Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034682.D
Acq On : 26 Feb 2020 6:18
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Feb 26 06:48:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 03:37:46 2020
QLast Update : Wed Feb 26 03:37:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1127441	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2371700	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2501020	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2018366	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	1755493	10.072	ppbv	97
3) Chlorodifluoromethane	2.95	51	1635730	11.991	ppbv	100
4) Chloromethane	3.11	50	967846	11.778	ppbv	98
5) Vinyl Chloride	3.22	62	920072	12.037	ppbv	95
6) Bromomethane	3.44	94	544772	13.653	ppbv	98
7) Chloroethane	3.53	64	339669	12.088	ppbv	96
8) Dichlorotetrafluoroethane	3.15	85	1956554	11.174	ppbv	100
9) Propene	2.97	41	712440	12.897	ppbv	98
10) Heptane	8.14	43	1981557	13.653	ppbv	100
11) Trichlorofluoromethane	3.93	101	2025107	11.450	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1417265	11.623	ppbv	99
13) Ethanol	3.57	45	185666	10.919	ppbv	98
14) Bromoethene	3.71	108	635963	12.643	ppbv	100
15) Acetone	3.83	43	1615137	10.553	ppbv	99
16) 1,3-Butadiene	3.29	39	851897	13.089	ppbv	99
17) tert-Butyl alcohol	4.28	59	1344923	11.558	ppbv	100
18) 1,1-Dichloroethene	4.27	96	663505	11.918	ppbv	96
19) Isopropyl Alcohol	3.95	45	1069875	10.168	ppbv	99
20) Methylene Chloride	4.33	84	610958	10.903	ppbv	97
21) Allyl Chloride	4.39	41	1202008	12.895	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	670961	12.287	ppbv	96
23) Vinyl Acetate	5.06	43	2586218	13.647	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1885081	11.938	ppbv	99
25) Ethyl Acetate	5.67	43	3144928	11.921	ppbv	99
26) Hexane	5.68	57	1478895	12.623	ppbv	97
27) Carbon Disulfide	4.53	76	1804459	13.557	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	1991663	11.773	ppbv	99
29) Chloroform	5.75	83	2221939	11.920	ppbv	100
30) Cyclohexane	7.14	84	1204965	13.439	ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1531559	13.484	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	2121886	12.428	ppbv	98
34) 2-Butanone	5.24	43	2144979	12.754	ppbv	100
35) Carbon Tetrachloride	7.03	117	2214649	12.261	ppbv	98
36) Benzene	6.90	78	2879151	12.884	ppbv #	96
37) 1,2-Dichloroethane	6.31	62	1820579	12.449	ppbv	99
38) Trichloroethene	7.85	130	1064686	12.551	ppbv	97
39) 1,2-Dichloropropane	7.63	63	1188651	12.925	ppbv	96
40) 1,4-Dioxane	7.84	88	385382	11.219	ppbv	81
41) Tetrahydrofuran	6.05	42	1211925	13.769	ppbv	100
42) Bromodichloromethane	7.81	83	2414726	12.729	ppbv	100
43) Methyl Methacrylate	8.03	69	1373862	15.683	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034682.D
Acq On : 26 Feb 2020 6:18
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Feb 26 06:48:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 03:37:46 2020
QLast Update : Wed Feb 26 03:37:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4885884	12.162	ppbv		98
45) t-1,3-Dichloropropene	9.30	75	1640611	16.000	ppbv		96
46) cis-1,3-Dichloropropene	8.72	75	1874985	15.633	ppbv		97
47) 1,1,2-Trichloroethane	9.50	97	1196517	12.313	ppbv		97
48) Dibromochloromethane	10.33	129	1993864	13.364	ppbv		99
49) Bromoform	13.08	173	1747412	13.394	ppbv		99
50) 4-Methyl-2-Pentanone	8.76	43	3229899	13.523	ppbv		99
51) 2-Hexanone	10.16	43	2705485	14.359	ppbv	#	100
52) Tetrachloroethene	11.26	164	993933	12.605	ppbv		98
53) Toluene	9.83	91	3318515	13.808	ppbv		99
54) 1,2-Dibromoethane	10.64	107	1830471	13.523	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.16	131	1436665	13.137	ppbv		99
57) Chlorobenzene	12.18	112	2417785	11.698	ppbv		98
58) Ethyl Benzene	12.74	91	4367156	13.125	ppbv		98
59) m/p-Xylene	13.03	91	3007044	10.301	ppbv	#	1
60) o-Xylene	13.73	91	3538193	12.134	ppbv		99
61) Styrene	13.56	104	2641042	13.256	ppbv		99
62) Isopropylbenzene	14.71	105	5103702	13.212	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.72	83	2558979	11.051	ppbv		99
64) n-propylbenzene	15.60	120	1408818	14.369	ppbv		93
65) tert-Butylbenzene	16.79	119	4392376	13.041	ppbv		99
66) Benzyl Chloride	17.04	91	2172782	16.713	ppbv		99
67) sec-Butylbenzene	17.34	105	6257751	13.009	ppbv		98
69) p-Isopropyltoluene	17.70	119	5206904	13.620	ppbv		98
70) n-Butylbenzene	18.60	91	5621970	13.740	ppbv		97
71) 2-Chlorotoluene	15.49	91	4094158	13.824	ppbv		98
72) 4-Ethyltoluene	15.88	105	4198364	13.045	ppbv		100
73) 1,3,5-Trimethylbenzene	16.04	105	3935085	12.893	ppbv		98
74) 1,2,4-Trimethylbenzene	16.81	105	3950654	12.012	ppbv		91
75) 1,3-Dichlorobenzene	17.05	146	2330751	12.072	ppbv		99
76) 1,4-Dichlorobenzene	17.19	146	2373310	12.455	ppbv		99
77) 1,2-Dichlorobenzene	17.87	146	2284921	12.285	ppbv		99
78) Hexachloro-1,3-Butadiene	23.42	225	1839425	12.080	ppbv		99
79) Naphthalene	22.26	128	3968273	15.858	ppbv		99
80) Naphthalene,2-methyl-	25.02	142	1514756	28.719	ppbv		98
81) 1,2,4-Trichlorobenzene	21.99	180	2225163	14.562	ppbv		99

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

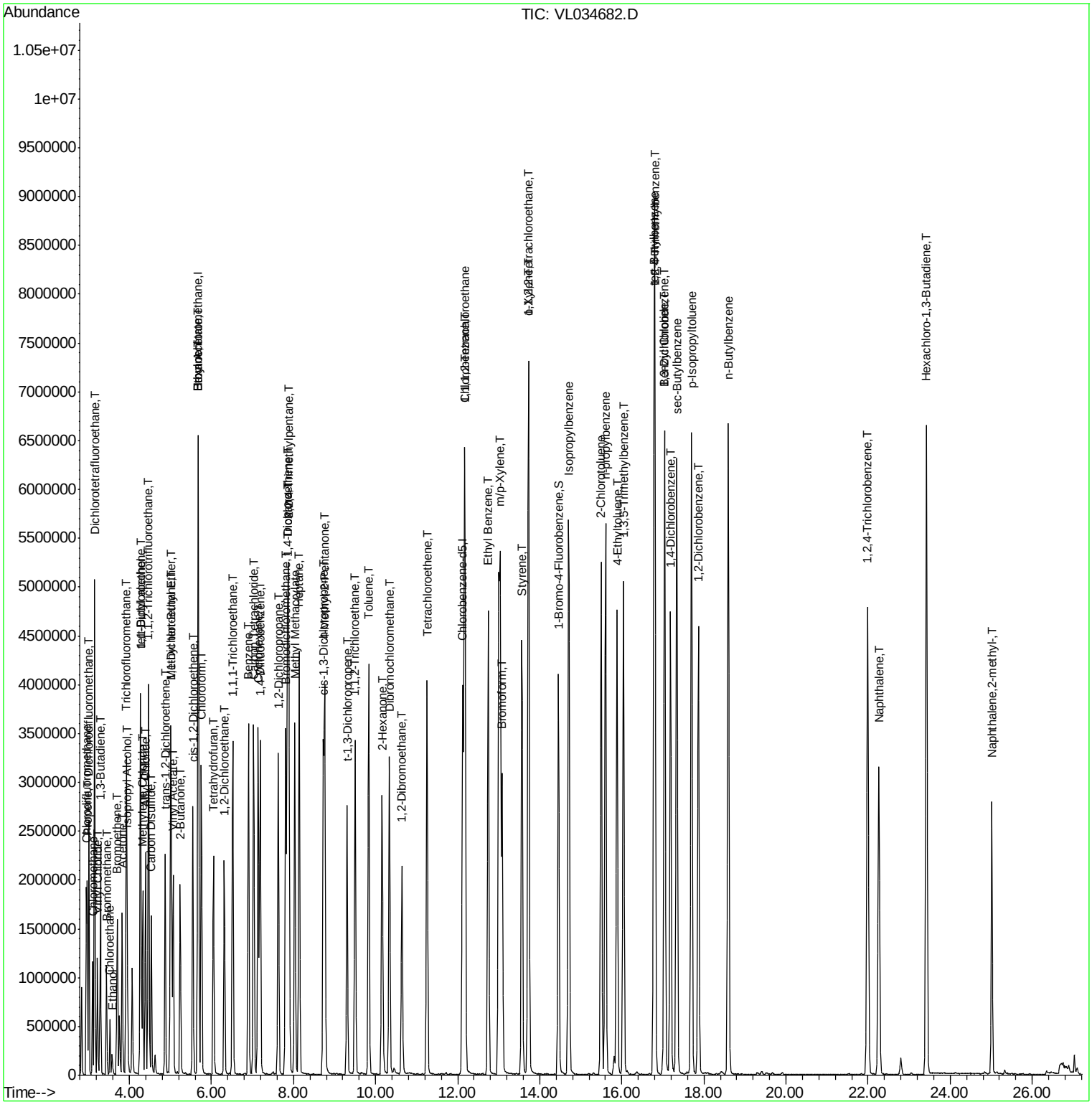
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

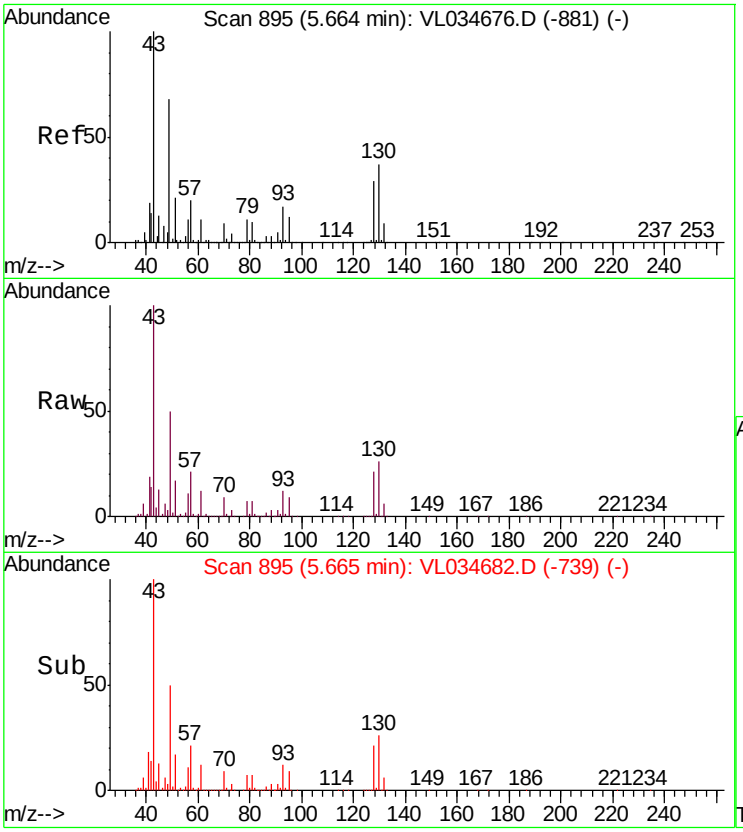
Quantitation Report (Not Reviewed)

Data File : VL034682.D
Acq On : 26 Feb 2020 6:18
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Feb 26 06:48:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 03:37:46 2020
QLast Update : Wed Feb 26 03:37:46 2020
Response via : Initial Calibration



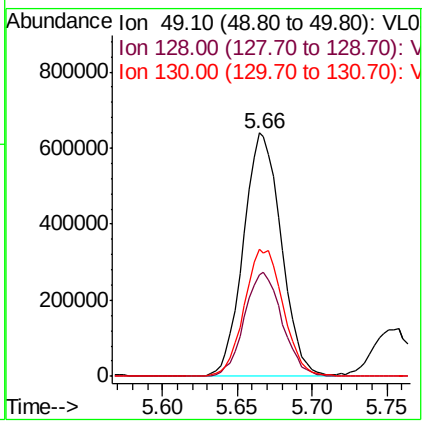


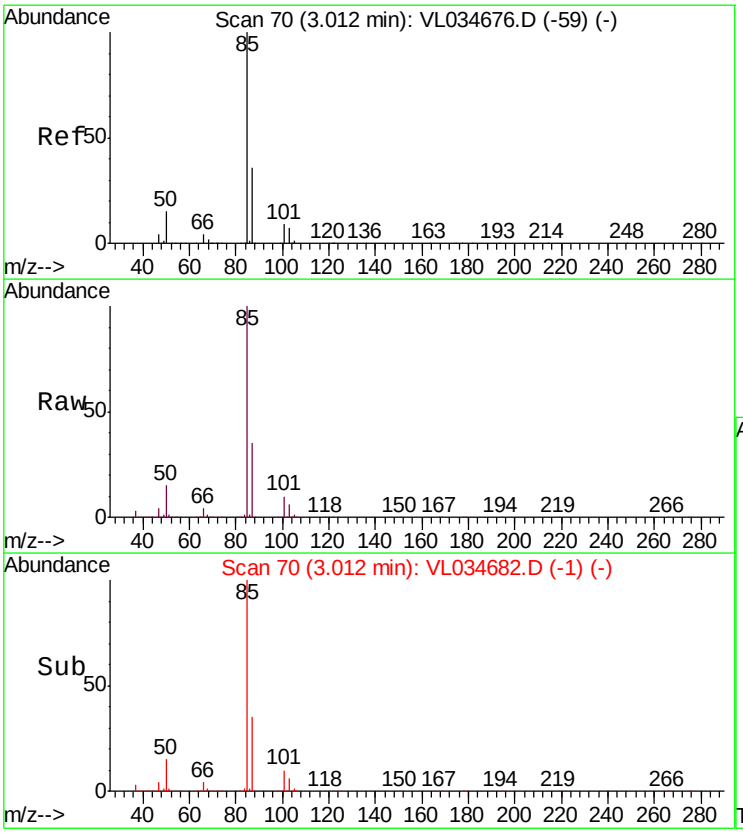
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1127441

Ion	Ratio	Lower	Upper
49	100		
128	42.7	21.6	65.0
130	53.6	27.7	83.1

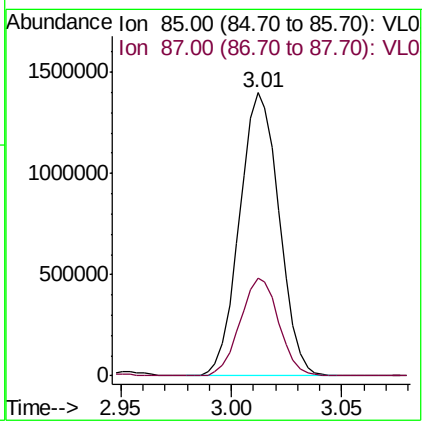


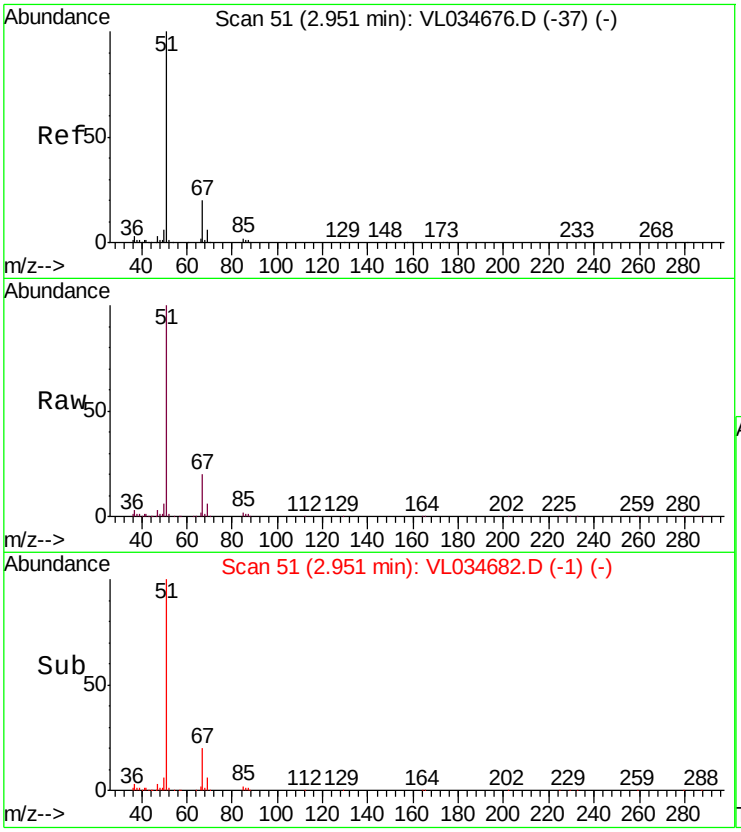


#2
Dichlorodifluoromethane
Concen: 10.072 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 85 Resp: 1755493

Ion	Ratio	Lower	Upper
85	100		
87	34.6	29.2	43.8



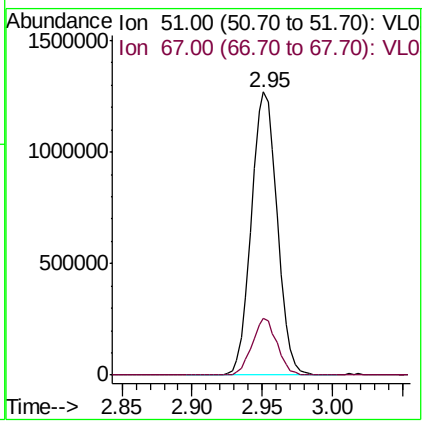


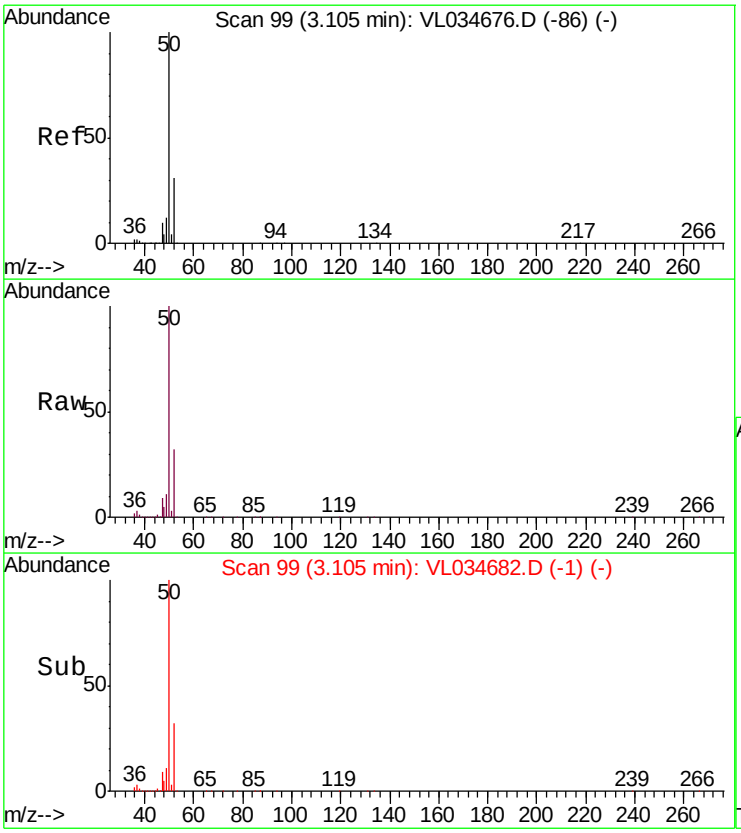
#3
Chlorodifluoromethane
Concen: 11.991 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 1635730

Ion	Ratio	Lower	Upper
51	100		
67	19.5	15.5	23.3

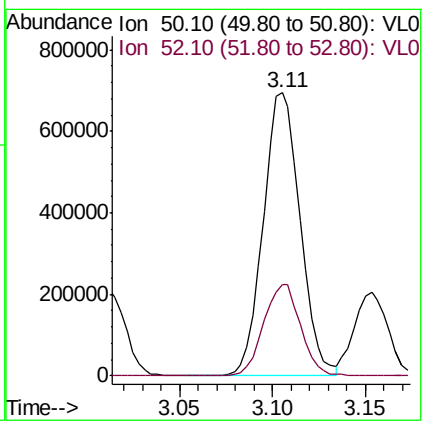


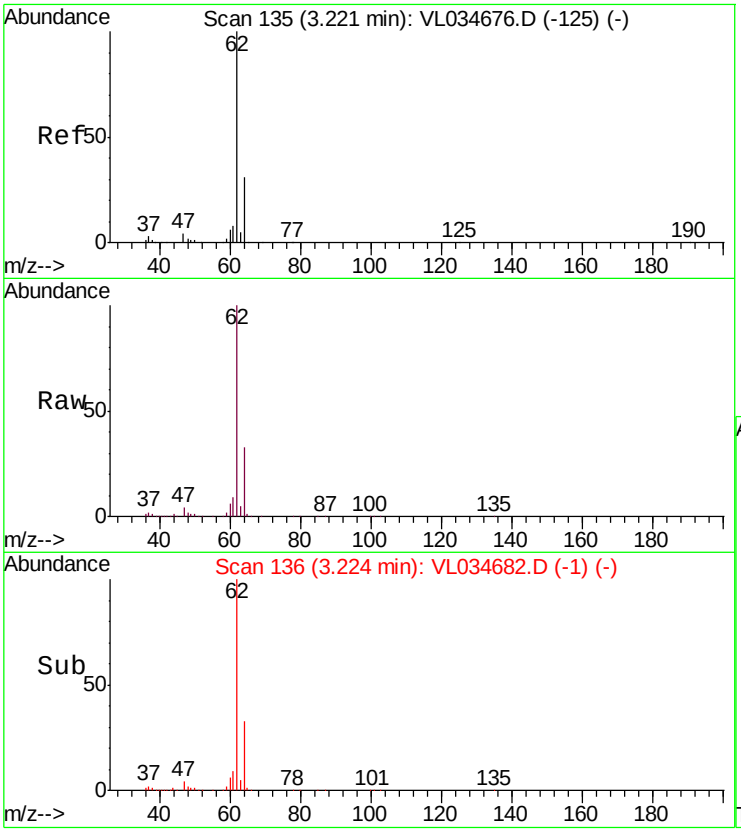


#4
Chloromethane
Concen: 11.778 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 50 Resp: 967846

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.0	37.4



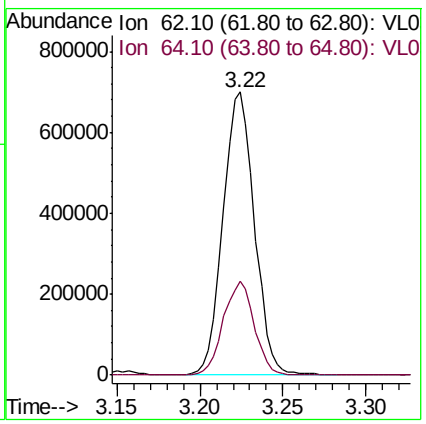


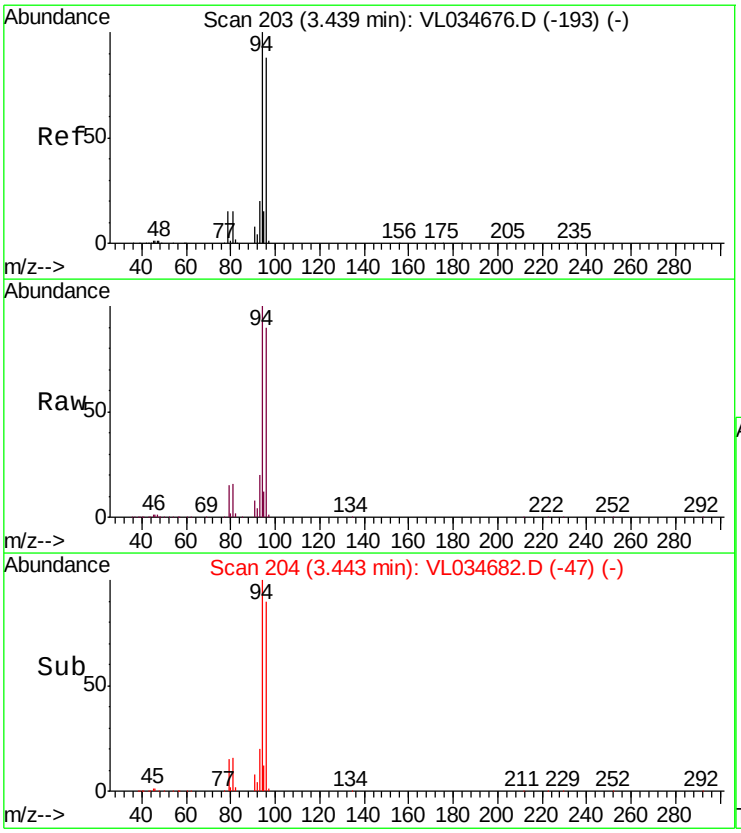
#5
Vinyl Chloride
Concen: 12.037 ppbv
RT: 3.22 min Scan# 136
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 920072

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.7	37.1

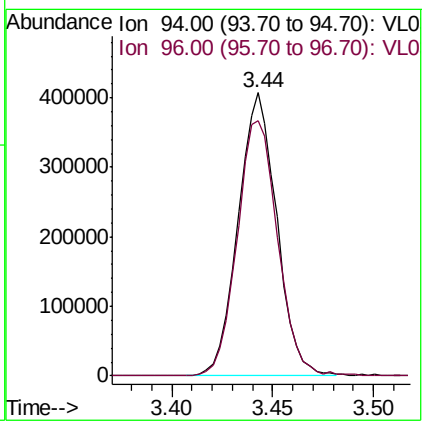


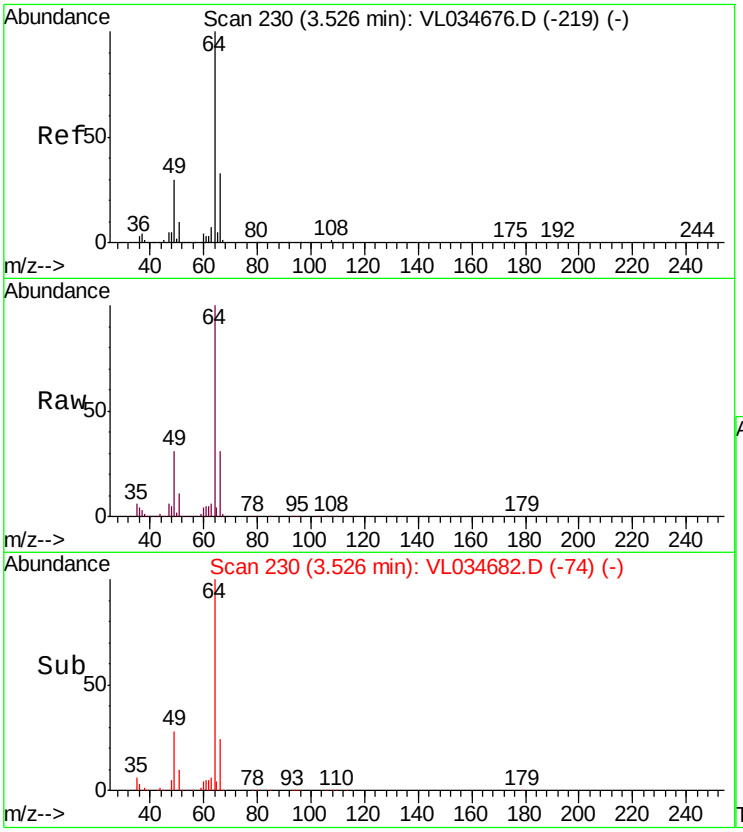


#6
Bromomethane
Concen: 13.653 ppbv
RT: 3.44 min Scan# 204
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 94 Resp: 544772

Ion	Ratio	Lower	Upper
94	100		
96	90.3	70.5	105.7



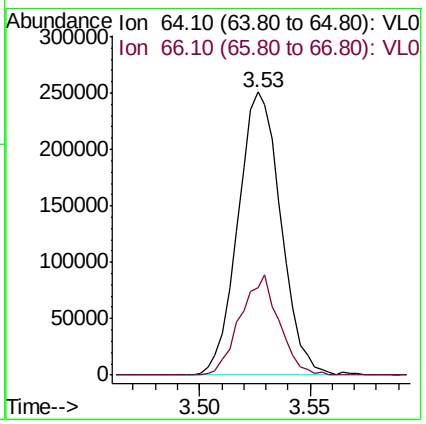


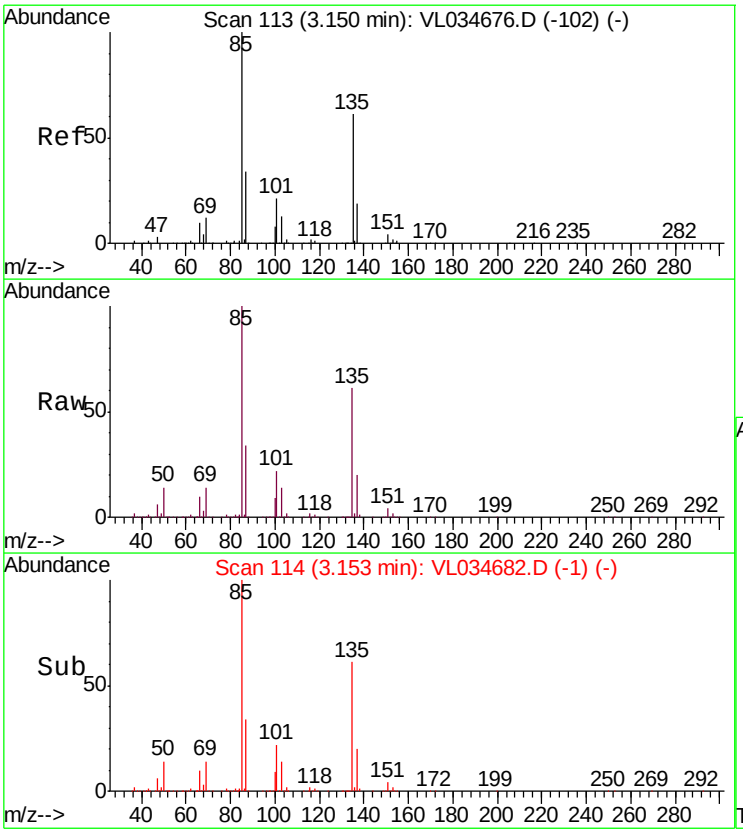
#7
Chloroethane
Concen: 12.088 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 64 Resp: 339669

Ion	Ratio	Lower	Upper
64	100		
66	31.2	26.7	40.1

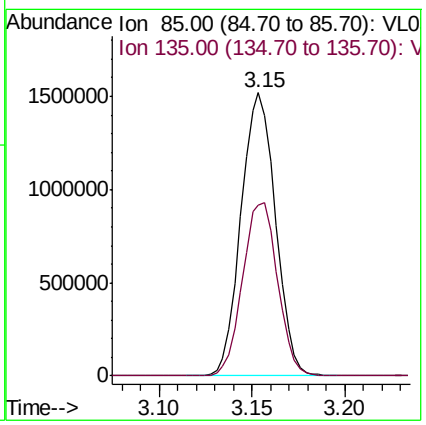


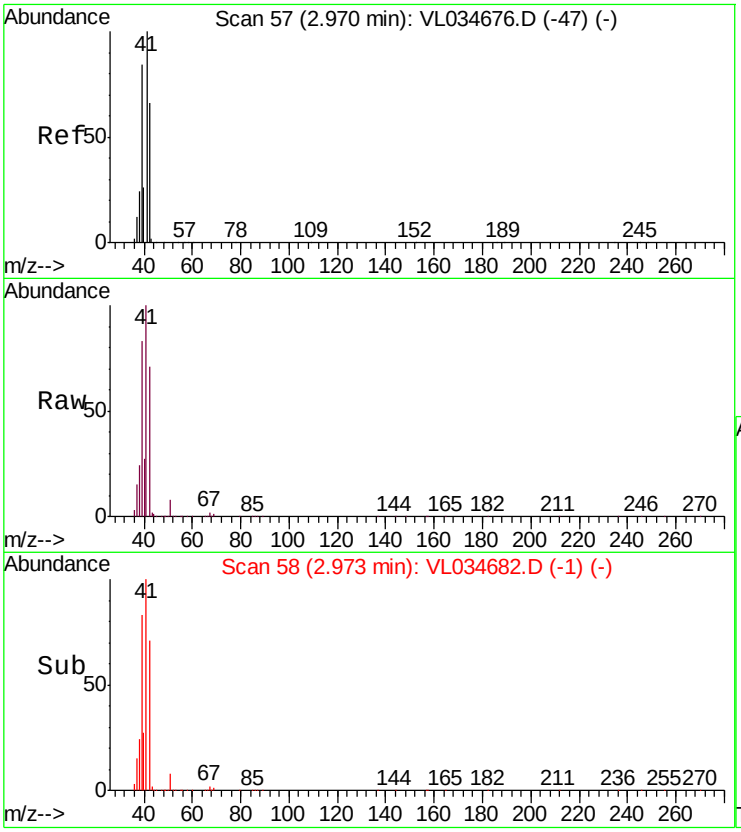


#8
Dichlorotetrafluoroethane
Concen: 11.174 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 85 Resp: 1956554

Ion	Ratio	Lower	Upper
85	100		
135	62.4	49.8	74.6



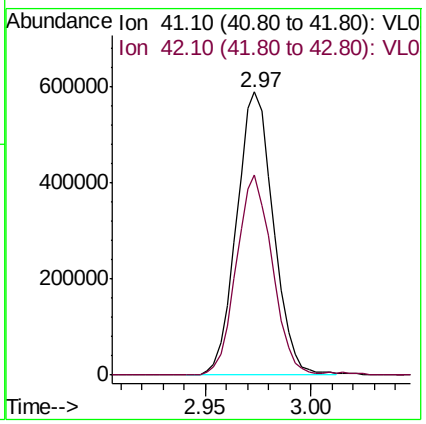


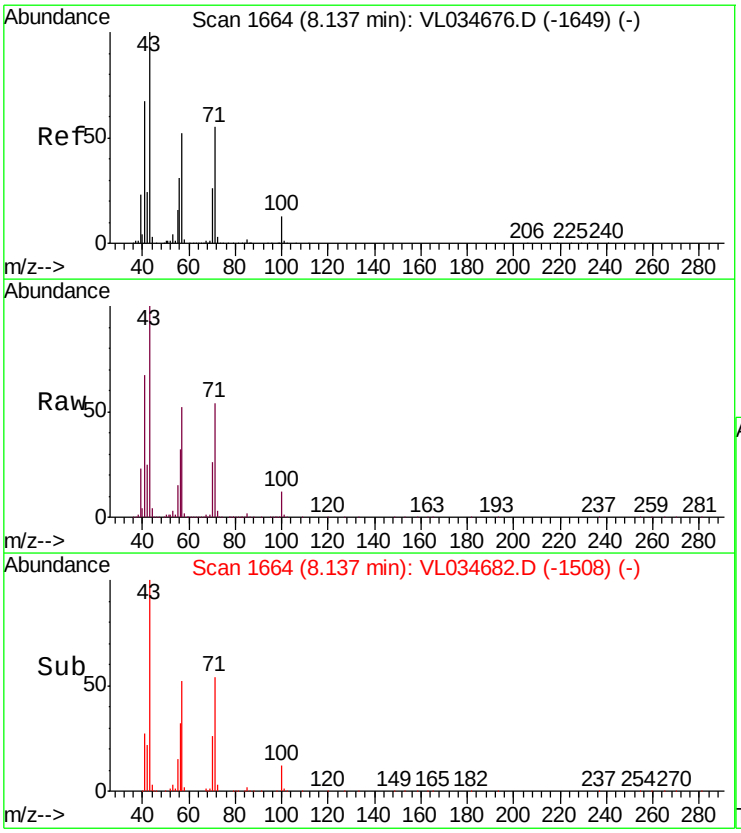
#9
Propene
Concen: 12.897 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 712440

Ion	Ratio	Lower	Upper
41	100		
42	69.9	54.9	82.3

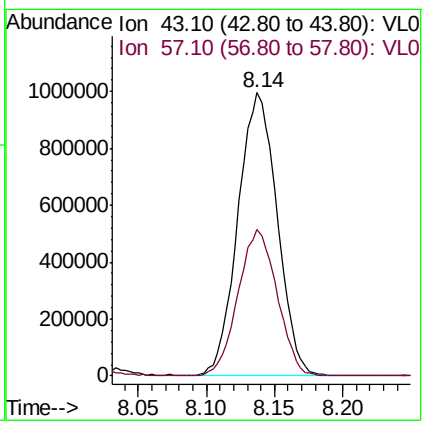


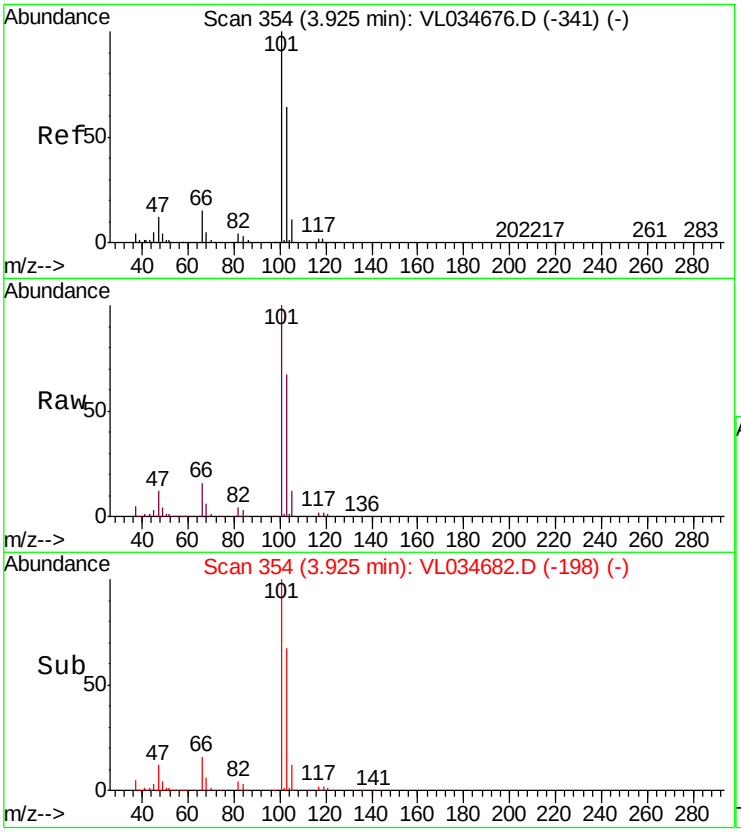


#10
Heptane
Concen: 13.653 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 43 Resp: 1981557

Ion	Ratio	Lower	Upper
43	100		
57	51.5	41.0	61.6



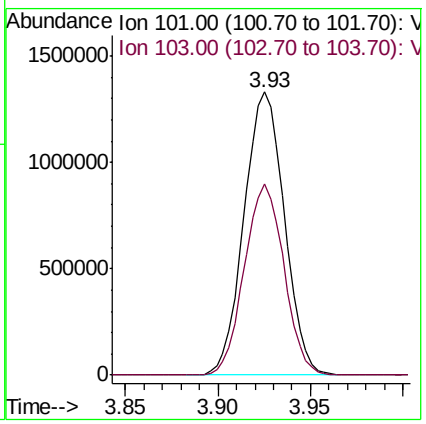


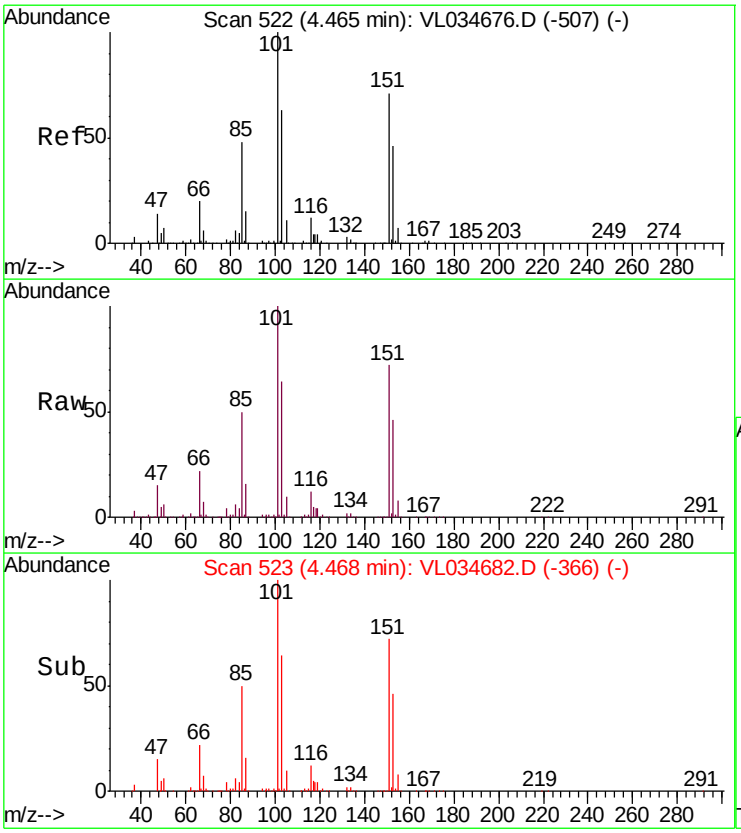
#11
Trichlorofluoromethane
Concen: 11.450 ppbv
RT: 3.93 min Scan# 354
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2025107

Ion	Ratio	Lower	Upper
101	100		
103	67.5	51.2	76.8

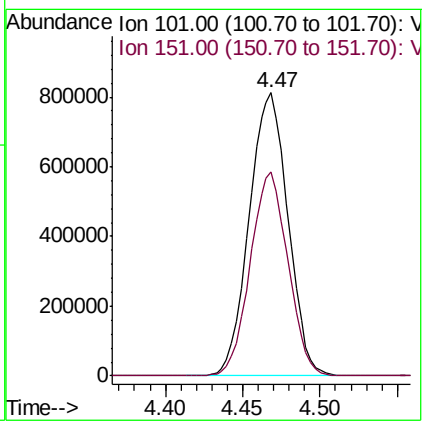


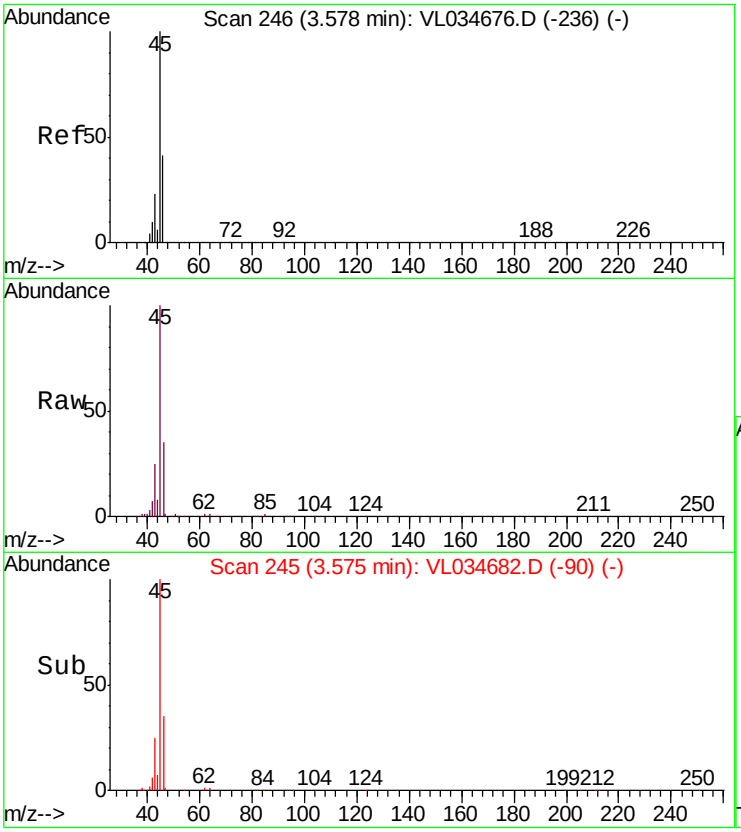


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.623 ppbv
RT: 4.47 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:101 Resp: 1417265

Ion	Ratio	Lower	Upper
101	100		
151	70.2	55.8	83.6



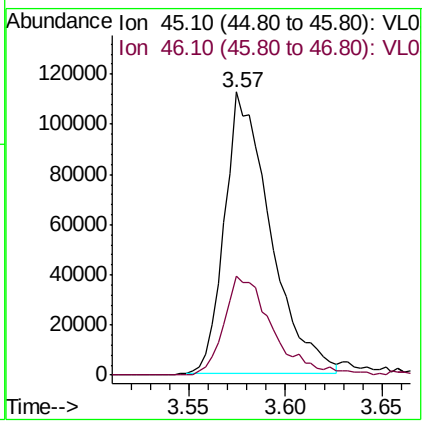


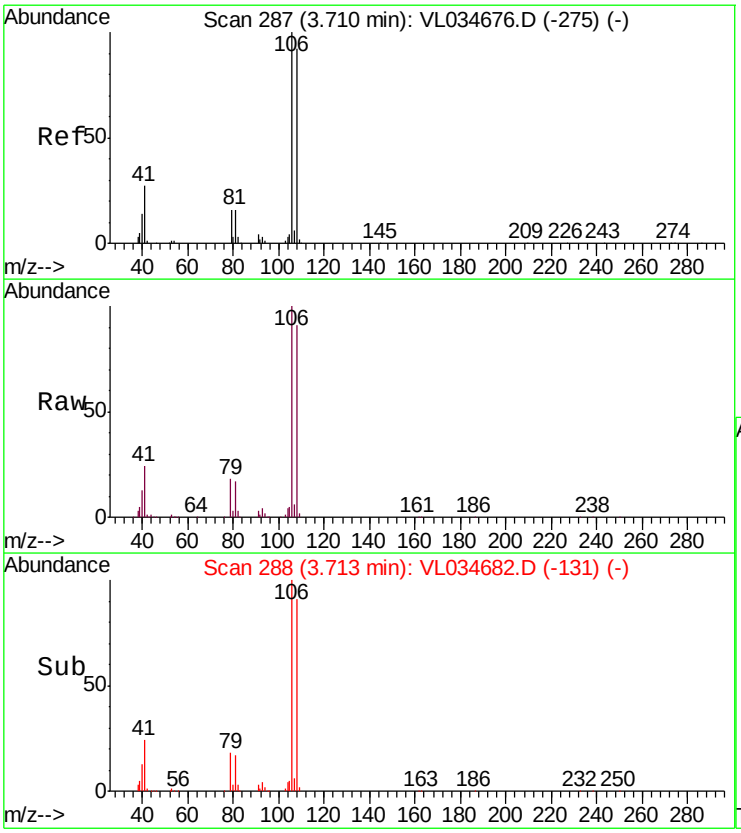
#13
Ethanol
Concen: 10.919 ppbv
RT: 3.57 min Scan# 245
Delta R.T. -0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 185666

Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.4	61.4

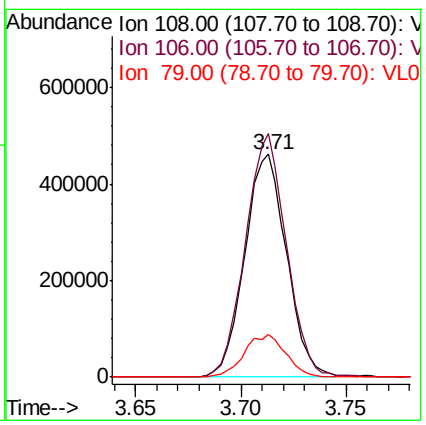


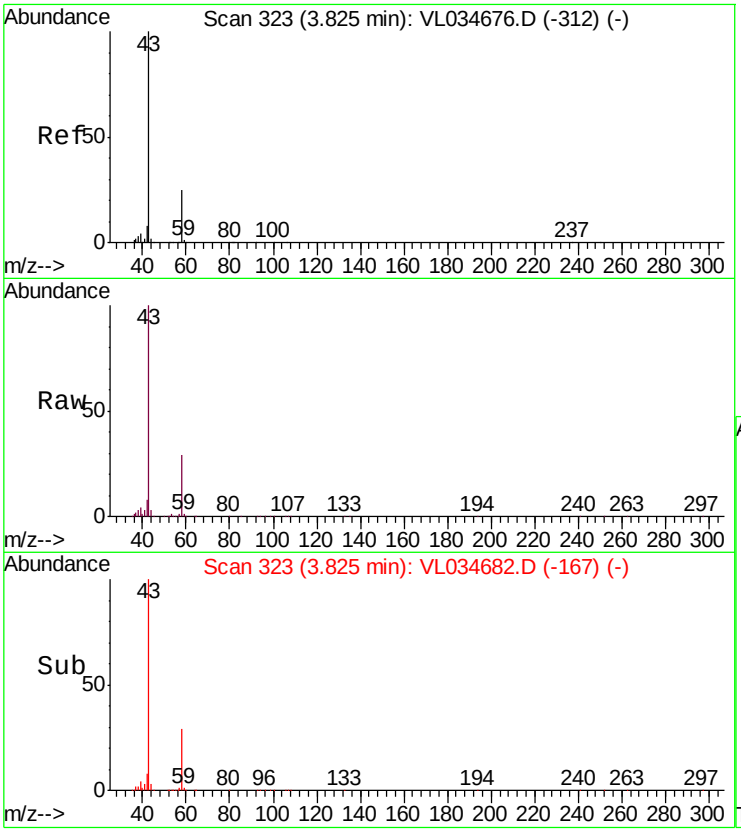


#14
Bromoethene
Concen: 12.643 ppbv
RT: 3.71 min Scan# 288
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:108 Resp: 635963

Ion	Ratio	Lower	Upper
108	100		
106	108.1	86.7	130.1
79	19.4	15.0	22.6



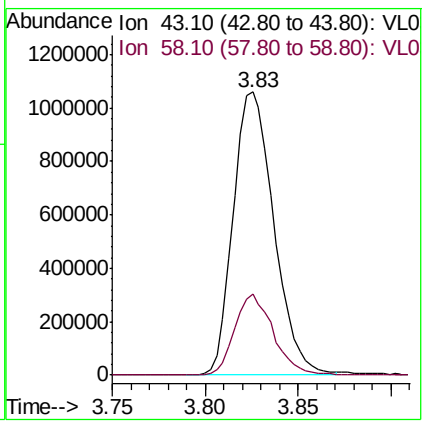


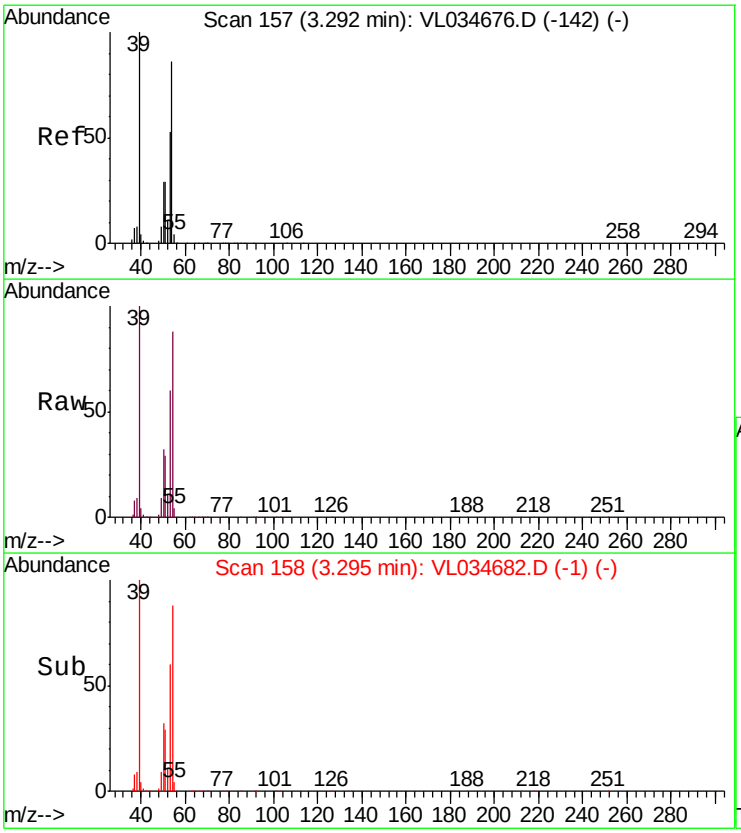
#15
Acetone
Concen: 10.553 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1615137

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.4	32.0

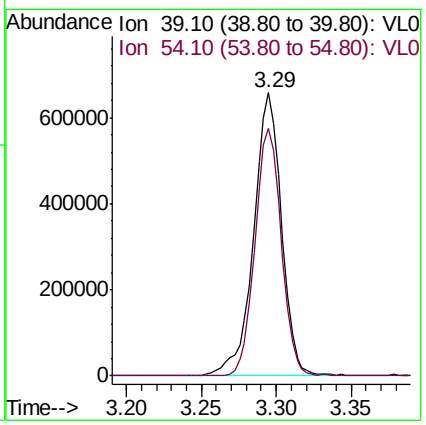


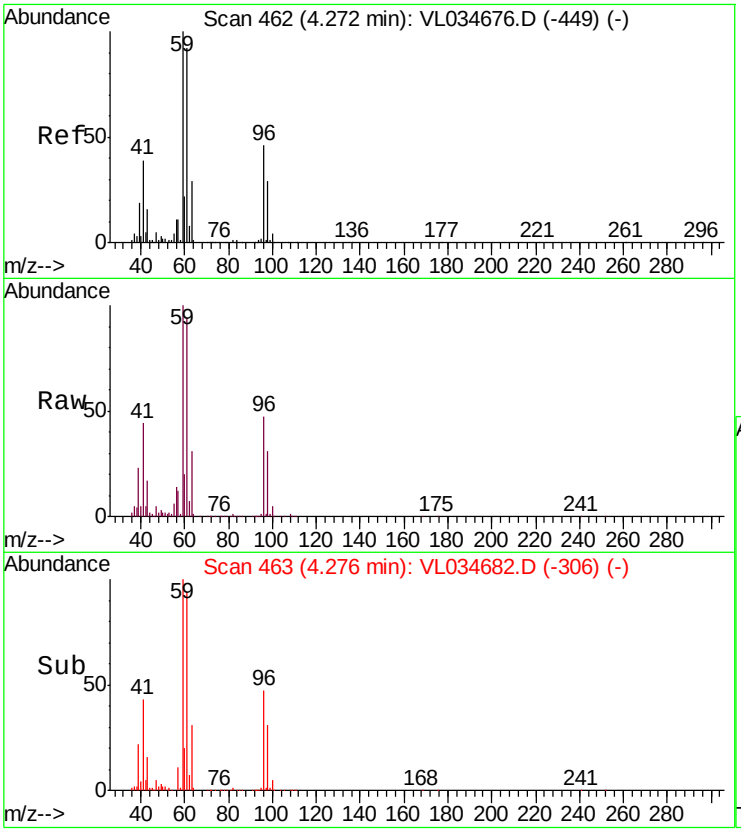


#16
1,3-Butadiene
Concen: 13.089 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 39 Resp: 851897

Ion	Ratio	Lower	Upper
39	100		
54	83.2	67.0	100.6



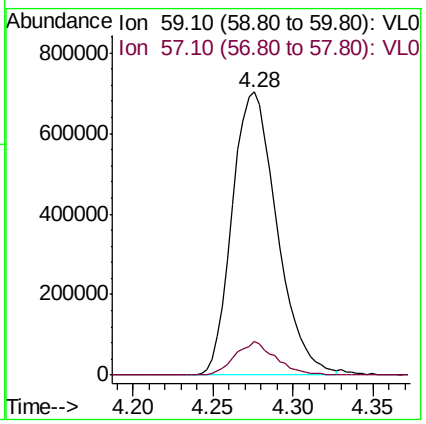


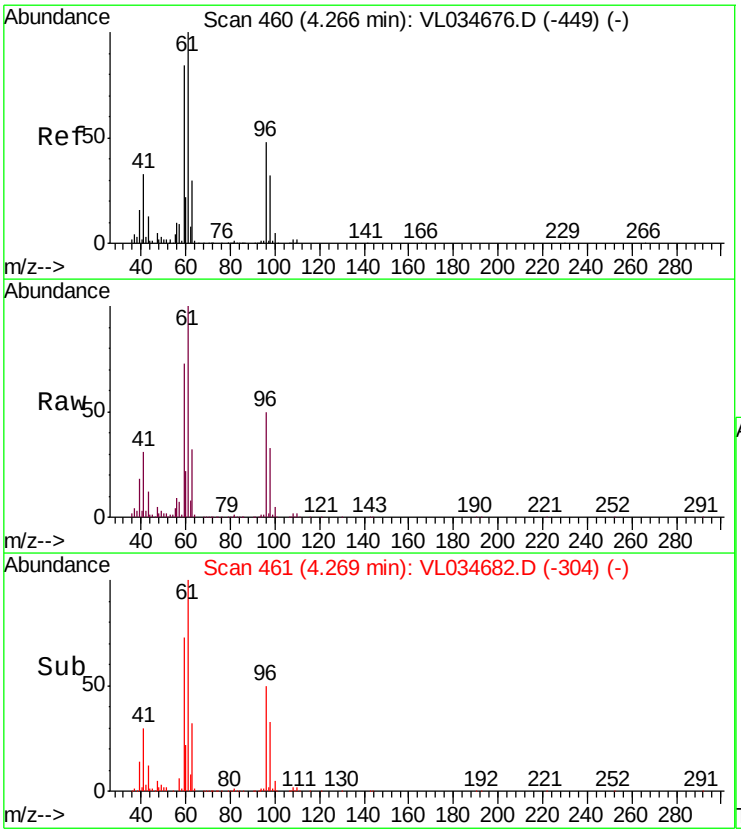
#17
tert-Butyl alcohol
Concen: 11.558 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1344923

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2

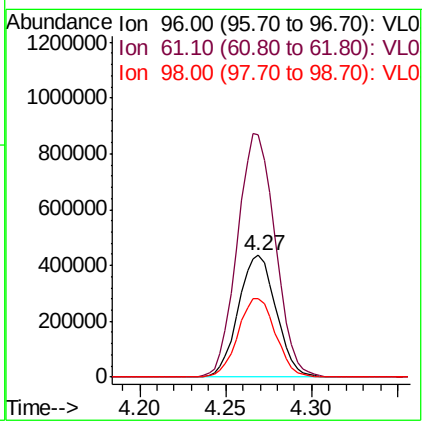


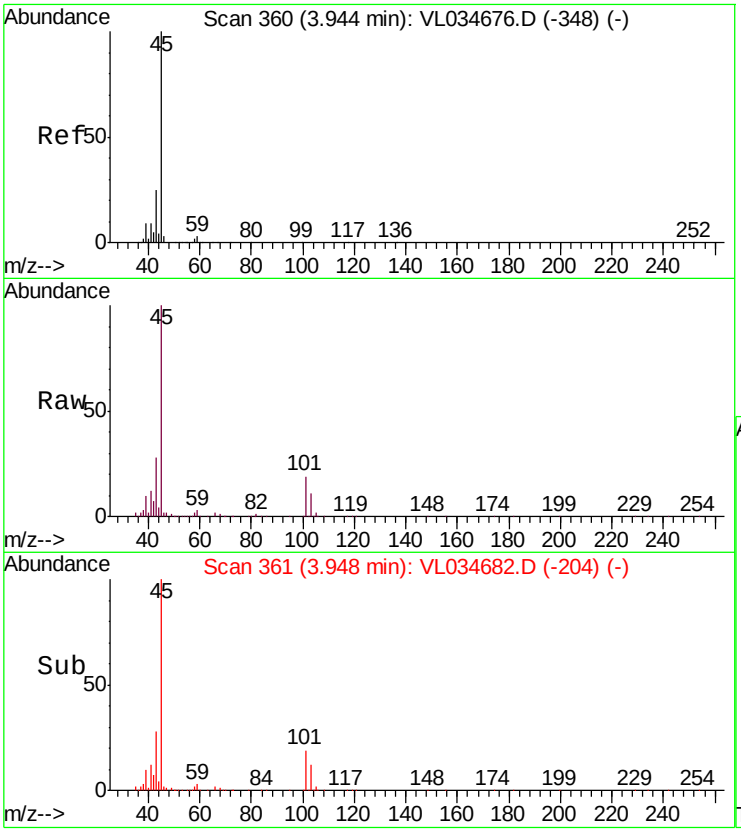


#18
1,1-Dichloroethene
Concen: 11.918 ppbv
RT: 4.27 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 96 Resp: 663505

Ion	Ratio	Lower	Upper
96	100		
61	199.6	165.1	247.7
98	65.1	52.7	79.1



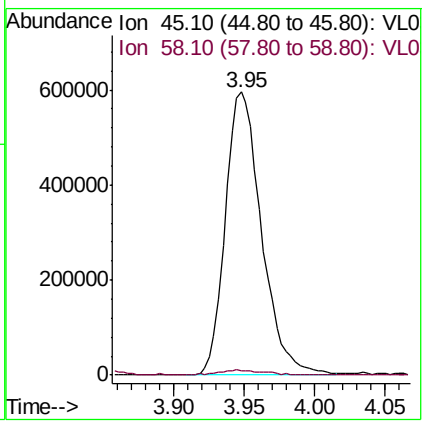


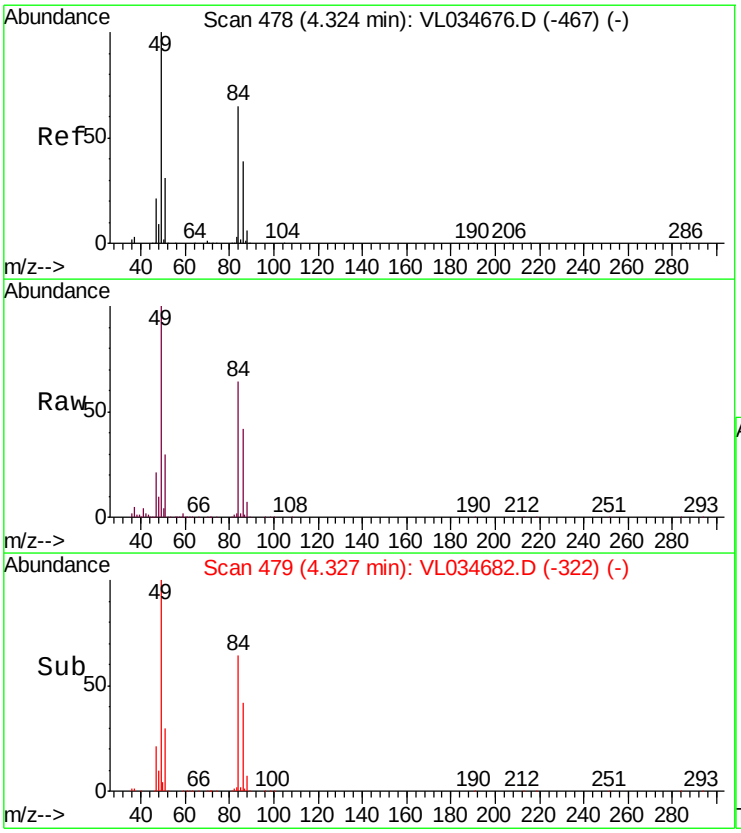
#19
Isopropyl Alcohol
Concen: 10.168 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 45 Resp: 1069875

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.8	2.6

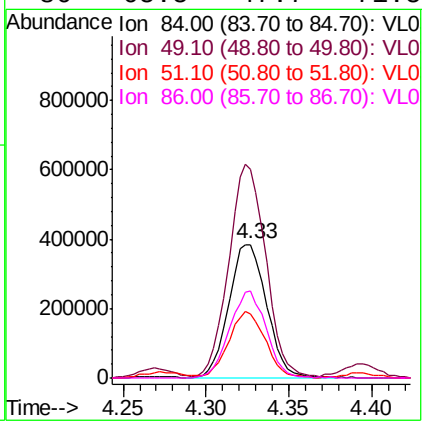


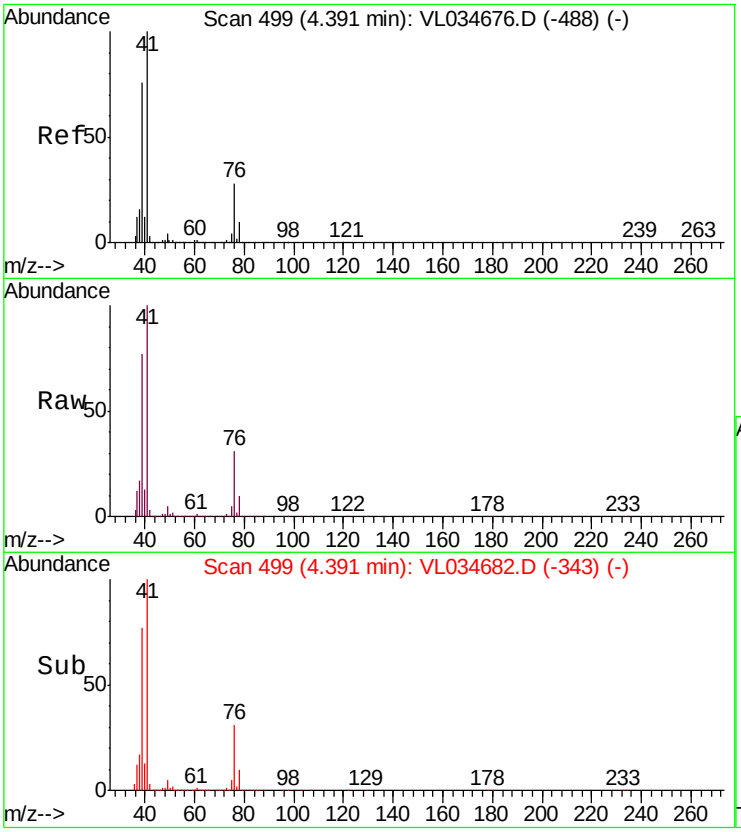


#20
Methylene Chloride
Concen: 10.903 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 84 Resp: 610958

Ion	Ratio	Lower	Upper
84	100		
49	154.8	122.8	184.2
51	46.6	38.6	58.0
86	65.5	47.7	71.5



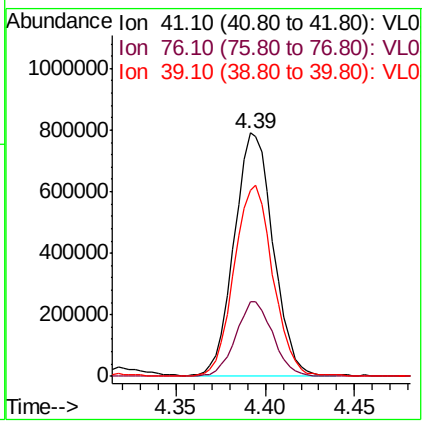


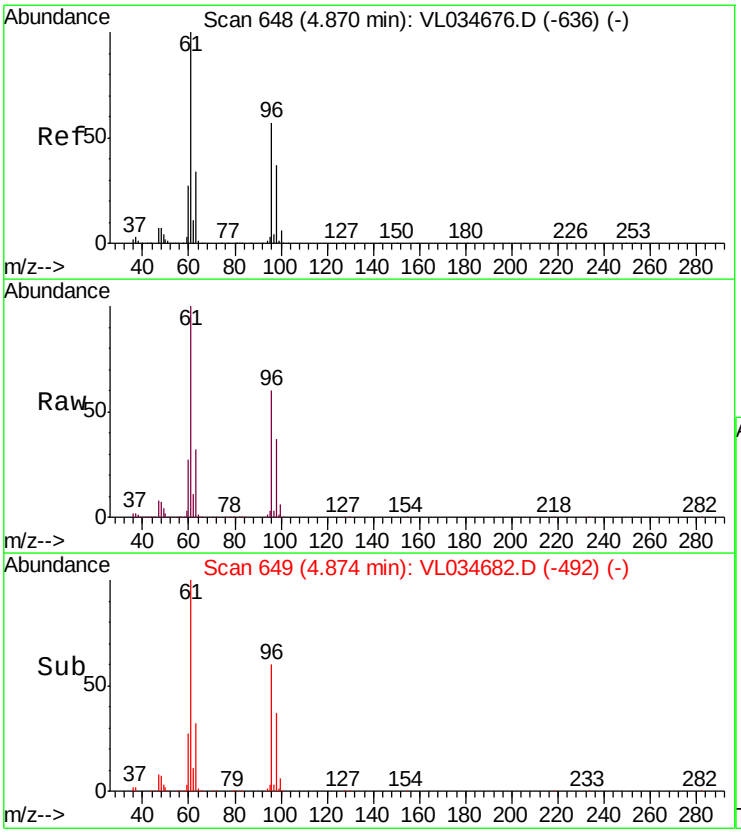
#21
Allyl Chloride
Concen: 12.895 ppbv
RT: 4.39 min Scan# 499
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1202008

Ion	Ratio	Lower	Upper
41	100		
76	29.5	22.8	34.2
39	78.6	61.7	92.5

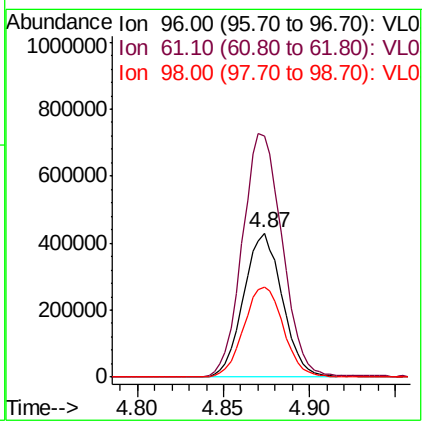


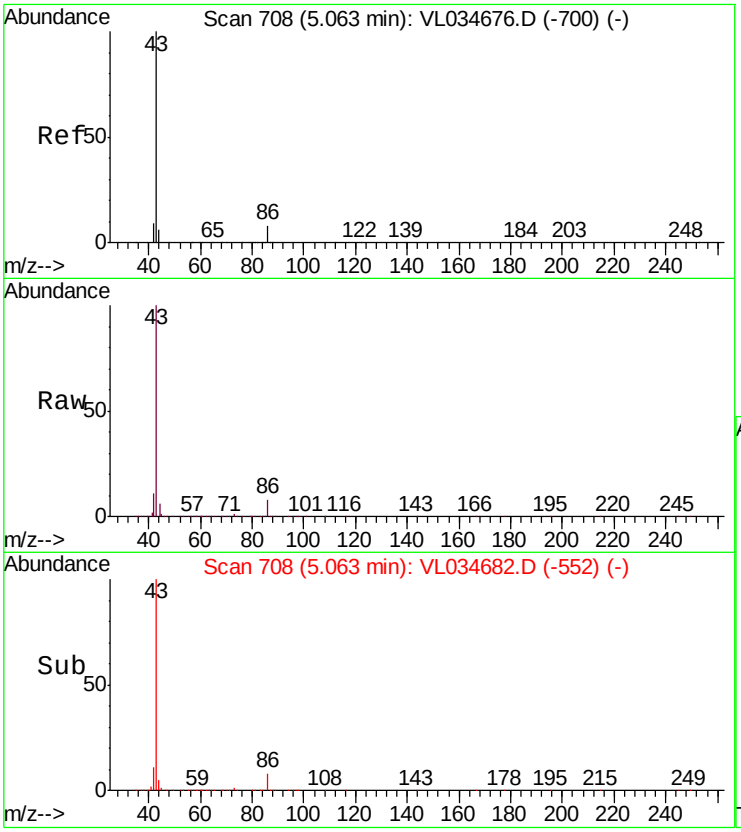


#22
trans-1,2-Dichloroethene
Concen: 12.287 ppbv
RT: 4.87 min Scan# 649
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 96 Resp: 670961

Ion	Ratio	Lower	Upper
96	100		
61	167.8	139.4	209.0
98	62.2	51.3	76.9



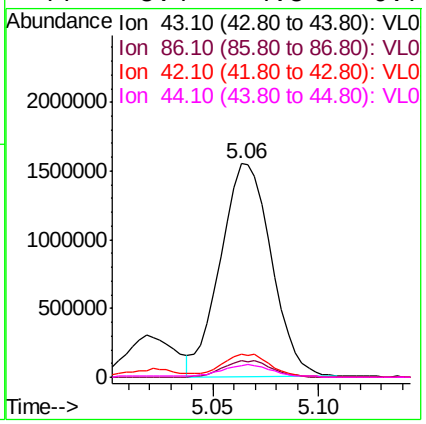


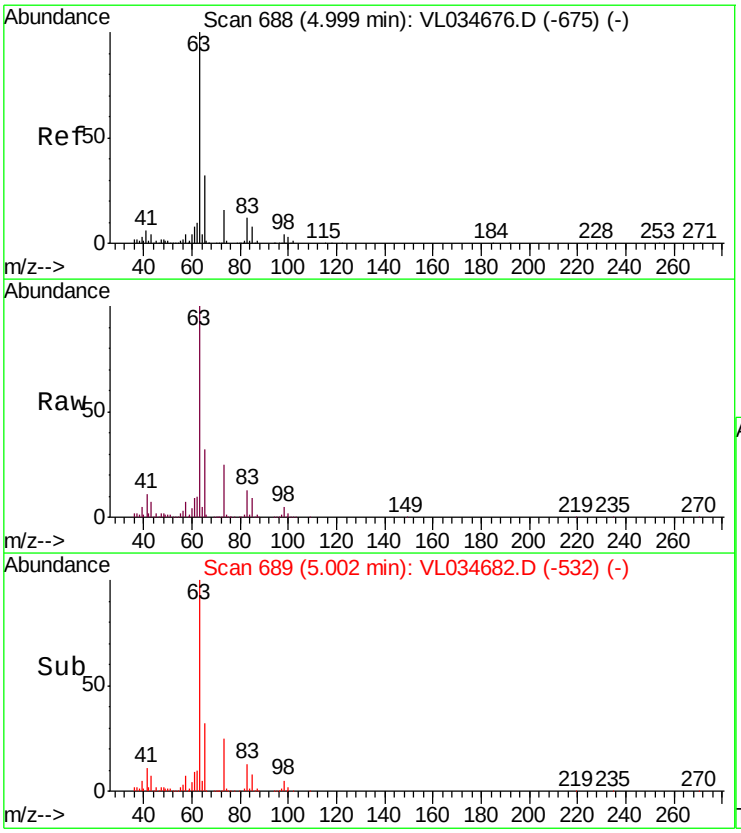
#23
Vinyl Acetate
Concen: 13.647 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2586218

Ion	Ratio	Lower	Upper
43	100		
86	7.7	6.0	9.0
42	10.9	8.0	12.0
44	5.4	4.5	6.7

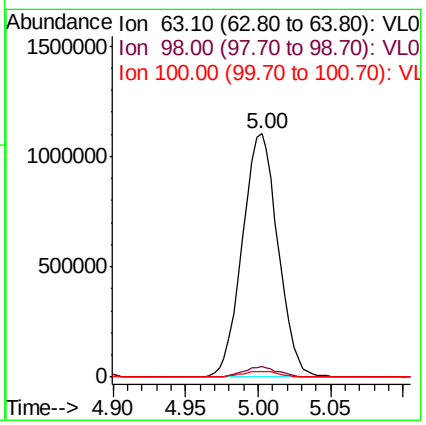


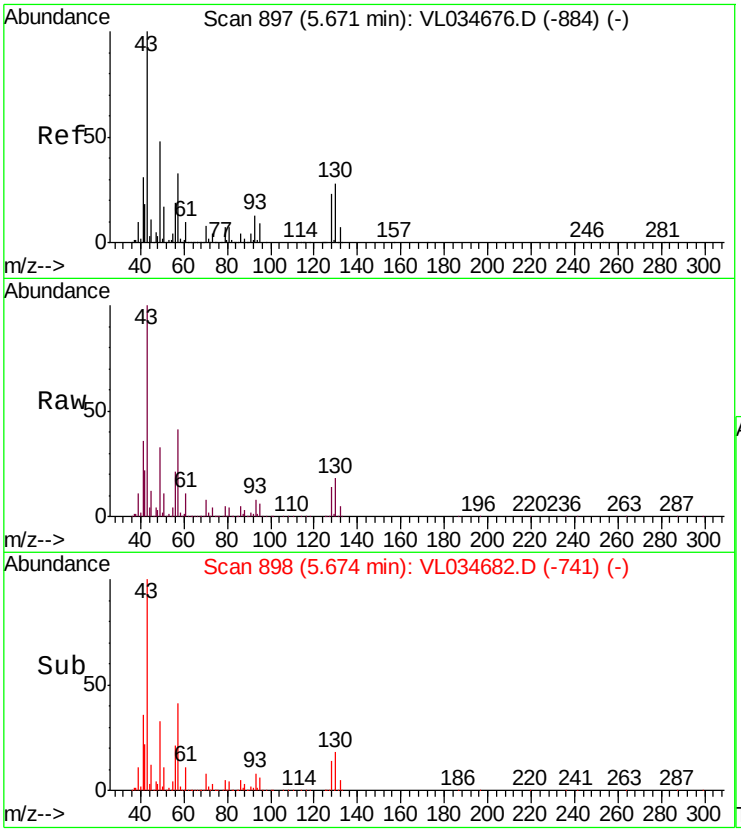


#24
1,1-Dichloroethane
Concen: 11.938 ppbv
RT: 5.00 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 63 Resp: 1885081

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.2	1.4	4.0



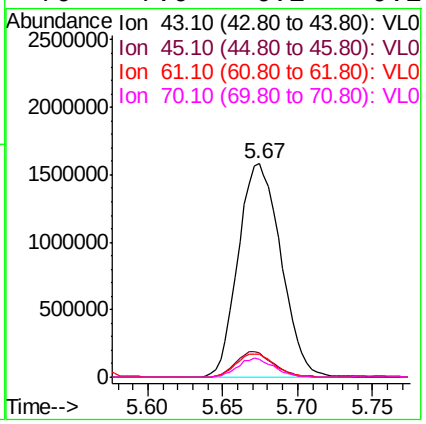


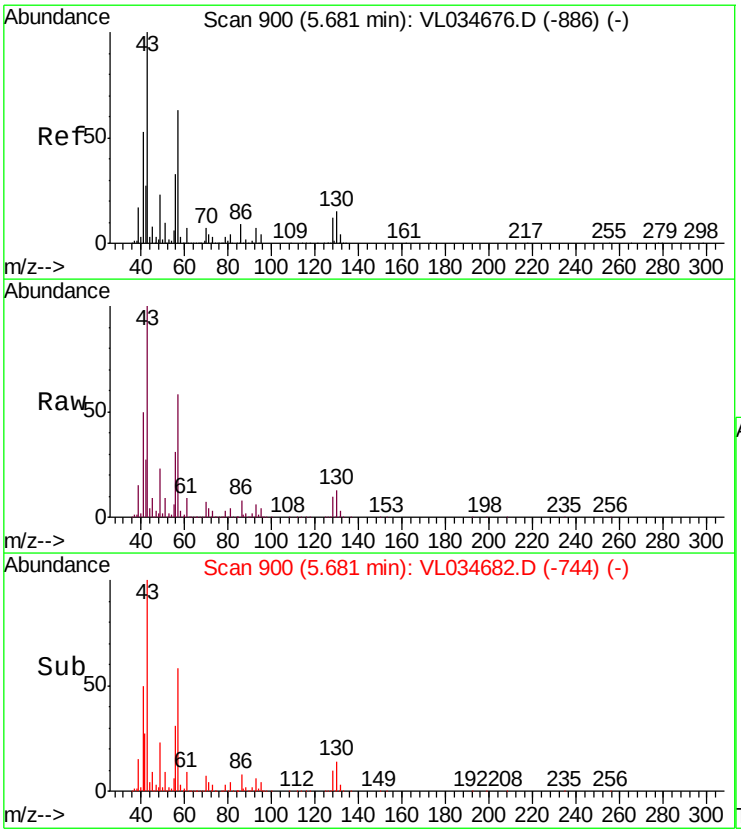
#25
Ethyl Acetate
Concen: 11.921 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3144928

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	10.1	7.8	11.6
70	7.6	6.1	9.1

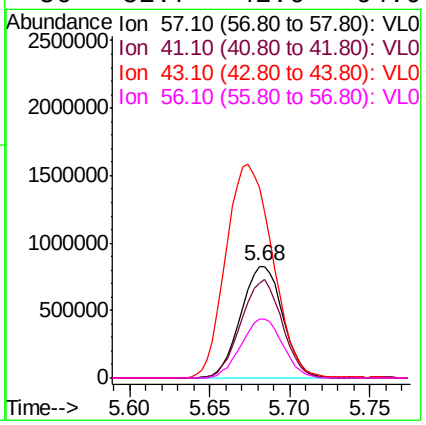


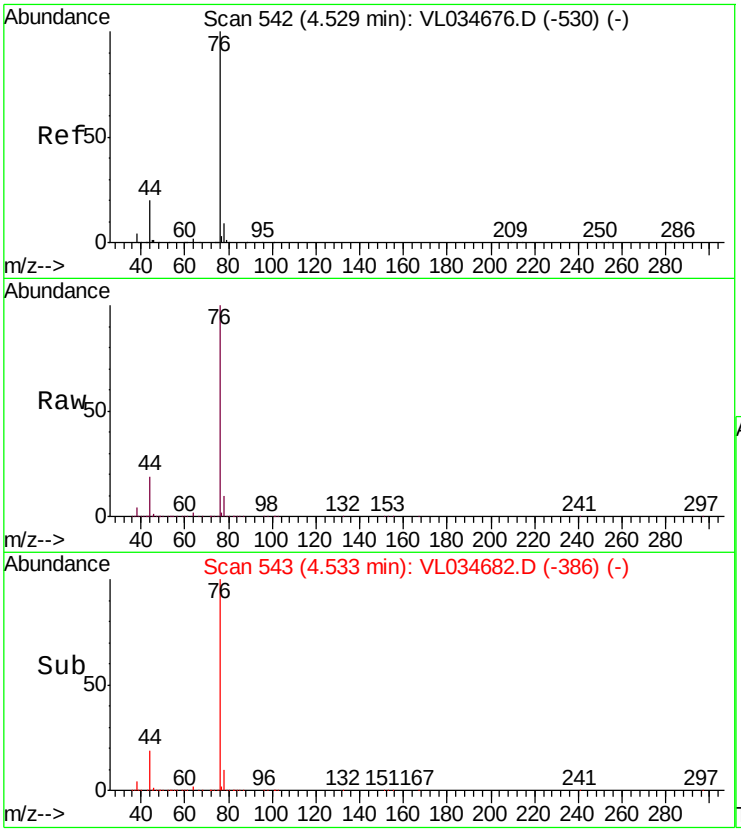


#26
Hexane
Concen: 12.623 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 57 Resp: 1478895

Ion	Ratio	Lower	Upper
57	100		
41	87.2	70.3	105.5
43	214.2	177.0	265.4
56	52.7	42.6	64.0



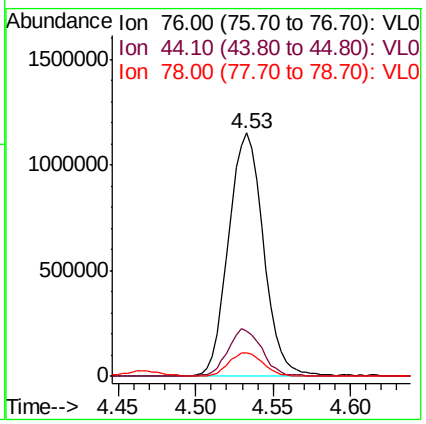


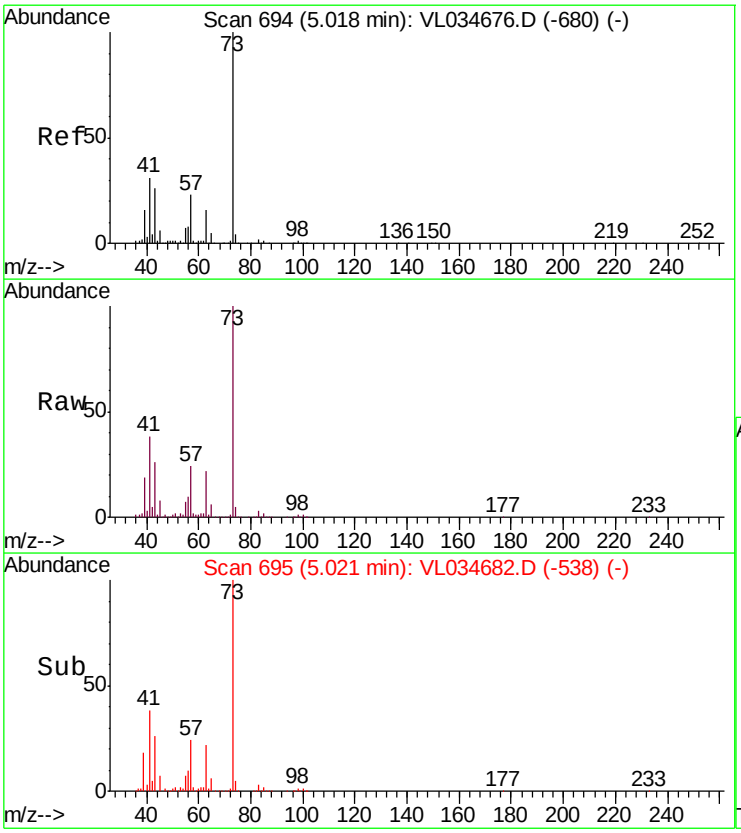
#27
Carbon Disulfide
Concen: 13.557 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1804459

Ion	Ratio	Lower	Upper
76	100		
44	19.1	15.3	22.9
78	9.8	7.6	11.4

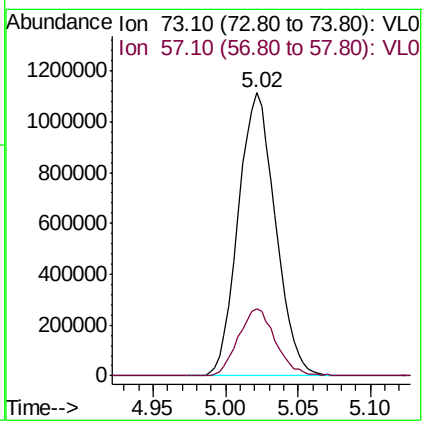


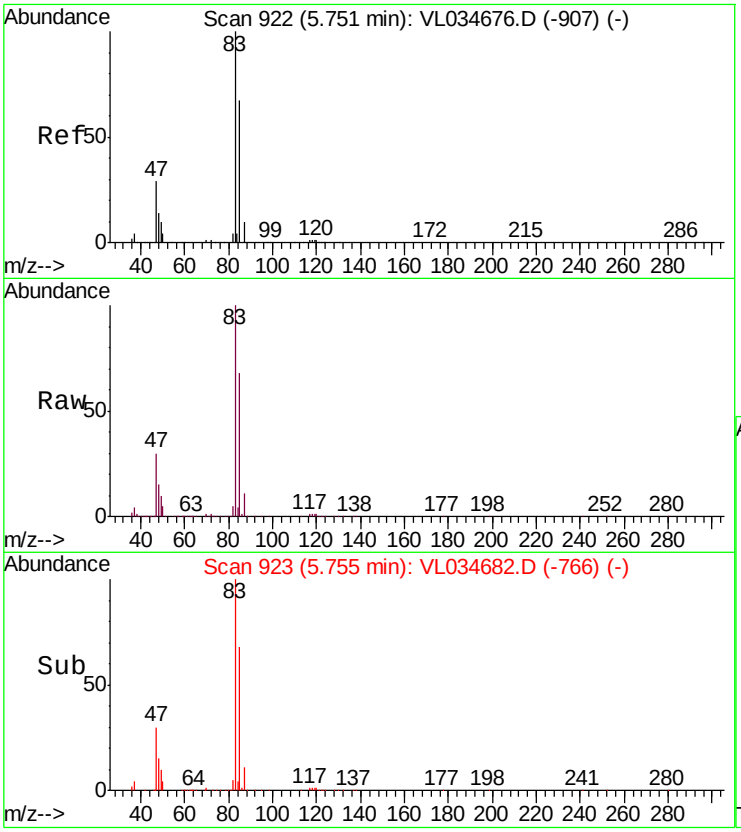


#28
Methyl tert-Butyl Ether
Concen: 11.773 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 73 Resp: 1991663

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.6	28.0



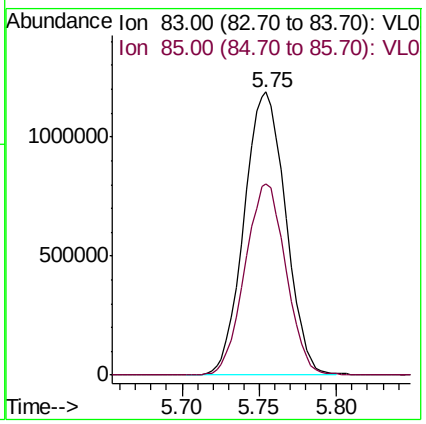


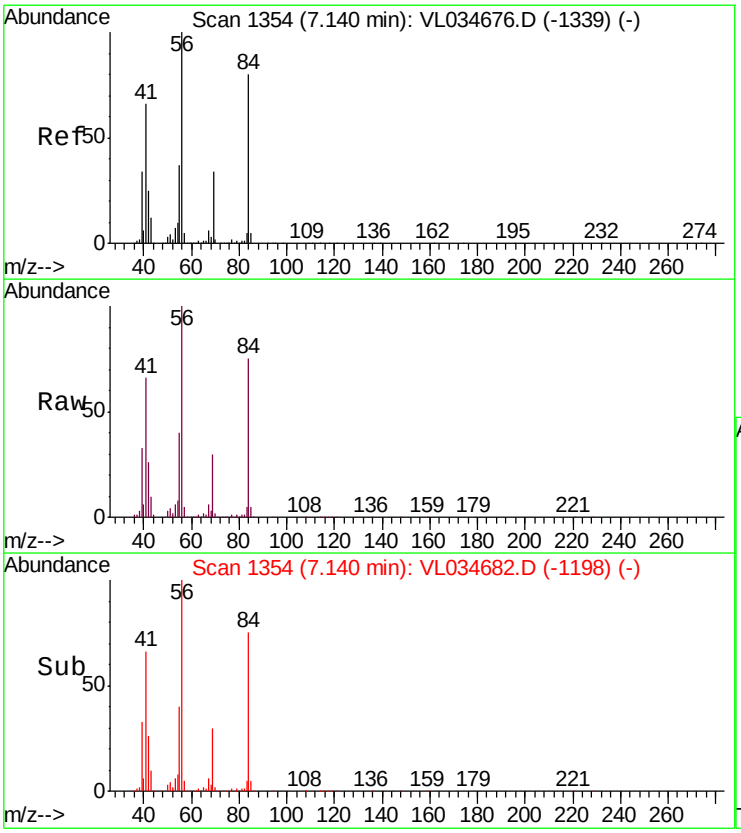
#29
Chloroform
Concen: 11.920 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2221939

Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.9	80.9

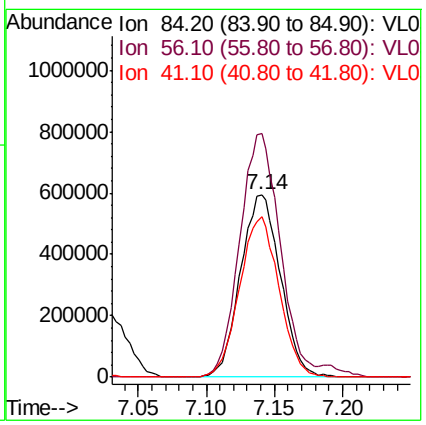


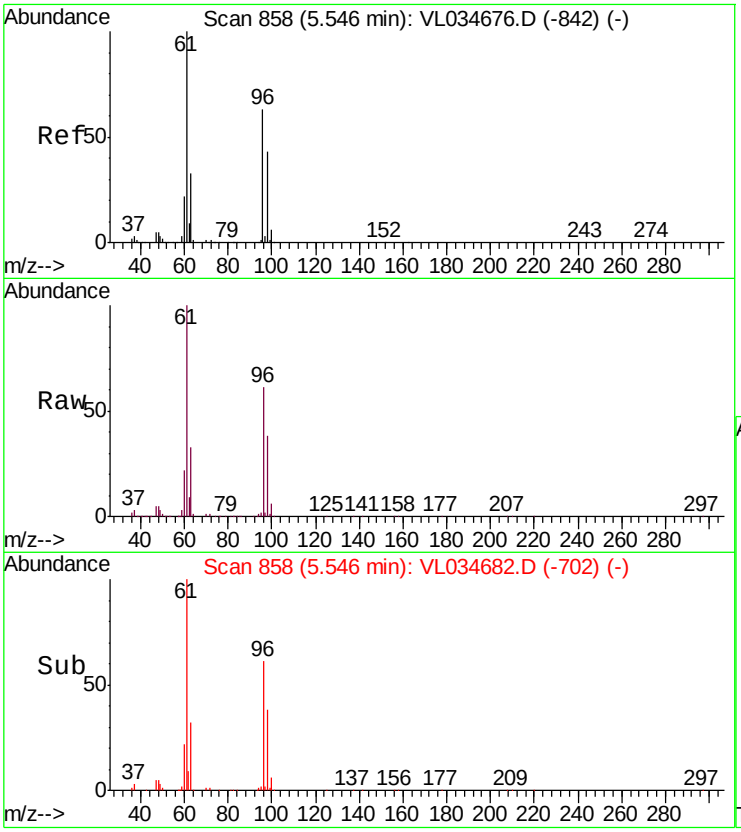


#30
Cyclohexane
Concen: 13.439 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 84 Resp: 1204965

Ion	Ratio	Lower	Upper
84	100		
56	139.5	113.4	170.2
41	87.1	68.2	102.4



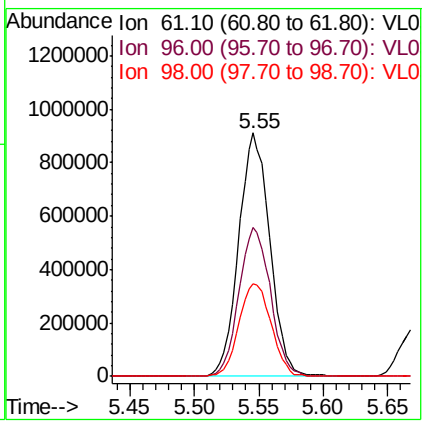


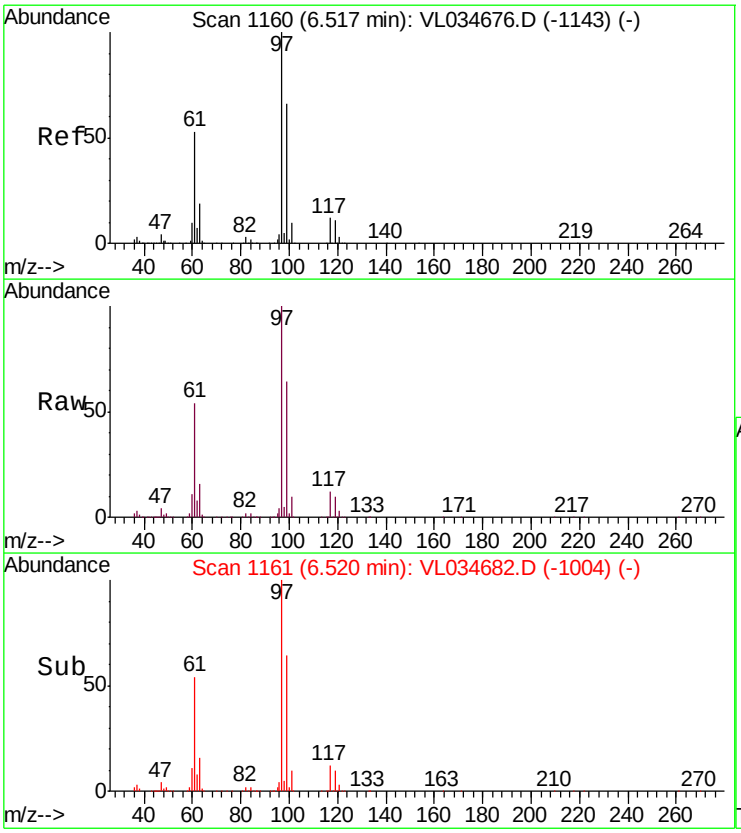
#31
cis-1,2-Dichloroethene
Concen: 13.484 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1531559

Ion	Ratio	Lower	Upper
61	100		
96	61.2	50.2	75.2
98	38.0	34.3	51.5

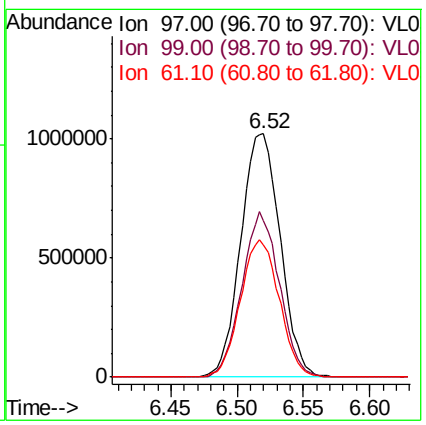


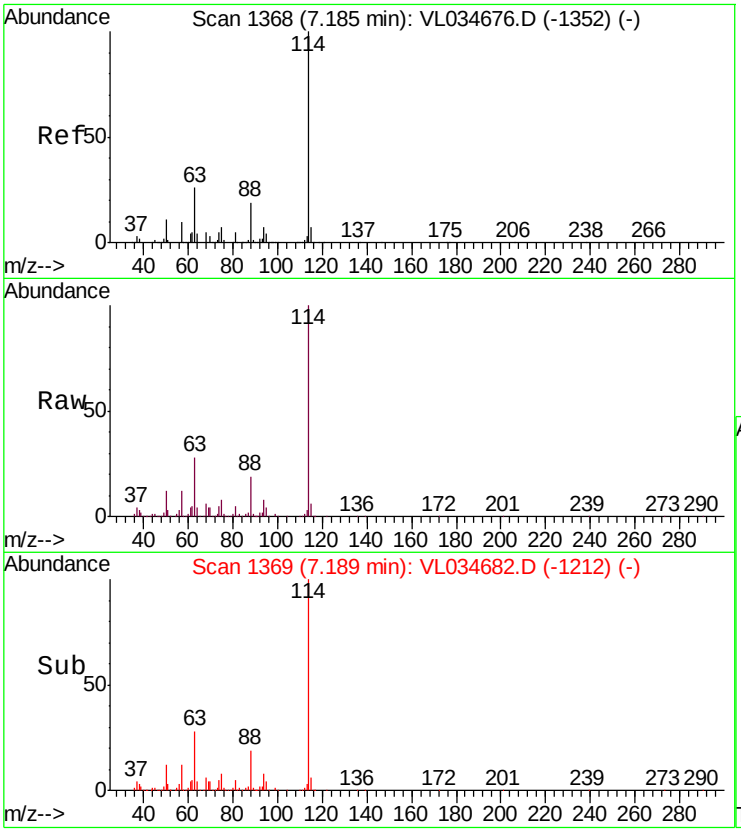


#32
1,1,1-Trichloroethane
Concen: 12.428 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 97 Resp: 2121886

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.3	78.5
61	55.7	42.8	64.2



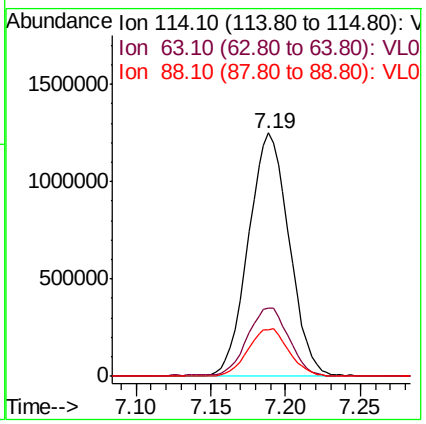


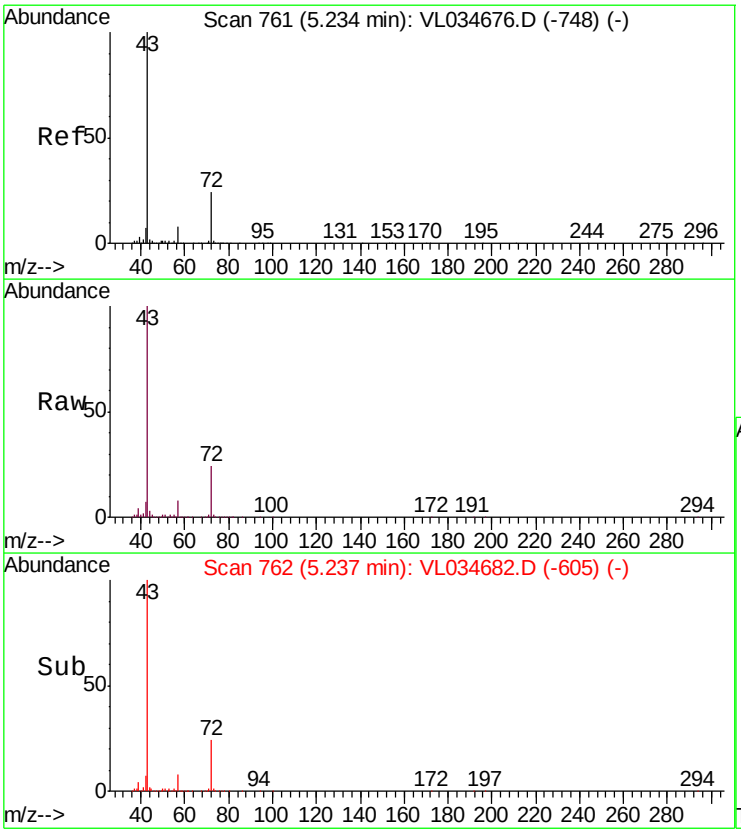
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 2371700

Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.9	34.3
88	19.6	15.8	23.6

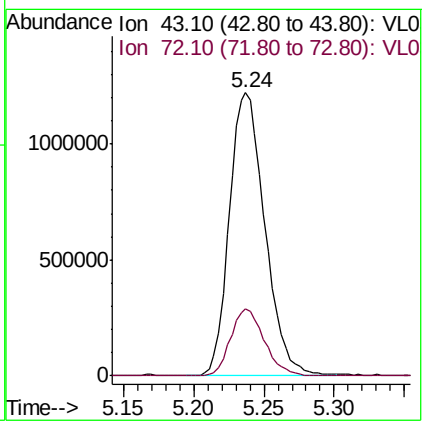


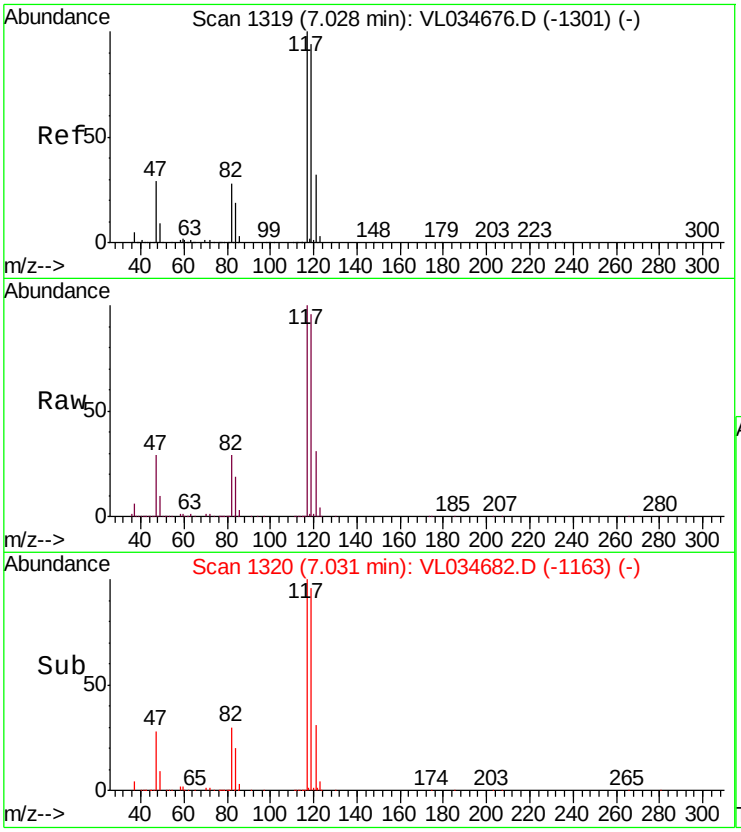


#34
2-Butanone
Concen: 12.754 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 43 Resp: 2144979

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.2	27.2



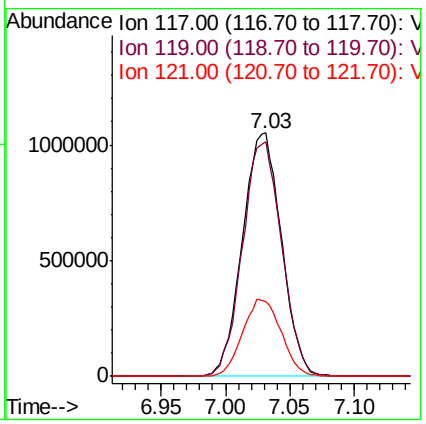


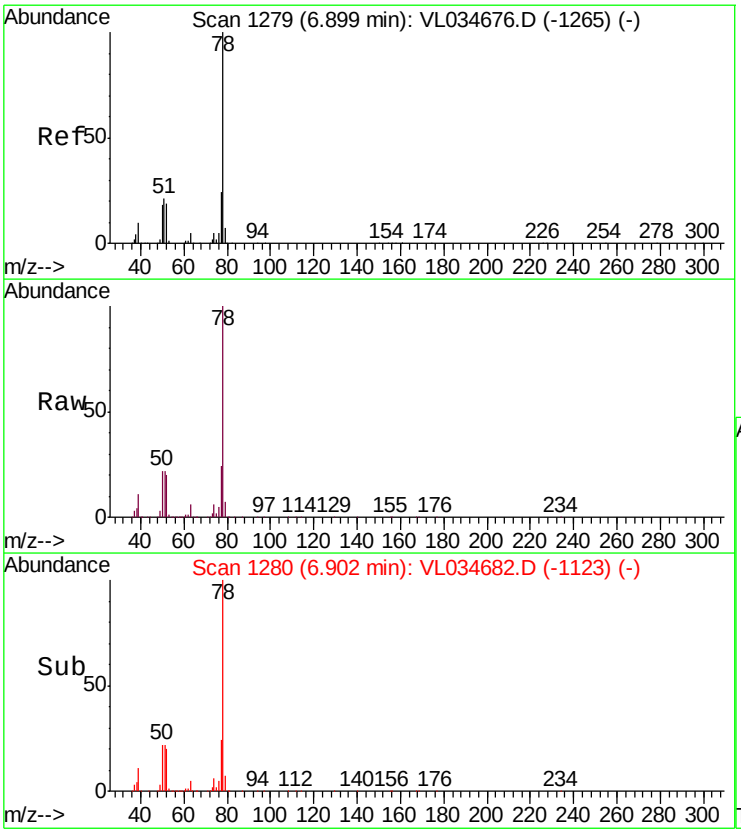
#35
Carbon Tetrachloride
Concen: 12.261 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 2214649

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.5	113.3
121	30.6	25.4	38.0

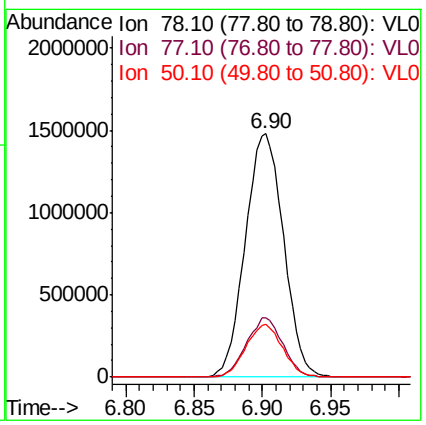


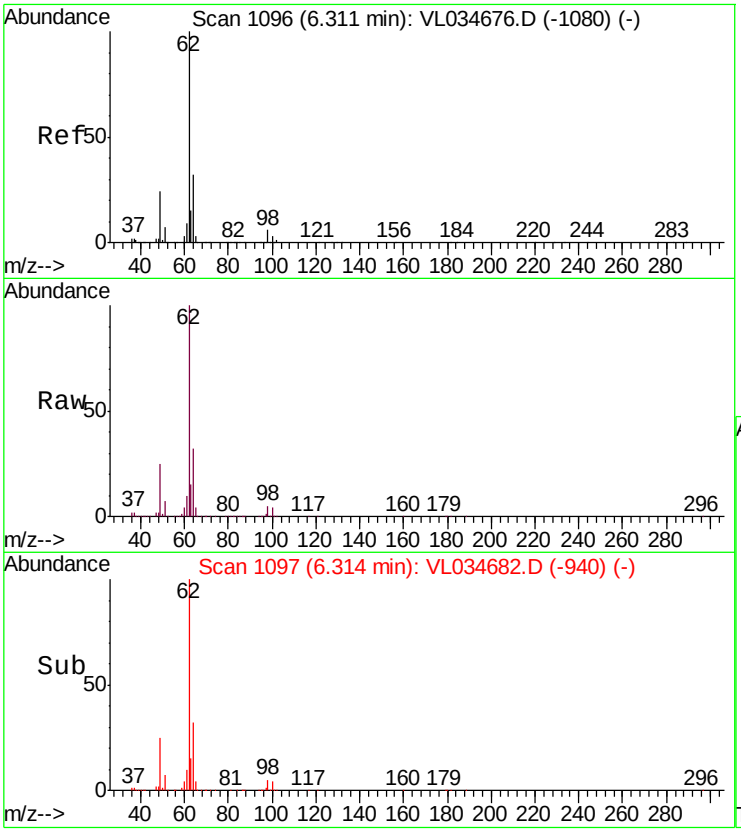


#36
Benzene
Concen: 12.884 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 78 Resp: 2879151

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3
50	21.9	14.6	21.8#



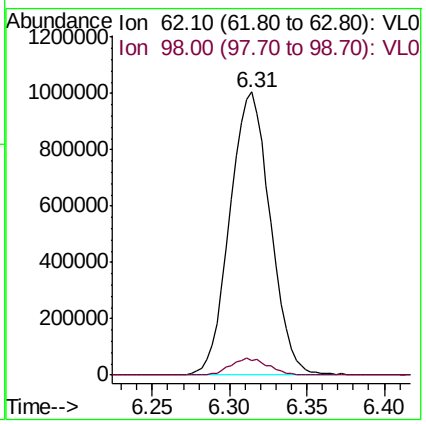


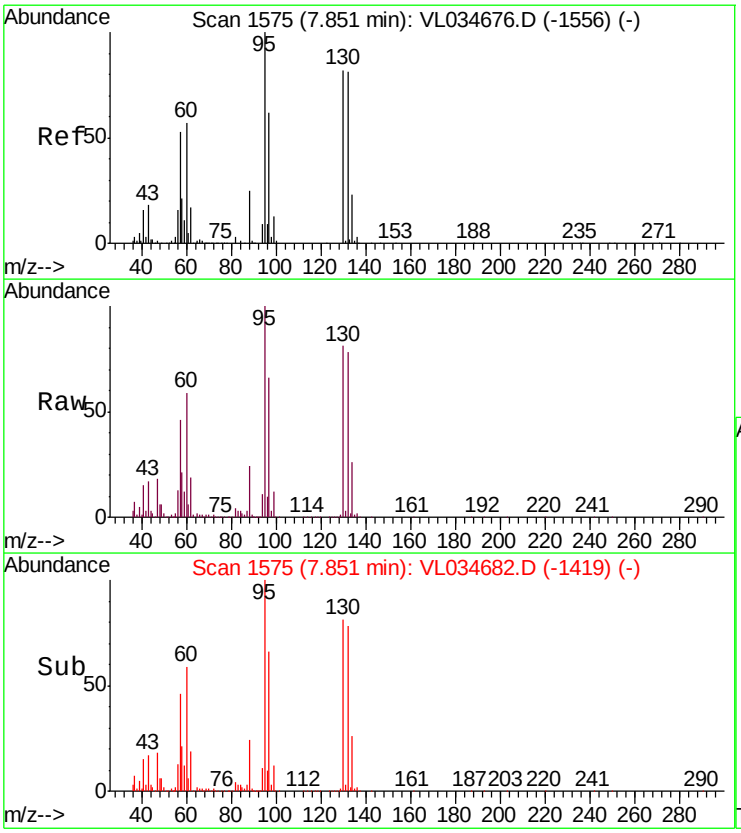
#37
1,2-Dichloroethane
Concen: 12.449 ppbv
RT: 6.31 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1820579

Ion	Ratio	Lower	Upper
62	100		
98	5.7	4.7	7.1

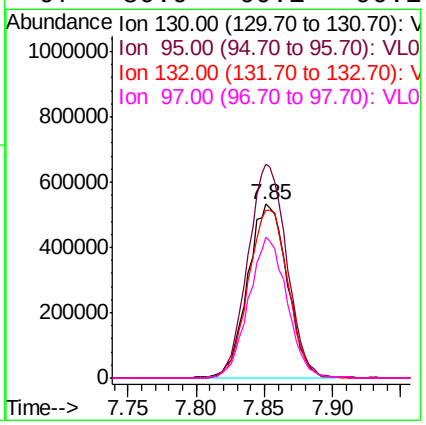


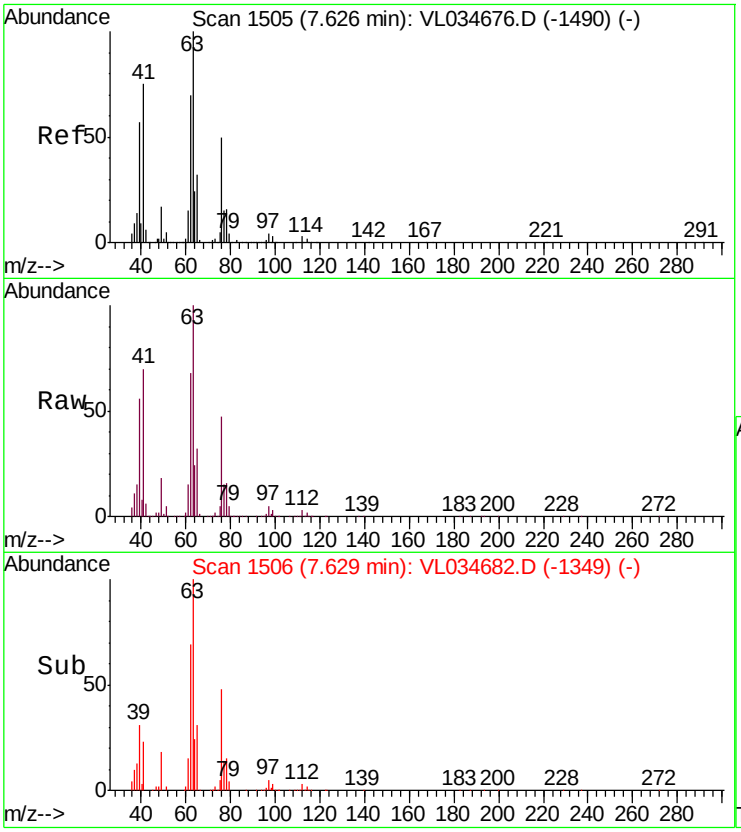


#38
Trichloroethene
Concen: 12.551 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:130 Resp: 1064686

Ion	Ratio	Lower	Upper
130	100		
95	123.2	97.1	145.7
132	96.7	78.3	117.5
97	80.9	60.1	90.1



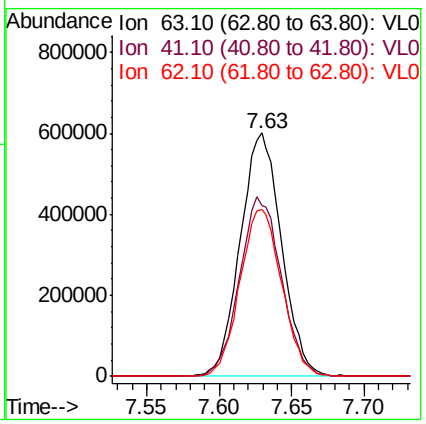


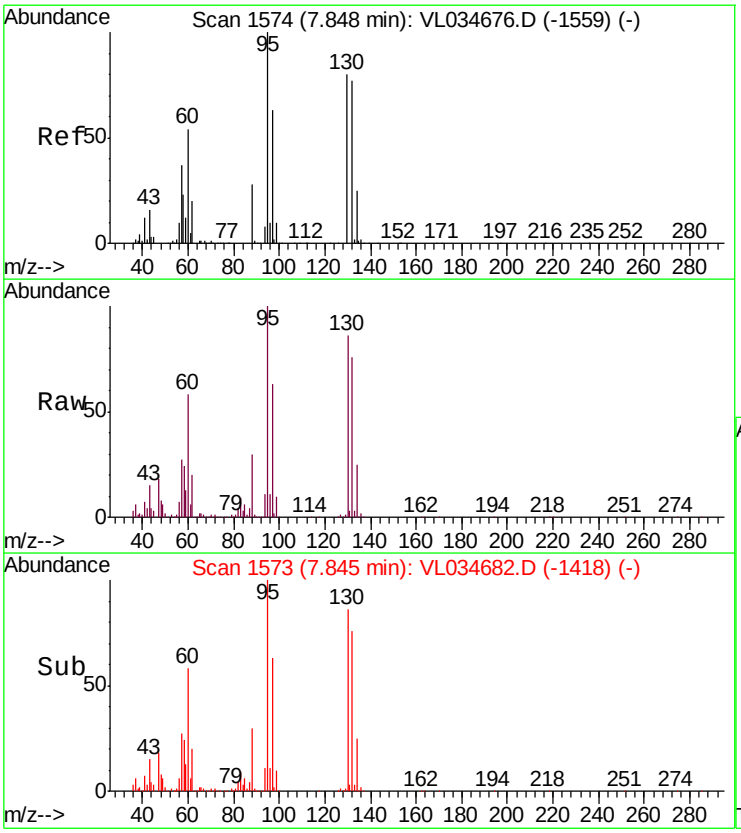
#39
1,2-Dichloropropane
Concen: 12.925 ppbv
RT: 7.63 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1188651

Ion	Ratio	Lower	Upper
63	100		
41	70.1	60.2	90.4
62	68.4	56.3	84.5

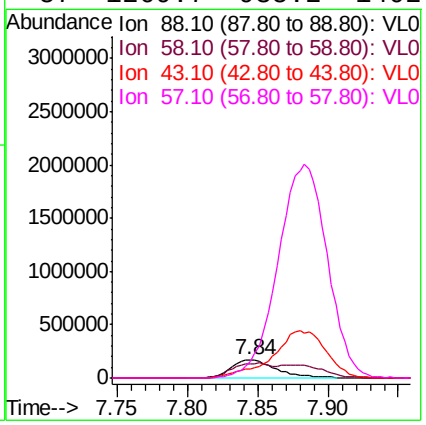


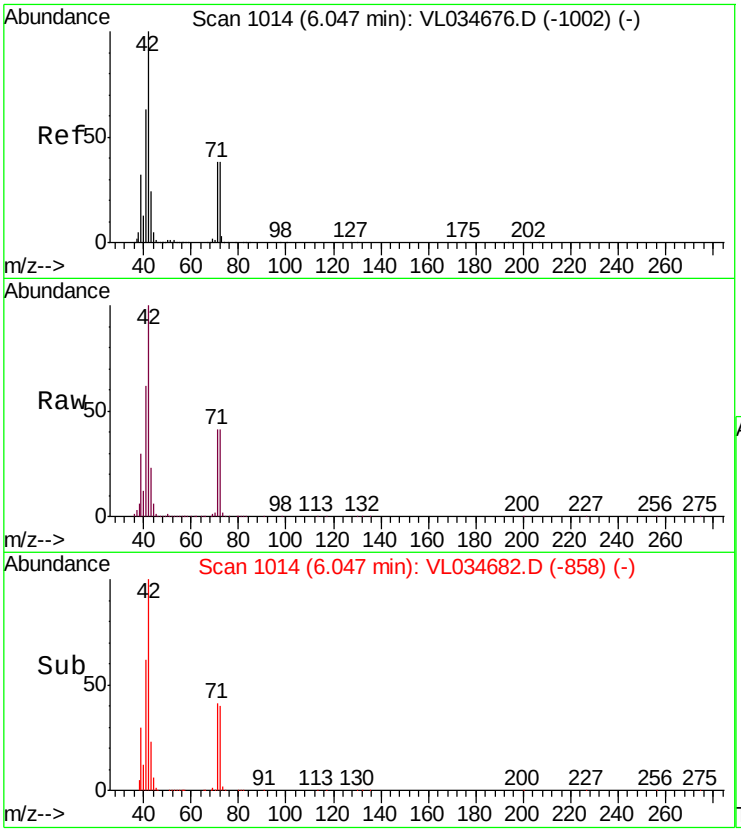


#40
1,4-Dioxane
Concen: 11.219 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 88 Resp: 385382

Ion	Ratio	Lower	Upper
88	100		
58	141.4	104.6	156.8
43	303.1	212.9	319.3
57	1269.7	935.2	1402.8



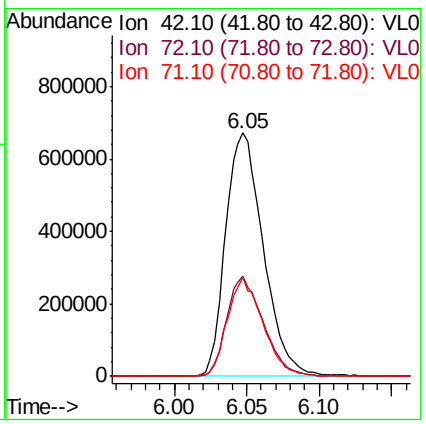


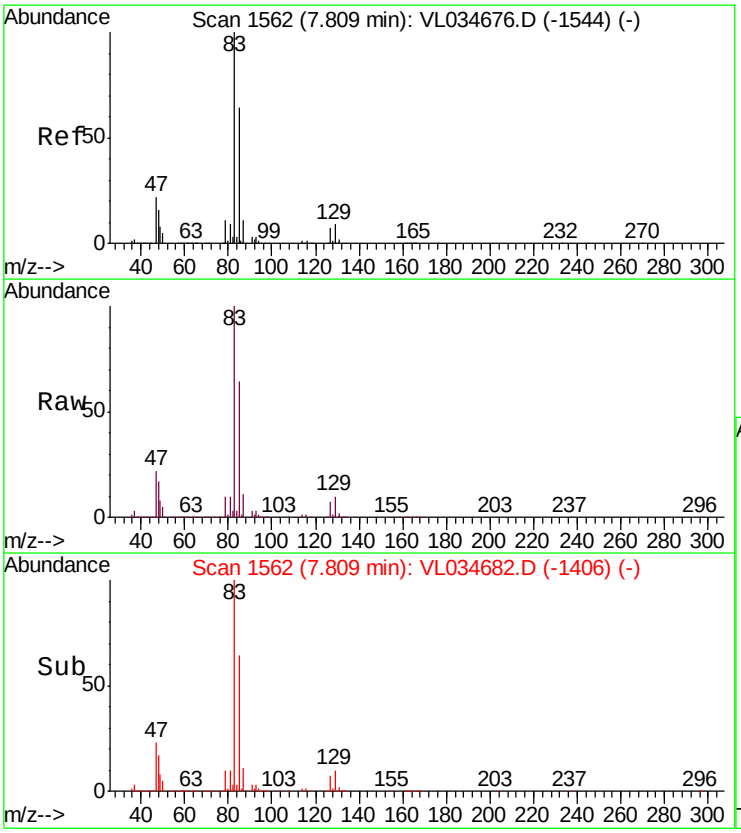
#41
Tetrahydrofuran
Concen: 13.769 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 42 Resp: 1211925

Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.7	47.5
71	38.5	30.7	46.1

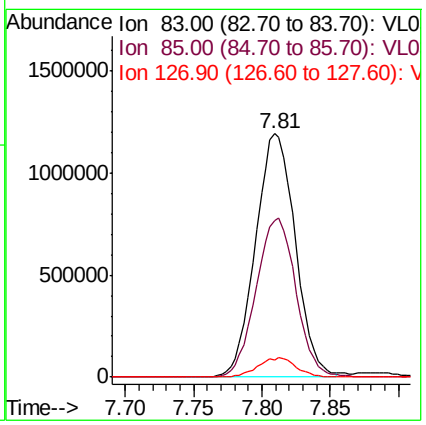


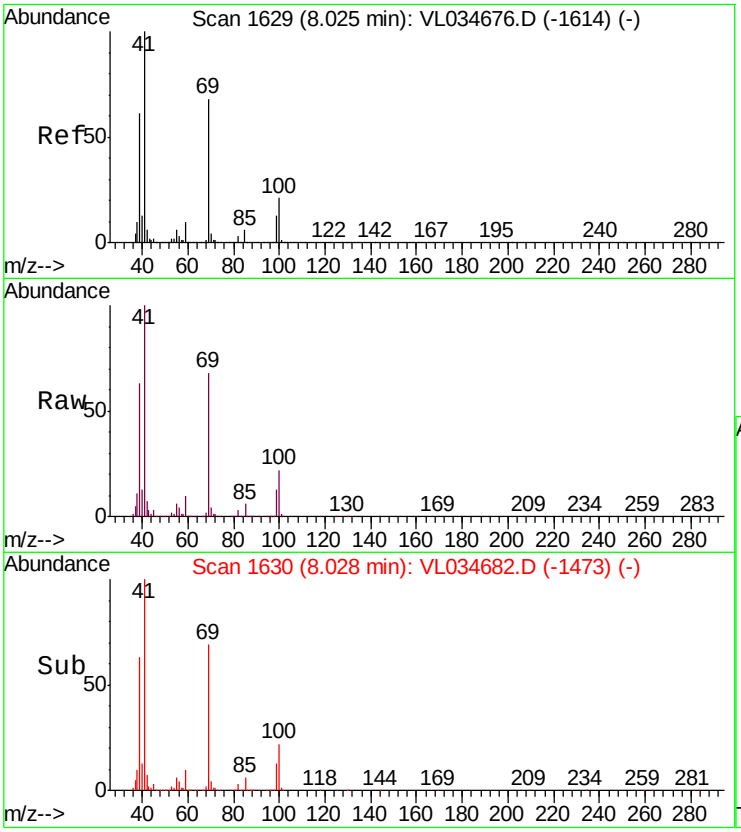


#42
Bromodichloromethane
Concen: 12.729 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 83 Resp: 2414726

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.1	76.7
127	7.2	5.8	8.8



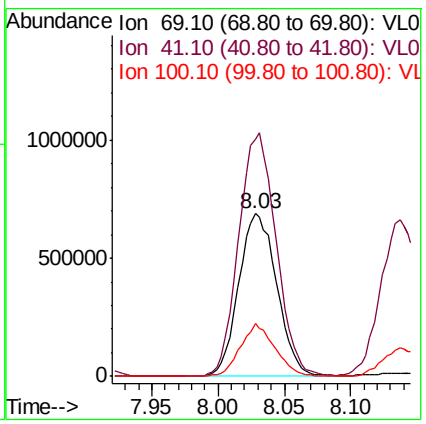


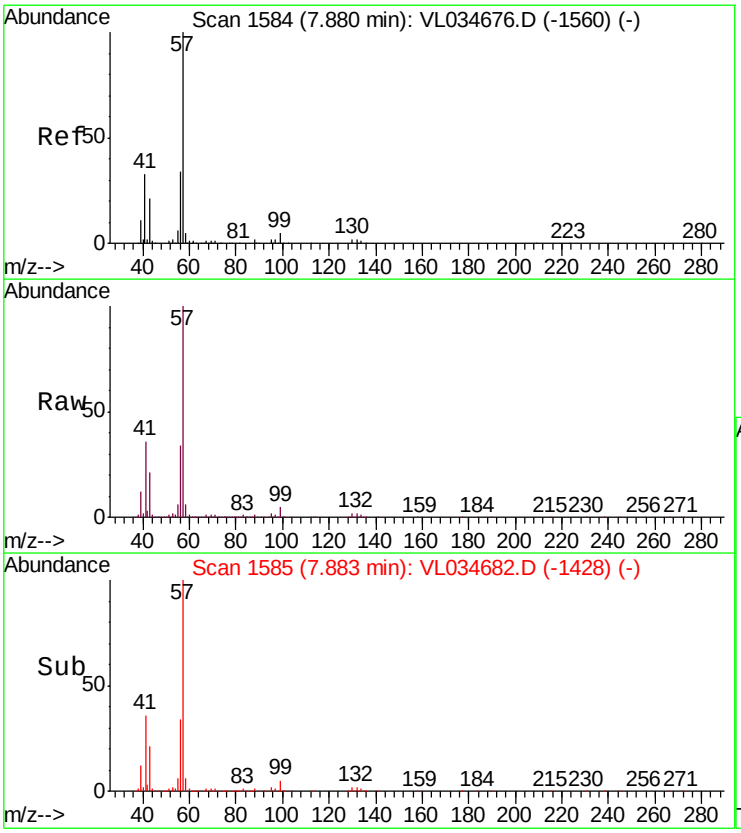
#43
Methyl Methacrylate
Concen: 15.683 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 1373862

Ion	Ratio	Lower	Upper
69	100		
41	147.2	118.2	177.2
100	29.3	24.2	36.2

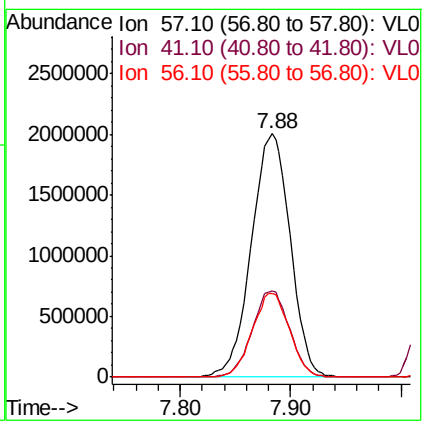


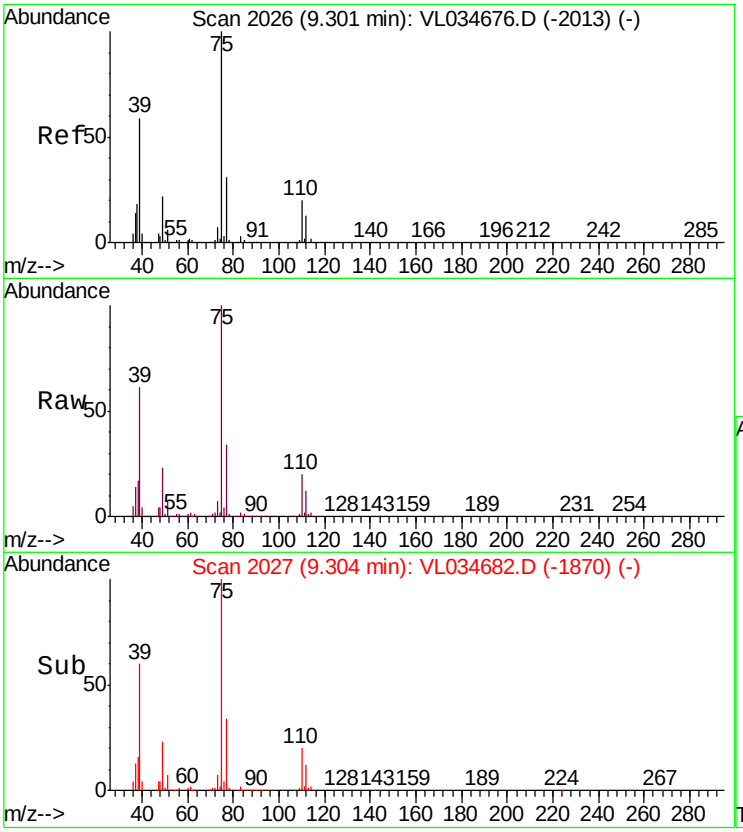


#44
2,2,4-Trimethylpentane
Concen: 12.162 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 57 Resp: 4885884

Ion	Ratio	Lower	Upper
57	100		
41	34.2	26.0	39.0
56	33.0	25.6	38.4



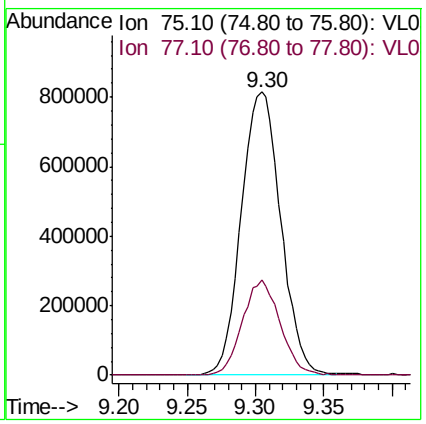


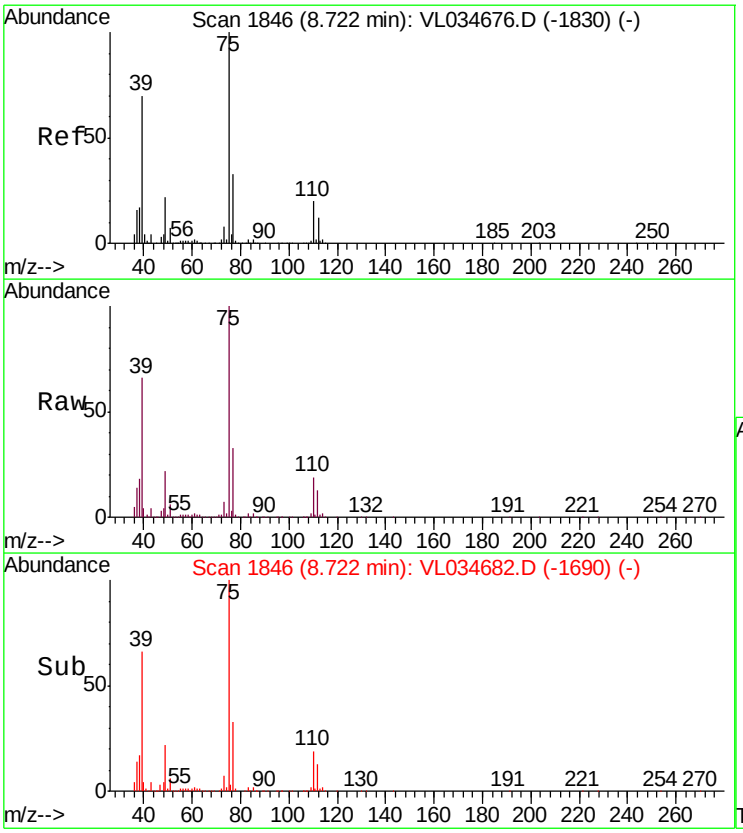
#45
t-1,3-Dichloropropene
Concen: 16.000 ppbv
RT: 9.30 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1640611

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.3	37.9

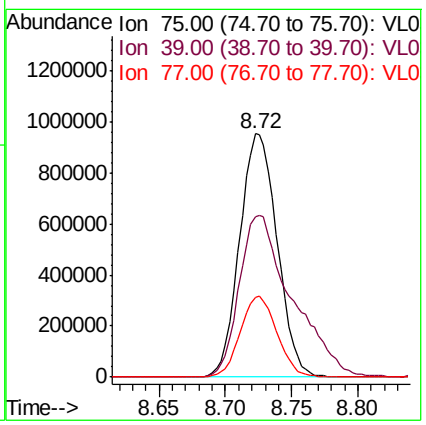


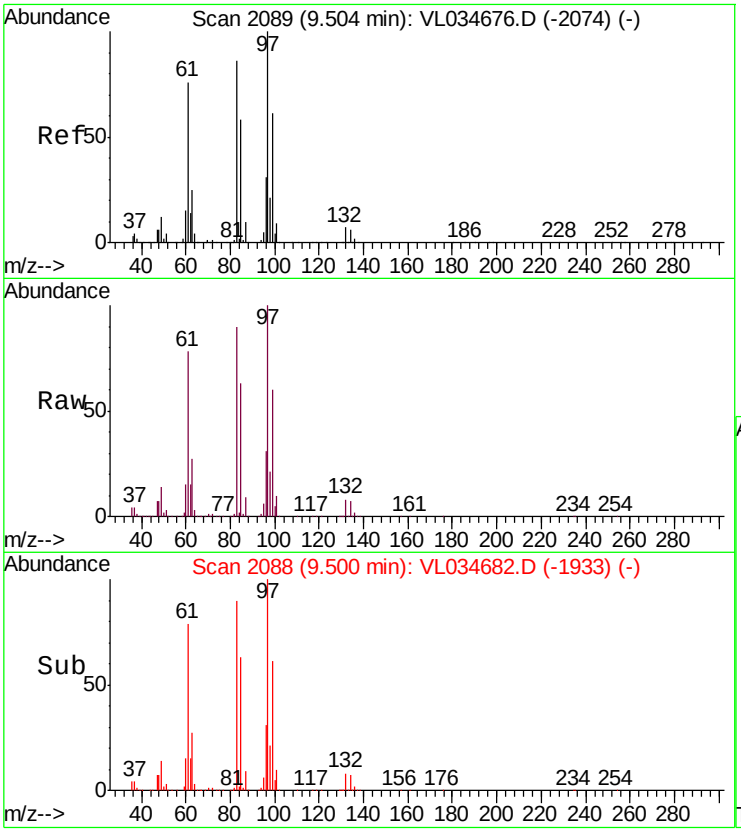


#46
cis-1,3-Dichloropropene
Concen: 15.633 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 75 Resp: 1874985

Ion	Ratio	Lower	Upper
75	100		
39	65.7	55.7	83.5
77	32.8	26.3	39.5



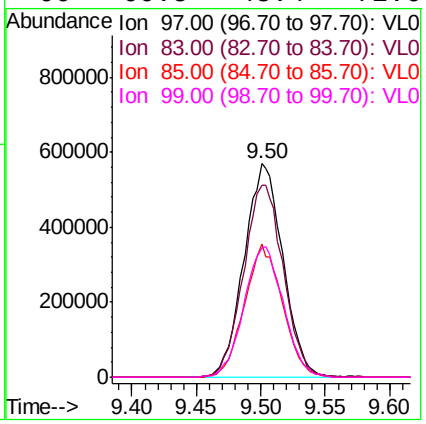


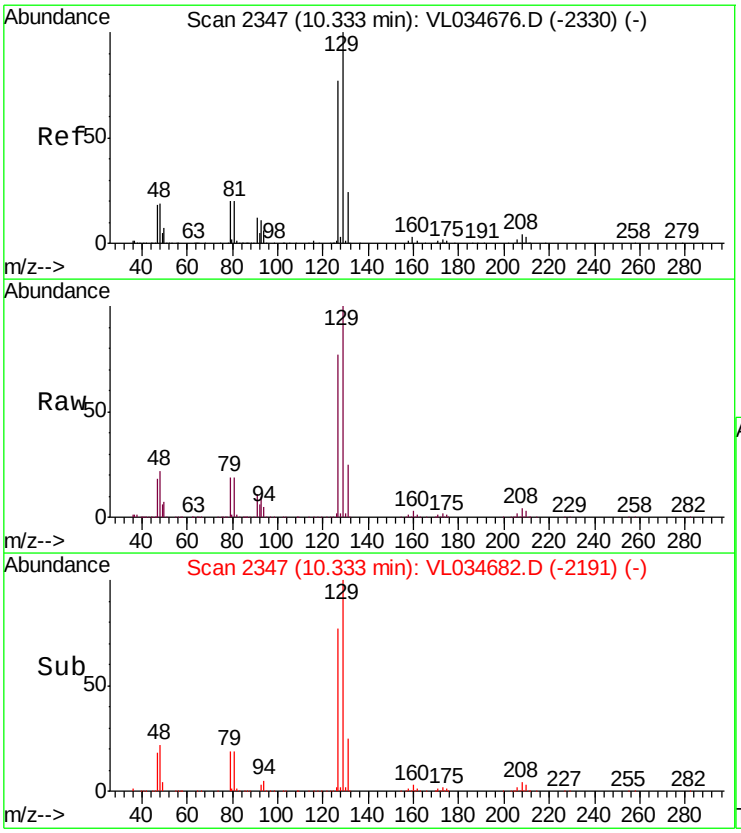
#47
1,1,2-Trichloroethane
Concen: 12.313 ppbv
RT: 9.50 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1196517

Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.4	104.0
85	62.5	46.4	69.6
99	60.5	48.4	72.6

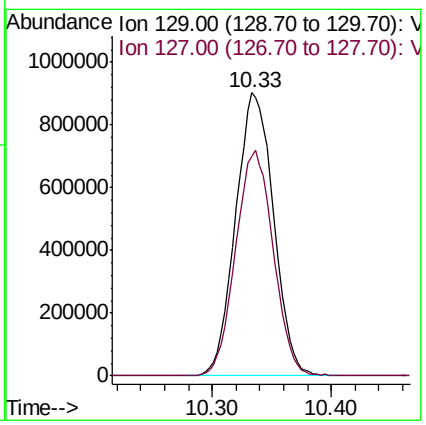


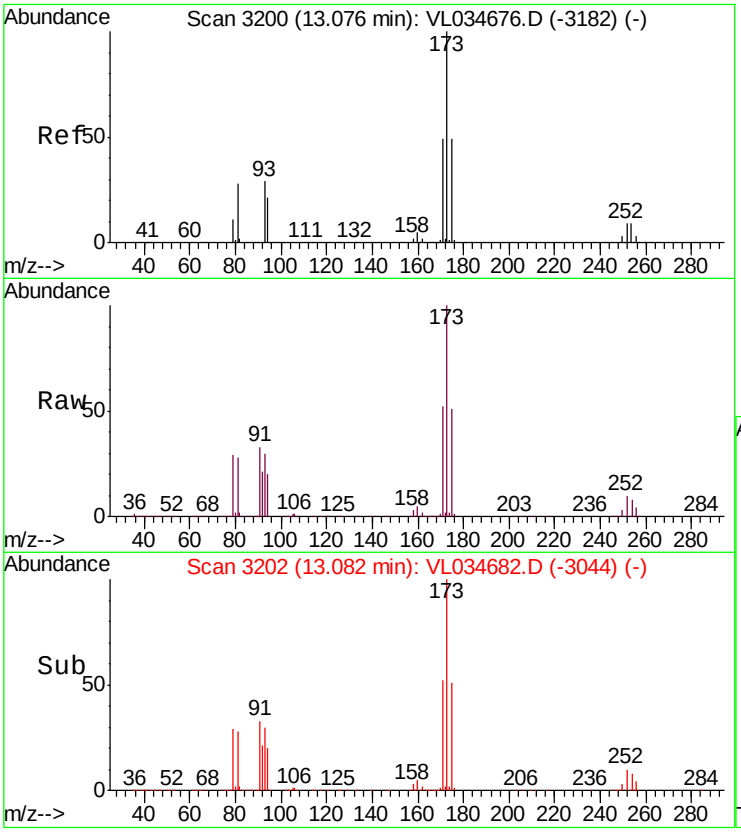


#48
Dibromochloromethane
Concen: 13.364 ppbv
RT: 10.33 min Scan# 2347
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:129 Resp: 1993864

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.3	117.8



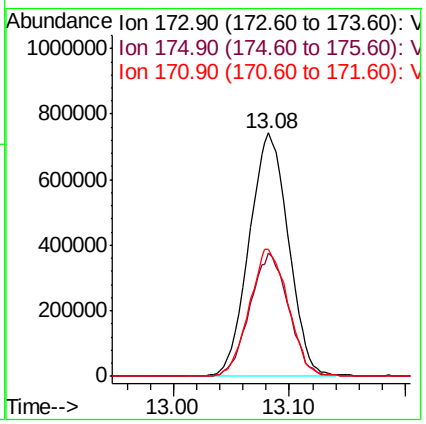


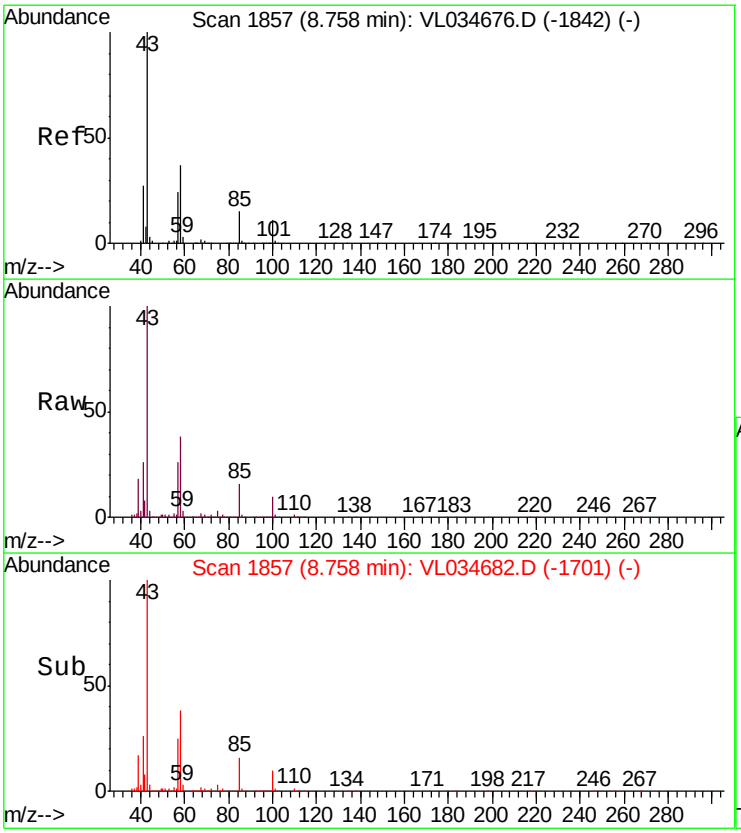
#49
Bromoform
Concen: 13.394 ppbv
RT: 13.08 min Scan# 3202
Delta R.T. 0.01 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:173 Resp: 1747412

Ion	Ratio	Lower	Upper
173	100		
175	49.8	38.6	58.0
171	51.9	41.5	62.3

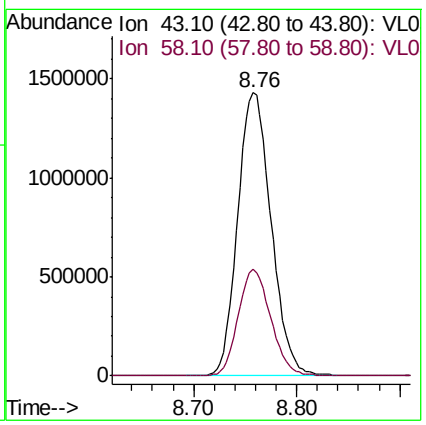


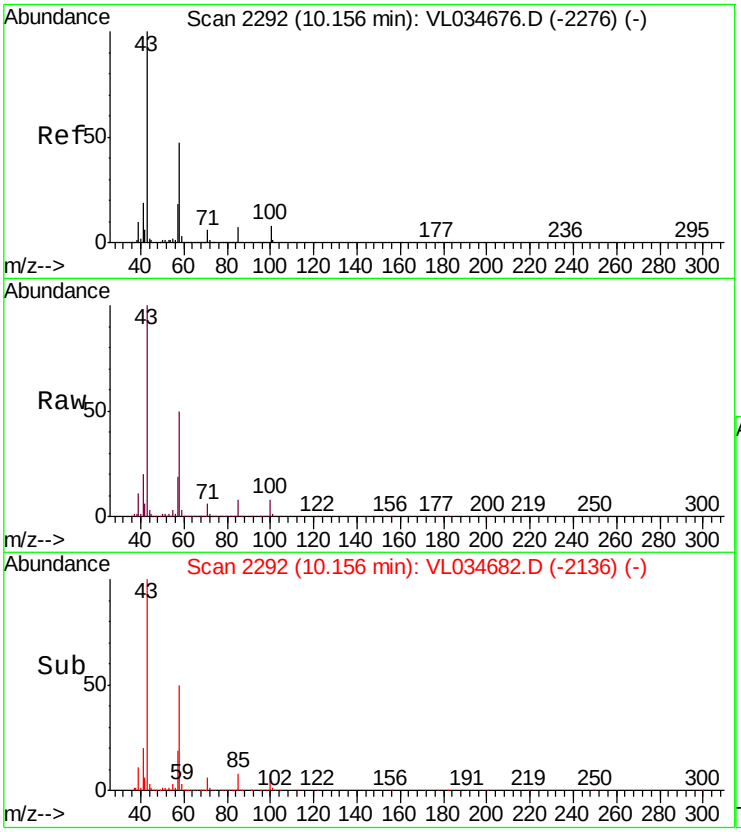


#50
4-Methyl-2-Pentanone
Concen: 13.523 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 43 Resp: 3229899

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.0	43.6



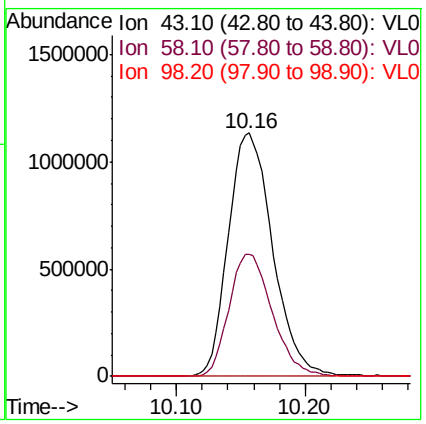


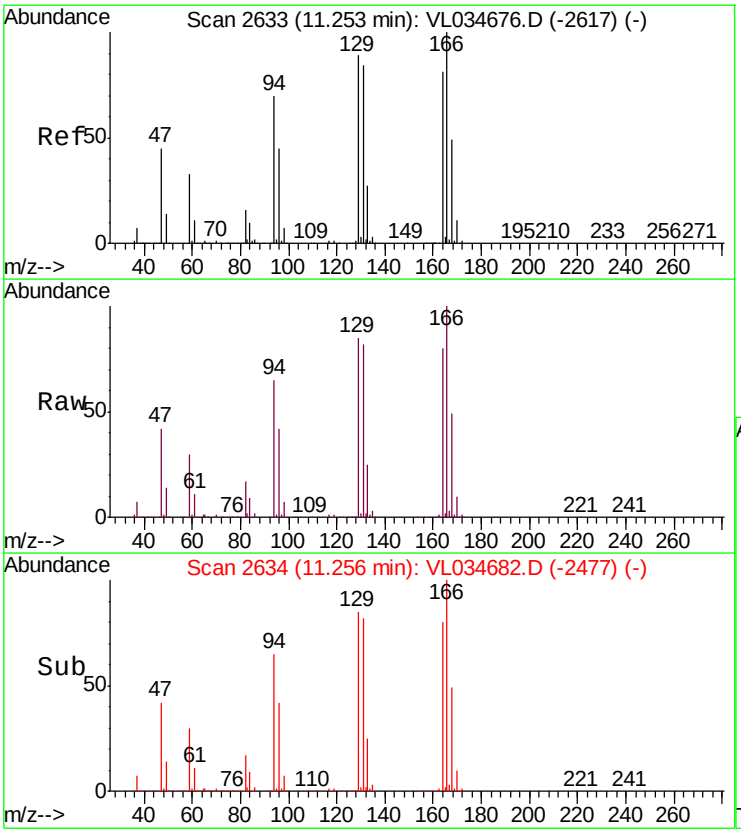
#51
2-Hexanone
Concen: 14.359 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2705485

Ion	Ratio	Lower	Upper
43	100		
58	49.4	39.4	59.0
98	0.3	0.2	0.2#

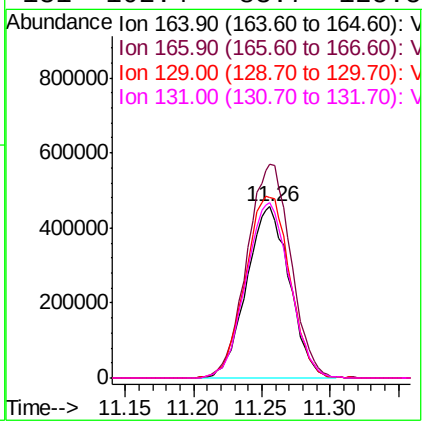


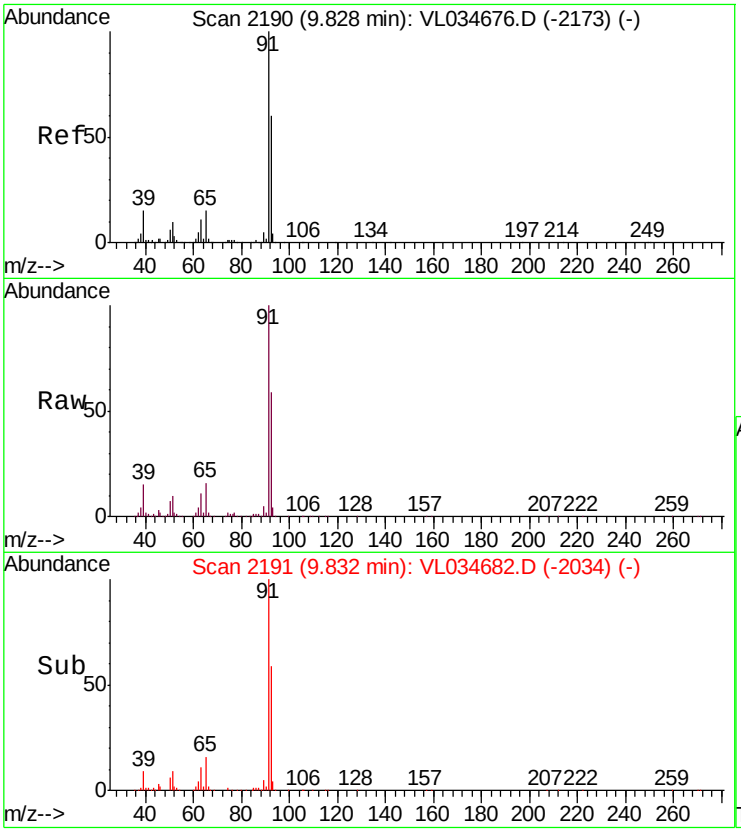


#52
Tetrachloroethene
Concen: 12.605 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:164 Resp: 993933

Ion	Ratio	Lower	Upper
164	100		
166	124.6	99.2	148.8
129	105.7	88.0	132.0
131	102.4	83.7	125.5



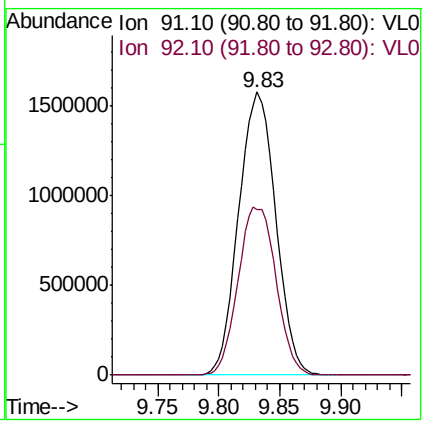


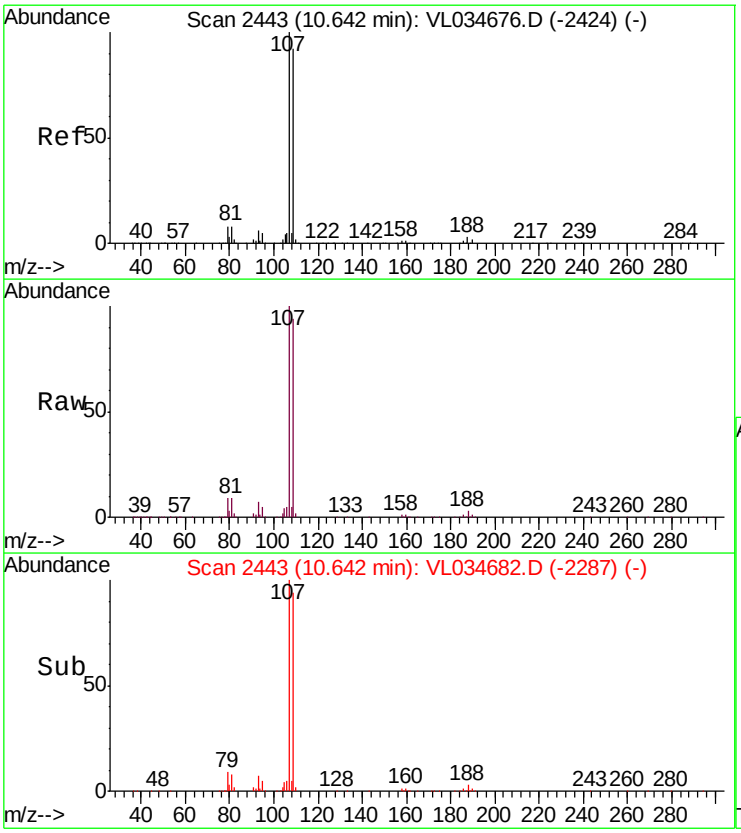
#53
Toluene
Concen: 13.808 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 3318515

Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.5	72.7

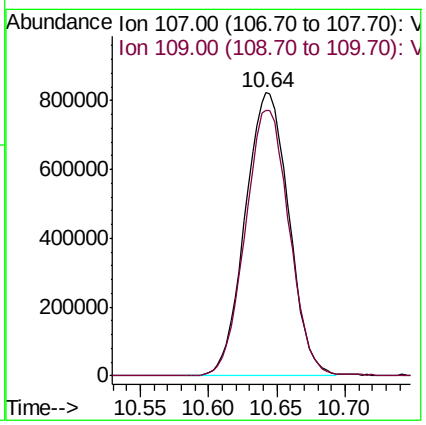


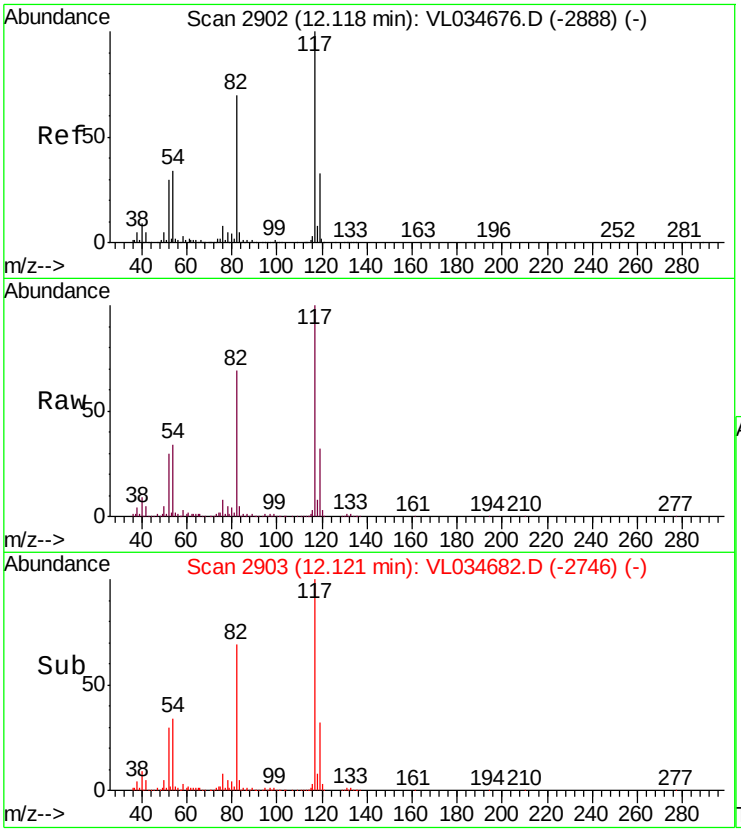


#54
1,2-Dibromoethane
Concen: 13.523 ppbv
RT: 10.64 min Scan# 2443
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:107 Resp: 1830471

Ion	Ratio	Lower	Upper
107	100		
109	93.9	73.9	110.9



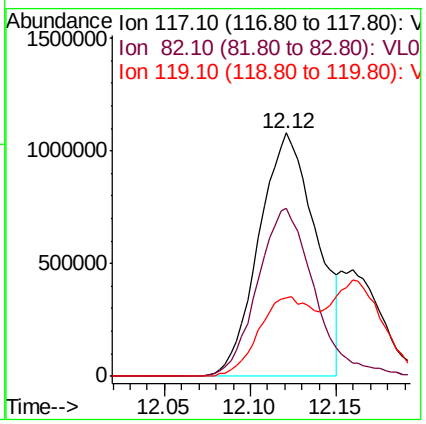


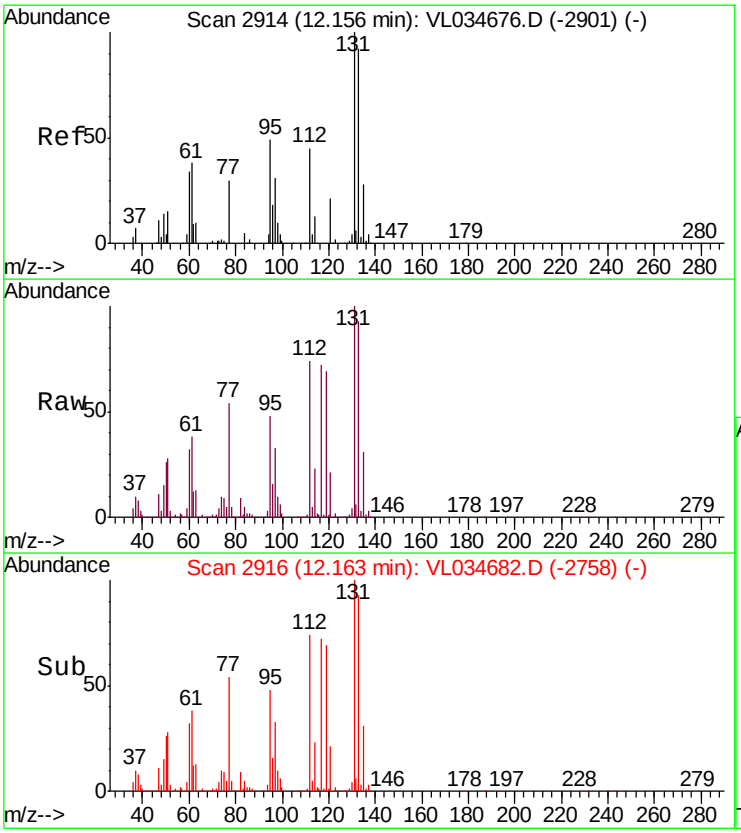
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2501020

Ion	Ratio	Lower	Upper
117	100		
82	69.0	54.1	81.1
119	33.8	27.6	41.4

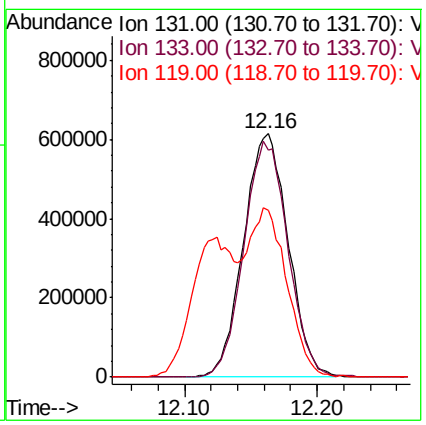


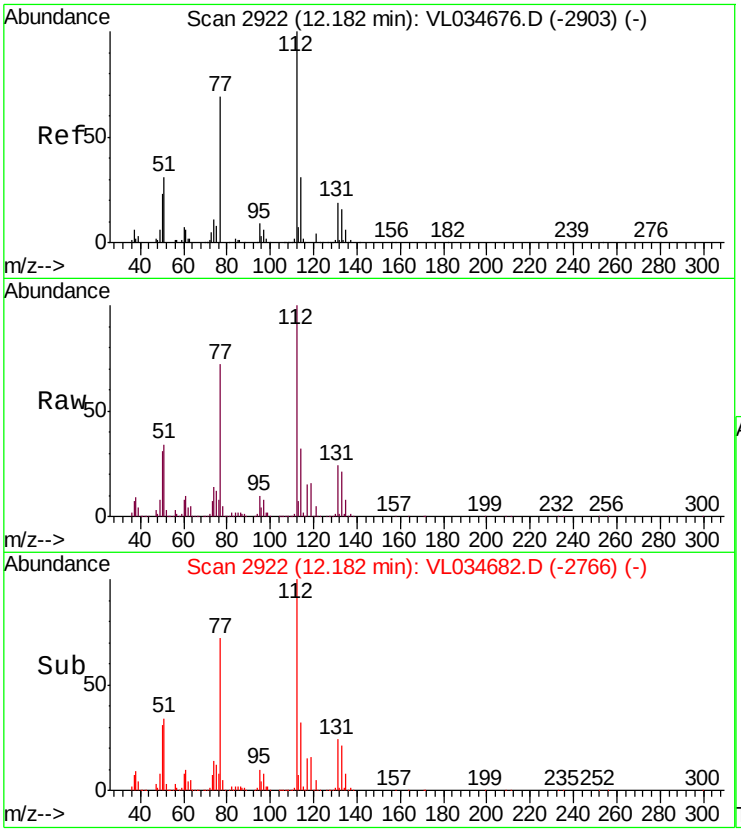


#56
1,1,1,2-Tetrachloroethane
Concen: 13.137 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. 0.01 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:131 Resp: 1436665

Ion	Ratio	Lower	Upper
131	100		
133	95.8	76.6	114.8
119	63.0	51.3	76.9



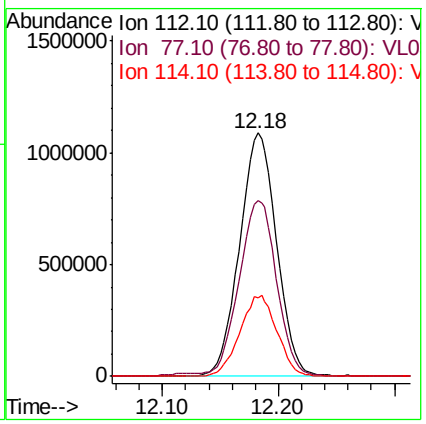


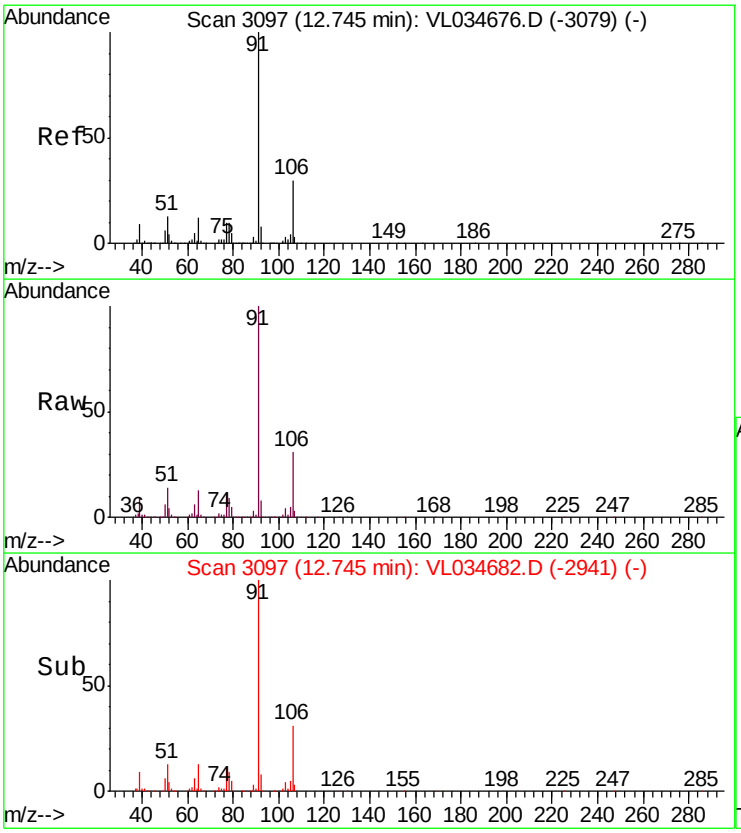
#57
Chlorobenzene
Concen: 11.698 ppbv
RT: 12.18 min Scan# 2922
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:112 Resp: 2417785

Ion	Ratio	Lower	Upper
112	100		
77	72.2	56.5	84.7
114	32.1	28.1	34.3

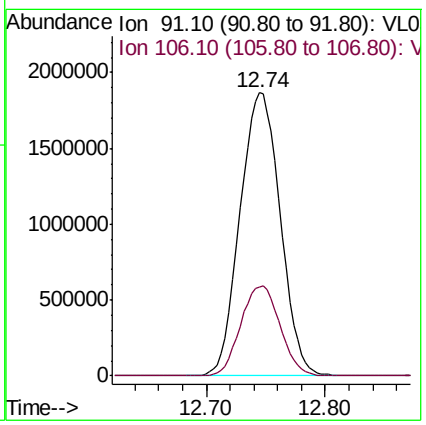


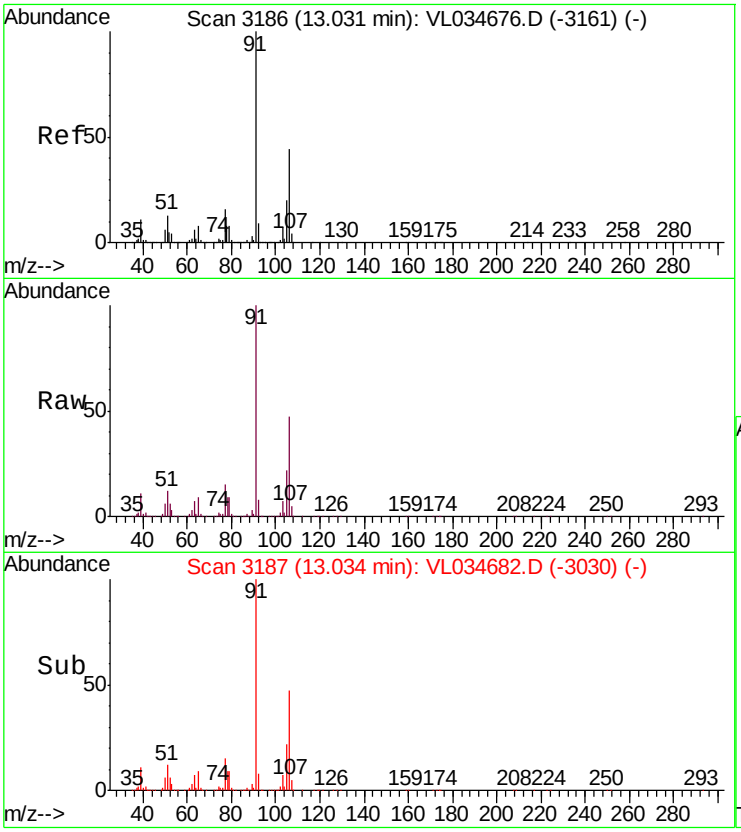


#58
Ethyl Benzene
Concen: 13.125 ppbv
RT: 12.74 min Scan# 3097
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 91 Resp: 4367156

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.0	36.0



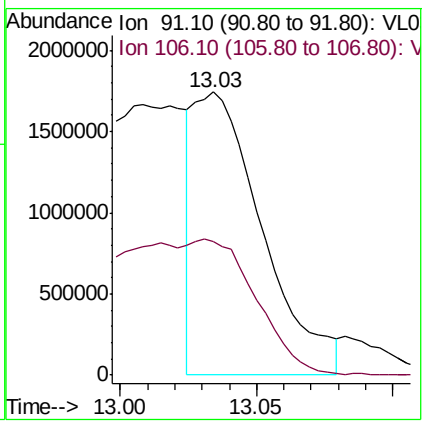


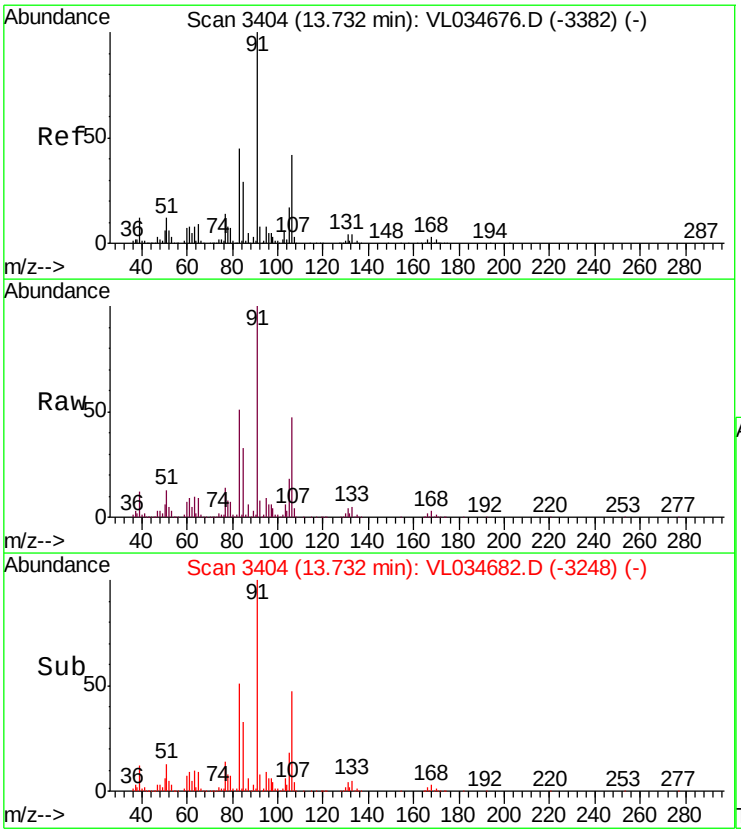
#59
m/p-Xylene
Concen: 10.301 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 3007044

Ion	Ratio	Lower	Upper
91	100		
106	110.1	35.6	53.4#

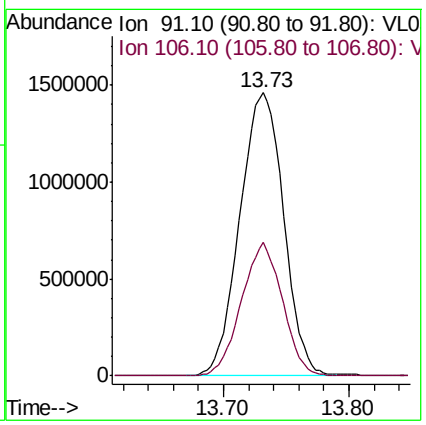


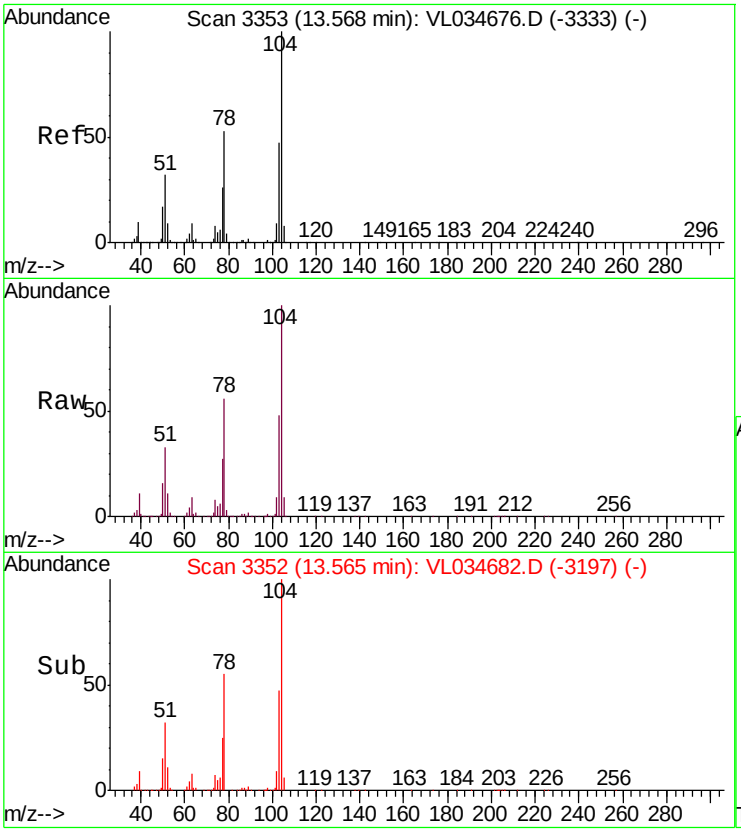


#60
o-Xylene
Concen: 12.134 ppbv
RT: 13.73 min Scan# 3404
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 91 Resp: 3538193

Ion	Ratio	Lower	Upper
91	100		
106	44.3	21.9	65.5



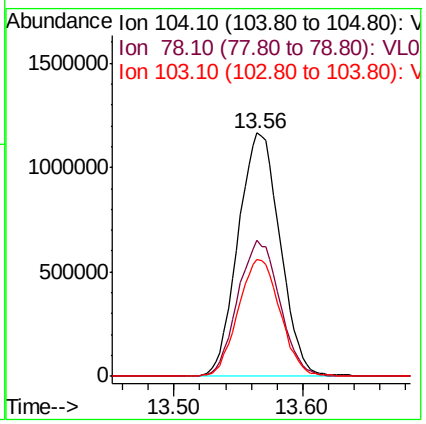


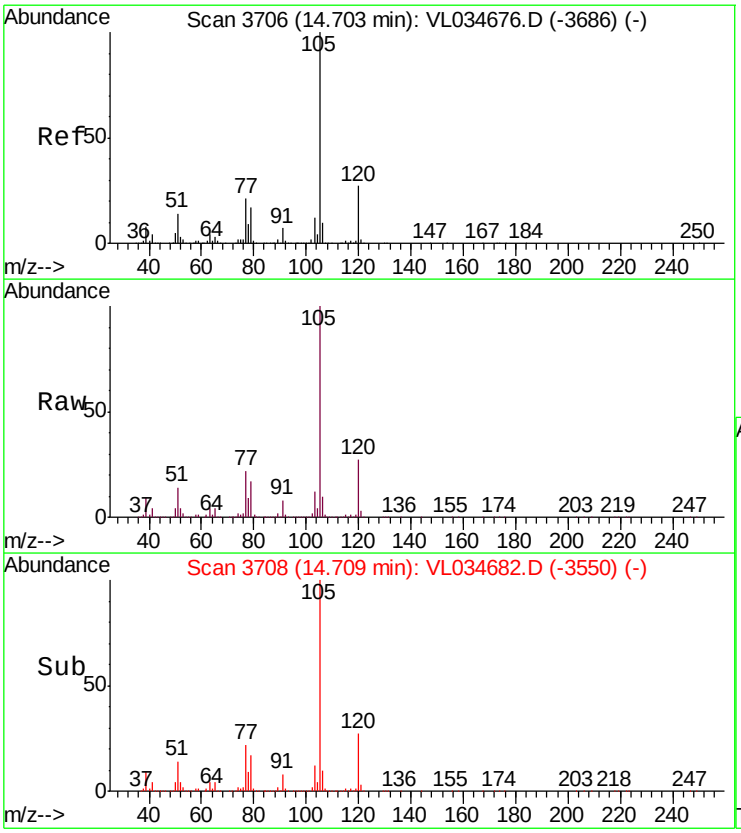
#61
Styrene
Concen: 13.256 ppbv
RT: 13.56 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 2641042

Ion	Ratio	Lower	Upper
104	100		
78	56.1	44.2	66.4
103	48.0	37.4	56.0

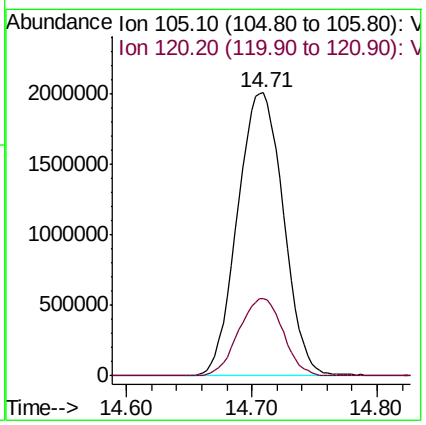


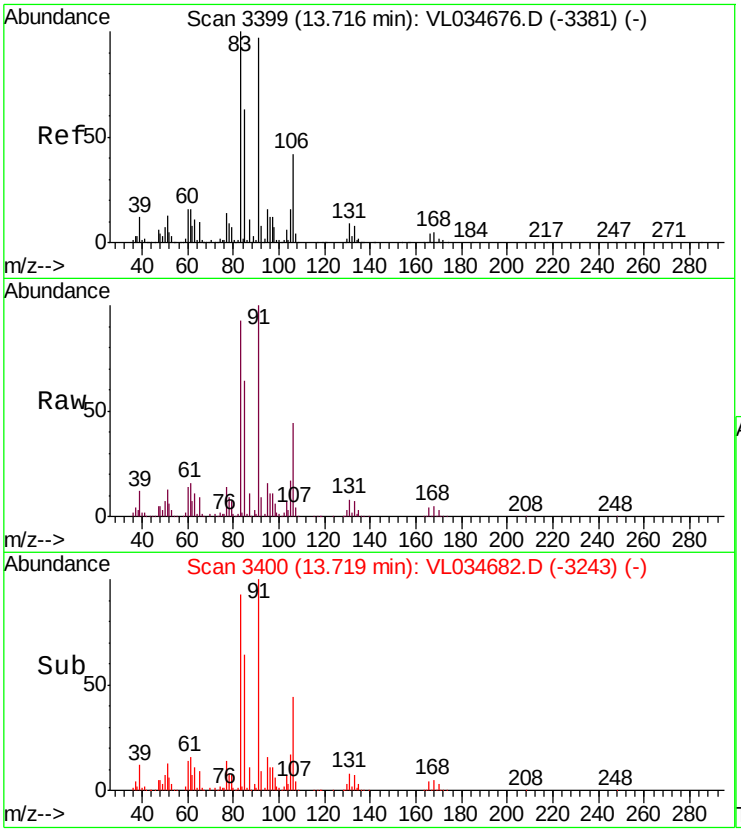


#62
Isopropylbenzene
Concen: 13.212 ppbv
RT: 14.71 min Scan# 3708
Delta R.T. 0.01 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:105 Resp: 5103702

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.2	30.4



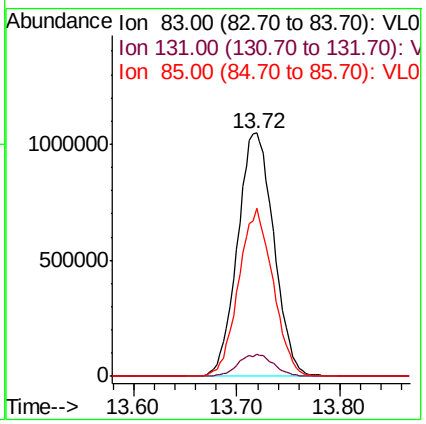


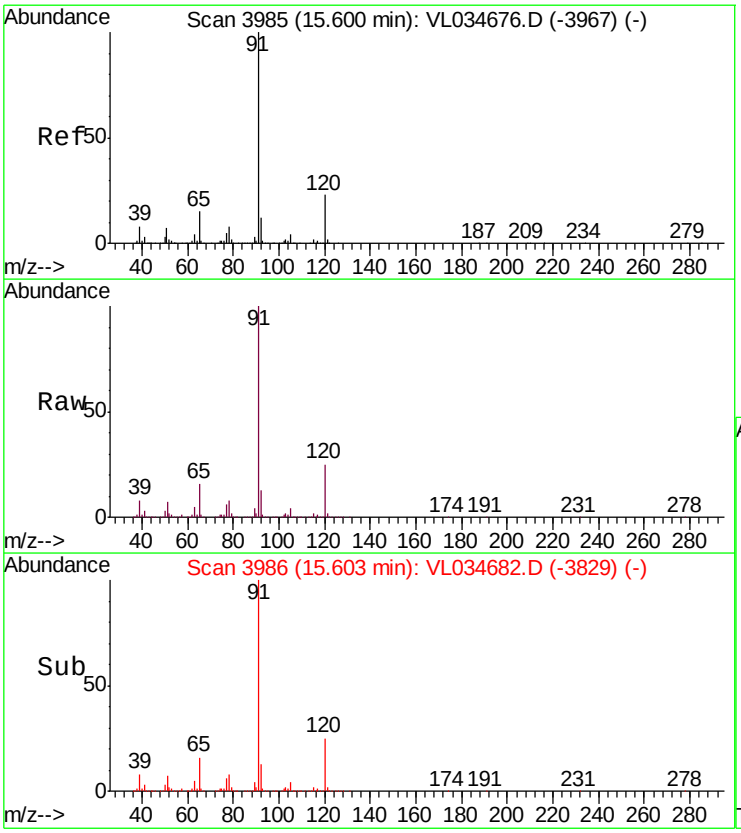
#63
1,1,2,2-Tetrachloroethane
Concen: 11.051 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2558979

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.4	13.2
85	65.7	32.5	97.5

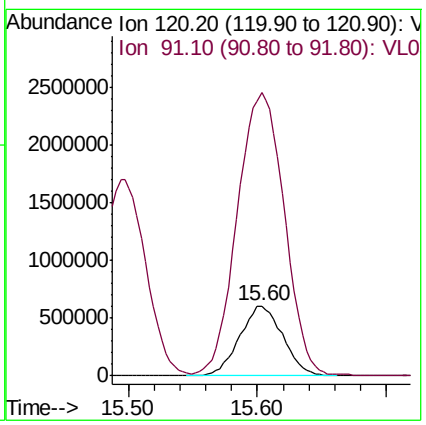


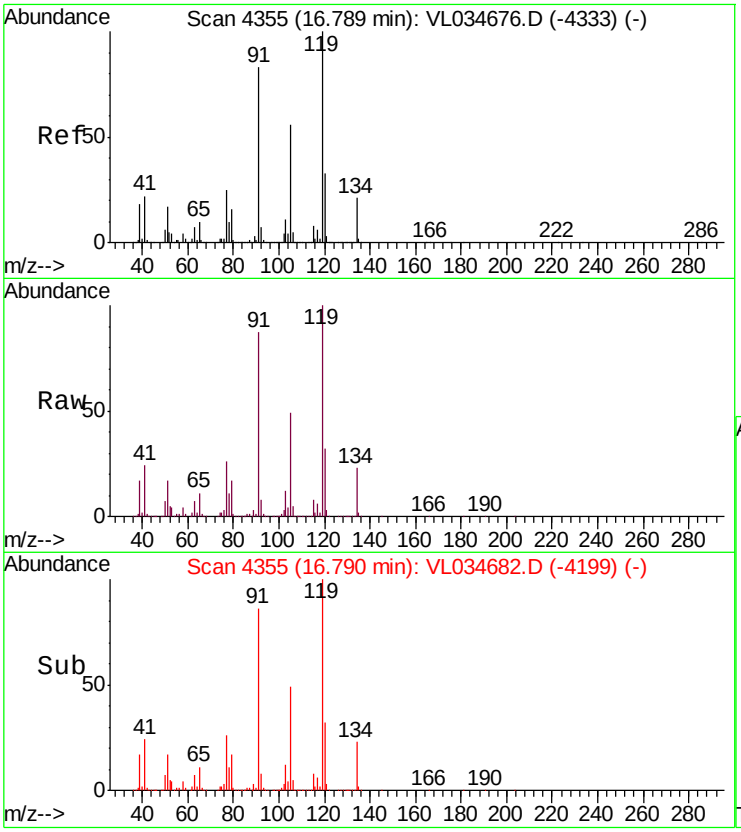


#64
n-propylbenzene
Concen: 14.369 ppbv
RT: 15.60 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:120 Resp: 1408818

Ion	Ratio	Lower	Upper
120	100		
91	443.4	369.8	554.8



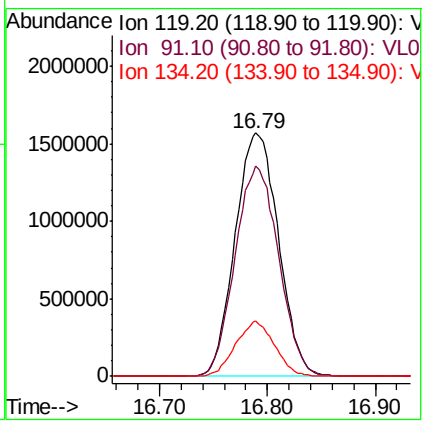


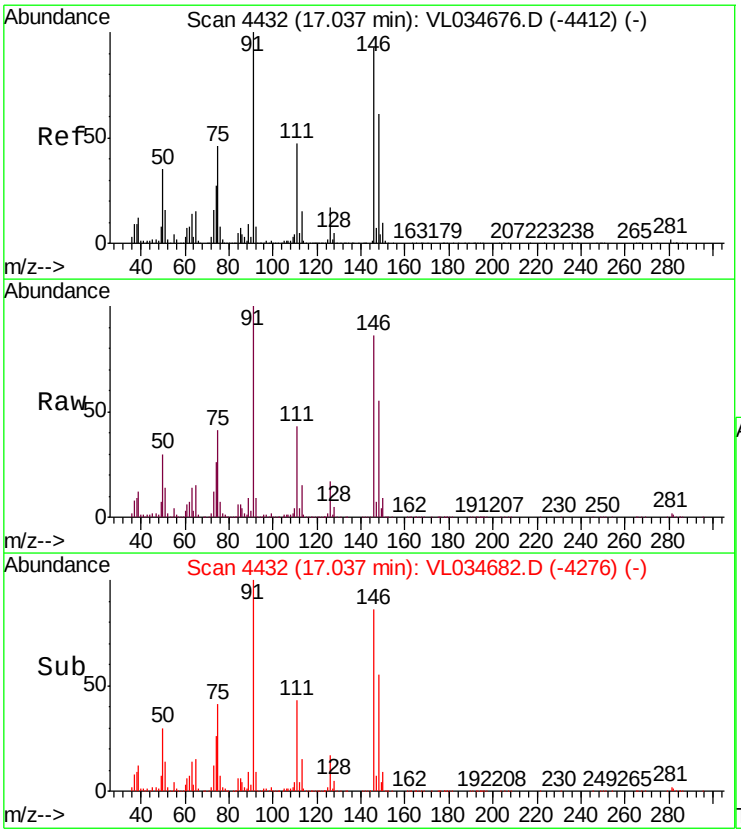
#65
tert-Butylbenzene
Concen: 13.041 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 4392376

Ion	Ratio	Lower	Upper
119	100		
91	87.0	69.1	103.7
134	20.4	15.8	23.8

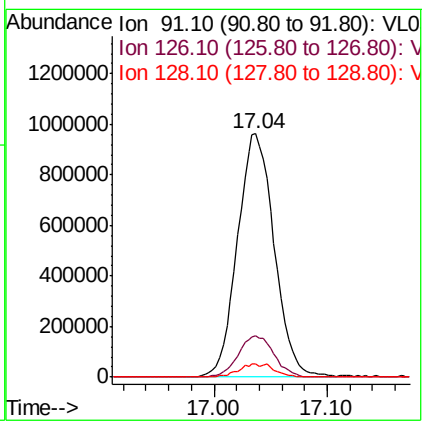


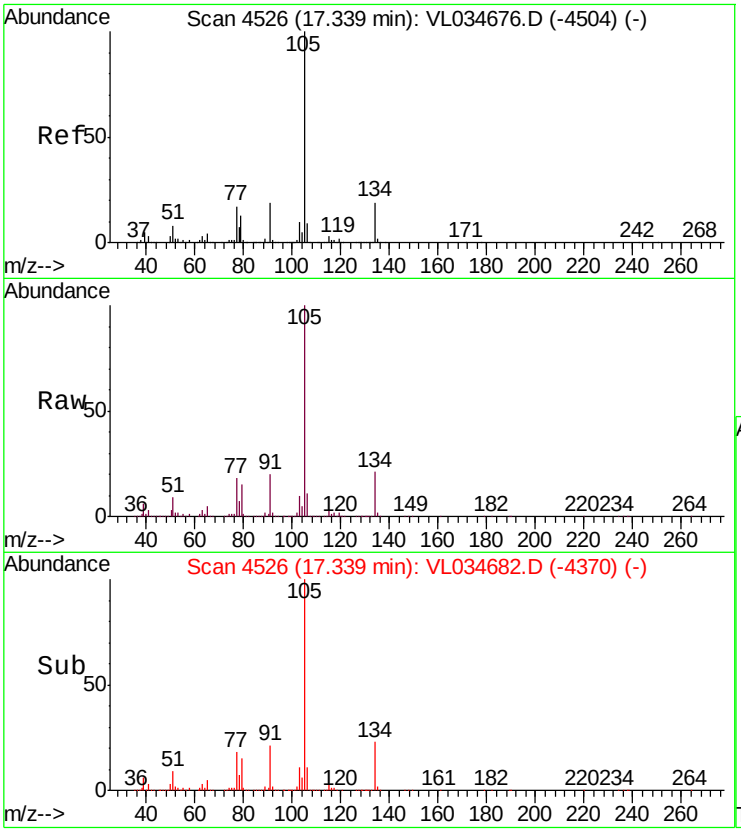


#66
Benzyl Chloride
Concen: 16.713 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 91 Resp: 2172782

Ion	Ratio	Lower	Upper
91	100		
126	16.6	13.5	20.3
128	5.3	4.2	6.4



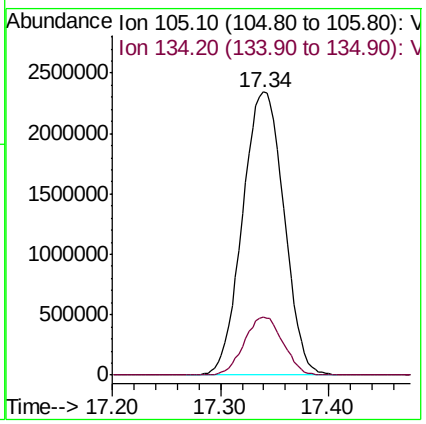


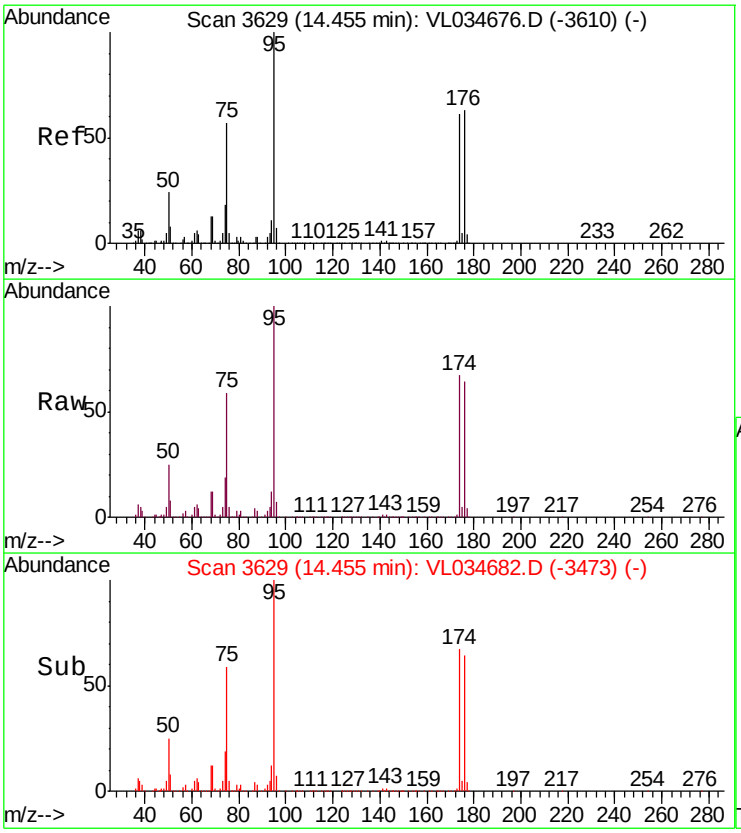
#67
sec-Butylbenzene
Concen: 13.009 ppbv
RT: 17.34 min Scan# 4526
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:105 Resp: 6257751

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.8	22.2

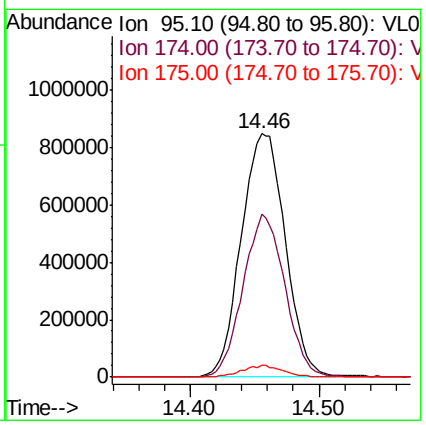


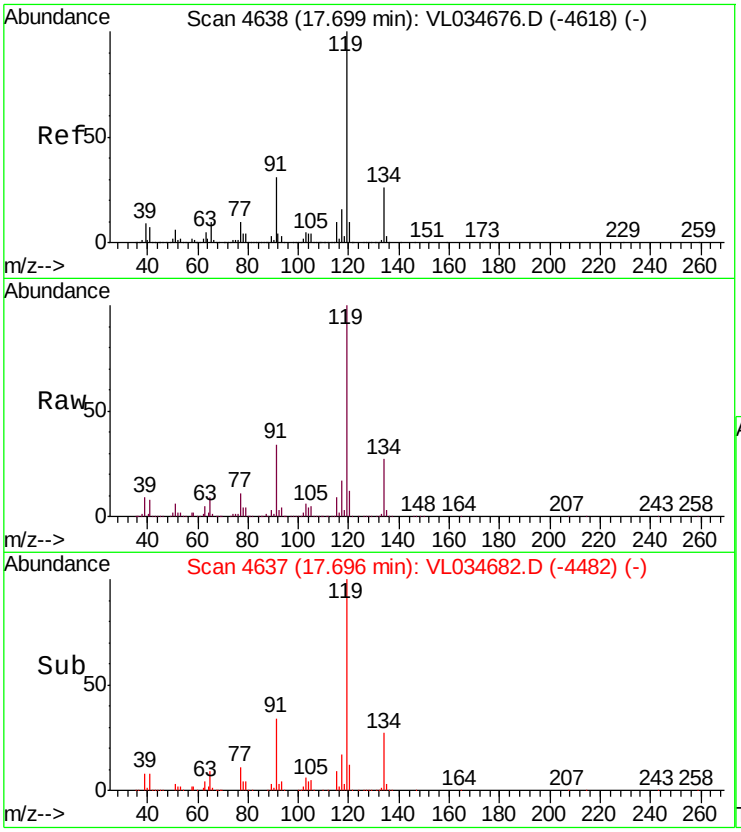


#68
1-Bromo-4-Fluorobenzene
Concen: 9.832 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 95 Resp: 2018366

Ion	Ratio	Lower	Upper
95	100		
174	63.8	50.7	76.1
175	4.5	3.9	5.9



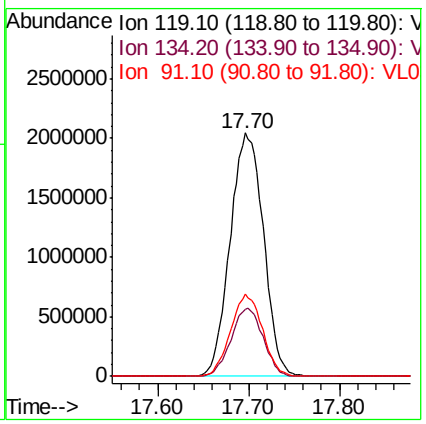


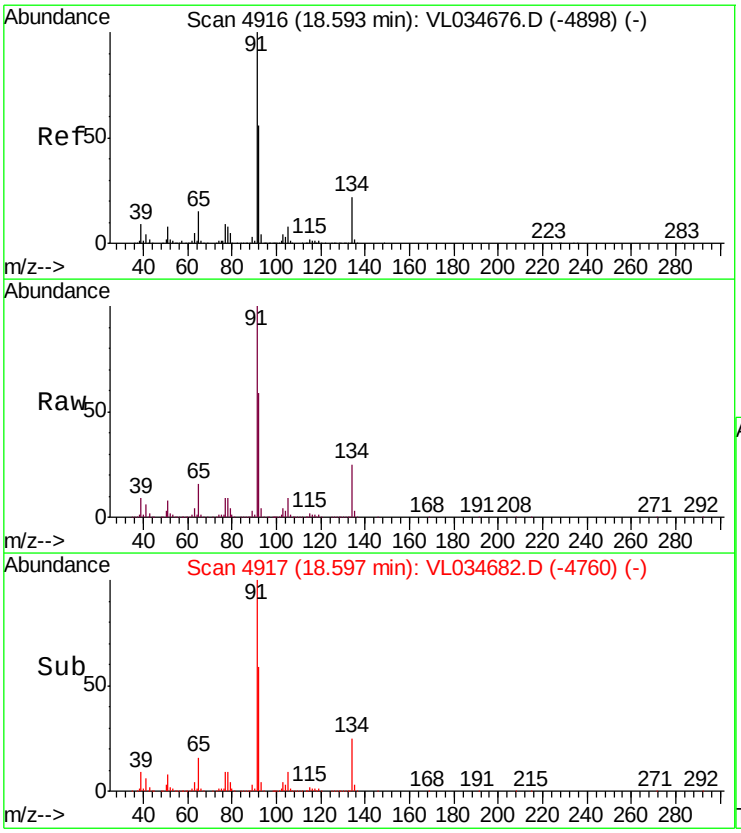
#69
p-Isopropyltoluene
Concen: 13.620 ppbv
RT: 17.70 min Scan# 4637
Delta R.T. -0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 5206904

Ion	Ratio	Lower	Upper
119	100		
134	26.8	20.6	31.0
91	32.3	25.3	37.9

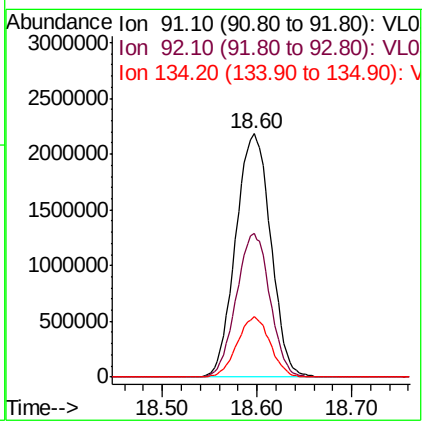


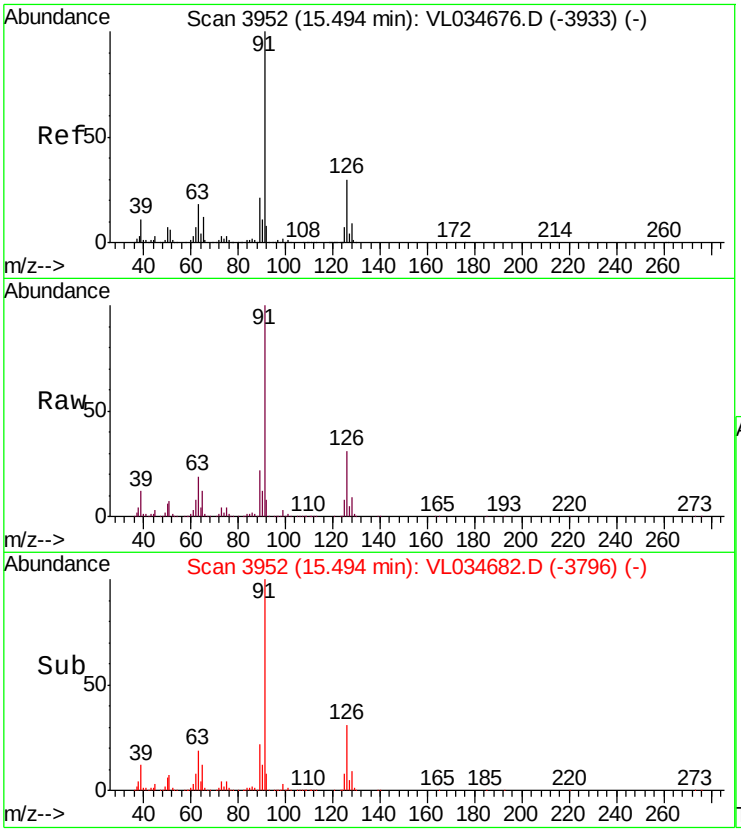


#70
n-Butylbenzene
Concen: 13.740 ppbv
RT: 18.60 min Scan# 4917
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion: 91 Resp: 5621970

Ion	Ratio	Lower	Upper
91	100		
92	56.6	43.8	65.6
134	23.2	17.6	26.4



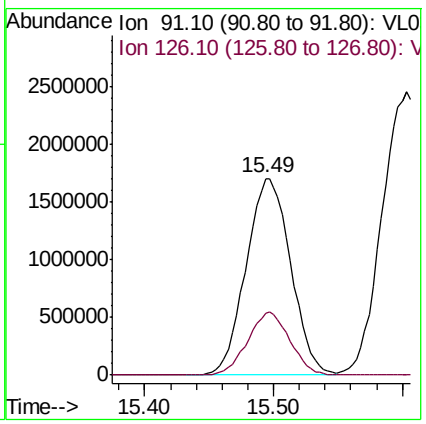


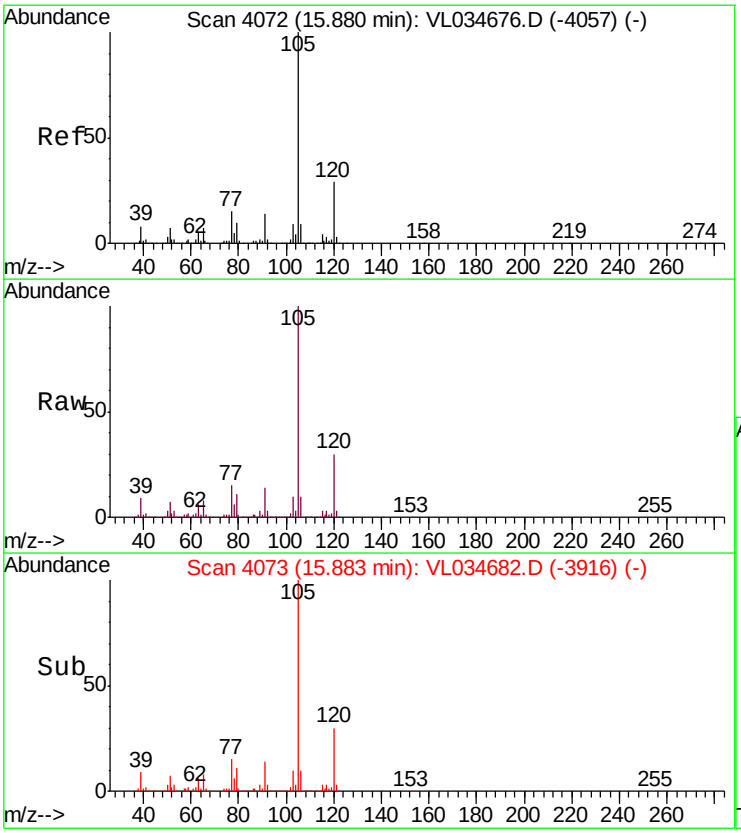
#71
2-Chlorotoluene
Concen: 13.824 ppbv
RT: 15.49 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4094158

Ion	Ratio	Lower	Upper
91	100		
126	30.4	11.8	47.2

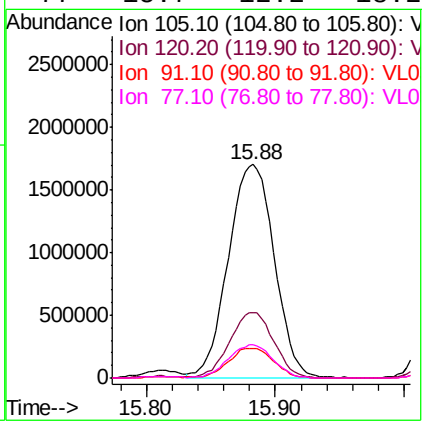


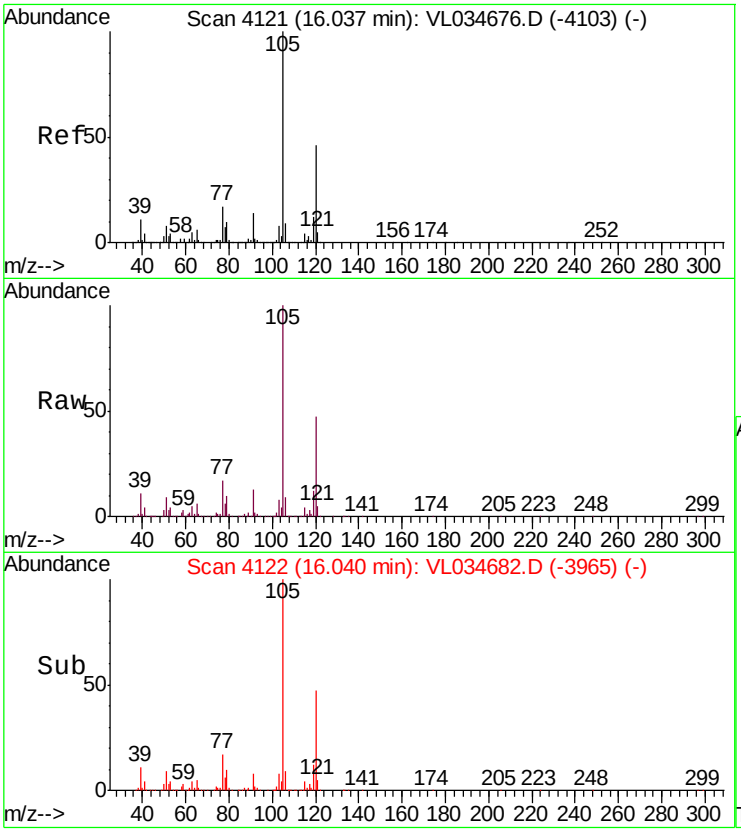


#72
4-Ethyltoluene
Concen: 13.045 ppbv
RT: 15.88 min Scan# 4073
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:105 Resp: 4198364

Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.7	35.5
91	13.7	10.9	16.3
77	15.7	12.2	18.2



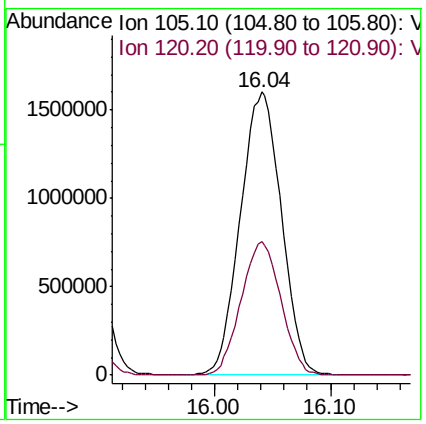


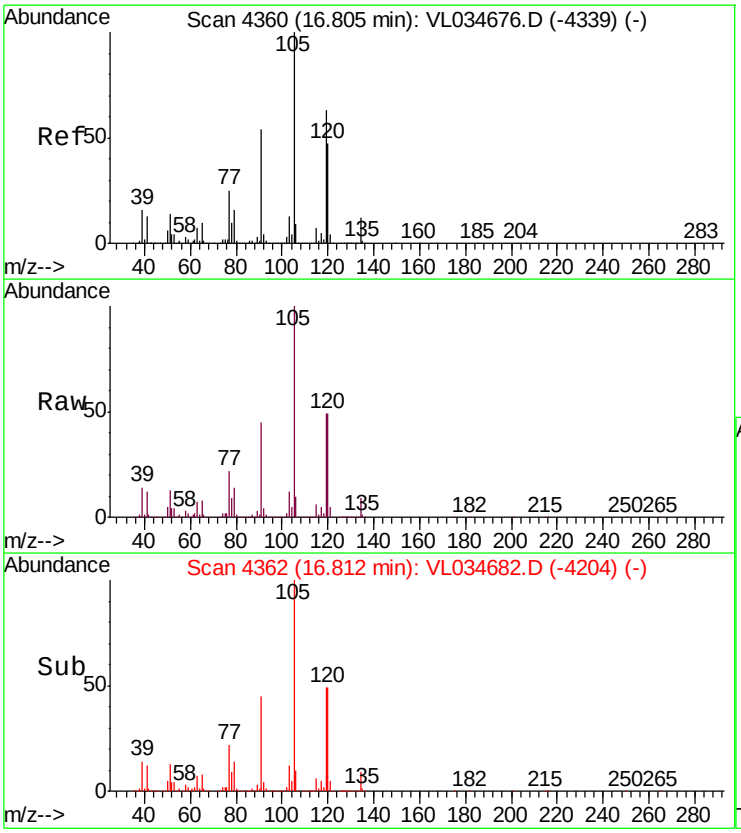
#73
1,3,5-Trimethylbenzene
Concen: 12.893 ppbv
RT: 16.04 min Scan# 4122
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3935085

Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.1	55.7

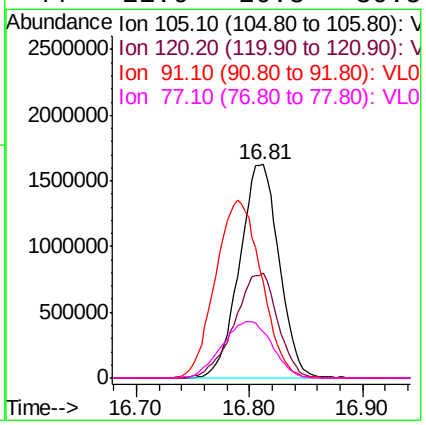


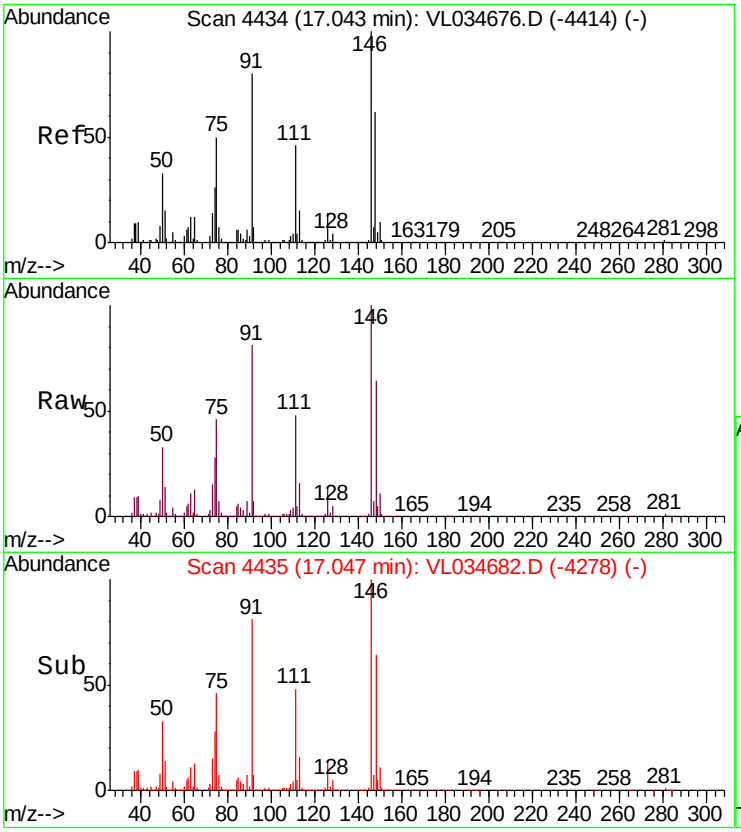


#74
1,2,4-Trimethylbenzene
Concen: 12.012 ppbv
RT: 16.81 min Scan# 4362
Delta R.T. 0.01 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:105 Resp: 3950654

Ion	Ratio	Lower	Upper
105	100		
120	49.1	37.9	56.9
91	44.7	43.9	65.9
77	21.6	20.3	30.5



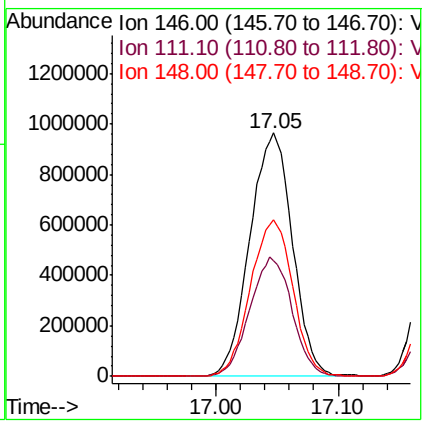


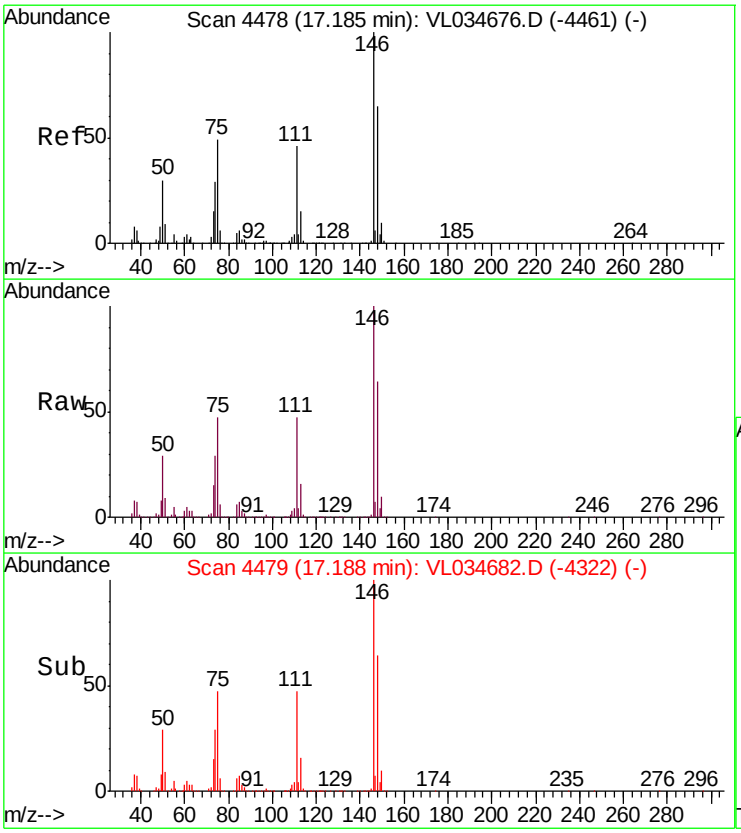
#75
1,3-Dichlorobenzene
Concen: 12.072 ppbv
RT: 17.05 min Scan# 4435
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2330751

Ion	Ratio	Lower	Upper
146	100		
111	48.5	24.4	73.2
148	64.1	32.5	97.4

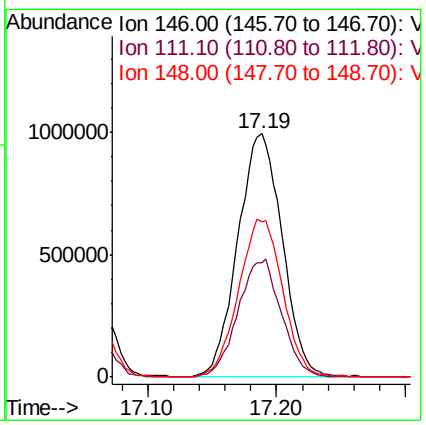


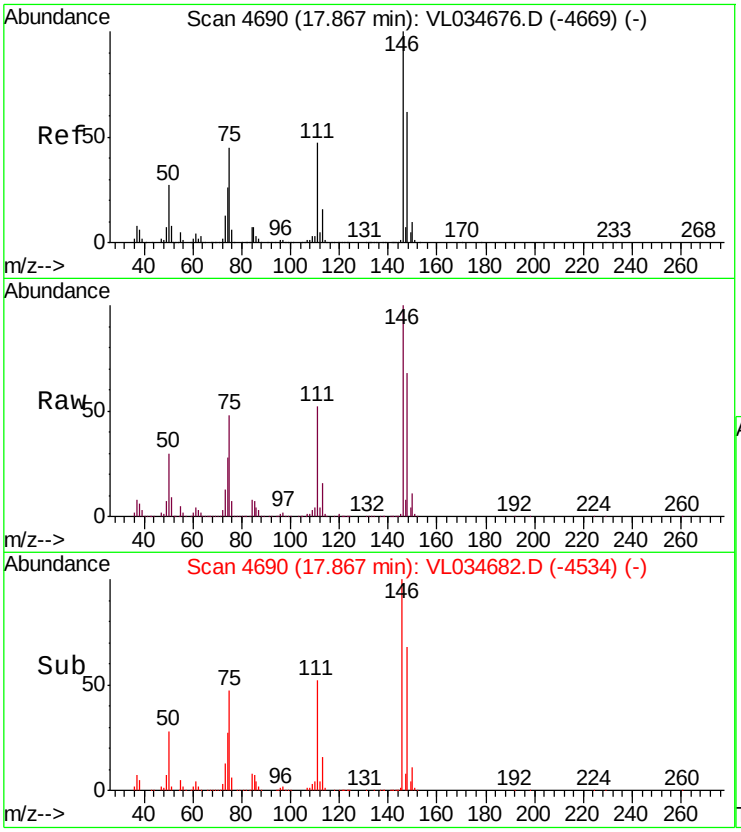


#76
1,4-Dichlorobenzene
Concen: 12.455 ppbv
RT: 17.19 min Scan# 4479
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:146 Resp: 2373310

Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.4	70.0
148	64.7	31.9	95.5



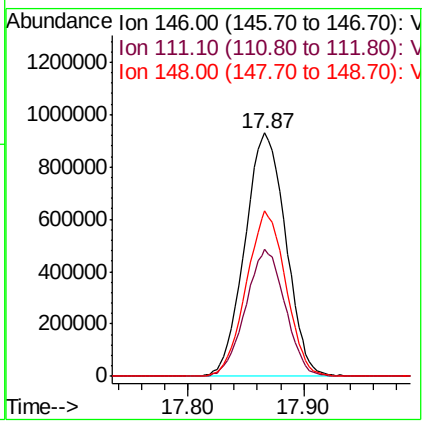


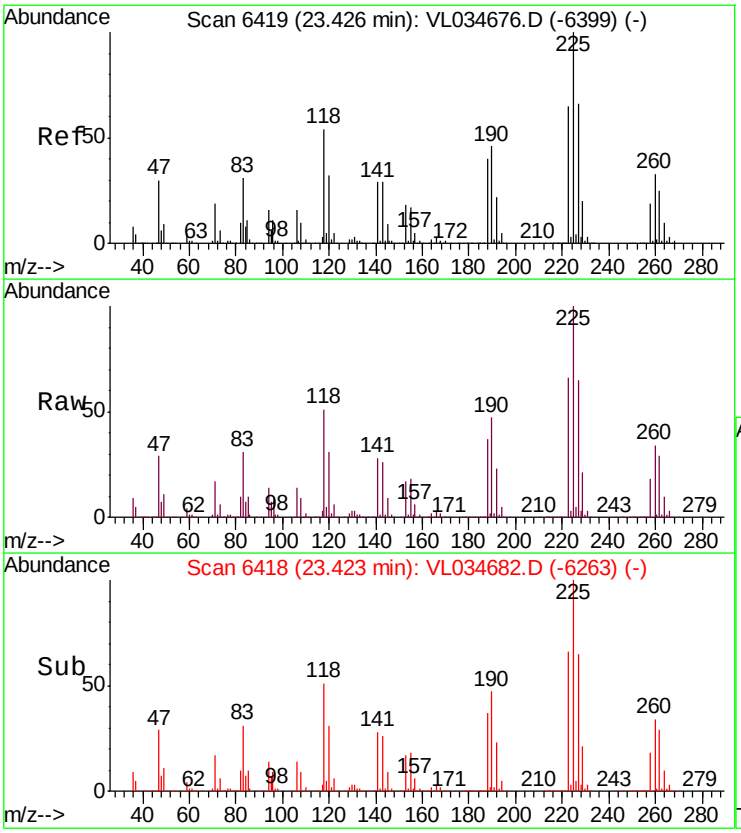
#77
1,2-Dichlorobenzene
Concen: 12.285 ppbv
RT: 17.87 min Scan# 4690
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2284921

Ion	Ratio	Lower	Upper
146	100		
111	50.2	24.9	74.7
148	65.6	32.0	96.0

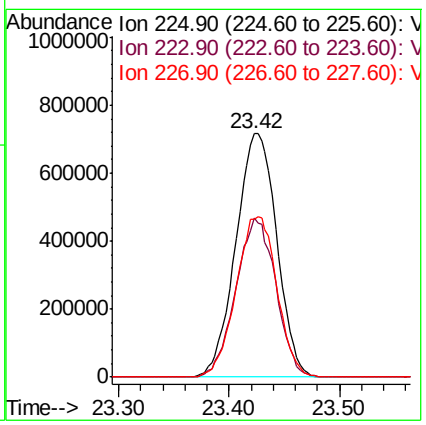


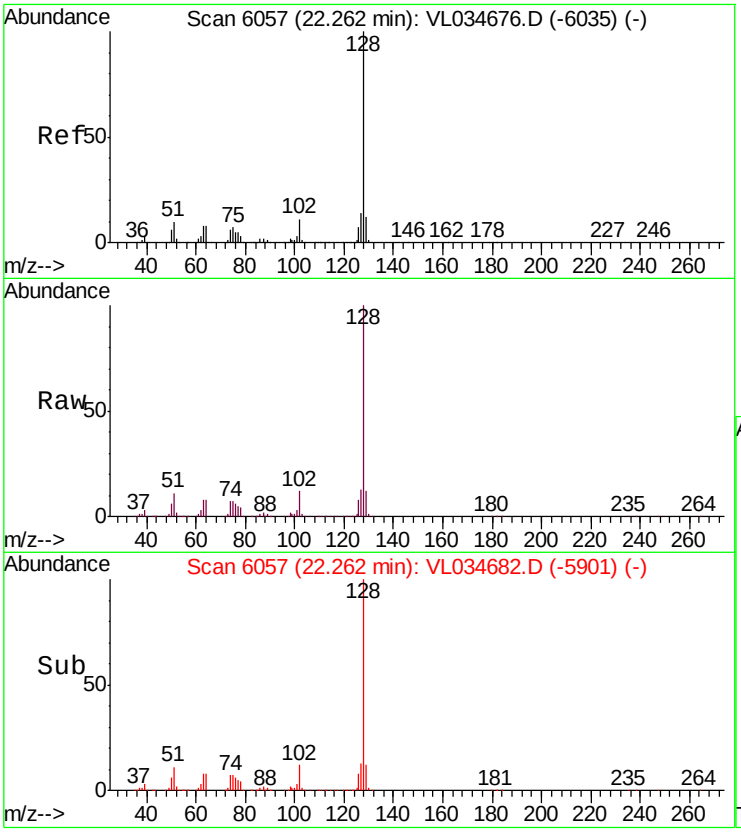


#78
Hexachloro-1,3-Butadiene
Concen: 12.080 ppbv
RT: 23.42 min Scan# 6418
Delta R.T. -0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:225 Resp: 1839425

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	65.7	51.3	76.9



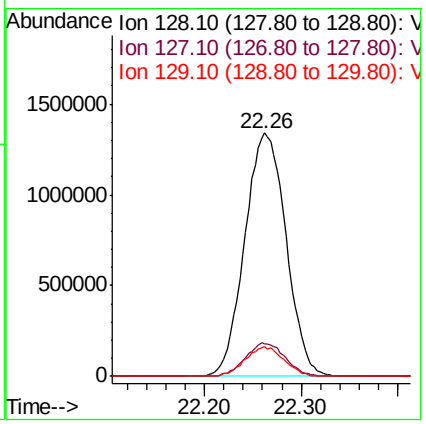


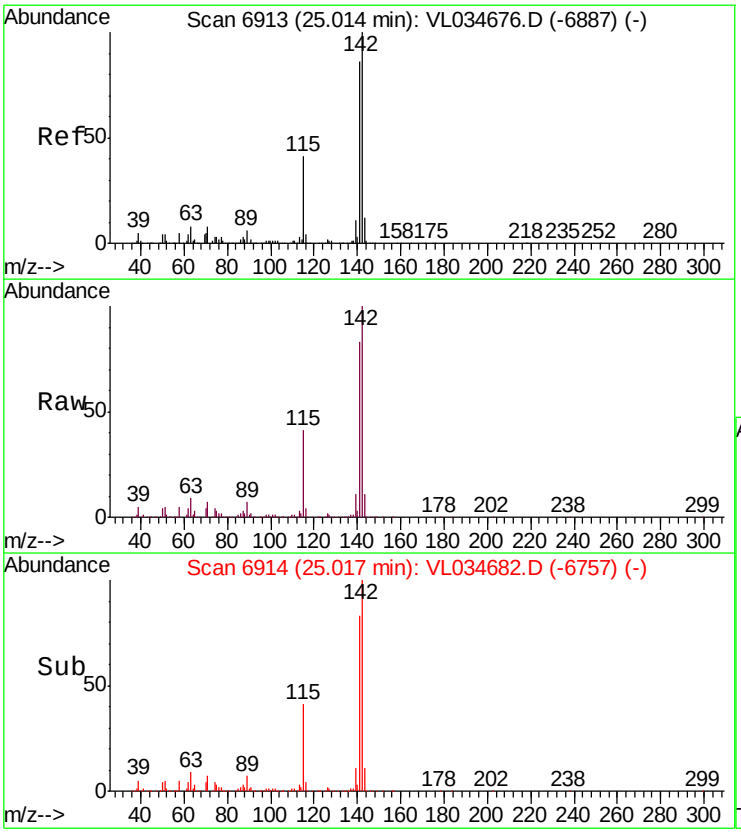
#79
Naphthalene
Concen: 15.858 ppbv
RT: 22.26 min Scan# 6057
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 3968273

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.6
129	12.2	9.4	14.2

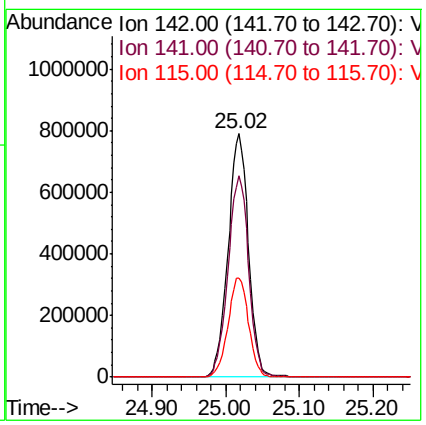


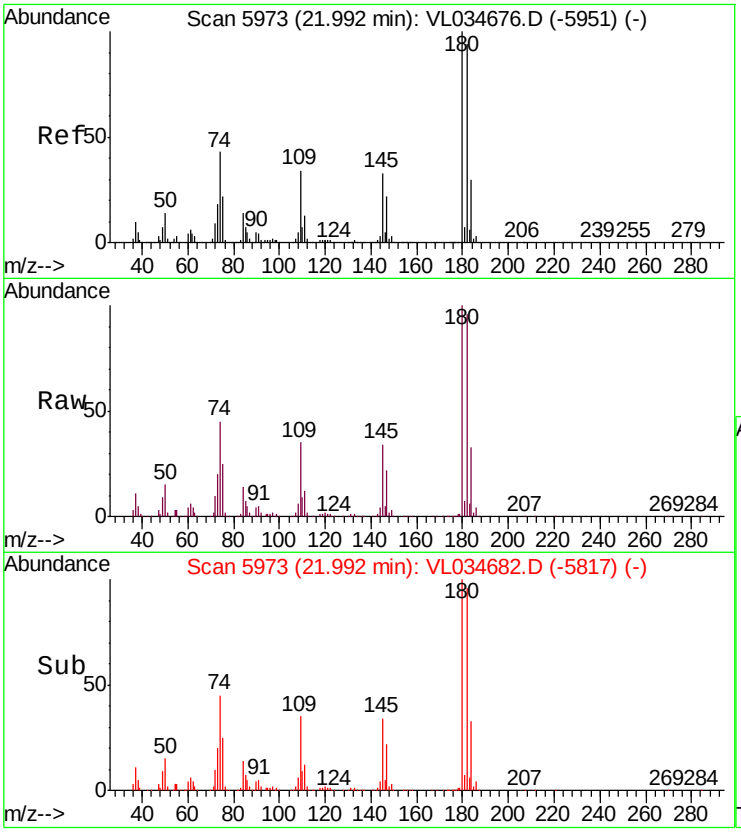


#80
Naphthalene,2-methyl-
Concen: 28.719 ppbv
RT: 25.02 min Scan# 6914
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Tgt Ion:142 Resp: 1514756

Ion	Ratio	Lower	Upper
142	100		
141	84.0	66.5	99.7
115	41.4	30.6	46.0





#81
1,2,4-Trichlorobenzene
Concen: 14.562 ppbv
RT: 21.99 min Scan# 5973
Delta R.T. 0.00 min
Lab File: VL034682.D
Acq: 26 Feb 2020 6:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 2225163

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.5	114.7
184	31.5	25.2	37.8