Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036208.D
Acq On : 24 Dec 2020 8:02
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Dec 25 01:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1366342	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2669723	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2728438	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2284527	10.54	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1054571	6.623	ppbv	99
3) Chlorodifluoromethane	2.97	51	1738282	11.151	ppbv	96
4) Chloromethane	3.13	50	791081	10.336	ppbv	99
5) Vinyl Chloride	3.24	62	790043	9.278	ppbv	98
6) Bromomethane	3.46	94	423024	9.629	ppbv	92
7) Chloroethane	3.54	64	287256	9.904	ppbv	97
8) Dichlorotetrafluoroethane	3.17	85	1754104	9.912	ppbv	85
9) Propene	3.00	41	741092	9.490	ppbv	97
10) Heptane	8.11	43	1887971	9.466	ppbv	98
11) Trichlorofluoromethane	3.94	101	2132646	11.392	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1301469	10.236	ppbv	88
13) Ethanol	3.59	45	119885	11.136	ppbv	93
14) Bromoethene	3.73	108	512152	9.819	ppbv	97
15) Acetone	3.84	43	1892787	11.526	ppbv	97
16) 1,3-Butadiene	3.31	39	814457	9.847	ppbv	100
17) tert-Butyl alcohol	4.28	59	1385133	8.708	ppbv	99
18) 1,1-Dichloroethene	4.28	96	561869	9.953	ppbv	90
19) Isopropyl Alcohol	3.96	45	986643	9.830	ppbv #	100
20) Methylene Chloride	4.33	84	514135	7.640	ppbv	98
21) Allyl Chloride	4.40	41	1001632	9.173	ppbv	90
22) trans-1,2-Dichloroethene	4.87	96	545046	9.644	ppbv	100
23) Vinyl Acetate	5.06	43	2255013	10.314	ppbv #	98
24) 1,1-Dichloroethane	5.00	63	1500852	9.760	ppbv	99
25) Ethyl Acetate	5.67	43	3245975	9.894	ppbv	100
26) Hexane	5.68	57	1318750	8.932	ppbv	99
27) Carbon Disulfide	4.54	76	1417486	9.660	ppbv	94
28) Methyl tert-Butyl Ether	5.02	73	1923544	9.164	ppbv	98
29) Chloroform	5.75	83	2067821	10.665	ppbv	98
30) Cyclohexane	7.12	84	1019697	9.402	ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	1418507	10.569	ppbv	94
32) 1,1,1-Trichloroethane	6.50	97	2055379	10.273	ppbv	95
34) 2-Butanone	5.23	43	2053668	11.597	ppbv	99
35) Carbon Tetrachloride	7.01	117	2007877	12.897	ppbv	97
36) Benzene	6.88	78	2550504	11.273	ppbv	97
37) 1,2-Dichloroethane	6.30	62	1848277	14.098	ppbv #	96
38) Trichloroethene	7.82	130	795642	9.407	ppbv	87
39) 1,2-Dichloropropane	7.60	63	1087081	12.166	ppbv	93
40) 1,4-Dioxane	7.82	88	322168	11.464	ppbv #	35
41) Tetrahydrofuran	6.04	42	1172447	11.144	ppbv	99
42) Bromodichloromethane	7.78	83	2343482	13.414	ppbv	99
43) Methyl Methacrylate	8.01	69	1173143	12.086	ppbv	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036208.D
Acq On : 24 Dec 2020 8:02
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Dec 25 01:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4681999	11.427	ppbv		97
45) t-1,3-Dichloropropene	9.27	75	1295169	12.988	ppbv		95
46) cis-1,3-Dichloropropene	8.70	75	1550302	12.404	ppbv		90
47) 1,1,2-Trichloroethane	9.47	97	983906	11.446	ppbv		97
48) Dibromochloromethane	10.30	129	1614085	12.434	ppbv		99
49) Bromoform	13.04	173	1285454	12.581	ppbv		99
50) 4-Methyl-2-Pentanone	8.73	43	3175933	12.025	ppbv		99
51) 2-Hexanone	10.13	43	2647460	12.824	ppbv	#	95
52) Tetrachloroethene	11.22	164	747603	9.128	ppbv		92
53) Toluene	9.80	91	2806665	11.047	ppbv		99
54) 1,2-Dibromoethane	10.60	107	1506353	11.690	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1202837	10.632	ppbv		97
57) Chlorobenzene	12.14	112	1911399	9.979	ppbv		97
58) Ethyl Benzene	12.70	91	3975263	10.631	ppbv		97
59) m/p-Xylene	12.99	91	3499352	11.111	ppbv	#	45
60) o-Xylene	13.69	91	3199666	10.783	ppbv		95
61) Styrene	13.52	104	2077563	10.906	ppbv		94
62) Isopropylbenzene	14.66	105	4500400	10.232	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2226345	11.141	ppbv		99
64) n-propylbenzene	15.55	120	1095295	10.351	ppbv		84
65) tert-Butylbenzene	16.74	119	3742973	10.397	ppbv		89
66) Benzyl Chloride	16.99	91	1262679	14.086	ppbv		94
67) sec-Butylbenzene	17.29	105	5439728	10.796	ppbv		97
69) p-Isopropyltoluene	17.65	119	4295840	10.719	ppbv		95
70) n-Butylbenzene	18.55	91	4859330	12.268	ppbv		98
71) 2-Chlorotoluene	15.45	91	3723246	11.199	ppbv		94
72) 4-Ethyltoluene	15.83	105	3504005	10.902	ppbv		96
73) 1,3,5-Trimethylbenzene	16.00	105	3311250	10.787	ppbv		96
74) 1,2,4-Trimethylbenzene	16.76	105	3393940	11.014	ppbv		94
75) 1,3-Dichlorobenzene	17.00	146	1656440	10.739	ppbv		97
76) 1,4-Dichlorobenzene	17.14	146	1633571	10.402	ppbv		96
77) 1,2-Dichlorobenzene	17.81	146	1596720	10.842	ppbv		96
78) Hexachloro-1,3-Butadiene	23.37	225	923125	7.821	ppbv		99
79) Naphthalene	22.19	128	1672490	10.678	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	687514	19.629	ppbv		92
81) 1,2,4-Trichlorobenzene	21.92	180	926082	8.849	ppbv	#	100

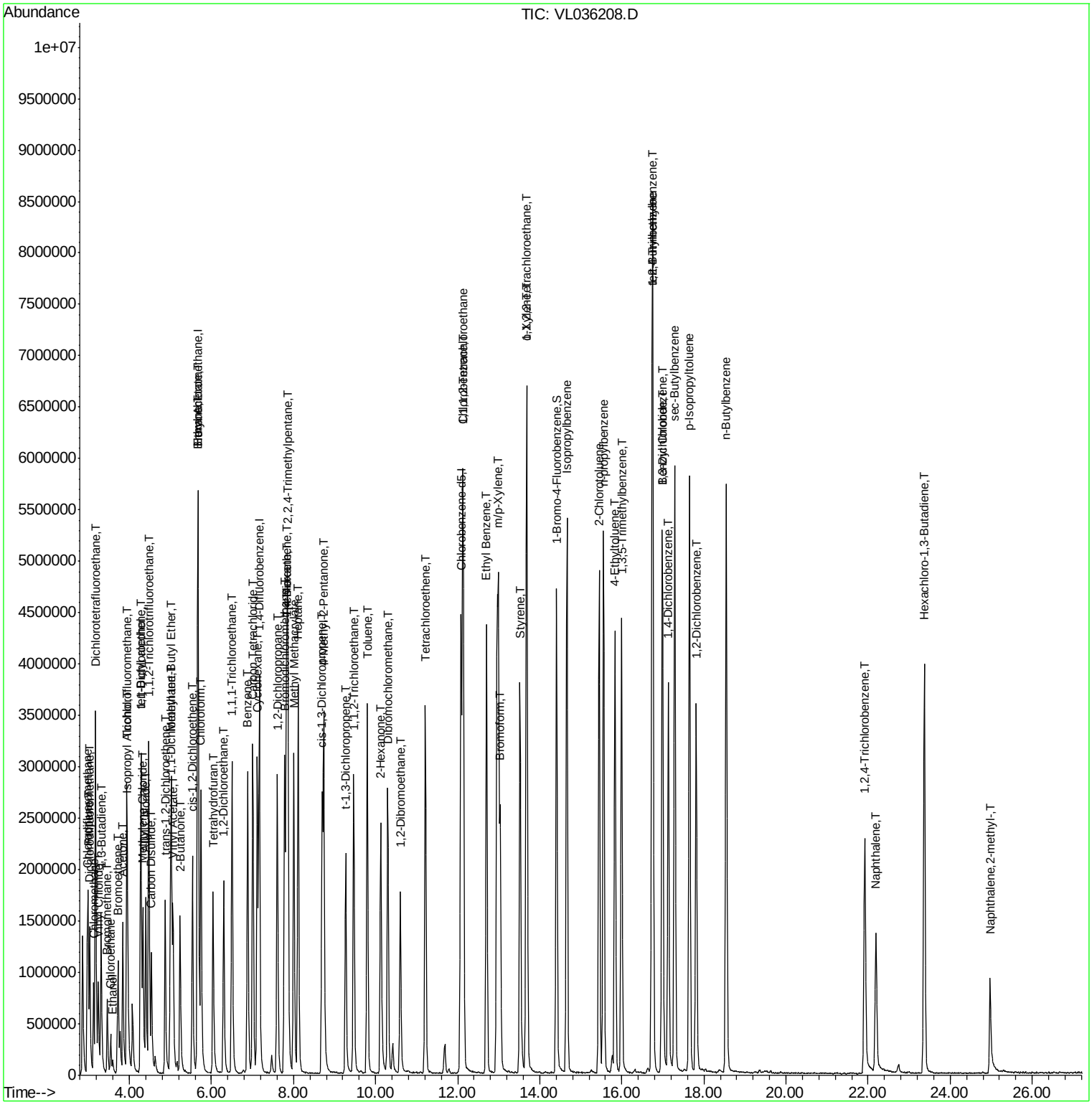
(#) = qualifier out of range (m) = manual integration (+) = signals summed

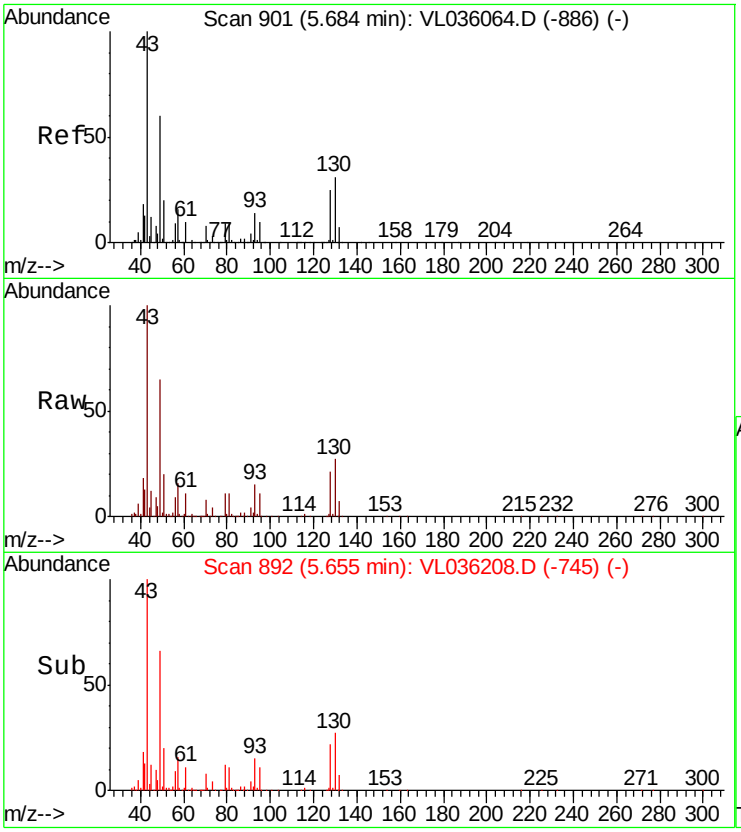
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036208.D
Acq On : 24 Dec 2020 8:02
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Dec 25 01:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



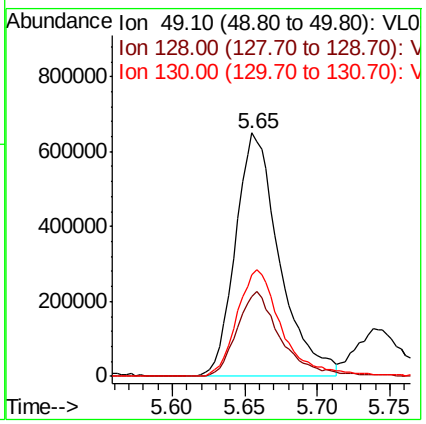


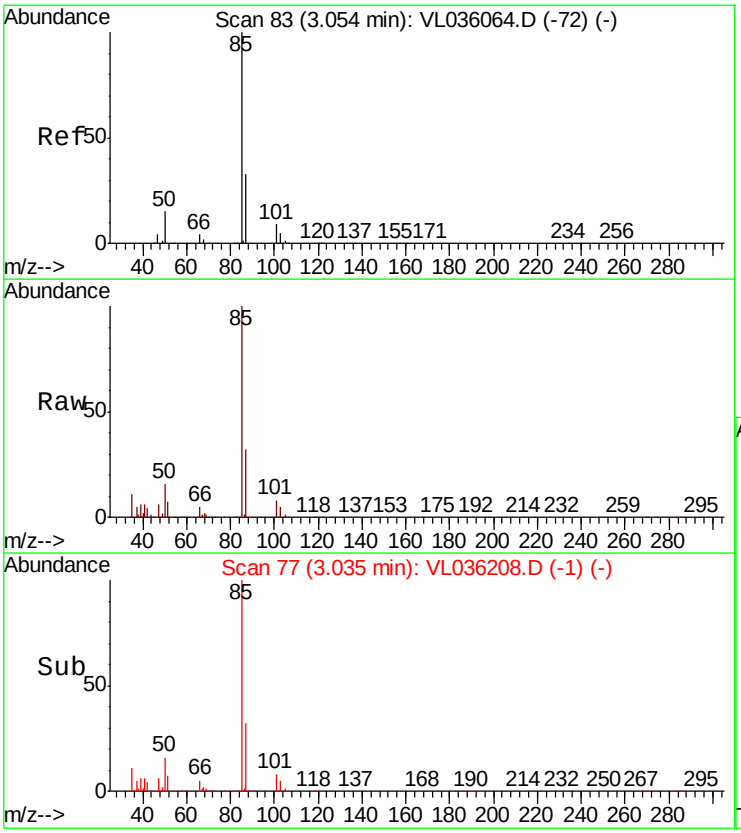
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1366342

Ion	Ratio	Lower	Upper
49	100		
128	35.2	21.1	63.1
130	44.7	27.1	81.3

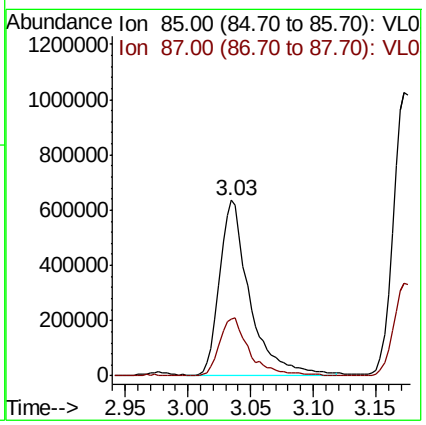


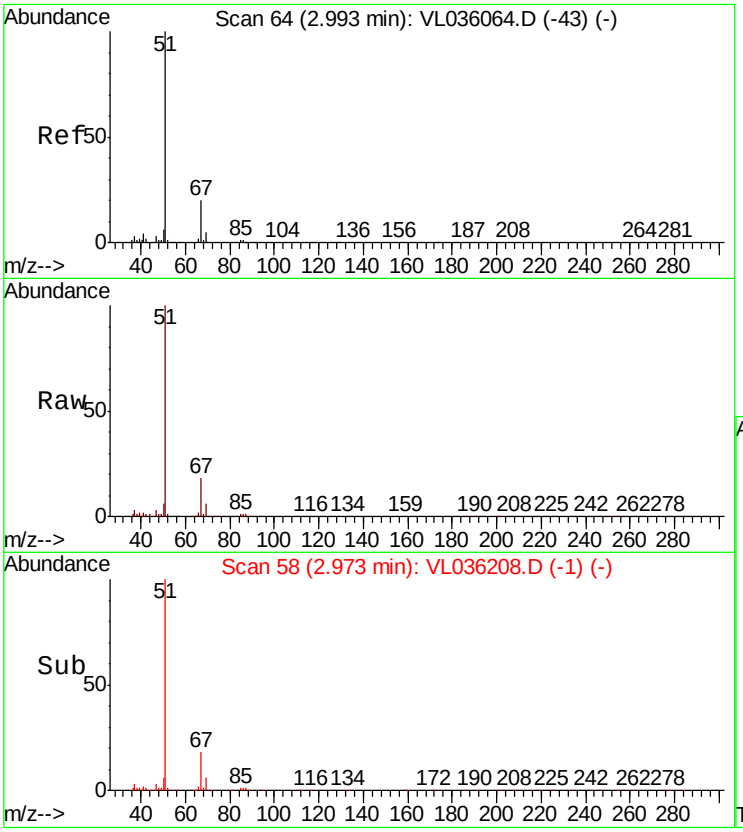


#2
Dichlorodifluoromethane
Concen: 6.623 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 85 Resp: 1054571

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.5	39.7



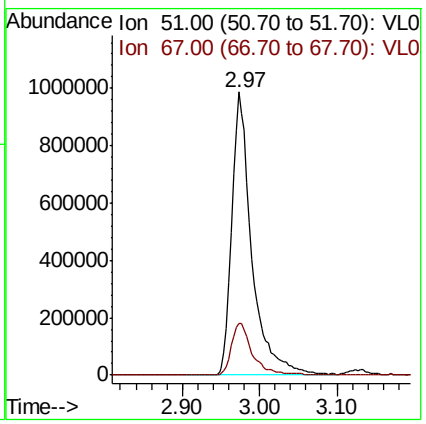


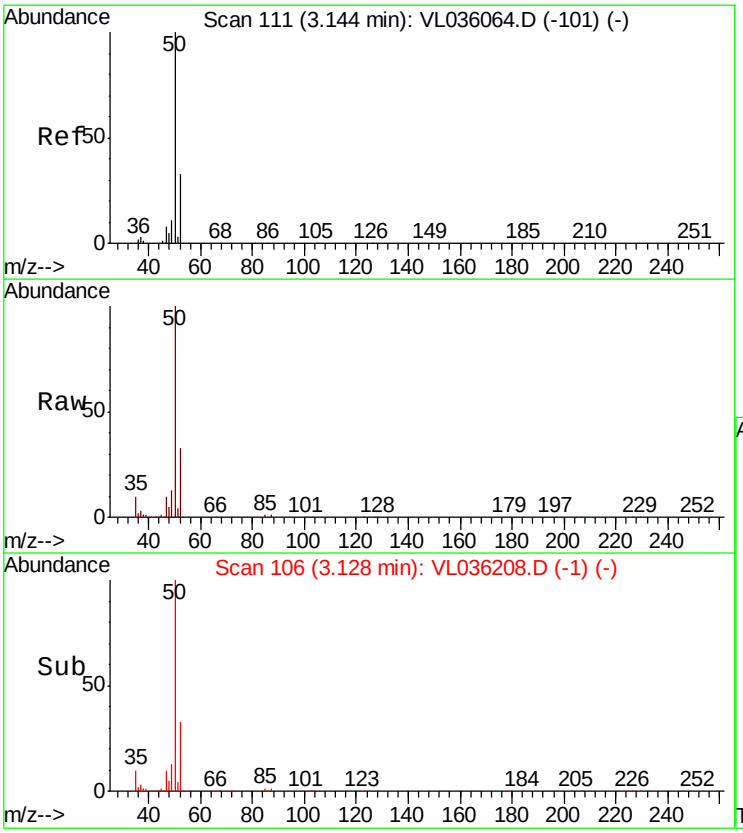
#3
Chlorodifluoromethane
Concen: 11.151 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1738282

Ion	Ratio	Lower	Upper
51	100		
67	19.5	14.3	21.5

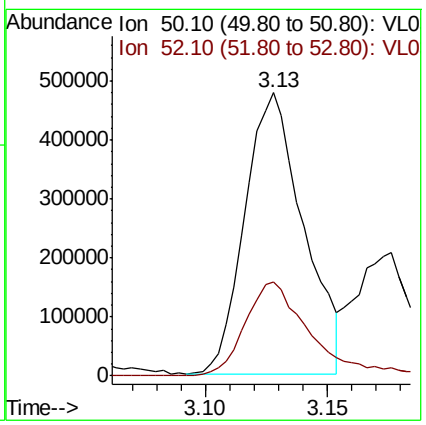


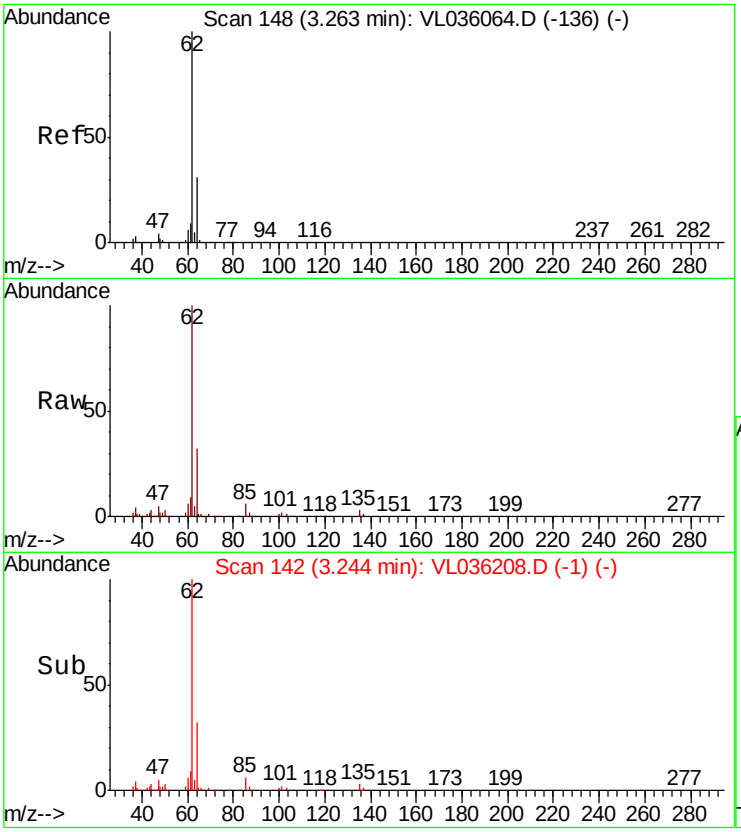


#4
Chloromethane
Concen: 10.336 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 50 Resp: 791081

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.1	39.1



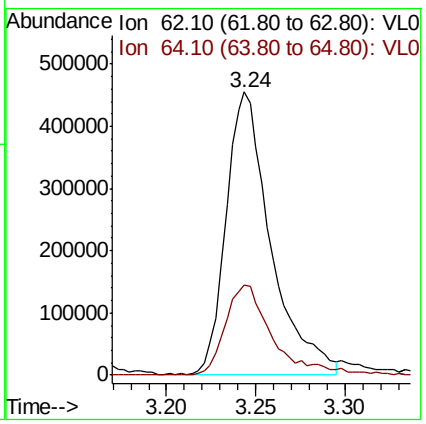


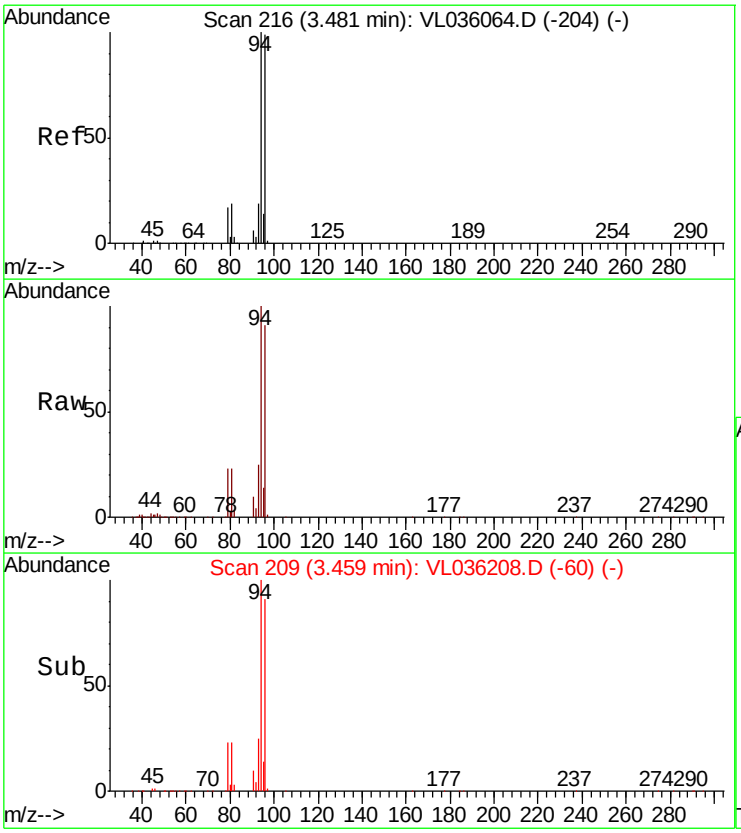
#5
Vinyl Chloride
Concen: 9.278 ppbv
RT: 3.24 min Scan# 142
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 790043

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.5	36.7

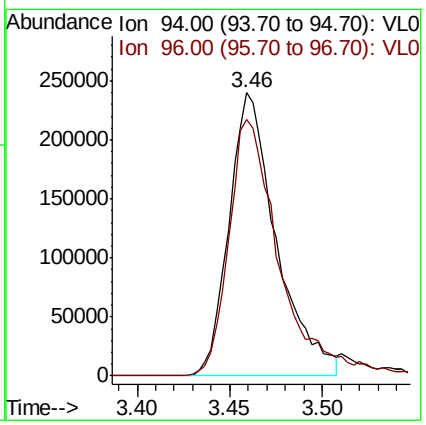


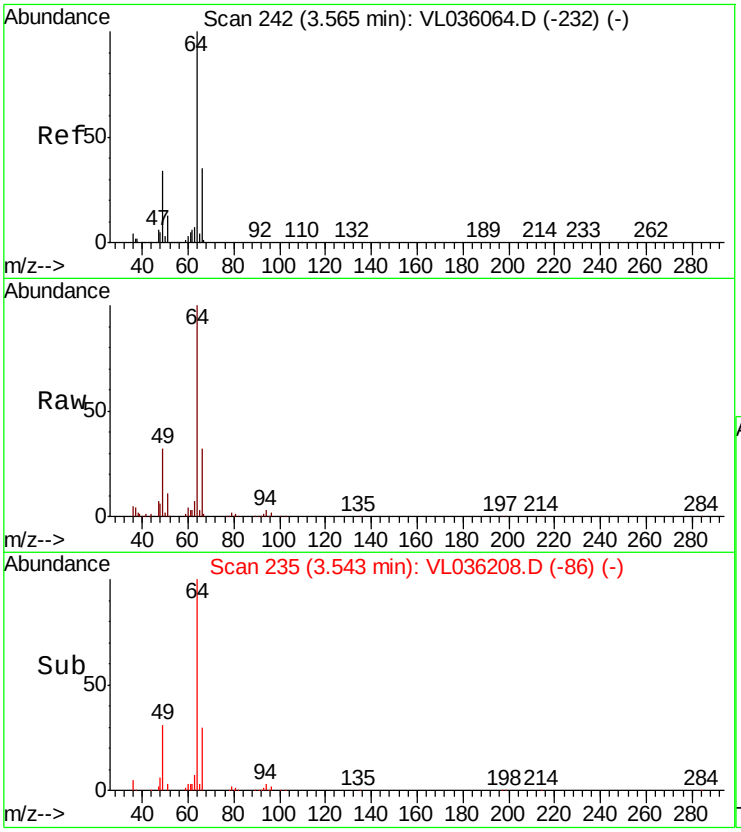


#6
Bromomethane
Concen: 9.629 ppbv
RT: 3.46 min Scan# 209
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 94 Resp: 423024

Ion	Ratio	Lower	Upper
94	100		
96	90.8	79.4	119.0



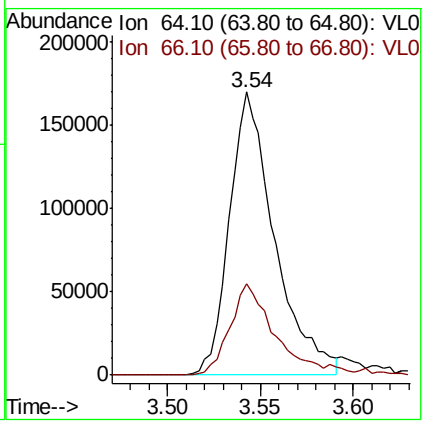


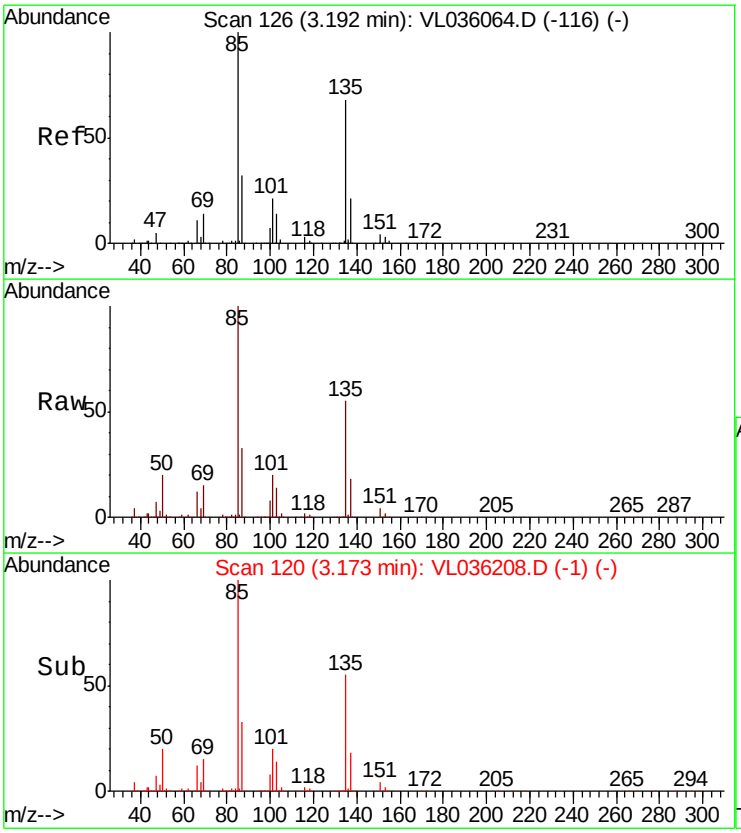
#7
Chloroethane
Concen: 9.904 ppbv
RT: 3.54 min Scan# 235
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 64 Resp: 287256

Ion	Ratio	Lower	Upper
64	100		
66	33.0	27.7	41.5

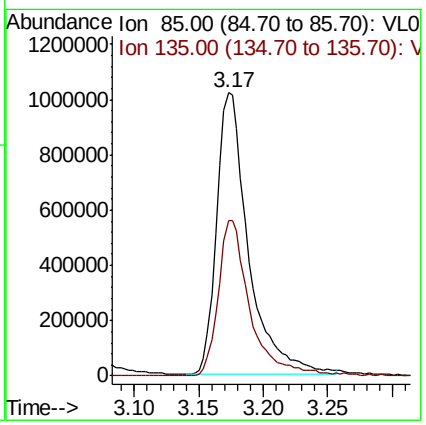


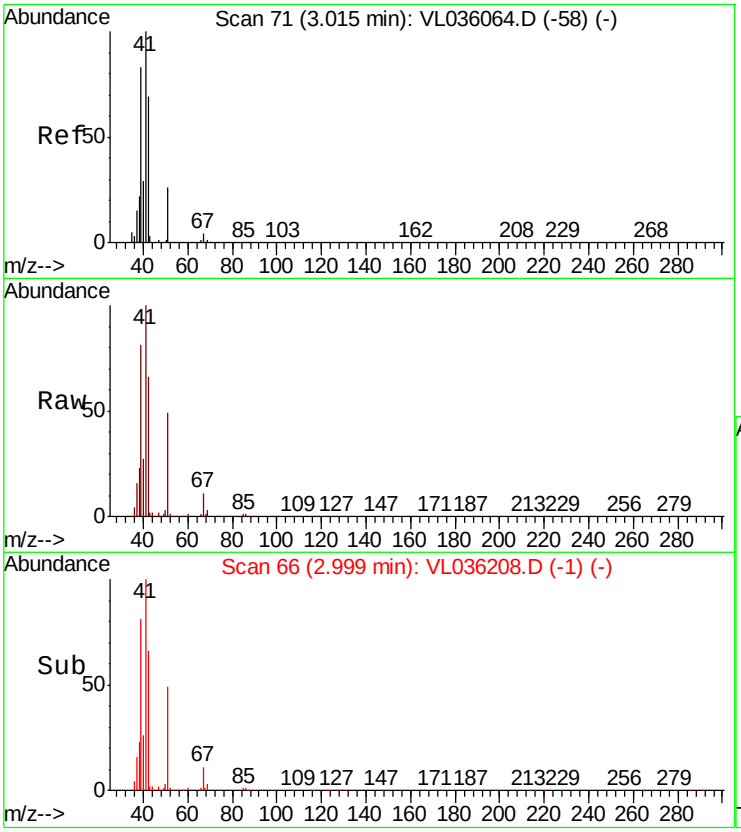


#8
Dichlorotetrafluoroethane
Concen: 9.912 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 85 Resp: 1754104

Ion	Ratio	Lower	Upper
85	100		
135	55.6	53.8	80.8



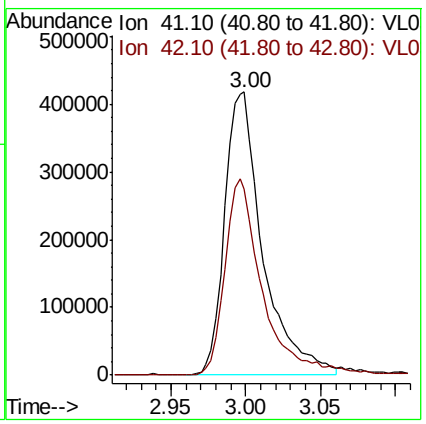


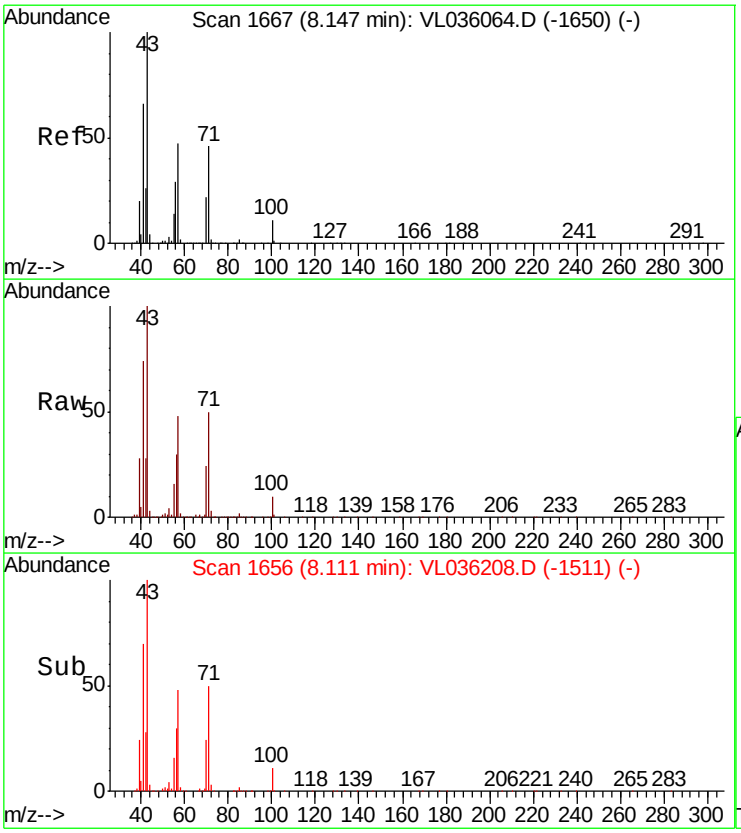
#9
Propene
Concen: 9.490 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 41 Resp: 741092

Ion	Ratio	Lower	Upper
41	100		
42	69.0	57.0	85.6

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

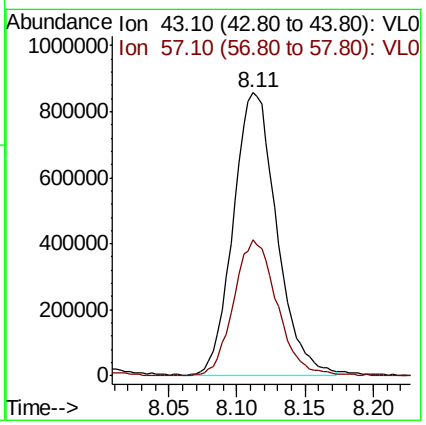


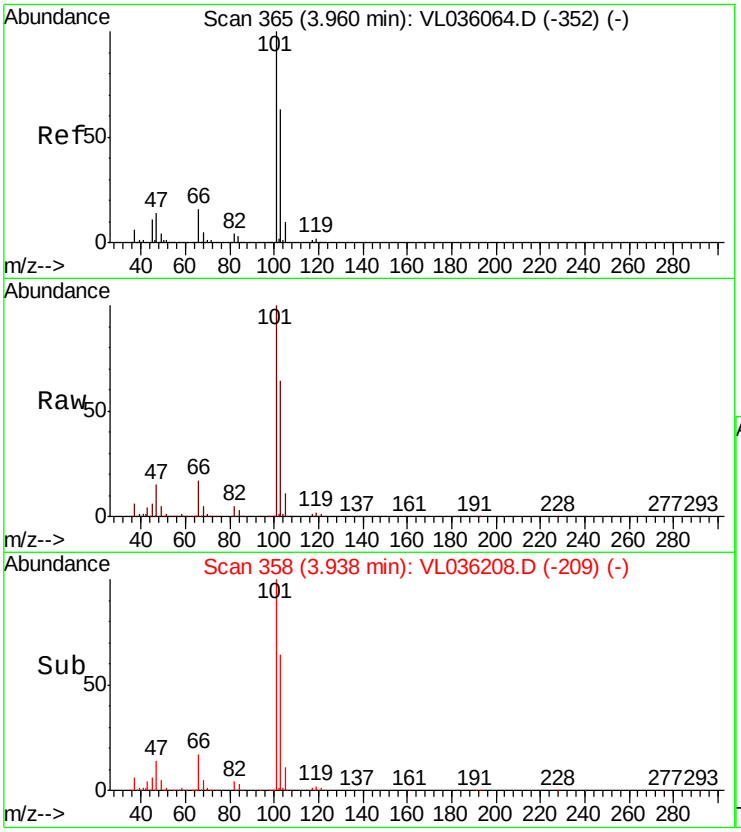


#10
Heptane
Concen: 9.466 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 43 Resp: 1887971

Ion	Ratio	Lower	Upper
43	100		
57	48.8	37.9	56.9



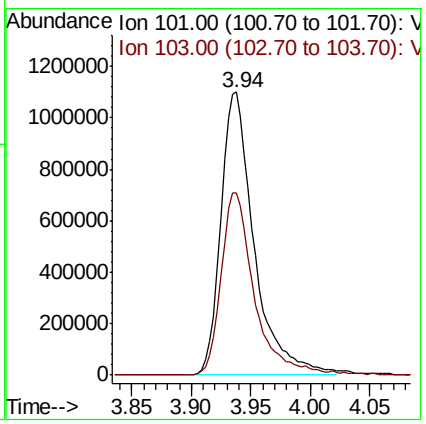


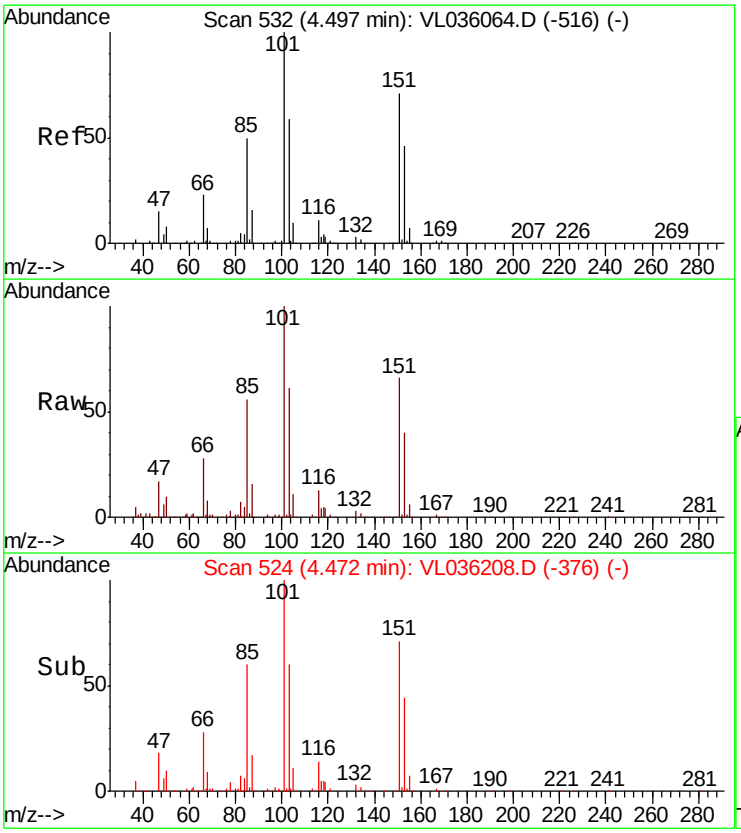
#11
Trichlorofluoromethane
Concen: 11.392 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2132646

Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.3	75.5

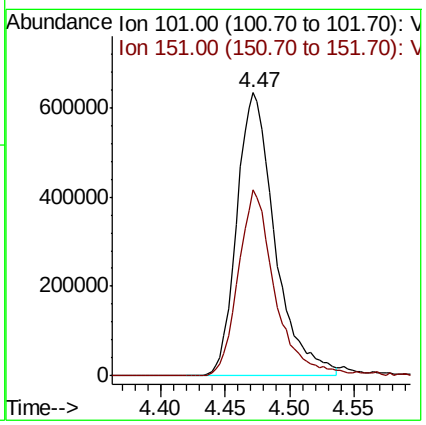


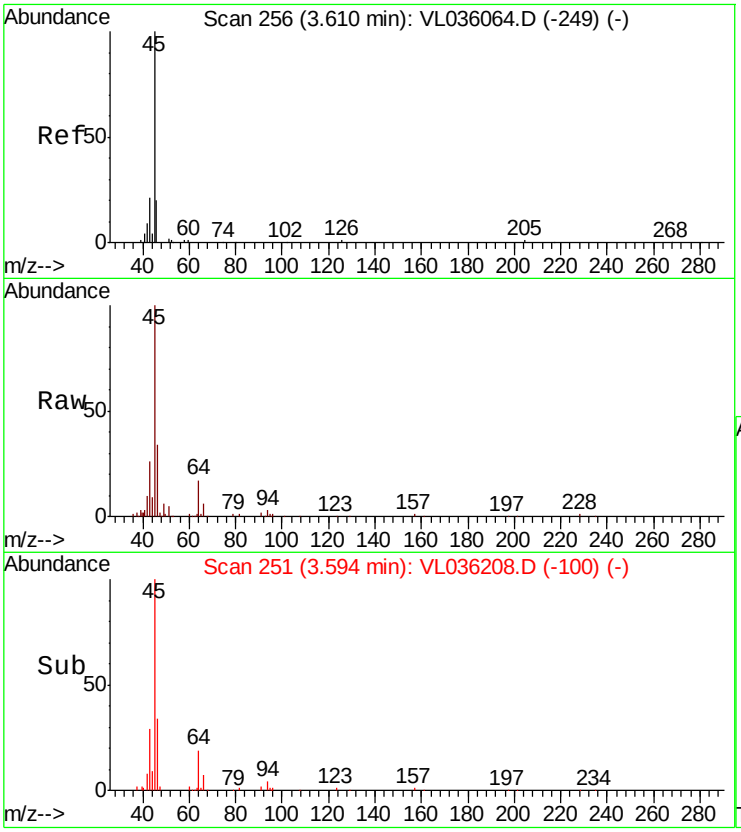


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.236 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:101 Resp: 1301469

Ion	Ratio	Lower	Upper
101	100		
151	64.0	59.3	88.9



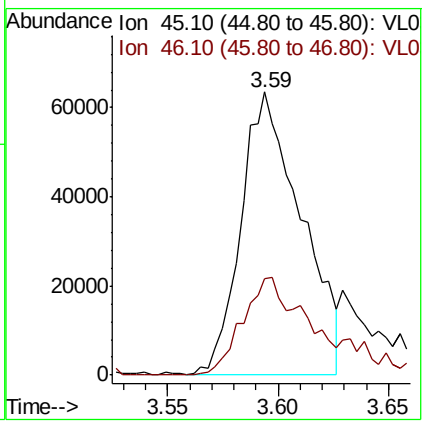


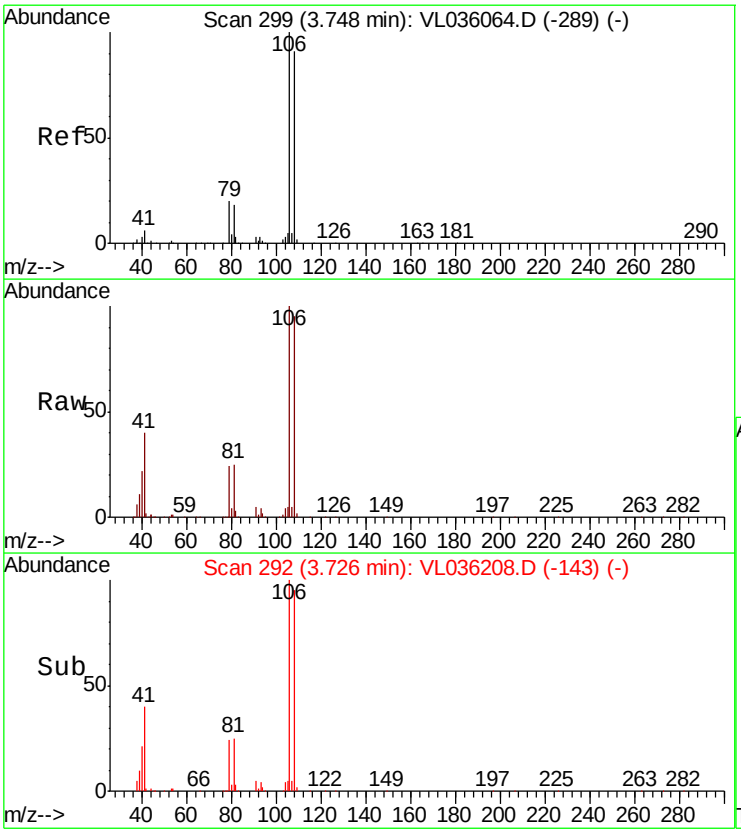
#13
Ethanol
Concen: 11.136 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 119885

Ion	Ratio	Lower	Upper
45	100		
46	42.8	19.0	75.8

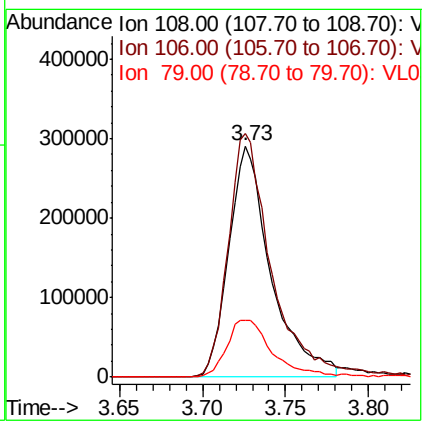


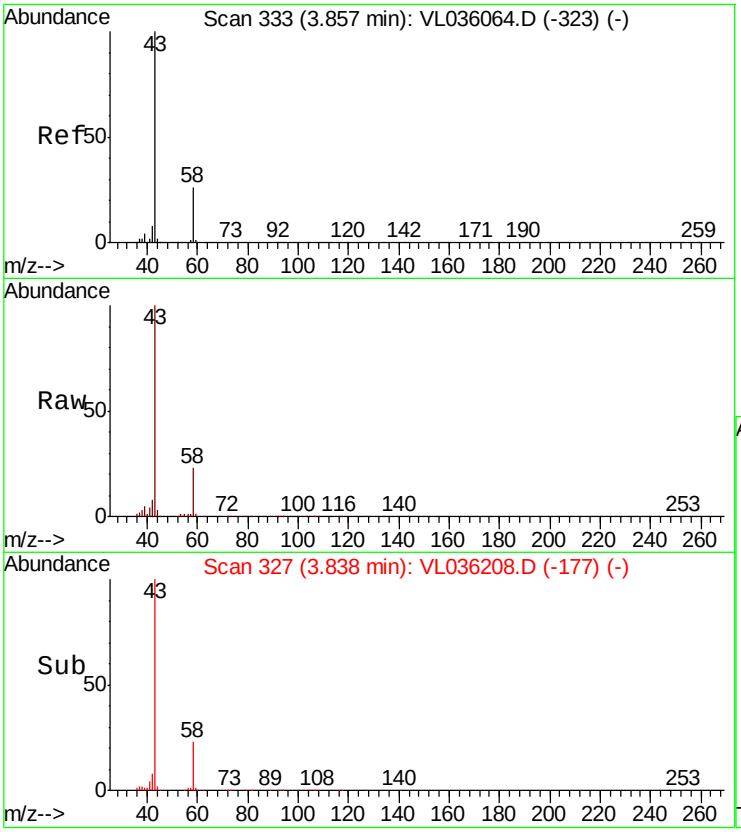


#14
Bromoethene
Concen: 9.819 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:108 Resp: 512152

Ion	Ratio	Lower	Upper
108	100		
106	110.9	91.0	136.4
79	27.2	19.3	28.9



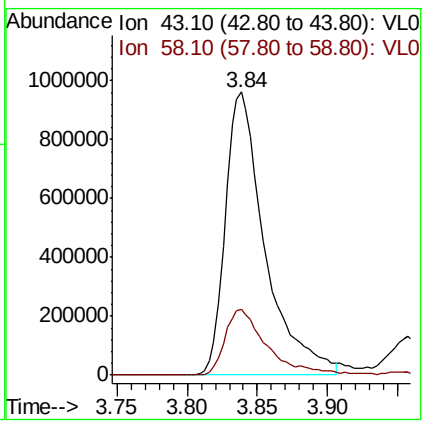


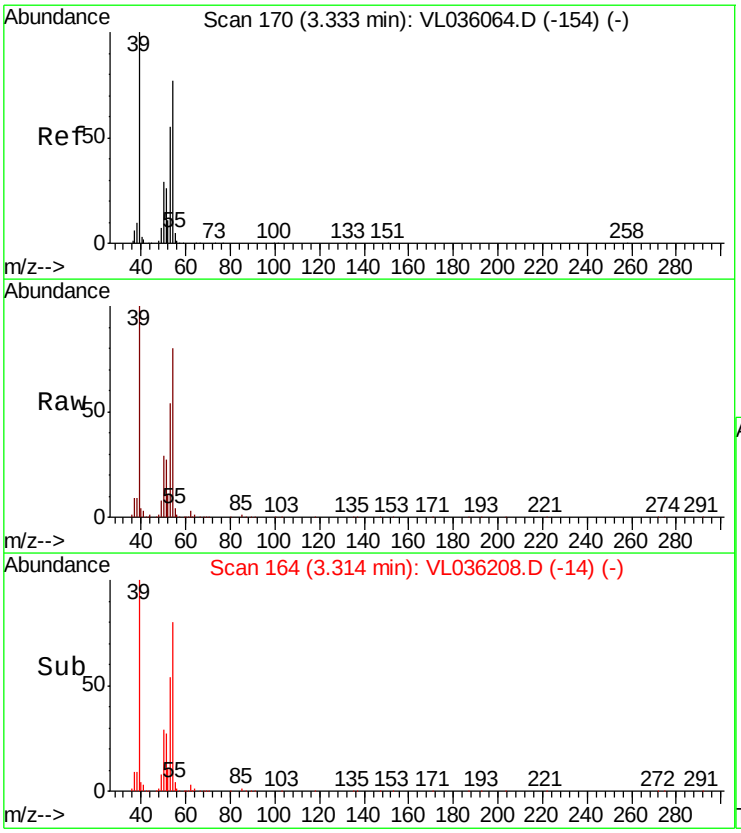
#15
Acetone
Concen: 11.526 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1892787

Ion	Ratio	Lower	Upper
43	100		
58	24.8	20.9	31.3

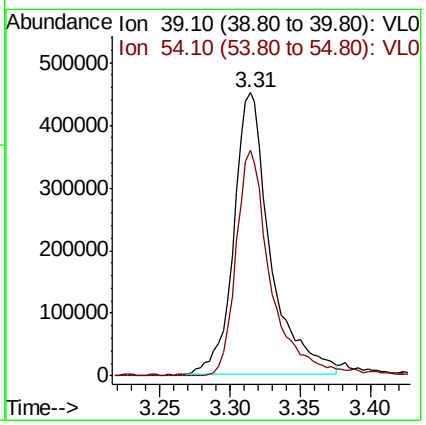


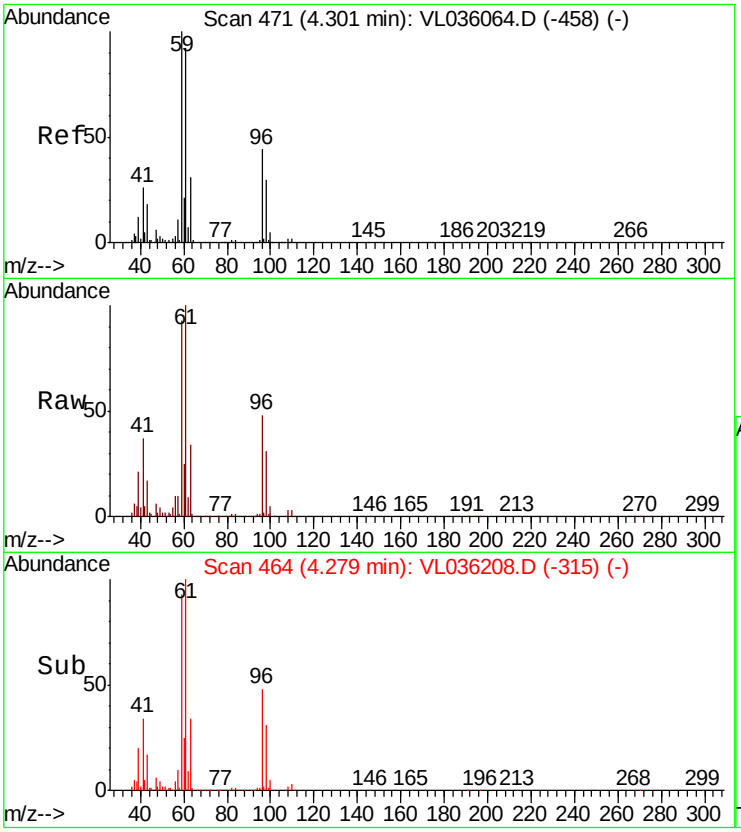


#16
1,3-Butadiene
Concen: 9.847 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 39 Resp: 814457

Ion	Ratio	Lower	Upper
39	100		
54	77.9	62.1	93.1



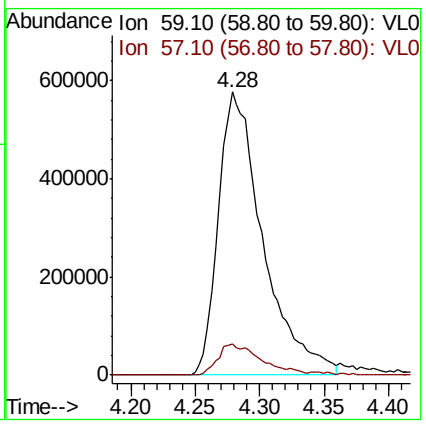


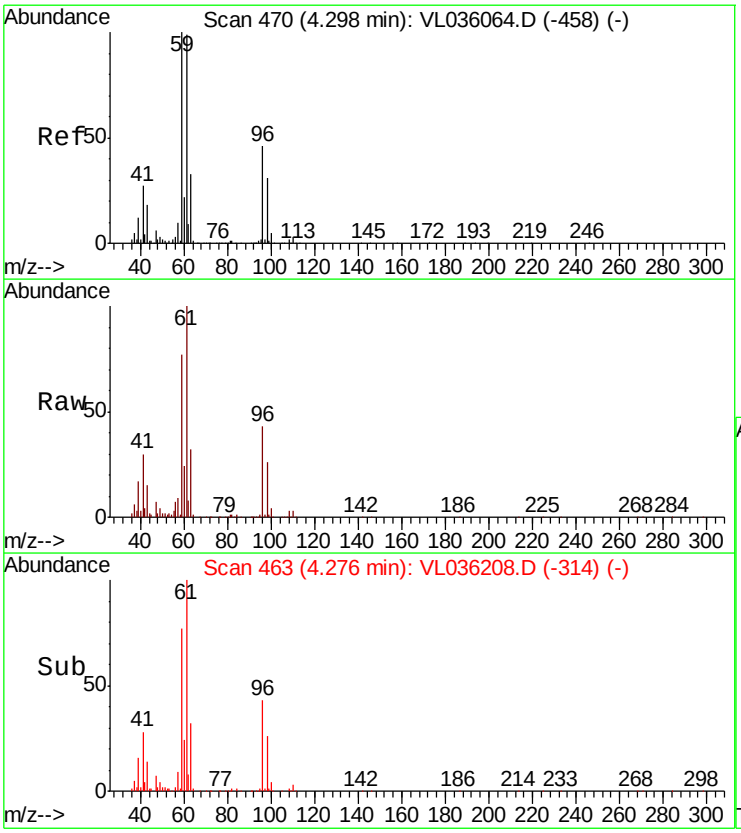
#17
tert-Butyl alcohol
Concen: 8.708 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 59 Resp: 1385133

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.7	13.1

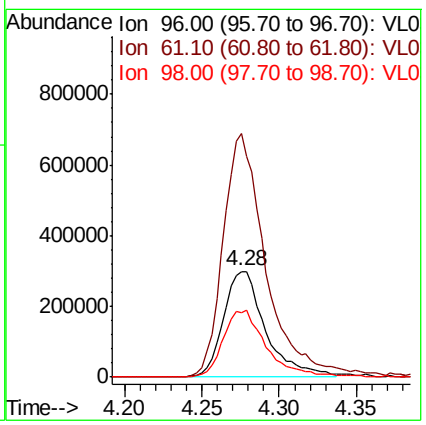


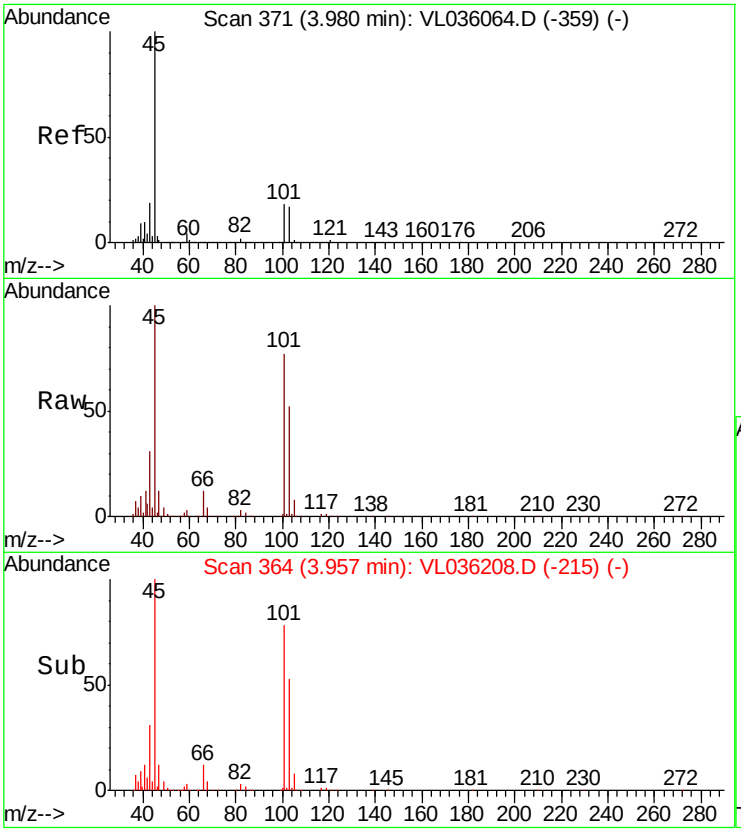


#18
1,1-Dichloroethene
Concen: 9.953 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 96 Resp: 561869

Ion	Ratio	Lower	Upper
96	100		
61	229.7	171.4	257.2
98	60.5	54.2	81.2



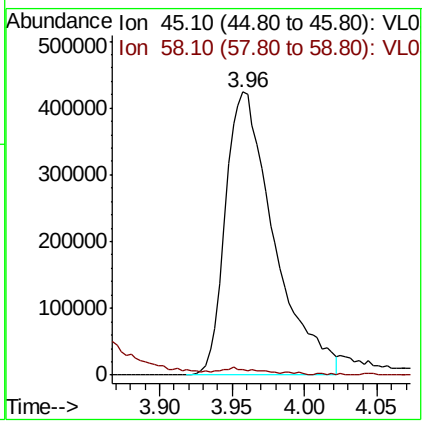


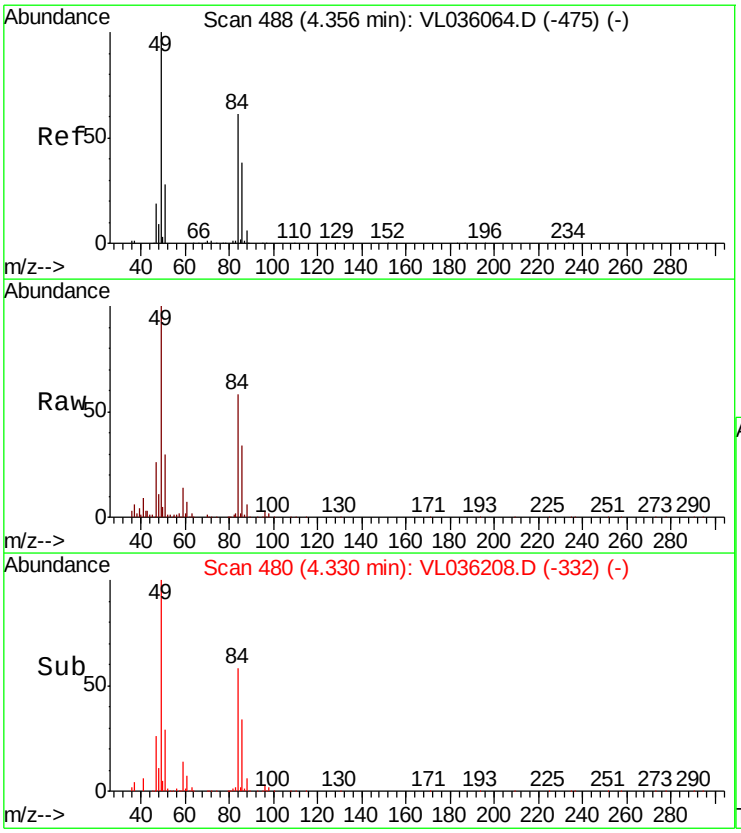
#19
Isopropyl Alcohol
Concen: 9.830 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 986643

Ion	Ratio	Lower	Upper
45	100		
58	2.2	0.0	0.0#

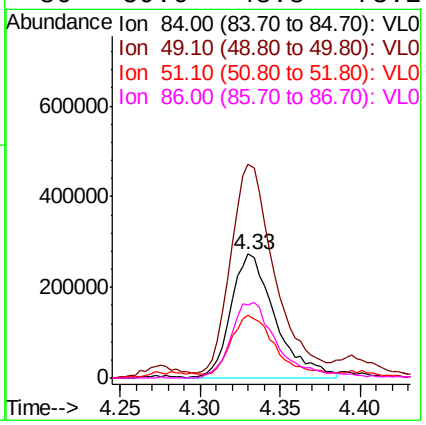


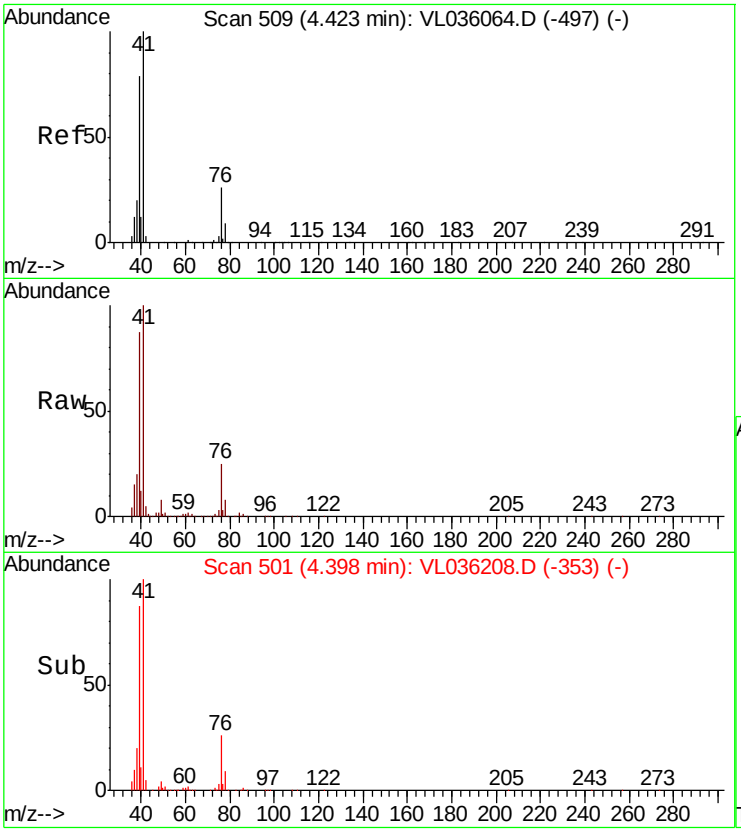


#20
Methylene Chloride
Concen: 7.640 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 84 Resp: 514135

Ion	Ratio	Lower	Upper
84	100		
49	168.6	133.0	199.4
51	48.4	38.9	58.3
86	59.6	48.8	73.2



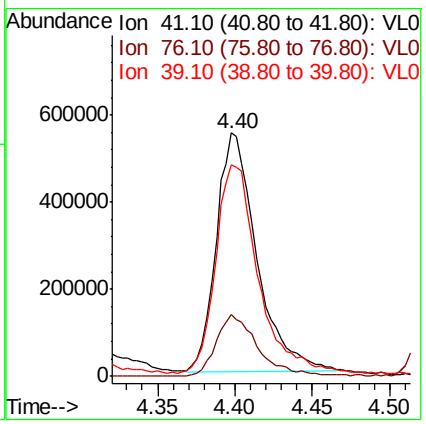


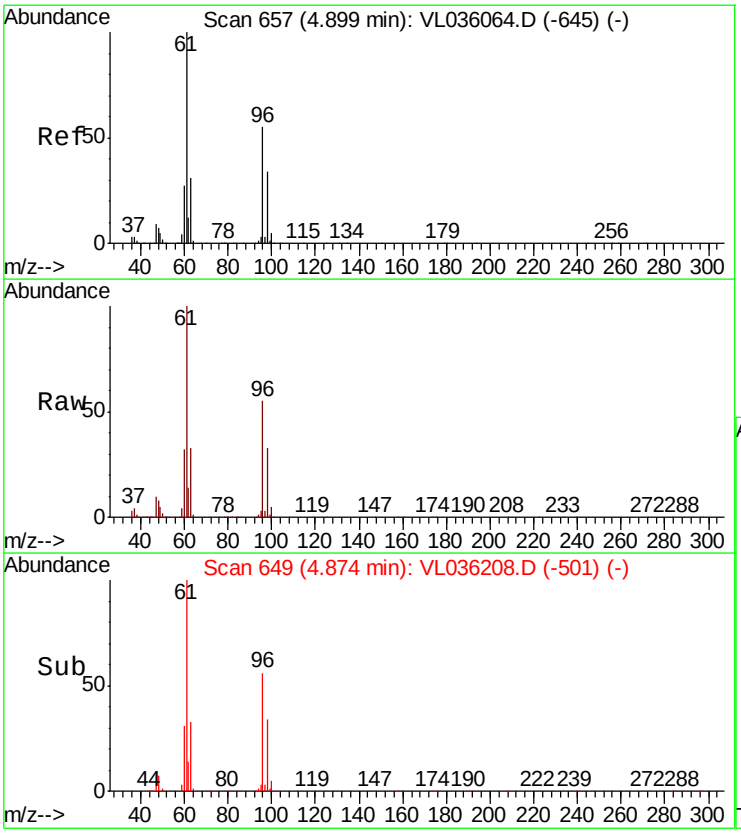
#21
Allyl Chloride
Concen: 9.173 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 1001632

Ion	Ratio	Lower	Upper
41	100		
76	26.9	21.0	31.4
39	94.2	66.0	99.0

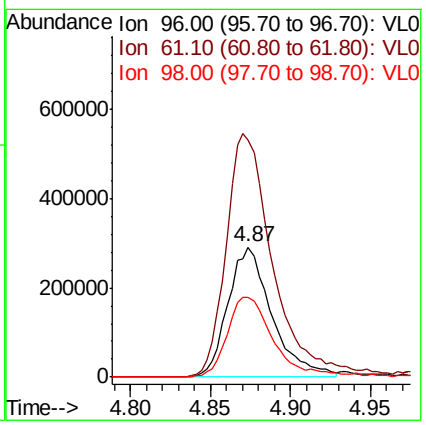


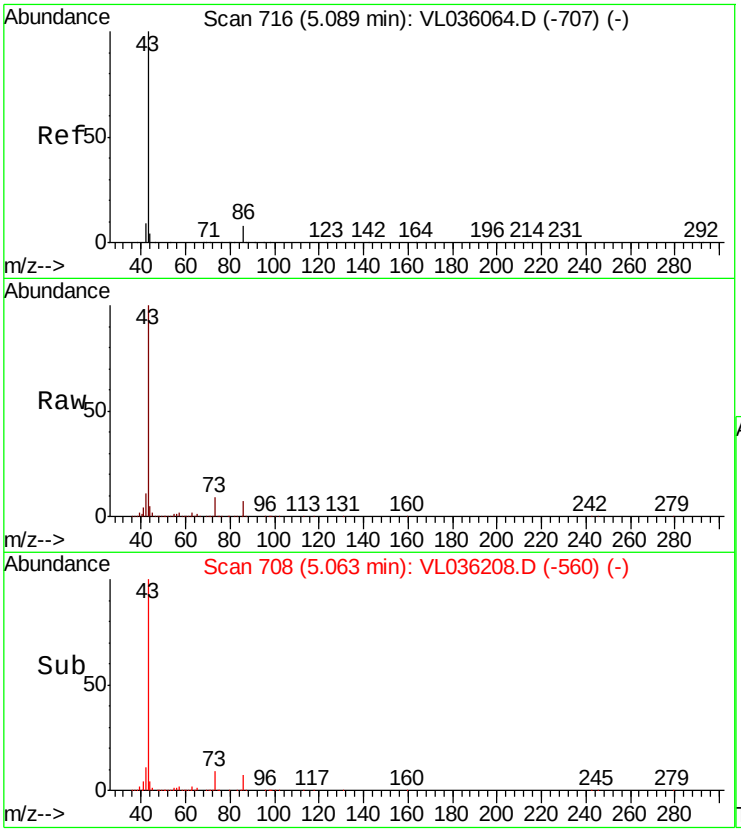


#22
trans-1,2-Dichloroethene
Concen: 9.644 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 96 Resp: 545046

Ion	Ratio	Lower	Upper
96	100		
61	182.3	145.7	218.5
98	60.9	49.2	73.8



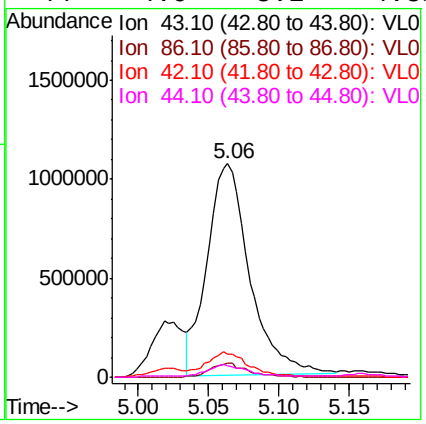


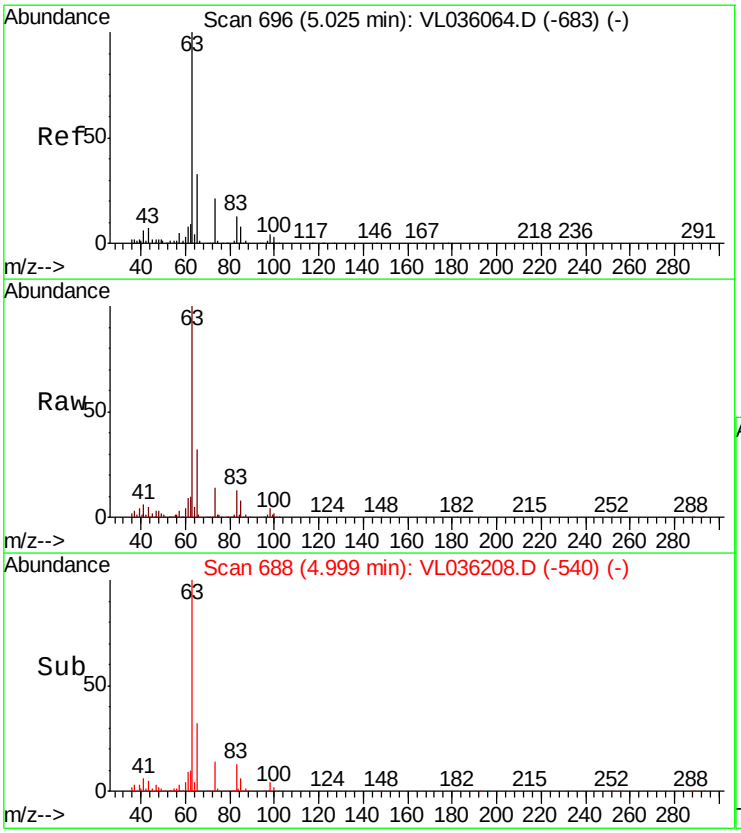
#23
Vinyl Acetate
Concen: 10.314 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2255013

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.0	7.4
42	10.7	7.8	11.6
44	4.9	3.2	4.8#

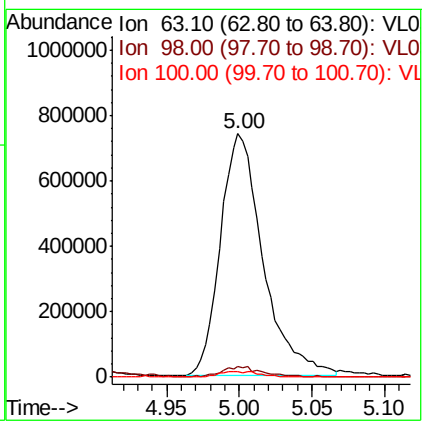


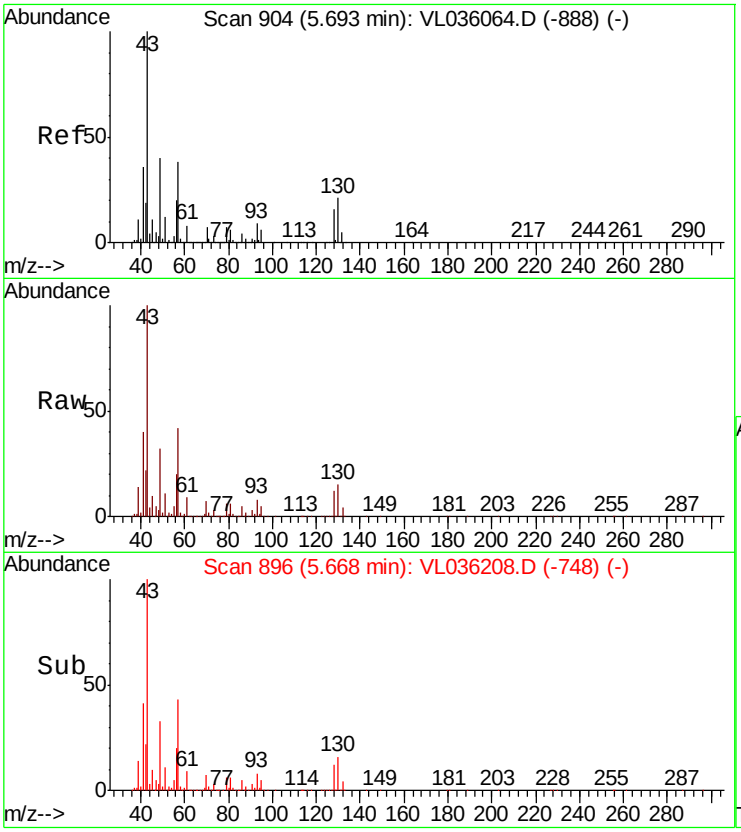


#24
1,1-Dichloroethane
Concen: 9.760 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 63 Resp: 1500852

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.2	6.6
100	2.5	1.5	4.4



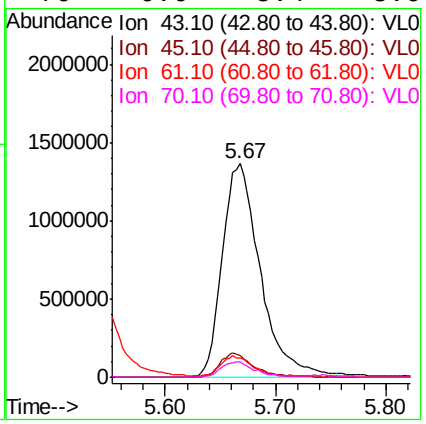


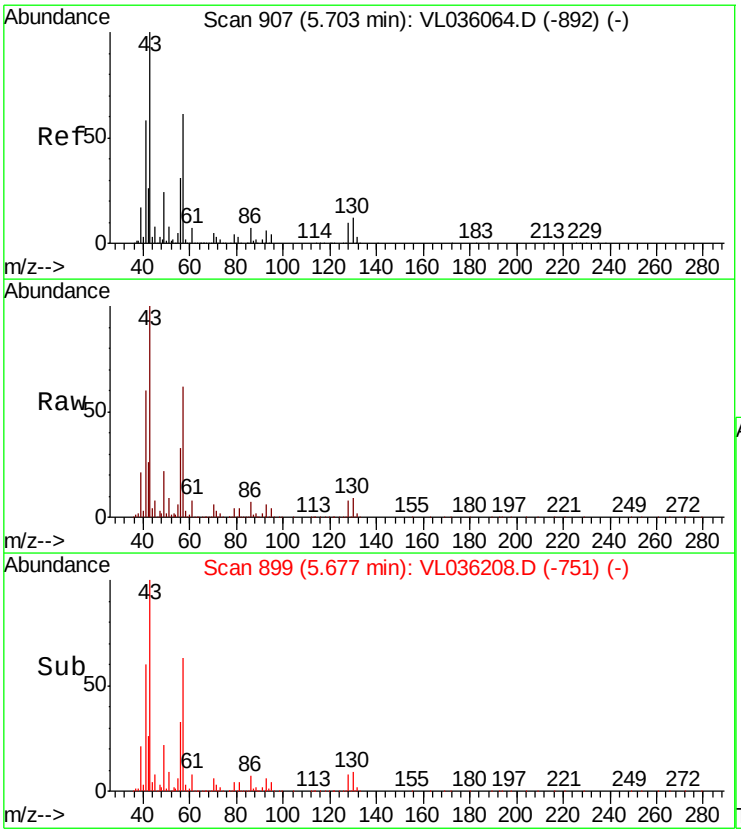
#25
Ethyl Acetate
Concen: 9.894 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 3245975

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.2	7.4	11.2
70	6.6	5.4	8.0

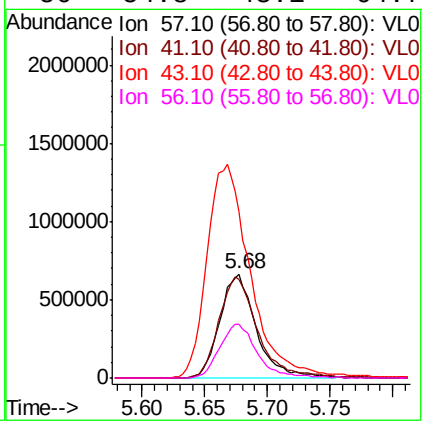


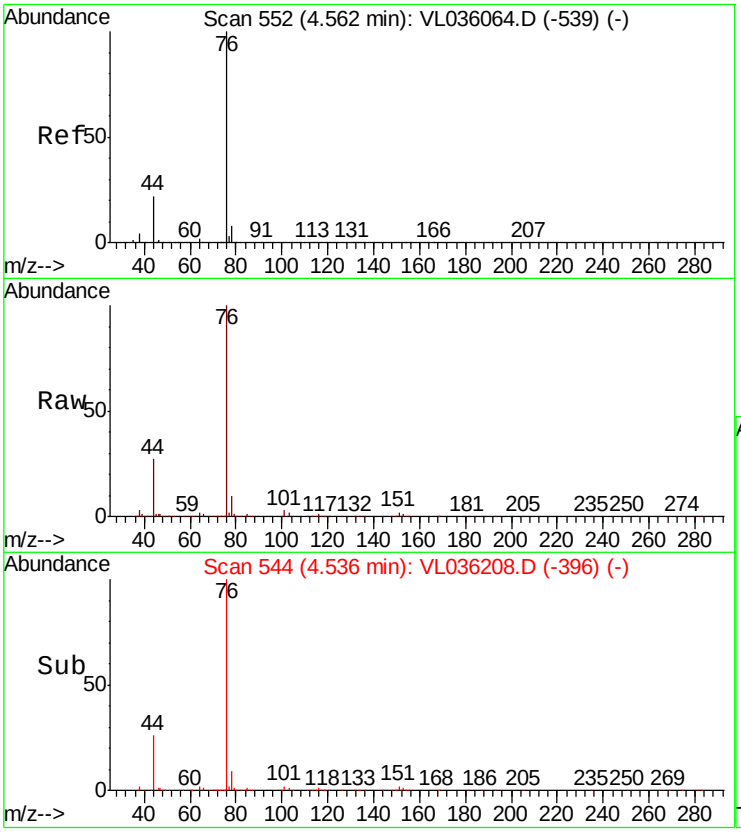


#26
Hexane
Concen: 8.932 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 57 Resp: 1318750

Ion	Ratio	Lower	Upper
57	100		
41	106.2	82.9	124.3
43	250.1	199.9	299.9
56	54.8	43.1	64.7



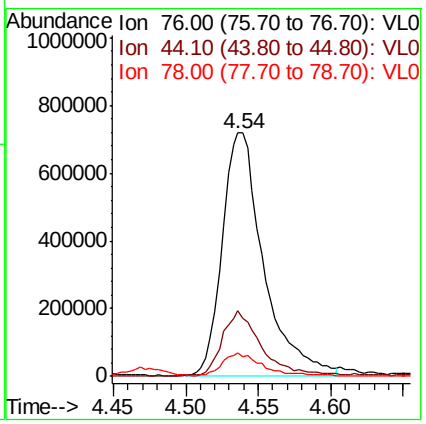


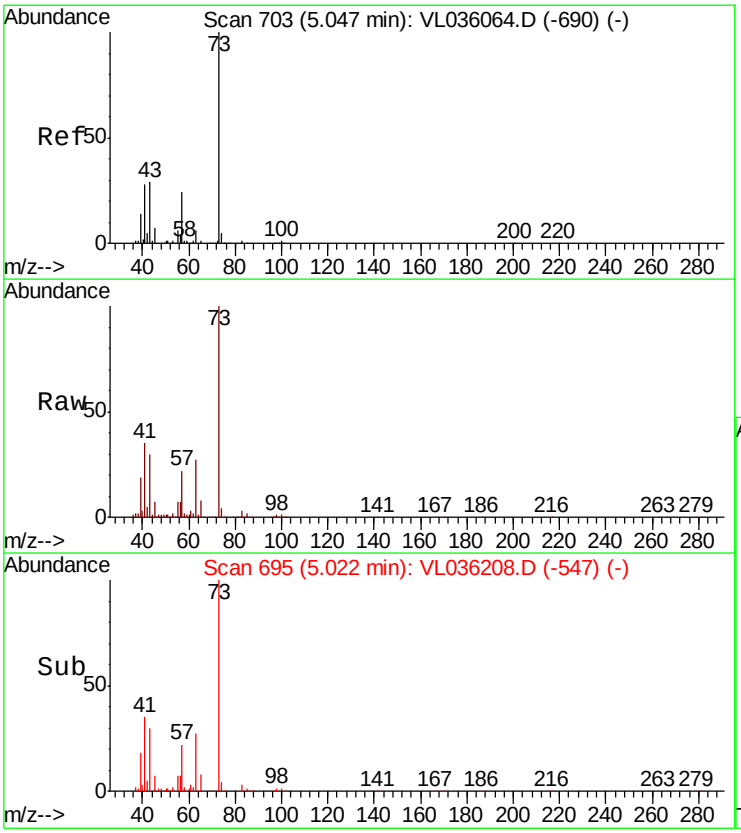
#27
Carbon Disulfide
Concen: 9.660 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 76 Resp: 1417486

Ion	Ratio	Lower	Upper
76	100		
44	26.3	17.9	26.9
78	9.7	7.8	11.8

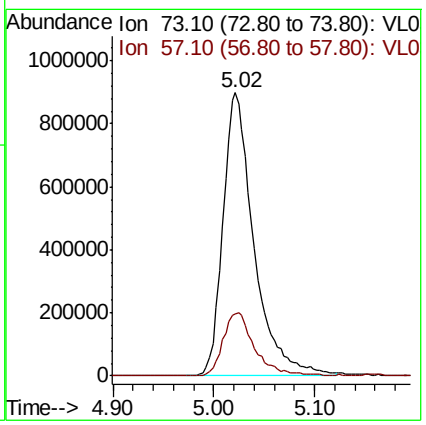


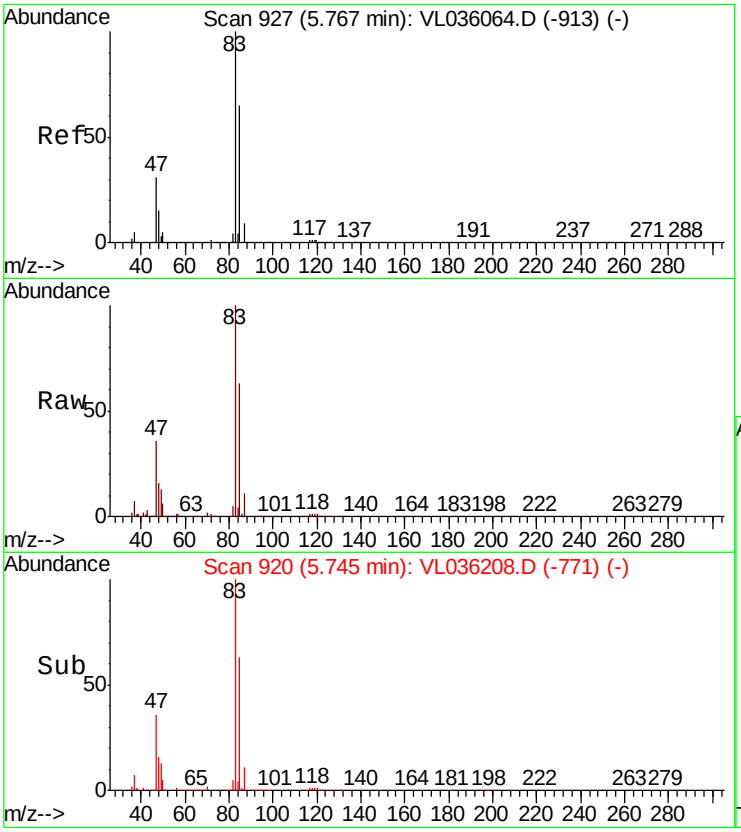


#28
Methyl tert-Butyl Ether
Concen: 9.164 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 73 Resp: 1923544

Ion	Ratio	Lower	Upper
73	100		
57	22.9	19.2	28.8



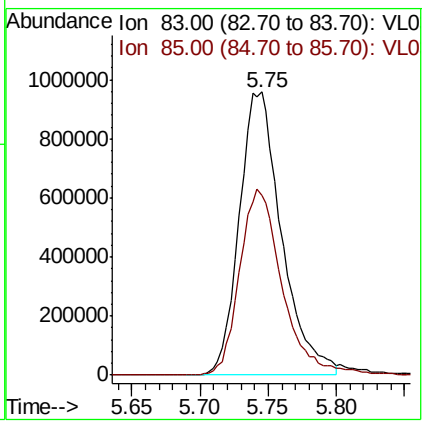


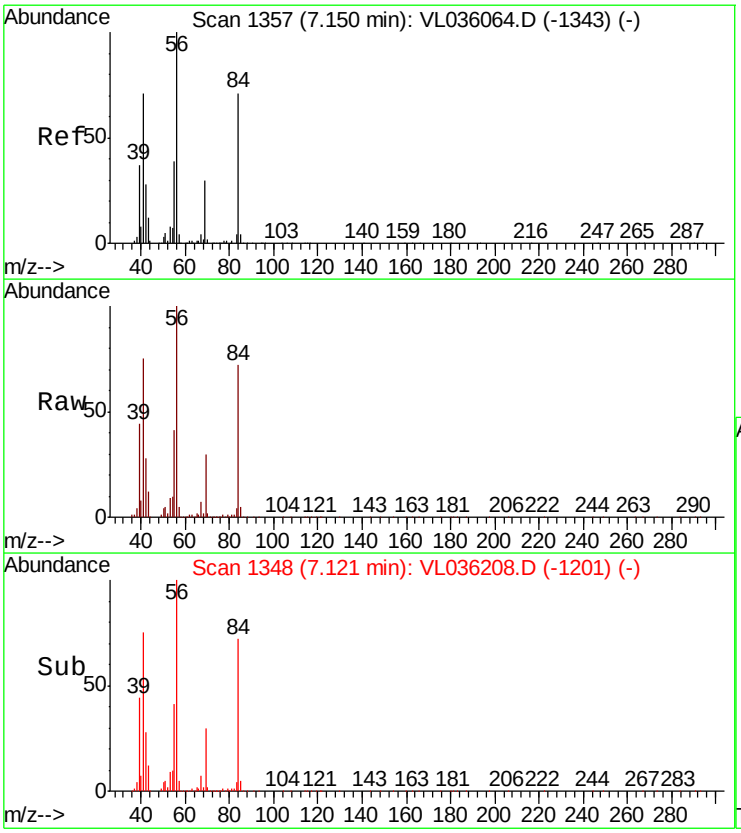
#29
Chloroform
Concen: 10.665 ppbv
RT: 5.75 min Scan# 920
Delta R.T. -0.02 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2067821

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6

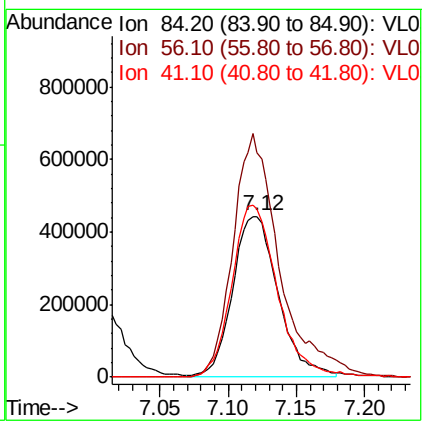


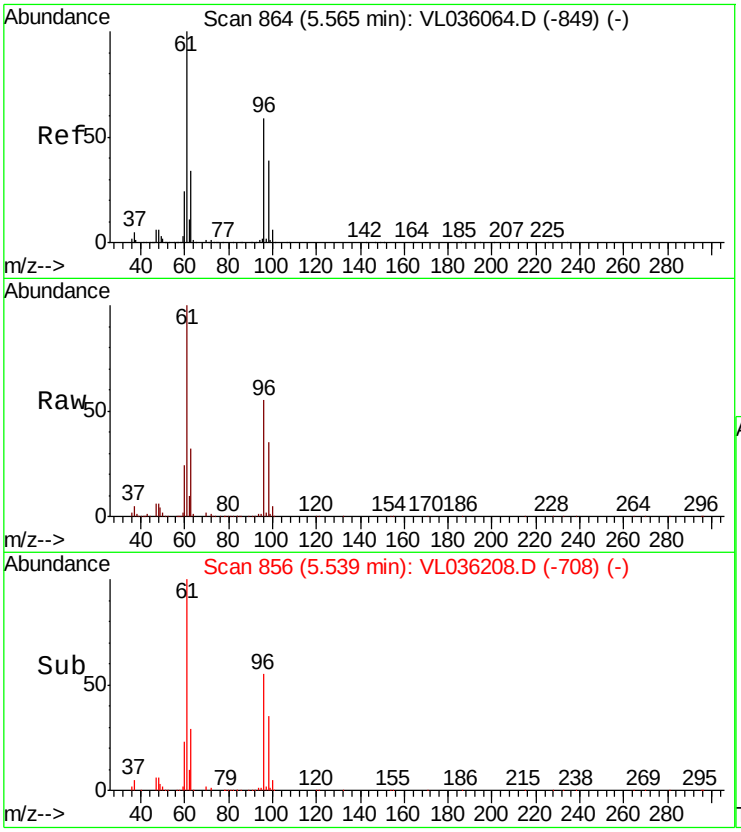


#30
Cyclohexane
Concen: 9.402 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 84 Resp: 1019697

Ion	Ratio	Lower	Upper
84	100		
56	156.8	128.0	192.0
41	109.3	81.3	121.9



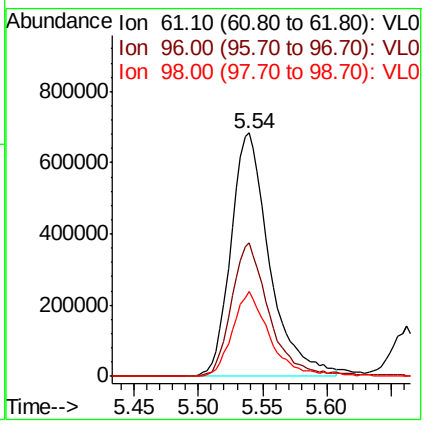


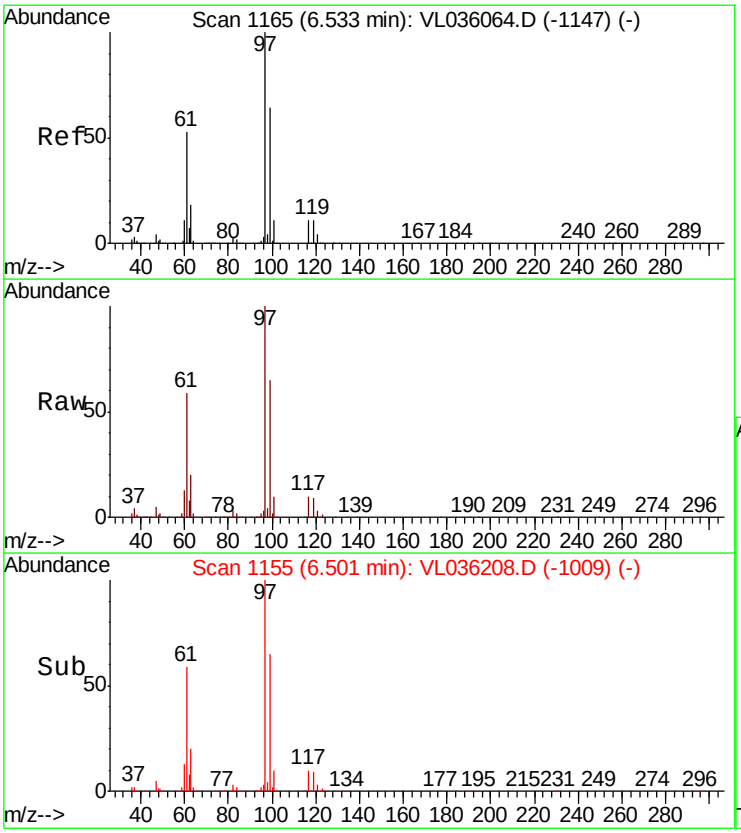
#31
cis-1,2-Dichloroethene
Concen: 10.569 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1418507

Ion	Ratio	Lower	Upper
61	100		
96	54.8	47.3	70.9
98	34.6	31.4	47.0

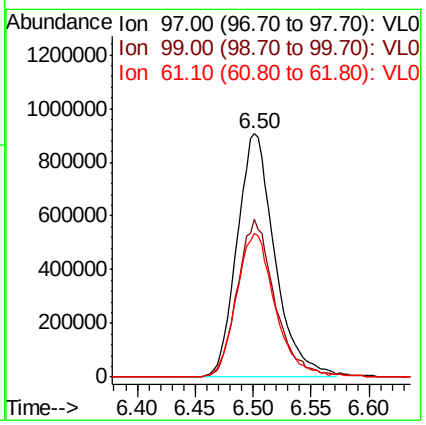


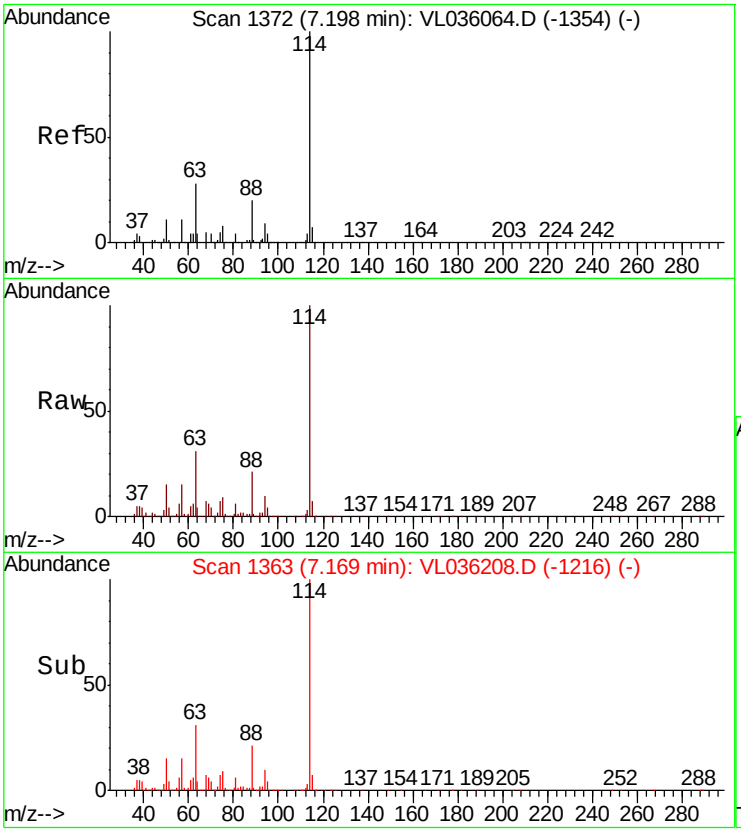


#32
1,1,1-Trichloroethane
Concen: 10.273 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 97 Resp: 2055379

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.4	78.6
61	60.9	43.4	65.0



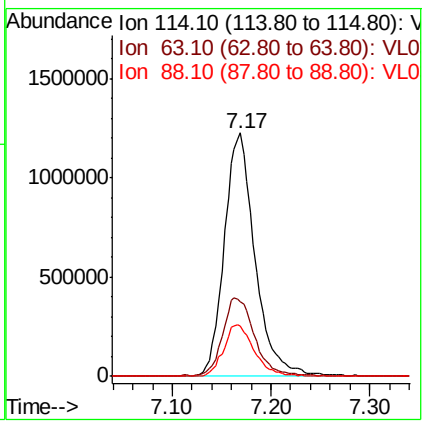


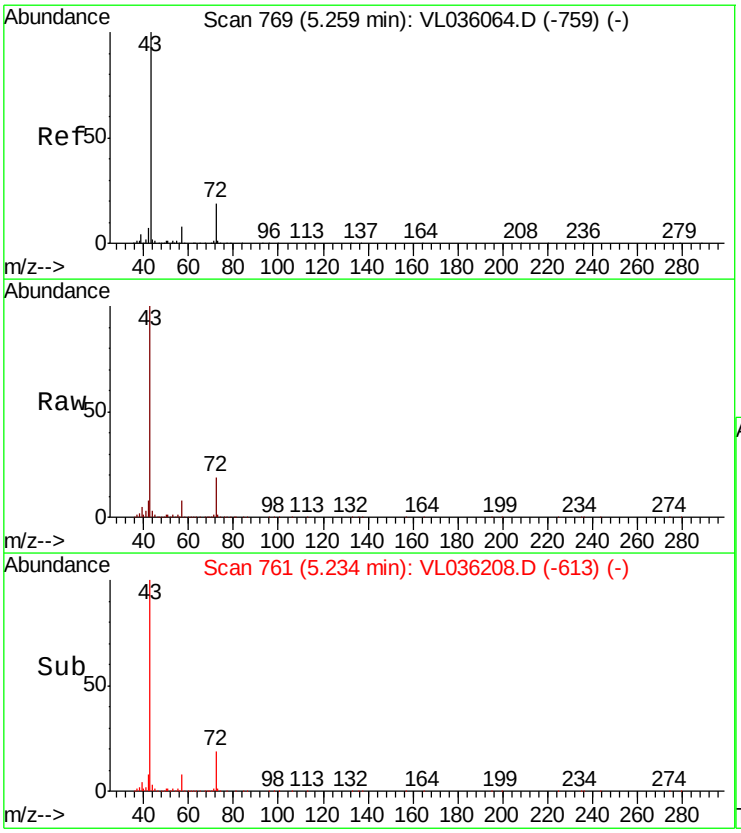
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2669723

Ion	Ratio	Lower	Upper
114	100		
63	34.4	23.6	35.4
88	21.4	15.8	23.6

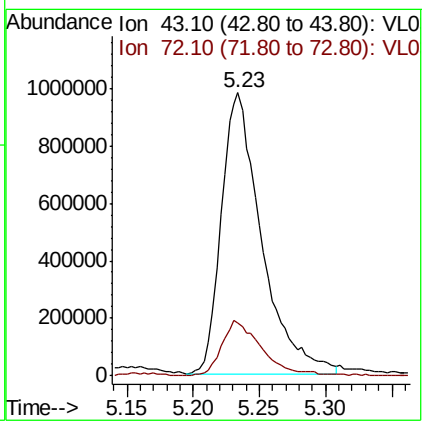


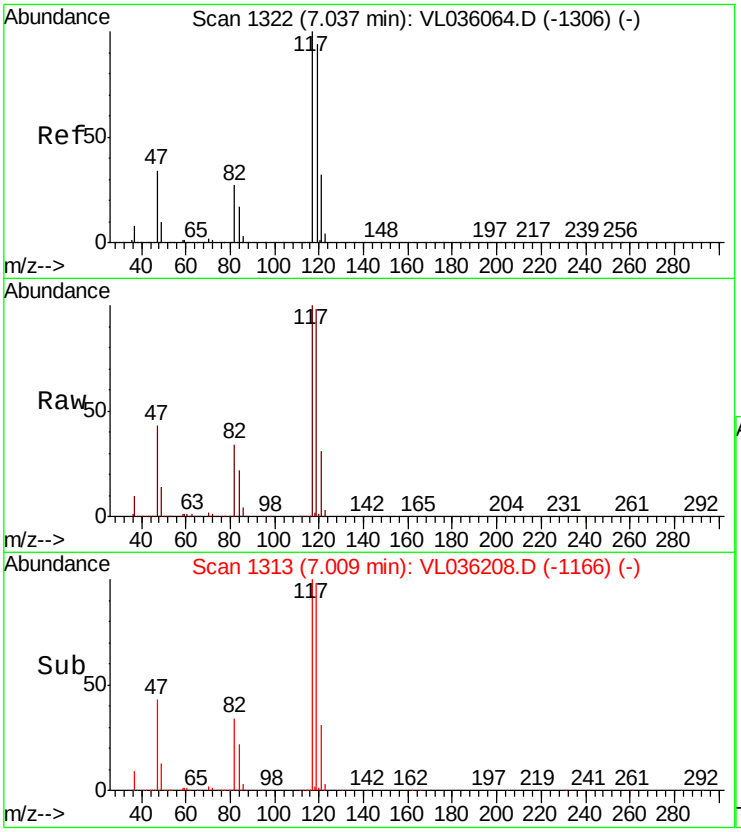


#34
2-Butanone
Concen: 11.597 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 43 Resp: 2053668

Ion	Ratio	Lower	Upper
43	100		
72	20.1	16.5	24.7



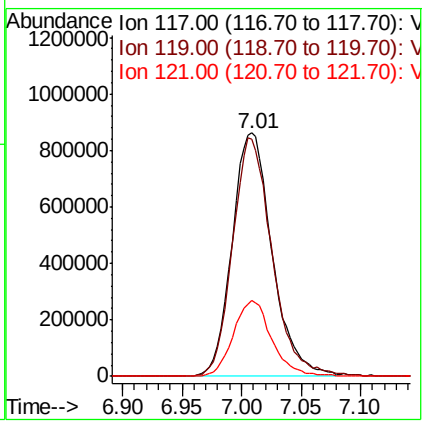


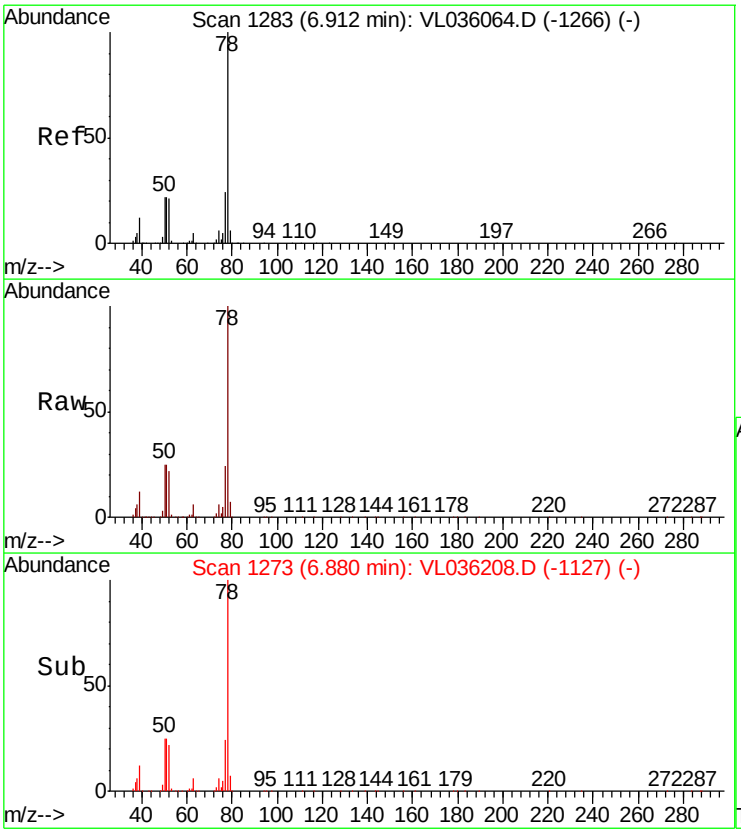
#35
Carbon Tetrachloride
Concen: 12.897 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 2007877

Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.1	112.7
121	31.2	25.6	38.4

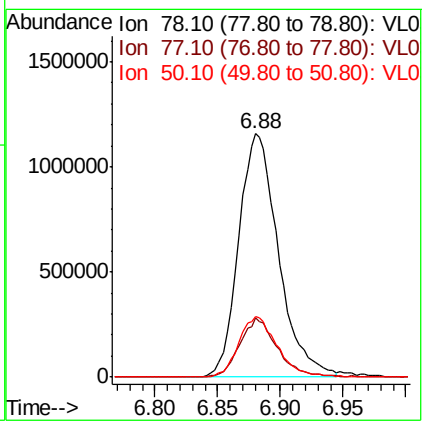


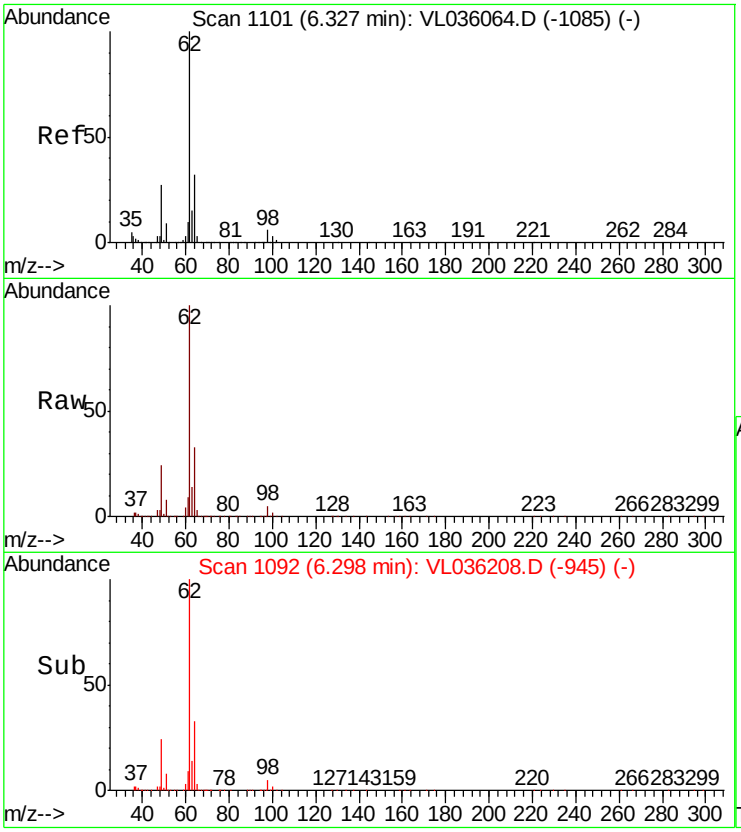


#36
Benzene
Concen: 11.273 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 78 Resp: 2550504

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2
50	24.7	17.8	26.8



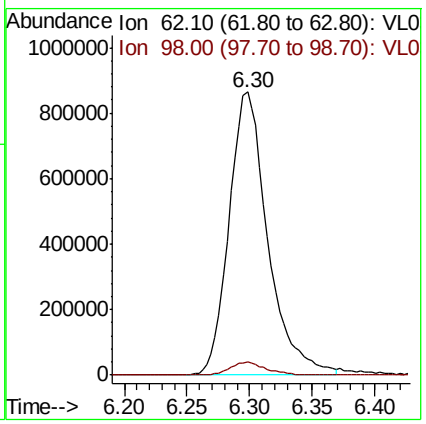


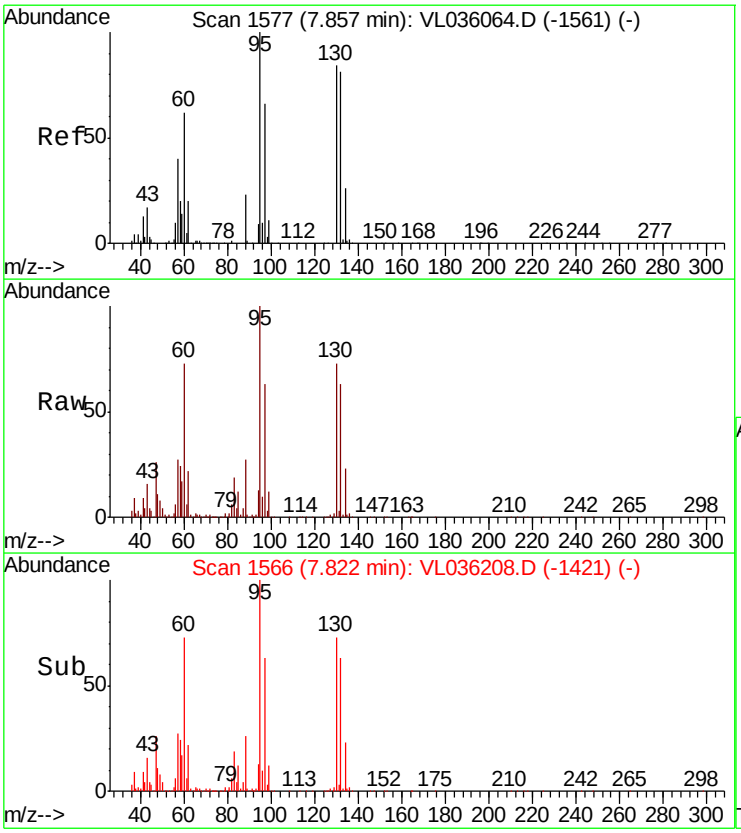
#37
1,2-Dichloroethane
Concen: 14.098 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 1848277

Ion	Ratio	Lower	Upper
62	100		
98	4.4	4.6	7.0#

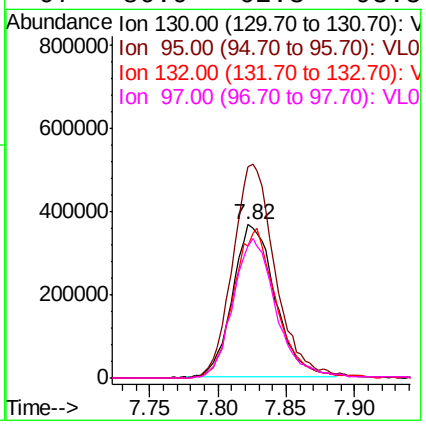


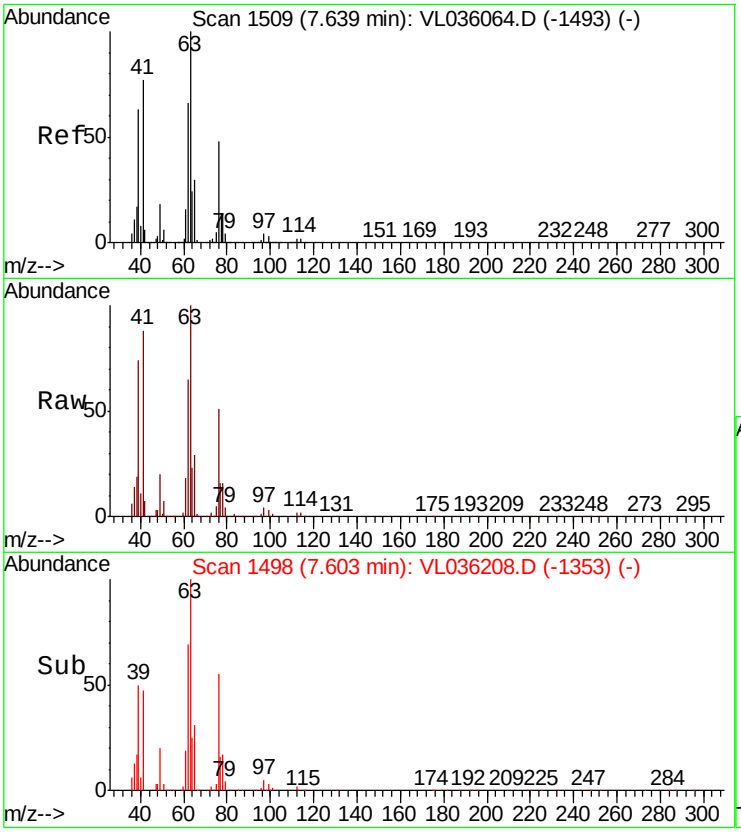


#38
Trichloroethene
Concen: 9.407 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:130 Resp: 795642

Ion	Ratio	Lower	Upper
130	100		
95	138.3	95.2	142.8
132	86.5	76.9	115.3
97	86.9	62.3	93.5



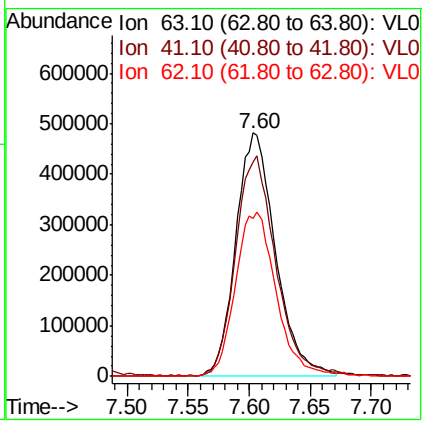


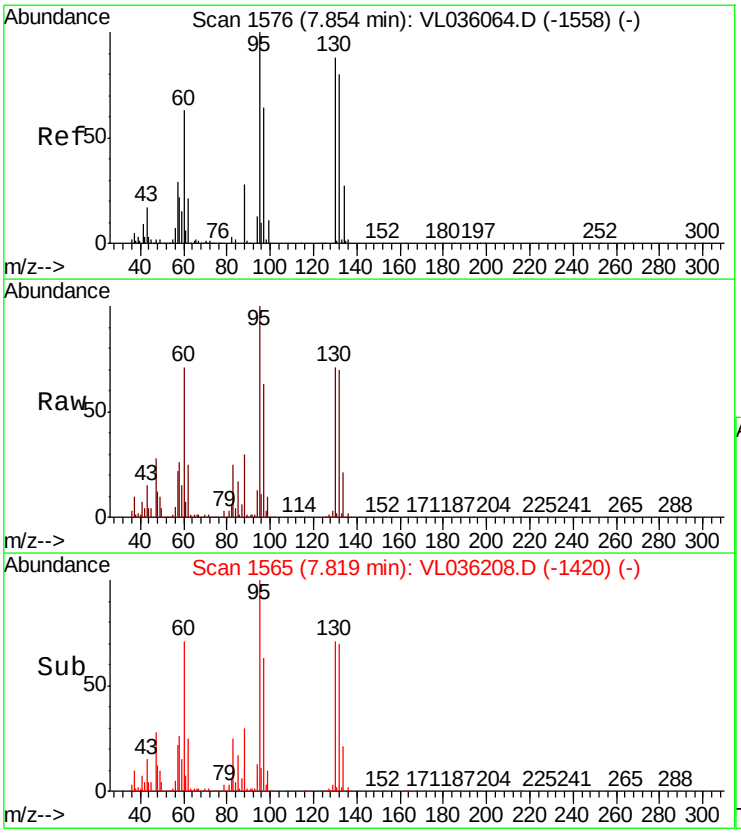
#39
1,2-Dichloropropane
Concen: 12.166 ppbv
RT: 7.60 min Scan# 1498
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 63 Resp: 1087081

Ion	Ratio	Lower	Upper
63	100		
41	87.7	61.9	92.9
62	64.8	52.5	78.7

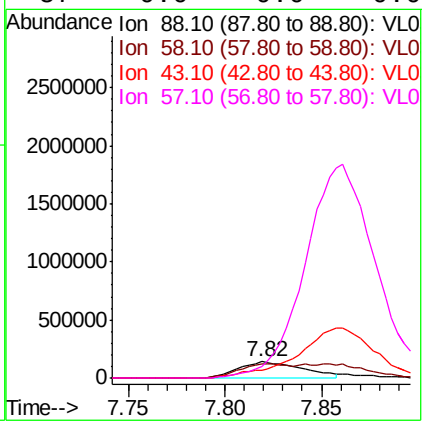


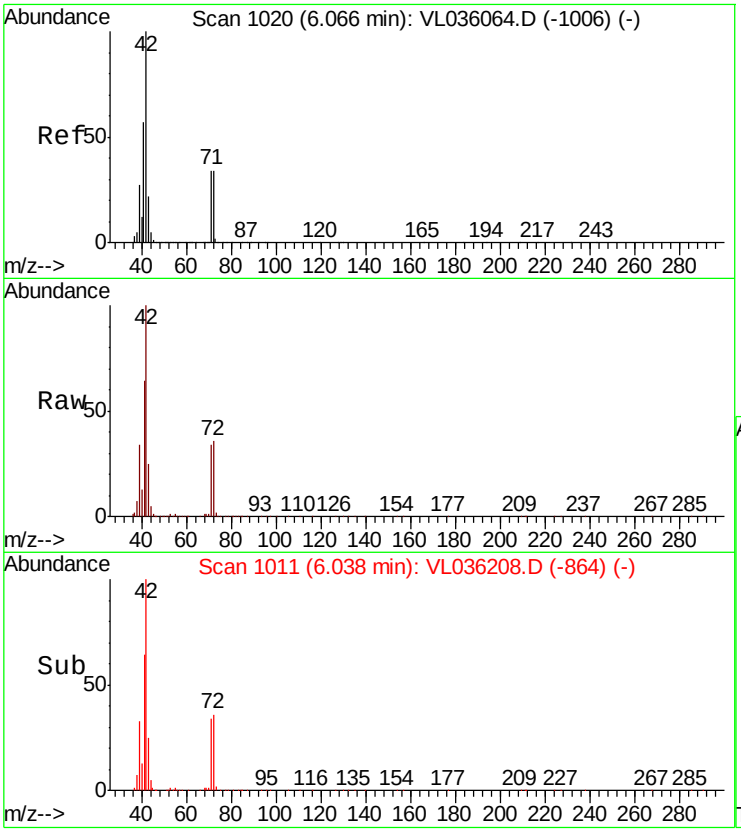


#40
1,4-Dioxane
Concen: 11.464 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 88 Resp: 322168

Ion	Ratio	Lower	Upper
88	100		
58	69.5	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

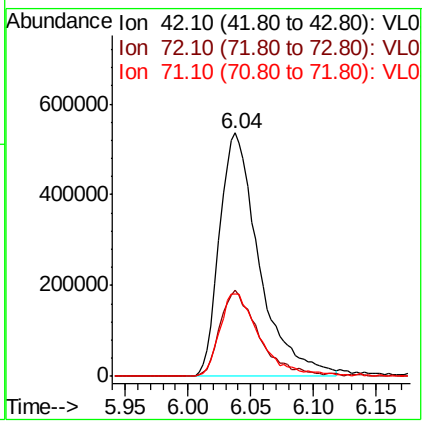




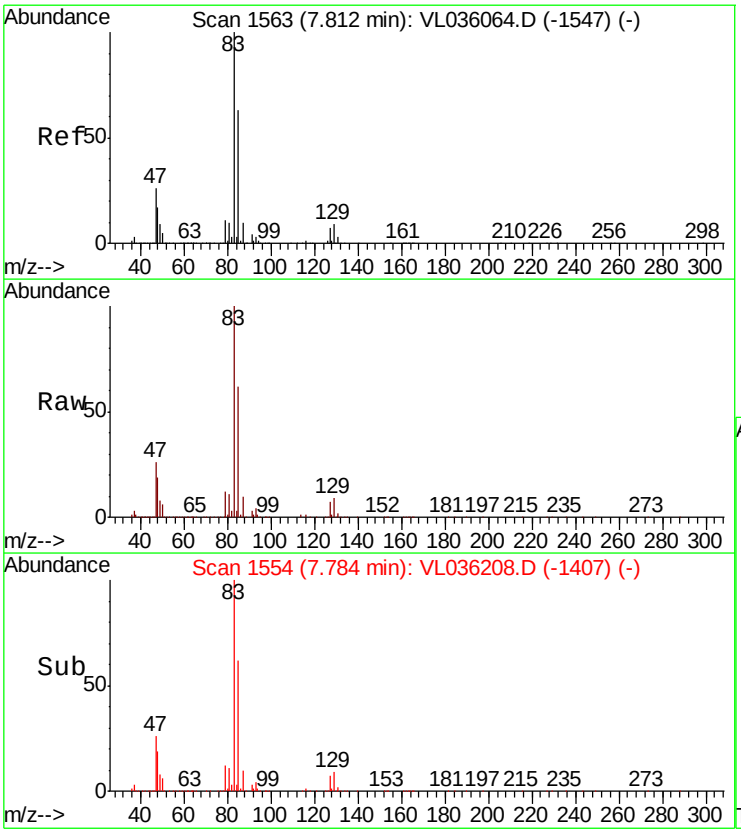
#41
Tetrahydrofuran
Concen: 11.144 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 42 Resp: 1172447

Ion	Ratio	Lower	Upper
42	100		
72	35.3	28.3	42.5
71	35.1	27.3	40.9



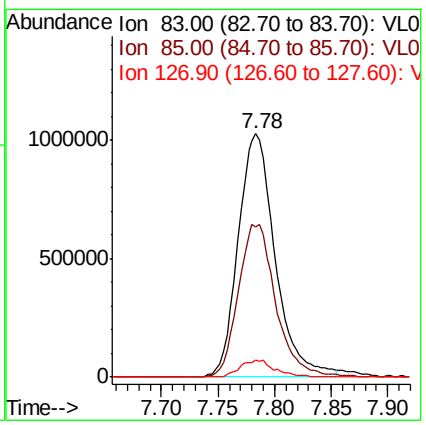
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

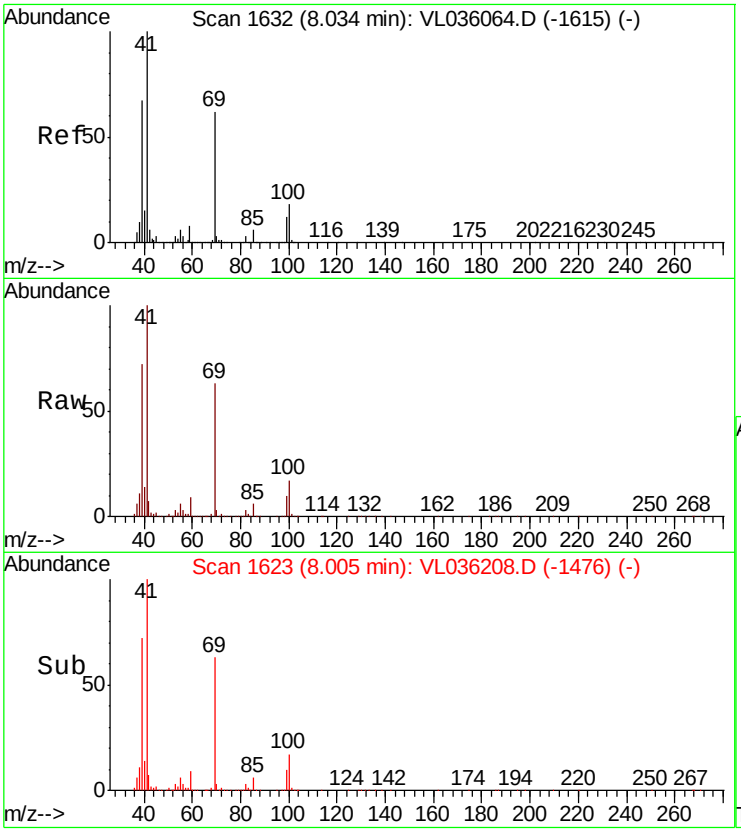


#42
Bromodichloromethane
Concen: 13.414 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 83 Resp: 2343482

Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.2	75.2
127	6.9	5.5	8.3



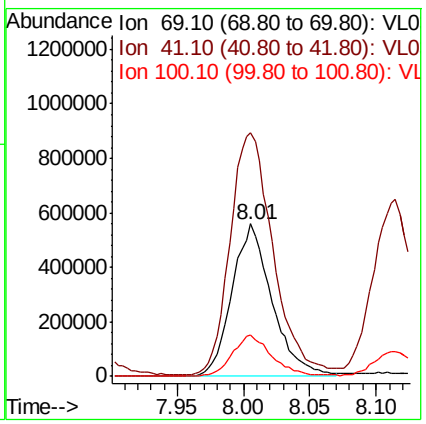


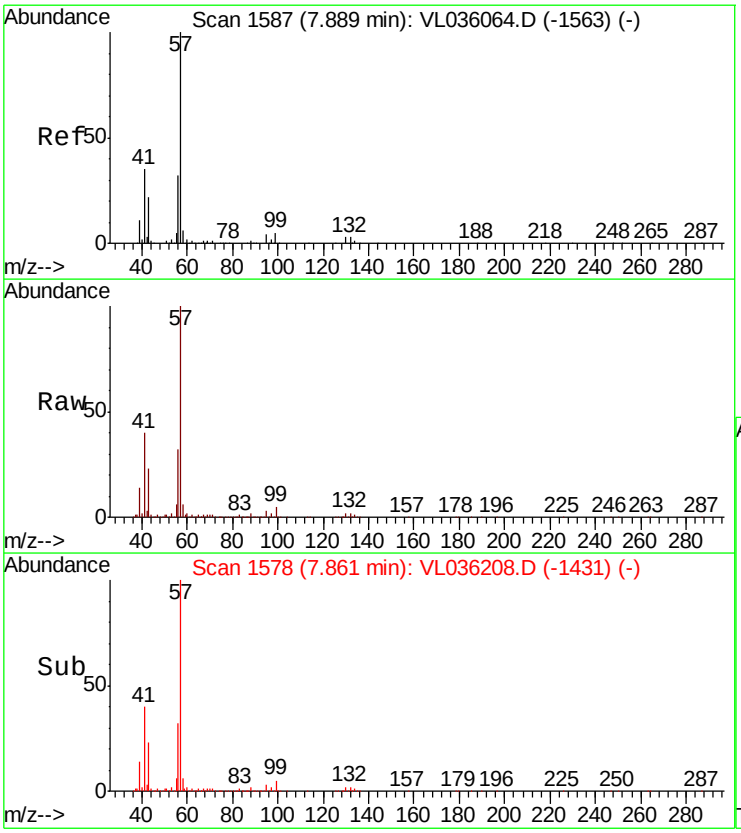
#43
Methyl Methacrylate
Concen: 12.086 ppbv
RT: 8.01 min Scan# 1623
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 69 Resp: 1173143

Ion	Ratio	Lower	Upper
69	100		
41	174.1	133.0	199.6
100	27.1	25.4	38.0

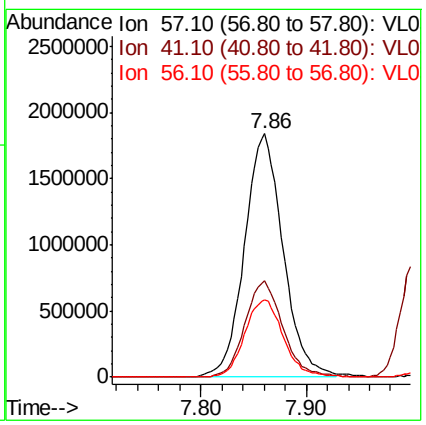


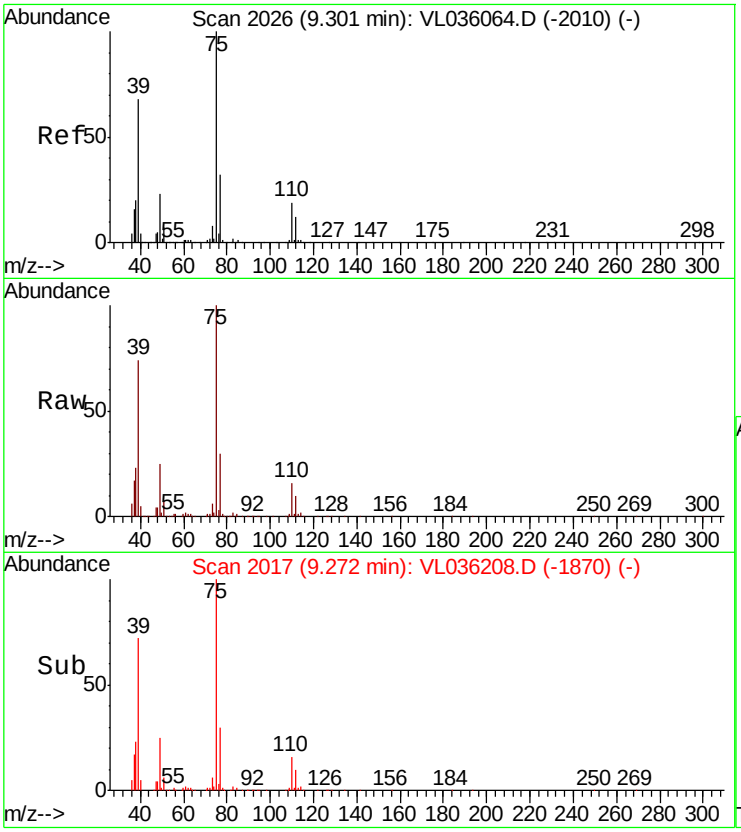


#44
2,2,4-Trimethylpentane
Concen: 11.427 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 57 Resp: 4681999

Ion	Ratio	Lower	Upper
57	100		
41	38.9	28.9	43.3
56	31.9	25.3	37.9



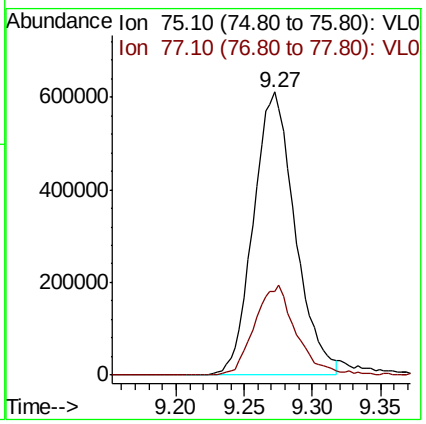


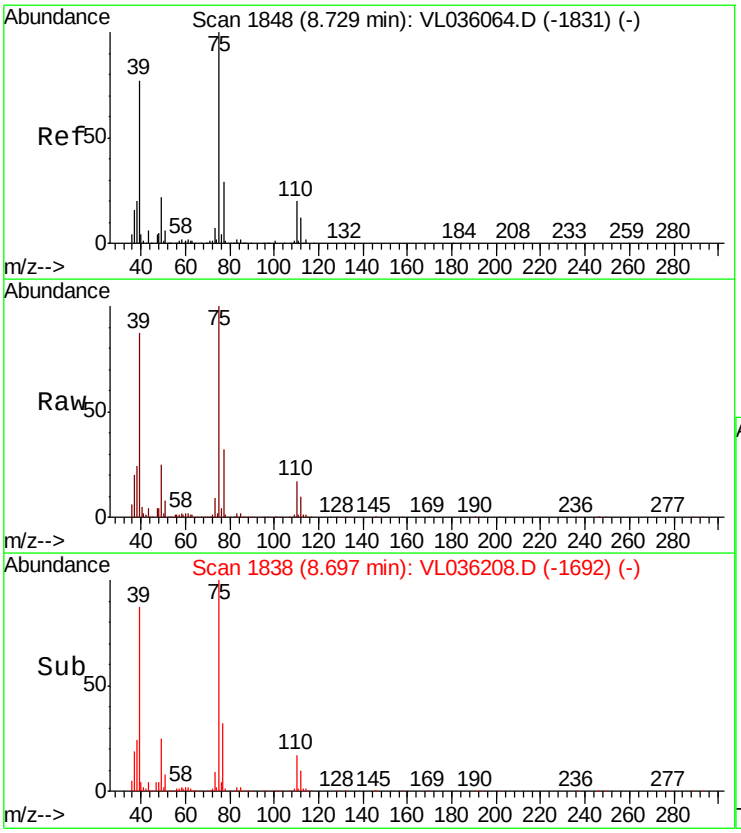
#45
t-1,3-Dichloropropene
Concen: 12.988 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1295169

Ion	Ratio	Lower	Upper
75	100		
77	29.5	26.0	39.0

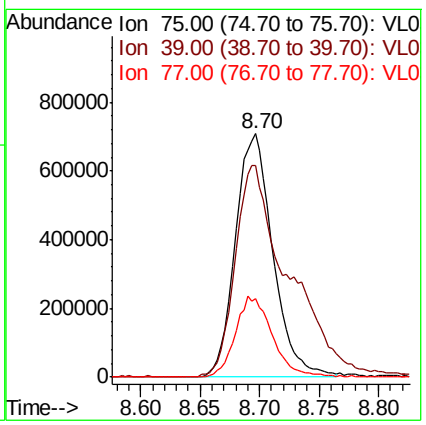


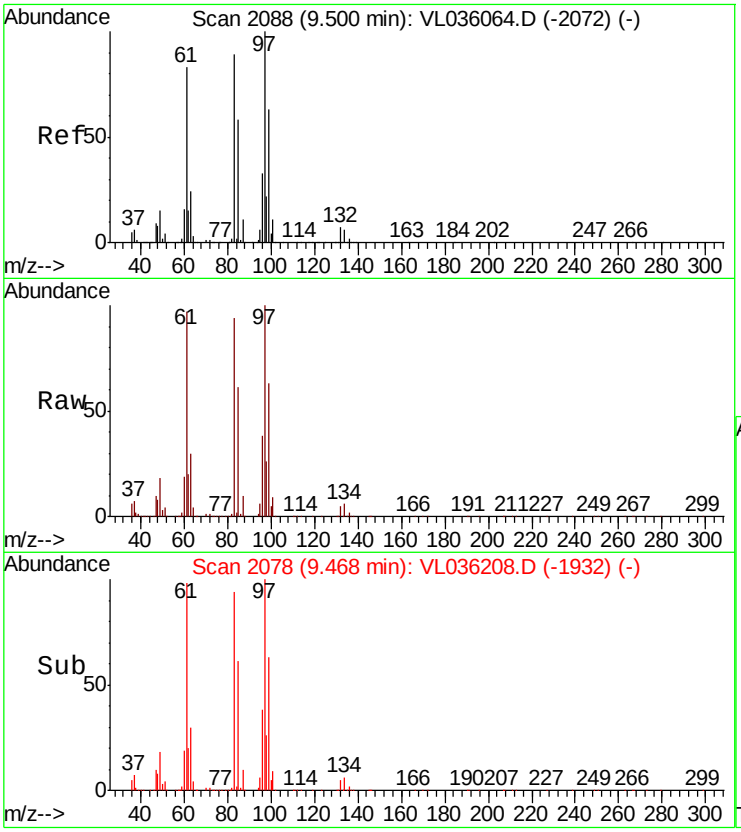


#46
cis-1,3-Dichloropropene
Concen: 12.404 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 75 Resp: 1550302

Ion	Ratio	Lower	Upper
75	100		
39	86.7	61.6	92.4
77	32.4	23.0	34.6



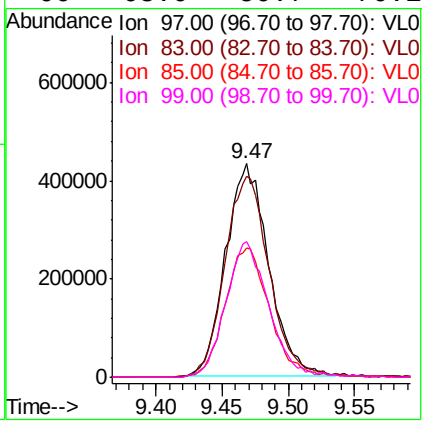


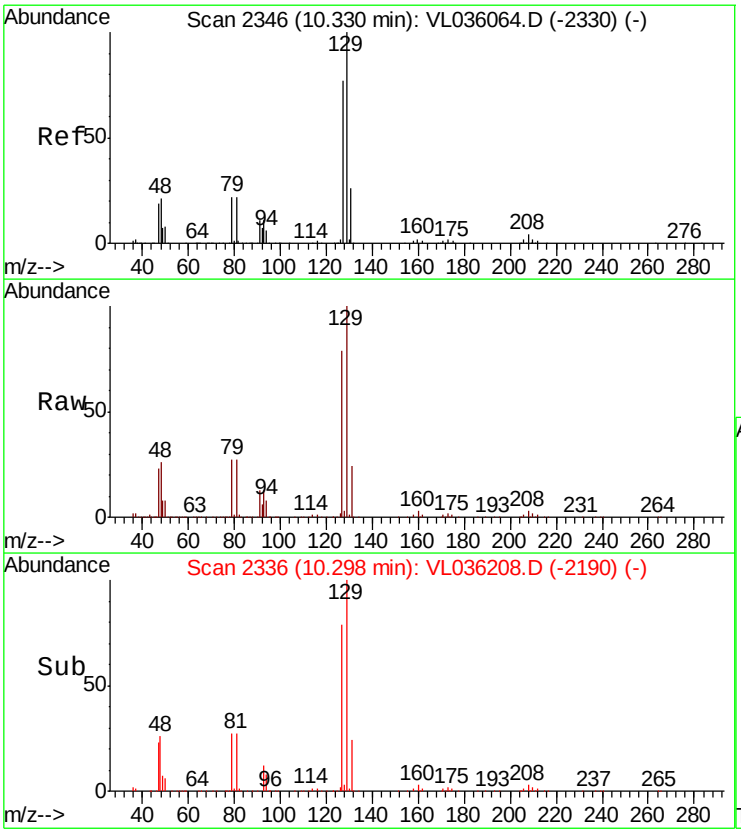
#47
1,1,2-Trichloroethane
Concen: 11.446 ppbv
RT: 9.47 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 97 Resp: 983906

Ion	Ratio	Lower	Upper
97	100		
83	94.1	71.4	107.2
85	60.5	46.6	70.0
99	63.0	50.7	76.1

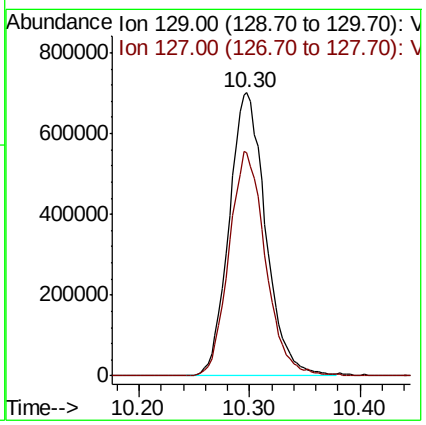


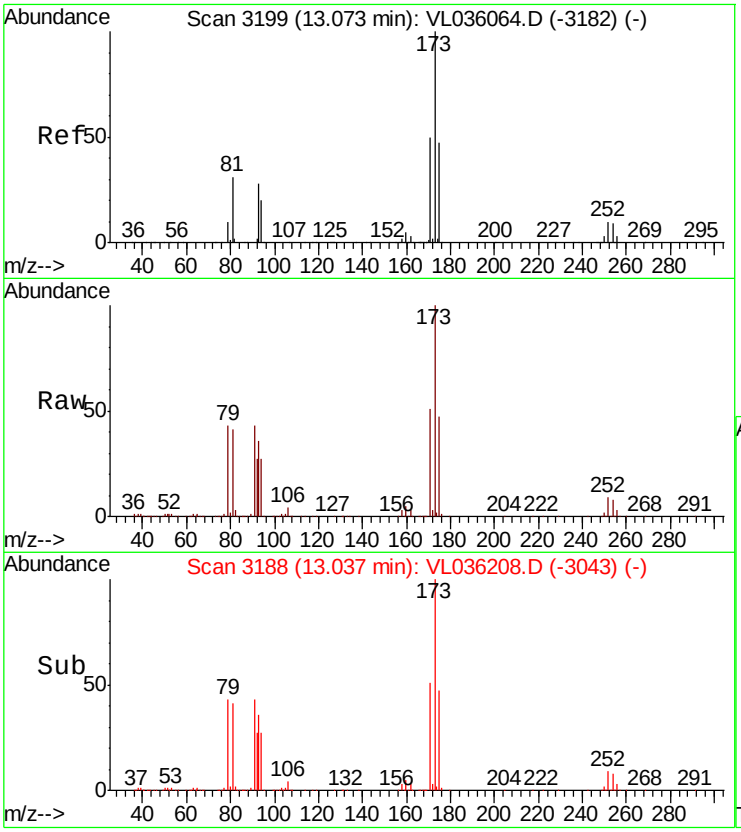


#48
Dibromochloromethane
Concen: 12.434 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:129 Resp: 1614085

Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.0	117.0



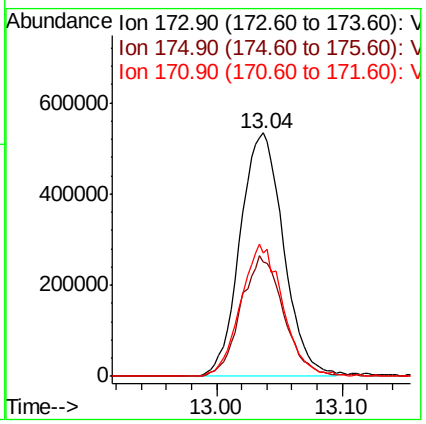


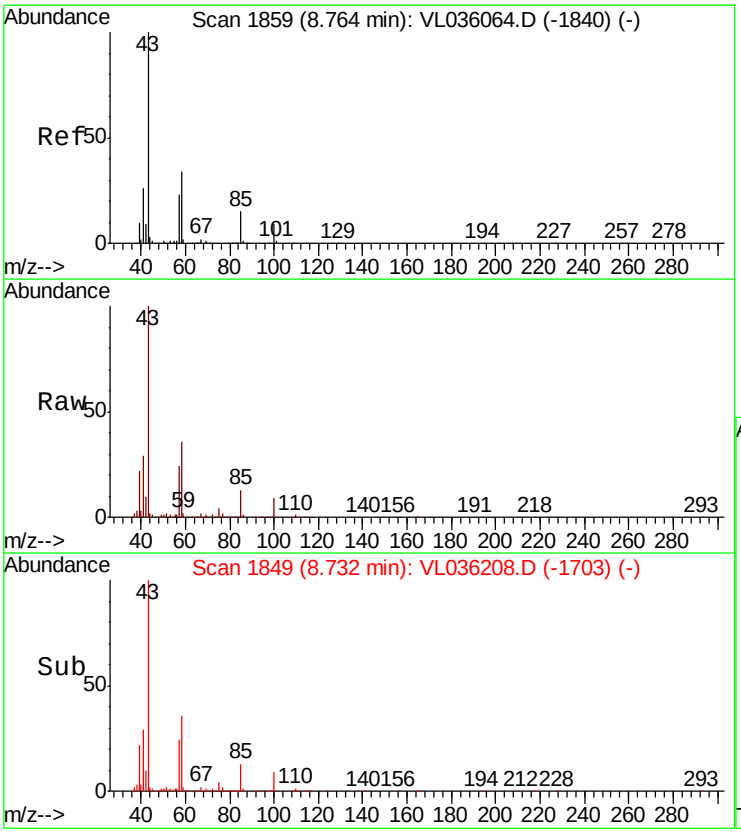
#49
Bromoform
Concen: 12.581 ppbv
RT: 13.04 min Scan# 3188
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:173 Resp: 1285454

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.8	59.6
171	53.5	42.5	63.7

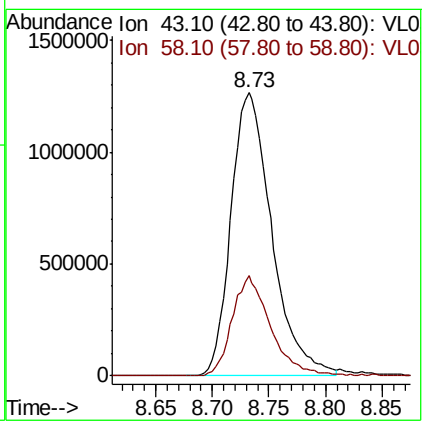


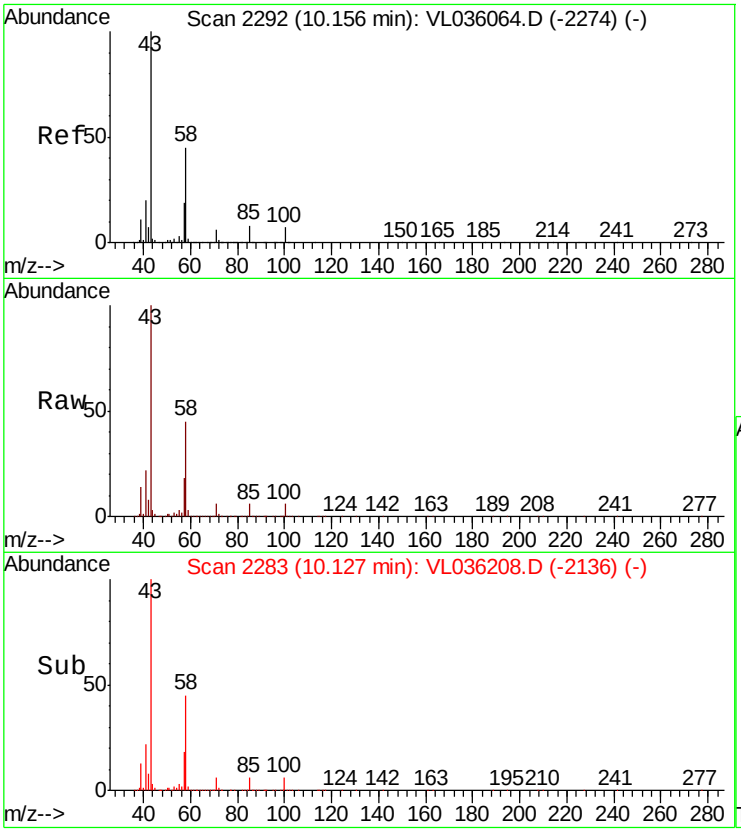


#50
4-Methyl-2-Pentanone
Concen: 12.025 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 43 Resp: 3175933

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.4	41.2



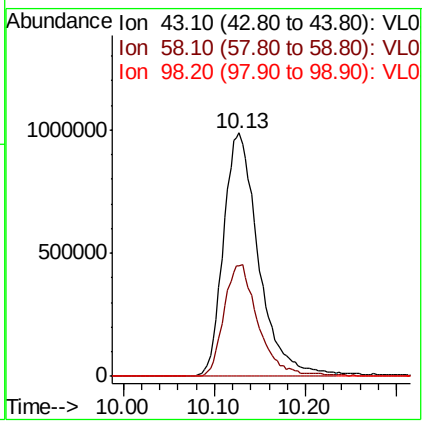


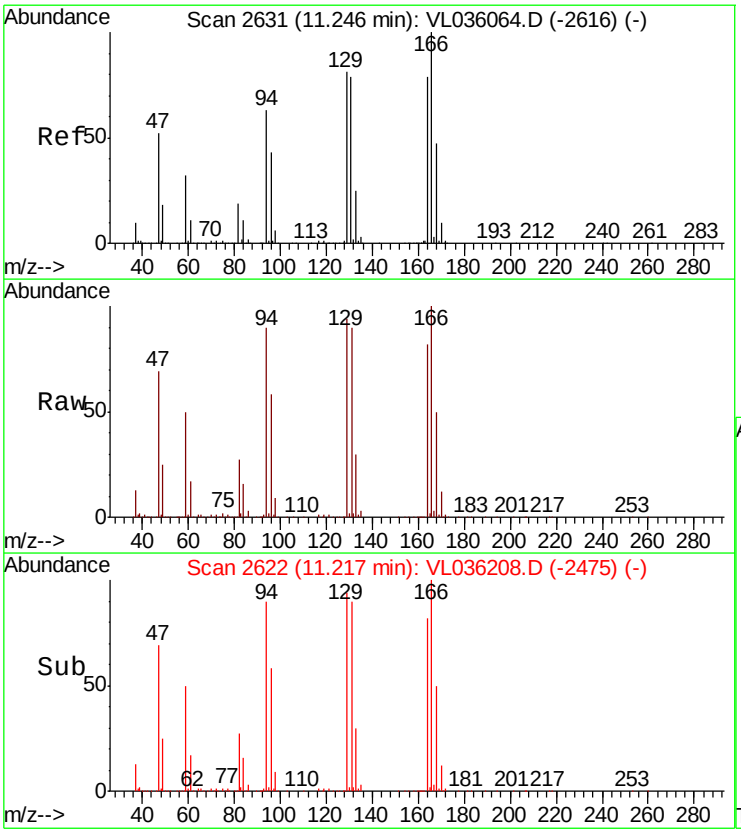
#51
2-Hexanone
Concen: 12.824 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2647460

Ion	Ratio	Lower	Upper
43	100		
58	44.9	38.7	58.1
98	0.3	0.1	0.1#

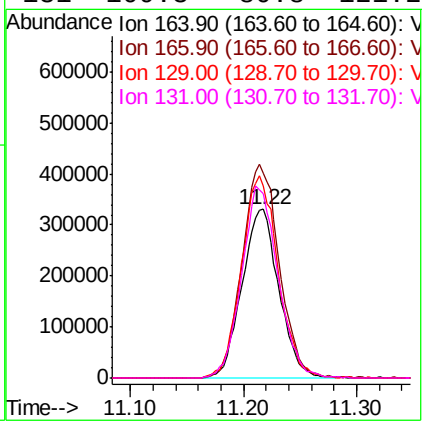


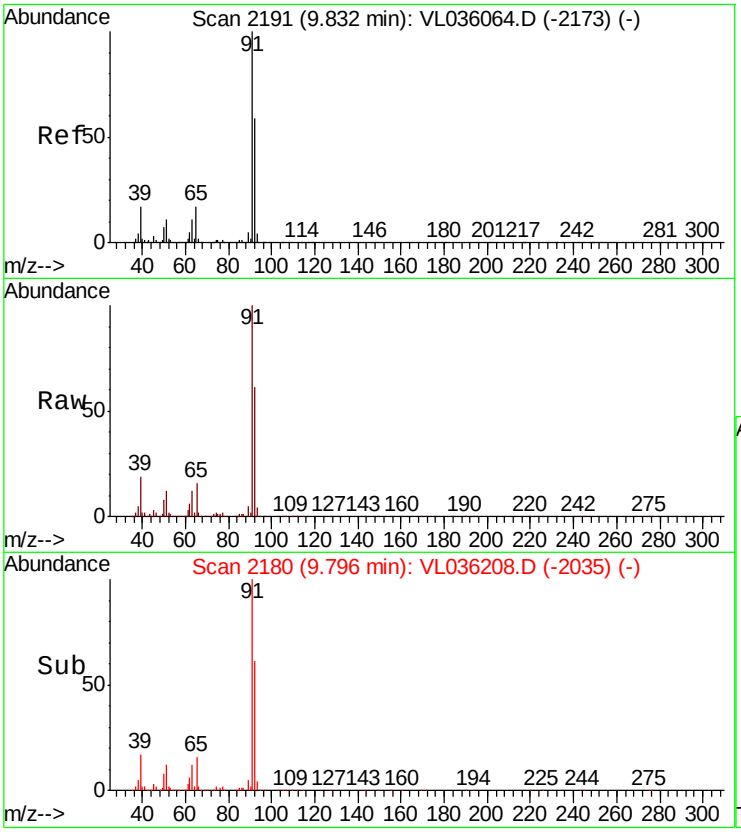


#52
Tetrachloroethene
Concen: 9.128 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:164 Resp: 747603

Ion	Ratio	Lower	Upper
164	100		
166	121.9	101.9	152.9
129	114.3	82.1	123.1
131	109.3	80.8	121.2



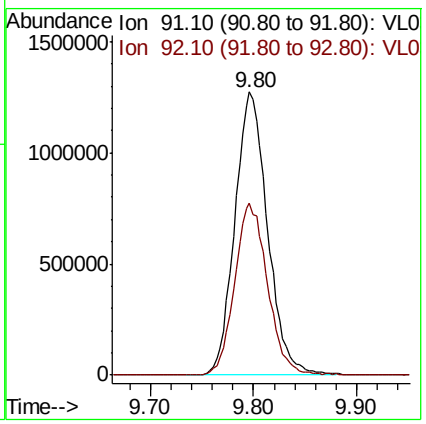


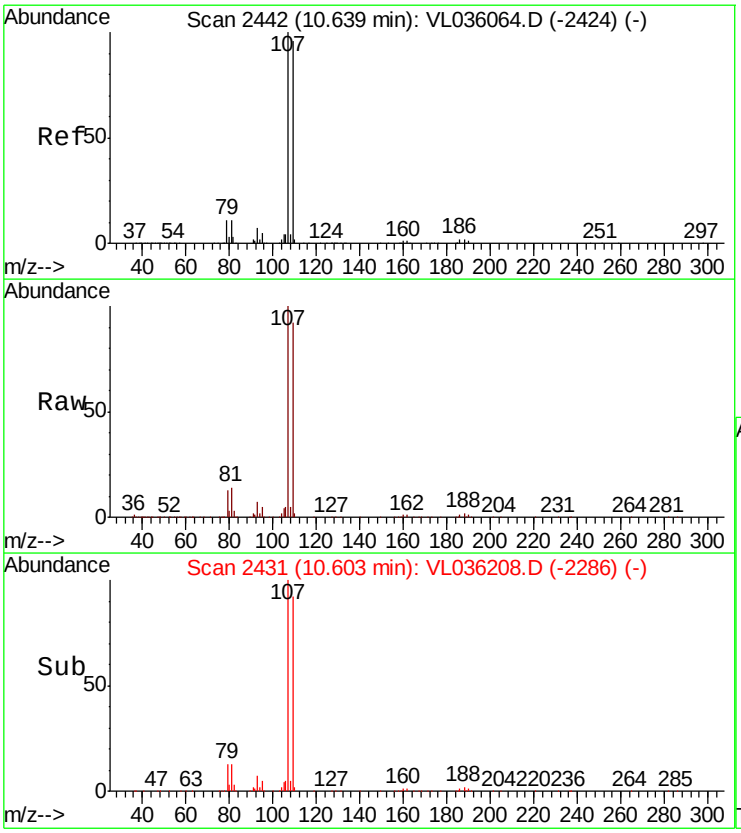
#53
Toluene
Concen: 11.047 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2806665

Ion	Ratio	Lower	Upper
91	100		
92	61.3	48.2	72.2

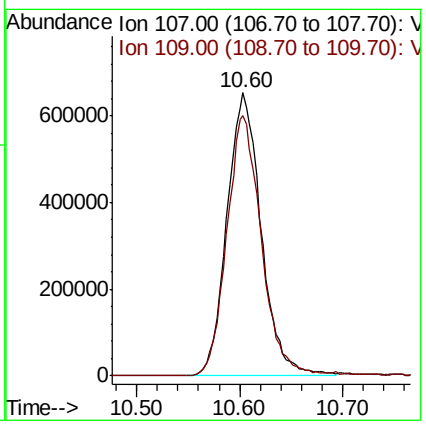


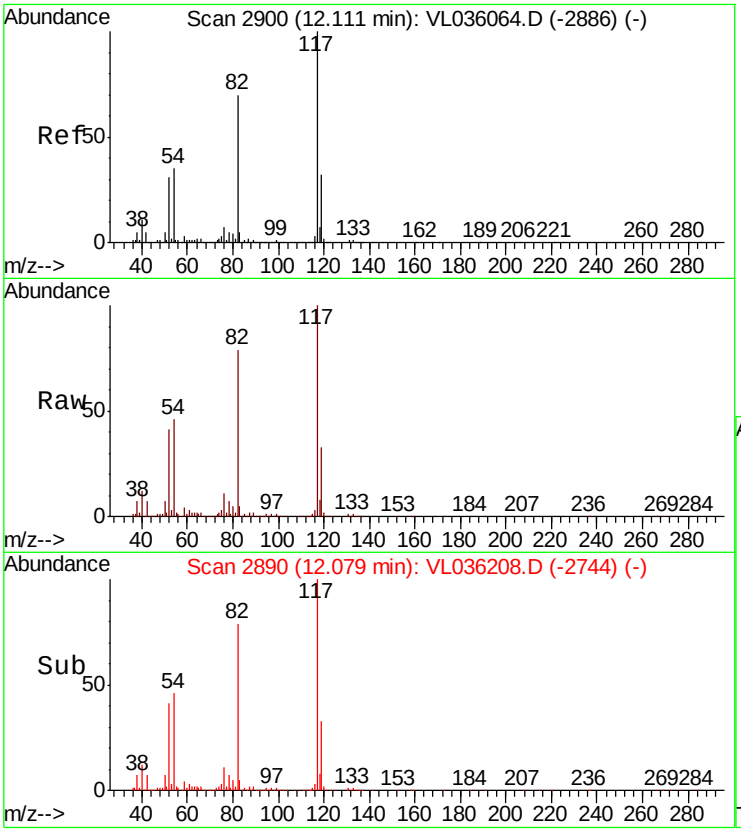


#54
1,2-Dibromoethane
Concen: 11.690 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:107 Resp: 1506353

Ion	Ratio	Lower	Upper
107	100		
109	92.1	76.6	115.0



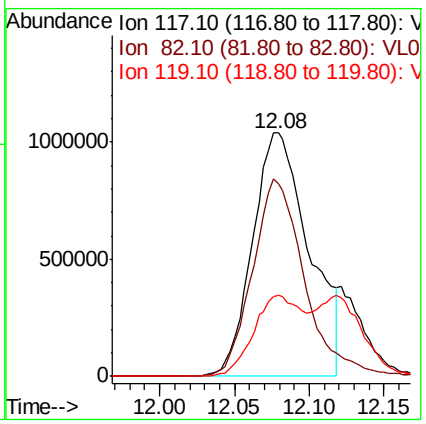


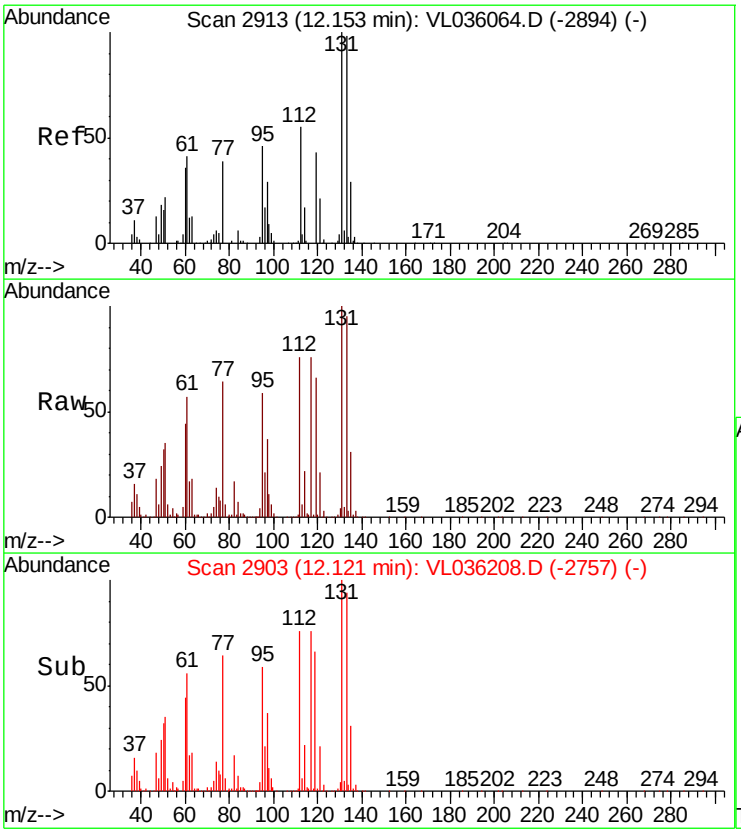
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 2728438

Ion	Ratio	Lower	Upper
117	100		
82	74.8	0.0	0.0#
119	26.4	0.0	0.0#

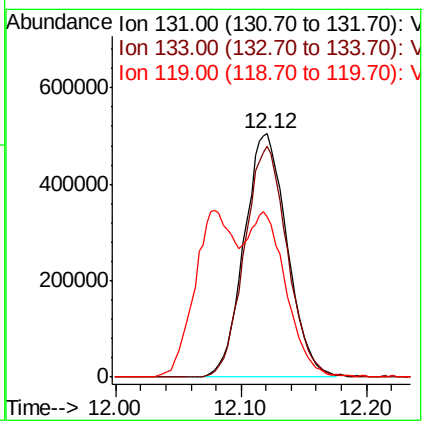


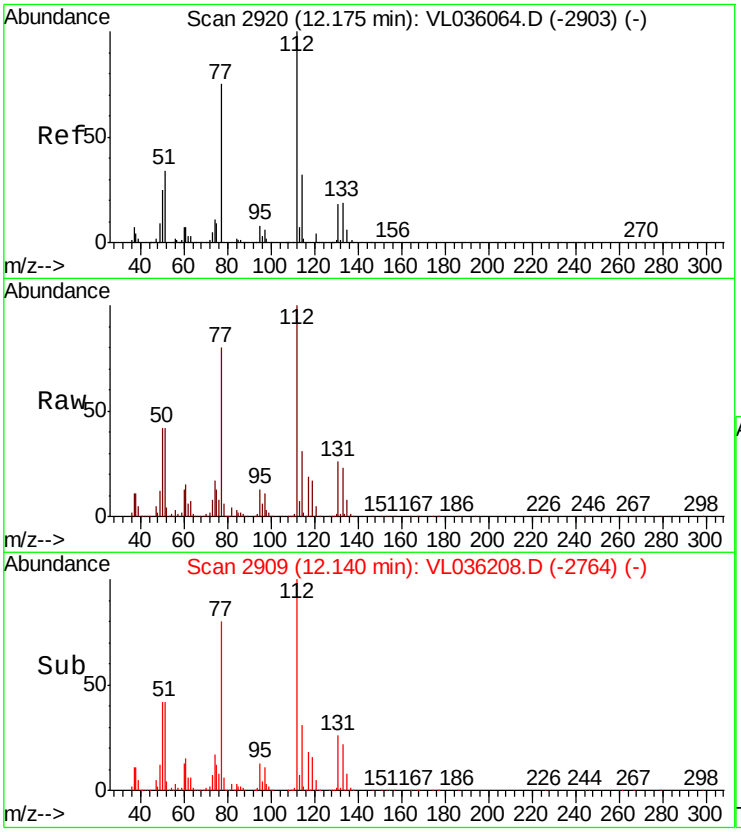


#56
1,1,1,2-Tetrachloroethane
Concen: 10.632 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:131 Resp: 1202837

Ion	Ratio	Lower	Upper
131	100		
133	94.6	77.7	116.5
119	67.4	51.6	77.4



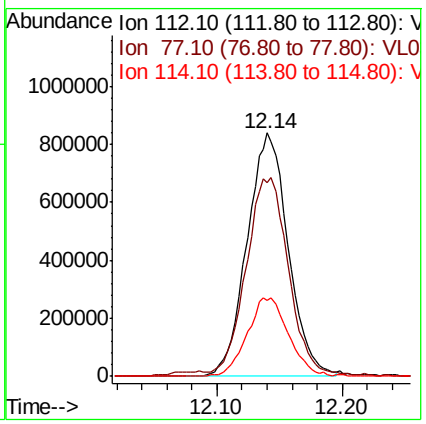


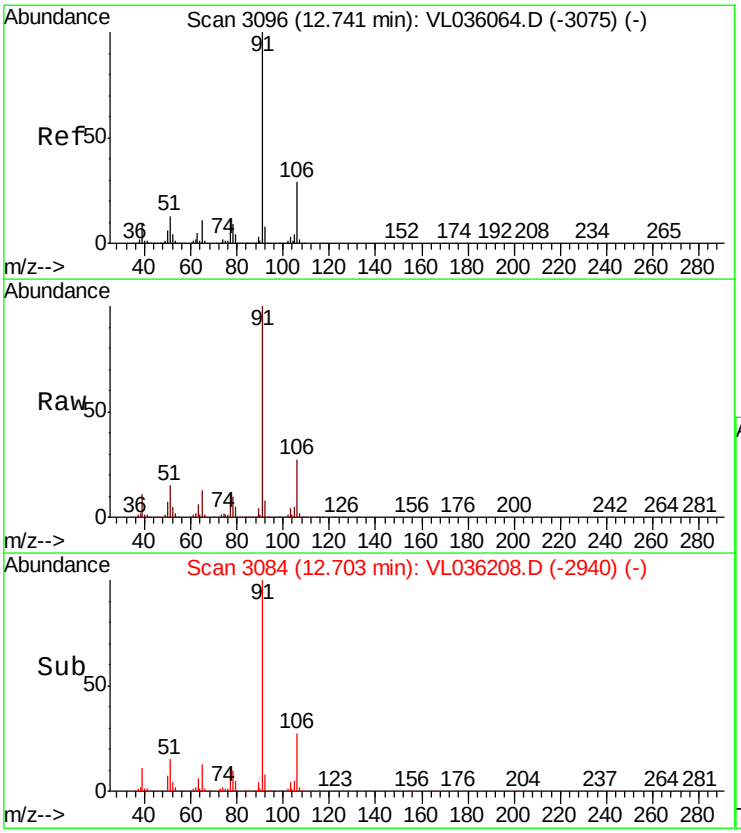
#57
Chlorobenzene
Concen: 9.979 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:112 Resp: 1911399

Ion	Ratio	Lower	Upper
112	100		
77	78.0	60.5	90.7
114	30.8	29.2	35.6

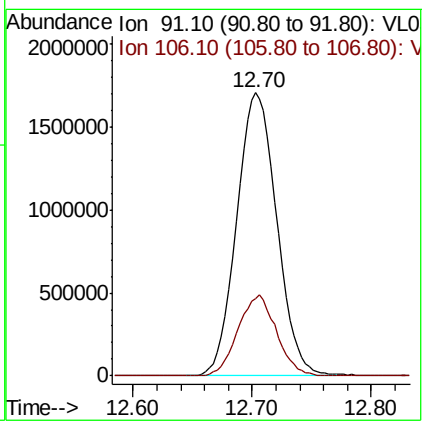


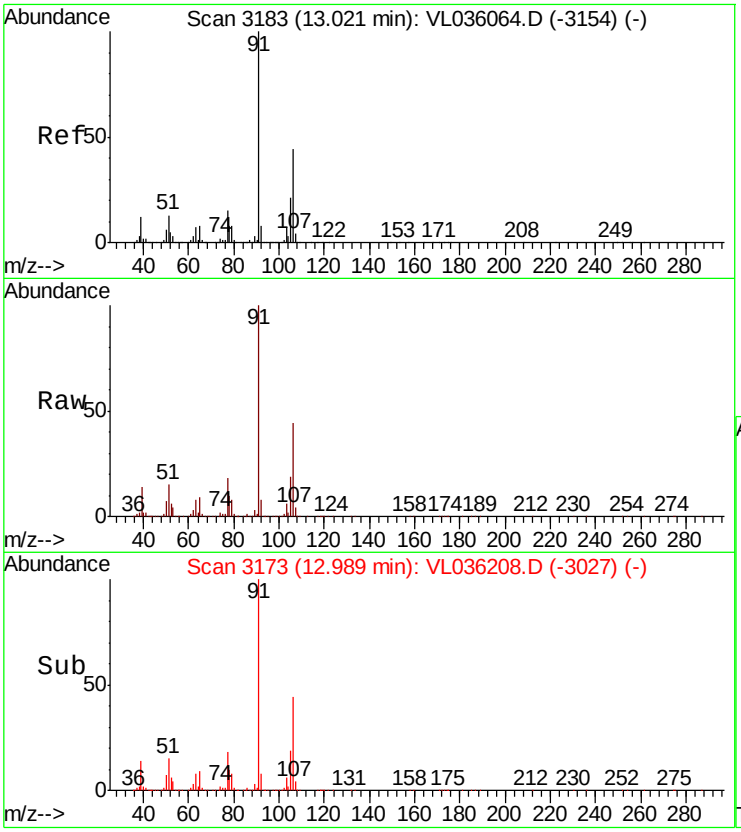


#58
Ethyl Benzene
Concen: 10.631 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 91 Resp: 3975263

Ion	Ratio	Lower	Upper
91	100		
106	27.3	23.0	34.4



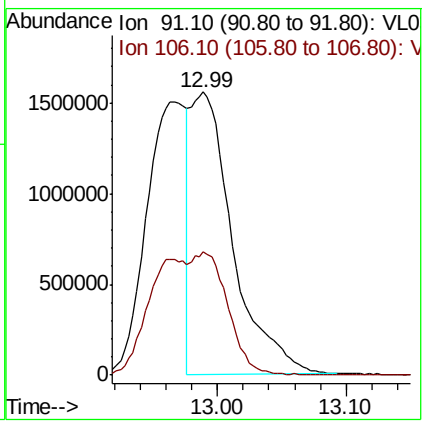


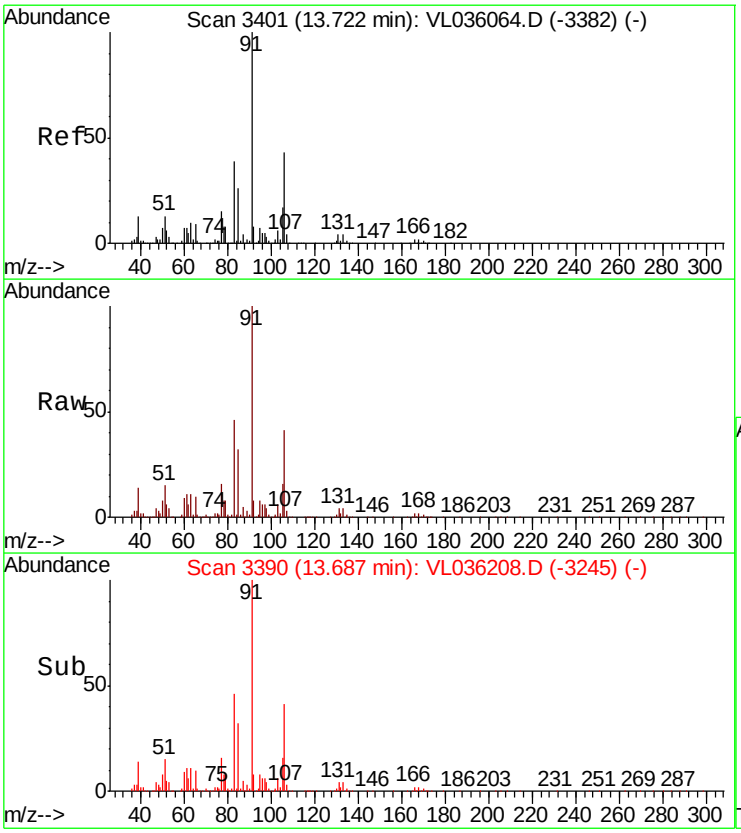
#59
m/p-Xylene
Concen: 11.111 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3499352

Ion	Ratio	Lower	Upper
91	100		
106	77.0	33.6	50.4#

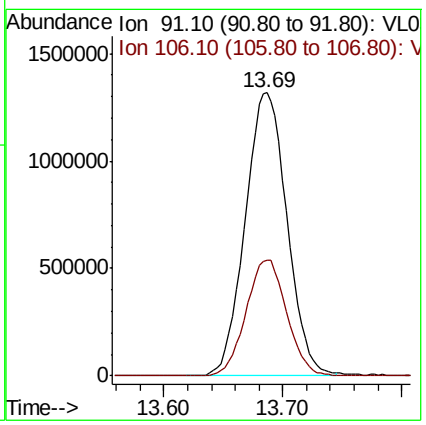


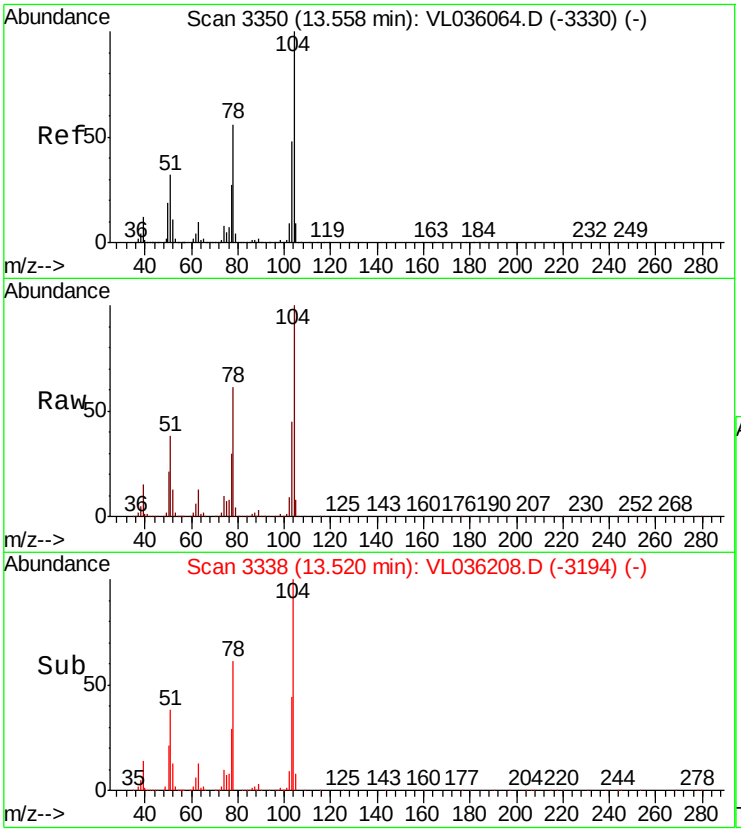


#60
o-Xylene
Concen: 10.783 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 91 Resp: 3199666

Ion	Ratio	Lower	Upper
91	100		
106	40.1	21.6	64.6



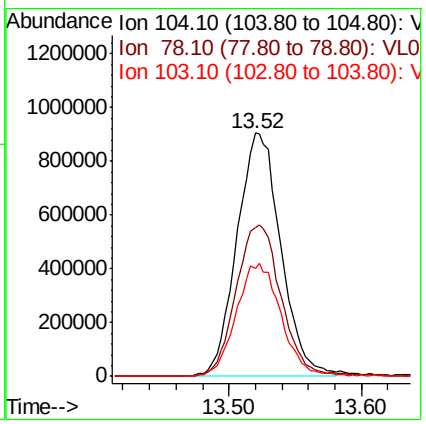


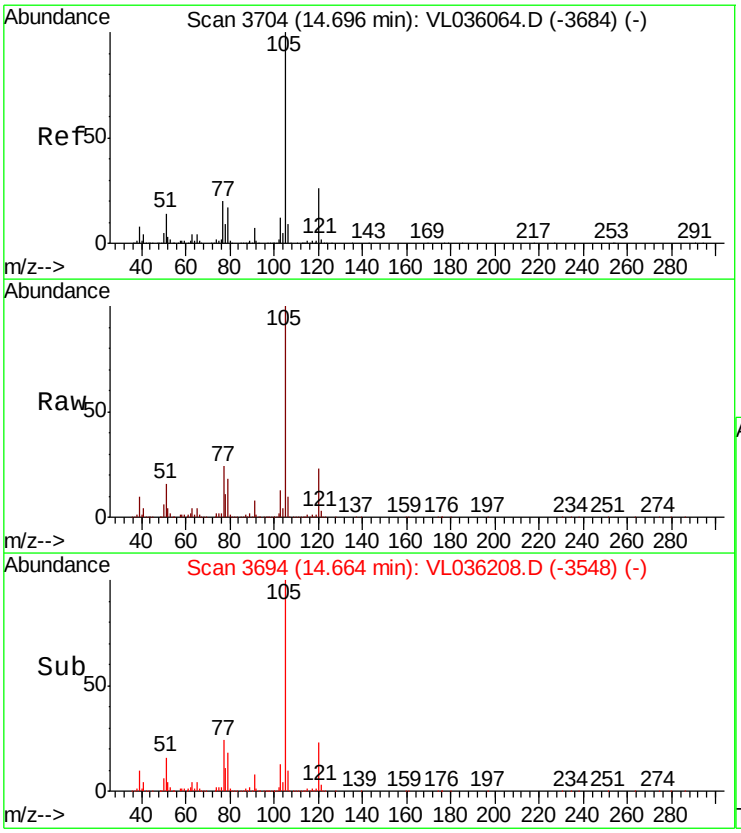
#61
Stvrene
Concen: 10.906 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 2077563

Ion	Ratio	Lower	Upper
104	100		
78	64.3	45.8	68.8
103	47.7	38.6	57.8

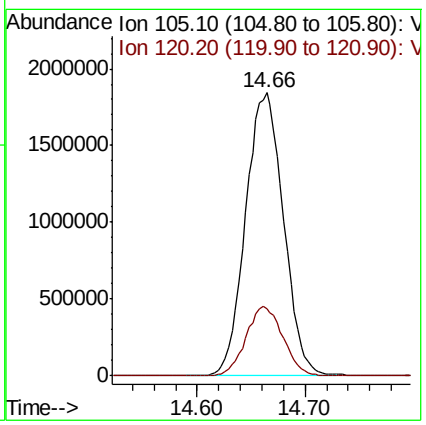


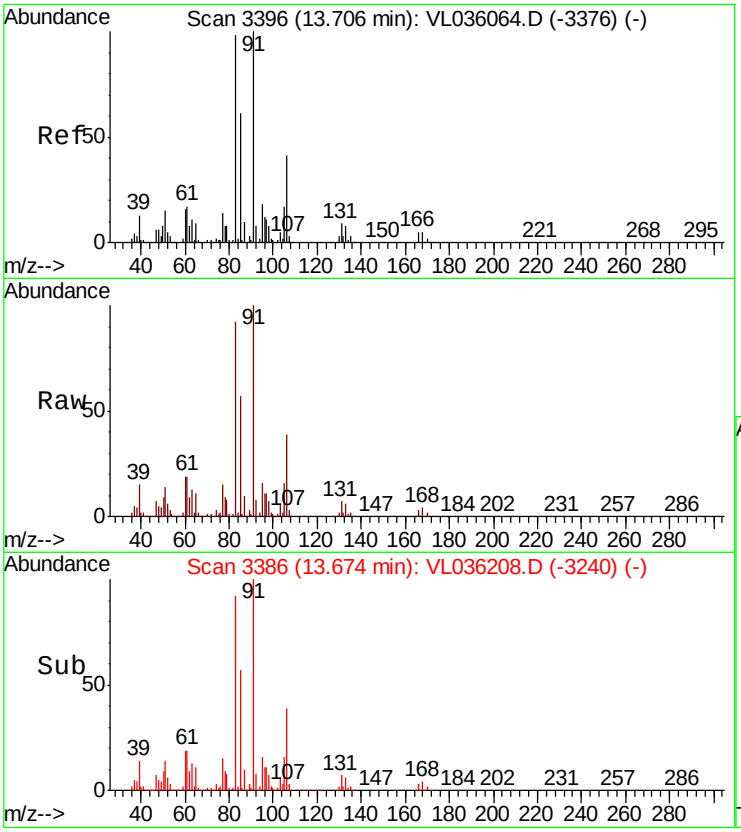


#62
Isopropylbenzene
Concen: 10.232 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:105 Resp: 4500400

Ion	Ratio	Lower	Upper
105	100		
120	23.9	20.1	30.1



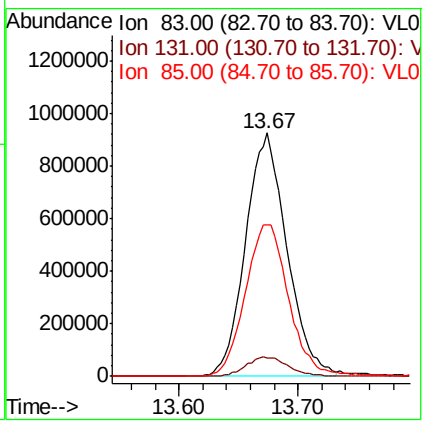


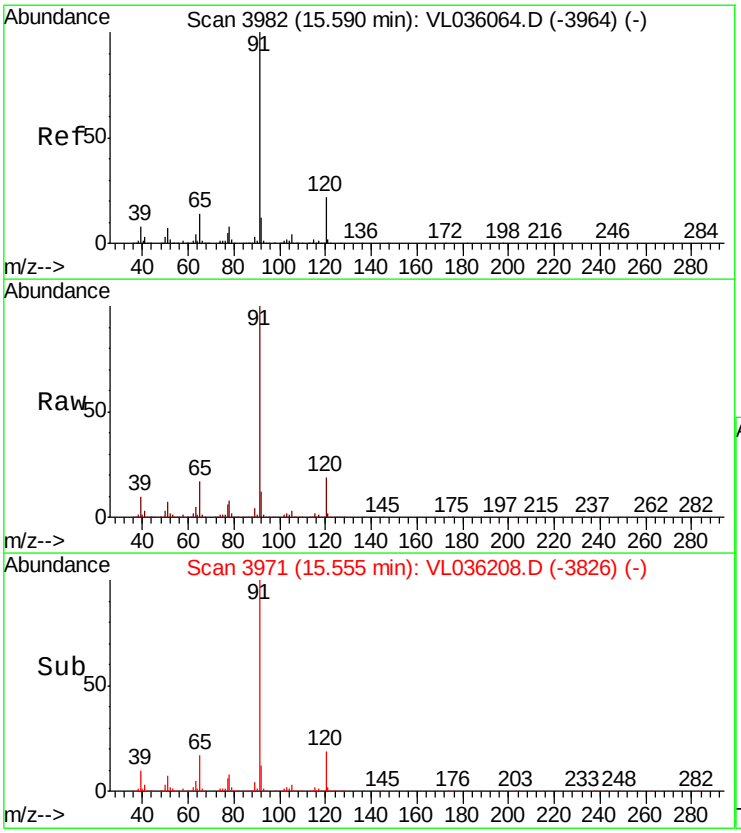
#63
1,1,2,2-Tetrachloroethane
Concen: 11.141 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2226345

Ion	Ratio	Lower	Upper
83	100		
131	8.2	4.6	13.8
85	65.8	32.5	97.5

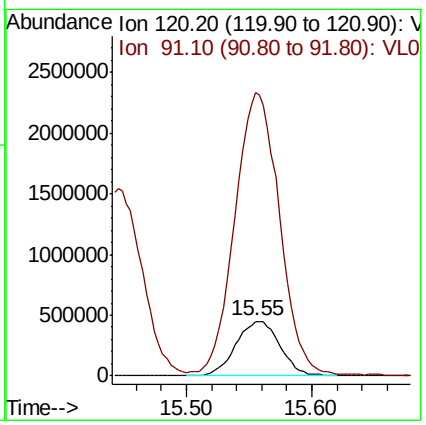


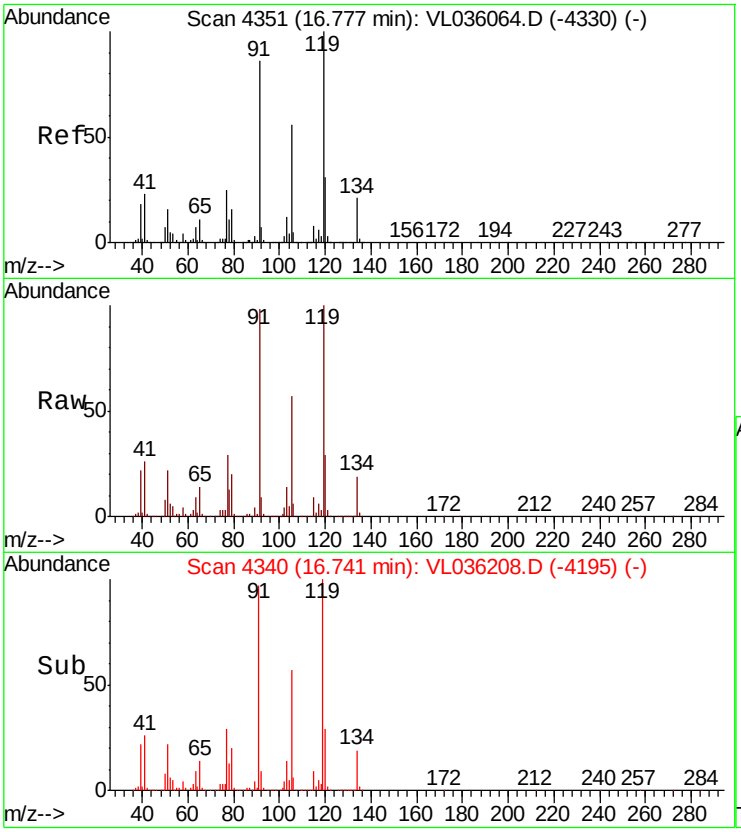


#64
n-propylbenzene
Concen: 10.351 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:120 Resp: 1095295

Ion	Ratio	Lower	Upper
120	100		
91	529.7	388.9	583.3



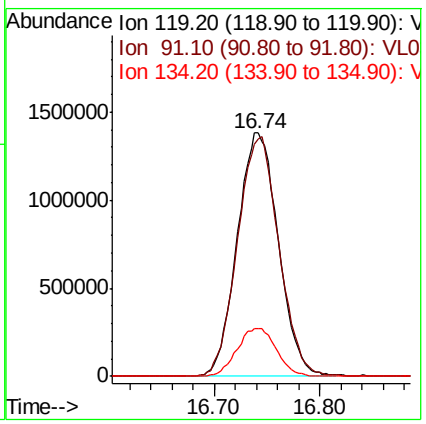


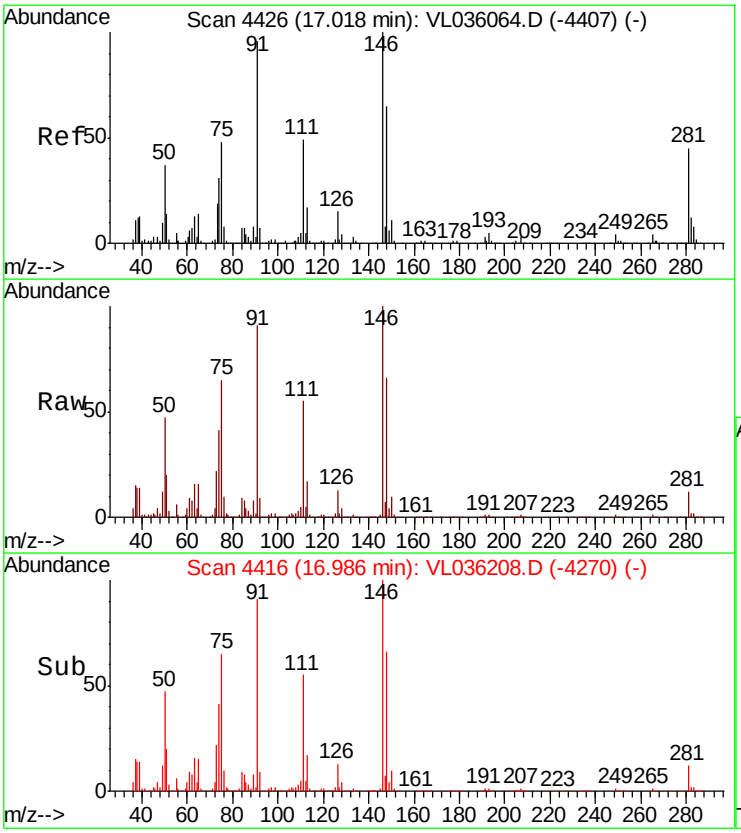
#65
tert-Butylbenzene
Concen: 10.397 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 3742973

Ion	Ratio	Lower	Upper
119	100		
91	99.6	70.2	105.2
134	18.9	15.8	23.6

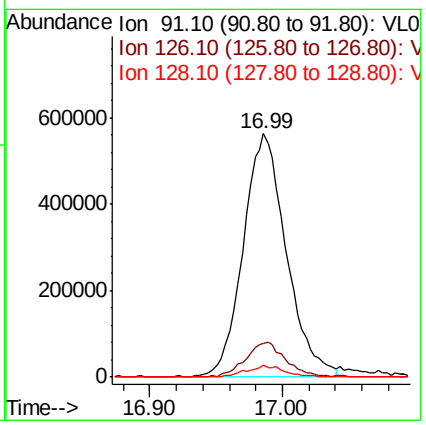


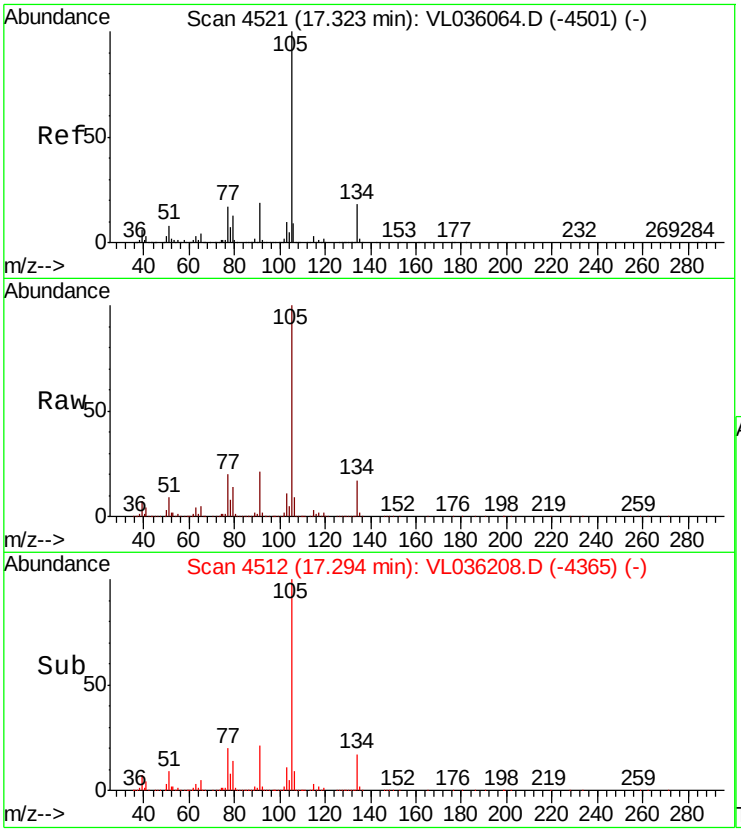


#66
Benzyl Chloride
Concen: 14.086 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 91 Resp: 1262679

Ion	Ratio	Lower	Upper
91	100		
126	13.9	13.5	20.3
128	4.5	4.4	6.6



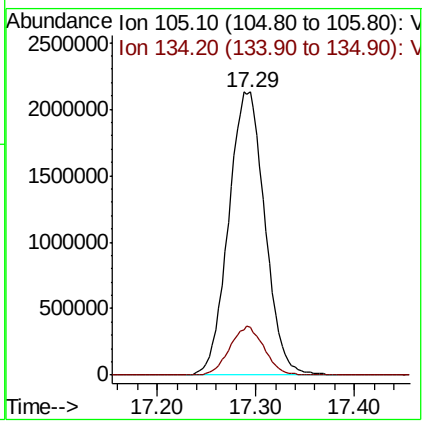


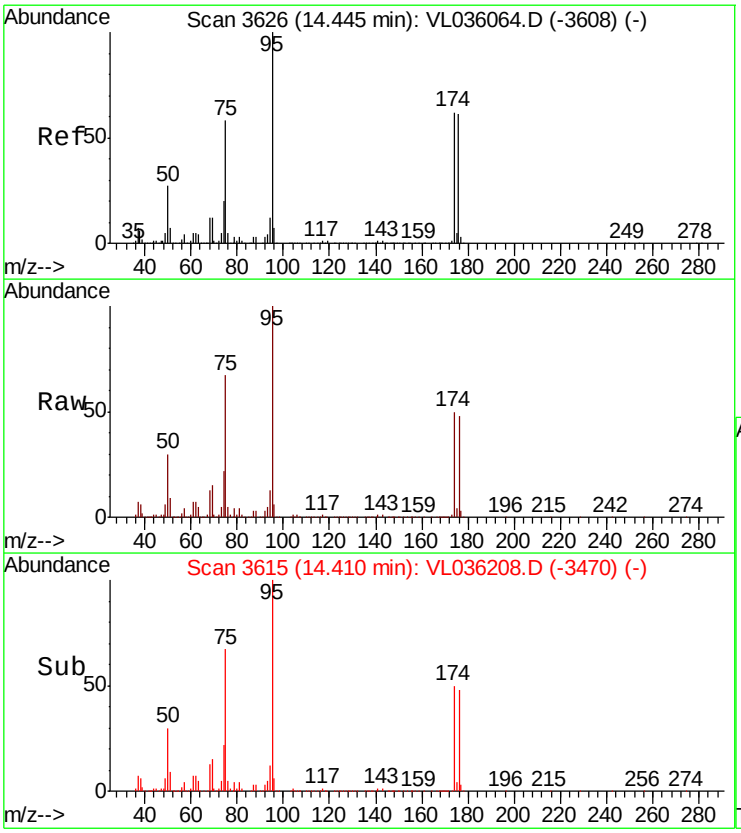
#67
sec-Butylbenzene
Concen: 10.796 ppbv
RT: 17.29 min Scan# 4512
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:105 Resp: 5439728

Ion	Ratio	Lower	Upper
105	100		
134	16.4	14.2	21.4

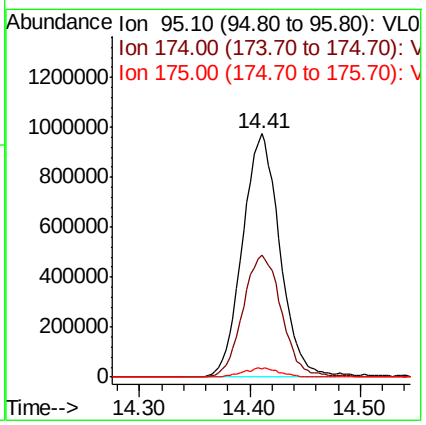


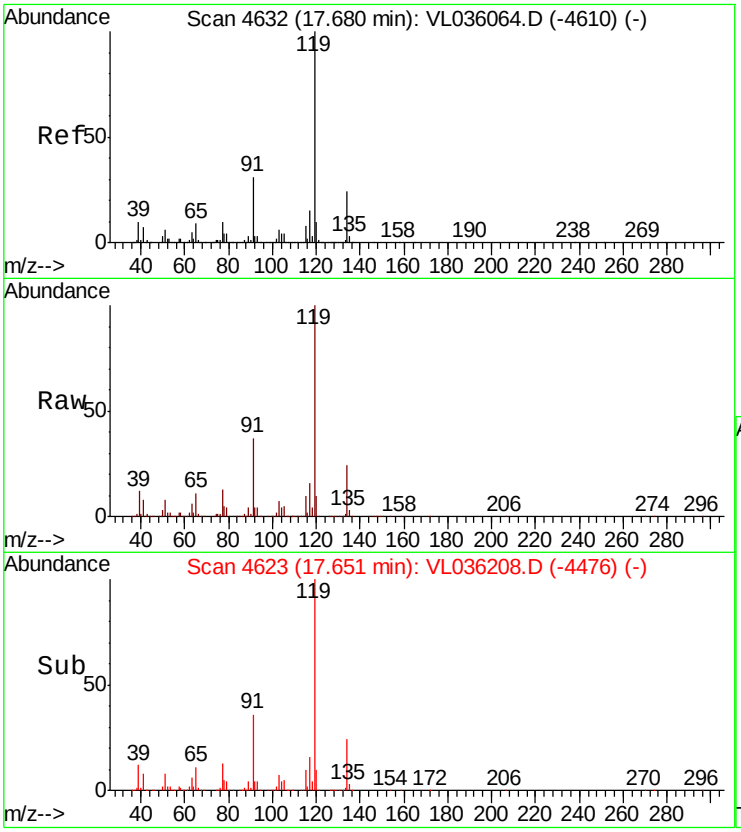


#68
1-Bromo-4-Fluorobenzene
Concen: 10.545 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 95 Resp: 2284527

Ion	Ratio	Lower	Upper
95	100		
174	52.1	50.7	76.1
175	3.8	4.0	6.0#



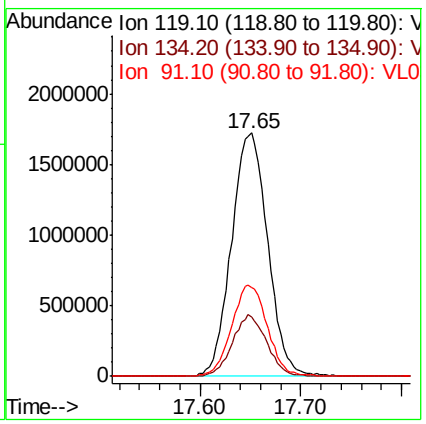


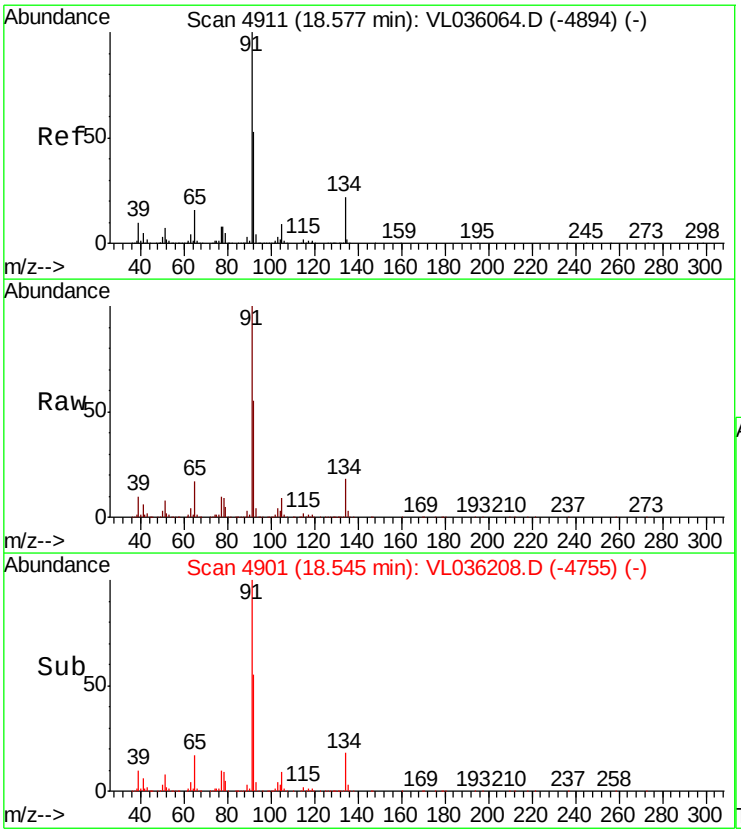
#69
p-Isopropyltoluene
Concen: 10.719 ppbv
RT: 17.65 min Scan# 4623
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 4295840

Ion	Ratio	Lower	Upper
119	100		
134	23.9	19.8	29.6
91	36.8	25.8	38.6

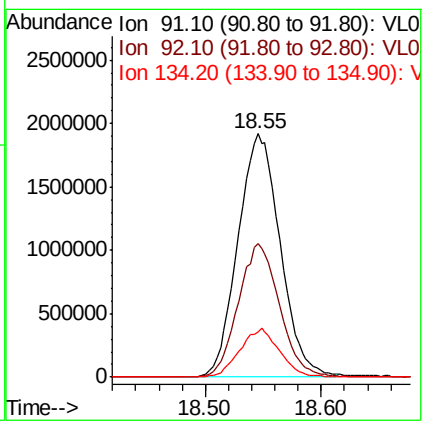


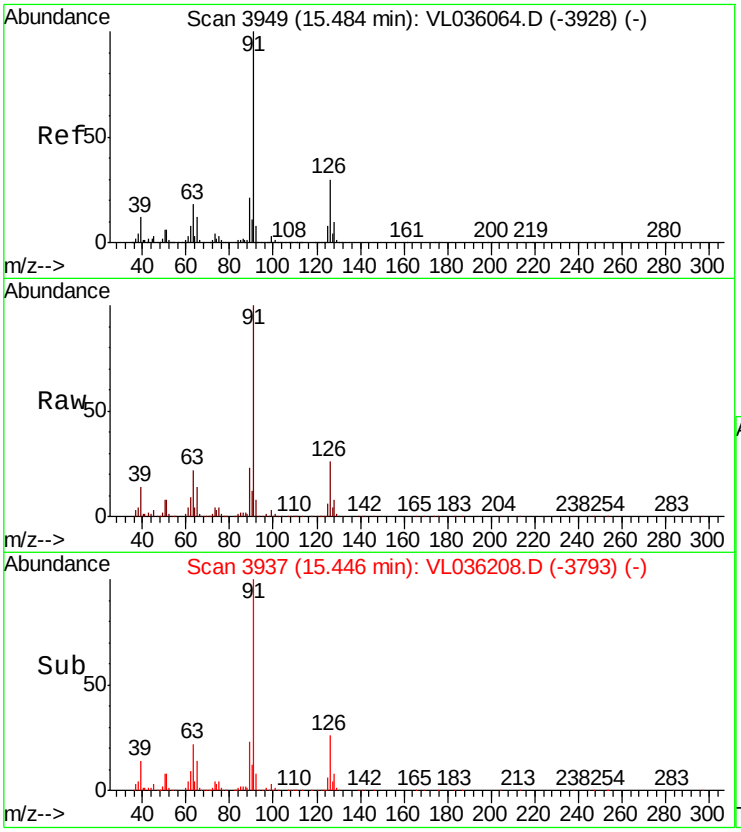


#70
n-Butylbenzene
Concen: 12.268 ppbv
RT: 18.55 min Scan# 4901
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion: 91 Resp: 4859330

Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.3	64.9
134	18.9	17.1	25.7



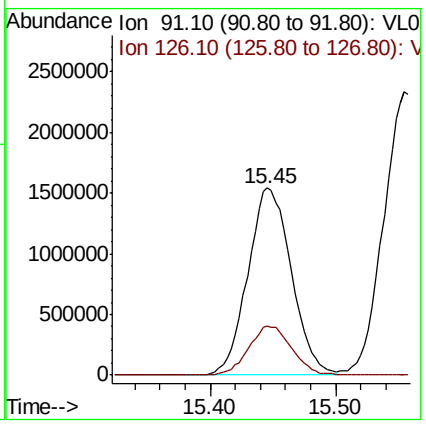


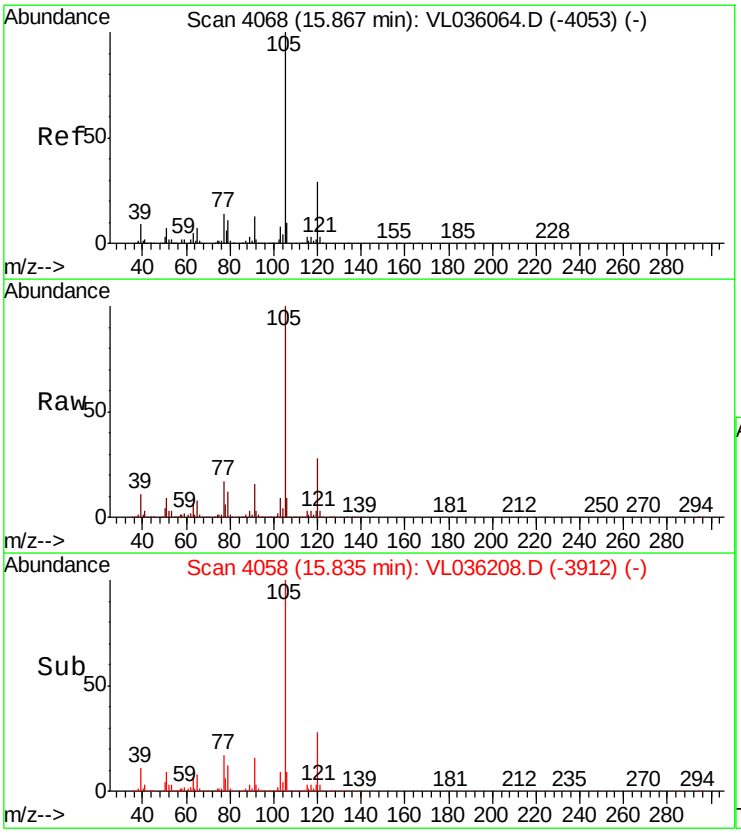
#71
2-Chlorotoluene
Concen: 11.199 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 3723246

Ion	Ratio	Lower	Upper
91	100		
126	26.0	11.6	46.4

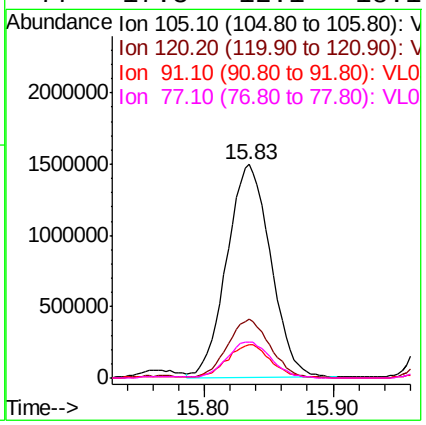


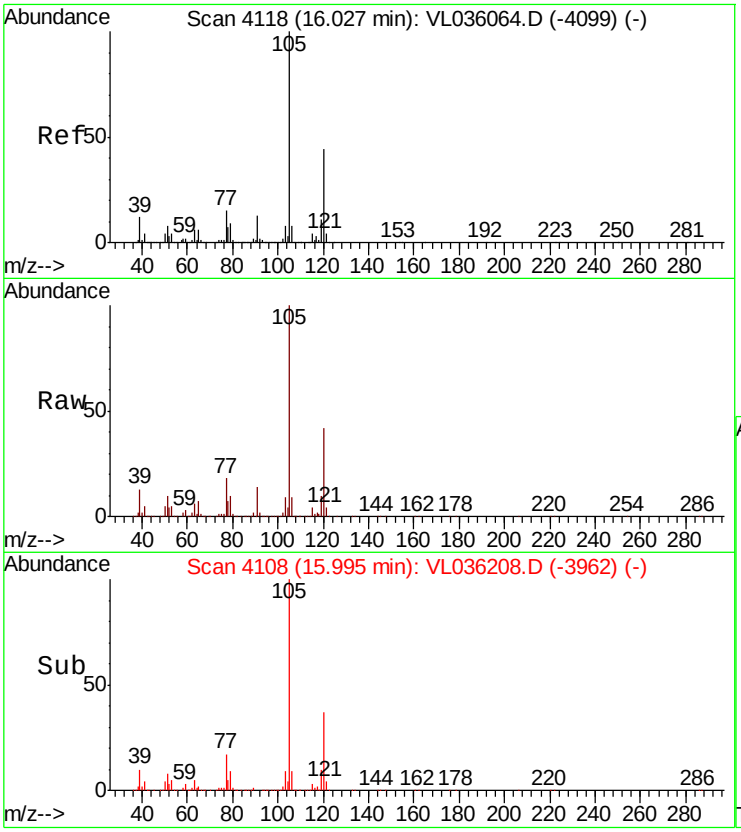


#72
4-Ethyltoluene
Concen: 10.902 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:105 Resp: 3504005

Ion	Ratio	Lower	Upper
105	100		
120	27.4	23.6	35.4
91	16.2	11.4	17.0
77	17.3	12.1	18.1



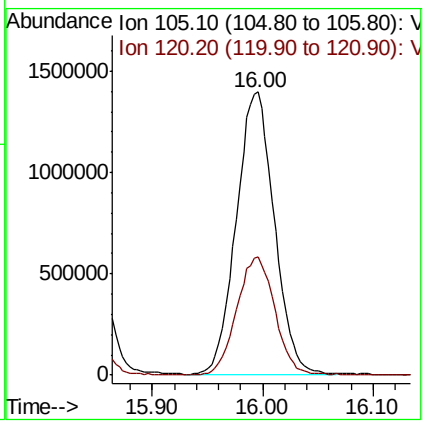


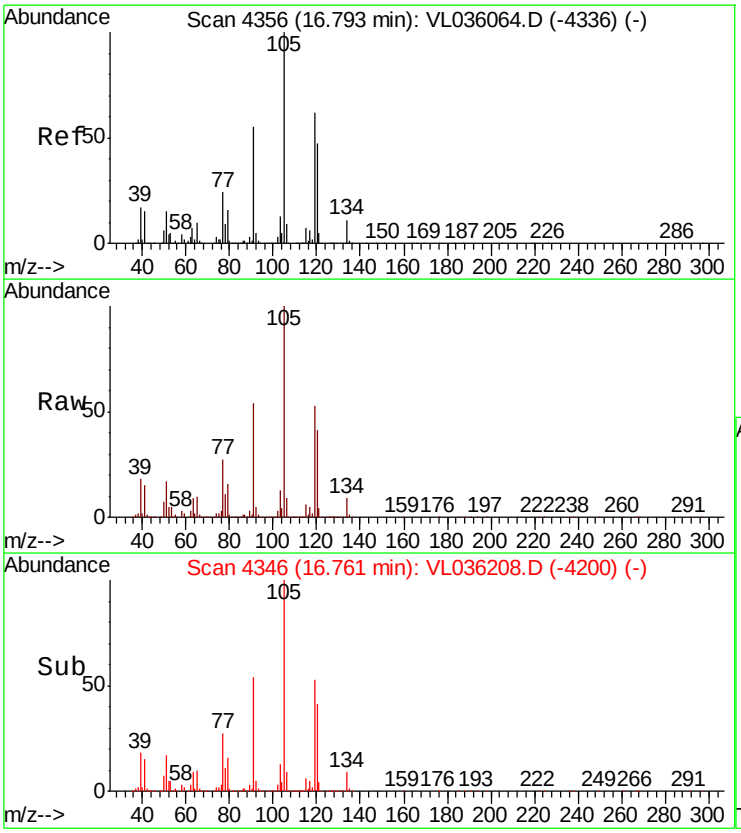
#73
1,3,5-Trimethylbenzene
Concen: 10.787 ppbv
RT: 16.00 min Scan# 4108
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:105 Resp: 3311250

Ion	Ratio	Lower	Upper
105	100		
120	41.6	35.4	53.2

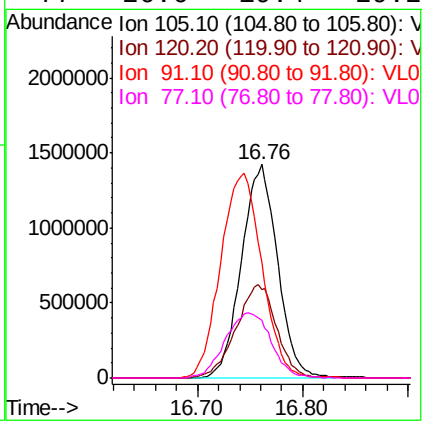


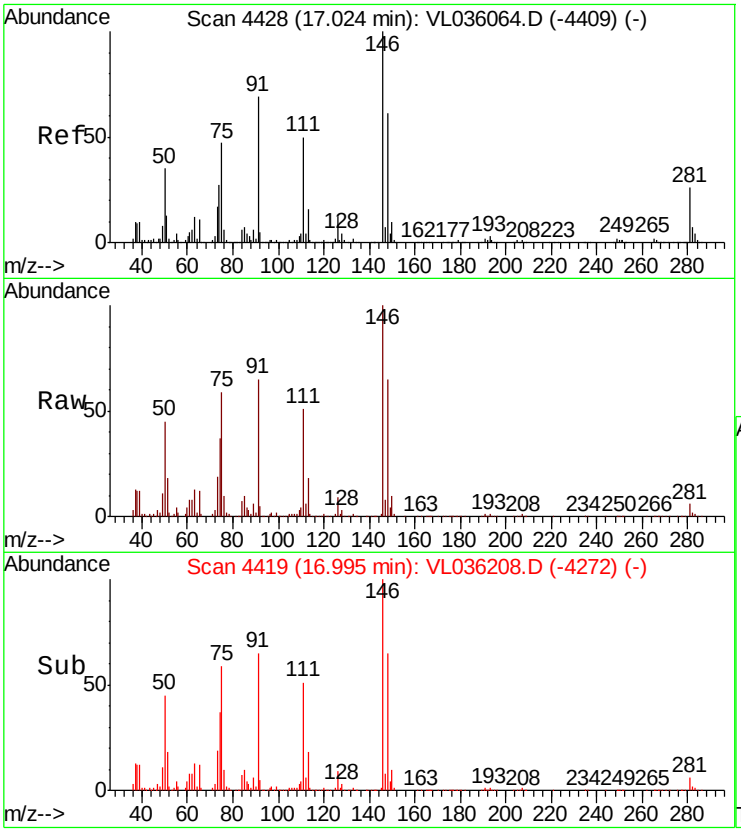


#74
1,2,4-Trimethylbenzene
Concen: 11.014 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:105 Resp: 3393940

Ion	Ratio	Lower	Upper
105	100		
120	41.1	37.4	56.0
91	53.5	45.6	68.4
77	26.6	19.4	29.2



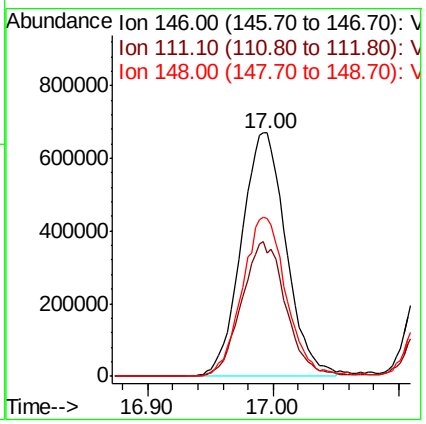


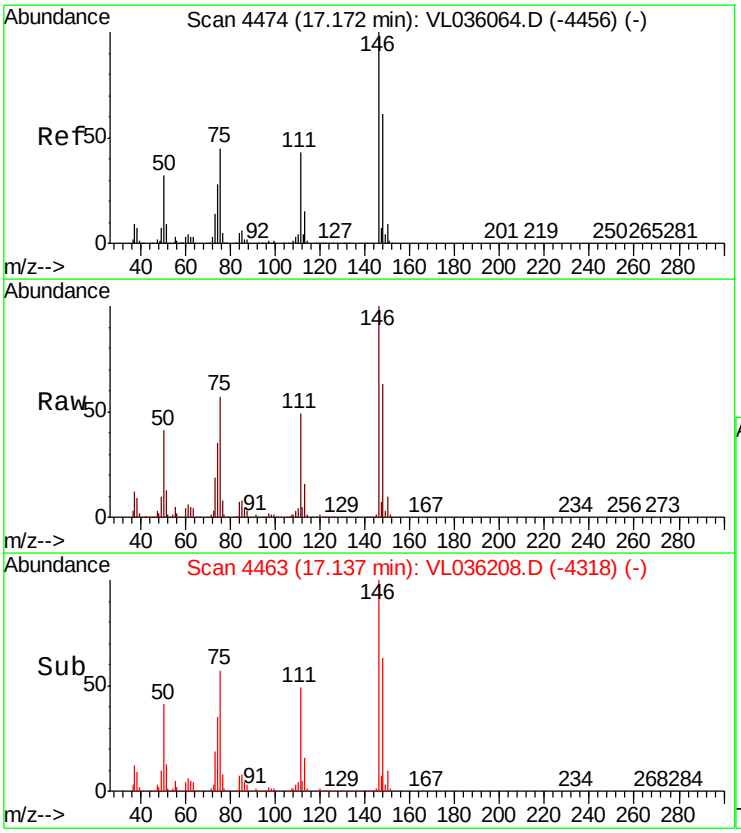
#75
1,3-Dichlorobenzene
Concen: 10.739 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:146 Resp: 1656440

Ion	Ratio	Lower	Upper
146	100		
111	54.4	25.1	75.3
148	65.0	32.9	98.6

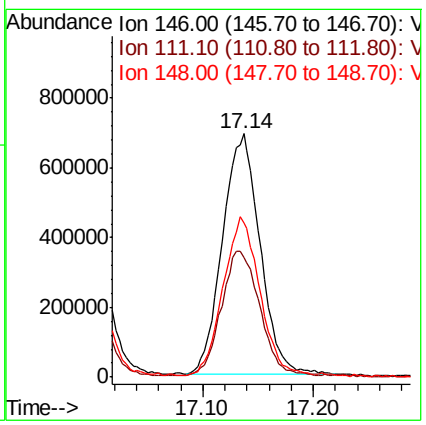


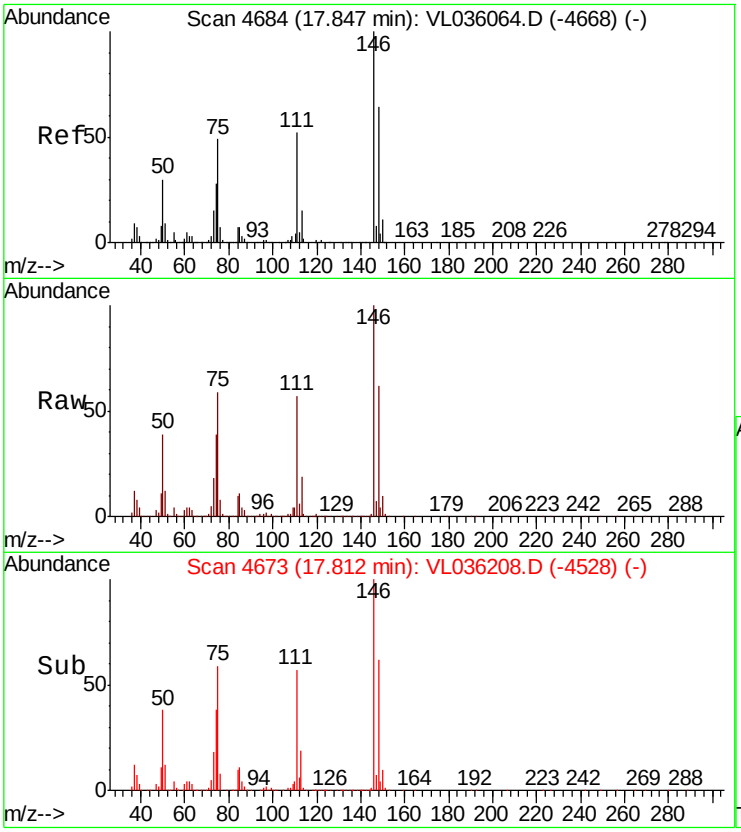


#76
1,4-Dichlorobenzene
Concen: 10.402 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:146 Resp: 1633571

Ion	Ratio	Lower	Upper
146	100		
111	53.0	24.3	72.8
148	66.6	32.8	98.3



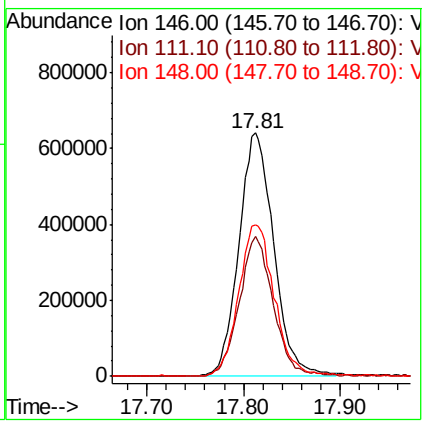


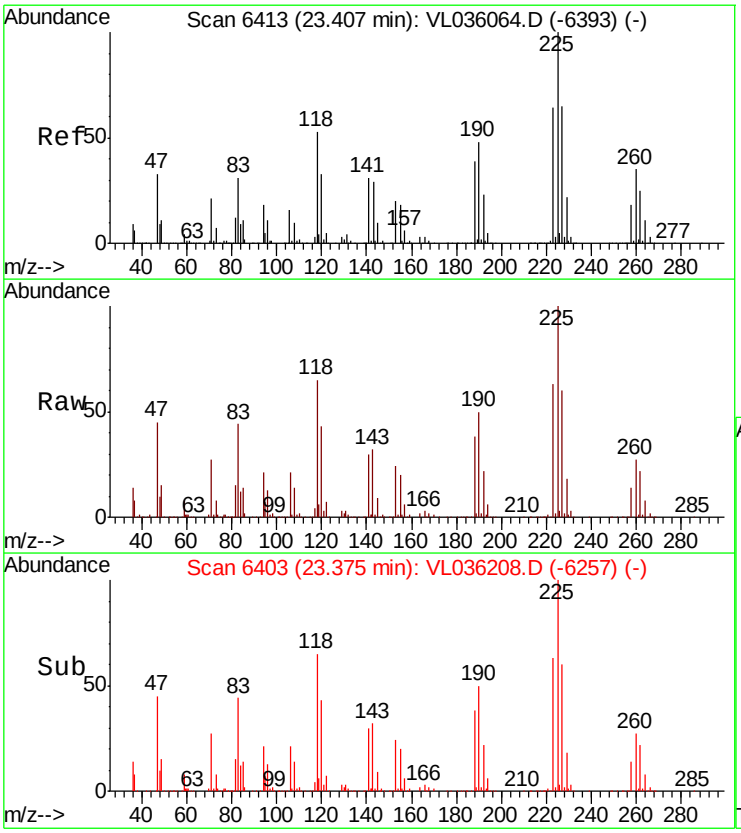
#77
1,2-Dichlorobenzene
Concen: 10.842 ppbv
RT: 17.81 min Scan# 4673
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:146 Resp: 1596720

Ion	Ratio	Lower	Upper
146	100		
111	56.5	26.1	78.2
148	64.3	33.1	99.5

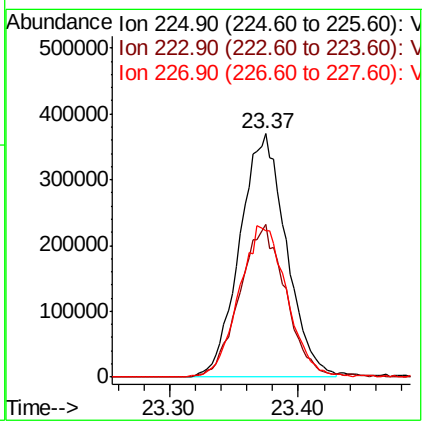


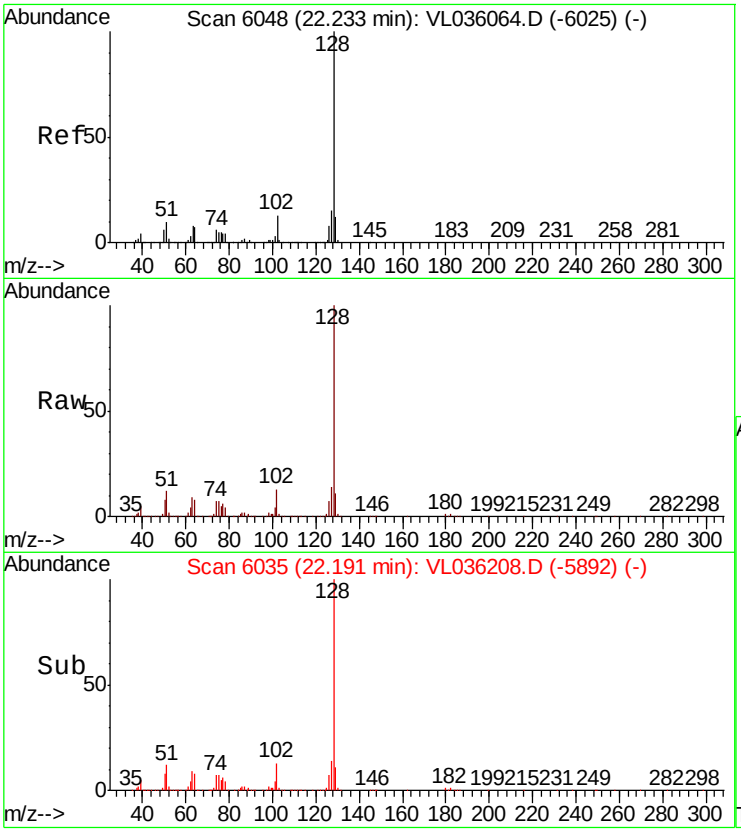


#78
Hexachloro-1,3-Butadiene
Concen: 7.821 ppbv
RT: 23.37 min Scan# 6403
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:225 Resp: 923125

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.1	76.7
227	64.9	51.7	77.5



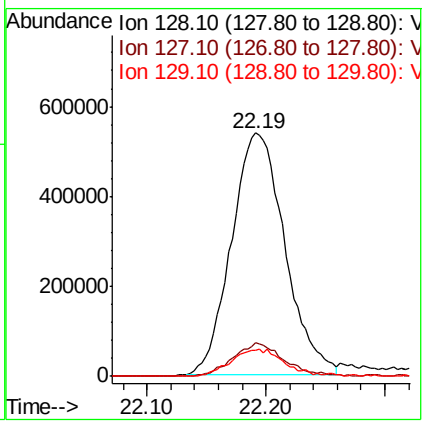


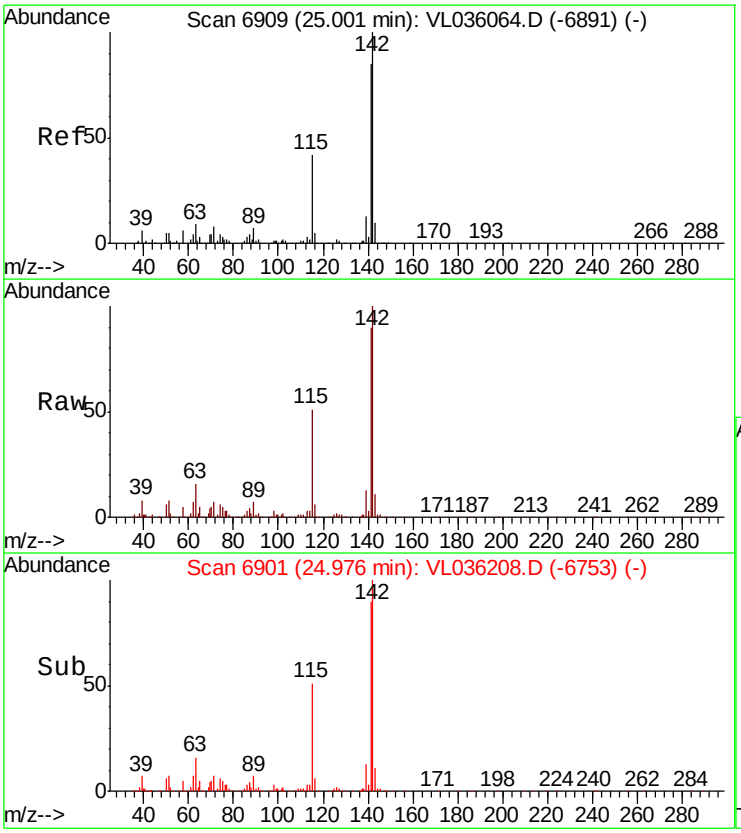
#79
Naphthalene
Concen: 10.678 ppbv
RT: 22.19 min Scan# 6035
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 1672490

Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.7	17.5
129	10.7	9.3	13.9

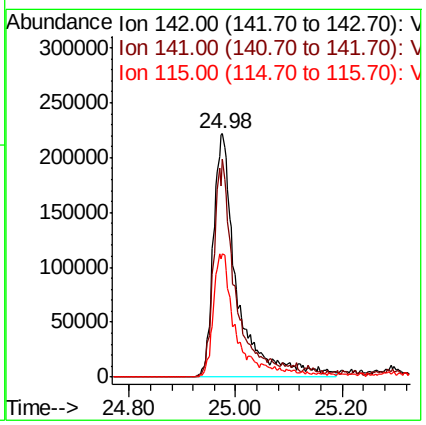


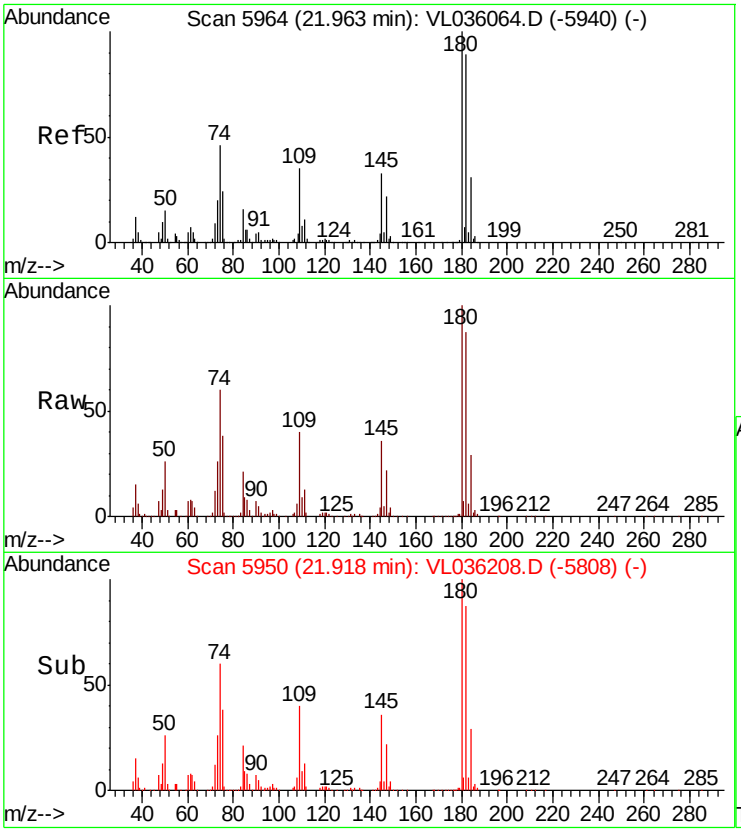


#80
Naphthalene,2-methyl-
Concen: 19.629 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.03 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Tgt Ion:142 Resp: 687514

Ion	Ratio	Lower	Upper
142	100		
141	86.6	64.3	96.5
115	49.6	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 8.849 ppbv
RT: 21.92 min Scan# 5950
Delta R.T. -0.04 min
Lab File: VL036208.D
Acq: 24 Dec 2020 8:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 926082

Ion	Ratio	Lower	Upper
180	100		
182	101.4	0.0	0.0#
184	32.0	0.0	0.0#