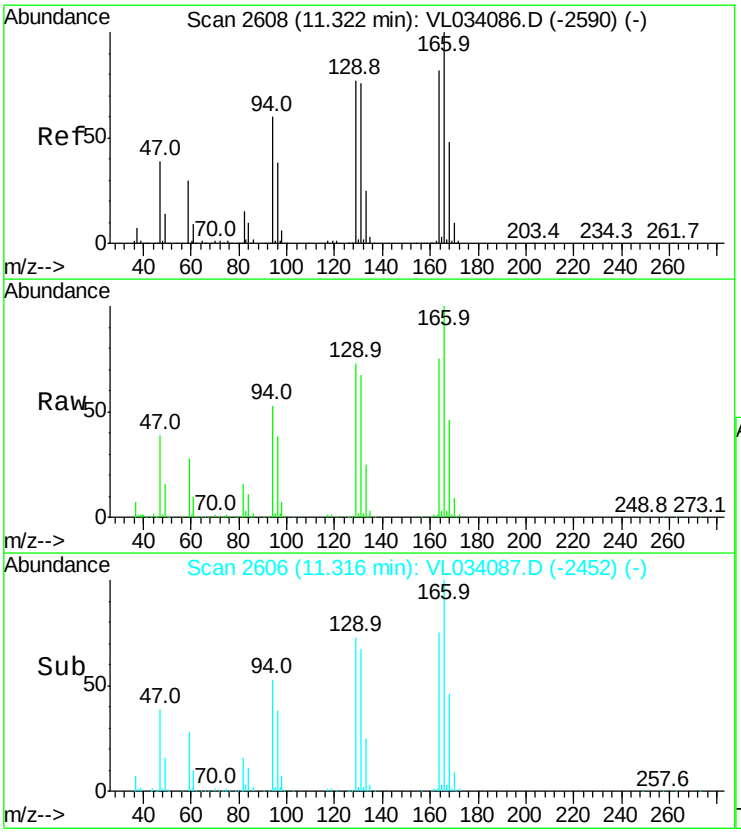
#51
2-Hexanone
Concen: 3.924 ppbv
RT: 10.22 min Scan# 2265
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 583063

Ion	Ratio	Lower	Upper
43	100		
58	47.2	38.5	57.7
98	0.1	0.0	0.0#

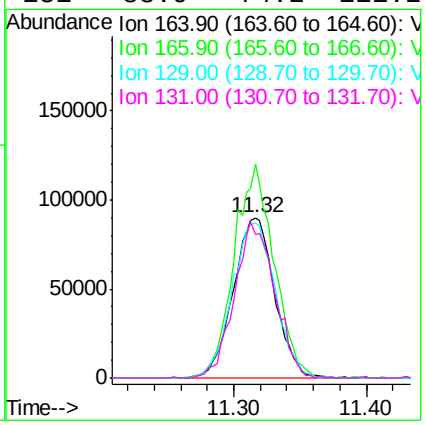


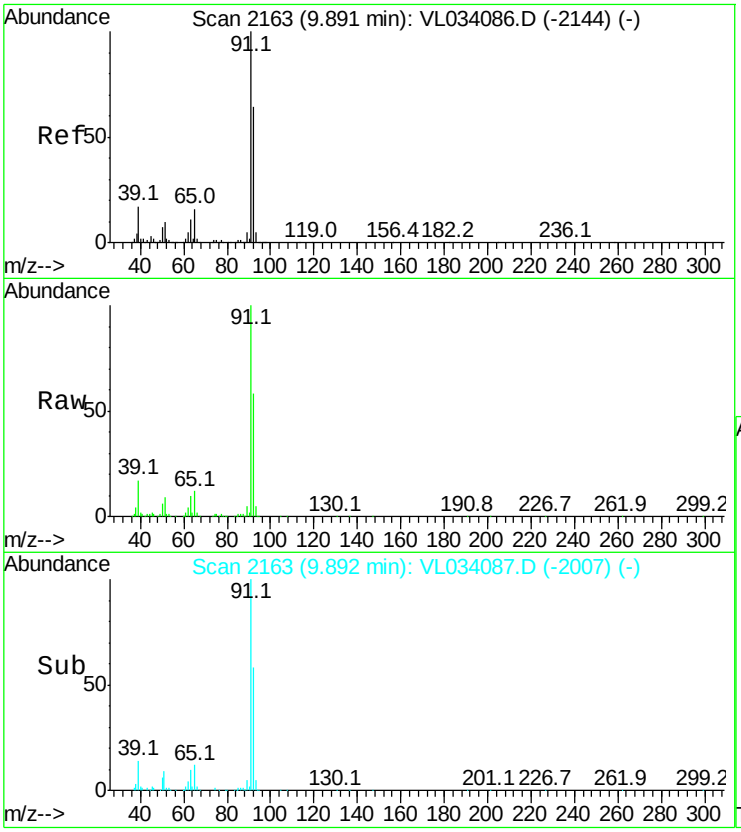


#52
Tetrachloroethene
Concen: 3.086 ppbv
RT: 11.32 min Scan# 2606
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:164 Resp: 194468

Ion	Ratio	Lower	Upper
164	100		
166	133.1	96.8	145.2
129	96.5	74.9	112.3
131	88.9	74.2	111.2



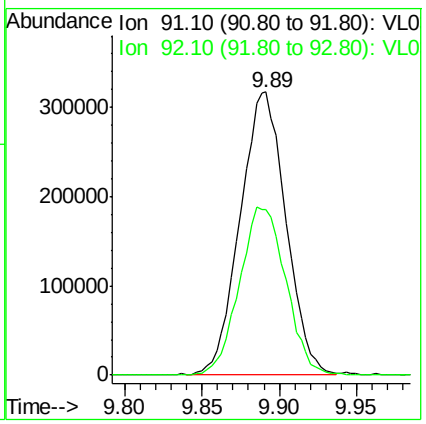


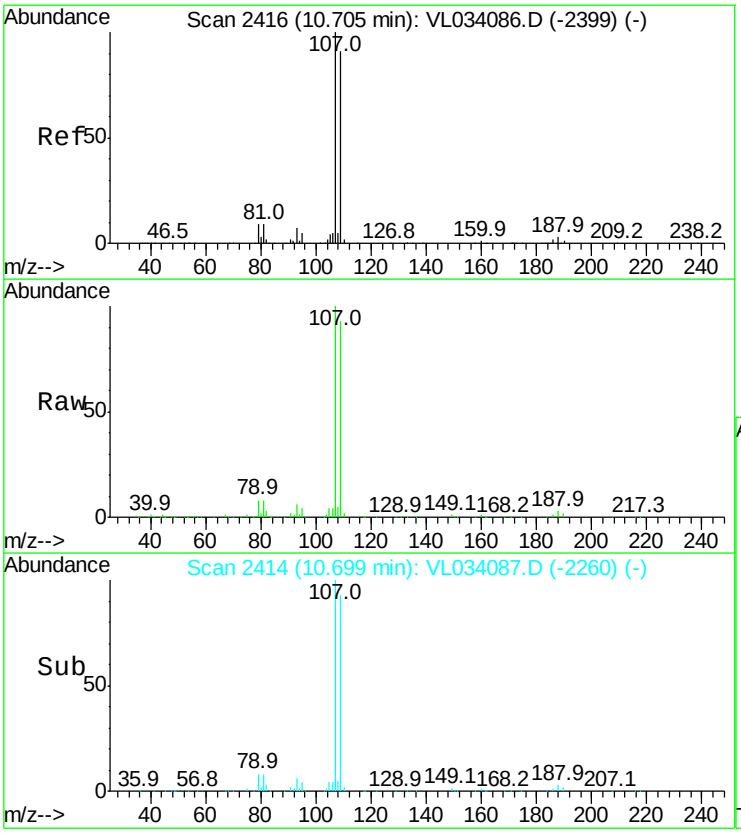
#53
Toluene
Concen: 3.039 ppbv
RT: 9.89 min Scan# 2163
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 652308

Ion	Ratio	Lower	Upper
91	100		
92	60.3	50.3	75.5

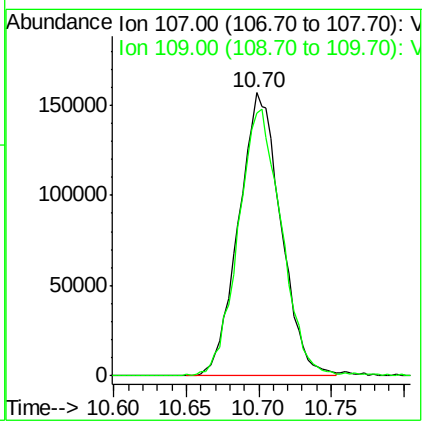


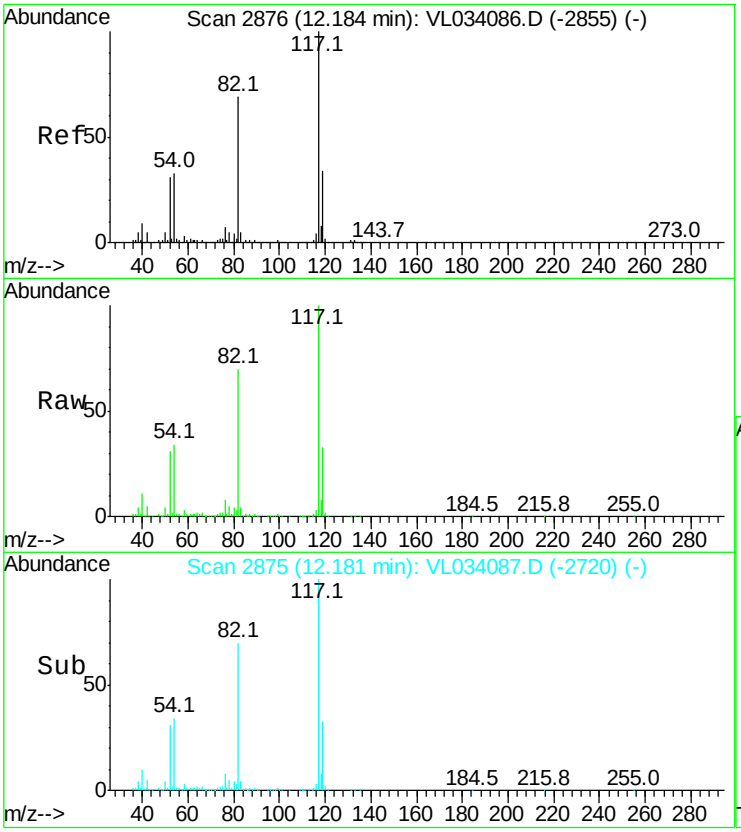


#54
1,2-Dibromoethane
Concen: 2.545 ppbv
RT: 10.70 min Scan# 2414
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:107 Resp: 317693

Ion	Ratio	Lower	Upper
107	100		
109	92.1	72.9	109.3



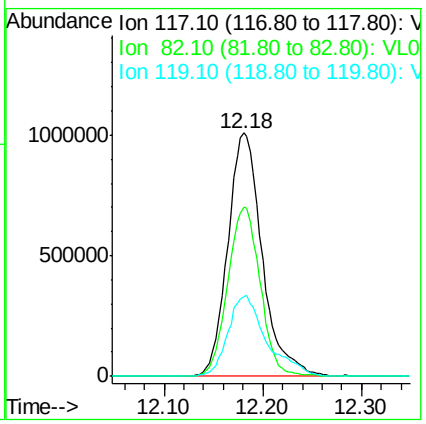


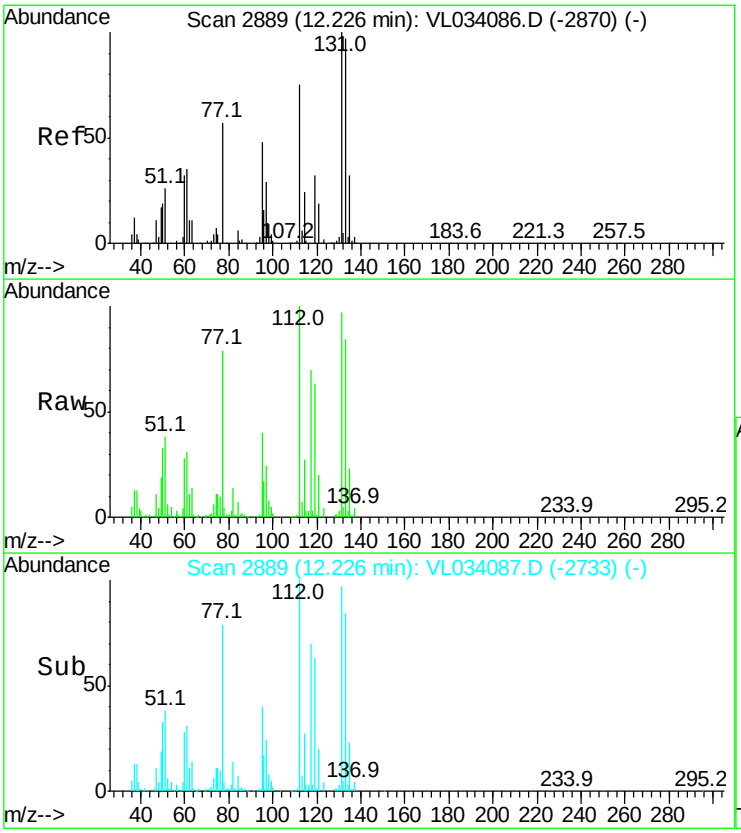
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2875
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2452413

Ion	Ratio	Lower	Upper
117	100		
82	65.5	52.2	78.4
119	37.3	44.8	67.2#

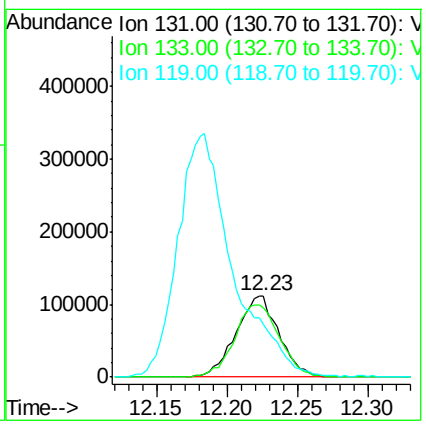


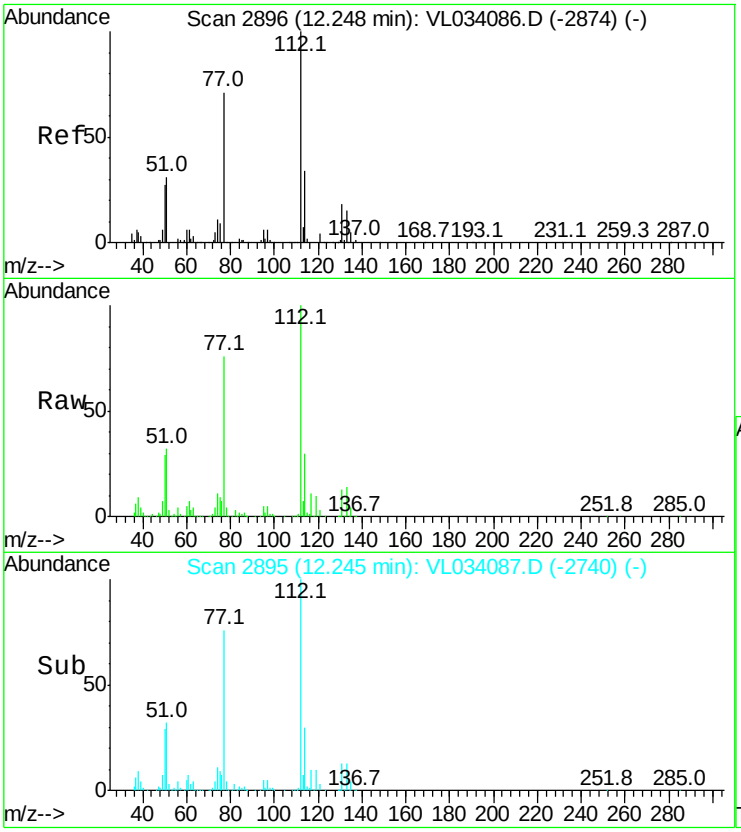


#56
1,1,1,2-Tetrachloroethane
Concen: 2.199 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:131 Resp: 237745

Ion	Ratio	Lower	Upper
131	100		
133	93.9	76.5	114.7
119	383.8	114.7	172.1#



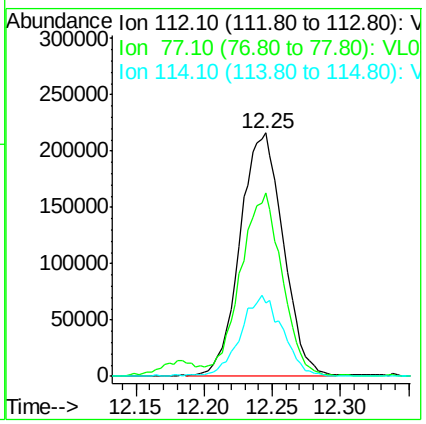


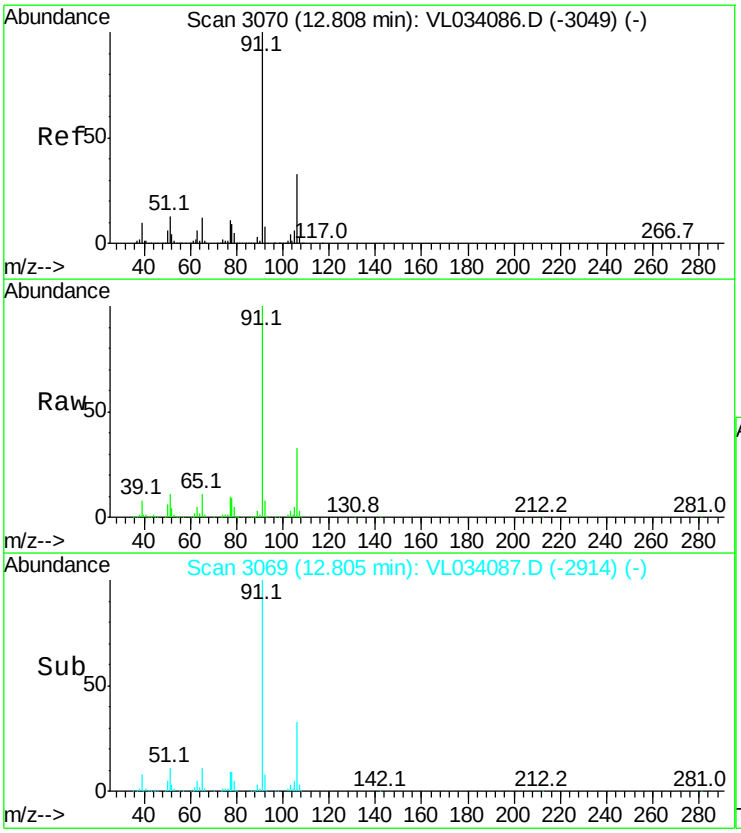
#57
Chlorobenzene
Concen: 2.351 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 470917

Ion	Ratio	Lower	Upper
112	100		
77	75.4	57.8	86.6
114	30.2	30.3	37.1#

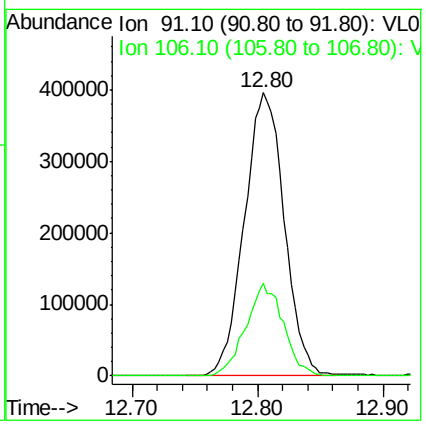


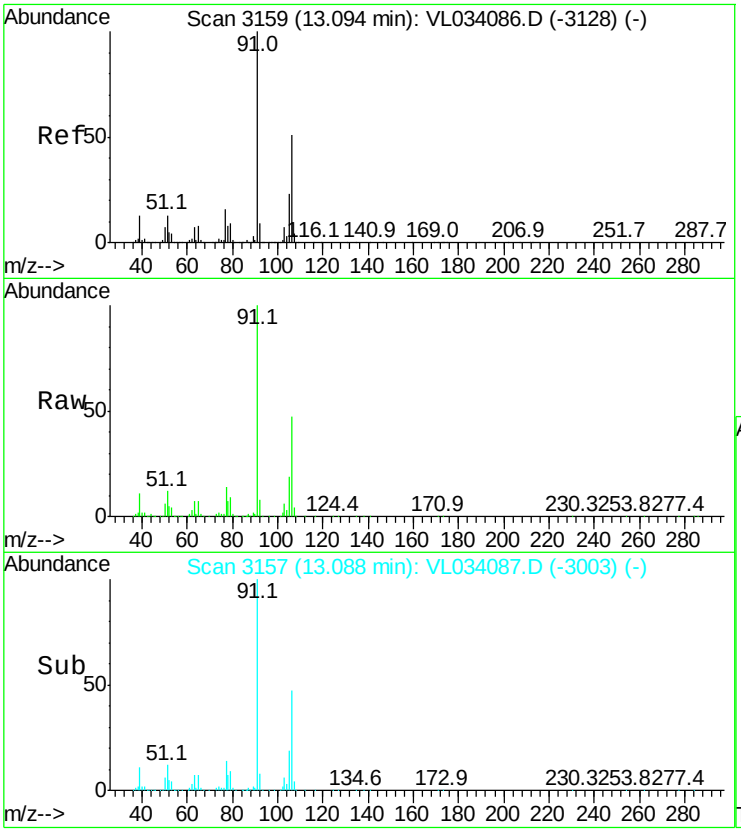


#58
Ethyl Benzene
Concen: 2.707 ppbv
RT: 12.80 min Scan# 3069
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 91 Resp: 876357

Ion	Ratio	Lower	Upper
91	100		
106	32.7	26.0	39.0



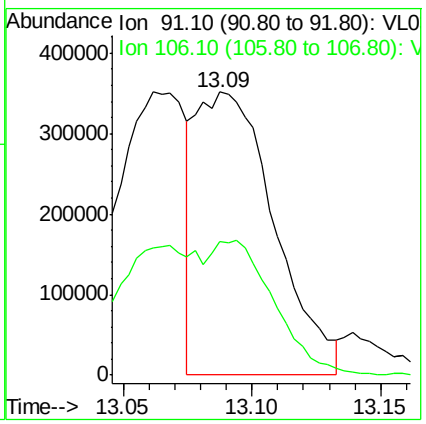


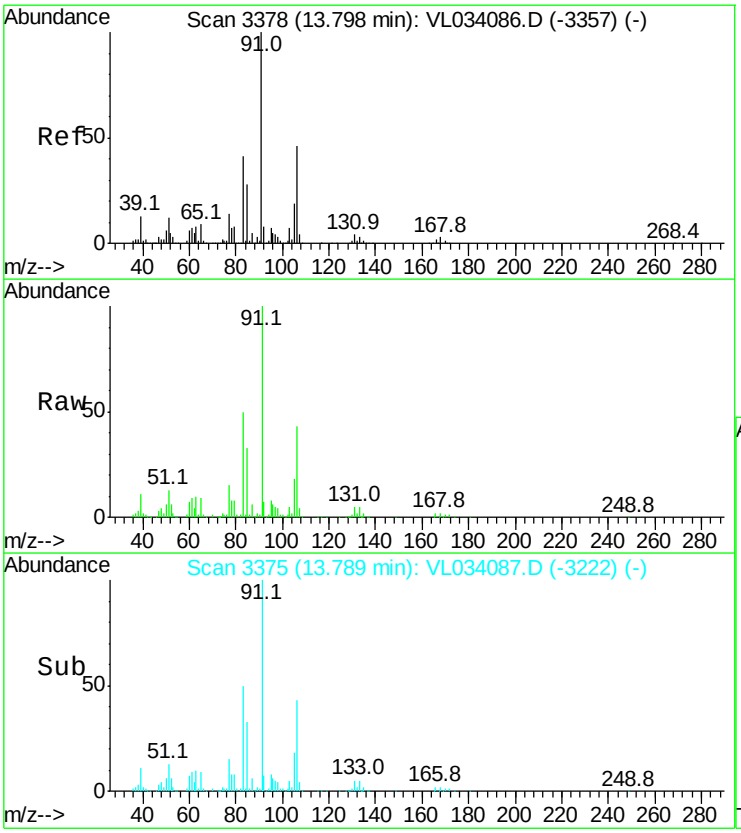
#59
m/p-Xylene
Concen: 2.554 ppbv
RT: 13.09 min Scan# 3157
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 738804

Ion	Ratio	Lower	Upper
91	100		
106	88.8	38.7	58.1#

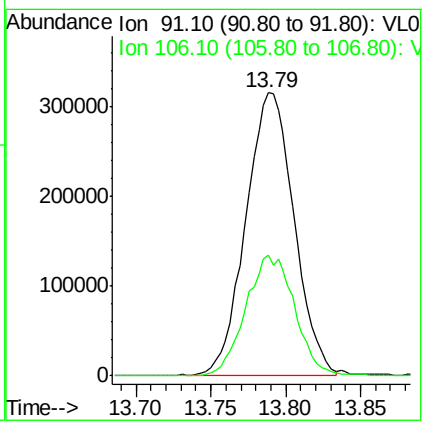


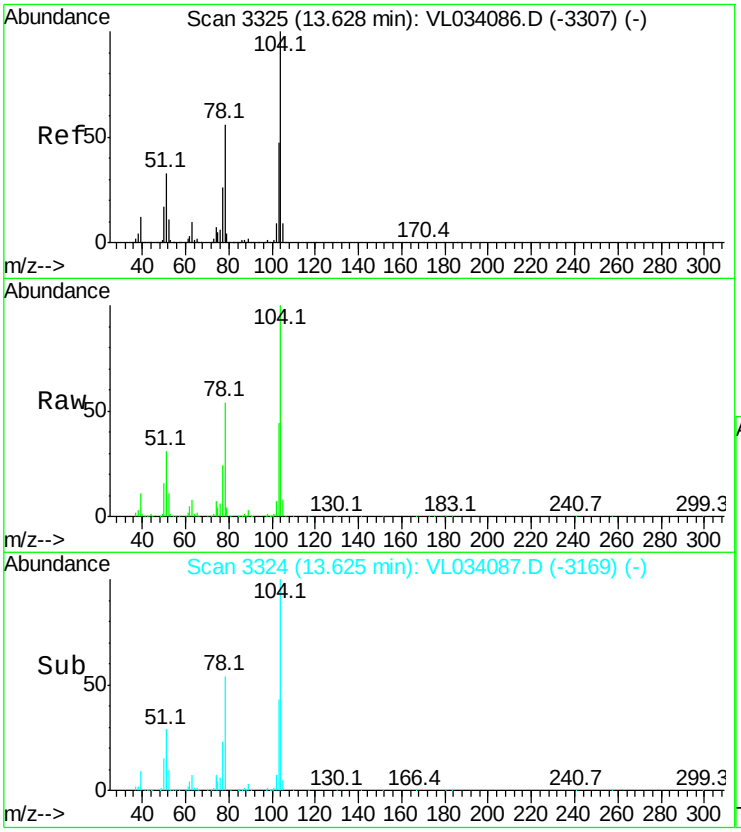


#60
o-Xylene
Concen: 2.438 ppbv
RT: 13.79 min Scan# 3375
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 91 Resp: 708426

Ion	Ratio	Lower	Upper
91	100		
106	43.6	22.6	67.7



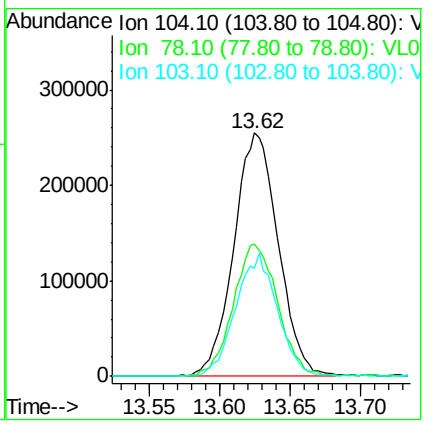


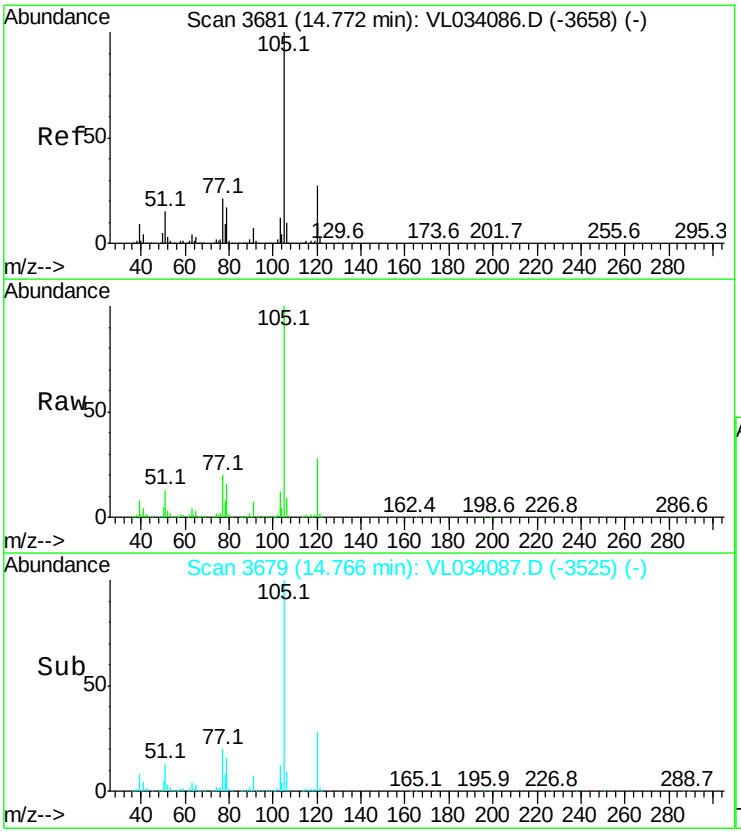
#61
Styrene
Concen: 2.940 ppbv
RT: 13.62 min Scan# 3324
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 559156

Ion	Ratio	Lower	Upper
104	100		
78	54.7	44.2	66.4
103	47.6	38.3	57.5

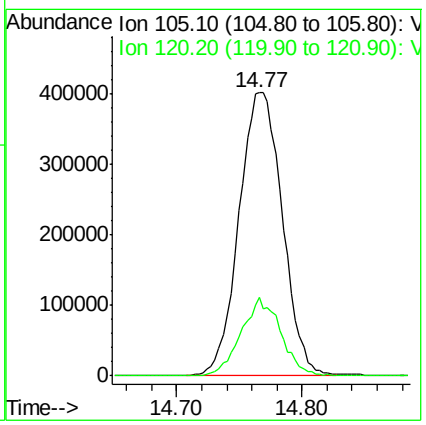


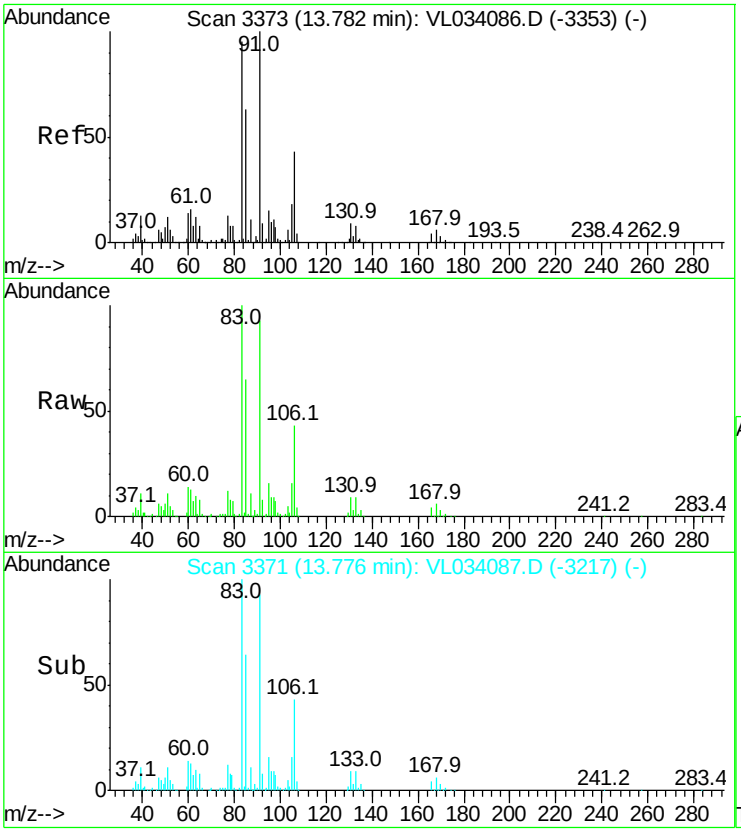


#62
Isopropylbenzene
Concen: 2.528 ppbv
RT: 14.77 min Scan# 3679
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:105 Resp: 964403

Ion	Ratio	Lower	Upper
105	100		
120	25.1	21.4	32.2



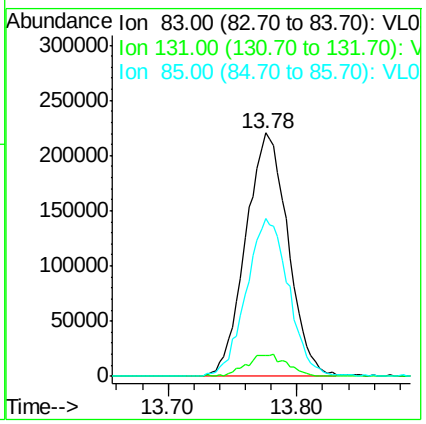


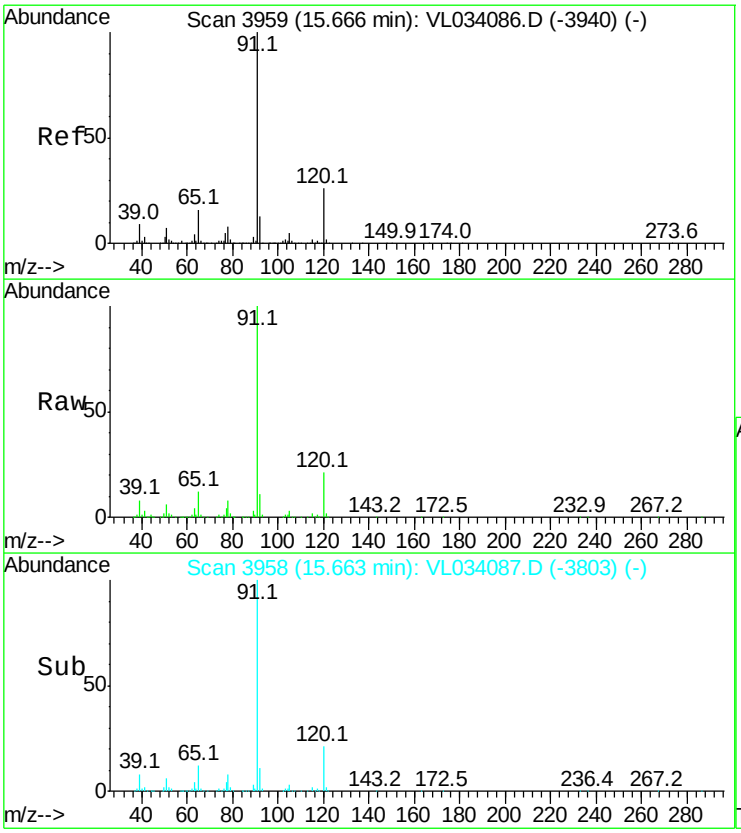
#63
1,1,2,2-Tetrachloroethane
Concen: 2.202 ppbv
RT: 13.78 min Scan# 3371
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 503704

Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.6	13.8
85	65.2	32.6	97.8

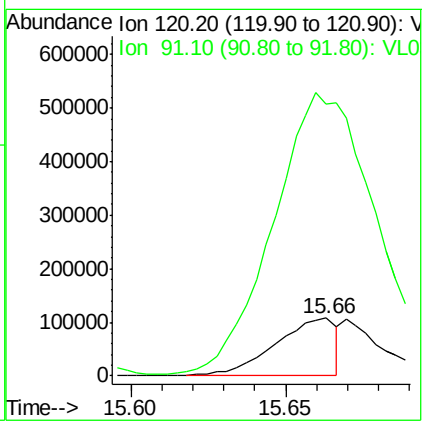


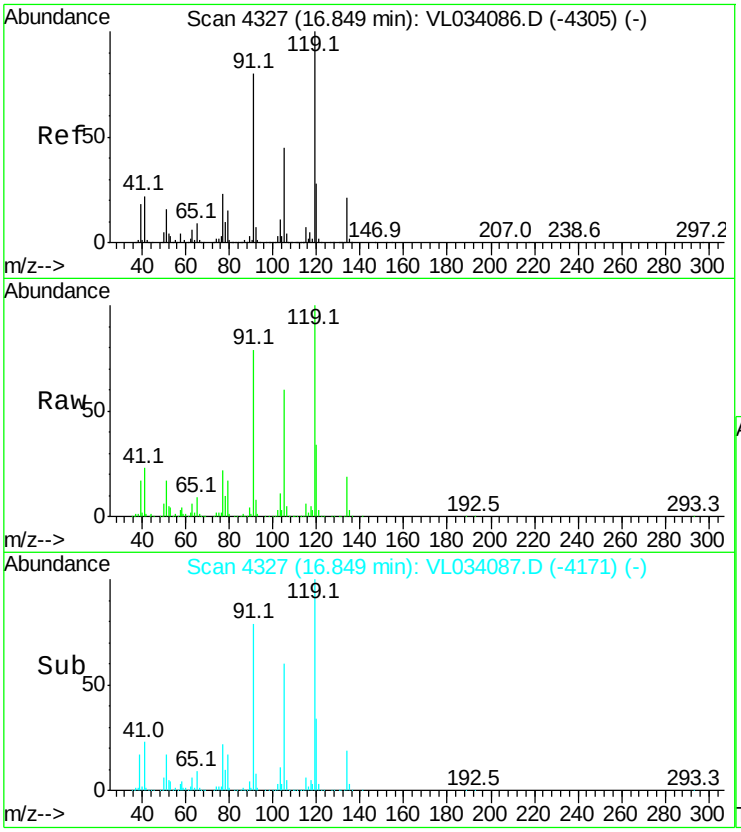


#64
n-propylbenzene
Concen: 1.530 ppbv
RT: 15.66 min Scan# 3958
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:120 Resp: 147589

Ion	Ratio	Lower	Upper
120	100		
91	832.3	359.7	539.5#



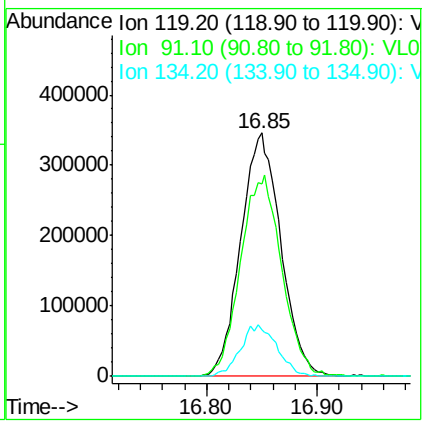


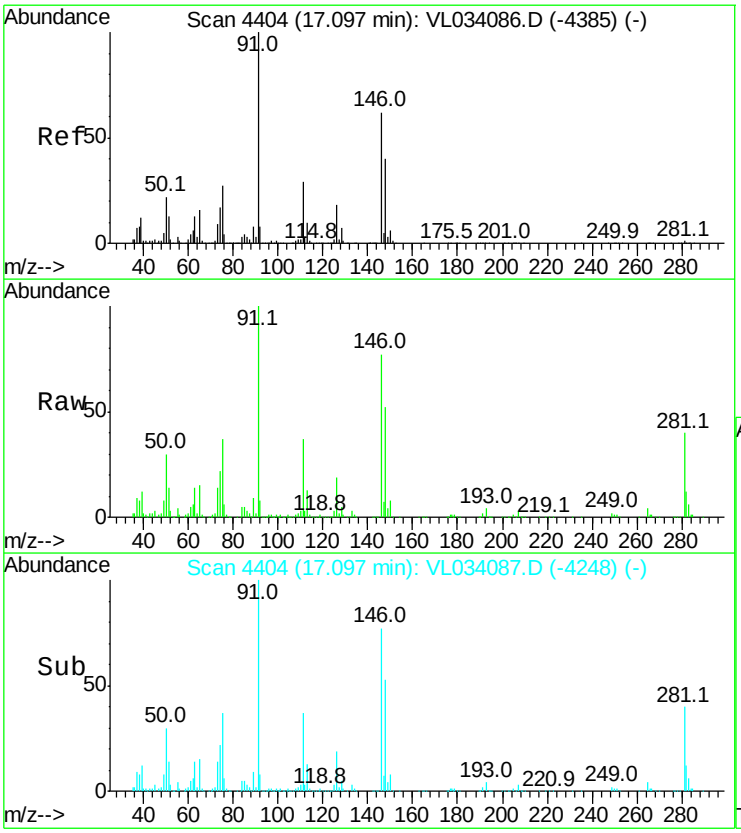
#65
tert-Butylbenzene
Concen: 2.545 ppbv
RT: 16.85 min Scan# 4327
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 871554

Ion	Ratio	Lower	Upper
119	100		
91	85.1	67.6	101.4
134	19.3	16.0	24.0

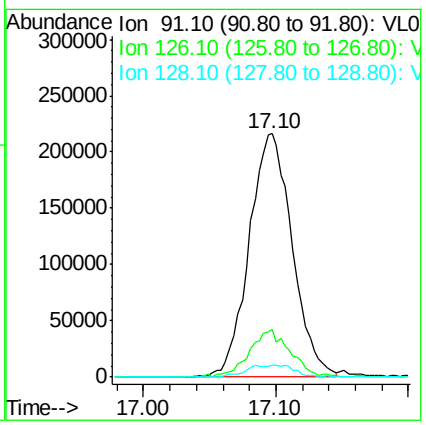


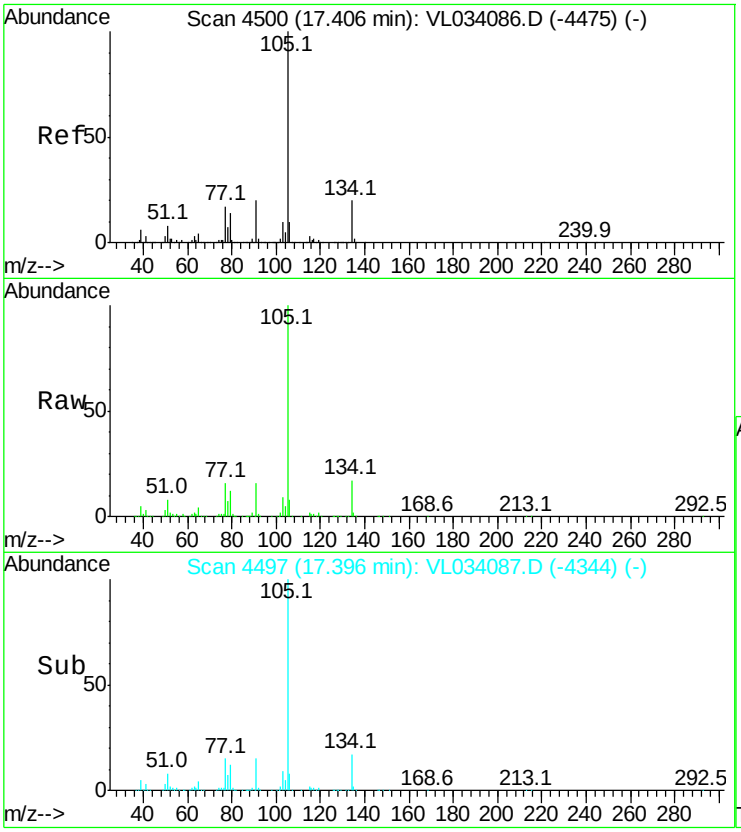


#66
Benzyl Chloride
Concen: 2.921 ppbv
RT: 17.10 min Scan# 4404
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 91 Resp: 489174

Ion	Ratio	Lower	Upper
91	100		
126	18.9	14.8	22.2
128	5.5	4.8	7.2



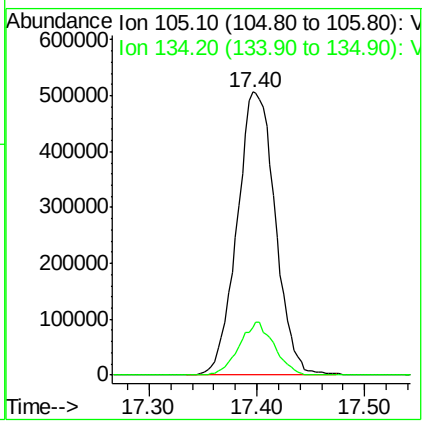


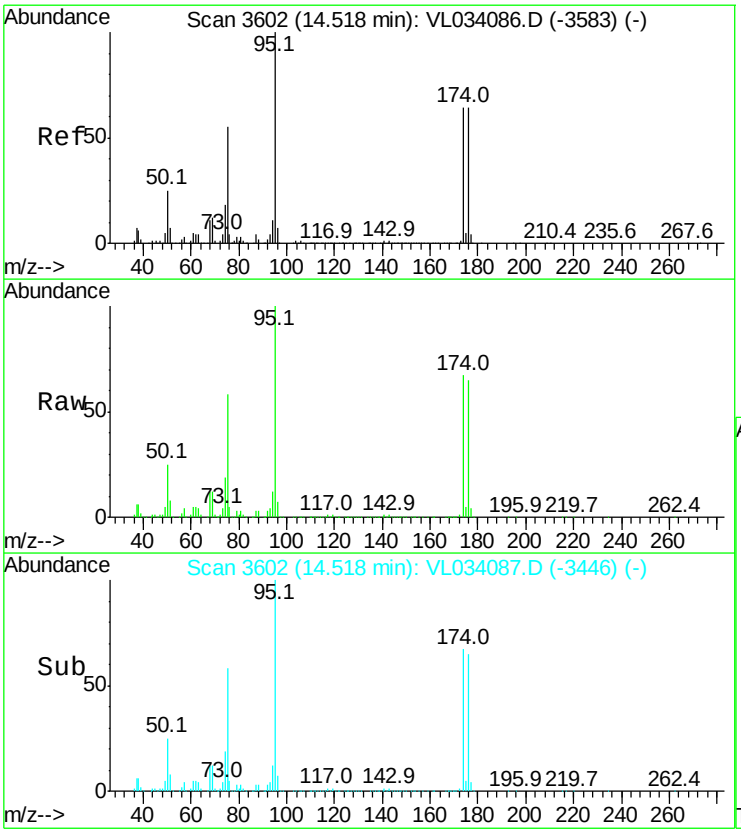
#67
sec-Butylbenzene
Concen: 2.539 ppbv
RT: 17.40 min Scan# 4497
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1245843

Ion	Ratio	Lower	Upper
105	100		
134	17.1	15.4	23.2

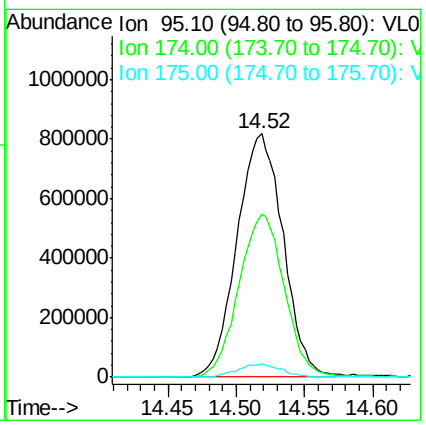


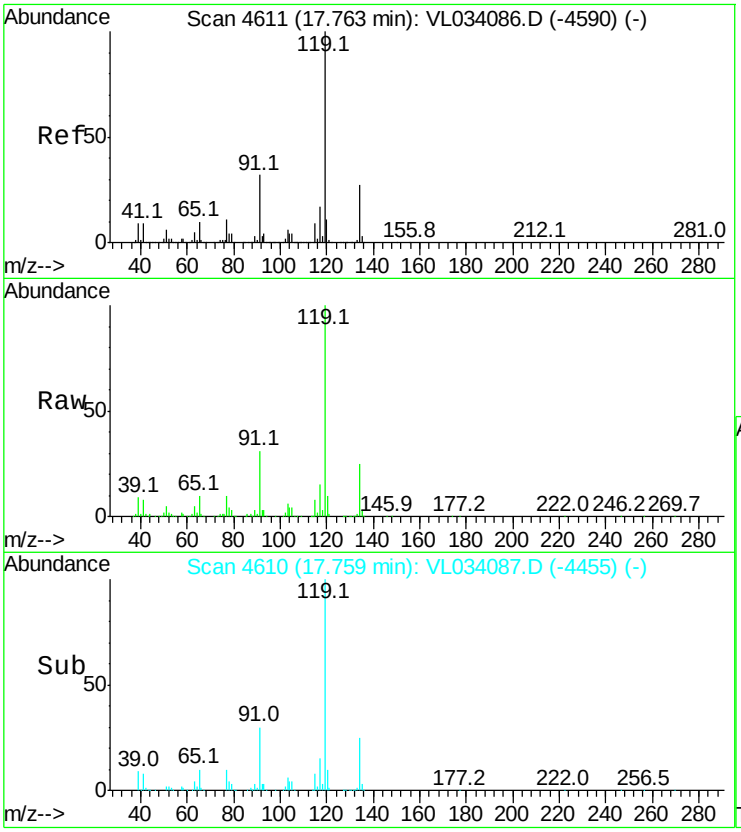


#68
1-Bromo-4-Fluorobenzene
Concen: 8.812 ppbv
RT: 14.52 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 95 Resp: 1909440

Ion	Ratio	Lower	Upper
95	100		
174	67.1	53.0	79.6
175	5.2	4.2	6.2



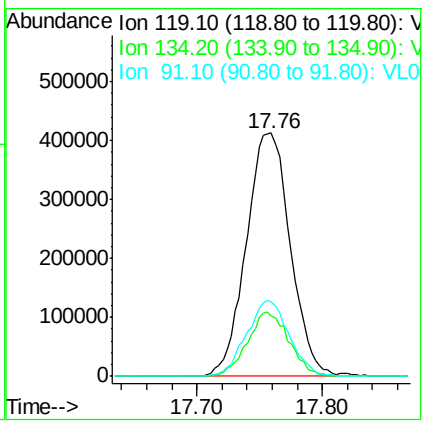


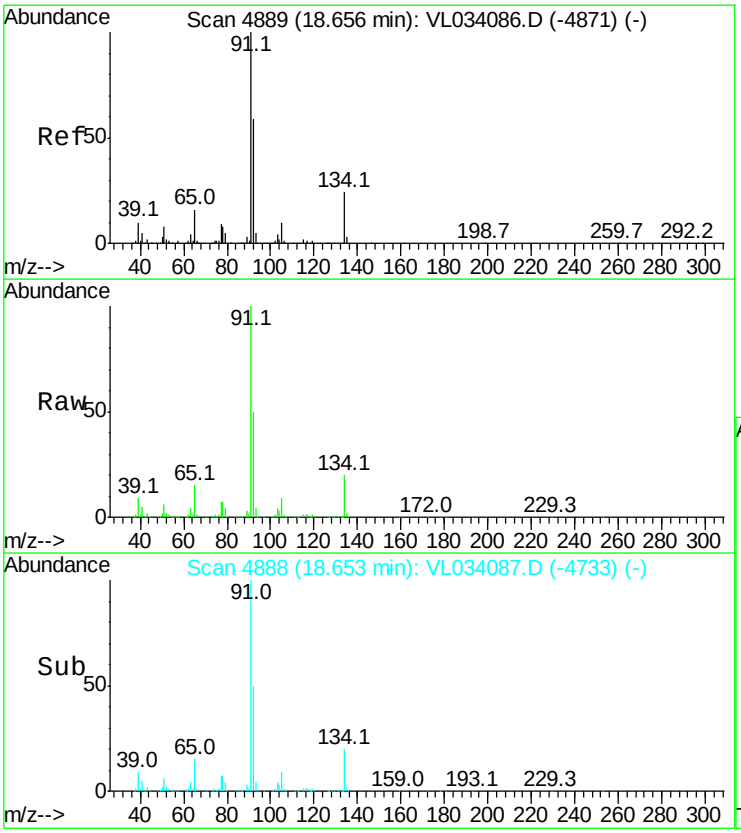
#69
p-Isopropyltoluene
Concen: 2.522 ppbv
RT: 17.76 min Scan# 4610
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1007907

Ion	Ratio	Lower	Upper
119	100		
134	25.1	21.3	31.9
91	30.7	25.4	38.0

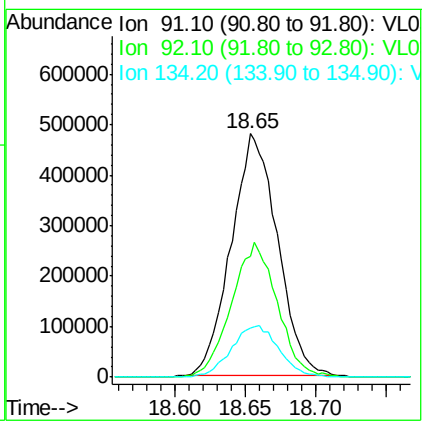


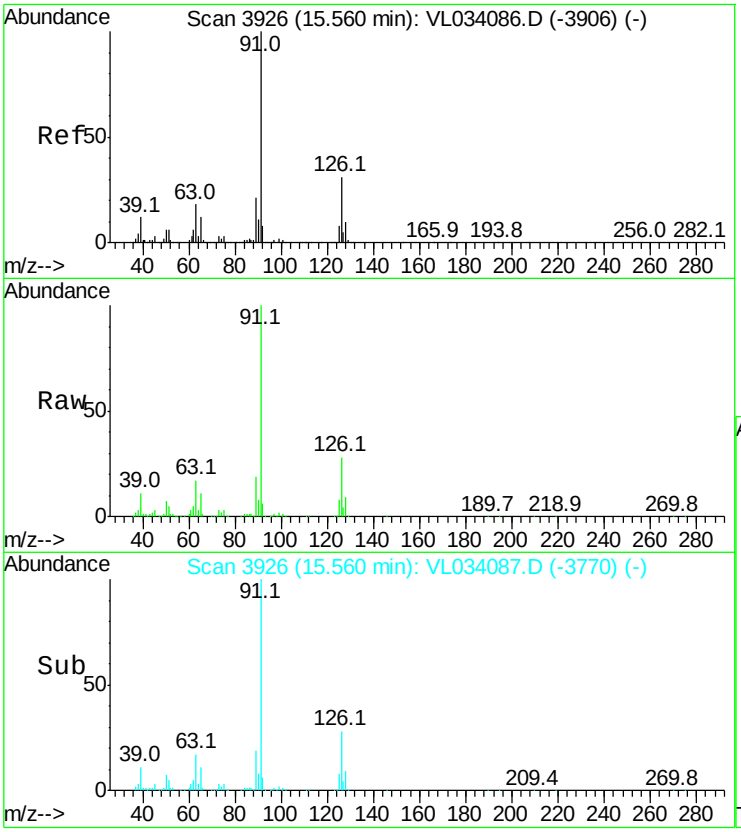


#70
n-Butylbenzene
Concen: 2.518 ppbv
RT: 18.65 min Scan# 4888
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion: 91 Resp: 1097727

Ion	Ratio	Lower	Upper
91	100		
92	55.4	45.9	68.9
134	22.0	19.0	28.4



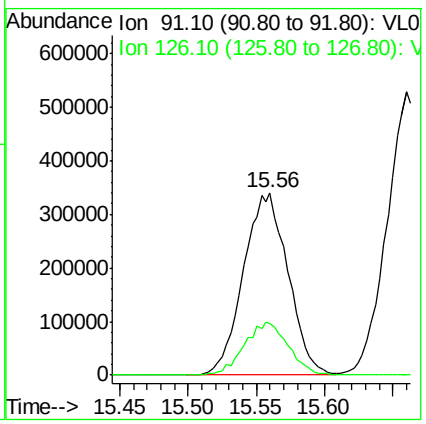


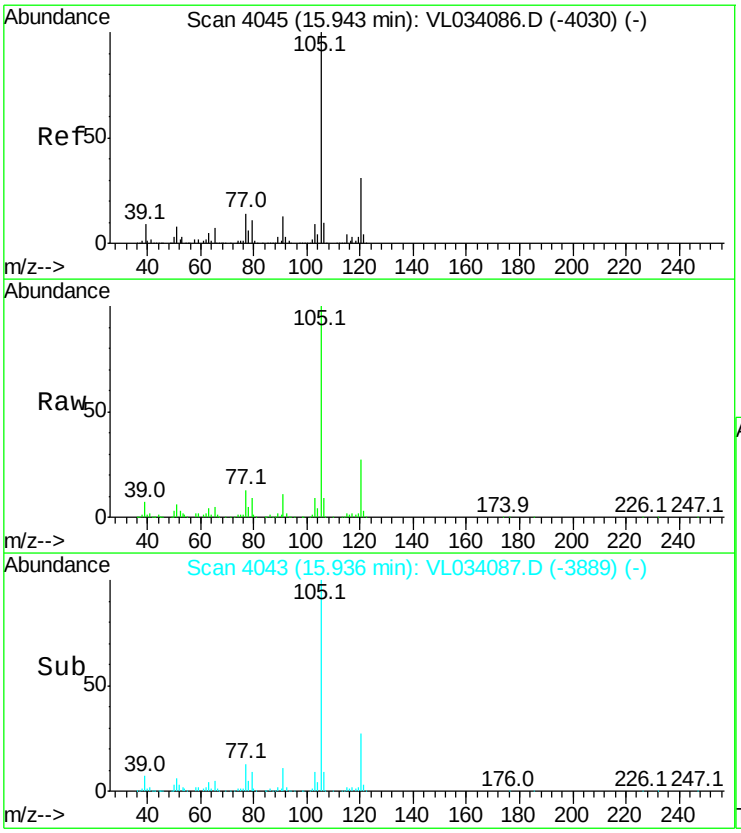
#71
2-Chlorotoluene
Concen: 2.727 ppbv
RT: 15.56 min Scan# 3926
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 770053

Ion	Ratio	Lower	Upper
91	100		
126	28.7	12.2	48.6

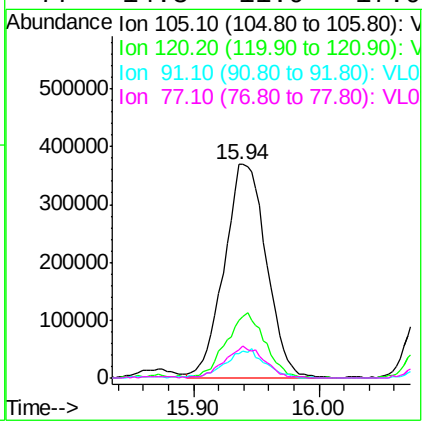


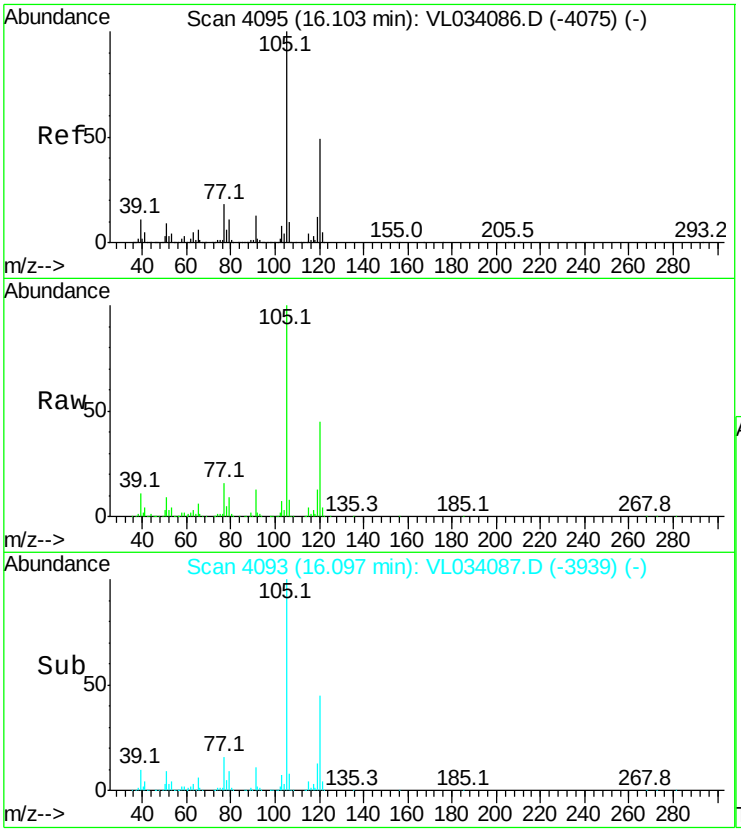


#72
4-Ethyltoluene
Concen: 2.634 ppbv
RT: 15.94 min Scan# 4043
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:105 Resp: 857943

Ion	Ratio	Lower	Upper
105	100		
120	28.6	24.2	36.2
91	12.5	10.5	15.7
77	14.3	11.9	17.9



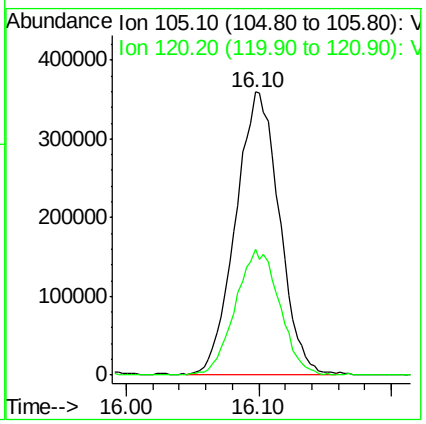


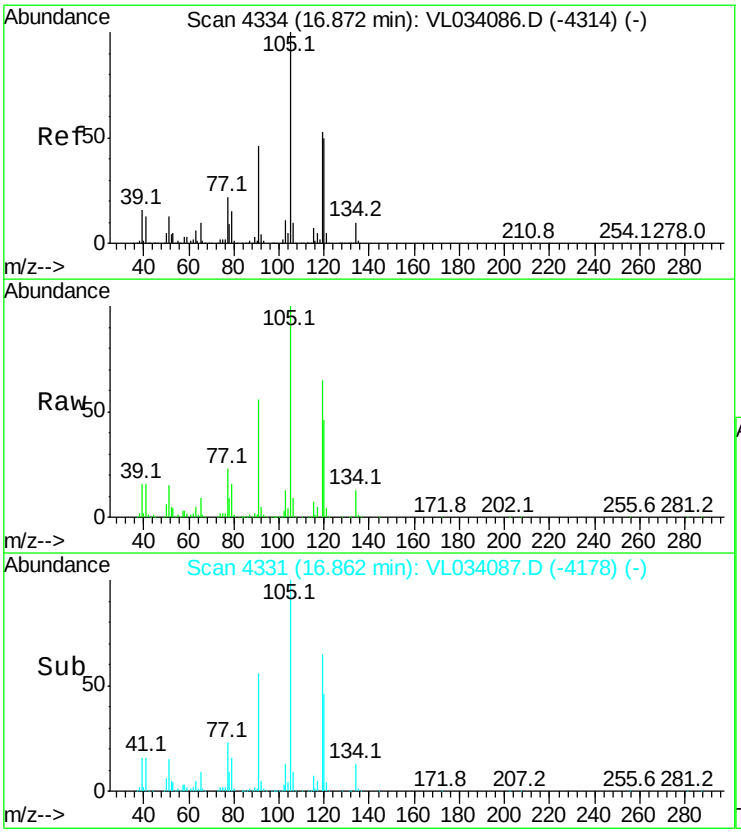
#73
1,3,5-Trimethylbenzene
Concen: 2.563 ppbv
RT: 16.10 min Scan# 4093
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 821975

Ion	Ratio	Lower	Upper
105	100		
120	44.6	39.0	58.4

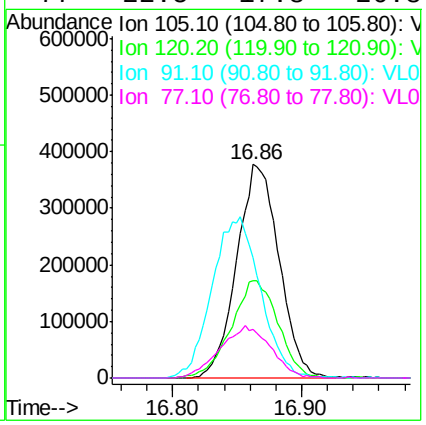


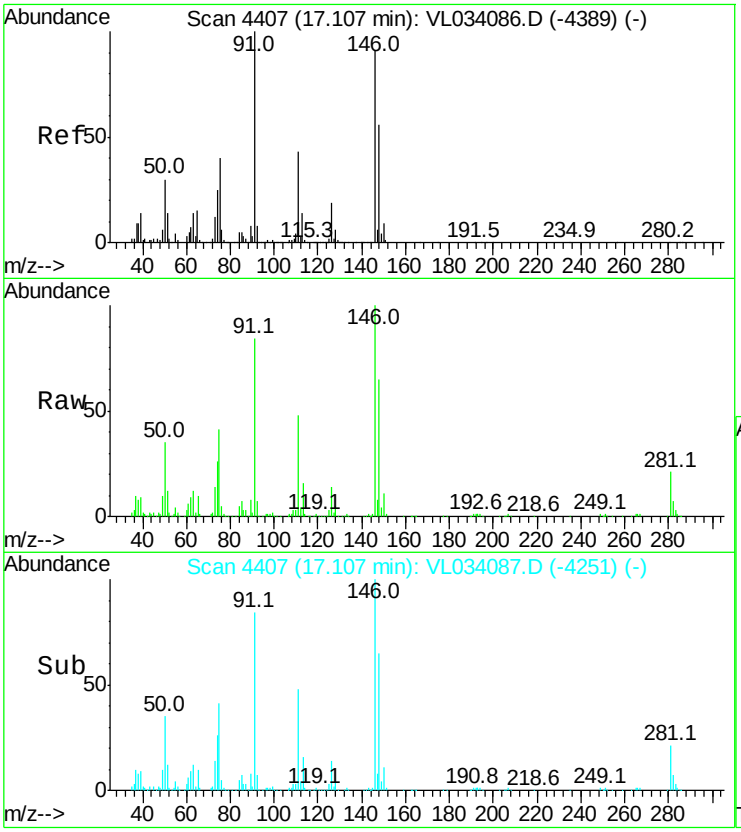


#74
1,2,4-Trimethylbenzene
Concen: 2.418 ppbv
RT: 16.86 min Scan# 4331
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:105 Resp: 858104

Ion	Ratio	Lower	Upper
105	100		
120	45.6	40.2	60.4
91	55.9	38.1	57.1
77	22.5	17.8	26.8



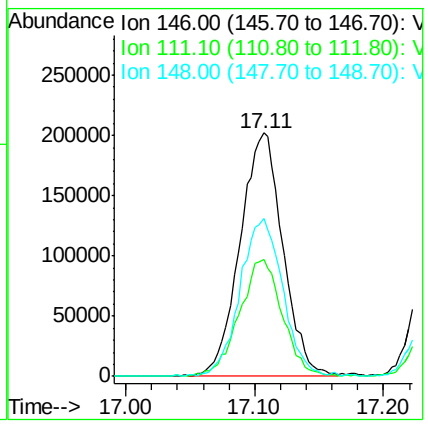


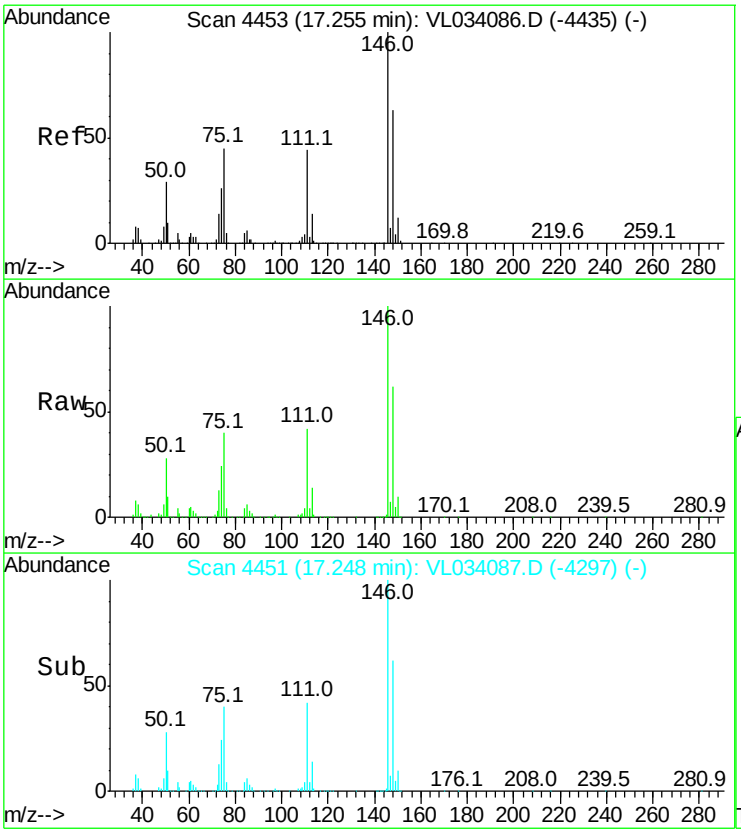
#75
1,3-Dichlorobenzene
Concen: 2.224 ppbv
RT: 17.11 min Scan# 4407
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 467193

Ion	Ratio	Lower	Upper
146	100		
111	48.6	23.8	71.5
148	65.0	32.4	97.2

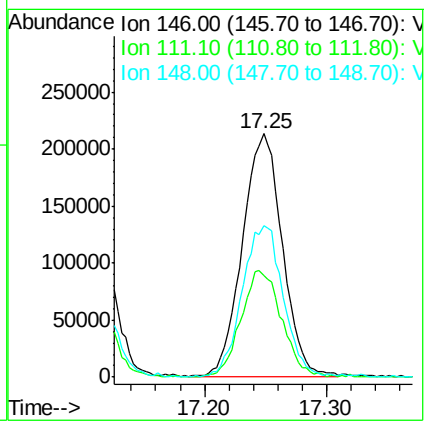


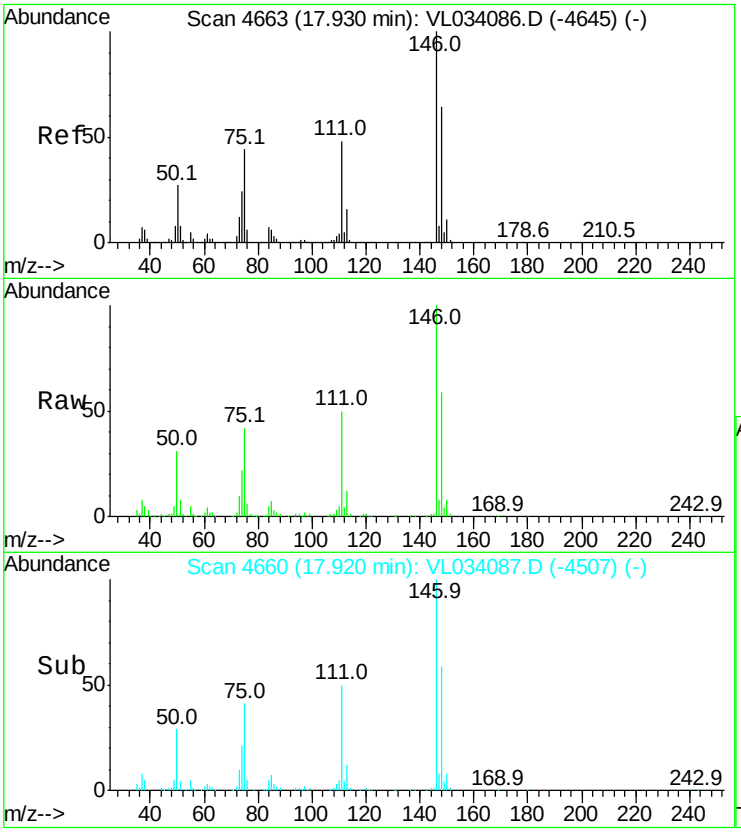


#76
1,4-Dichlorobenzene
Concen: 2.429 ppbv
RT: 17.25 min Scan# 4451
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:146 Resp: 481936

Ion	Ratio	Lower	Upper
146	100		
111	44.9	23.2	69.5
148	64.0	32.1	96.5



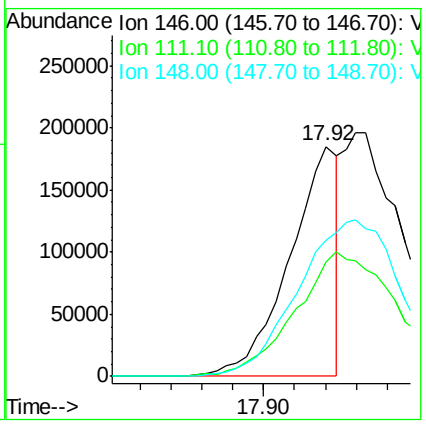


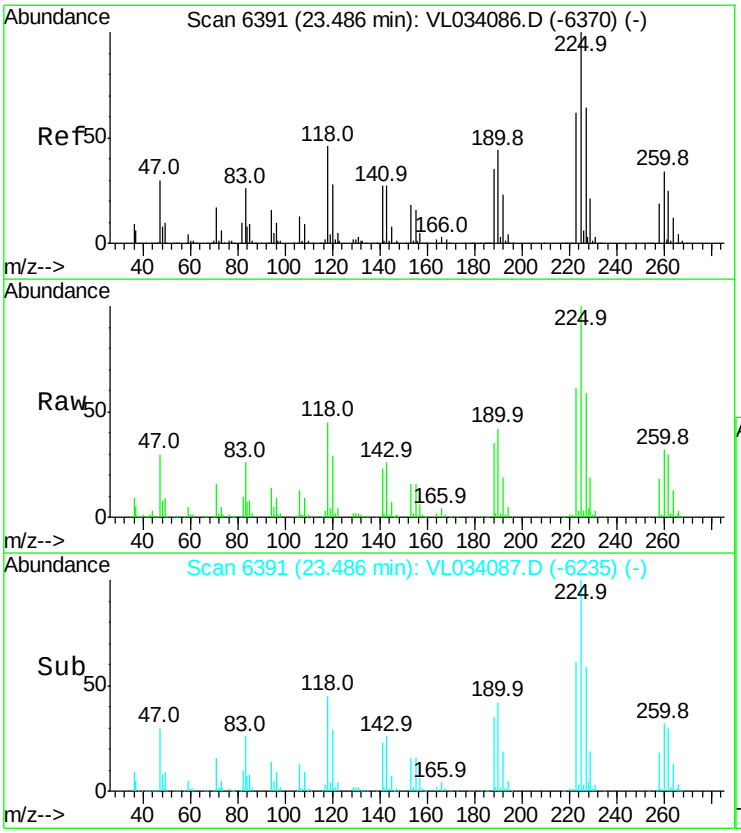
#77
1,2-Dichlorobenzene
Concen: 1.012 ppbv
RT: 17.92 min Scan# 4660
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 199589

Ion	Ratio	Lower	Upper
146	100		
111	115.4	24.0	72.0#
148	0.0	31.9	95.7#

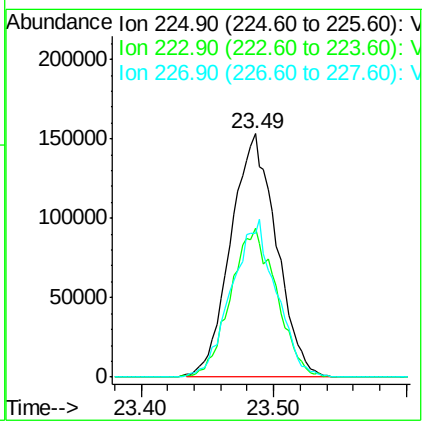


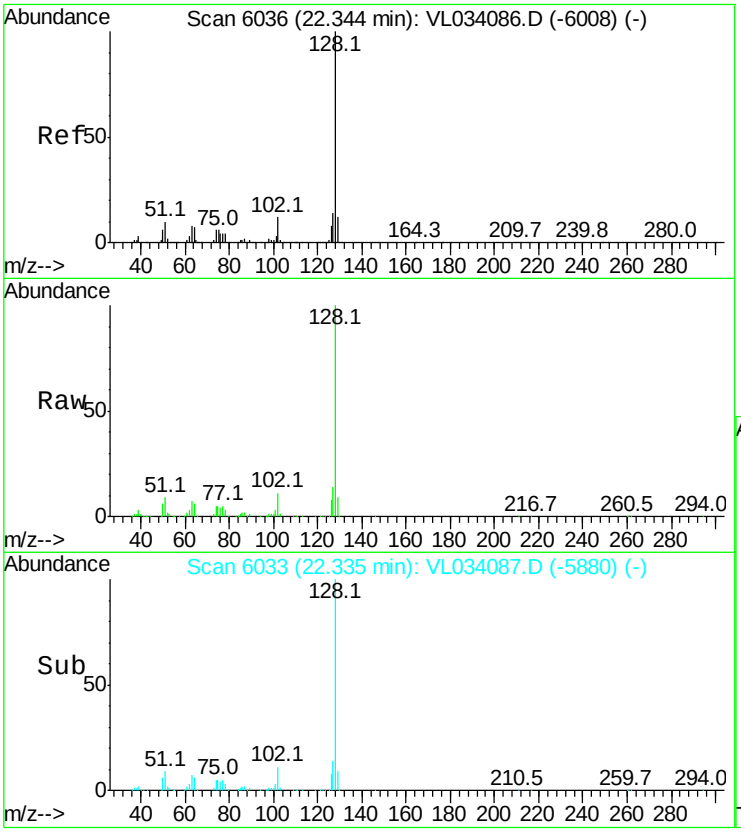


#78
Hexachloro-1,3-Butadiene
Concen: 2.013 ppbv
RT: 23.49 min Scan# 6391
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:225 Resp: 364475

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.8	76.2
227	63.5	52.2	78.2



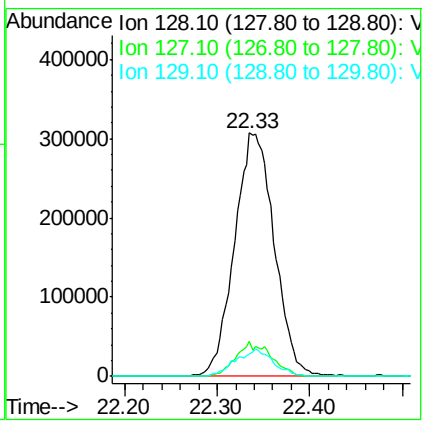


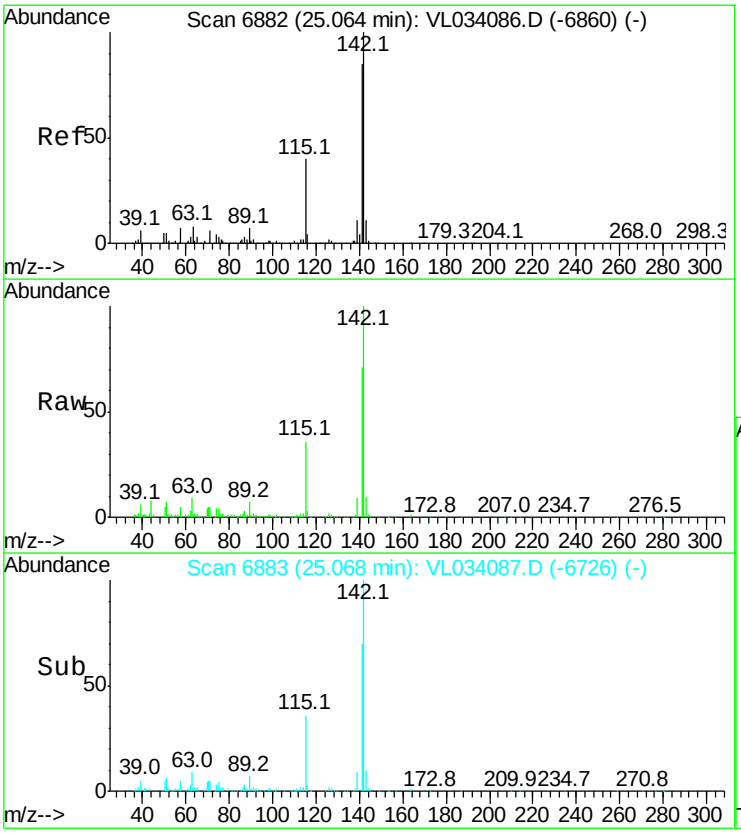
#79
Naphthalene
Concen: 2.874 ppbv
RT: 22.33 min Scan# 6033
Delta R.T. -0.01 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 913201

Ion	Ratio	Lower	Upper
128	100		
127	14.2	11.0	16.6
129	9.3	9.2	13.8

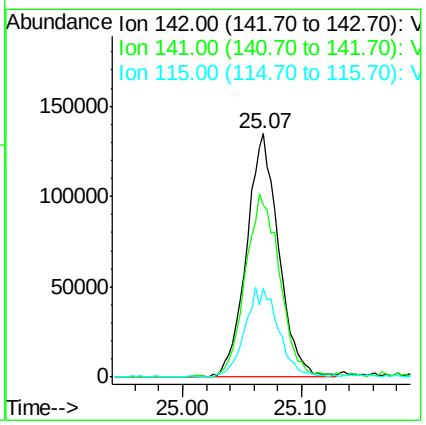


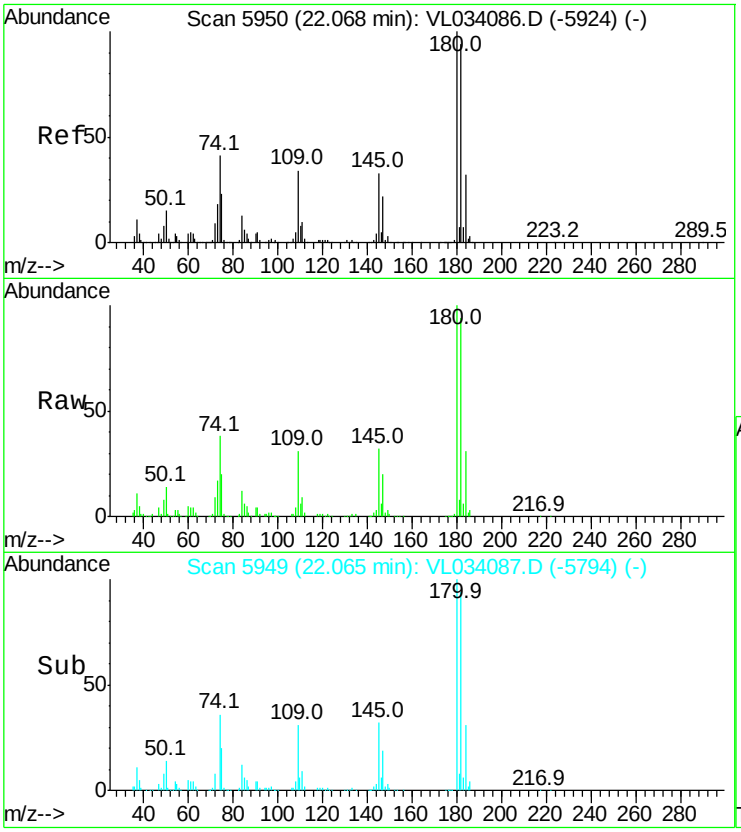


#80
Naphthalene,2-methyl-
Concen: 2.062 ppbv
RT: 25.07 min Scan# 6883
Delta R.T. 0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Tgt Ion:142 Resp: 251384

Ion	Ratio	Lower	Upper
142	100		
141	80.9	66.1	99.1
115	39.3	30.8	46.2





#81
1,2,4-Trichlorobenzene
Concen: 2.515 ppbv
RT: 22.06 min Scan# 5949
Delta R.T. -0.00 min
Lab File: VL034087.D
Acq: 5 Aug 2019 13:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 494201

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.7	115.1
184	31.7	25.0	37.4