Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061920\

Quantitation Report (Not Reviewed)

Data File : VL035102.D
Acq On : 19 Jun 2020 19:46
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Jun 20 01:21:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 01:15:38 2020
QLast Update : Sat Jun 20 01:15:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1353639	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3222658	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3256336	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2613562	9.96	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	1915502	9.838	ppbv	98
3) Chlorodifluoromethane	2.94	51	1937314	12.504	ppbv	99
4) Chloromethane	3.09	50	1141802	12.873	ppbv	96
5) Vinyl Chloride	3.21	62	1142896	13.232	ppbv	99
6) Bromomethane	3.43	94	684228	13.231	ppbv	91
7) Chloroethane	3.51	64	411965	13.293	ppbv	100
8) Dichlorotetrafluoroethane	3.14	85	2408182	12.063	ppbv	98
9) Propene	2.96	41	859699	12.946	ppbv	100
10) Heptane	8.12	43	2398714	14.407	ppbv	98
11) Trichlorofluoromethane	3.91	101	2522627	12.737	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.45	101	1776814	12.623	ppbv	99
13) Ethanol	3.56	45	198696	9.254	ppbv	98
14) Bromoethene	3.70	108	820223	14.076	ppbv	98
15) Acetone	3.81	43	1997171	11.180	ppbv	100
16) 1,3-Butadiene	3.28	39	1034917	13.443	ppbv	99
17) tert-Butyl alcohol	4.26	59	1899961	11.989	ppbv	100
18) 1,1-Dichloroethene	4.25	96	831095	13.597	ppbv	99
19) Isopropyl Alcohol	3.93	45	1335191	11.344	ppbv	100
20) Methylene Chloride	4.31	84	746646	12.635	ppbv	95
21) Allyl Chloride	4.38	41	1420514	14.116	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	822893	13.739	ppbv	99
23) Vinyl Acetate	5.05	43	3013236	13.445	ppbv	99
24) 1,1-Dichloroethane	4.99	63	2243512	12.845	ppbv	99
25) Ethyl Acetate	5.66	43	3984285	13.284	ppbv	100
26) Hexane	5.67	57	1792392	13.774	ppbv	99
27) Carbon Disulfide	4.52	76	2182759	14.383	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	2619529	13.256	ppbv	100
29) Chloroform	5.74	83	2767768	12.959	ppbv	96
30) Cyclohexane	7.13	84	1512192	14.981	ppbv	99
31) cis-1,2-Dichloroethene	5.53	61	1833139	14.384	ppbv	95
32) 1,1,1-Trichloroethane	6.50	97	2672319	13.842	ppbv	99
34) 2-Butanone	5.22	43	2603868	13.089	ppbv	99
35) Carbon Tetrachloride	7.01	117	2727477	13.428	ppbv	98
36) Benzene	6.89	78	3565455	13.442	ppbv	98
37) 1,2-Dichloroethane	6.30	62	2150785	13.111	ppbv	100
38) Trichloroethene	7.84	130	1368737	13.258	ppbv	98
39) 1,2-Dichloropropane	7.62	63	1437434	13.528	ppbv	99
40) 1,4-Dioxane	7.83	88	459577	10.854	ppbv #	98
41) Tetrahydrofuran	6.03	42	1494300	14.316	ppbv	99
42) Bromodichloromethane	7.80	83	2938422	13.292	ppbv	94
43) Methyl Methacrylate	8.01	69	1669857	14.920	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061920\

Quantitation Report (Not Reviewed)

Data File : VL035102.D
Acq On : 19 Jun 2020 19:46
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Jun 20 01:21:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 01:15:38 2020
QLast Update : Sat Jun 20 01:15:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5946294	12.620	ppbv		98
45) t-1,3-Dichloropropene	9.29	75	1888608	16.808	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	2193658	15.872	ppbv		96
47) 1,1,2-Trichloroethane	9.49	97	1506472	13.384	ppbv		98
48) Dibromochloromethane	10.32	129	2484529	14.387	ppbv		100
49) Bromoform	13.07	173	2169000	14.647	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	3907770	13.780	ppbv		100
51) 2-Hexanone	10.14	43	3244585	14.663	ppbv	#	100
52) Tetrachloroethene	11.24	164	1270021	13.420	ppbv		97
53) Toluene	9.82	91	4165372	14.802	ppbv		100
54) 1,2-Dibromoethane	10.63	107	2284378	13.847	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.15	131	1854896	12.769	ppbv	#	60
57) Chlorobenzene	12.17	112	3090665	12.087	ppbv		98
58) Ethyl Benzene	12.73	91	5475350	13.813	ppbv		98
59) m/p-Xylene	13.02	91	5192770	14.855	ppbv	#	47
60) o-Xylene	13.72	91	4455278	12.907	ppbv		99
61) Styrene	13.55	104	3288640	15.101	ppbv		99
62) Isopropylbenzene	14.70	105	6468483	12.574	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.71	83	3139684	11.506	ppbv		100
64) n-propylbenzene	15.59	120	1762000	13.327	ppbv		94
65) tert-Butylbenzene	16.78	119	5522284	12.345	ppbv		100
66) Benzyl Chloride	17.03	91	2275282	15.341	ppbv		100
67) sec-Butylbenzene	17.33	105	7746971	12.152	ppbv		98
69) p-Isopropyltoluene	17.69	119	6397194	12.409	ppbv		98
70) n-Butylbenzene	18.59	91	6705707	12.240	ppbv		99
71) 2-Chlorotoluene	15.49	91	5098768	13.118	ppbv		100
72) 4-Ethyltoluene	15.87	105	5230103	13.570	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	4803055	12.849	ppbv		97
74) 1,2,4-Trimethylbenzene	16.80	105	4844134	11.870	ppbv		96
75) 1,3-Dichlorobenzene	17.04	146	2819856	11.721	ppbv		100
76) 1,4-Dichlorobenzene	17.18	146	2886425	12.643	ppbv		100
77) 1,2-Dichlorobenzene	17.86	146	2700145	11.982	ppbv		99
78) Hexachloro-1,3-Butadiene	23.42	225	2226513	11.536	ppbv		99
79) Naphthalene	22.26	128	2311593	7.341	ppbv		98
80) Naphthalene,2-methyl-	25.01	142	2532465	31.933	ppbv		100
81) 1,2,4-Trichlorobenzene	21.98	180	2645216	13.783	ppbv		98

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

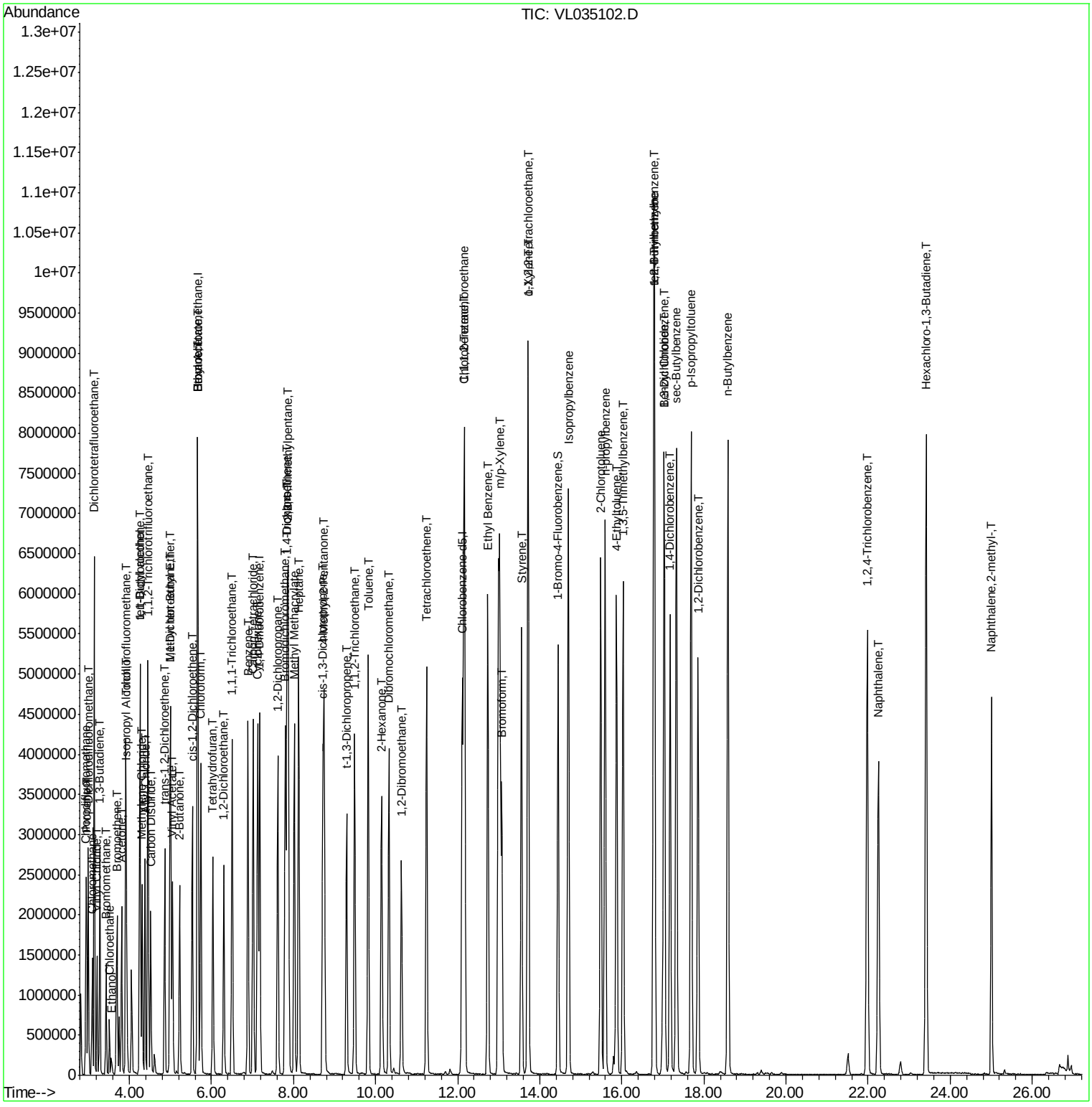
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061920\

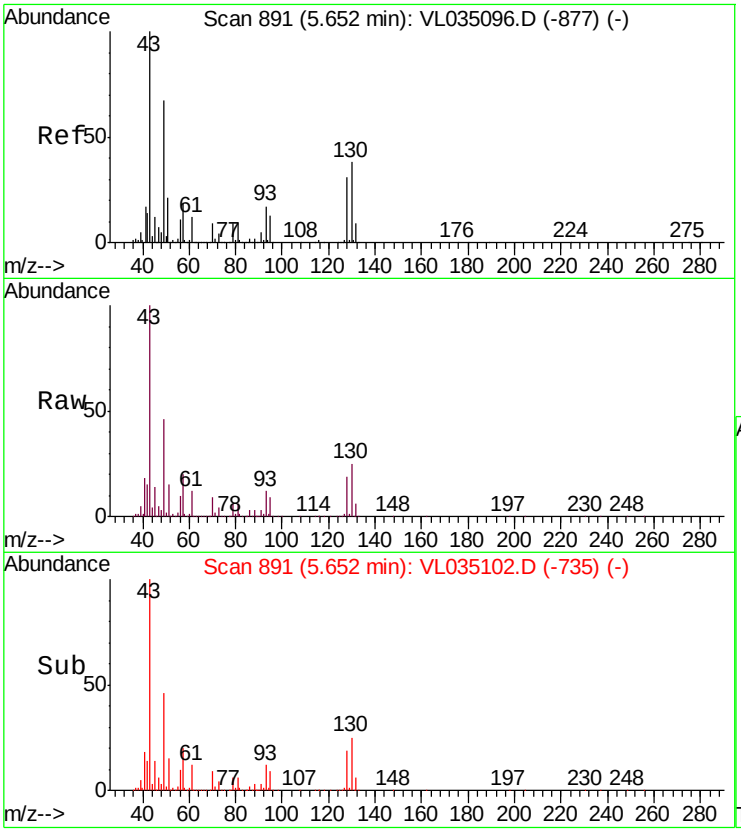
Quantitation Report (Not Reviewed)

Data File : VL035102.D
Acq On : 19 Jun 2020 19:46
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Jun 20 01:21:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 01:15:38 2020
QLast Update : Sat Jun 20 01:15:38 2020
Response via : Initial Calibration



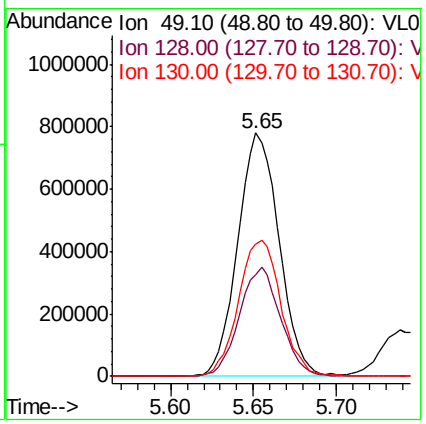


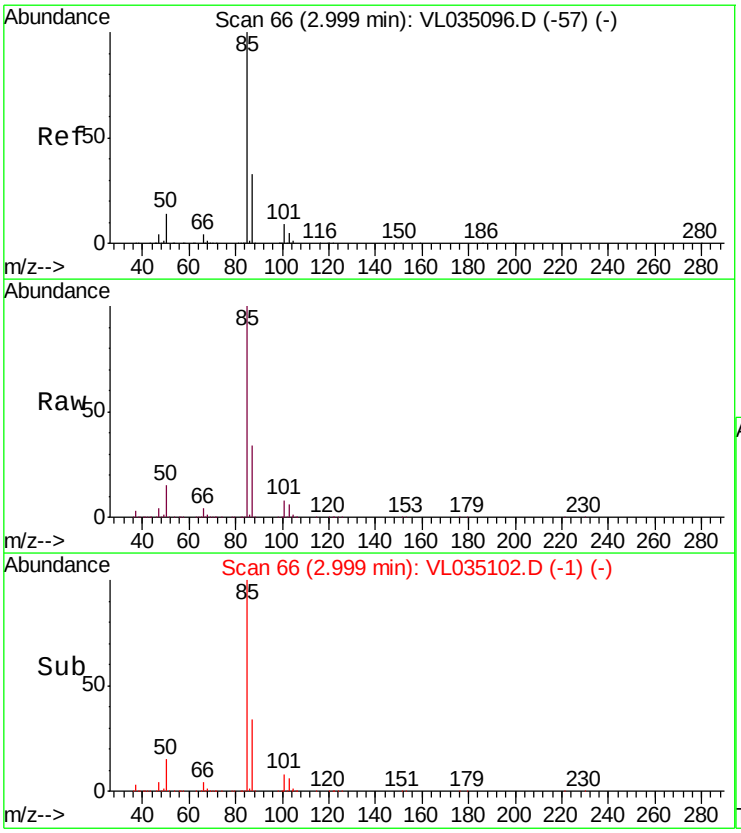
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1353639

Ion	Ratio	Lower	Upper
49	100		
128	44.8	22.9	68.5
130	57.7	29.0	87.0

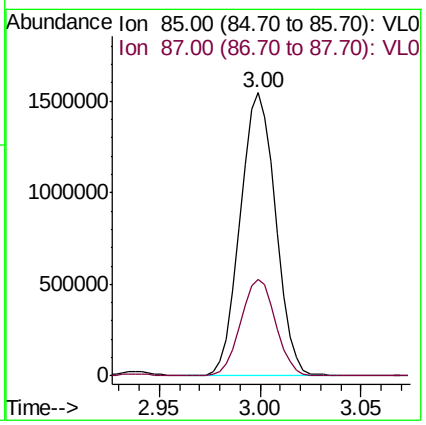


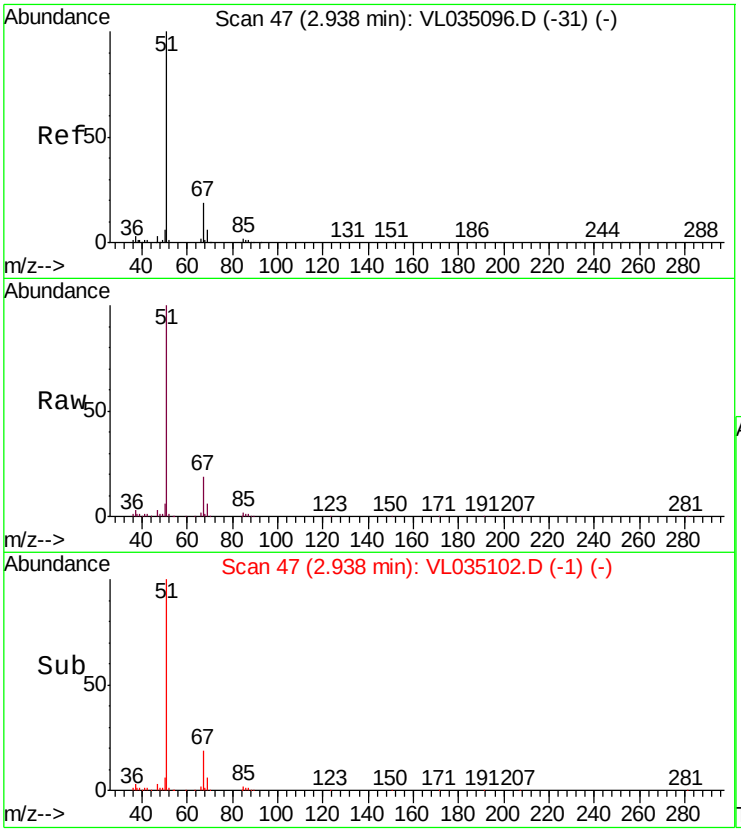


#2
Dichlorodifluoromethane
Concen: 9.838 ppbv
RT: 3.00 min Scan# 66
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 85 Resp: 1915502

Ion	Ratio	Lower	Upper
85	100		
87	34.0	26.1	39.1



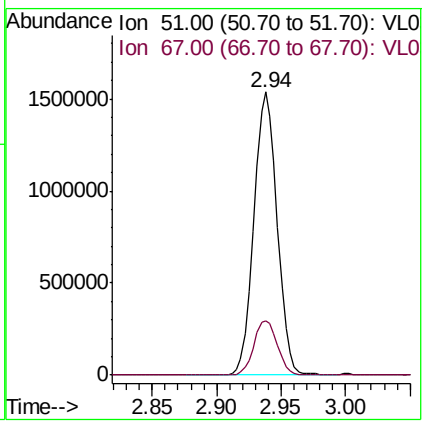


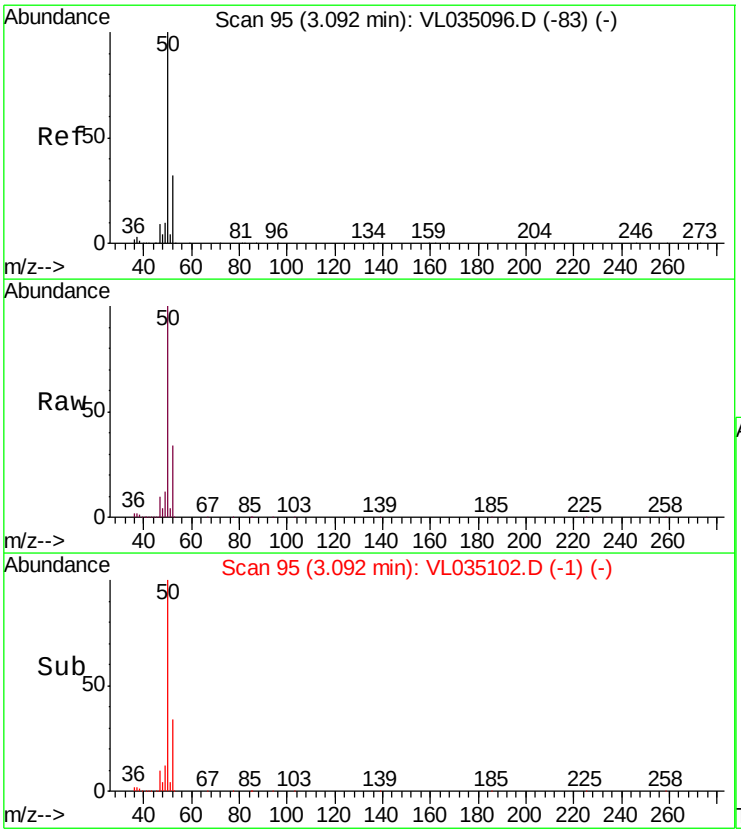
#3
Chlorodifluoromethane
Concen: 12.504 ppbv
RT: 2.94 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 1937314

Ion	Ratio	Lower	Upper
51	100		
67	19.6	15.2	22.8

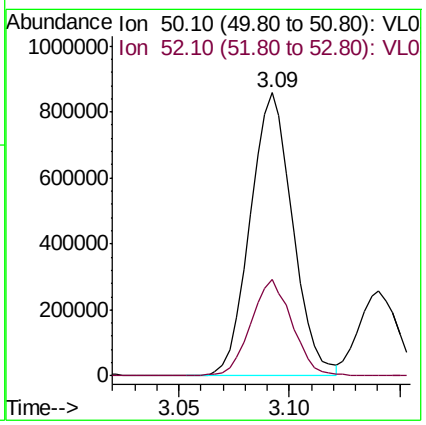


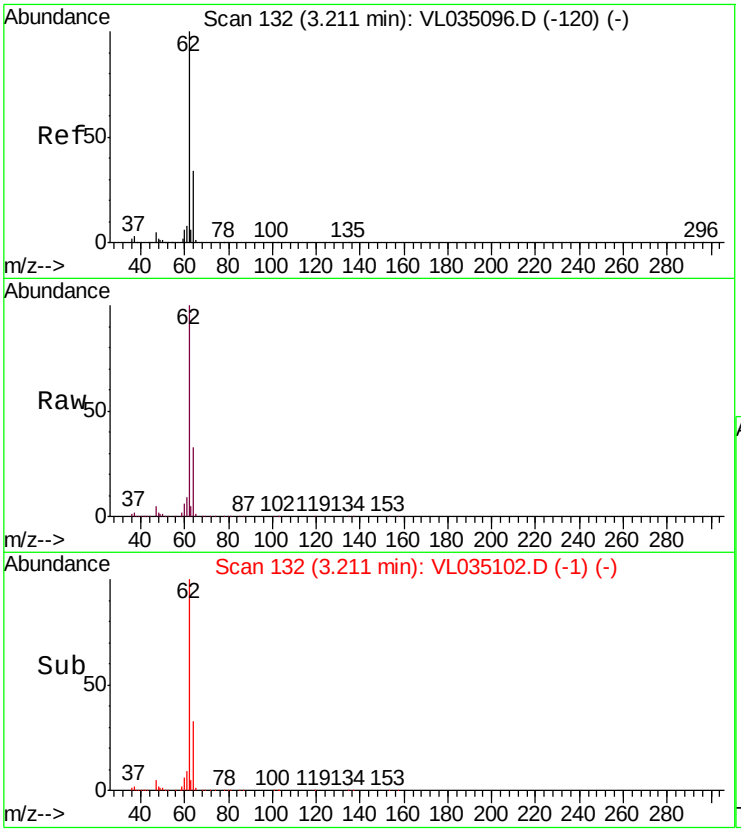


#4
Chloromethane
Concen: 12.873 ppbv
RT: 3.09 min Scan# 95
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 50 Resp: 1141802

Ion	Ratio	Lower	Upper
50	100		
52	34.2	25.4	38.0



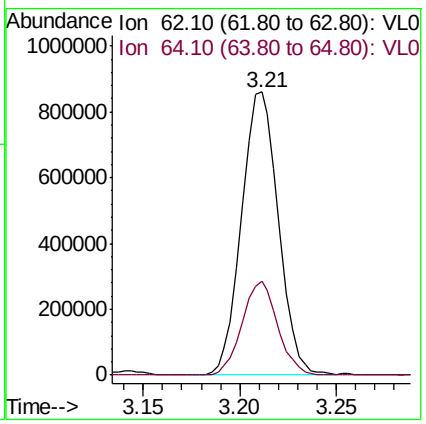


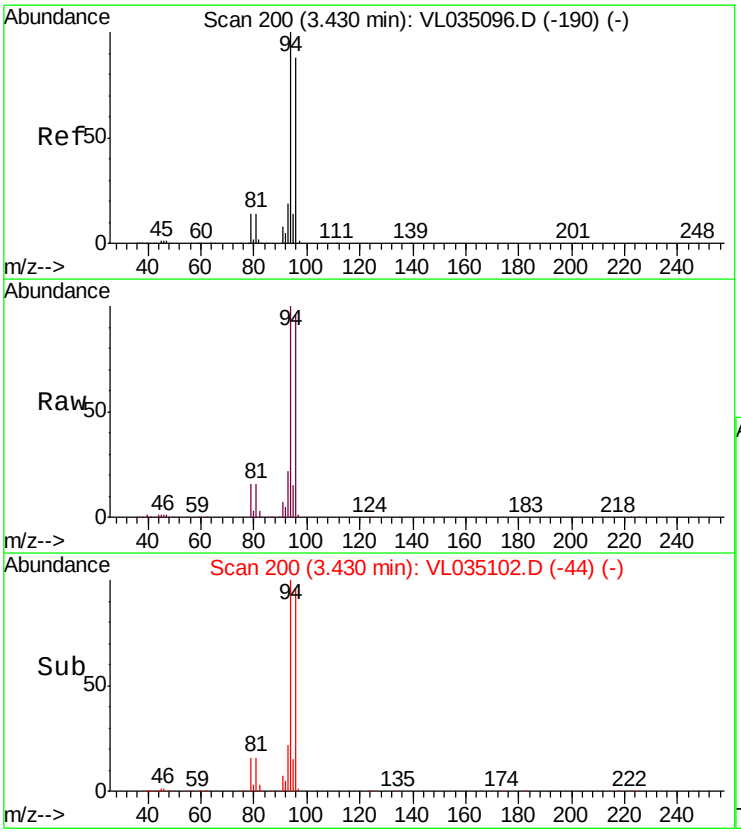
#5
Vinyl Chloride
Concen: 13.232 ppbv
RT: 3.21 min Scan# 132
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1142896

Ion	Ratio	Lower	Upper
62	100		
64	33.3	27.0	40.4

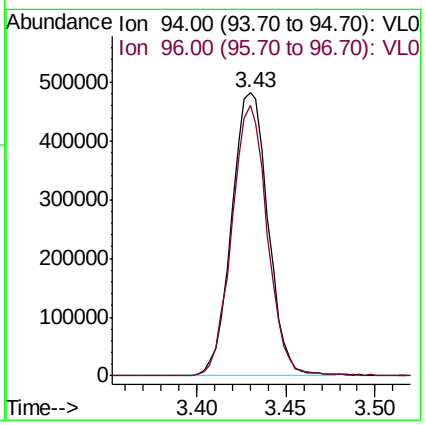


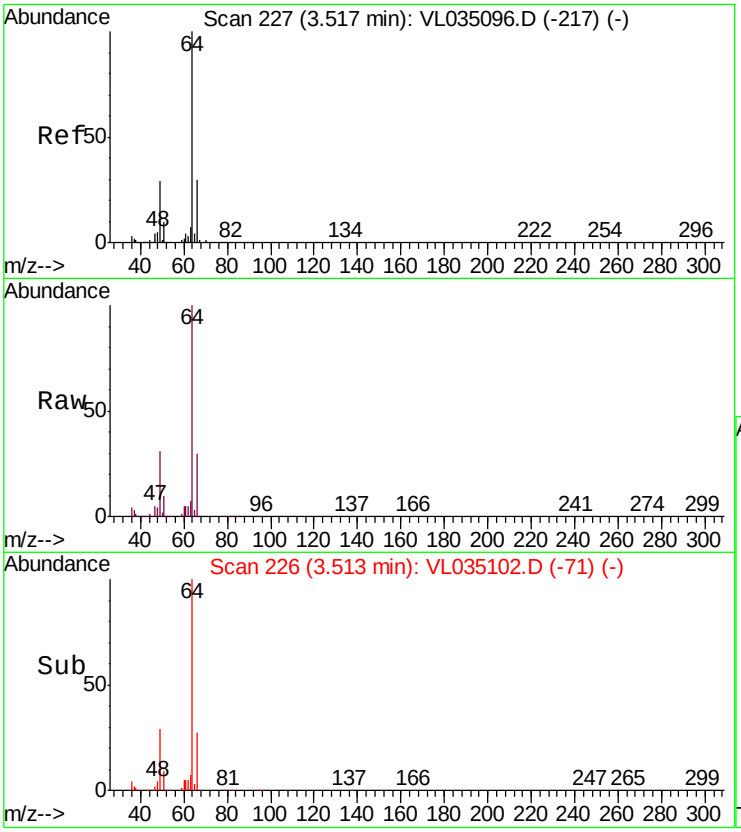


#6
Bromomethane
Concen: 13.231 ppbv
RT: 3.43 min Scan# 200
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 94 Resp: 684228

Ion	Ratio	Lower	Upper
94	100		
96	95.7	70.2	105.2



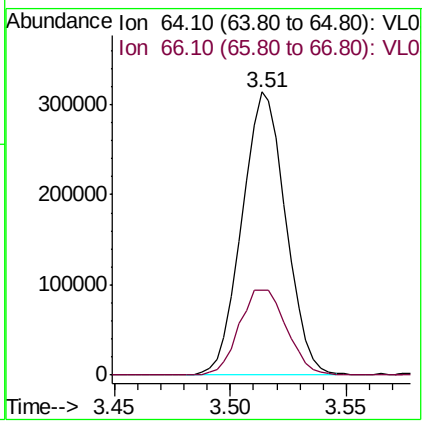


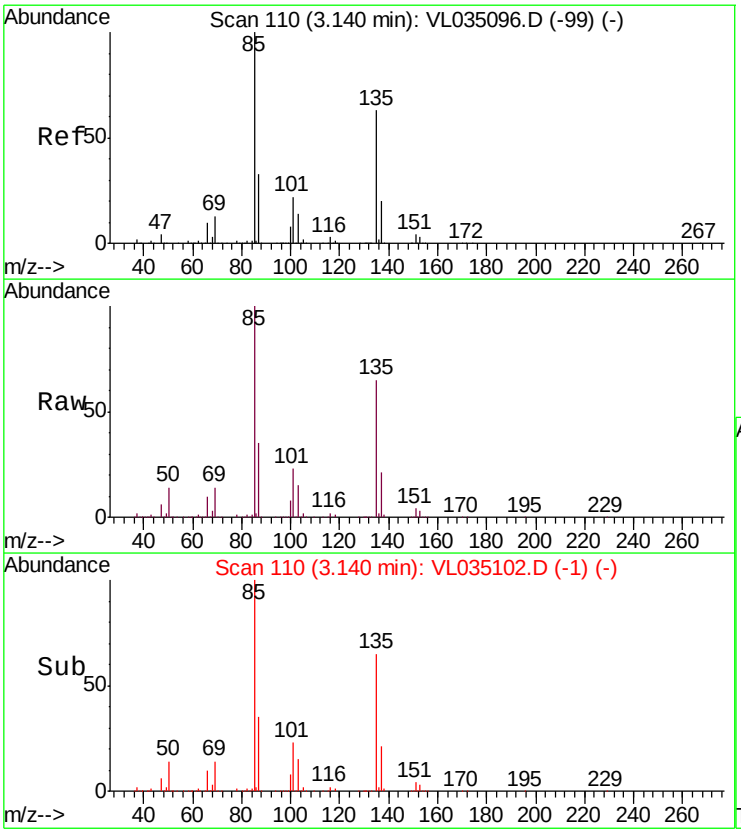
#7
Chloroethane
Concen: 13.293 ppbv
RT: 3.51 min Scan# 226
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 411965

Ion	Ratio	Lower	Upper
64	100		
66	30.2	24.2	36.4

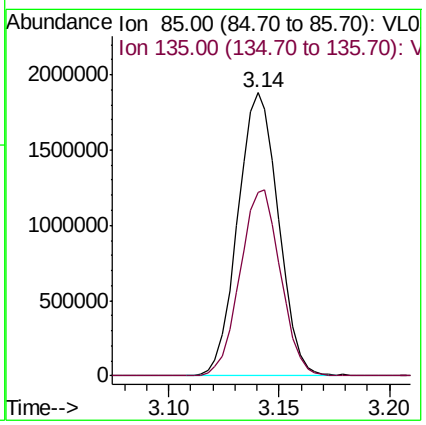


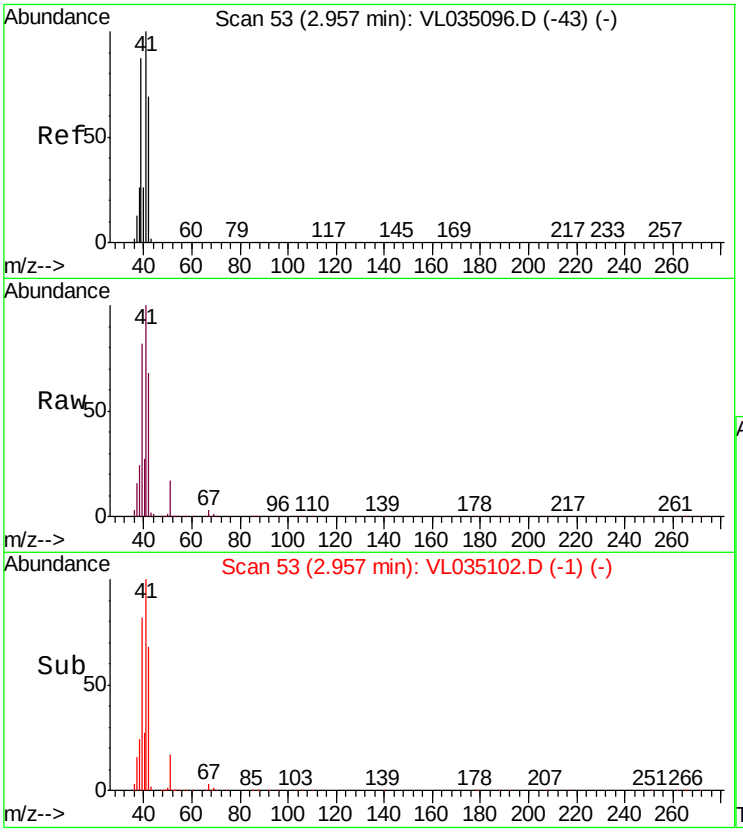


#8
Dichlorotetrafluoroethane
Concen: 12.063 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 85 Resp: 2408182

Ion	Ratio	Lower	Upper
85	100		
135	65.4	51.0	76.6



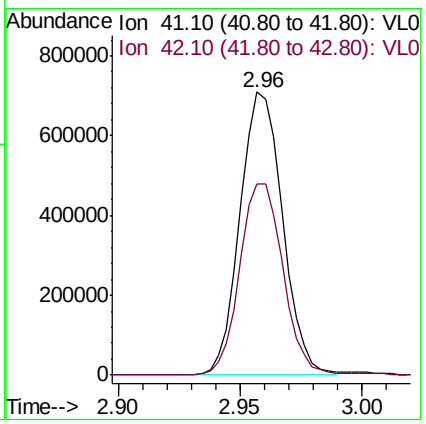


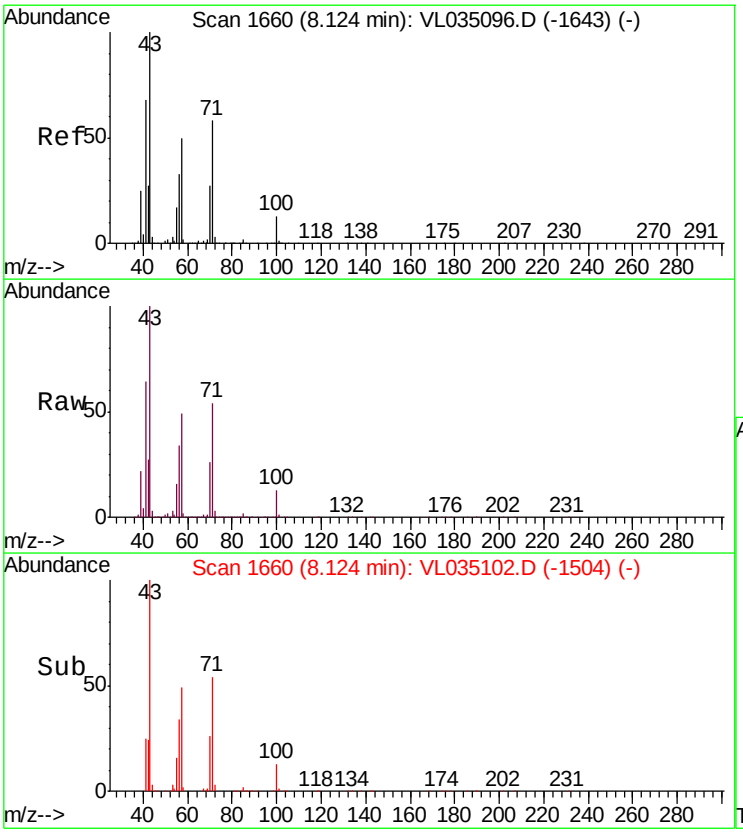
#9
Propene
Concen: 12.946 ppbv
RT: 2.96 min Scan# 53
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 859699

Ion	Ratio	Lower	Upper
41	100		
42	69.3	55.8	83.6

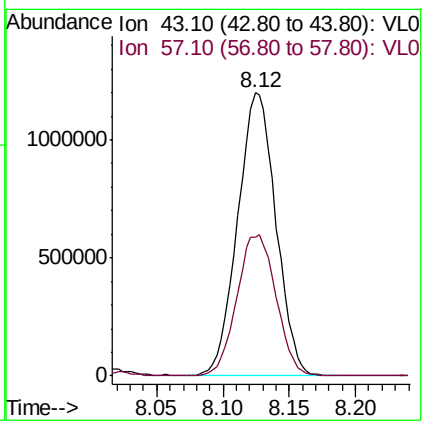


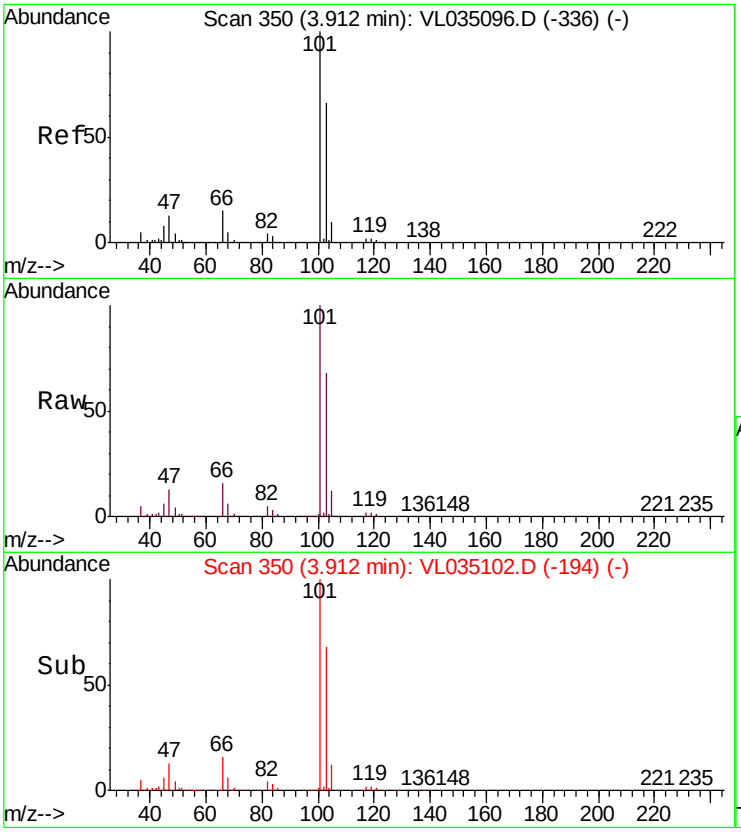


#10
Heptane
Concen: 14.407 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 43 Resp: 2398714

Ion	Ratio	Lower	Upper
43	100		
57	51.3	41.9	62.9



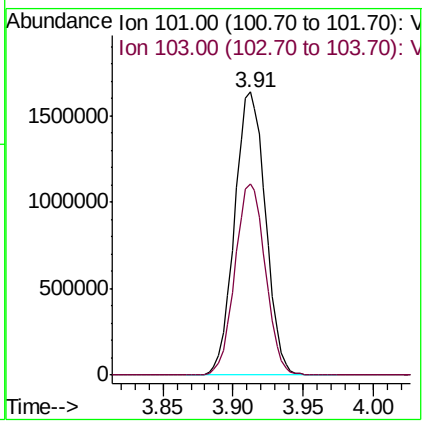


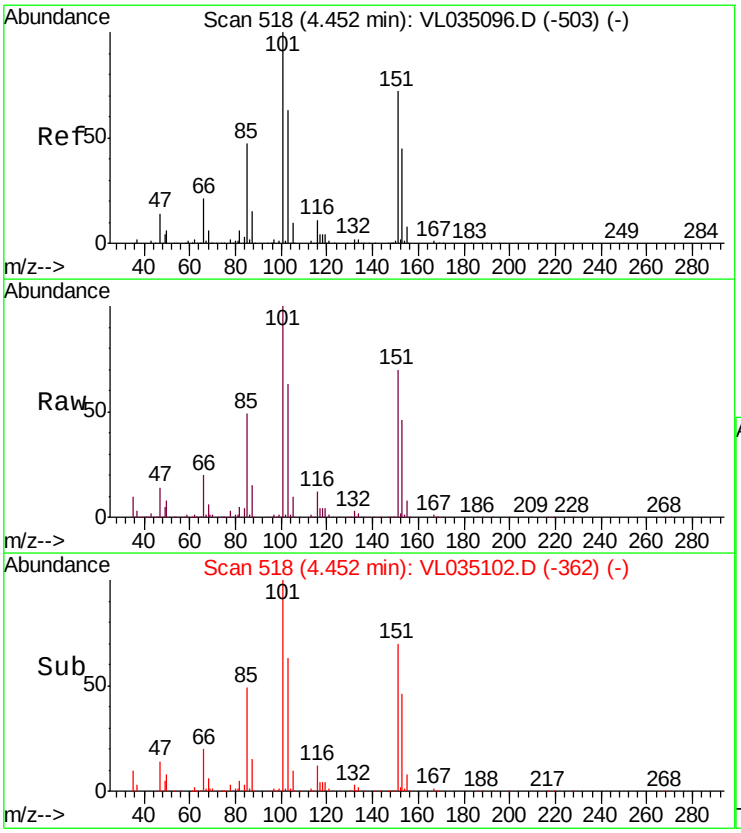
#11
Trichlorofluoromethane
Concen: 12.737 ppbv
RT: 3.91 min Scan# 350
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2522627

Ion	Ratio	Lower	Upper
101	100		
103	67.5	52.6	79.0

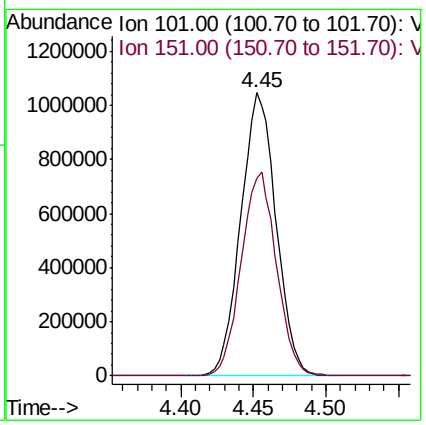


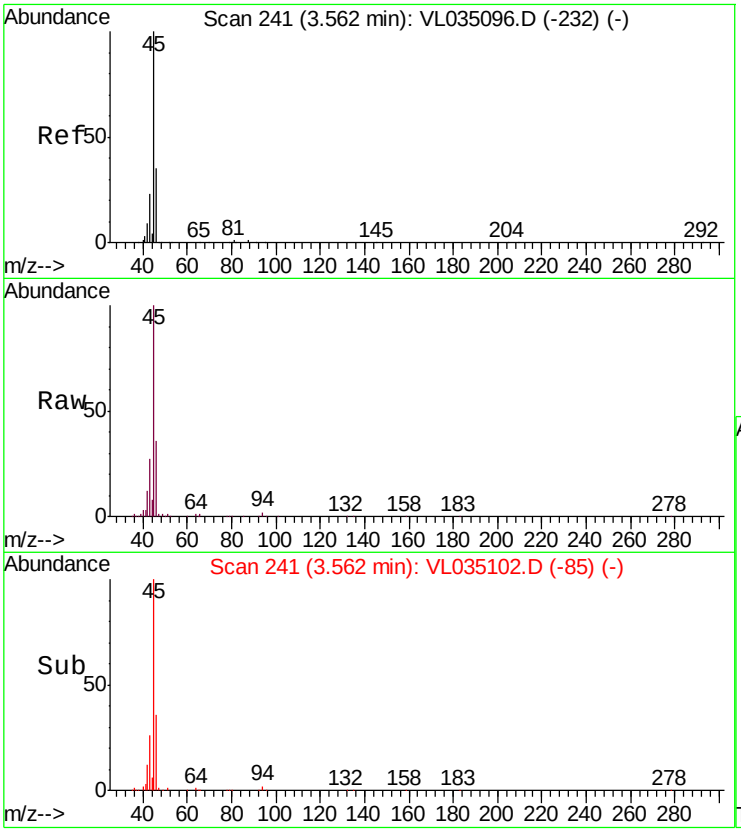


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.623 ppbv
RT: 4.45 min Scan# 518
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:101 Resp: 1776814

Ion	Ratio	Lower	Upper
101	100		
151	71.7	56.6	85.0



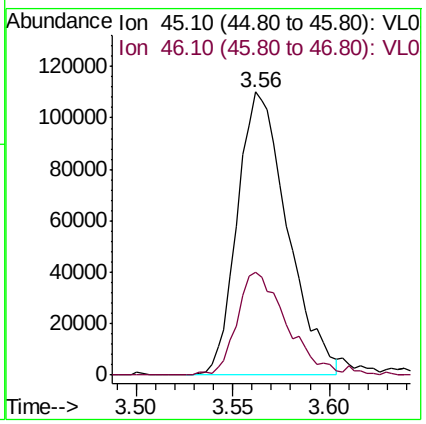


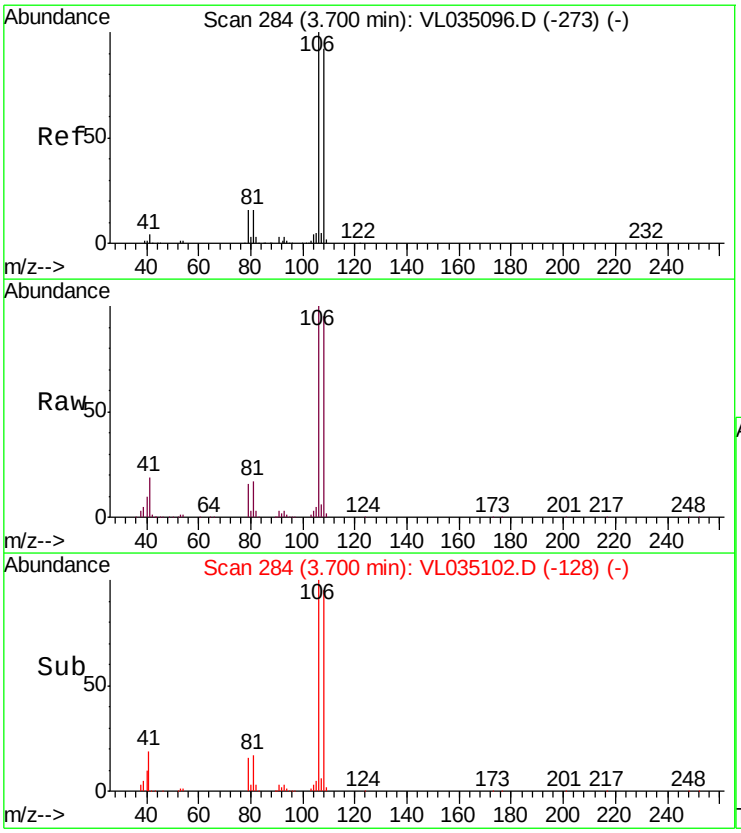
#13
Ethanol
Concen: 9.254 ppbv
RT: 3.56 min Scan# 241
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 198696

Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.2	57.0

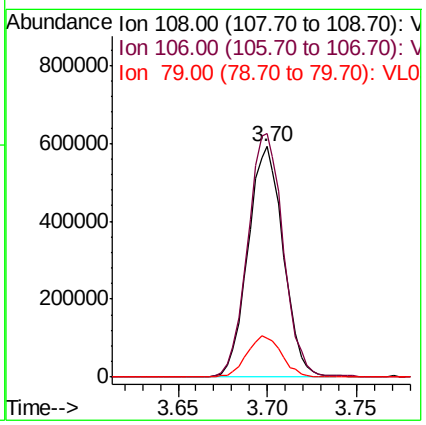


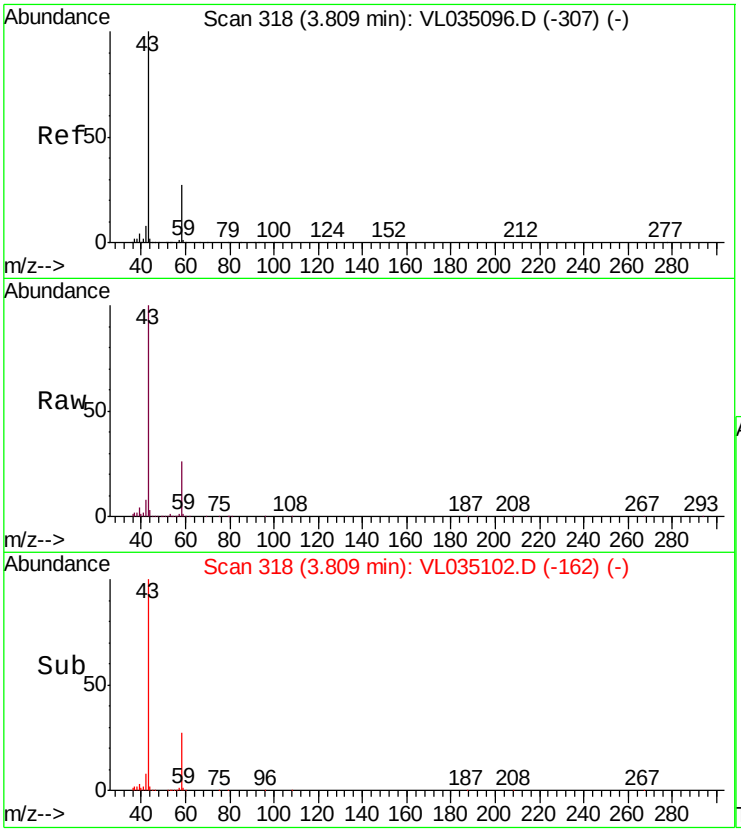


#14
Bromoethene
Concen: 14.076 ppbv
RT: 3.70 min Scan# 284
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:108 Resp: 820223

Ion	Ratio	Lower	Upper
108	100		
106	107.3	84.4	126.6
79	17.9	14.2	21.2



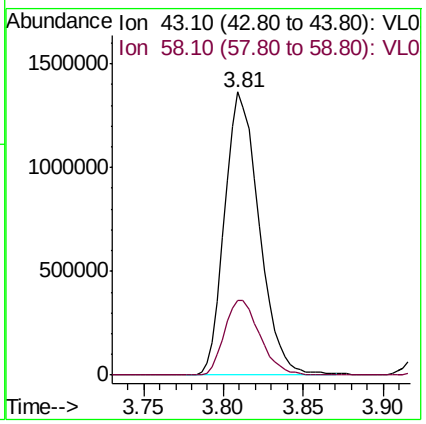


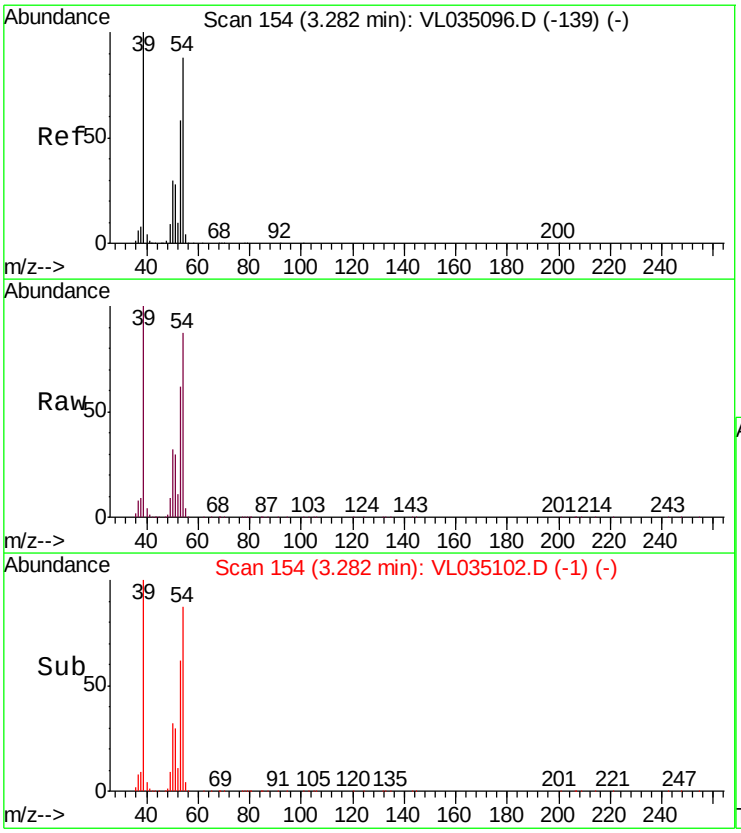
#15
Acetone
Concen: 11.180 ppbv
RT: 3.81 min Scan# 318
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 1997171

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.8	32.6

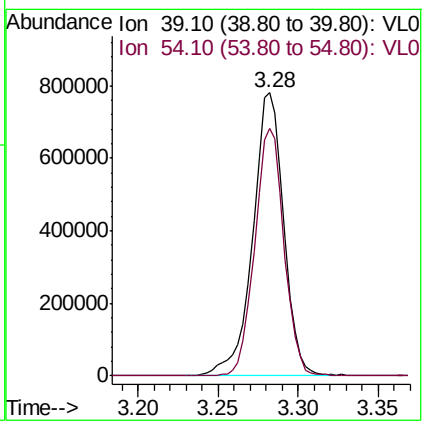


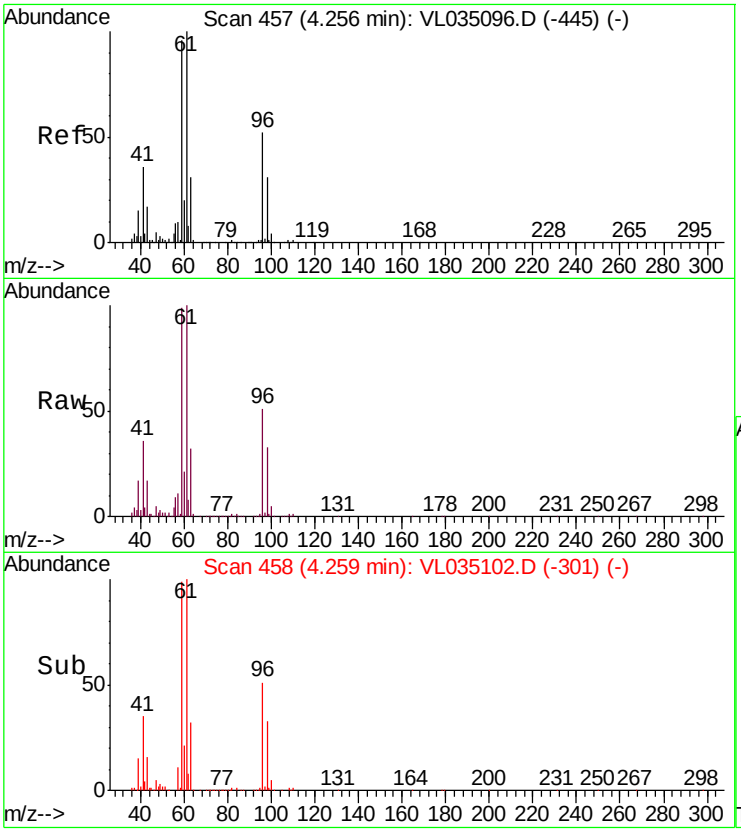


#16
1,3-Butadiene
Concen: 13.443 ppbv
RT: 3.28 min Scan# 154
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 39 Resp: 1034917

Ion	Ratio	Lower	Upper
39	100		
54	82.9	67.0	100.4



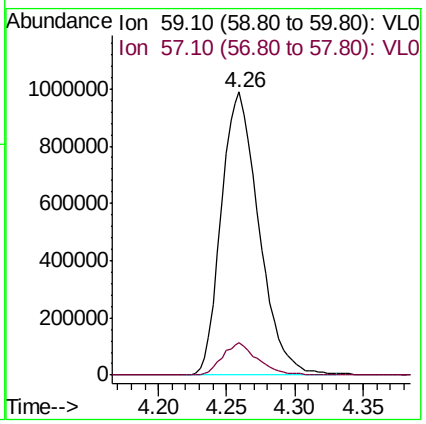


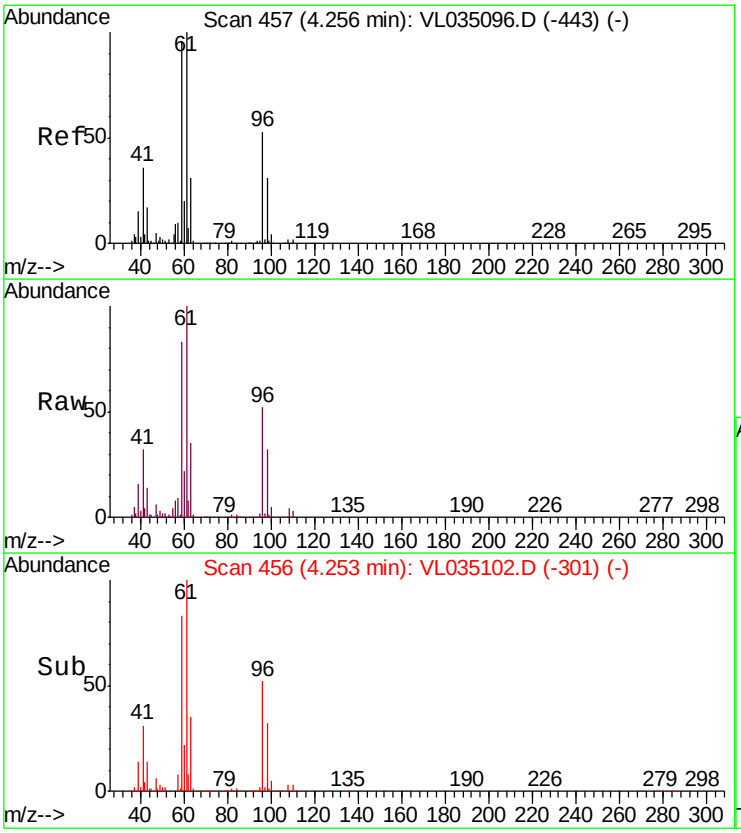
#17
tert-Butyl alcohol
Concen: 11.989 ppbv
RT: 4.26 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1899961

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

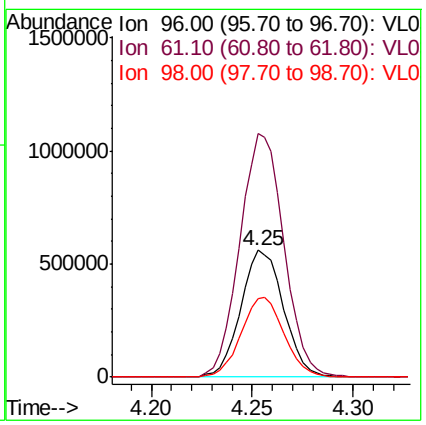


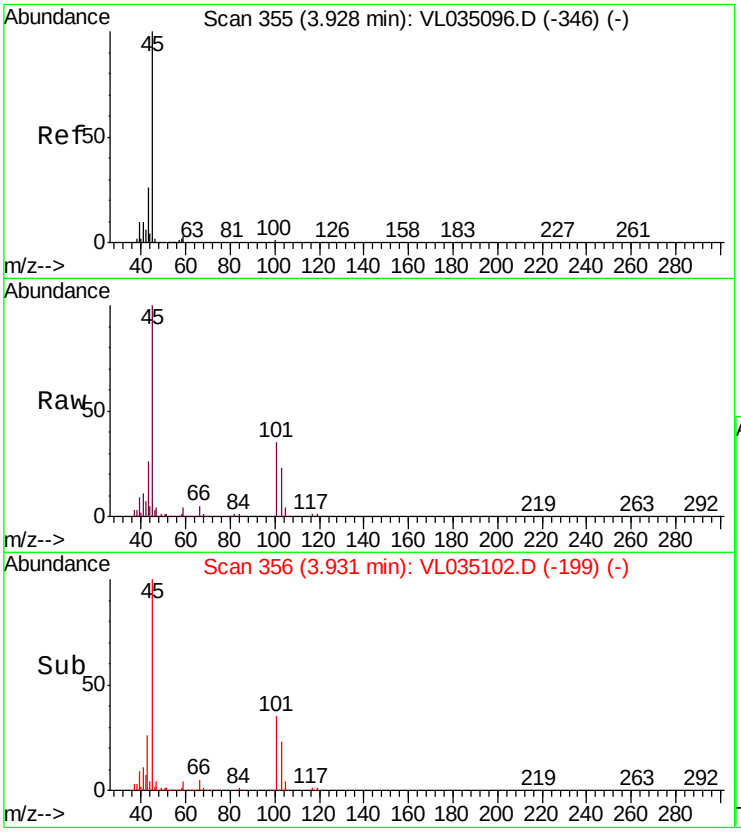


#18
1,1-Dichloroethene
Concen: 13.597 ppbv
RT: 4.25 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 96 Resp: 831095

Ion	Ratio	Lower	Upper
96	100		
61	191.8	152.2	228.4
98	61.4	47.7	71.5



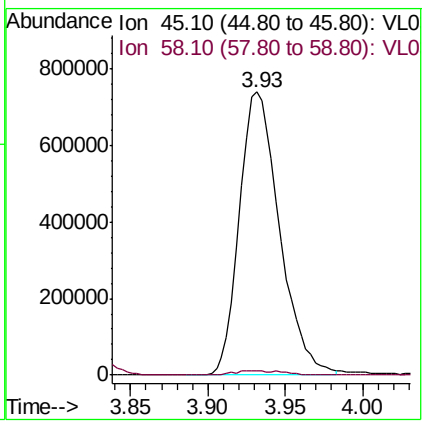


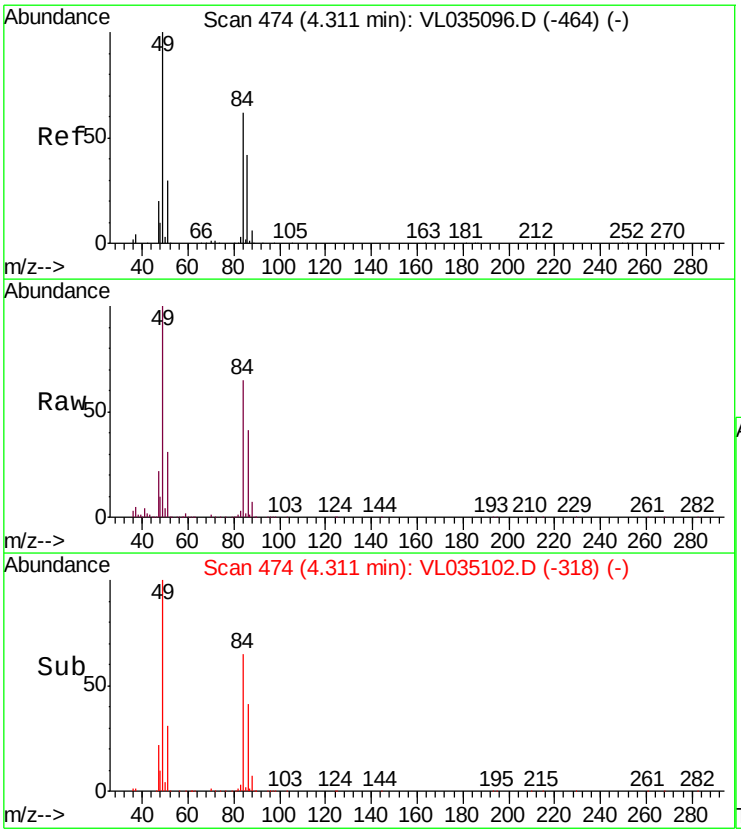
#19
Isopropyl Alcohol
Concen: 11.344 ppbv
RT: 3.93 min Scan# 356
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 1335191

Ion	Ratio	Lower	Upper
45	100		
58	2.2	1.8	2.8

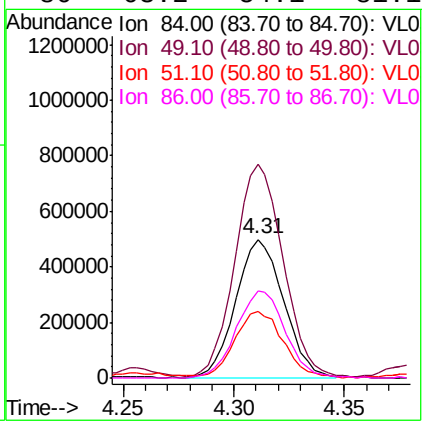


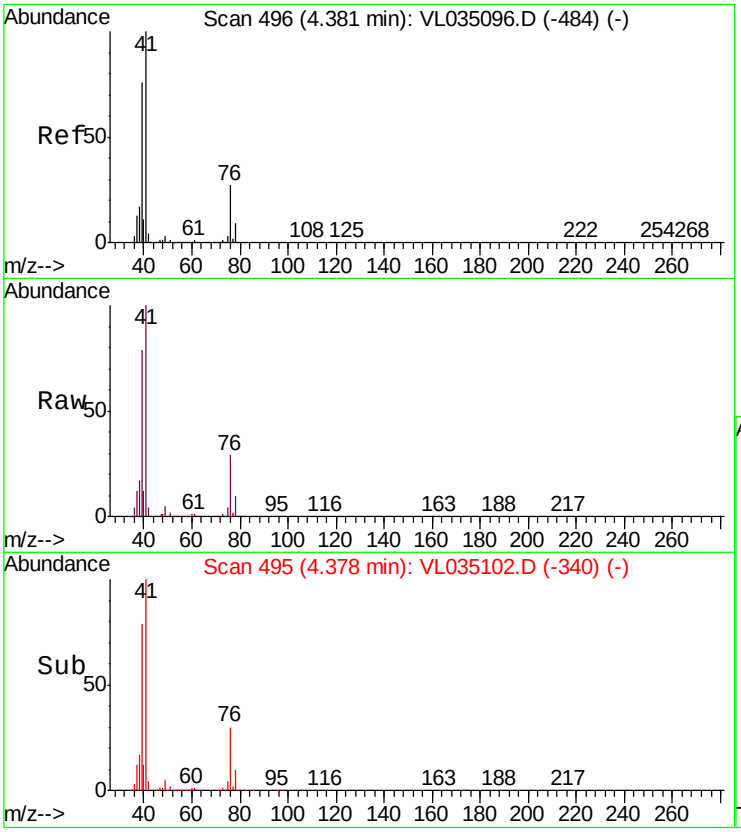


#20
Methylene Chloride
Concen: 12.635 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 84 Resp: 746646

Ion	Ratio	Lower	Upper
84	100		
49	153.2	128.8	193.2
51	47.0	38.7	58.1
86	63.2	54.1	81.1



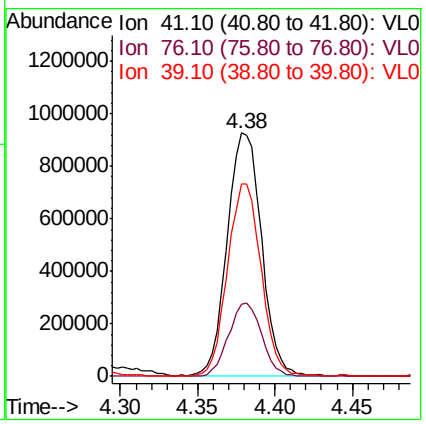


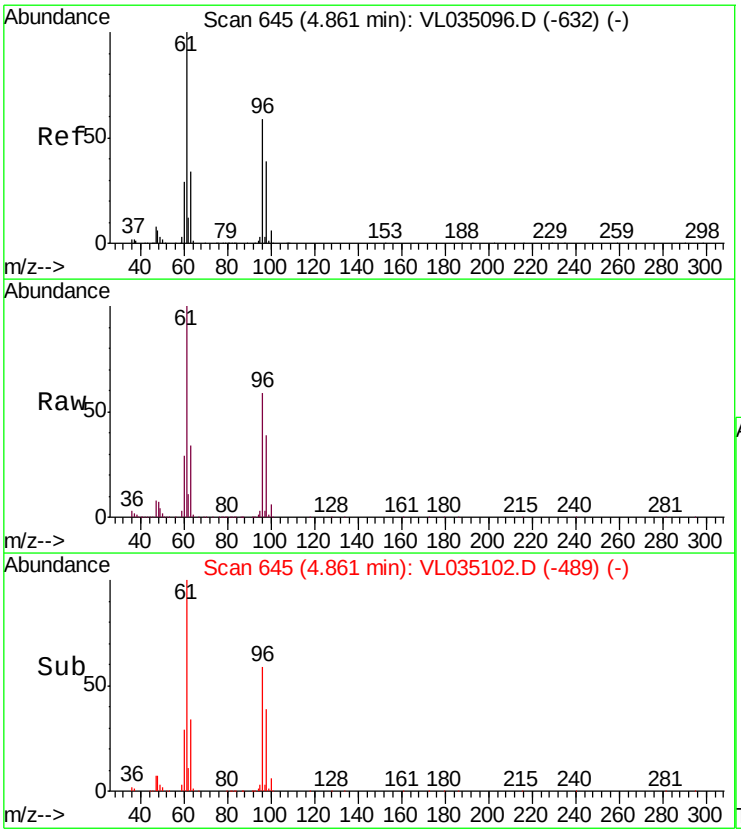
#21
Allyl Chloride
Concen: 14.116 ppbv
RT: 4.38 min Scan# 495
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 41 Resp: 1420514

Ion	Ratio	Lower	Upper
41	100		
76	29.2	22.6	34.0
39	77.6	61.6	92.4

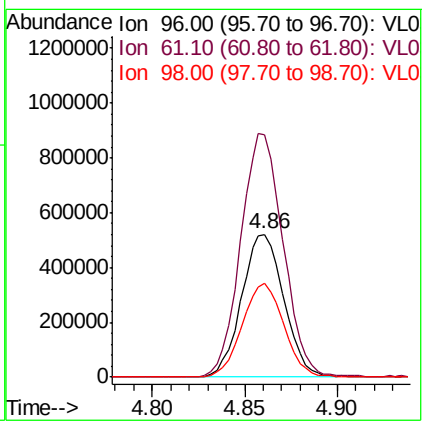


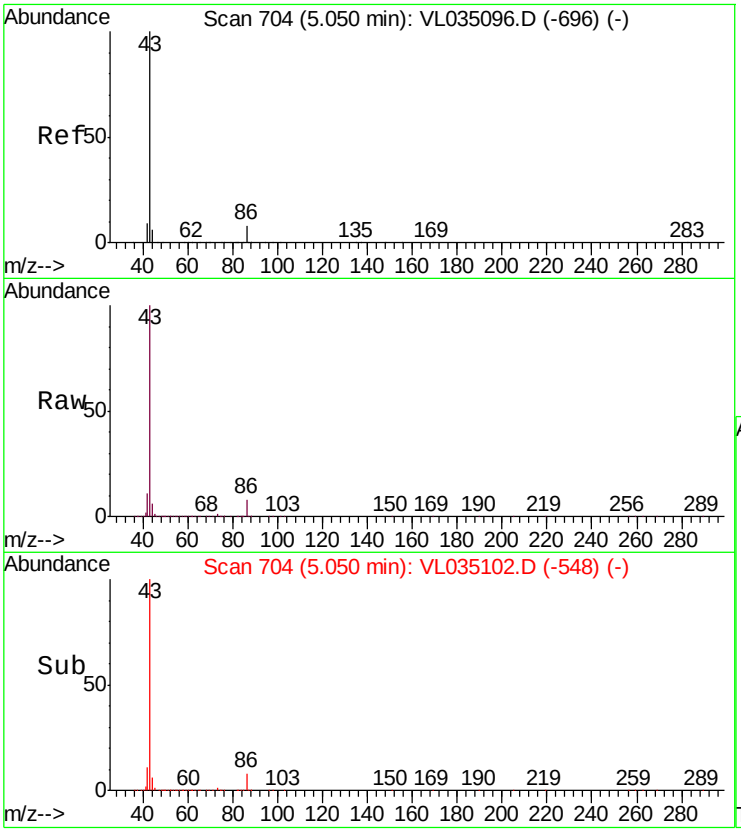


#22
trans-1,2-Dichloroethene
Concen: 13.739 ppbv
RT: 4.86 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 96 Resp: 822893

Ion	Ratio	Lower	Upper
96	100		
61	170.1	134.5	201.7
98	65.7	52.6	79.0



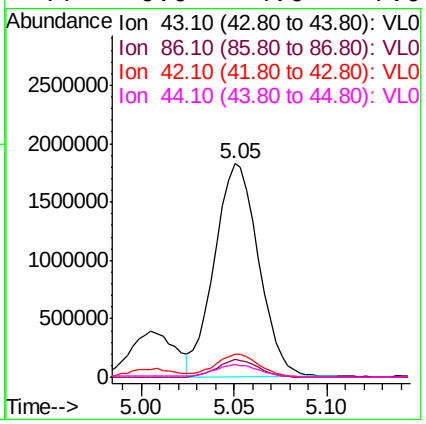


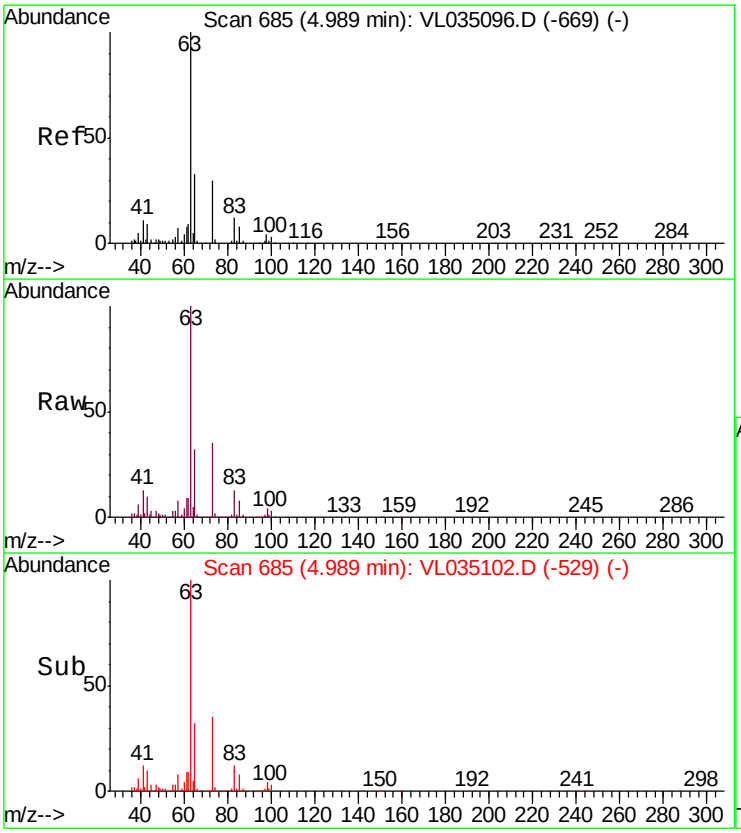
#23
Vinyl Acetate
Concen: 13.445 ppbv
RT: 5.05 min Scan# 704
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3013236

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.2	9.2
42	10.6	8.1	12.1
44	6.0	4.6	7.0

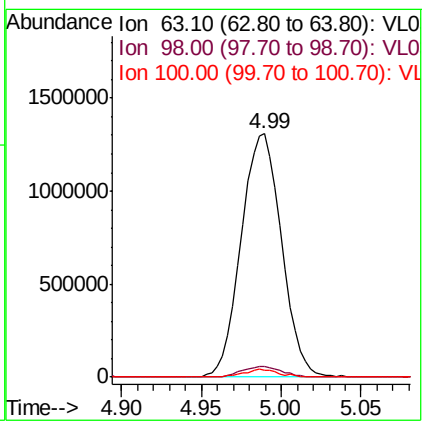


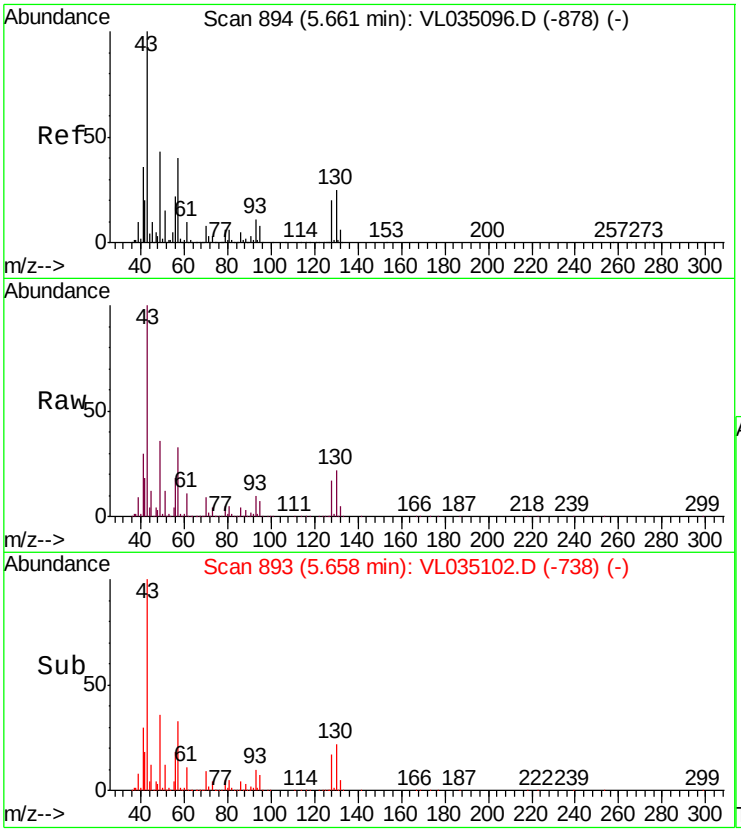


#24
1,1-Dichloroethane
Concen: 12.845 ppbv
RT: 4.99 min Scan# 685
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 63 Resp: 2243512

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.9
100	3.0	1.4	4.0



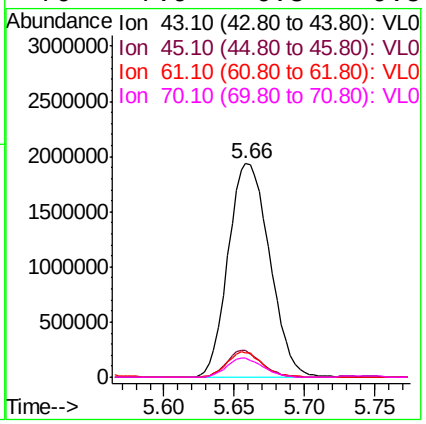


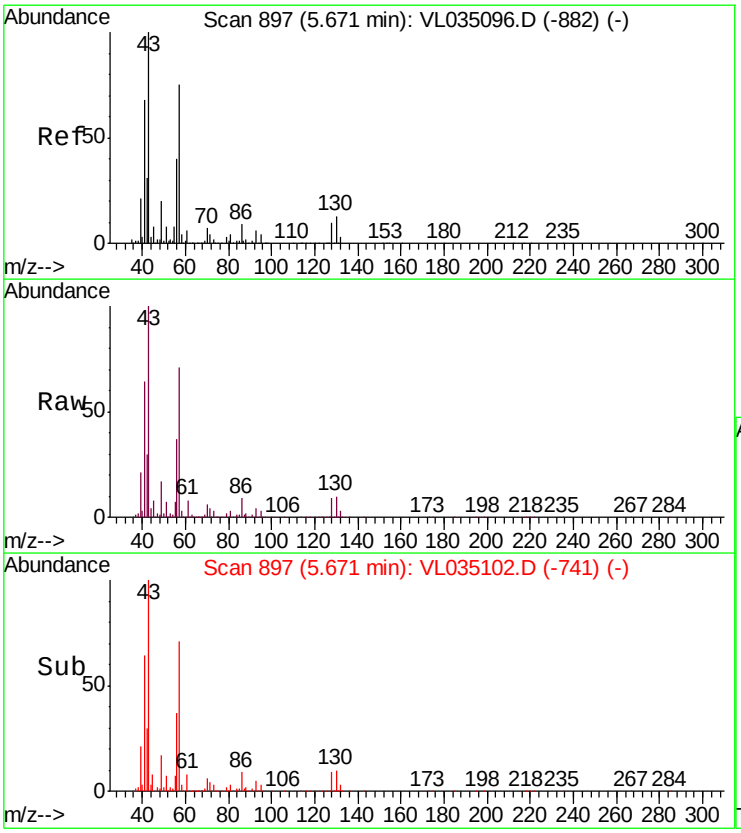
#25
Ethyl Acetate
Concen: 13.284 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 3984285

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.4	12.6
61	10.2	8.0	12.0
70	7.9	6.3	9.5

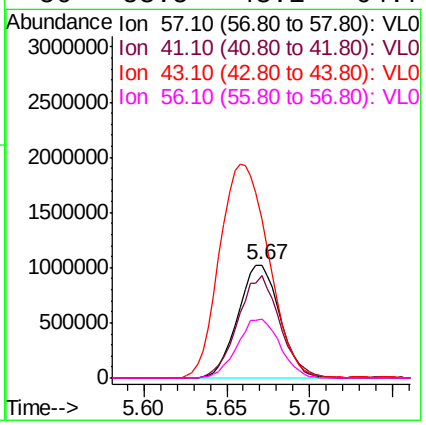


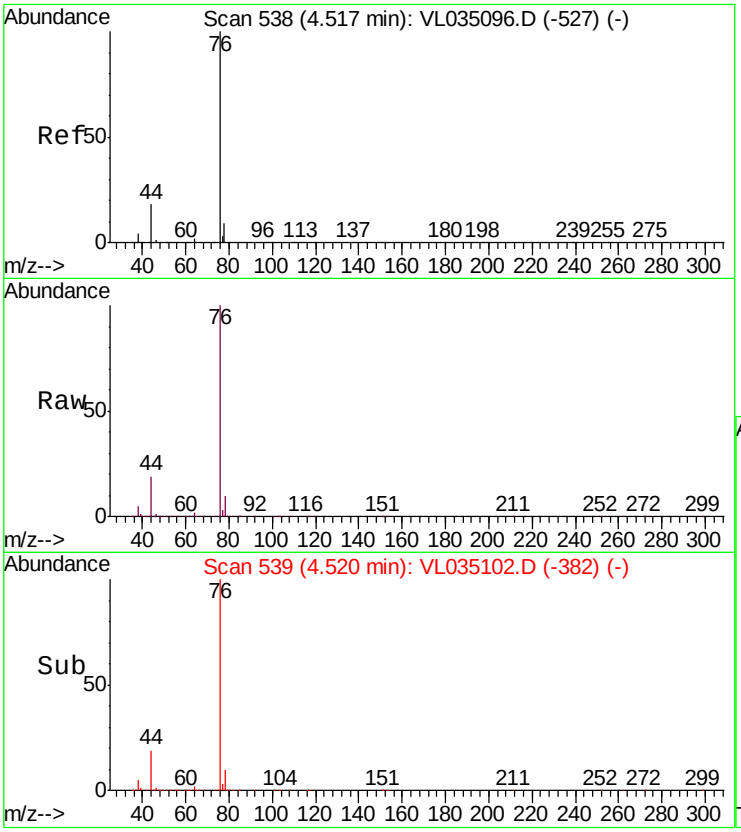


#26
Hexane
Concen: 13.774 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 57 Resp: 1792392

Ion	Ratio	Lower	Upper
57	100		
41	91.4	72.9	109.3
43	223.7	181.3	271.9
56	53.5	43.1	64.7



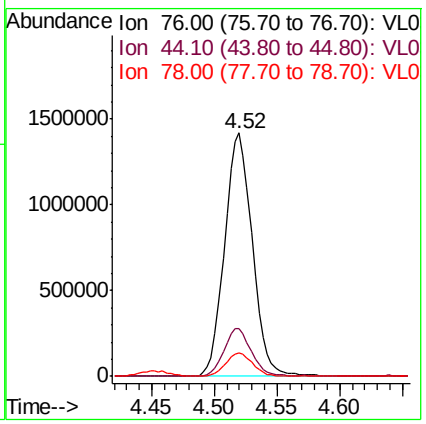


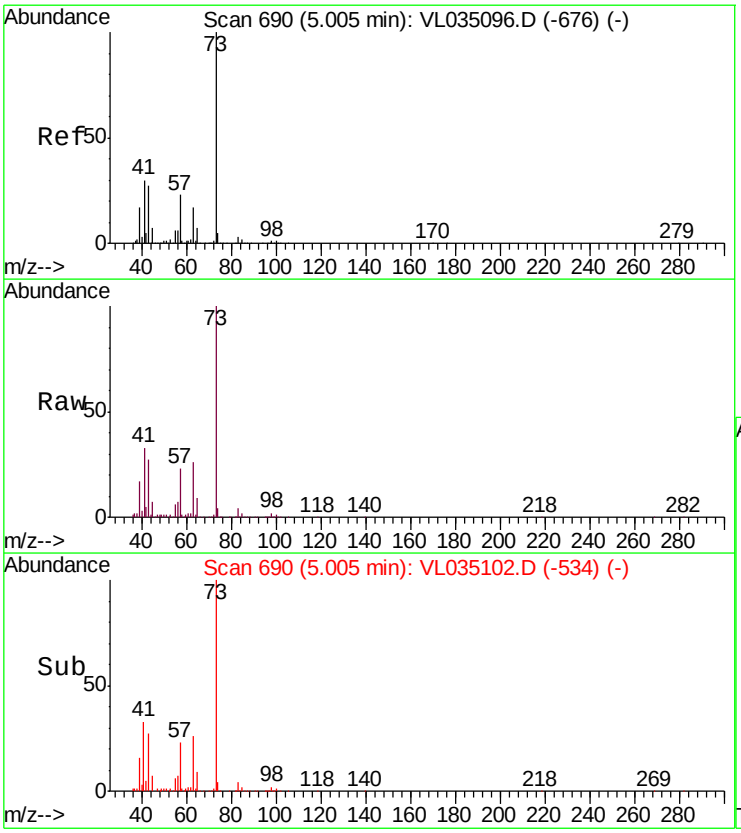
#27
Carbon Disulfide
Concen: 14.383 ppbv
RT: 4.52 min Scan# 539
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 76 Resp: 2182759

Ion	Ratio	Lower	Upper
76	100		
44	19.4	15.8	23.8
78	9.3	7.6	11.4

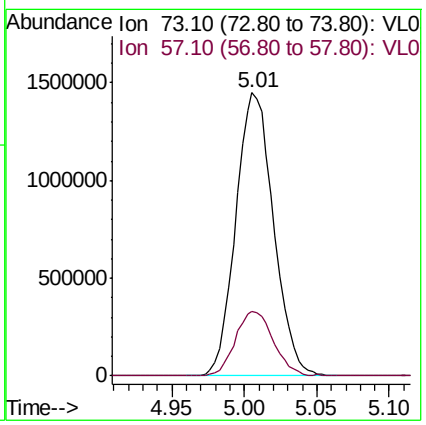


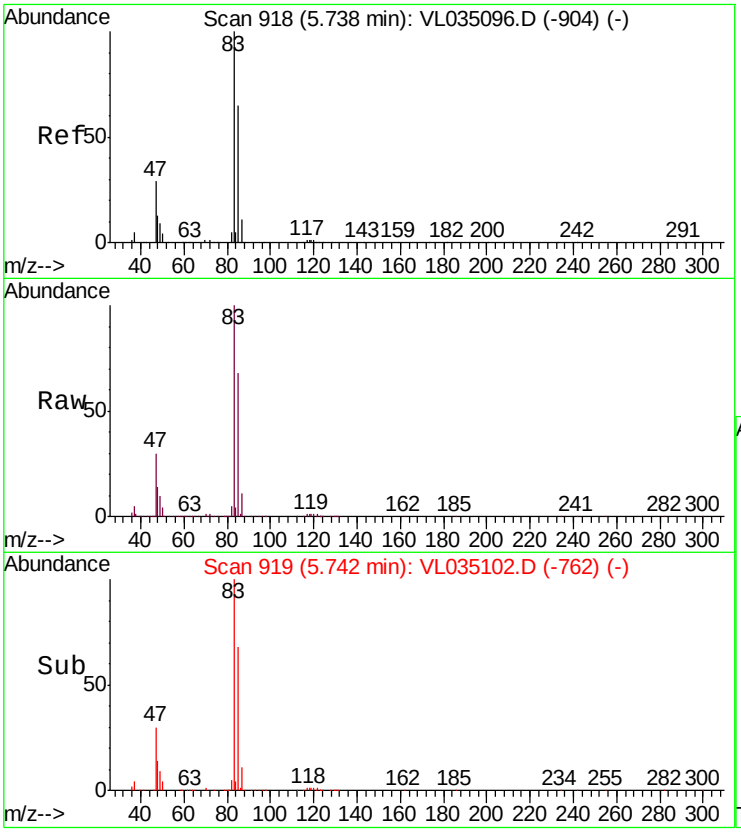


#28
Methyl tert-Butyl Ether
Concen: 13.256 ppbv
RT: 5.01 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 73 Resp: 2619529

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.5	27.7



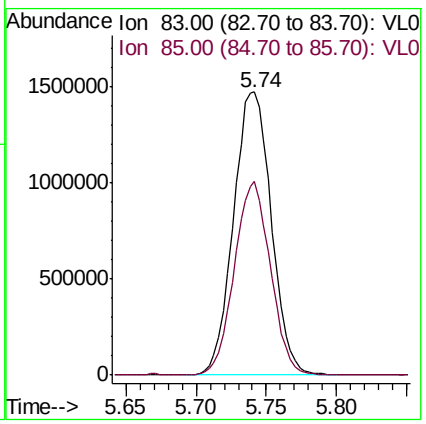


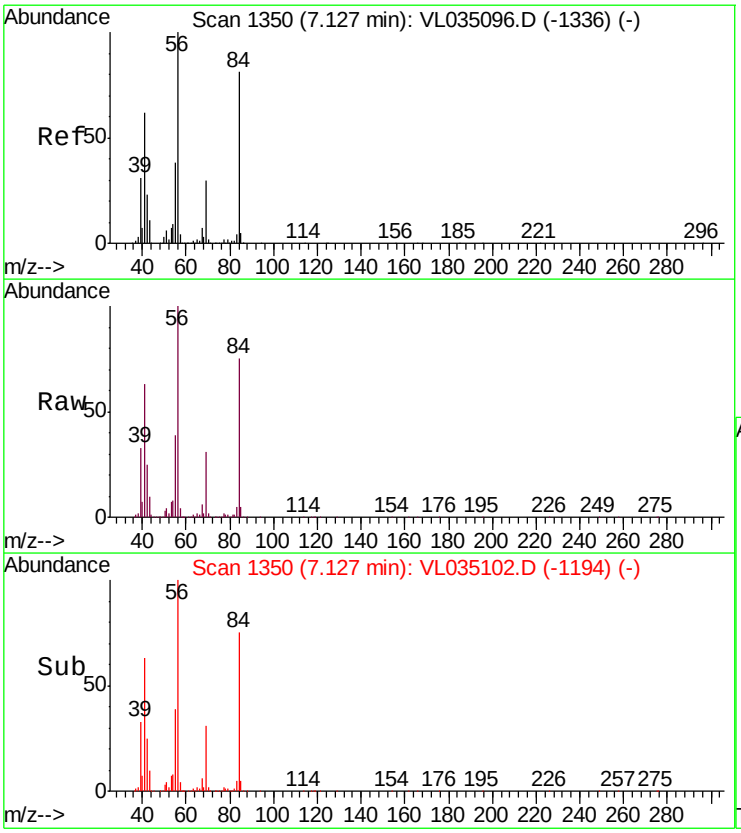
#29
Chloroform
Concen: 12.959 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2767768

Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.1	78.1

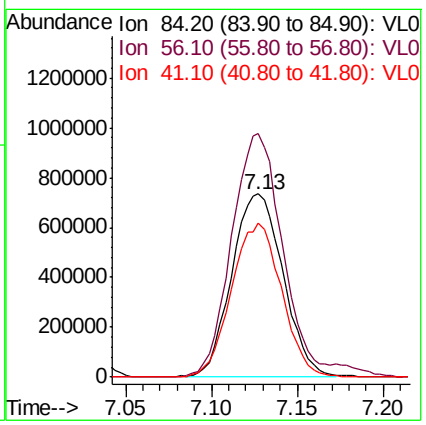


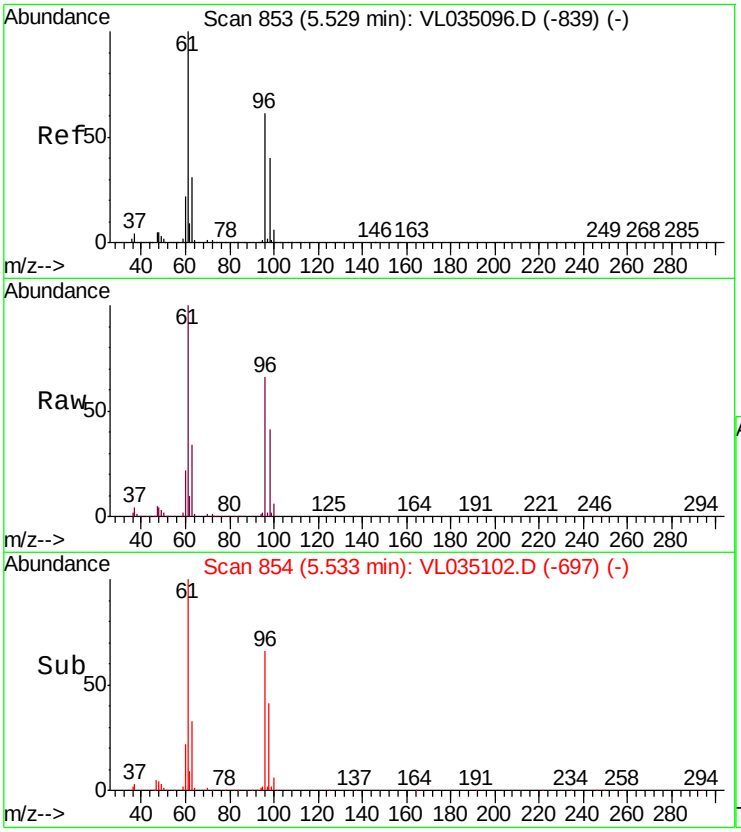


#30
Cyclohexane
Concen: 14.981 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 84 Resp: 1512192

Ion	Ratio	Lower	Upper
84	100		
56	136.8	108.0	162.0
41	82.9	65.6	98.4



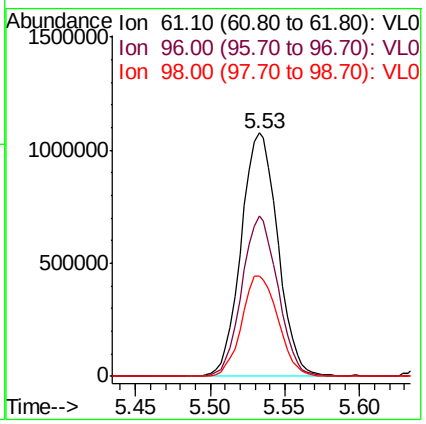


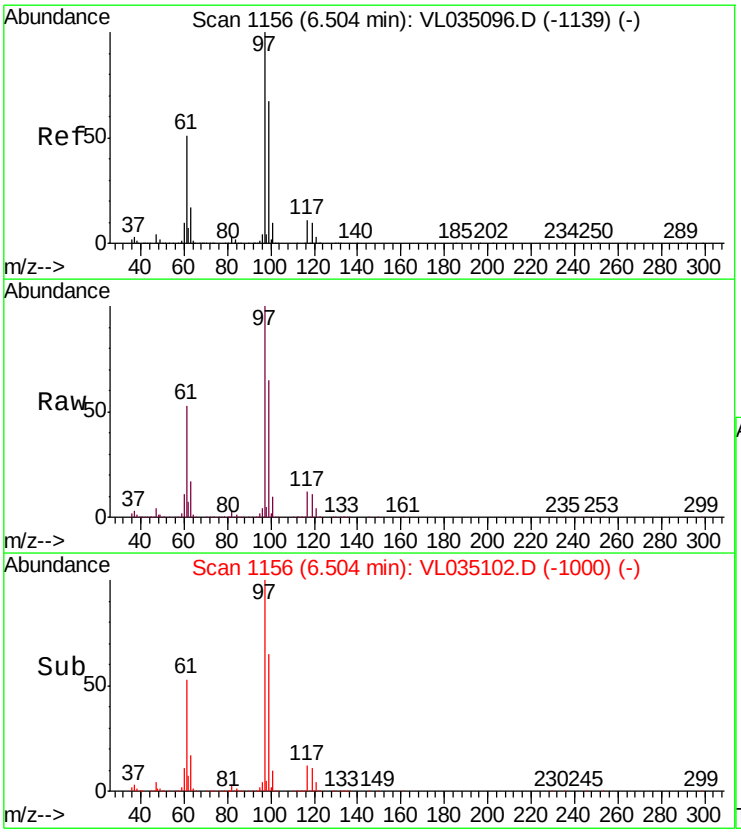
#31
cis-1,2-Dichloroethene
Concen: 14.384 ppbv
RT: 5.53 min Scan# 854
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1833139

Ion	Ratio	Lower	Upper
61	100		
96	65.9	48.8	73.2
98	41.0	31.9	47.9

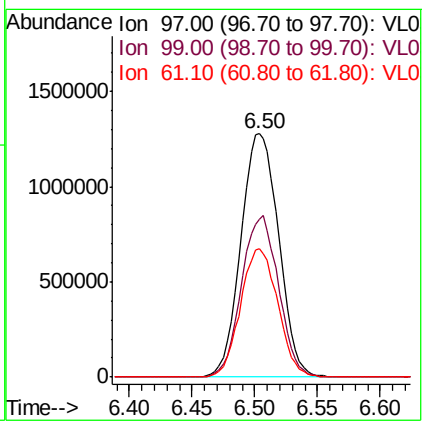


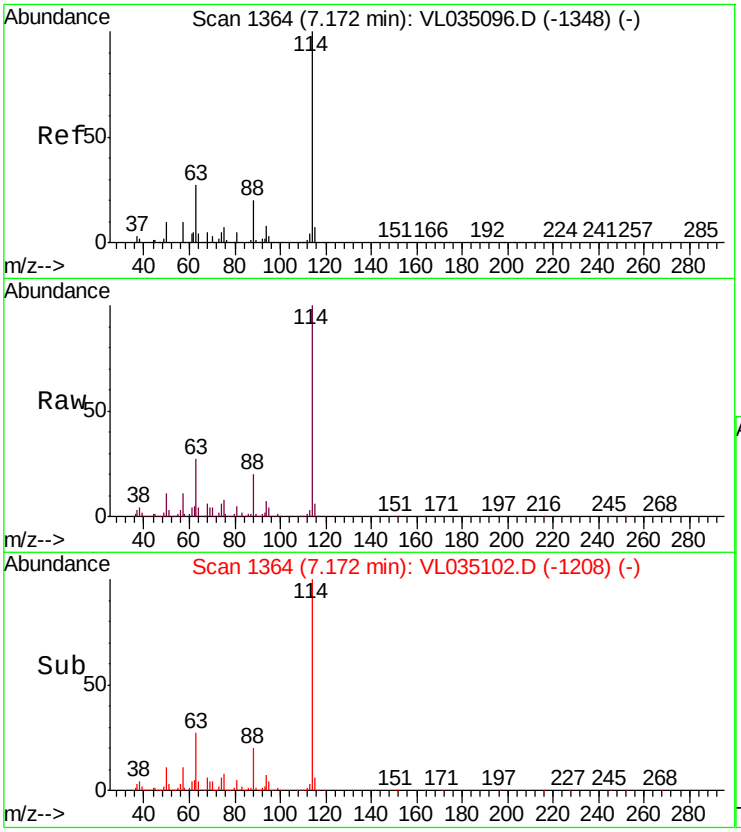


#32
1,1,1-Trichloroethane
Concen: 13.842 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 97 Resp: 2672319

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	52.2	41.0	61.6



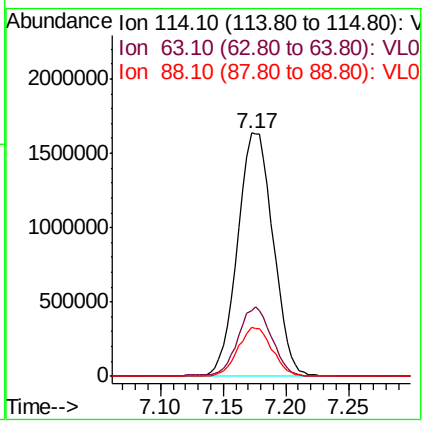


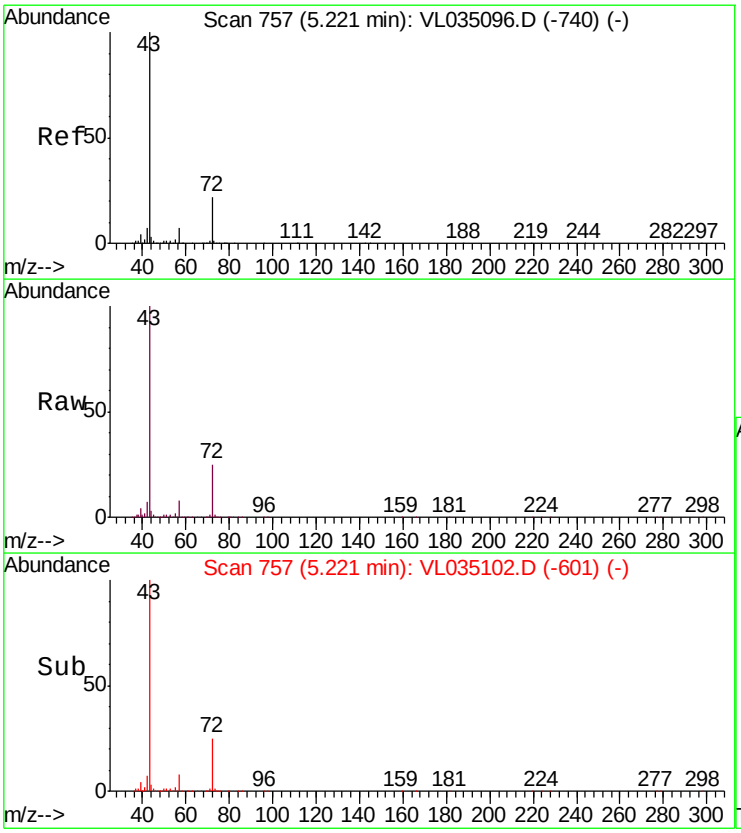
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 3222658

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.9	32.9
88	19.4	15.6	23.4

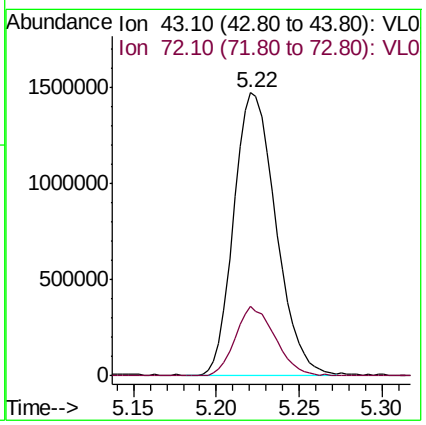


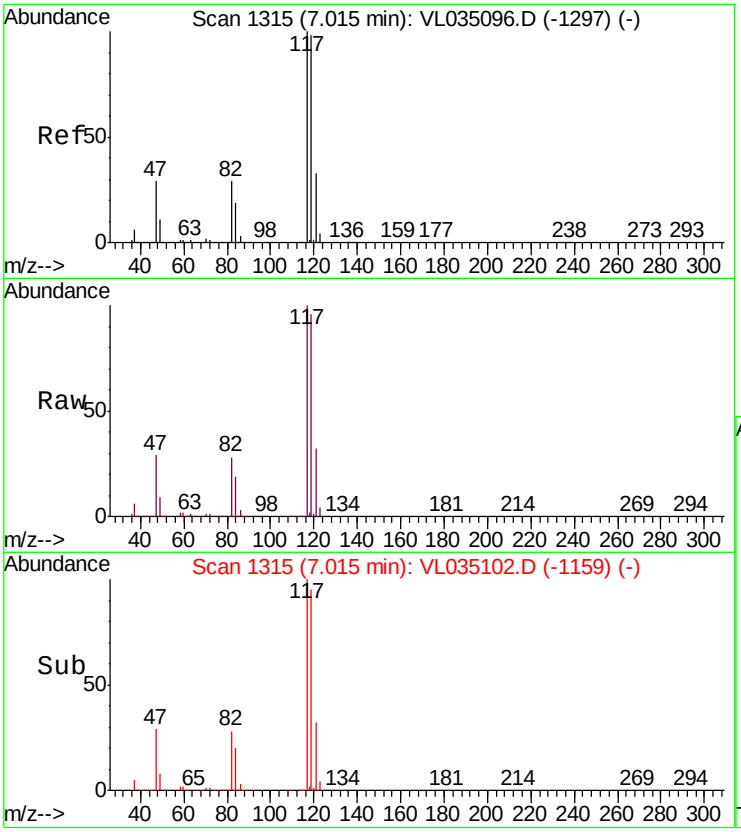


#34
2-Butanone
Concen: 13.089 ppbv
RT: 5.22 min Scan# 757
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 43 Resp: 2603868

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.3	27.5



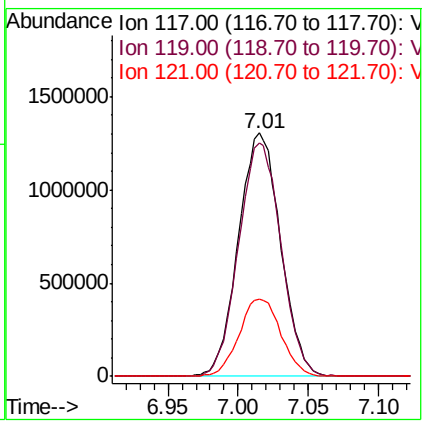


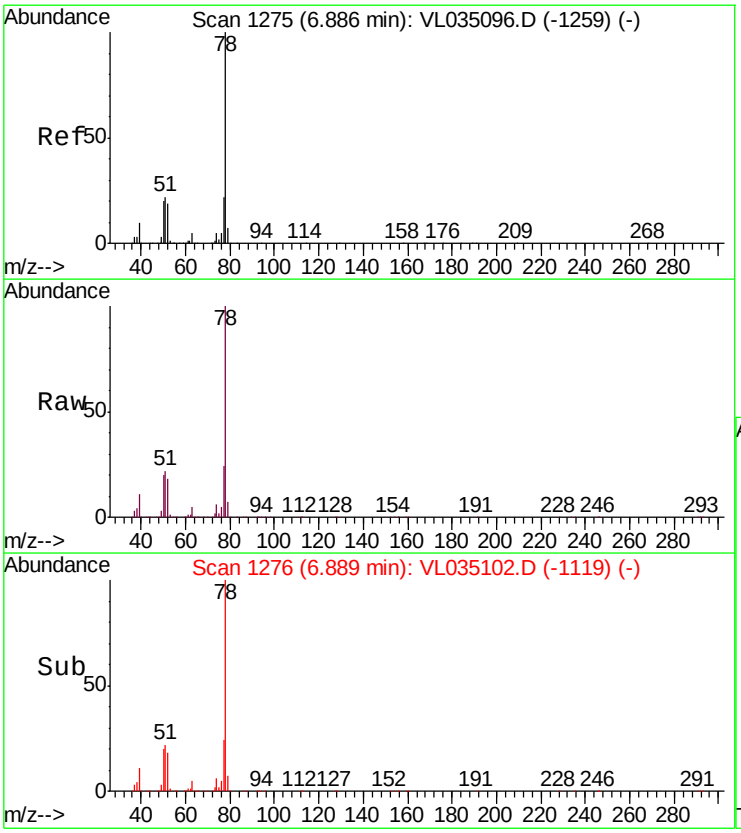
#35
Carbon Tetrachloride
Concen: 13.428 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2727477

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.3	117.5
121	31.9	26.0	39.0

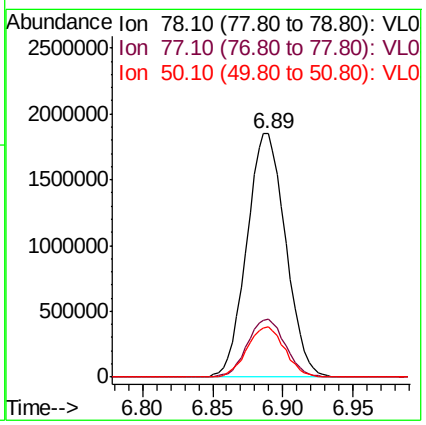


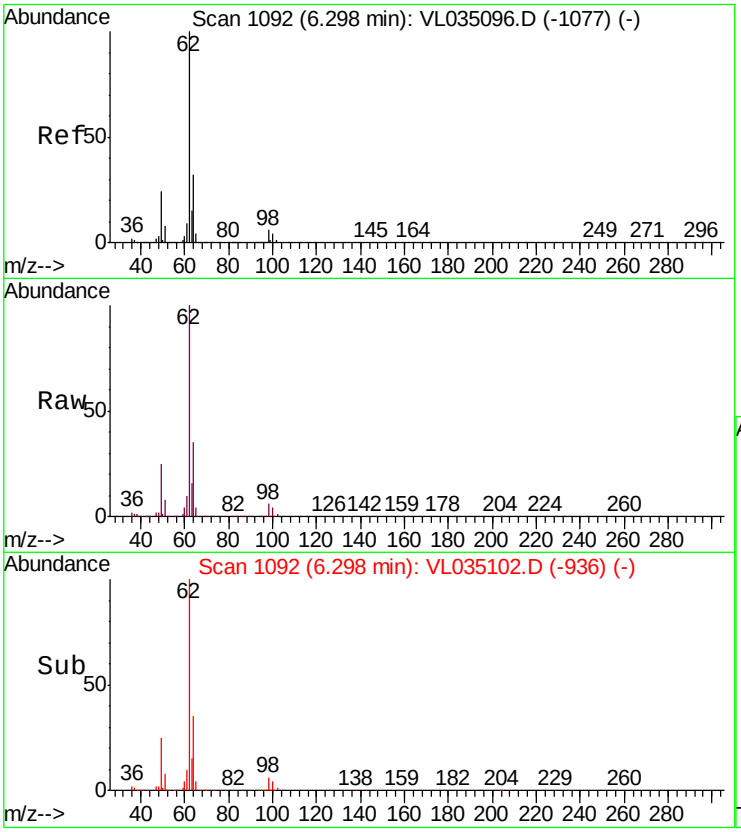


#36
Benzene
Concen: 13.442 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 78 Resp: 3565455

Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.8	26.6
50	20.5	16.2	24.2



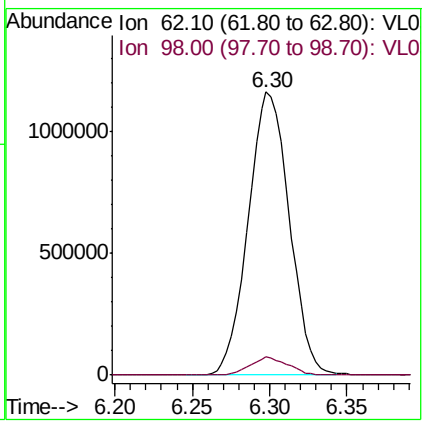


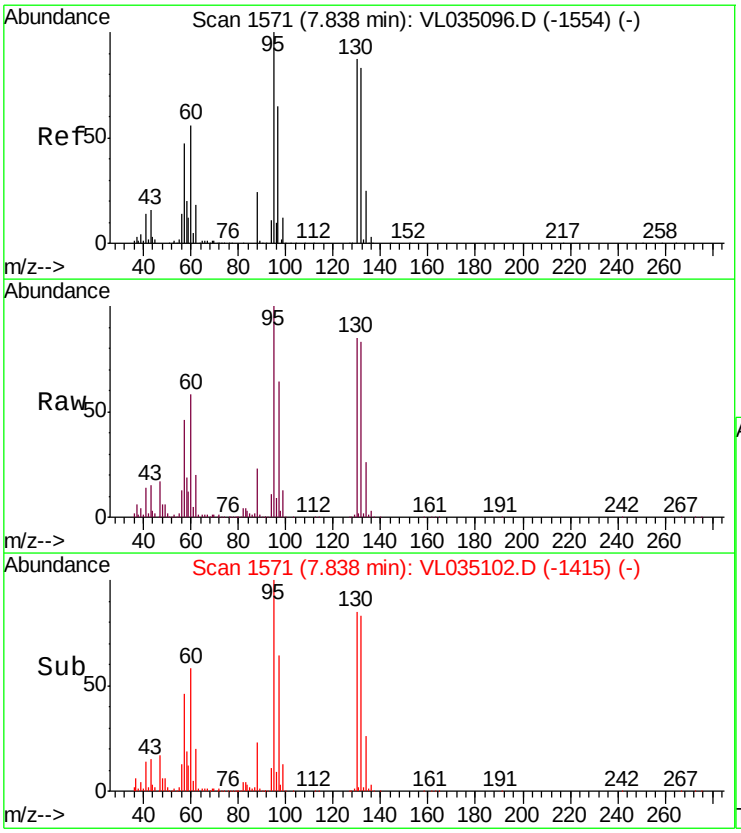
#37
1,2-Dichloroethane
Concen: 13.111 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 2150785

Ion	Ratio	Lower	Upper
62	100		
98	6.0	4.8	7.2

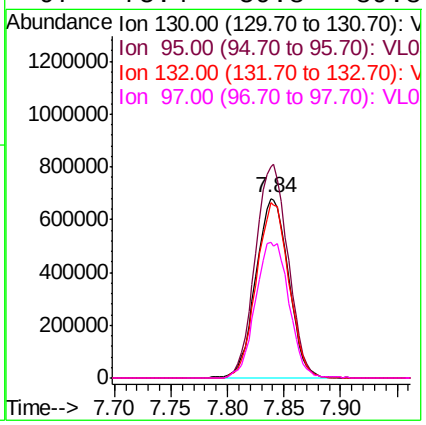


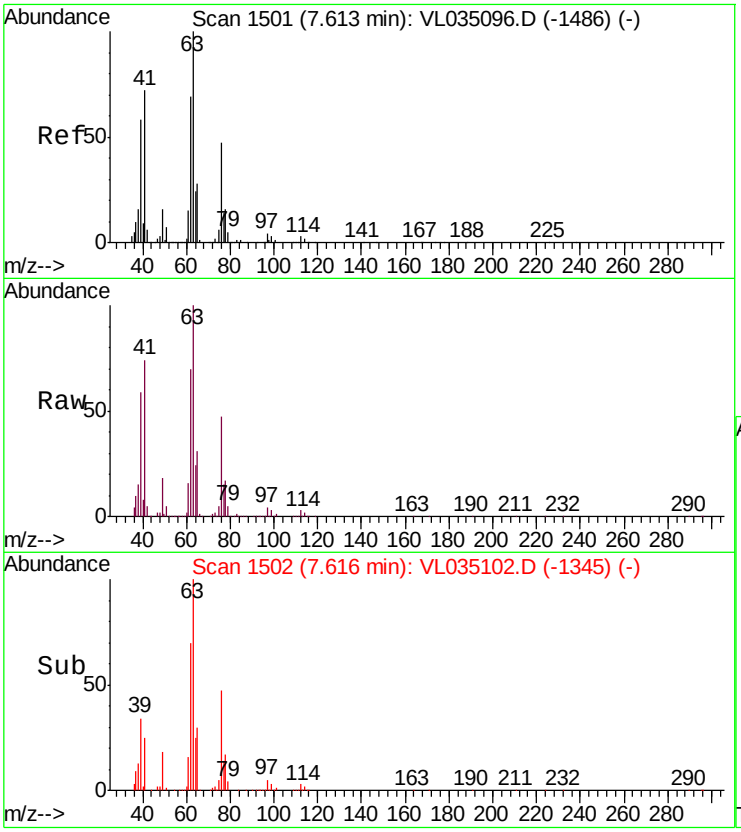


#38
Trichloroethene
Concen: 13.258 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:130 Resp: 1368737

Ion	Ratio	Lower	Upper
130	100		
95	117.3	91.4	137.2
132	97.8	75.8	113.6
97	75.4	59.8	89.8



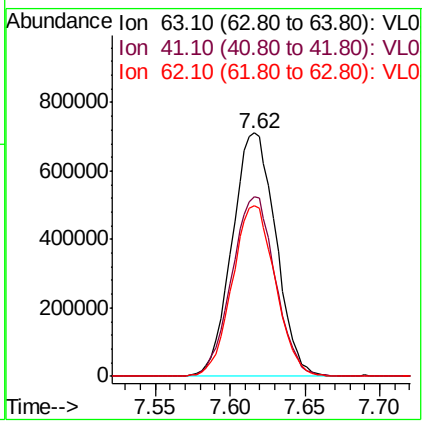


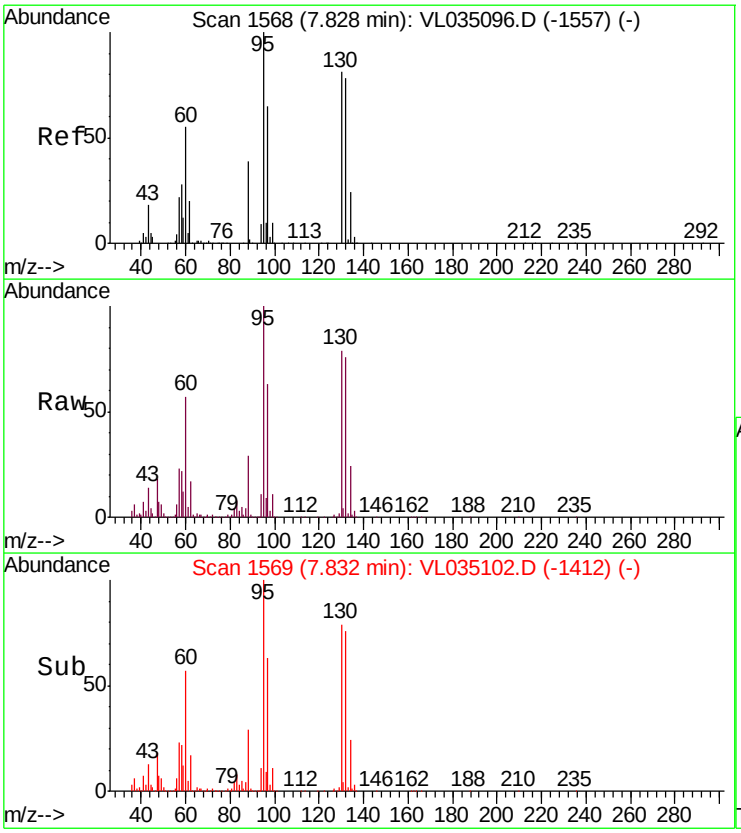
#39
1,2-Dichloropropane
Concen: 13.528 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 63 Resp: 1437434

Ion	Ratio	Lower	Upper
63	100		
41	73.5	58.0	87.0
62	70.1	55.4	83.0

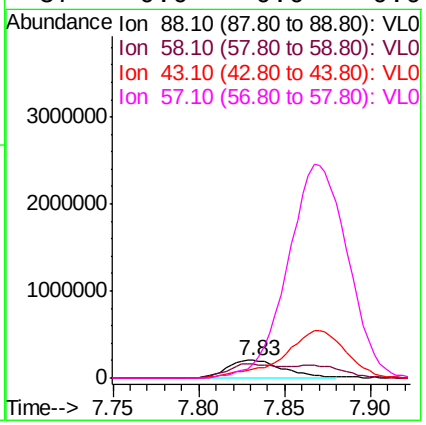


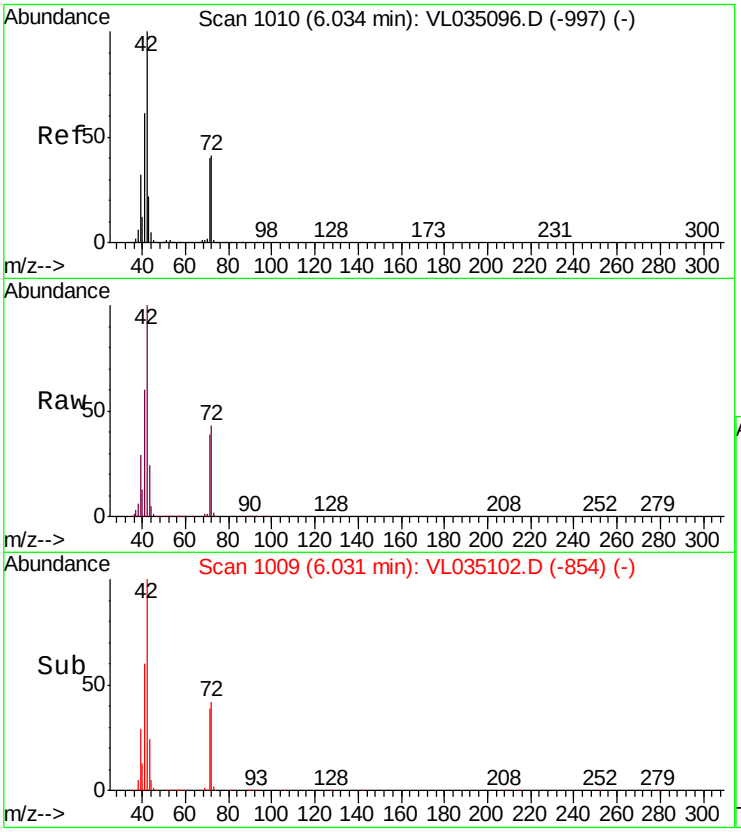


#40
1,4-Dioxane
Concen: 10.854 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 88 Resp: 459577

Ion	Ratio	Lower	Upper
88	100		
58	140.7	110.2	165.4
43	0.0	0.0	0.0
57	0.0	0.0	0.0



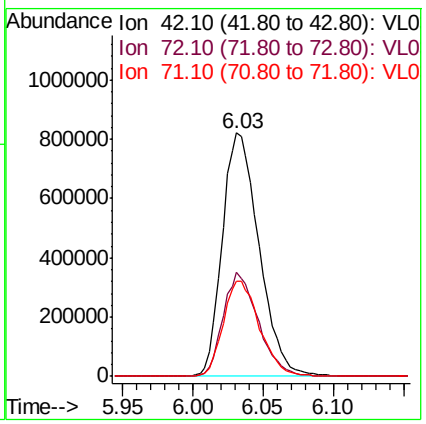


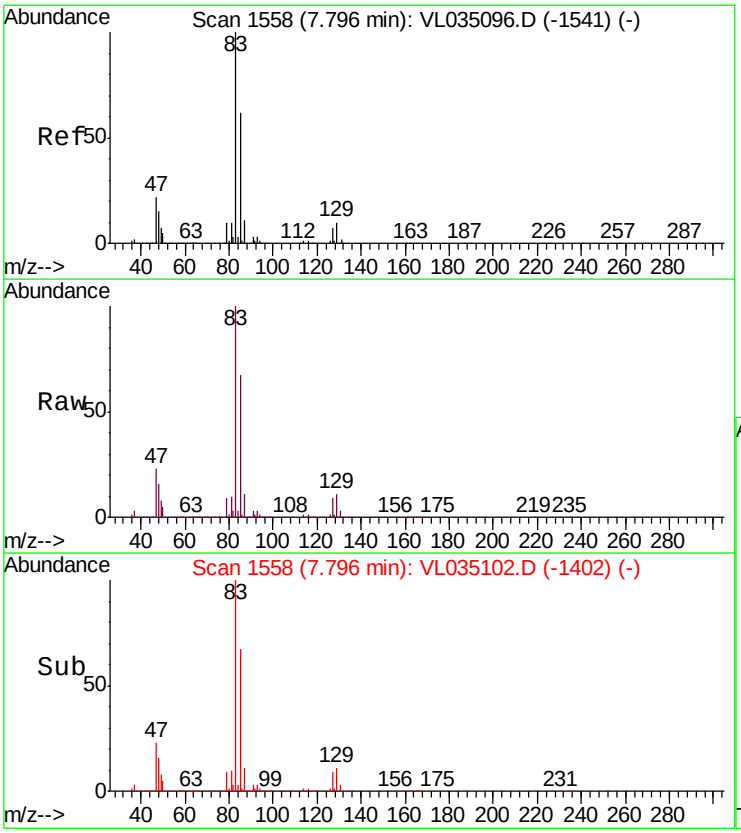
#41
Tetrahydrofuran
Concen: 14.316 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1494300

Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.4	50.2
71	38.8	31.8	47.6

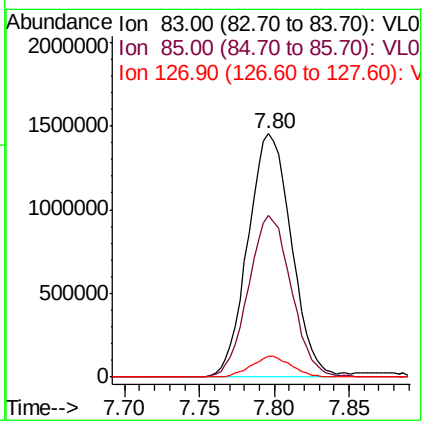


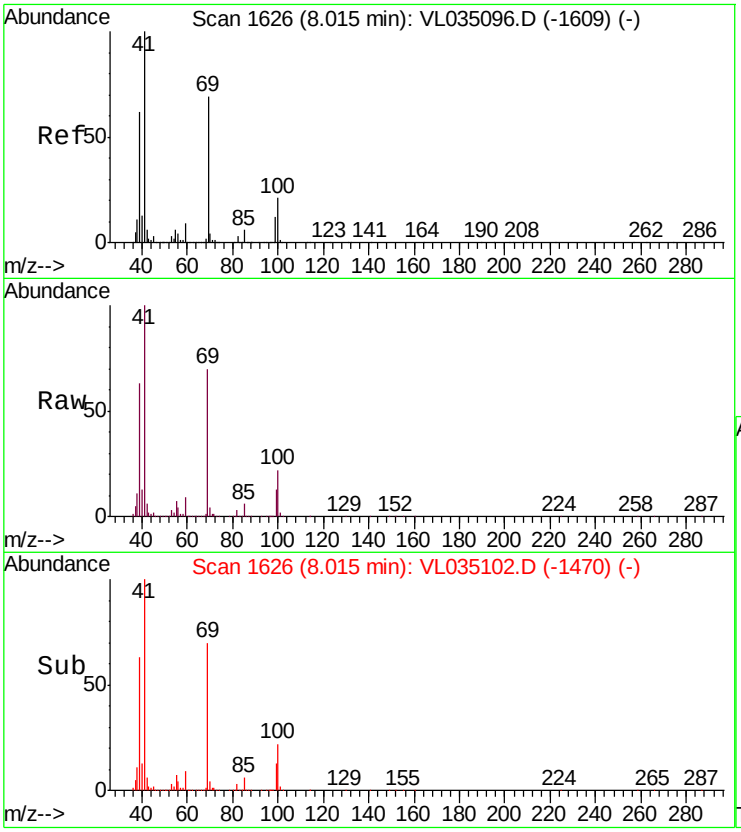


#42
Bromodichloromethane
Concen: 13.292 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 83 Resp: 2938422

Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.4	74.0
127	8.5	5.9	8.9



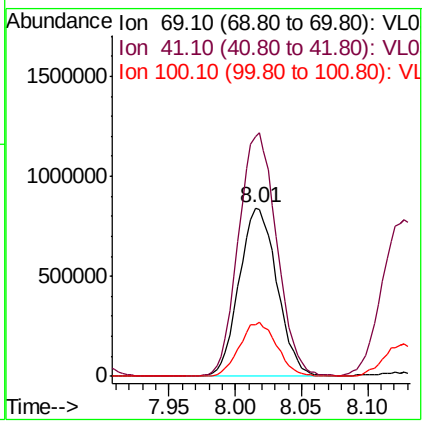


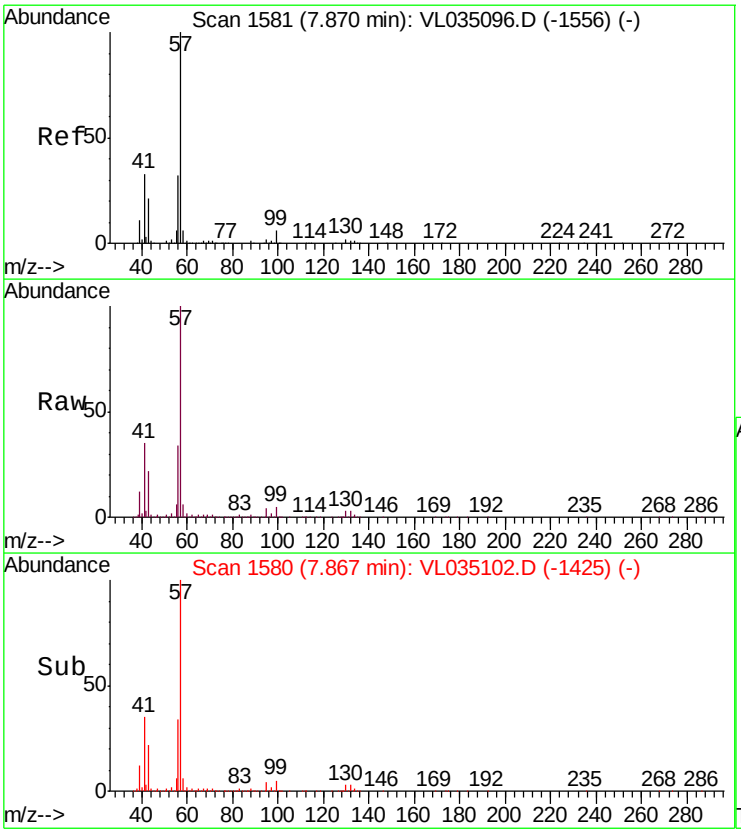
#43
Methyl Methacrylate
Concen: 14.920 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 1669857

Ion	Ratio	Lower	Upper
69	100		
41	146.2	116.4	174.6
100	31.8	25.3	37.9

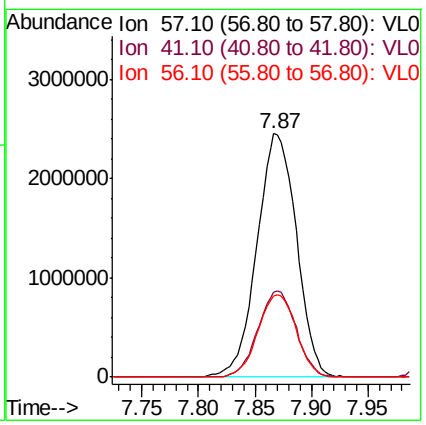


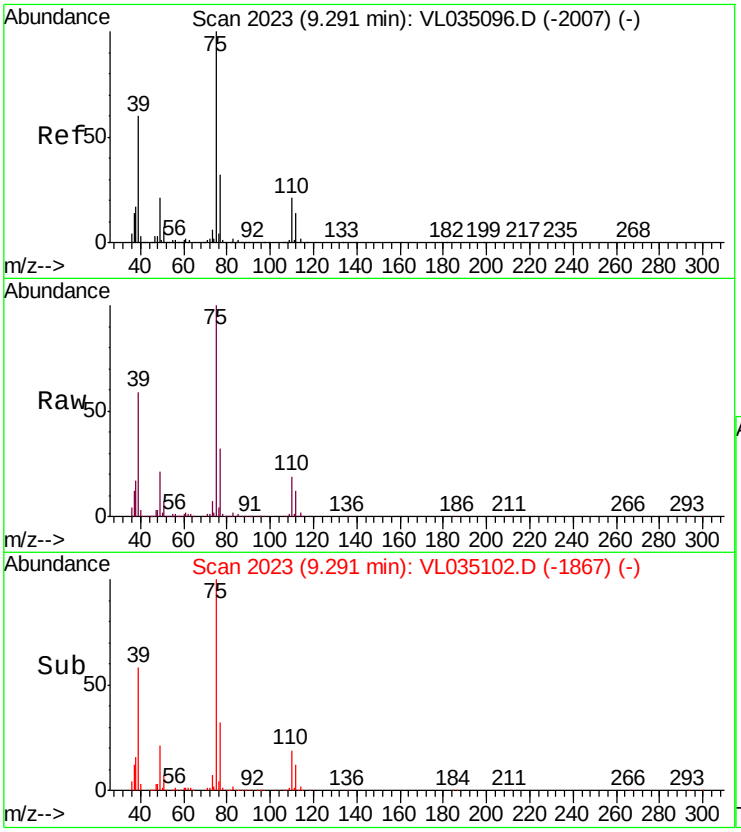


#44
2,2,4-Trimethylpentane
Concen: 12.620 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 57 Resp: 5946294

Ion	Ratio	Lower	Upper
57	100		
41	34.1	26.2	39.2
56	32.9	25.4	38.2



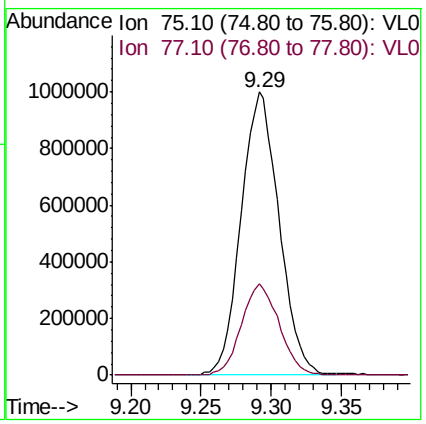


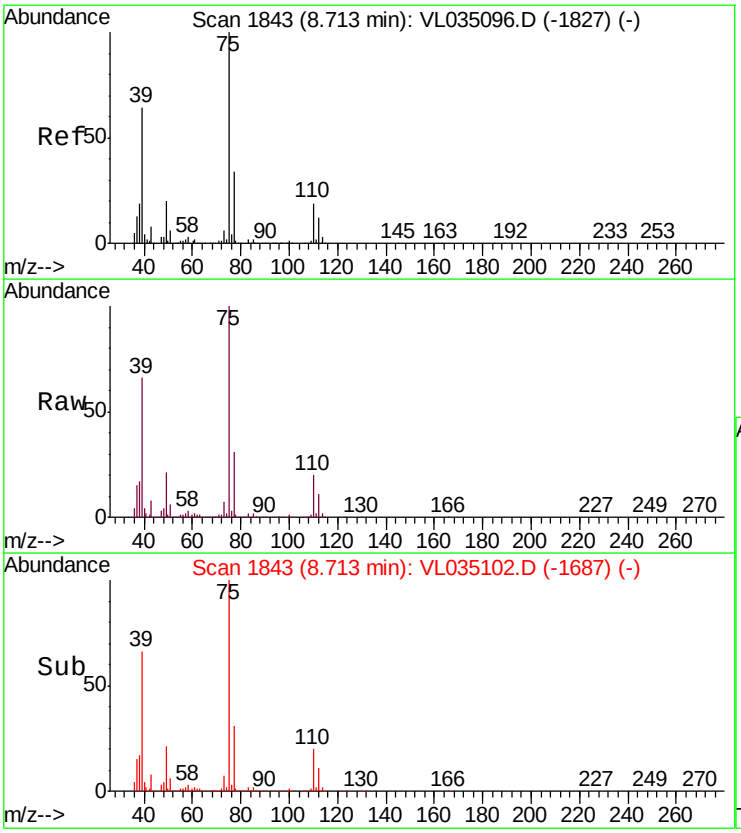
#45
t-1,3-Dichloropropene
Concen: 16.808 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1888608

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3

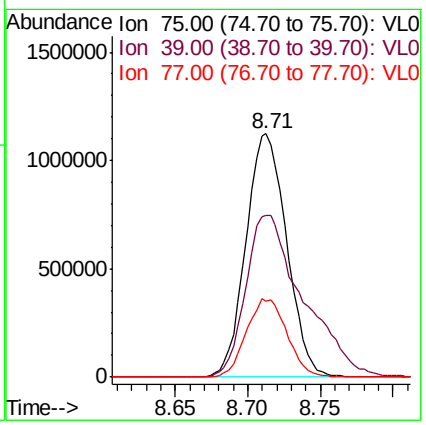


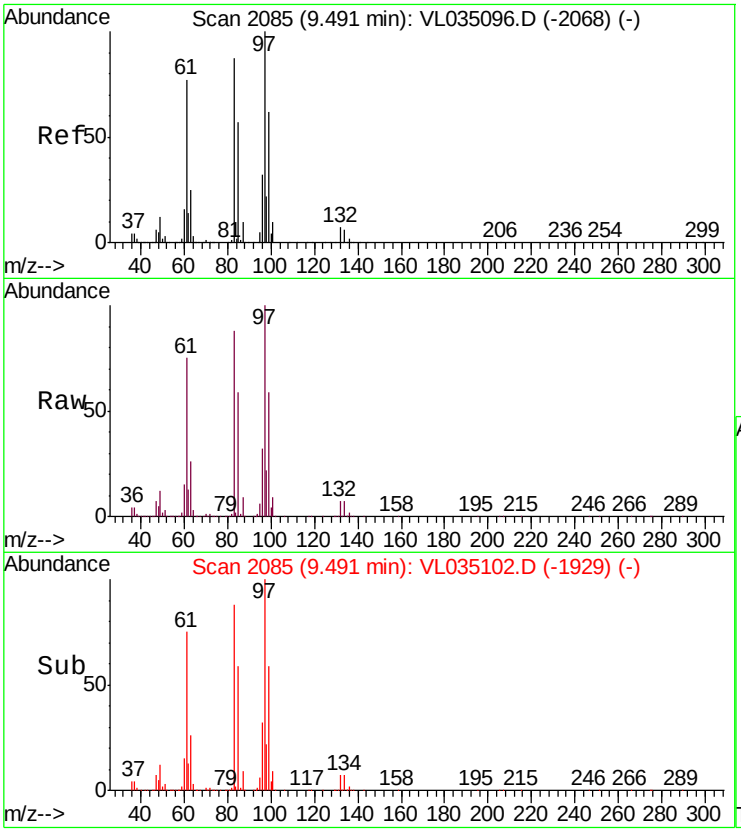


#46
cis-1,3-Dichloropropene
Concen: 15.872 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 75 Resp: 2193658

Ion	Ratio	Lower	Upper
75	100		
39	66.5	51.1	76.7
77	31.2	26.9	40.3



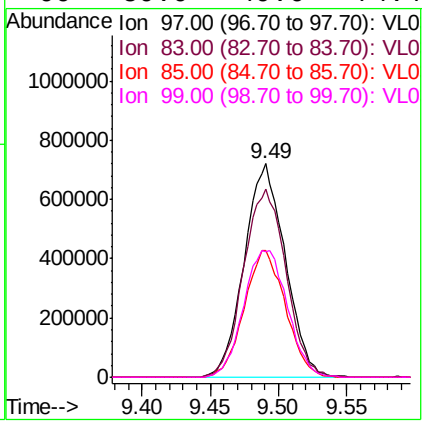


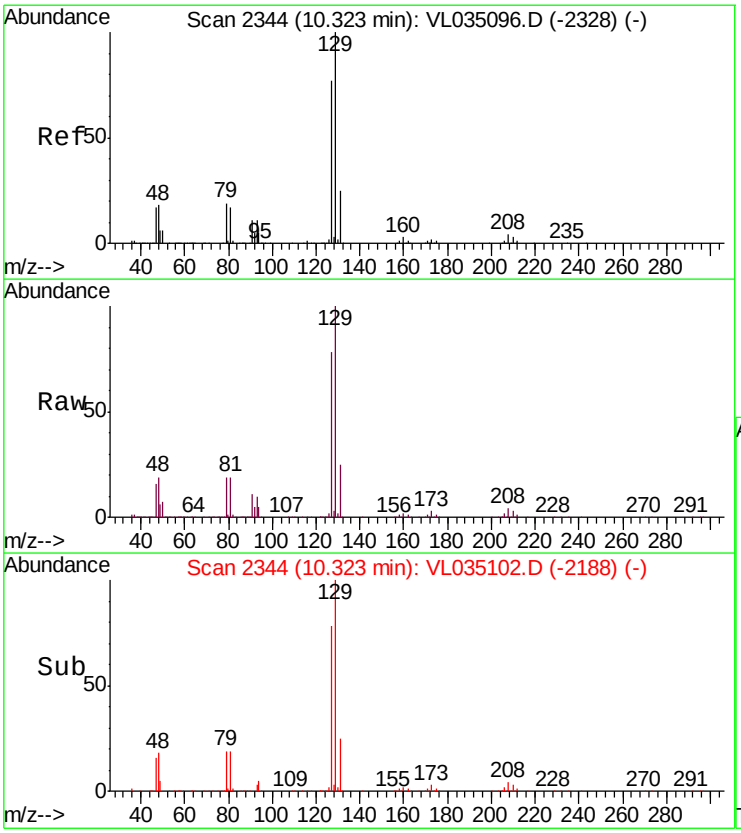
#47
1,1,2-Trichloroethane
Concen: 13.384 ppbv
RT: 9.49 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1506472

Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.5	104.3
85	59.4	46.0	69.0
99	59.0	49.6	74.4

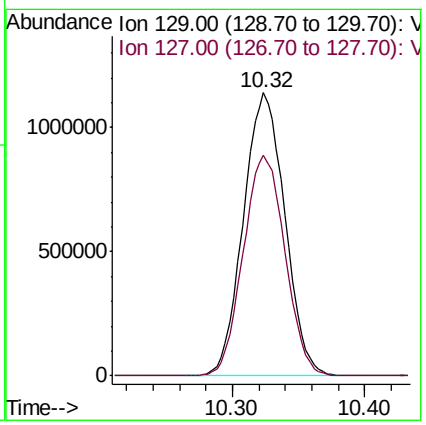


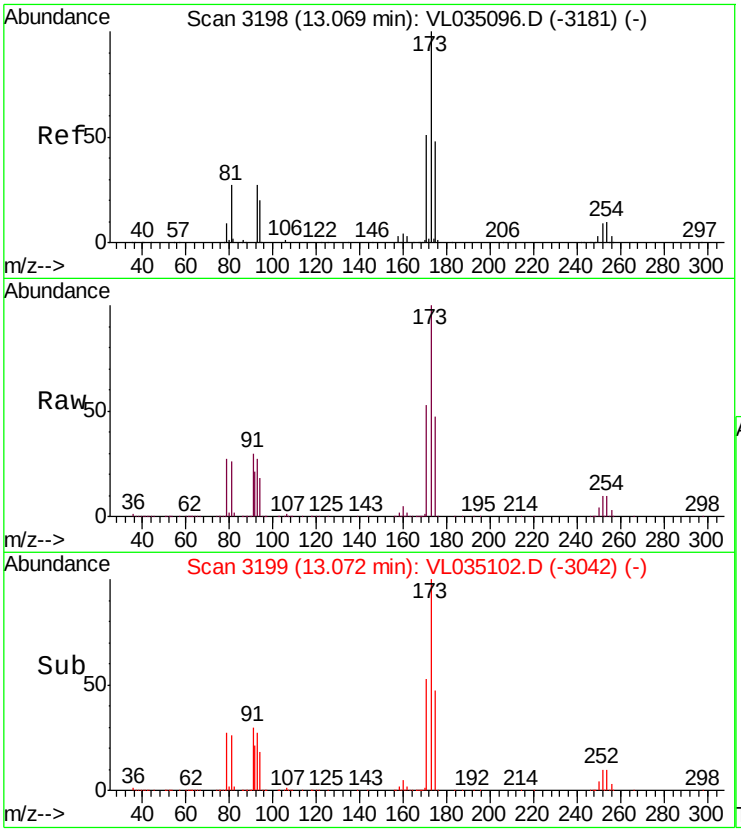


#48
Dibromochloromethane
Concen: 14.387 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:129 Resp: 2484529

Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.3	117.8



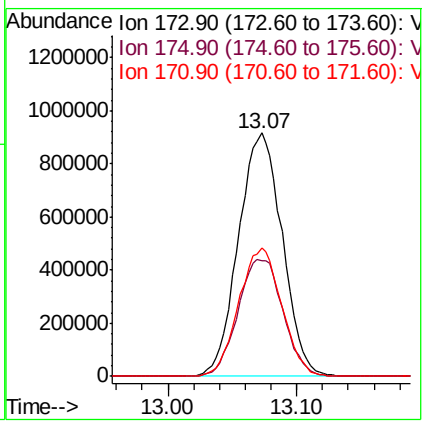


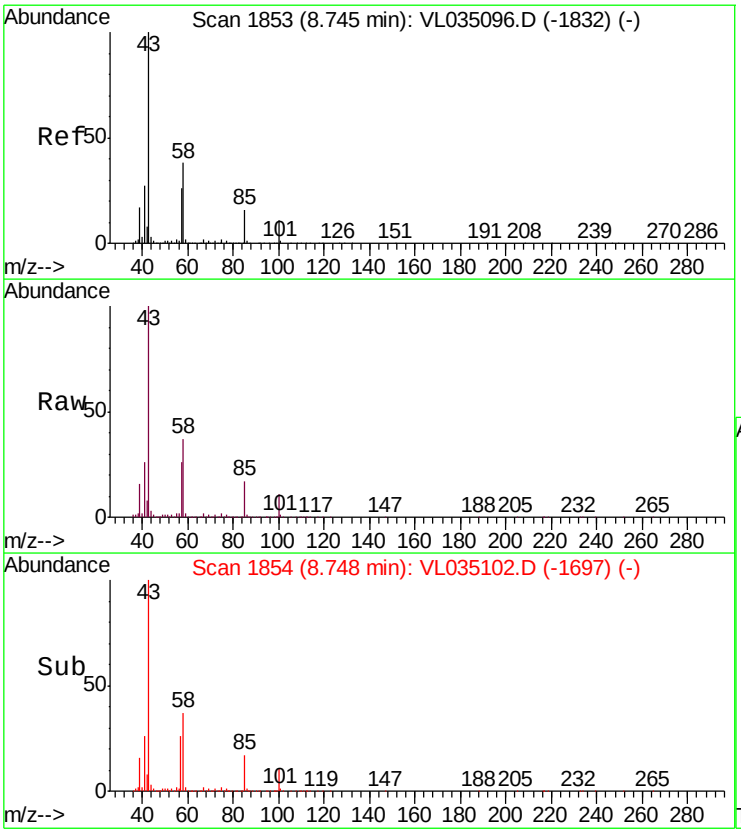
#49
Bromoform
Concen: 14.647 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 2169000

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.1	58.7
171	51.9	41.7	62.5

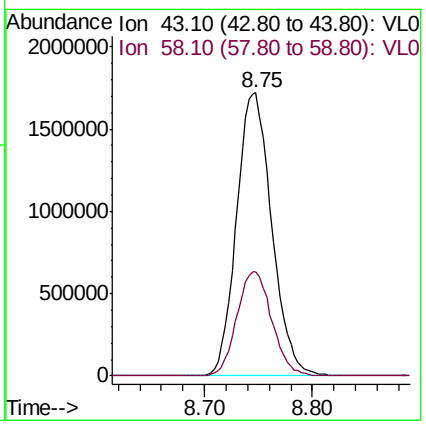


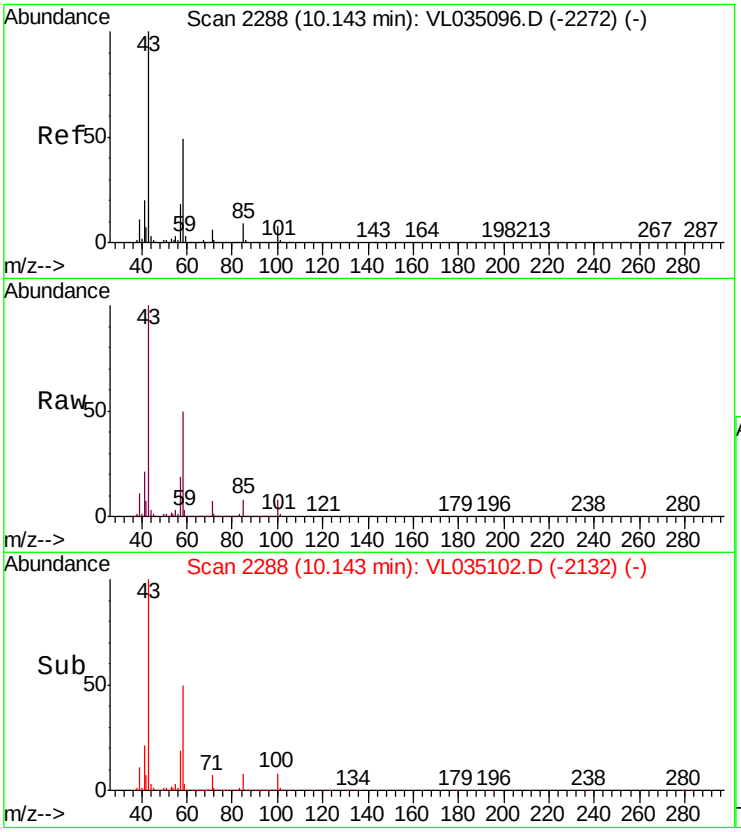


#50
4-Methyl-2-Pentanone
Concen: 13.780 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 43 Resp: 3907770

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0



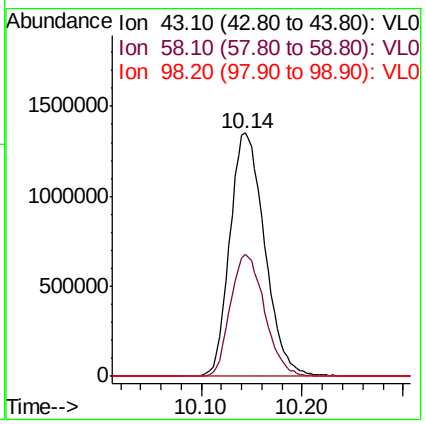


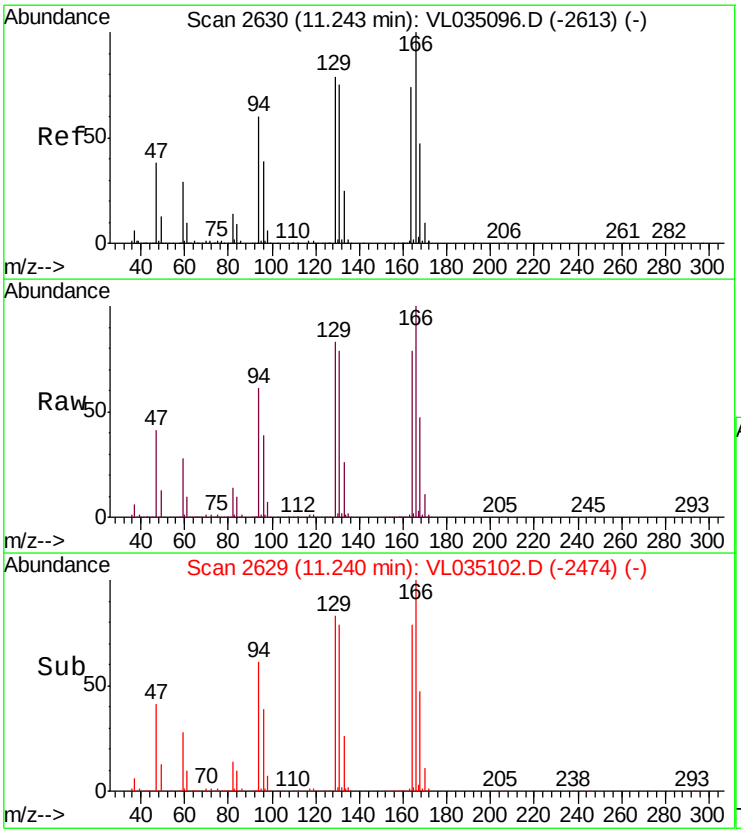
#51
2-Hexanone
Concen: 14.663 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 3244585

Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.2	58.8
98	0.3	0.3	0.5#

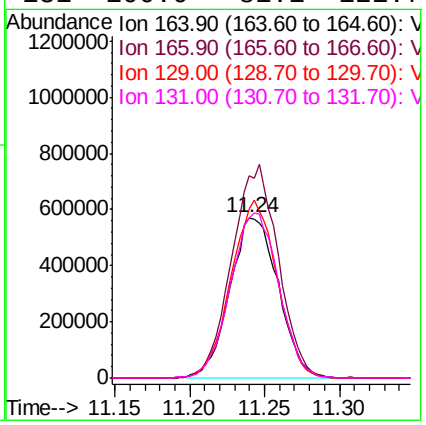


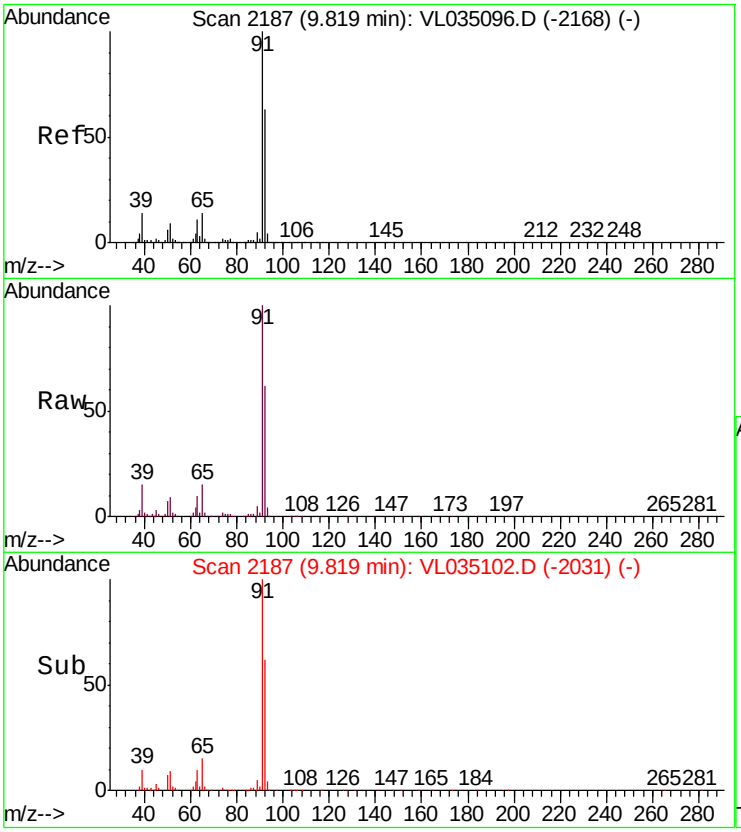


#52
Tetrachloroethene
Concen: 13.420 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:164 Resp: 1270021

Ion	Ratio	Lower	Upper
164	100		
166	126.1	107.5	161.3
129	105.1	84.9	127.3
131	100.0	81.1	121.7



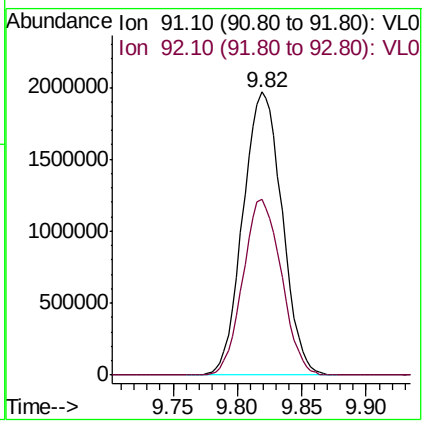


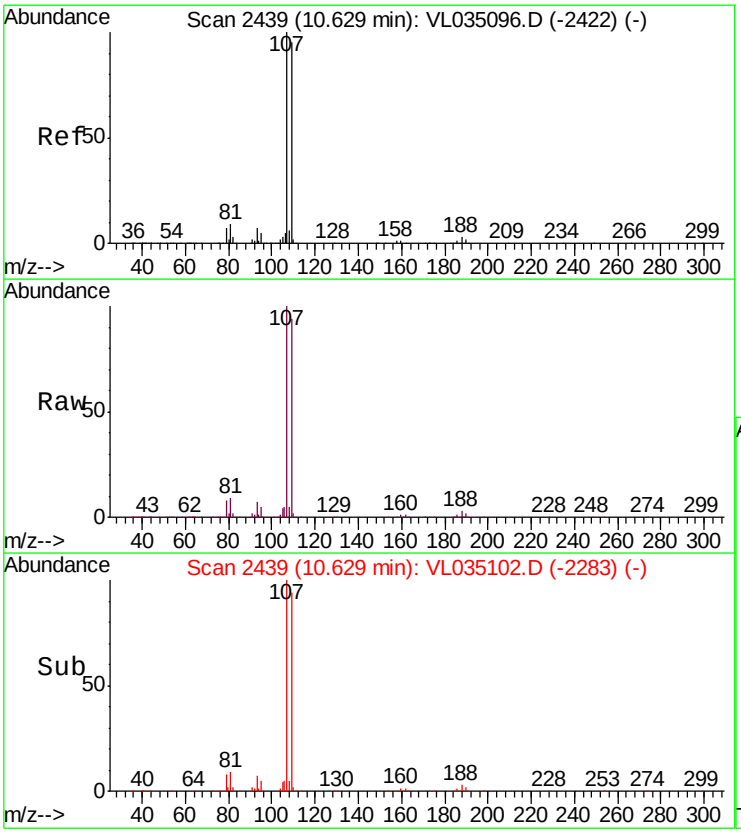
#53
Toluene
Concen: 14.802 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4165372

Ion	Ratio	Lower	Upper
91	100		
92	61.1	49.0	73.6

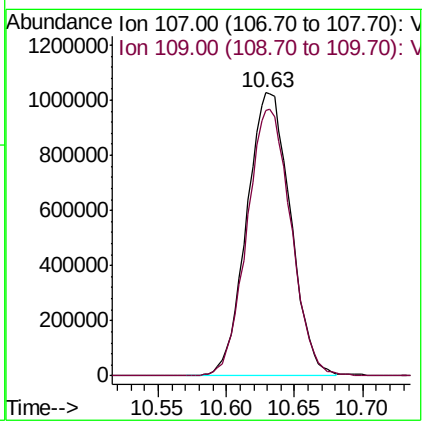


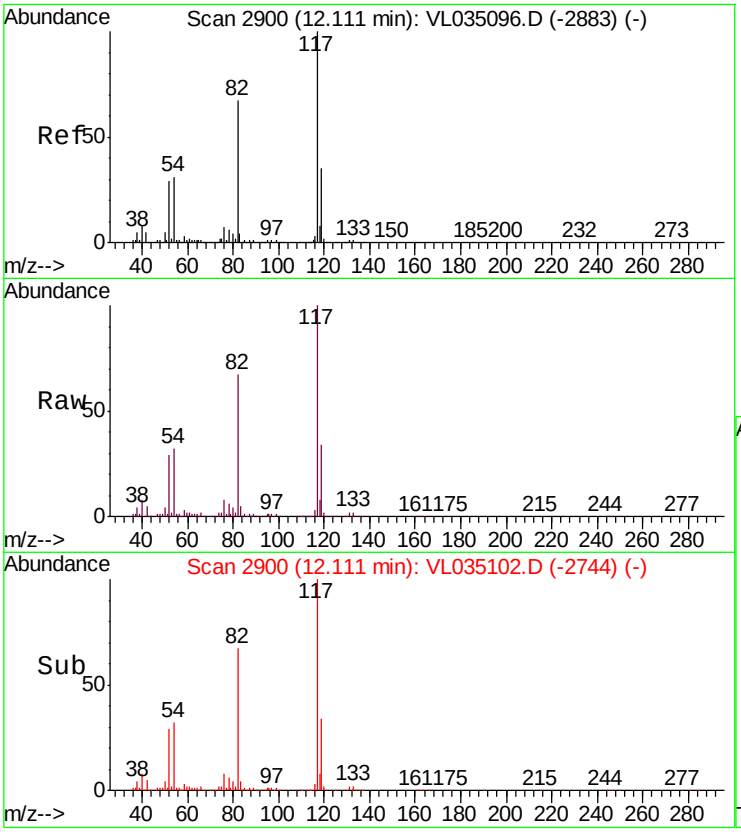


#54
1,2-Dibromoethane
Concen: 13.847 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:107 Resp: 2284378

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.9	113.9



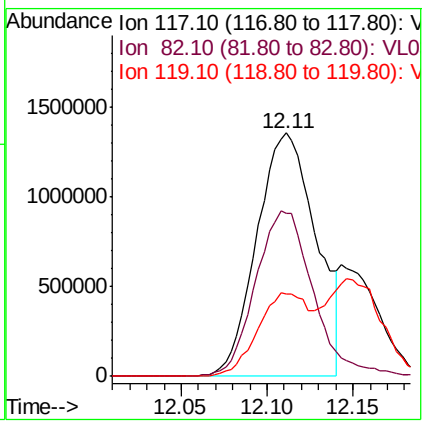


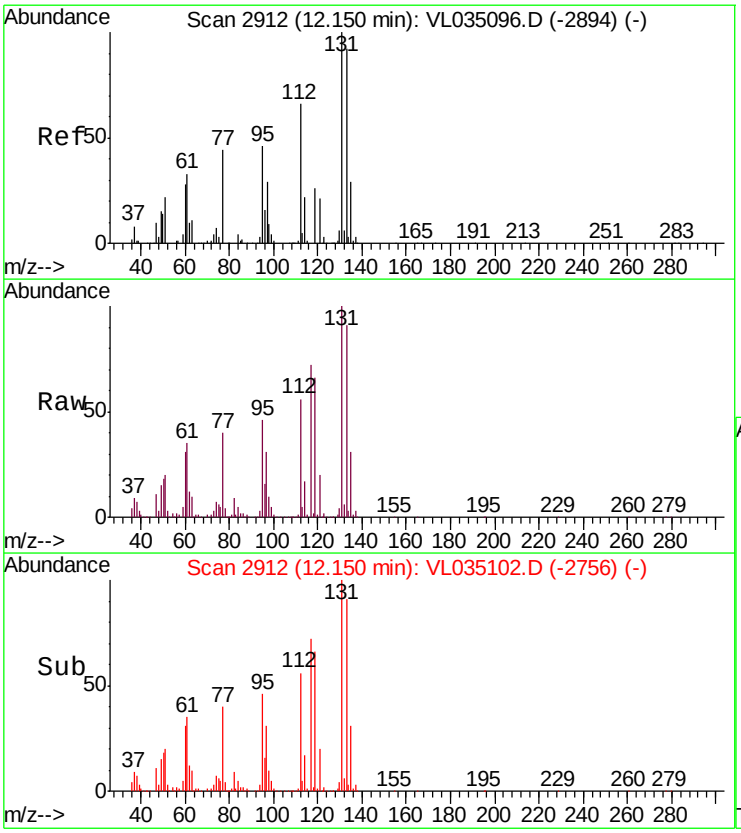
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 3256336

Ion	Ratio	Lower	Upper
117	100		
82	66.4	50.4	75.6
119	32.0	25.4	38.0

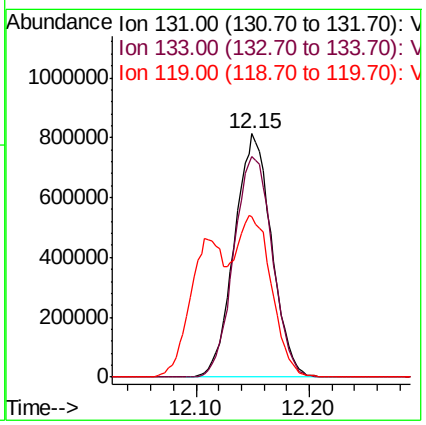


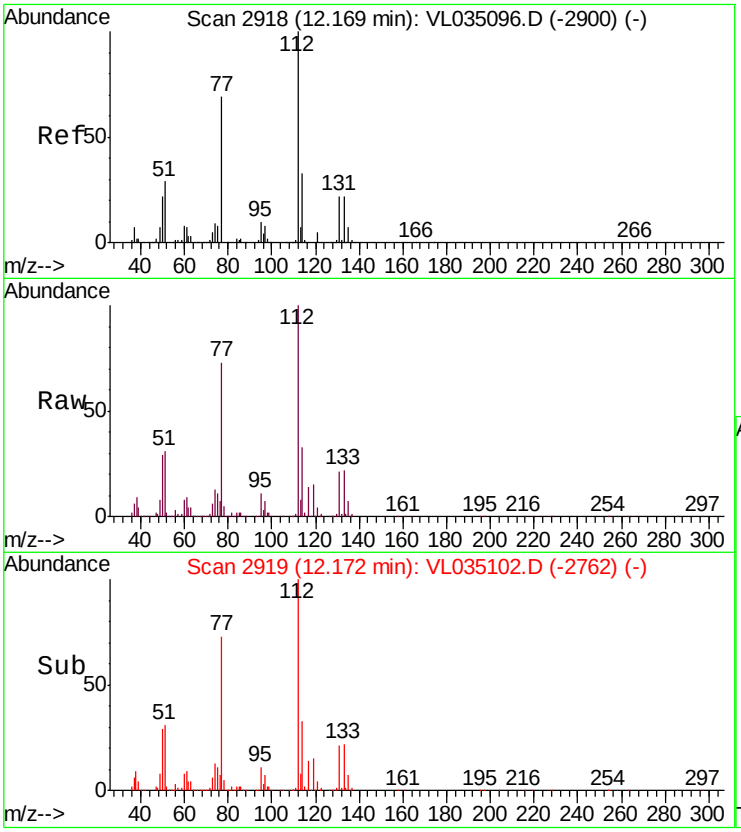


#56
1,1,1,2-Tetrachloroethane
Concen: 12.769 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:131 Resp: 1854896

Ion	Ratio	Lower	Upper
131	100		
133	94.3	76.2	114.4
119	62.4	114.6	172.0#



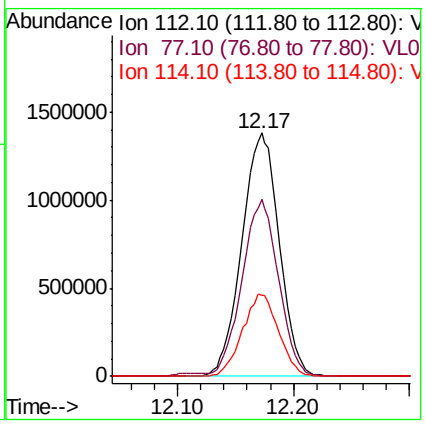


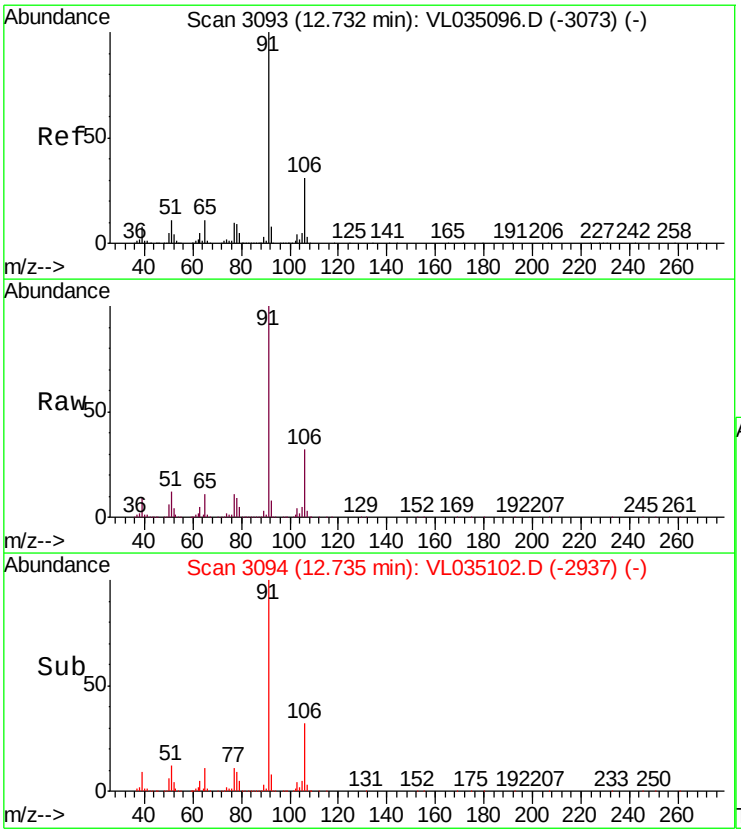
#57
Chlorobenzene
Concen: 12.087 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 3090665

Ion	Ratio	Lower	Upper
112	100		
77	72.4	56.7	85.1
114	33.1	29.3	35.9

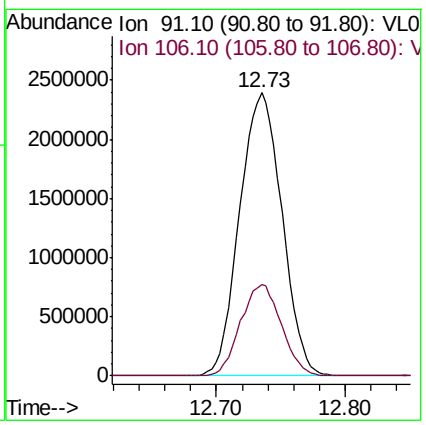


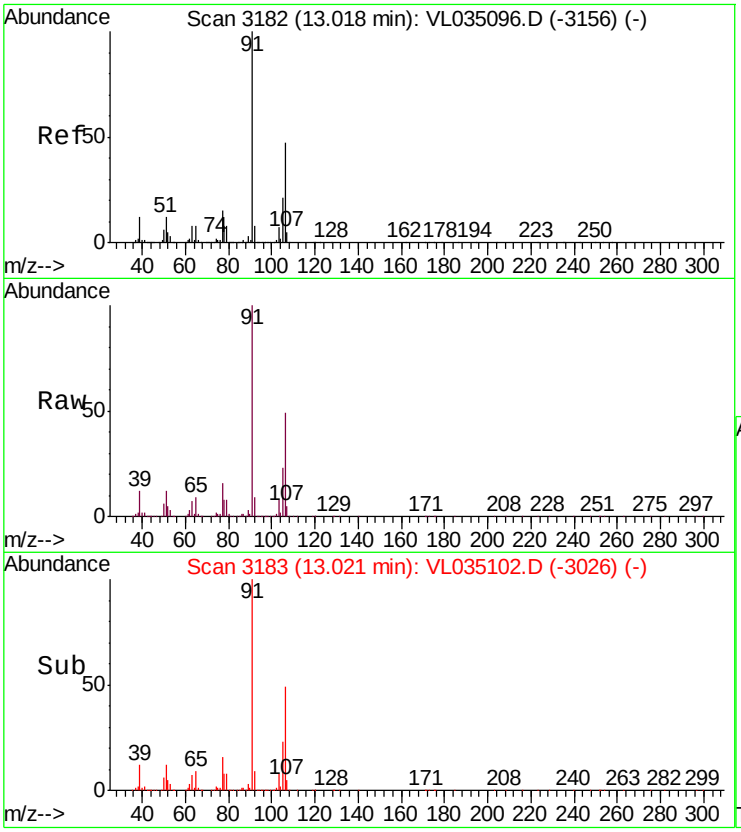


#58
Ethyl Benzene
Concen: 13.813 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 91 Resp: 5475350

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.0	37.6



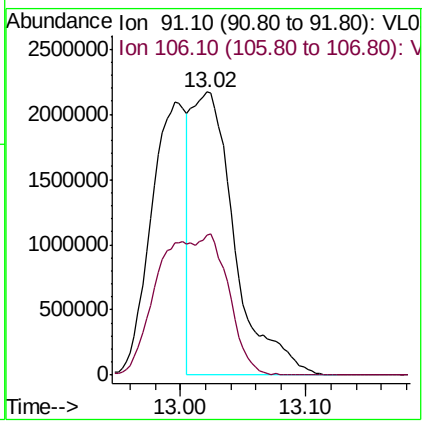


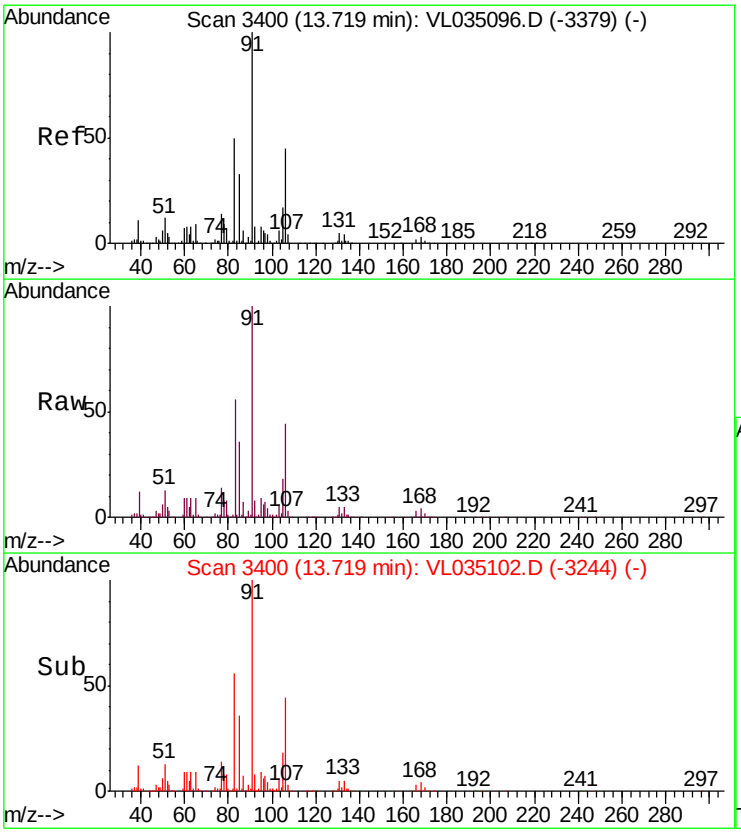
#59
m/p-Xylene
Concen: 14.855 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 5192770

Ion	Ratio	Lower	Upper
91	100		
106	80.6	36.5	54.7#

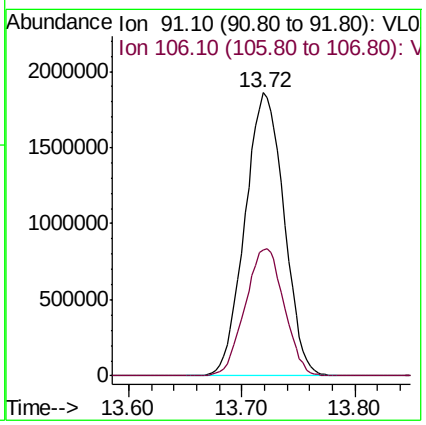


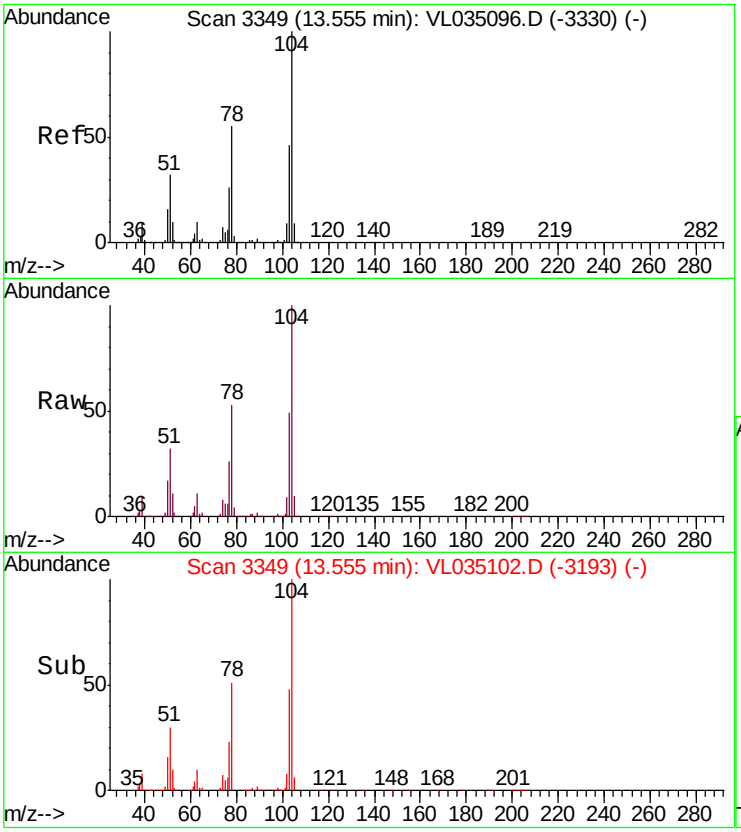


#60
o-Xylene
Concen: 12.907 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 91 Resp: 4455278

Ion	Ratio	Lower	Upper
91	100		
106	44.9	22.1	66.5



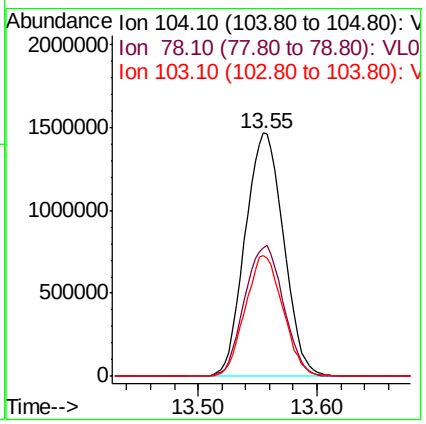


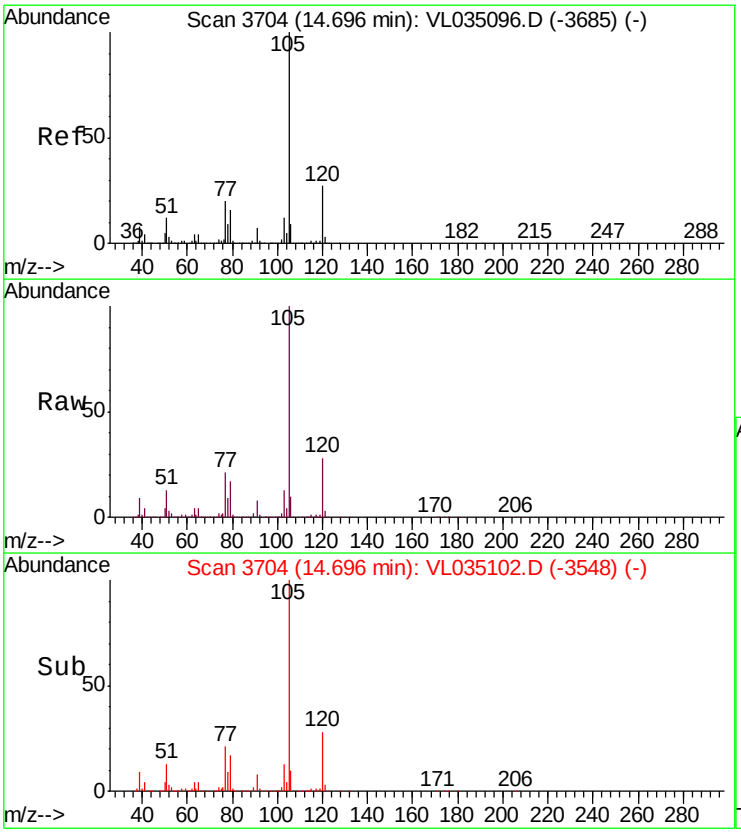
#61
Styrene
Concen: 15.101 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 3288640

Ion	Ratio	Lower	Upper
104	100		
78	54.4	43.4	65.0
103	48.8	38.3	57.5

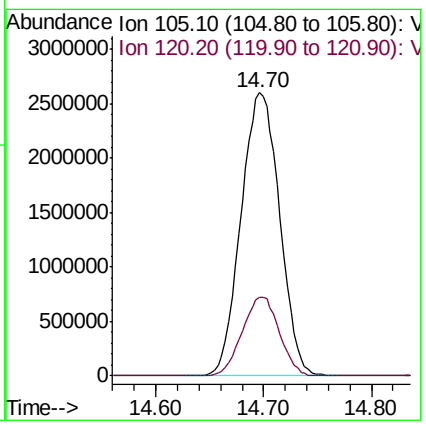


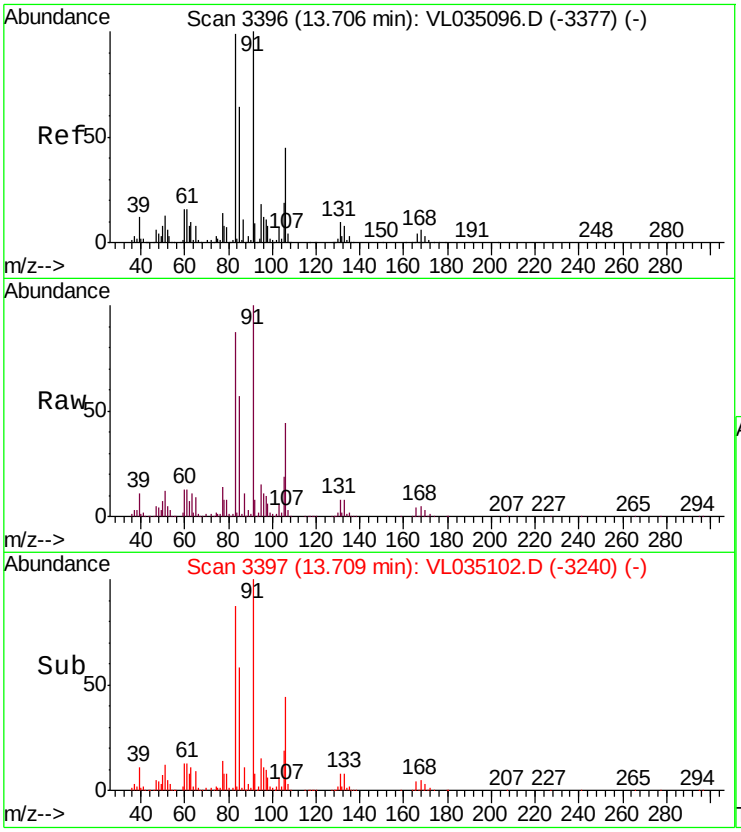


#62
Isopropylbenzene
Concen: 12.574 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:105 Resp: 6468483

Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.8	31.2



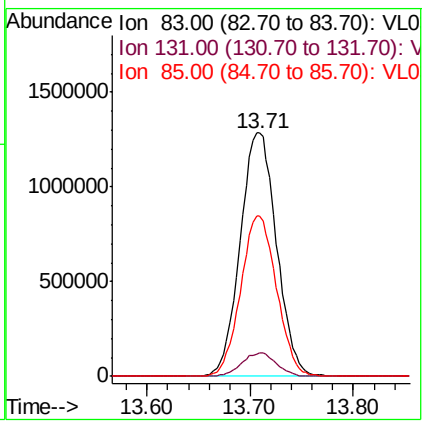


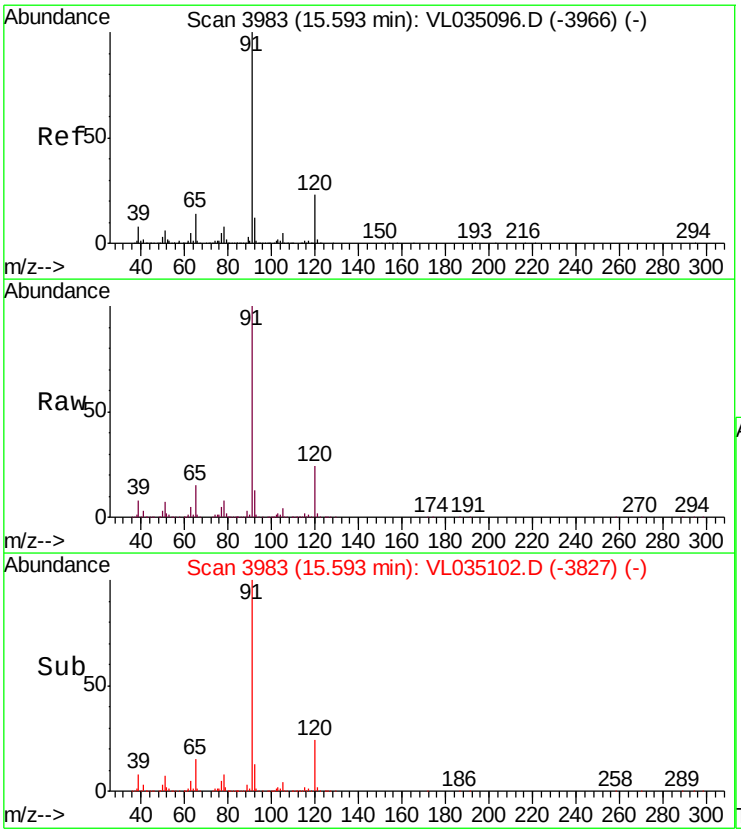
#63
1,1,2,2-Tetrachloroethane
Concen: 11.506 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 83 Resp: 3139684

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.0
85	65.1	32.4	97.0

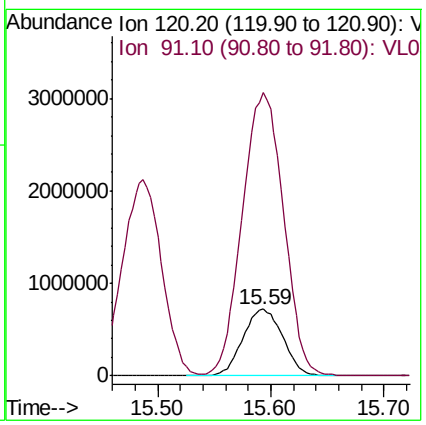


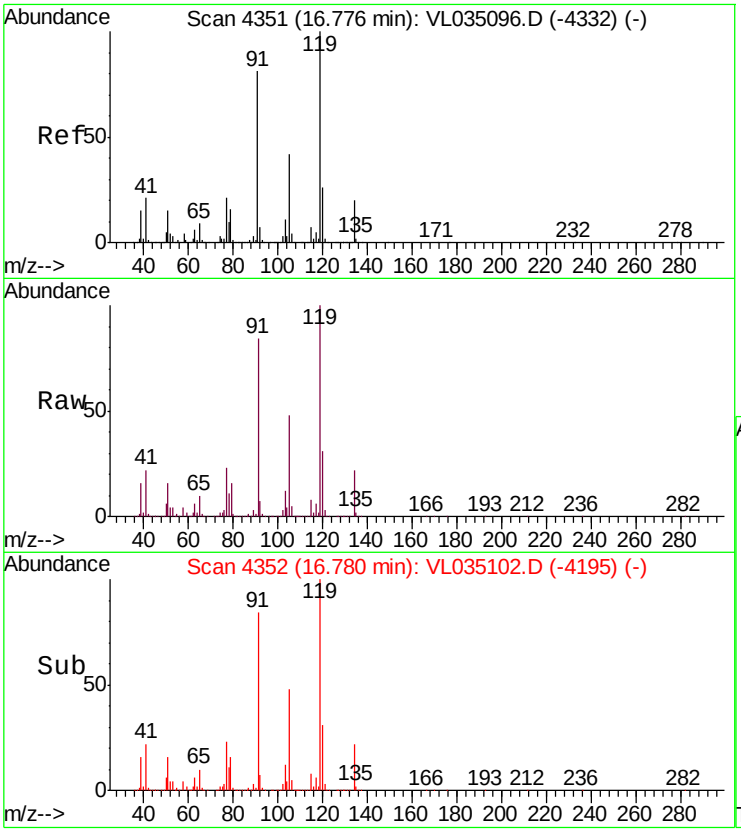


#64
n-propylbenzene
Concen: 13.327 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:120 Resp: 1762000

Ion	Ratio	Lower	Upper
120	100		
91	443.3	367.9	551.9



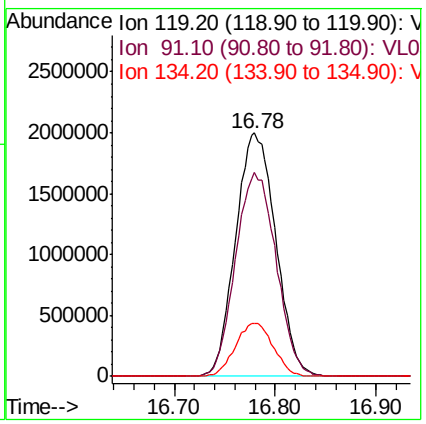


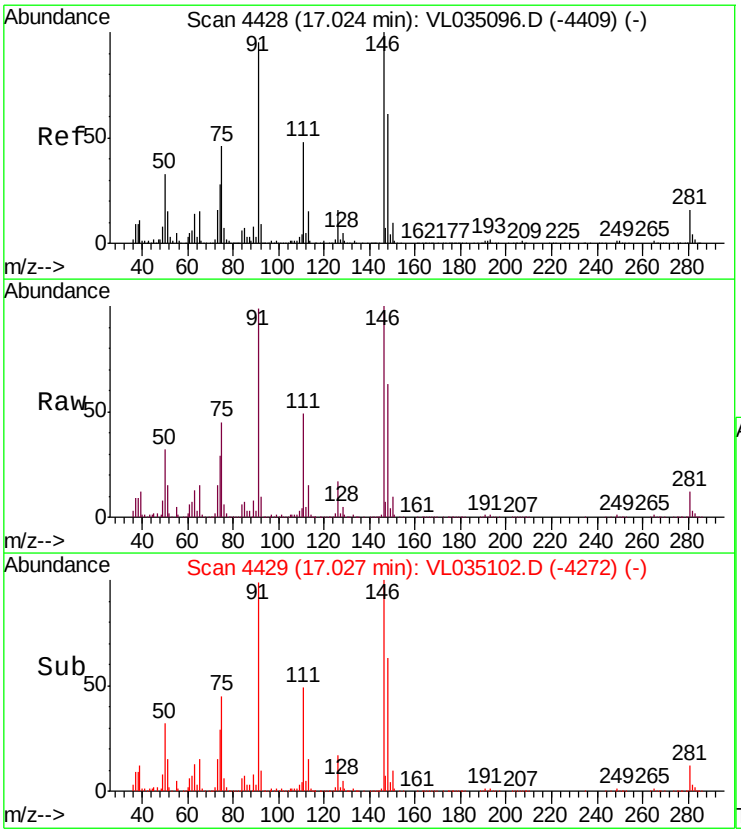
#65
tert-Butylbenzene
Concen: 12.345 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 5522284

Ion	Ratio	Lower	Upper
119	100		
91	84.6	67.6	101.4
134	20.5	15.7	23.5

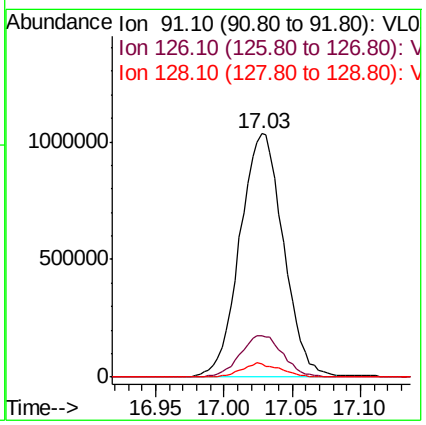


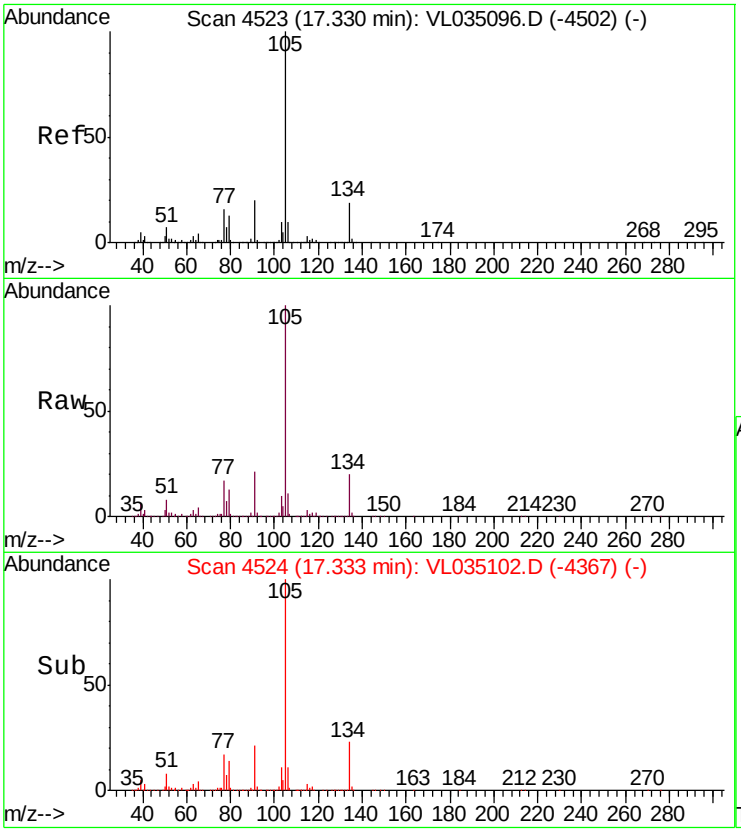


#66
Benzyl Chloride
Concen: 15.341 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 91 Resp: 2275282

Ion	Ratio	Lower	Upper
91	100		
126	17.0	13.5	20.3
128	5.2	4.3	6.5



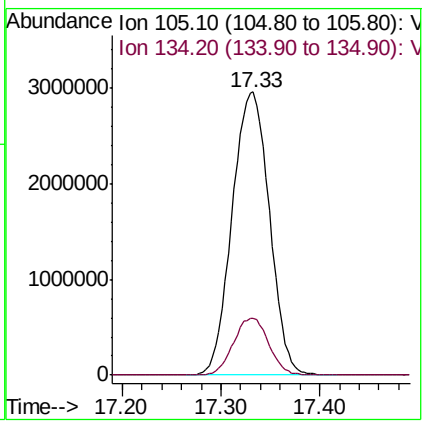


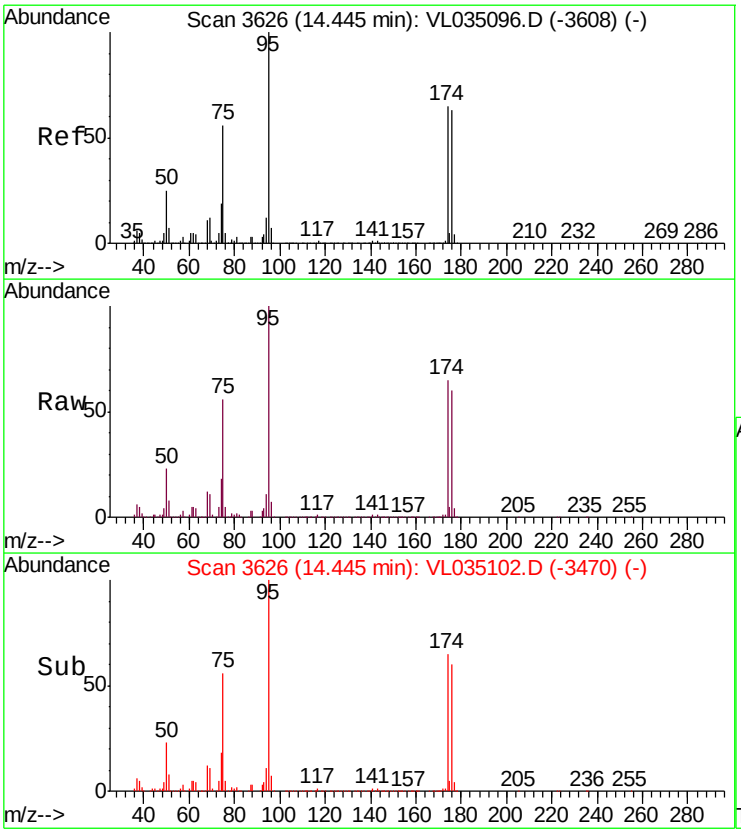
#67
sec-Butylbenzene
Concen: 12.152 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 7746971

Ion	Ratio	Lower	Upper
105	100		
134	19.2	14.7	22.1

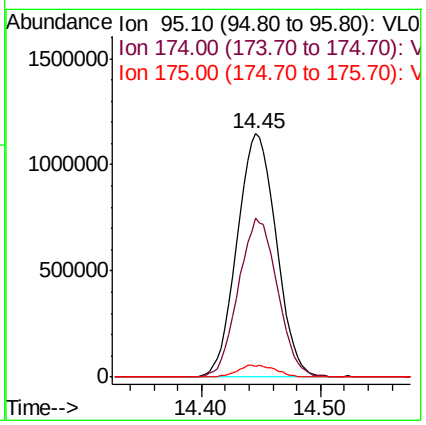


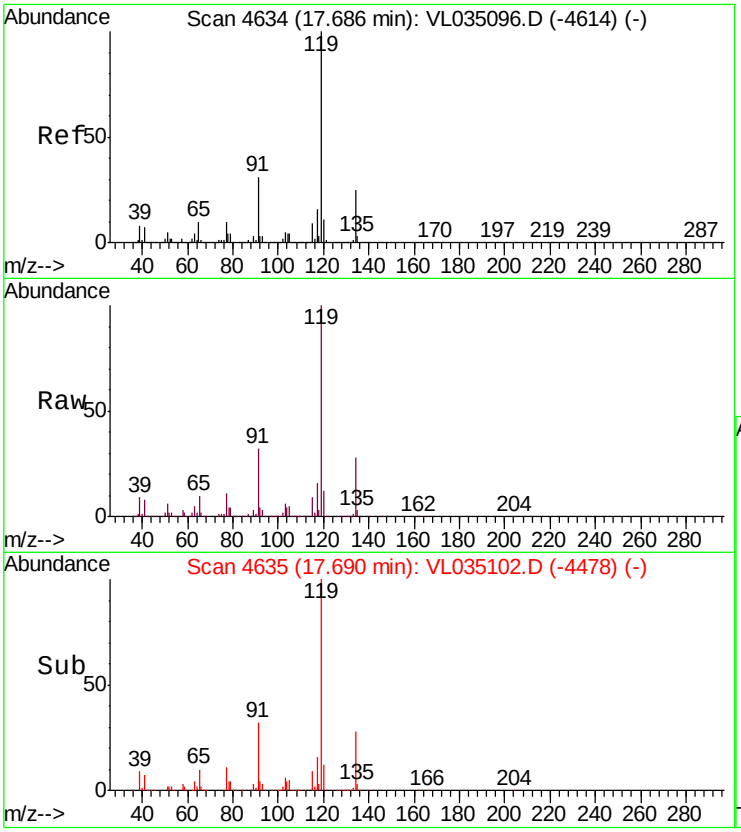


#68
1-Bromo-4-Fluorobenzene
Concen: 9.955 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 95 Resp: 2613562

Ion	Ratio	Lower	Upper
95	100		
174	65.1	52.2	78.2
175	4.9	4.0	6.0



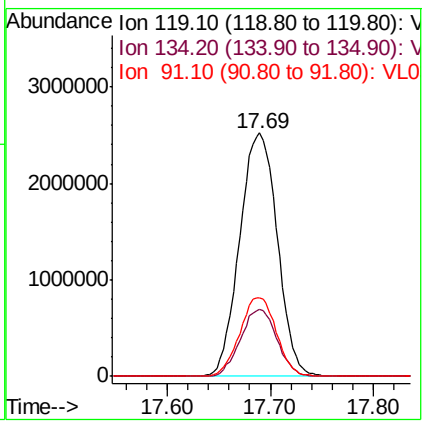


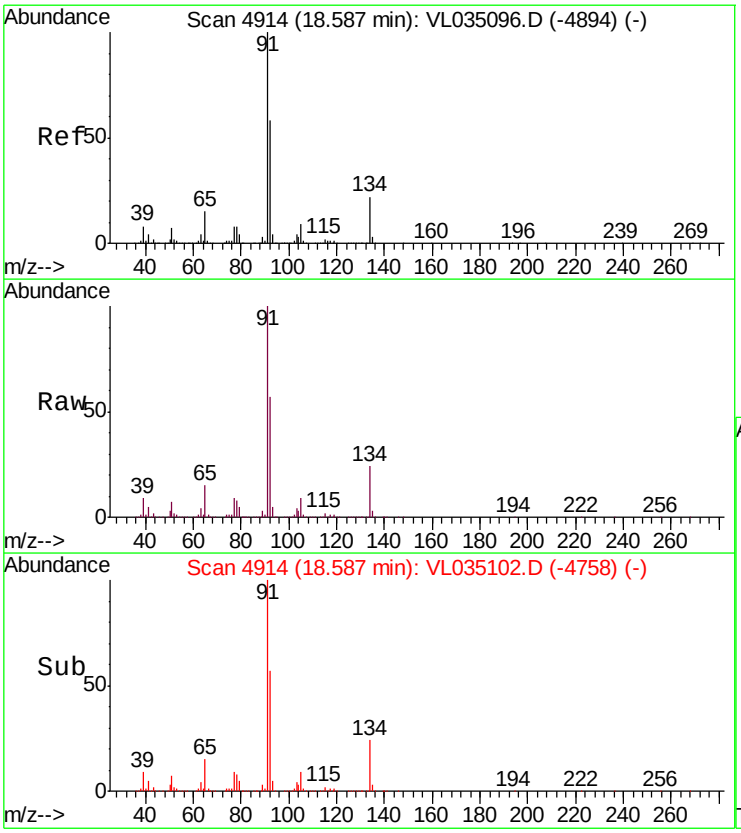
#69
p-Isopropyltoluene
Concen: 12.409 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 6397194

Ion	Ratio	Lower	Upper
119	100		
134	26.6	20.4	30.6
91	31.6	24.5	36.7

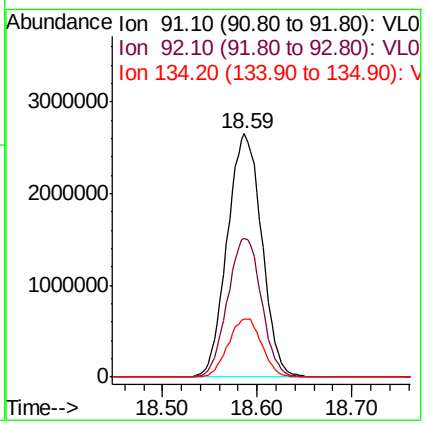


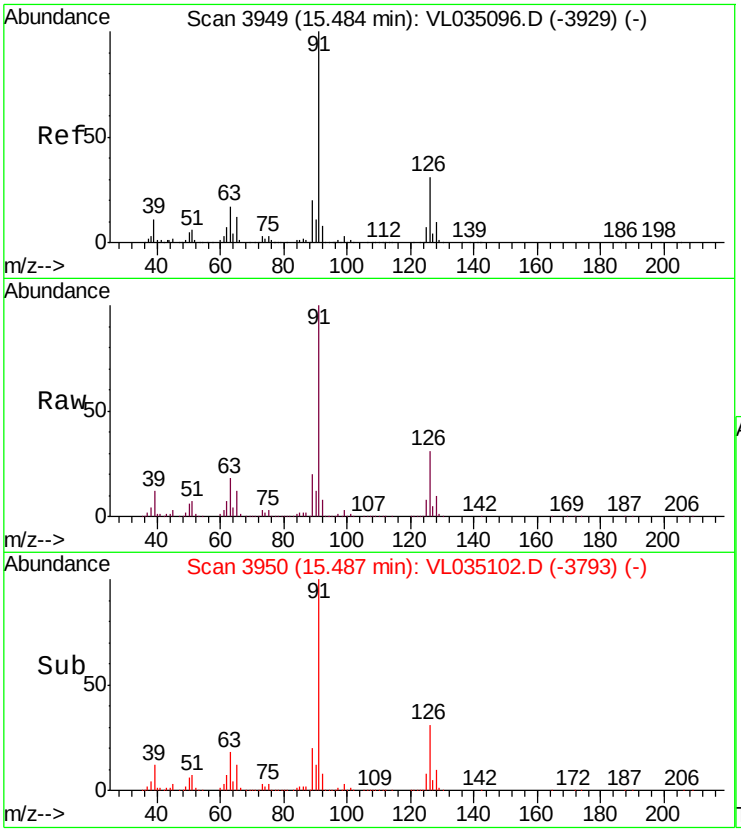


#70
n-Butylbenzene
Concen: 12.240 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion: 91 Resp: 6705707

Ion	Ratio	Lower	Upper
91	100		
92	56.1	44.4	66.6
134	23.4	18.0	27.0



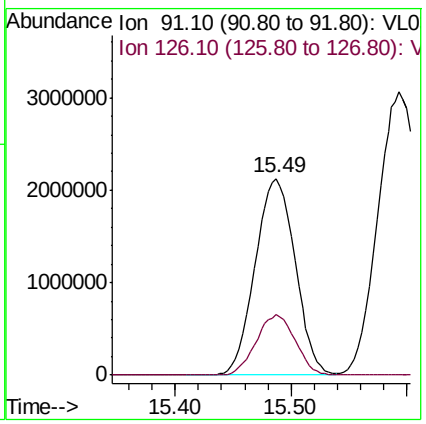


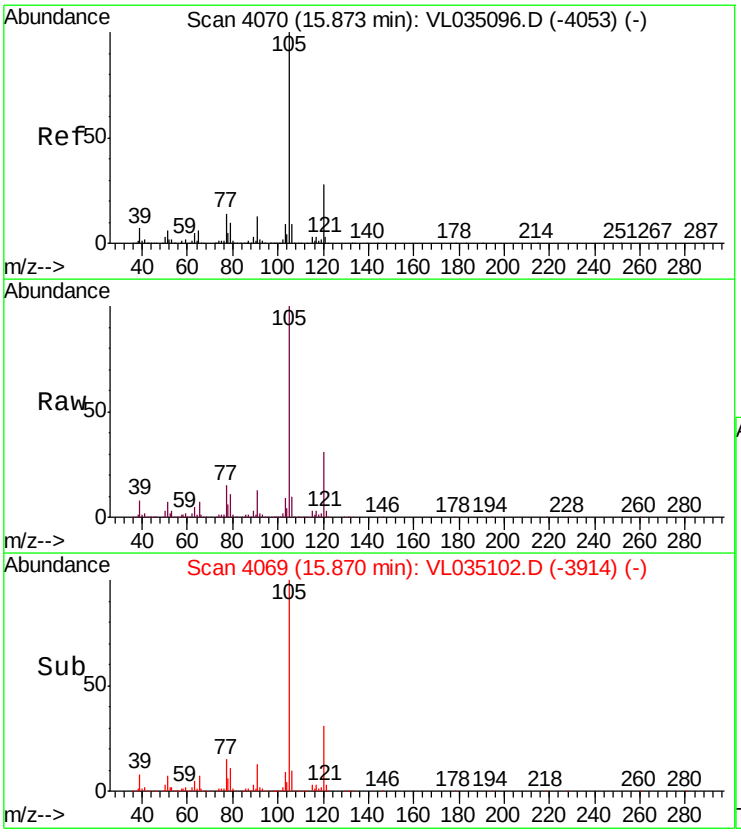
#71
2-Chlorotoluene
Concen: 13.118 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5098768

Ion	Ratio	Lower	Upper
91	100		
126	30.2	12.0	48.0

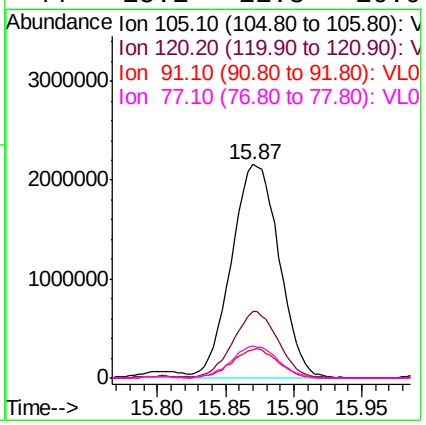


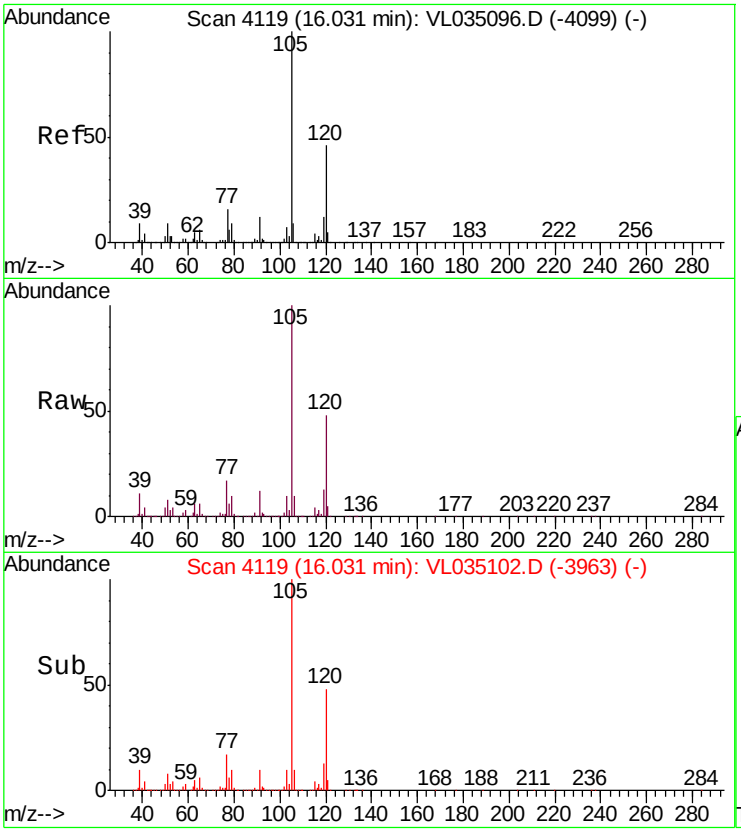


#72
4-Ethyltoluene
Concen: 13.570 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:105 Resp: 5230103

Ion	Ratio	Lower	Upper
105	100		
120	29.5	23.4	35.0
91	13.1	10.6	16.0
77	15.1	11.3	16.9



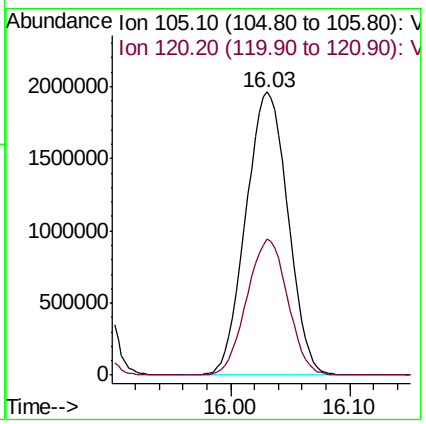


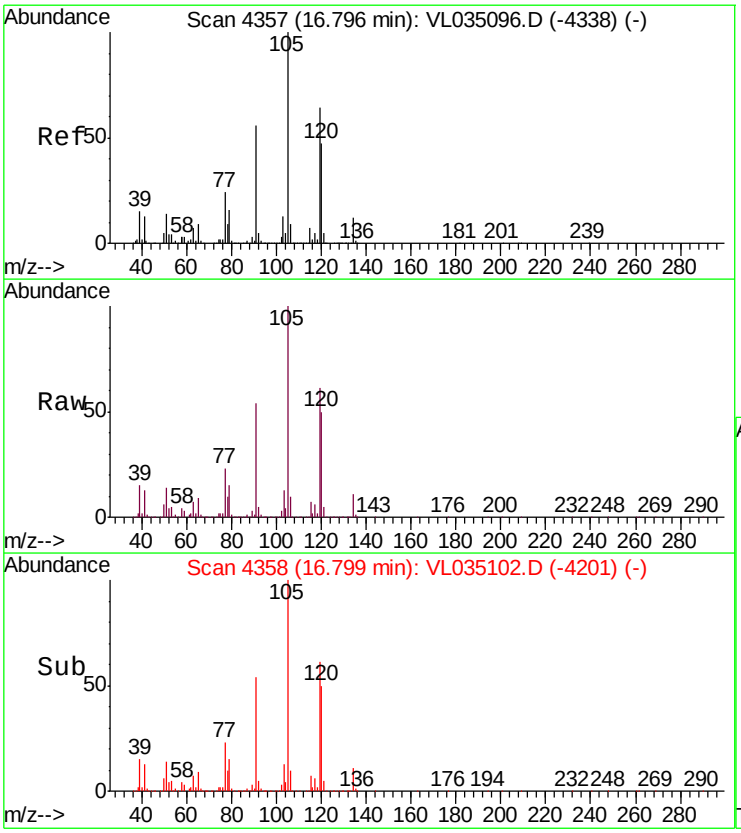
#73
1,3,5-Trimethylbenzene
Concen: 12.849 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 4803055

Ion	Ratio	Lower	Upper
105	100		
120	48.1	37.0	55.6

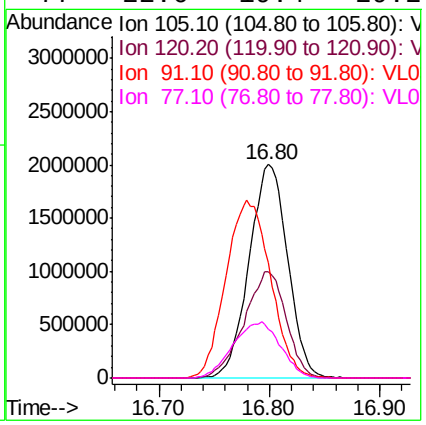


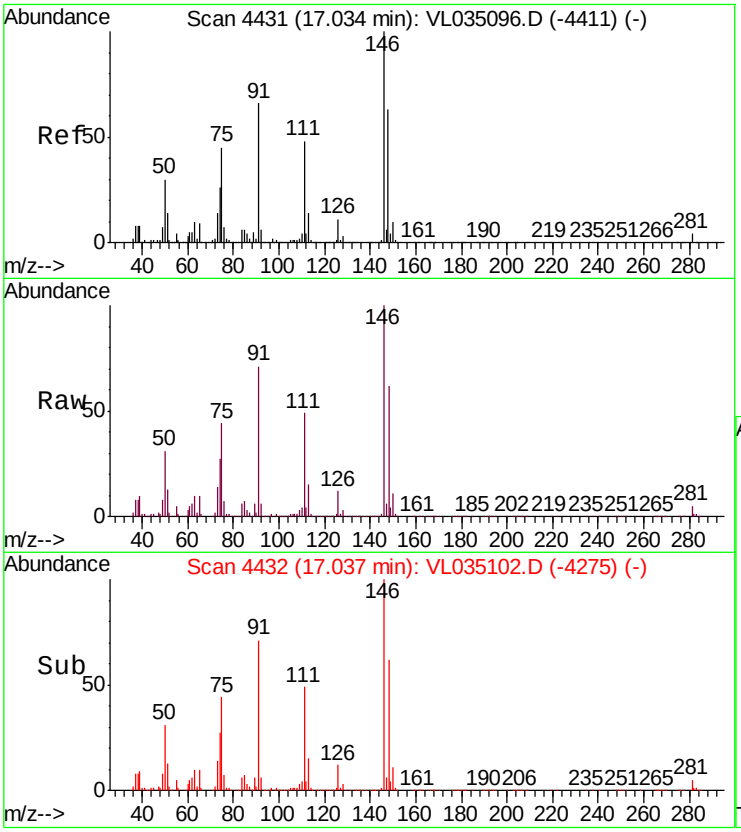


#74
1,2,4-Trimethylbenzene
Concen: 11.870 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:105 Resp: 4844134

Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.9	56.9
91	53.6	46.0	69.0
77	22.6	19.4	29.2



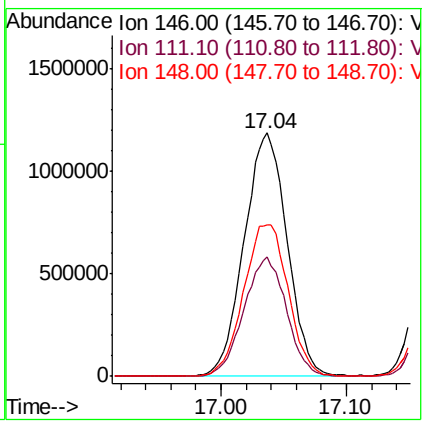


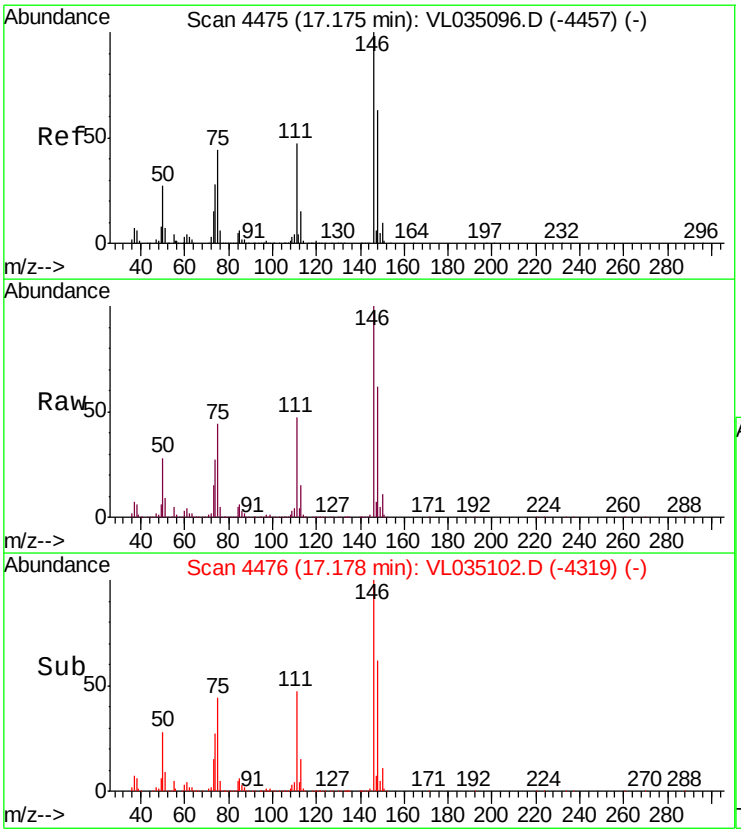
#75
1,3-Dichlorobenzene
Concen: 11.721 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2819856

Ion	Ratio	Lower	Upper
146	100		
111	48.7	24.1	72.4
148	64.7	32.3	96.8

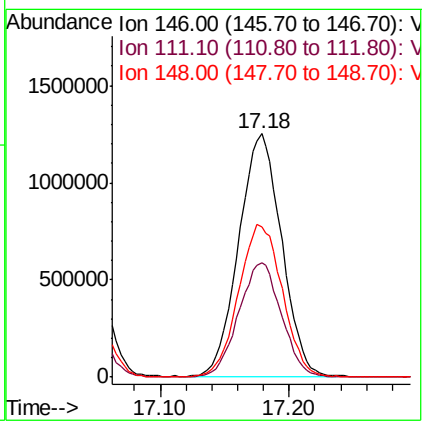


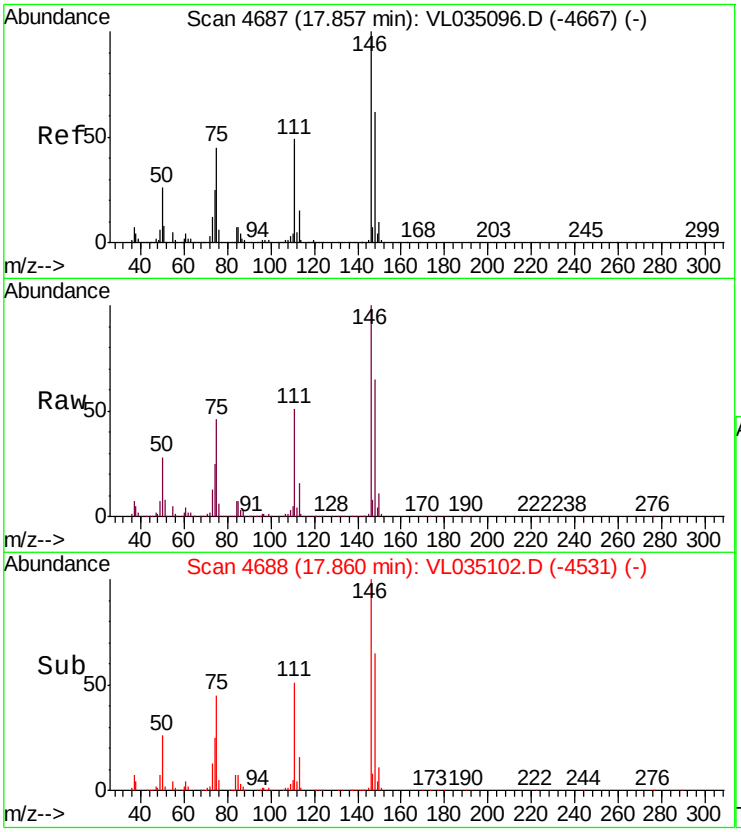


#76
1,4-Dichlorobenzene
Concen: 12.643 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:146 Resp: 2886425

Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.5	70.5
148	64.4	32.0	96.2



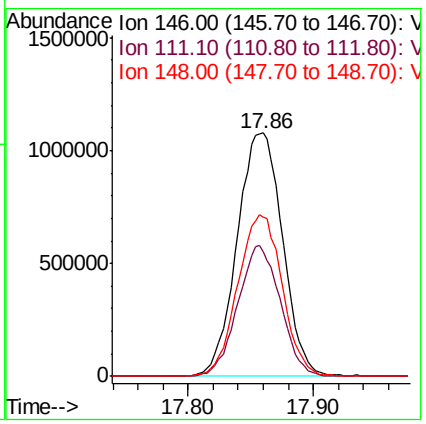


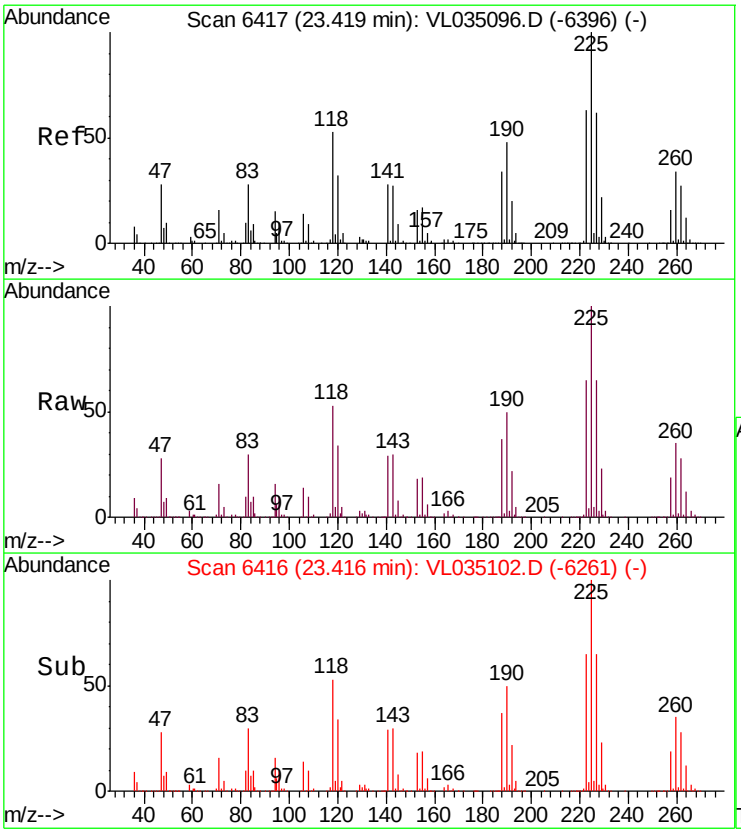
#77
1,2-Dichlorobenzene
Concen: 11.982 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2700145

Ion	Ratio	Lower	Upper
146	100		
111	50.6	25.0	75.0
148	65.3	32.3	96.8

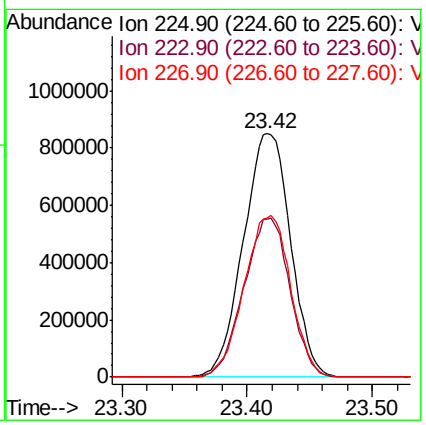


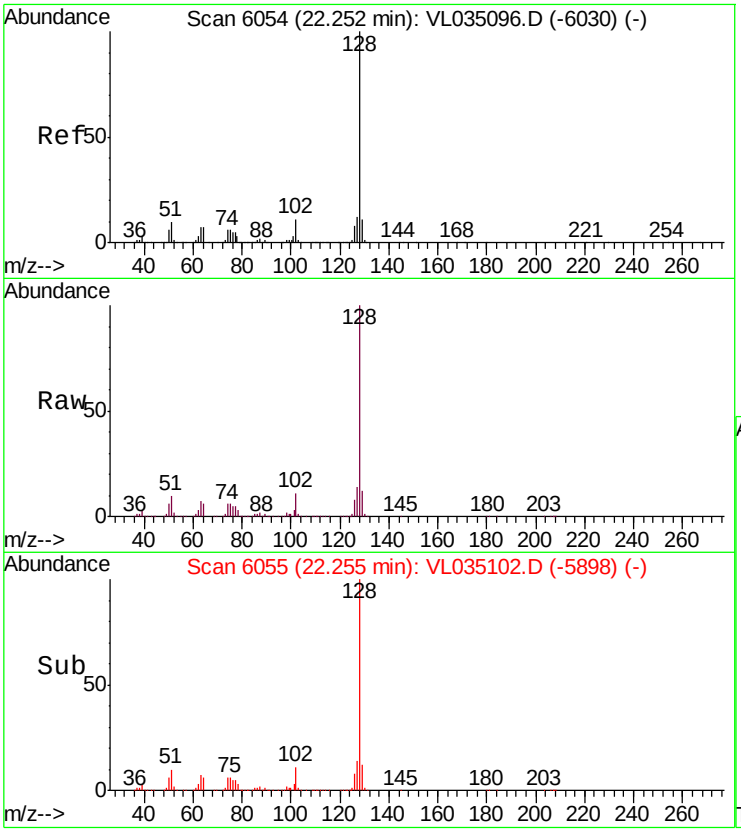


#78
Hexachloro-1,3-Butadiene
Concen: 11.536 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:225 Resp: 2226513

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.0
227	65.5	51.8	77.8



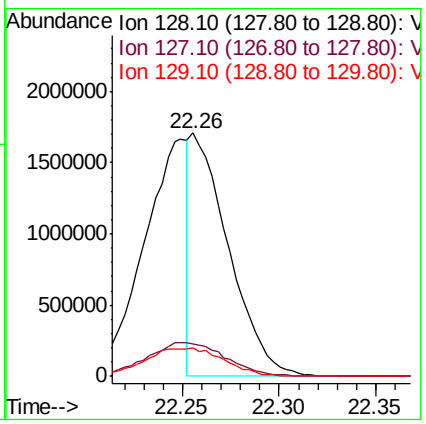


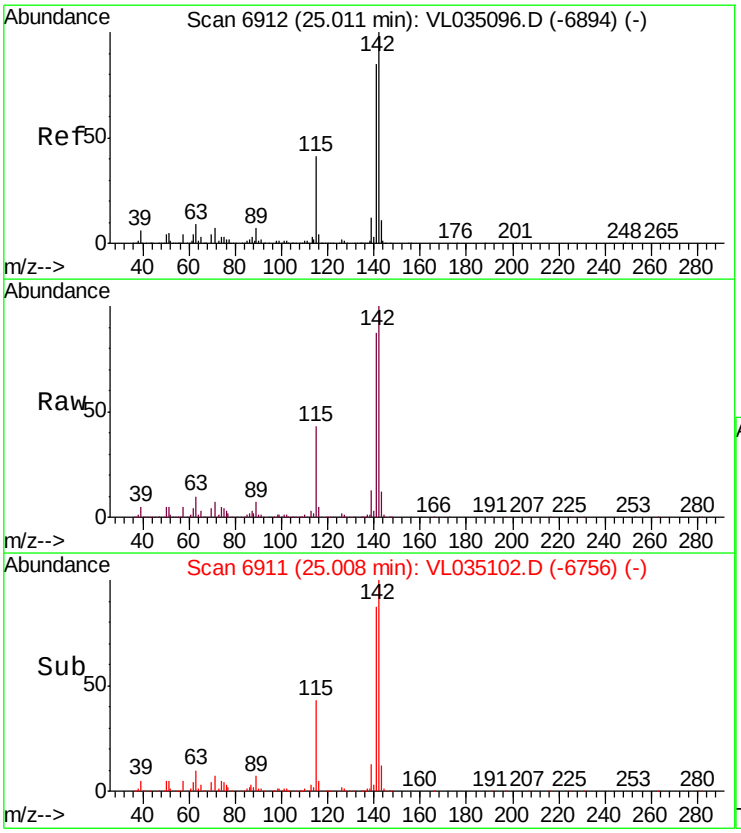
#79
Naphthalene
Concen: 7.341 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. 0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 2311593

Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.9	14.9
129	11.8	9.0	13.4

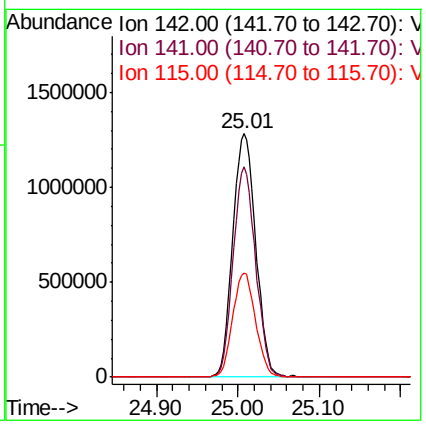


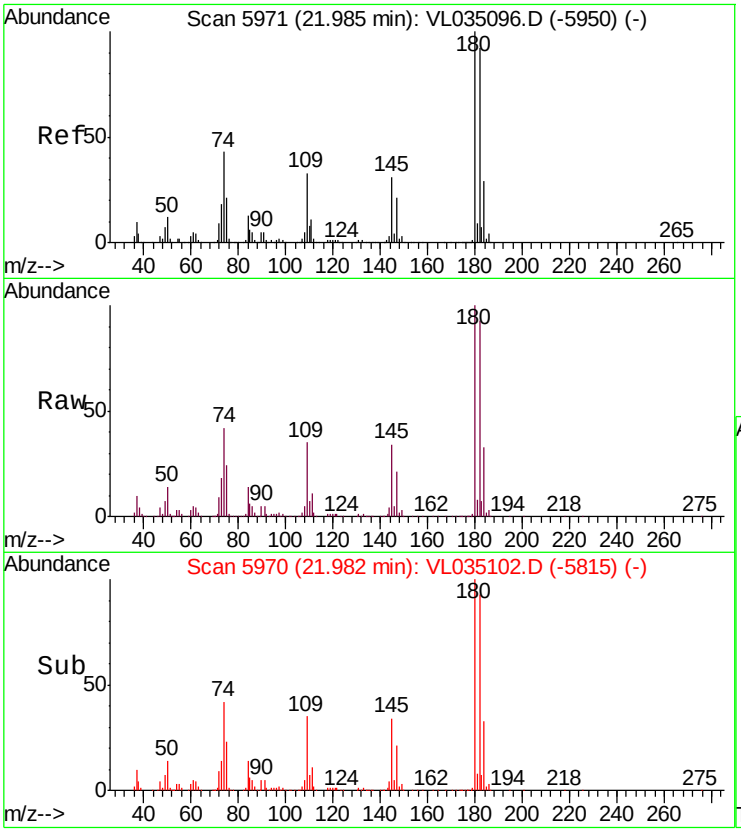


#80
Naphthalene,2-methyl-
Concen: 31.933 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Tgt Ion:142 Resp: 2532465

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.5	101.3
115	42.4	33.8	50.8





#81
1,2,4-Trichlorobenzene
Concen: 13.783 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.00 min
Lab File: VL035102.D
Acq: 19 Jun 2020 19:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 2645216

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.9	116.9
184	31.6	24.6	37.0