Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

Quantitation Report (Not Reviewed)

Data File : VL035384.D
Acq On : 12 Aug 2020 13:57
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 12 15:25:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1422272	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3295437	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	3135801	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2578936	9.86	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	113072	0.598	ppbv		98
3) Chlorodifluoromethane	2.98	51	86042	0.530	ppbv		96
4) Chloromethane	3.13	50	48296	0.525	ppbv		89
5) Vinyl Chloride	3.25	62	46618	0.493	ppbv		99
6) Bromomethane	3.47	94	18366	0.317	ppbv	#	74
7) Chloroethane	3.56	64	16961	0.483	ppbv		94
8) Dichlorotetrafluoroethane	3.18	85	108752	0.486	ppbv		98
9) Propene	3.00	41	47783	0.826	ppbv		100
10) Heptane	8.14	43	56737	0.384	ppbv	#	23
11) Trichlorofluoromethane	3.95	101	112897	0.461	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	75021	0.428	ppbv		97
13) Ethanol	3.61	45	17189	0.861	ppbv		74
14) Bromoethene	3.74	108	32986	0.470	ppbv		97
15) Acetone	3.86	43	104247	0.516	ppbv		99
16) 1,3-Butadiene	3.32	39	44731	0.575	ppbv		97
17) tert-Butyl alcohol	4.31	59	113741	0.614	ppbv		100
18) 1,1-Dichloroethene	4.29	96	33888	0.450	ppbv		97
19) Isopropyl Alcohol	3.98	45	78463	0.613	ppbv		90
20) Methylene Chloride	4.35	84	39448	0.479	ppbv		96
21) Allyl Chloride	4.41	41	58788	0.508	ppbv		93
22) trans-1,2-Dichloroethene	4.89	96	33769	0.463	ppbv		94
23) Vinyl Acetate	5.08	43	153494	0.793	ppbv		97
24) 1,1-Dichloroethane	5.01	63	102190	0.561	ppbv		98
25) Ethyl Acetate	5.69	43	207738	0.677	ppbv		99
26) Hexane	5.69	57	89094	0.669	ppbv		98
27) Carbon Disulfide	4.56	76	88366	0.475	ppbv	#	85
28) Methyl tert-Butyl Ether	5.05	73	71238	0.368	ppbv	#	52
29) Chloroform	5.75	83	124913	0.544	ppbv		86
30) Cyclohexane	7.13	84	34254	0.339	ppbv	#	1
31) cis-1,2-Dichloroethene	5.55	61	83985	0.710	ppbv		90
32) 1,1,1-Trichloroethane	6.51	97	64024	0.265	ppbv	#	25
34) 2-Butanone	5.26	43	127260	0.784	ppbv		99
35) Carbon Tetrachloride	7.02	117	117141	0.517	ppbv		95
36) Benzene	6.90	78	179501	0.807	ppbv		94
37) 1,2-Dichloroethane	6.31	62	96287	0.619	ppbv		97
38) Trichloroethene	7.84	130	62653	0.610	ppbv		98
39) 1,2-Dichloropropane	7.62	63	70045	0.778	ppbv		92
41) Tetrahydrofuran	6.08	42	73030	0.917	ppbv		98
42) Bromodichloromethane	7.80	83	67896	0.325	ppbv		98
43) Methyl Methacrylate	8.03	69	75508	0.807	ppbv		98
44) 2,2,4-Trimethylpentane	7.88	57	306560	0.775	ppbv		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

Quantitation Report (Not Reviewed)

Data File : VL035384.D
Acq On : 12 Aug 2020 13:57
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 12 15:25:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.30	75	23839	0.245	ppbv		97
46) cis-1,3-Dichloropropene	8.71	75	56593	0.483	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	70242	0.648	ppbv		92
48) Dibromochloromethane	10.31	129	48778	0.275	ppbv	#	1
49) Bromoform	13.06	173	59371	0.367	ppbv	#	50
50) 4-Methyl-2-Pentanone	8.77	43	111640	0.451	ppbv	#	39
51) 2-Hexanone	10.17	43	157065	0.809	ppbv	#	96
52) Tetrachloroethene	11.24	164	54941	0.623	ppbv	#	87
53) Toluene	9.82	91	214638	0.887	ppbv		97
54) 1,2-Dibromoethane	10.63	107	111773	0.719	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.15	131	31079	0.210	ppbv	#	1
57) Chlorobenzene	12.17	112	154667	0.655	ppbv	#	94
58) Ethyl Benzene	12.73	91	286095	0.877	ppbv		100
59) m/p-Xylene	13.01	91	202001	0.665	ppbv	#	9
60) o-Xylene	13.71	91	240103	0.796	ppbv		97
61) Styrene	13.55	104	164195	0.892	ppbv		99
62) Isopropylbenzene	14.69	105	358291	0.789	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.70	83	162200	0.631	ppbv		99
64) n-propylbenzene	15.59	120	92012	0.754	ppbv		85
65) tert-Butylbenzene	16.77	119	317914	0.765	ppbv		99
66) Benzyl Chloride	17.01	91	114969	0.699	ppbv		95
67) sec-Butylbenzene	17.32	105	452245	0.769	ppbv		97
69) p-Isopropyltoluene	17.68	119	372595	0.777	ppbv		98
70) n-Butylbenzene	18.58	91	424031	0.827	ppbv		95
71) 2-Chlorotoluene	15.48	91	283226	0.852	ppbv		95
72) 4-Ethyltoluene	15.86	105	146144	0.425	ppbv	#	55
73) 1,3,5-Trimethylbenzene	16.02	105	266412	0.808	ppbv		93
74) 1,2,4-Trimethylbenzene	16.78	105	290230	0.770	ppbv		97
75) 1,3-Dichlorobenzene	17.02	146	154379	0.626	ppbv		98
76) 1,4-Dichlorobenzene	17.17	146	154937	0.678	ppbv		99
77) 1,2-Dichlorobenzene	17.84	146	85111	0.374	ppbv	#	32
78) Hexachloro-1,3-Butadiene	23.40	225	130386	0.673	ppbv		97
79) Naphthalene	22.23	128	180130	0.621	ppbv	#	95
80) Naphthalene,2-methyl-	25.00	142	148563	2.252	ppbv		98
81) 1,2,4-Trichlorobenzene	21.96	180	164010	0.897	ppbv		100

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

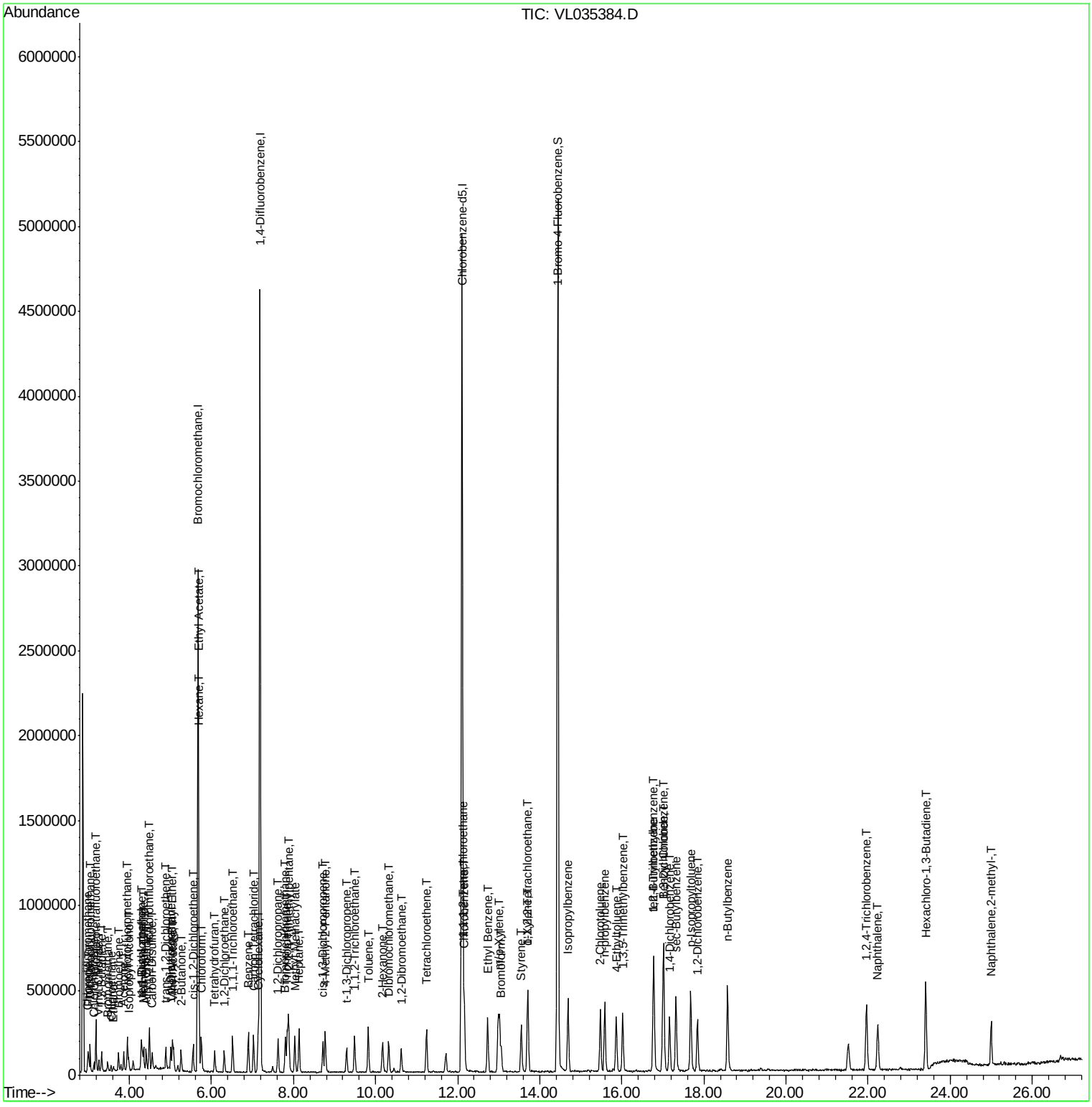
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

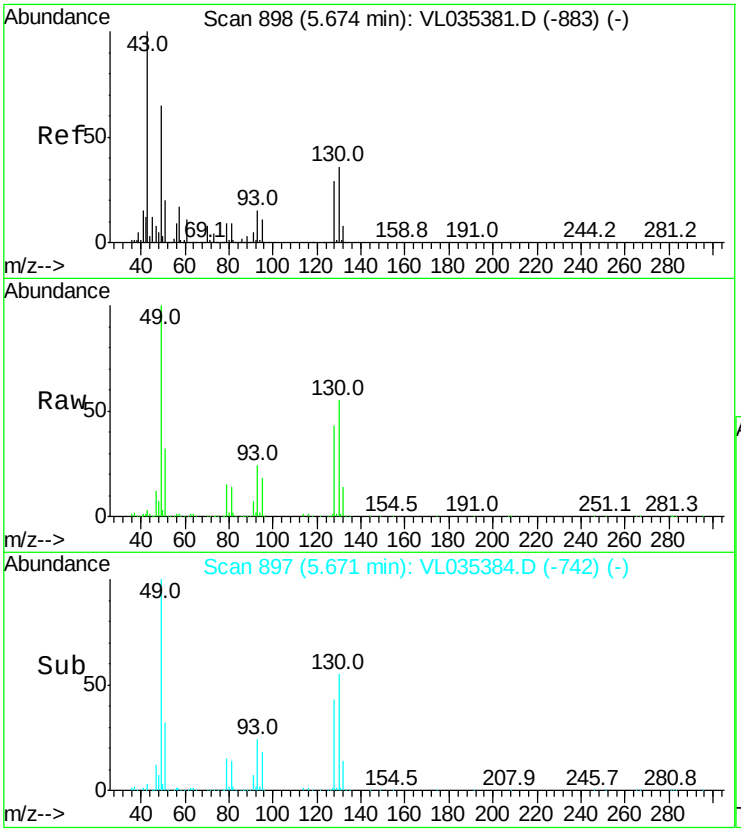
Quantitation Report (Not Reviewed)

Data File : VL035384.D
Acq On : 12 Aug 2020 13:57
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 12 15:25:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration



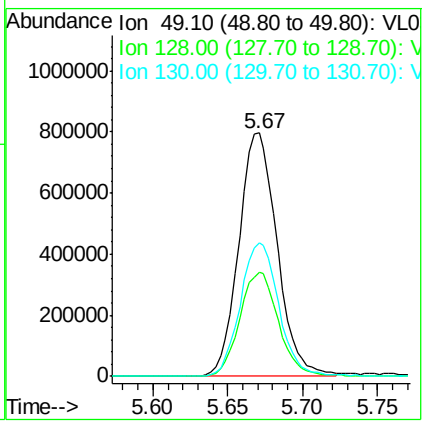


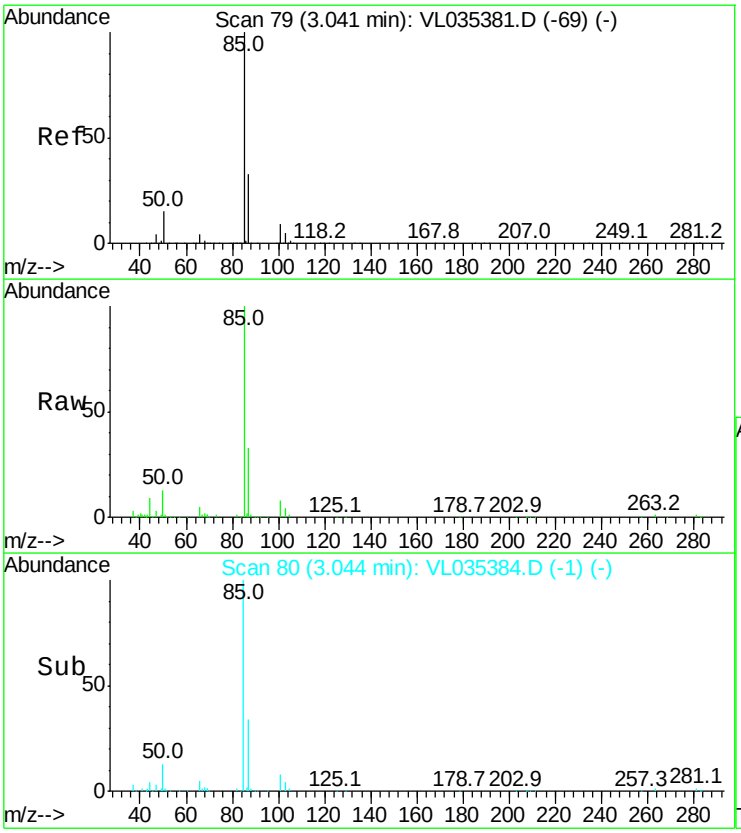
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1422272

Ion	Ratio	Lower	Upper
49	100		
128	43.2	21.8	65.3
130	55.5	27.9	83.6

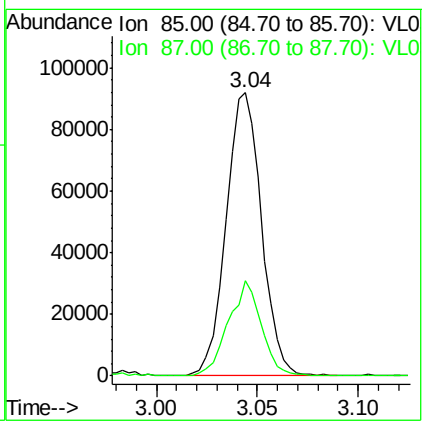


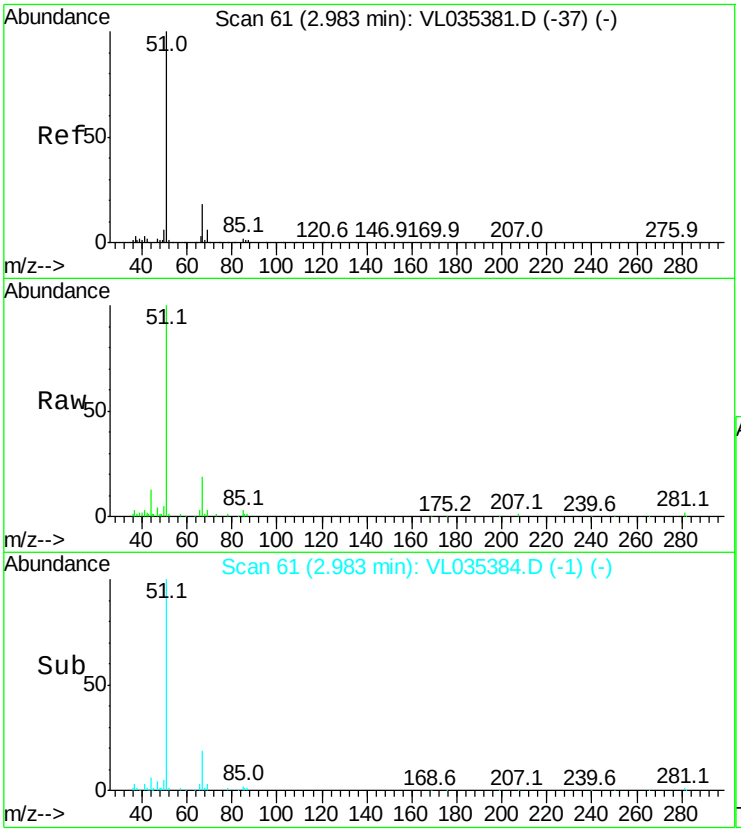


#2
Dichlorodifluoromethane
Concen: 0.598 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 85 Resp: 113072

Ion	Ratio	Lower	Upper
85	100		
87	33.5	26.1	39.1



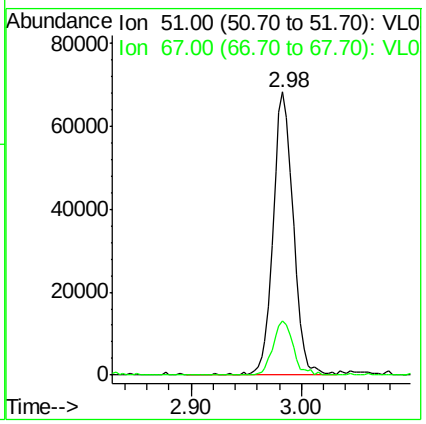


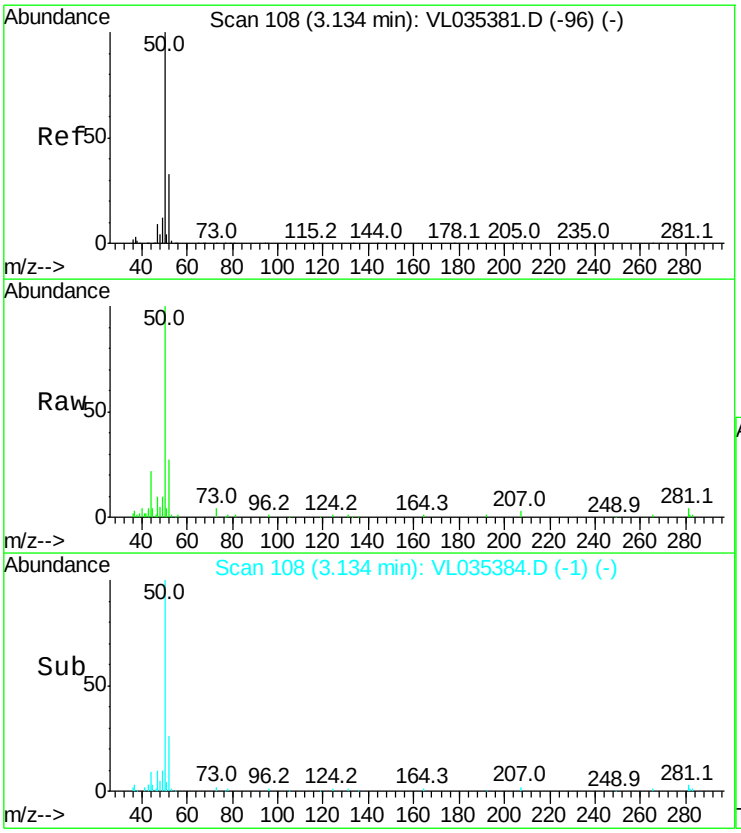
#3
Chlorodifluoromethane
Concen: 0.530 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 86042

Ion	Ratio	Lower	Upper
51	100		
67	19.4	14.1	21.1

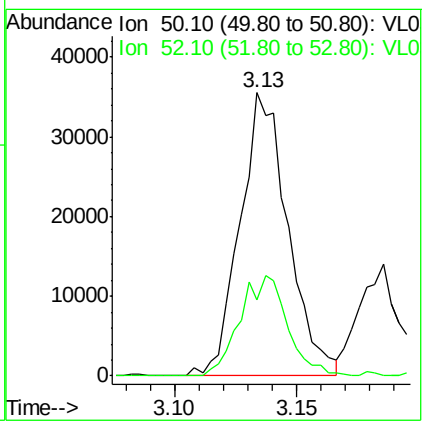


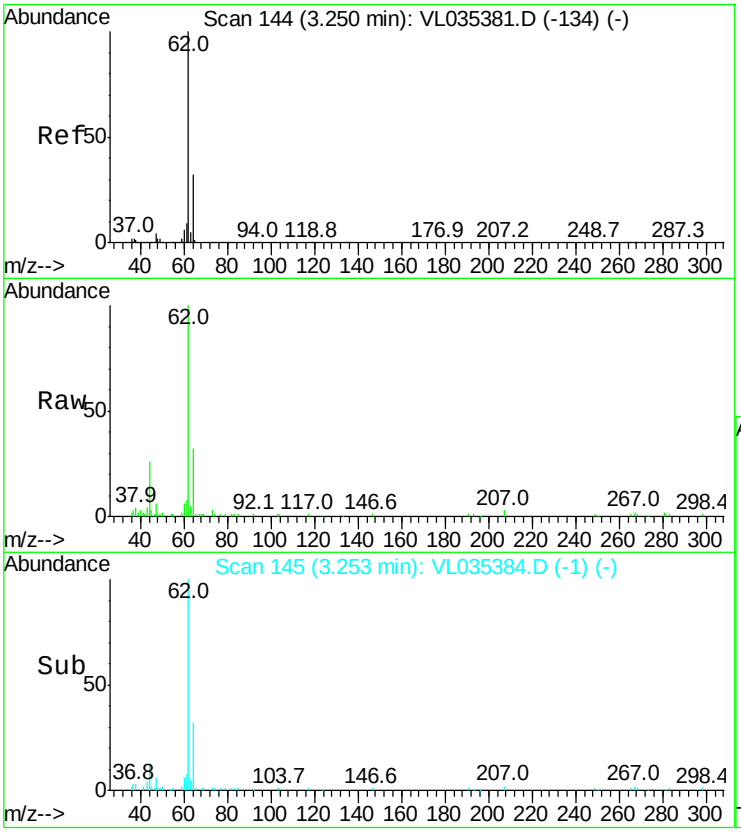


#4
Chloromethane
Concen: 0.525 ppbv
RT: 3.13 min Scan# 108
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 50 Resp: 48296

Ion	Ratio	Lower	Upper
50	100		
52	27.0	26.6	39.8



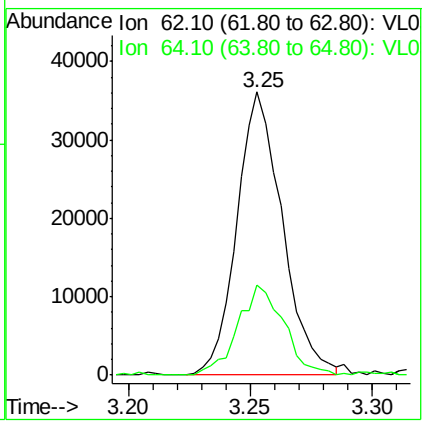


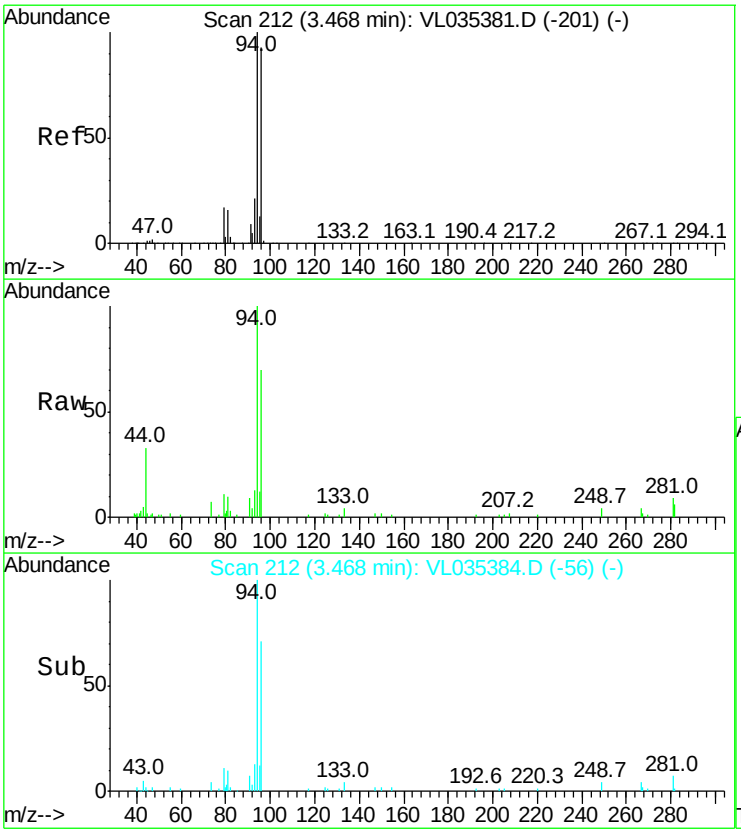
#5
Vinyl Chloride
Concen: 0.493 ppbv
RT: 3.25 min Scan# 145
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 46618

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.7	38.5

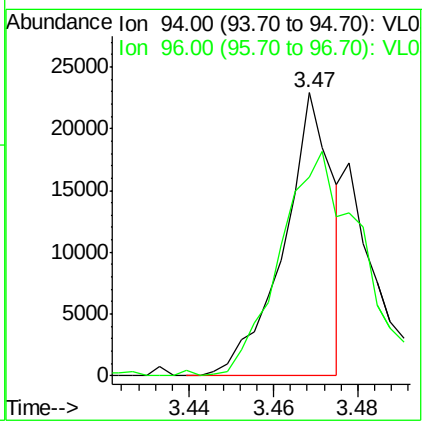


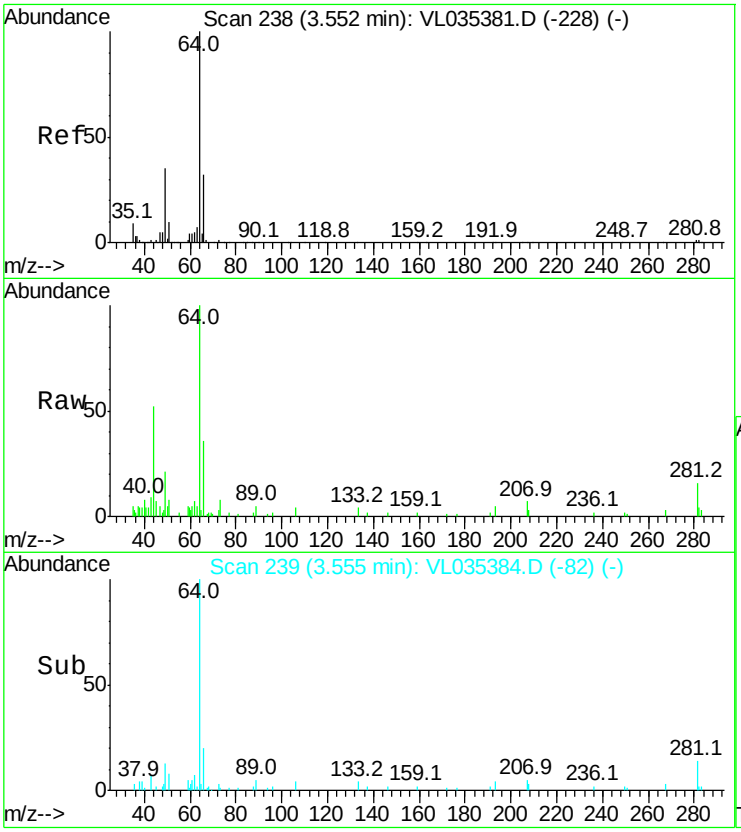


#6
Bromomethane
Concen: 0.317 ppbv
RT: 3.47 min Scan# 212
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 94 Resp: 18366

Ion	Ratio	Lower	Upper
94	100		
96	68.0	74.4	111.6#



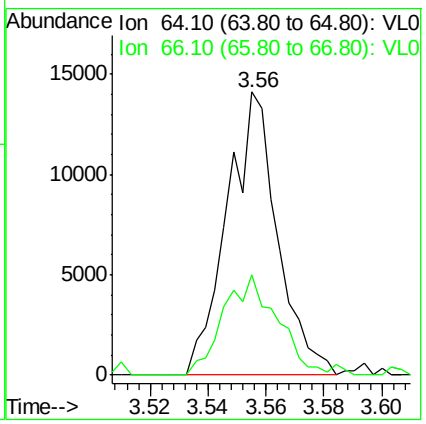


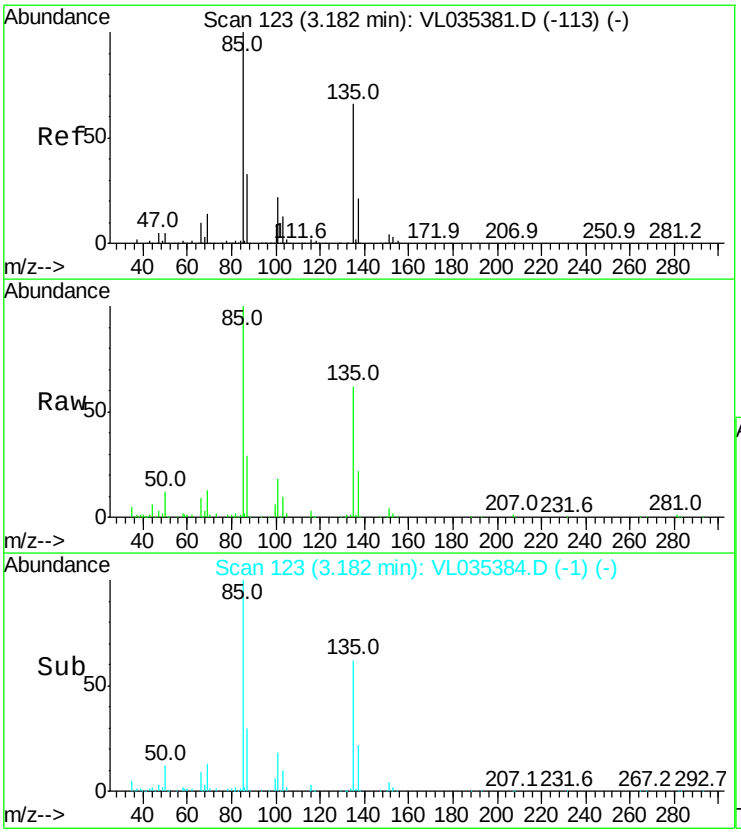
#7
Chloroethane
Concen: 0.483 ppbv
RT: 3.56 min Scan# 239
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 16961

Ion	Ratio	Lower	Upper
64	100		
66	35.5	25.7	38.5

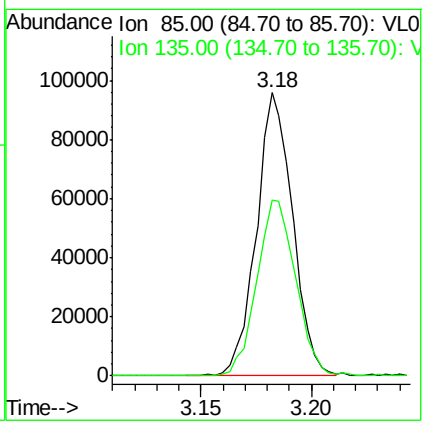


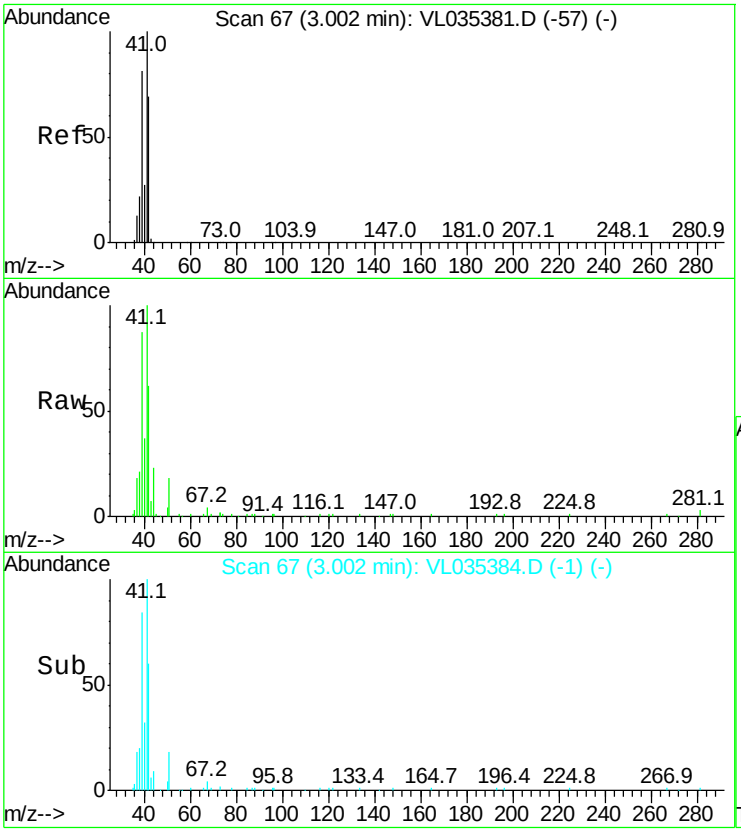


#8
Dichlorotetrafluoroethane
Concen: 0.486 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 85 Resp: 108752

Ion	Ratio	Lower	Upper
85	100		
135	67.0	52.5	78.7



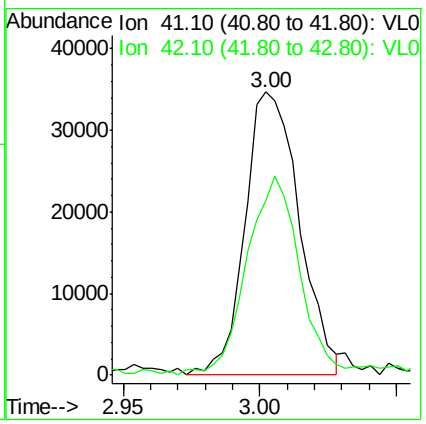


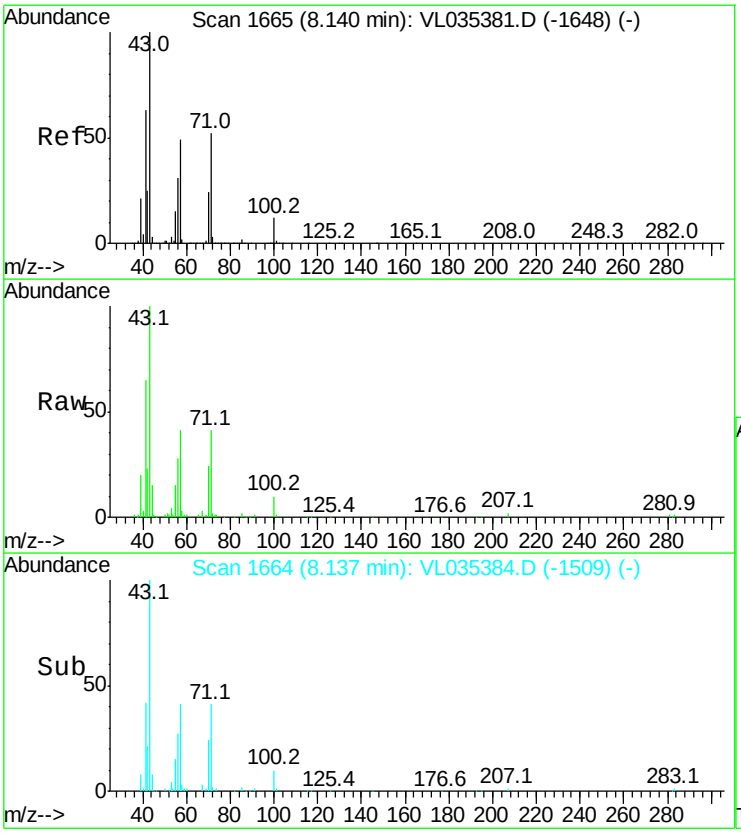
#9
Propene
Concen: 0.826 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 47783

Ion	Ratio	Lower	Upper
41	100		
42	69.2	55.4	83.2

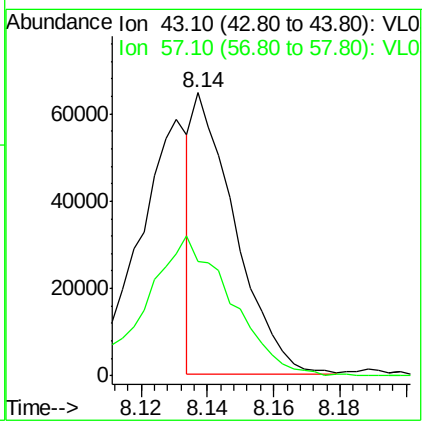


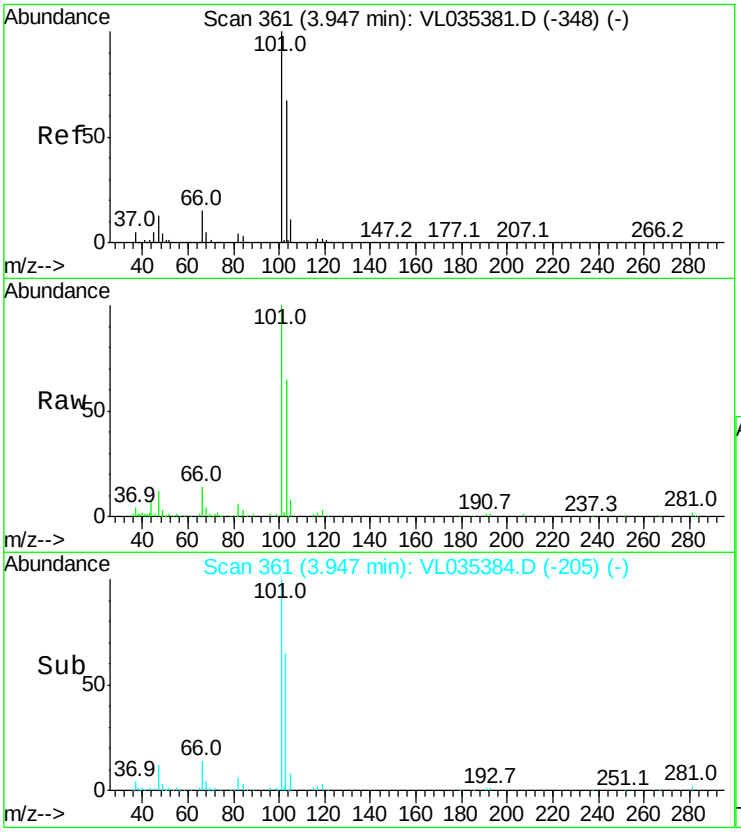


#10
Heptane
Concen: 0.384 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 43 Resp: 56737

Ion	Ratio	Lower	Upper
43	100		
57	101.8	39.4	59.2#



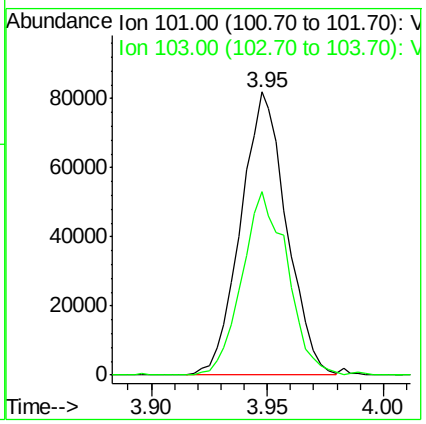


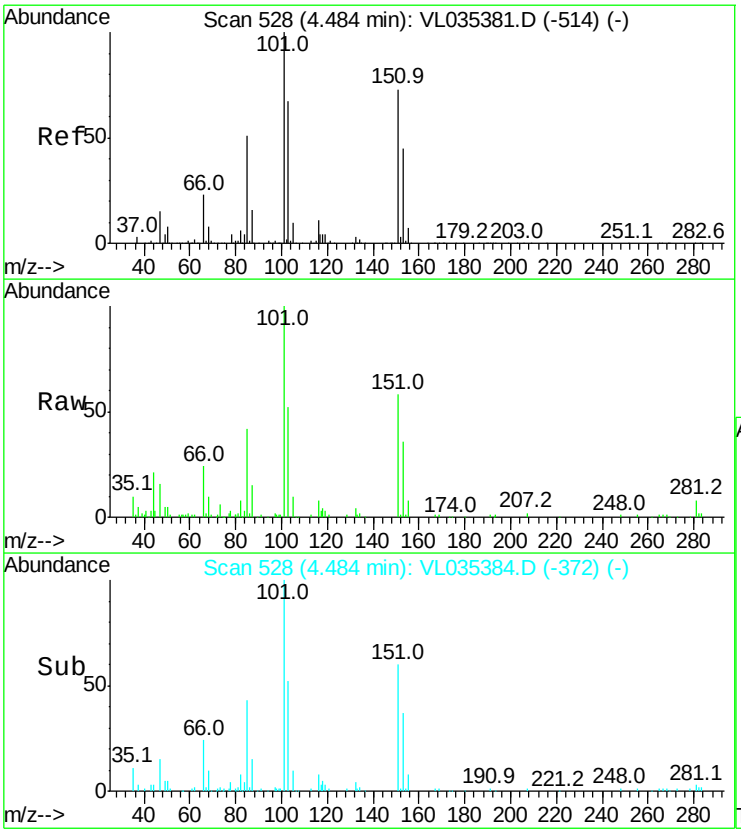
#11
Trichlorofluoromethane
Concen: 0.461 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 112897

Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.3	79.9

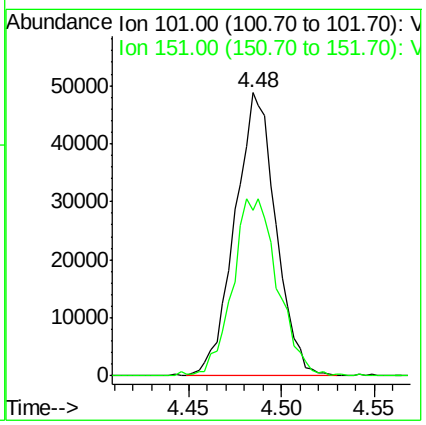


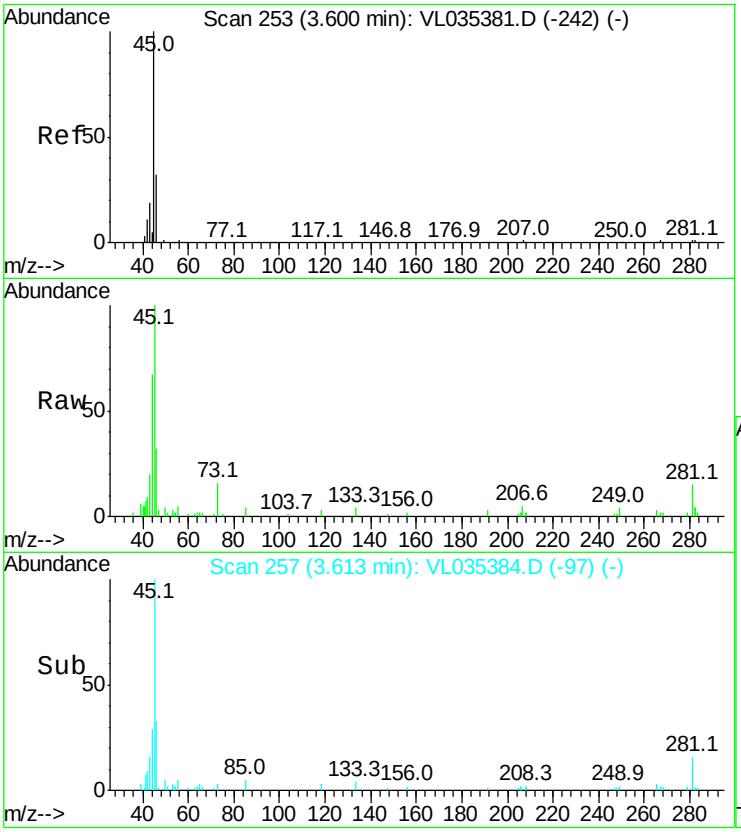


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.428 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:101 Resp: 75021

Ion	Ratio	Lower	Upper
101	100		
151	68.9	57.0	85.6



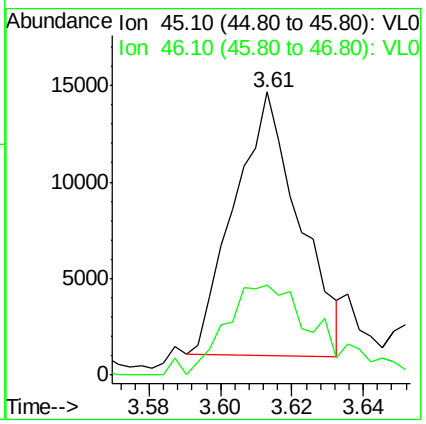


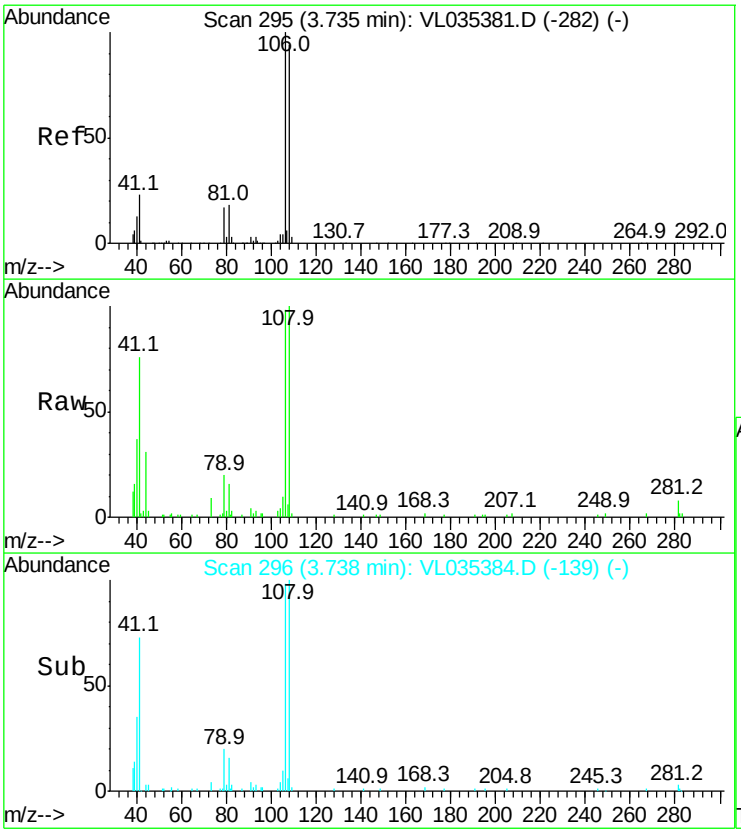
#13
Ethanol
Concen: 0.861 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 17189

Ion	Ratio	Lower	Upper
45	100		
46	50.1	14.1	56.3

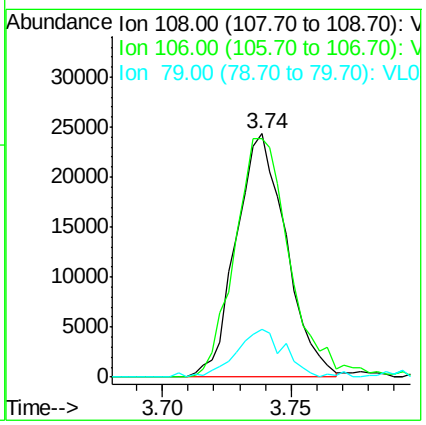


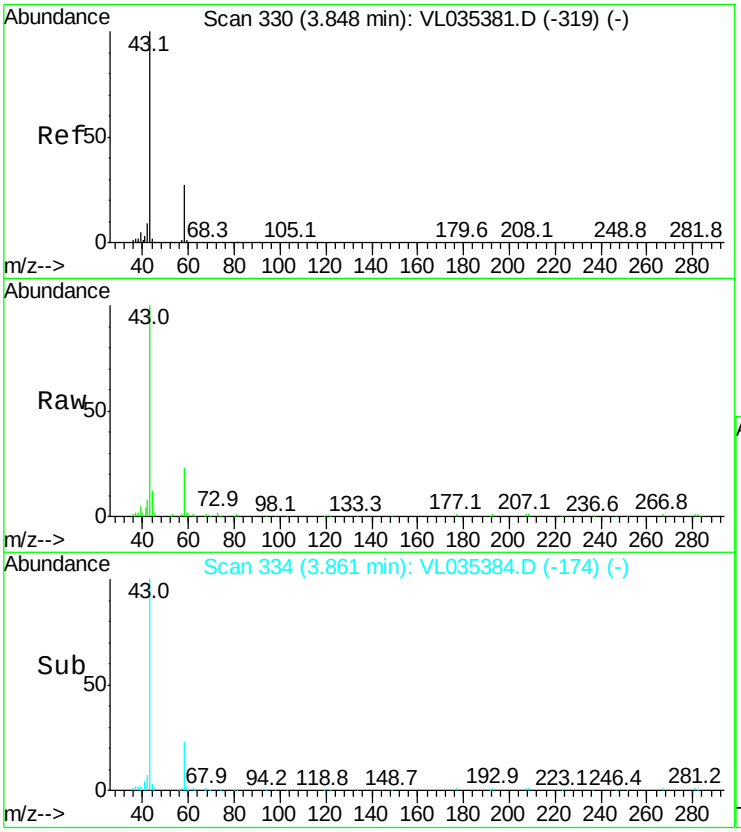


#14
Bromoethene
Concen: 0.470 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:108 Resp: 32986

Ion	Ratio	Lower	Upper
108	100		
106	109.4	84.9	127.3
79	19.5	15.8	23.8



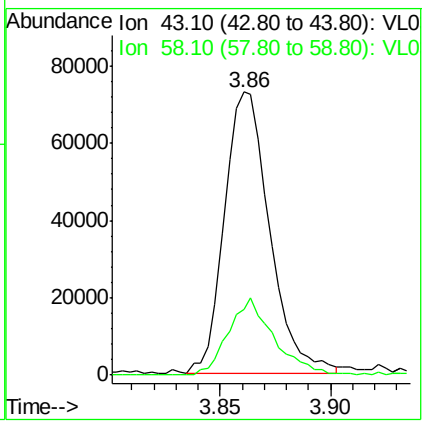


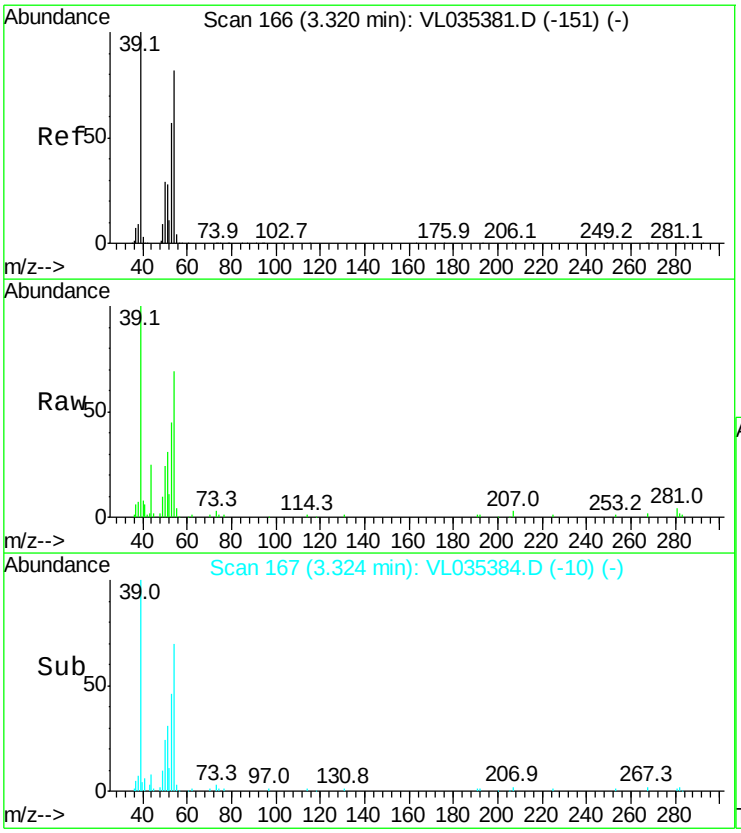
#15
Acetone
Concen: 0.516 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 104247

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.7	32.5

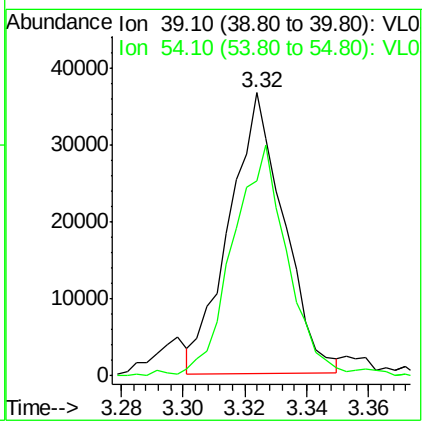


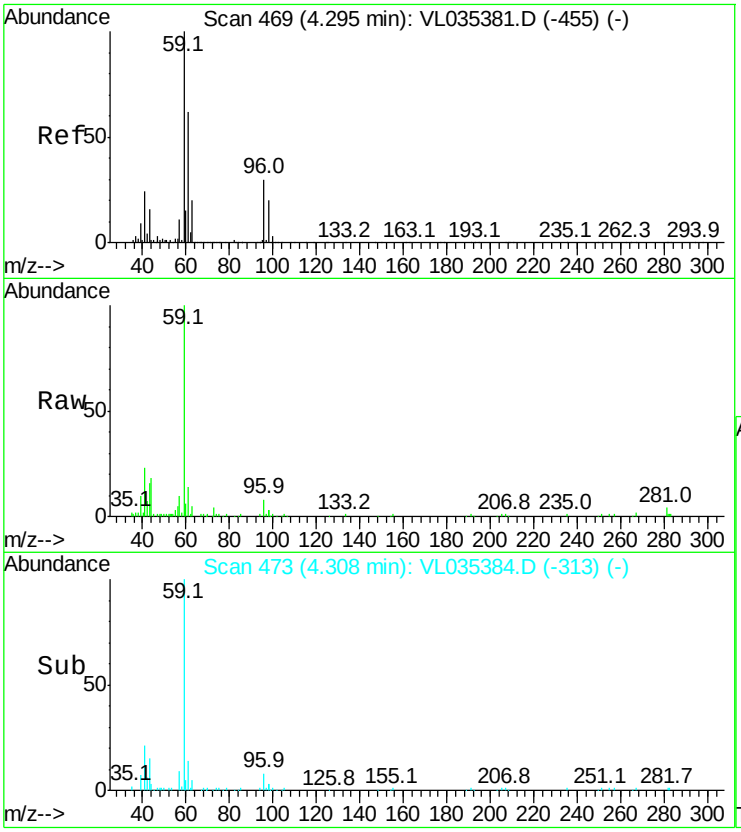


#16
1,3-Butadiene
Concen: 0.575 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 39 Resp: 44731

Ion	Ratio	Lower	Upper
39	100		
54	84.1	64.9	97.3



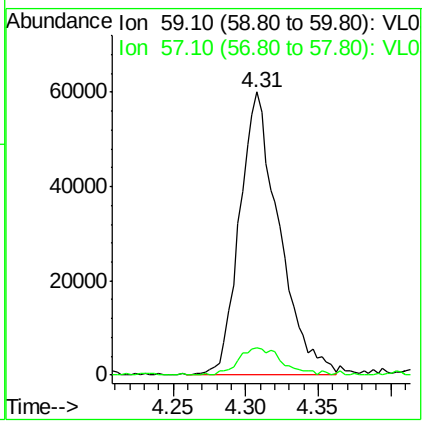


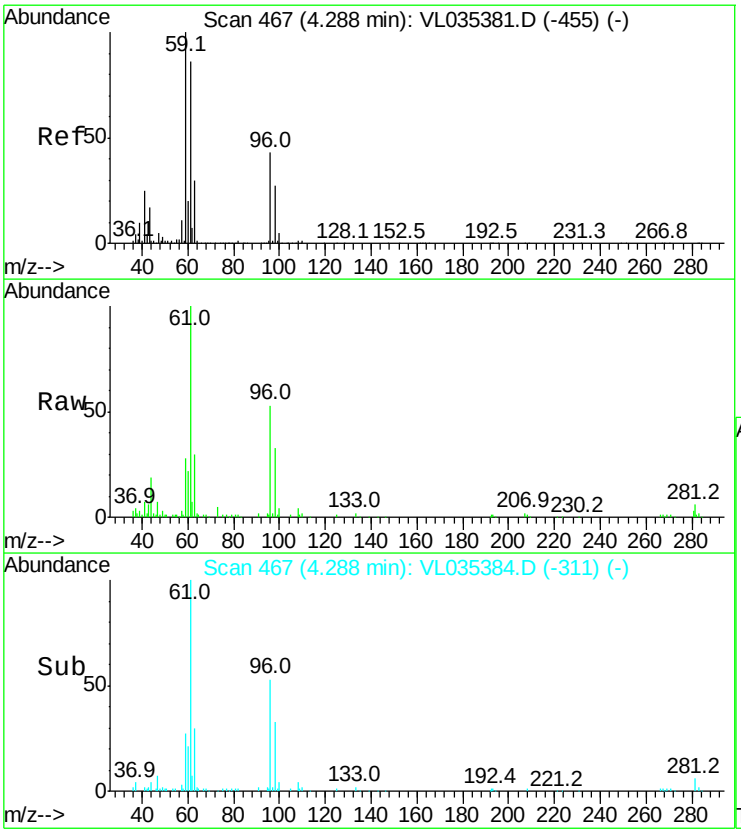
#17
tert-Butyl alcohol
Concen: 0.614 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 113741

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	13.0

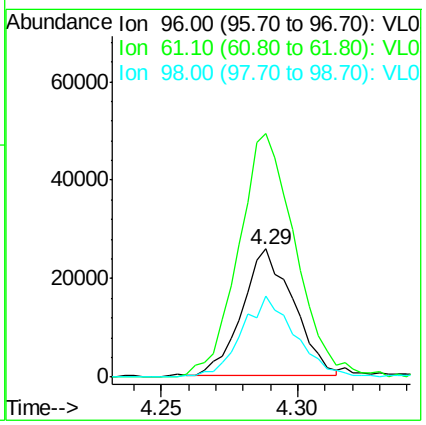


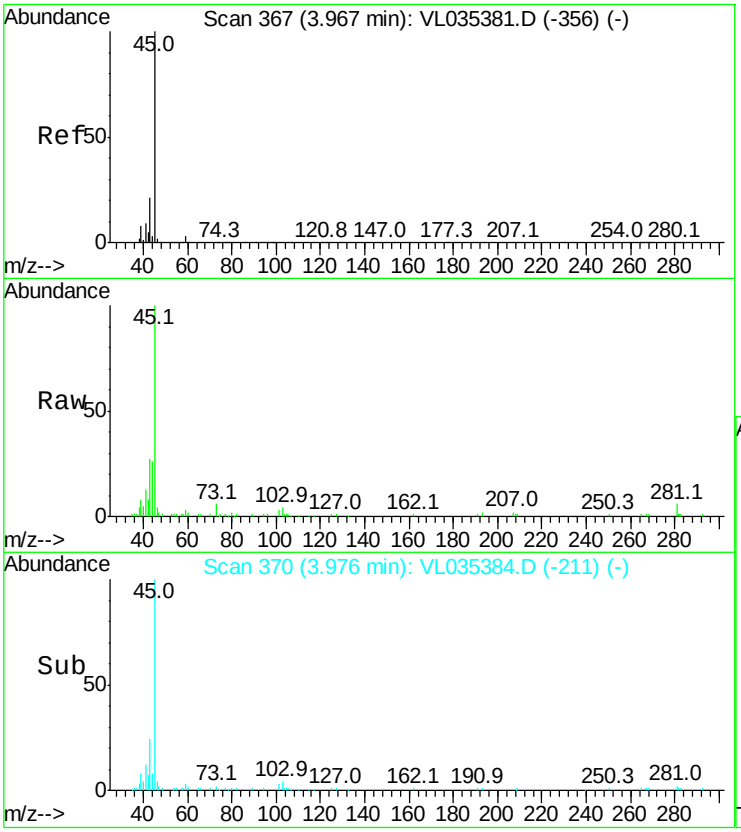


#18
1,1-Dichloroethene
Concen: 0.450 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 96 Resp: 33888

Ion	Ratio	Lower	Upper
96	100		
61	203.8	159.0	238.4
98	62.5	50.3	75.5



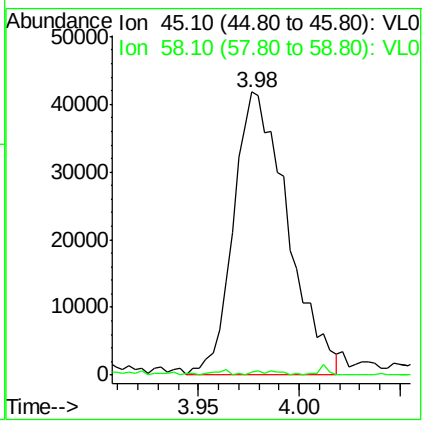


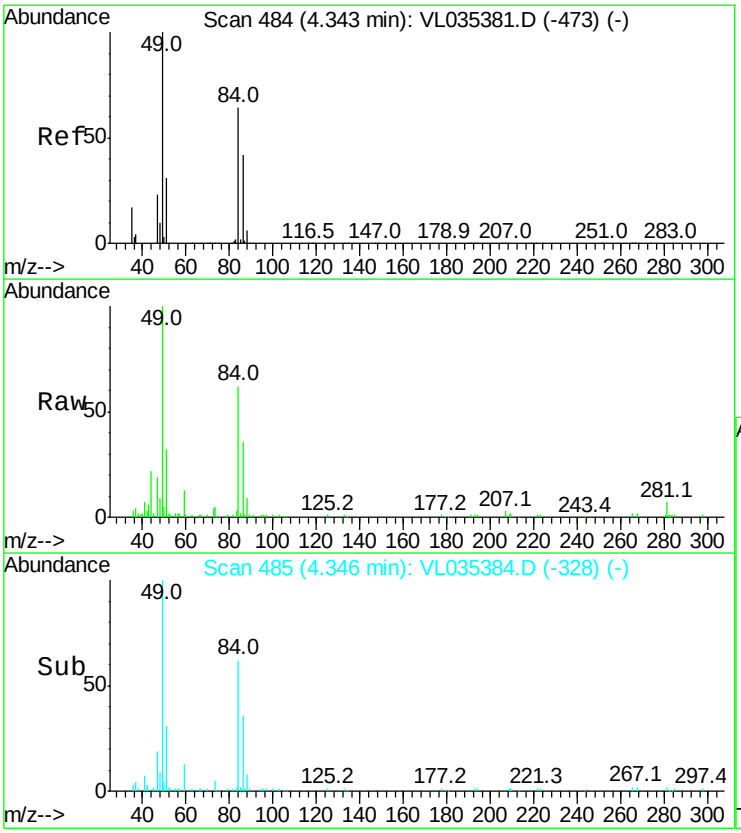
#19
Isopropyl Alcohol
Concen: 0.613 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 78463

Ion	Ratio	Lower	Upper
45	100		
58	36.8	24.9	37.3

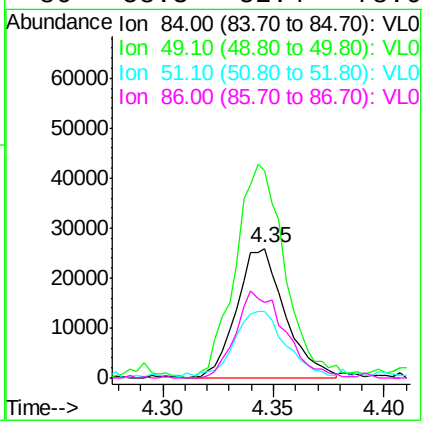


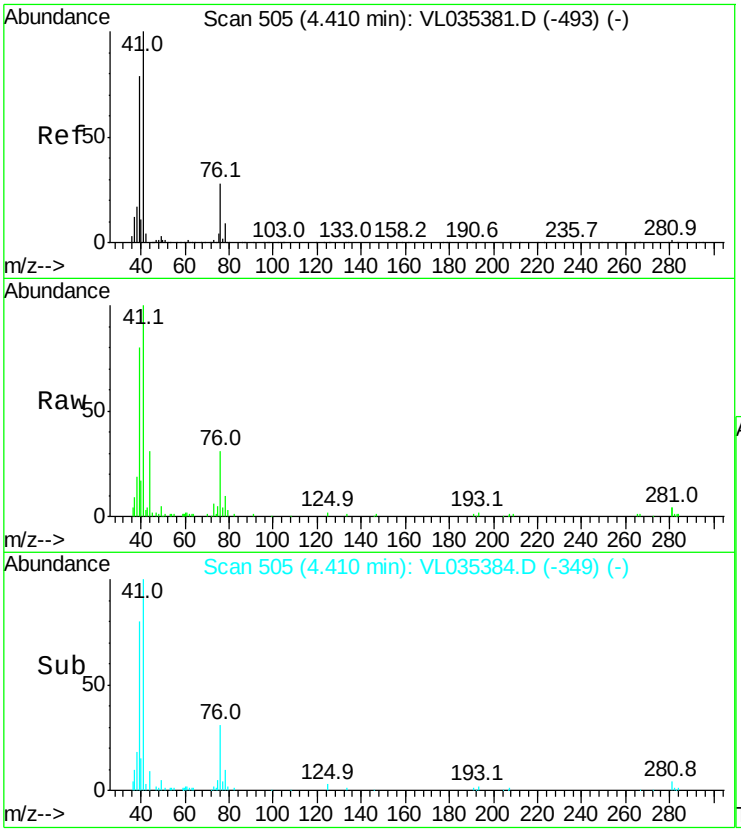


#20
Methylene Chloride
Concen: 0.479 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 84 Resp: 39448

Ion	Ratio	Lower	Upper
84	100		
49	160.4	125.7	188.5
51	49.4	38.5	57.7
86	58.3	52.4	78.6



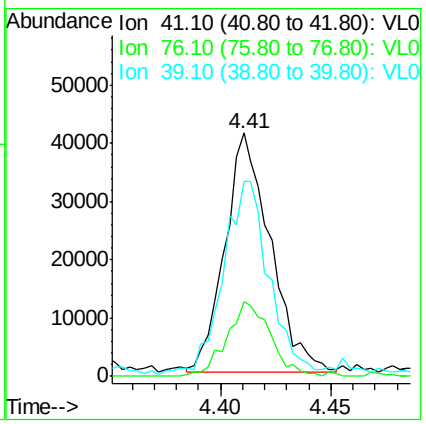


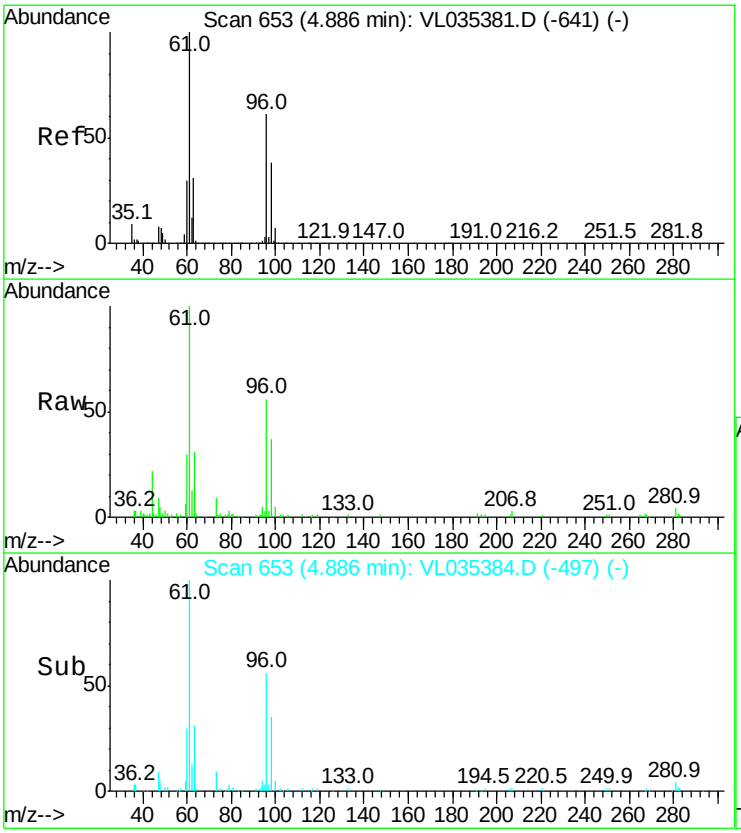
#21
Allyl Chloride
Concen: 0.508 ppbv
RT: 4.41 min Scan# 505
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 41 Resp: 58788

Ion	Ratio	Lower	Upper
41	100		
76	30.1	22.4	33.6
39	86.1	63.0	94.4

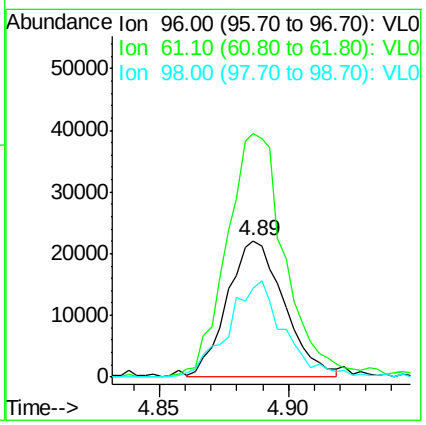


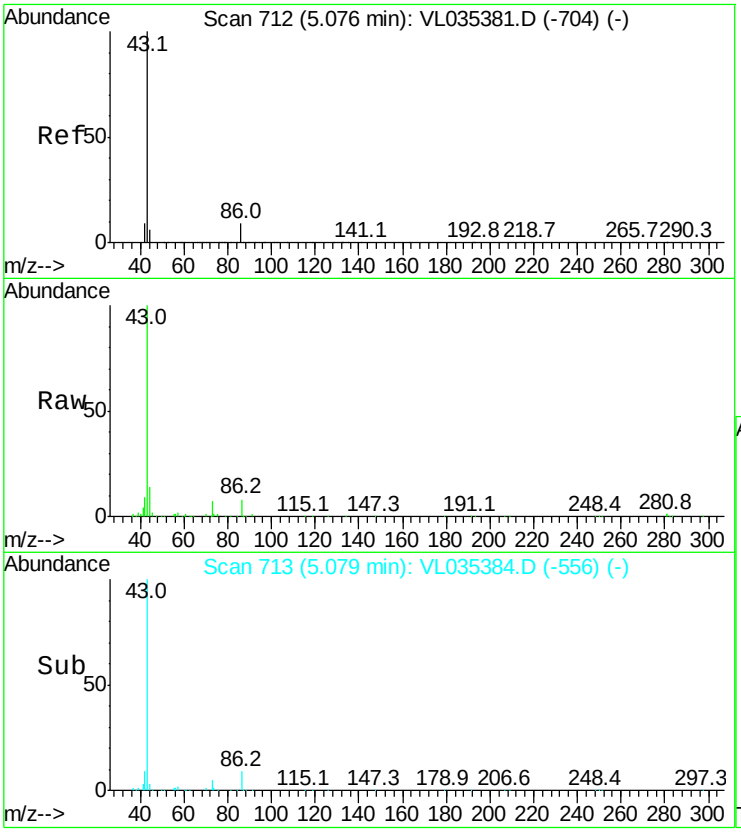


#22
trans-1,2-Dichloroethene
Concen: 0.463 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 96 Resp: 33769

Ion	Ratio	Lower	Upper
96	100		
61	174.8	131.8	197.6
98	63.3	49.6	74.4



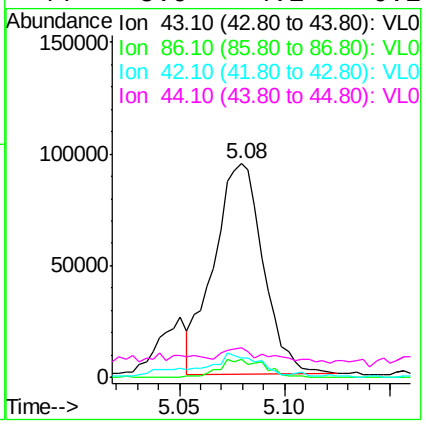


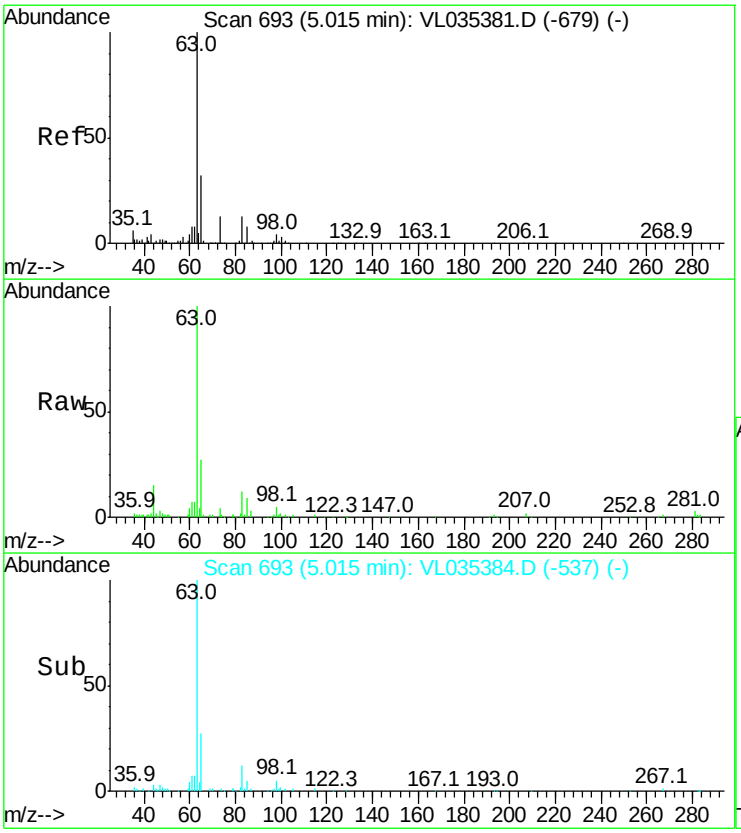
#23
Vinyl Acetate
Concen: 0.793 ppbv
RT: 5.08 min Scan# 713
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 153494

Ion	Ratio	Lower	Upper
43	100		
86	8.5	5.8	8.8
42	8.8	8.0	12.0
44	5.9	4.2	6.2

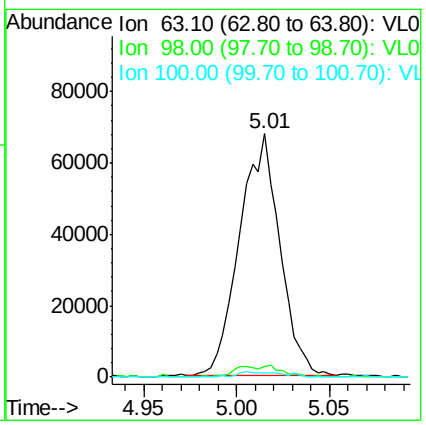


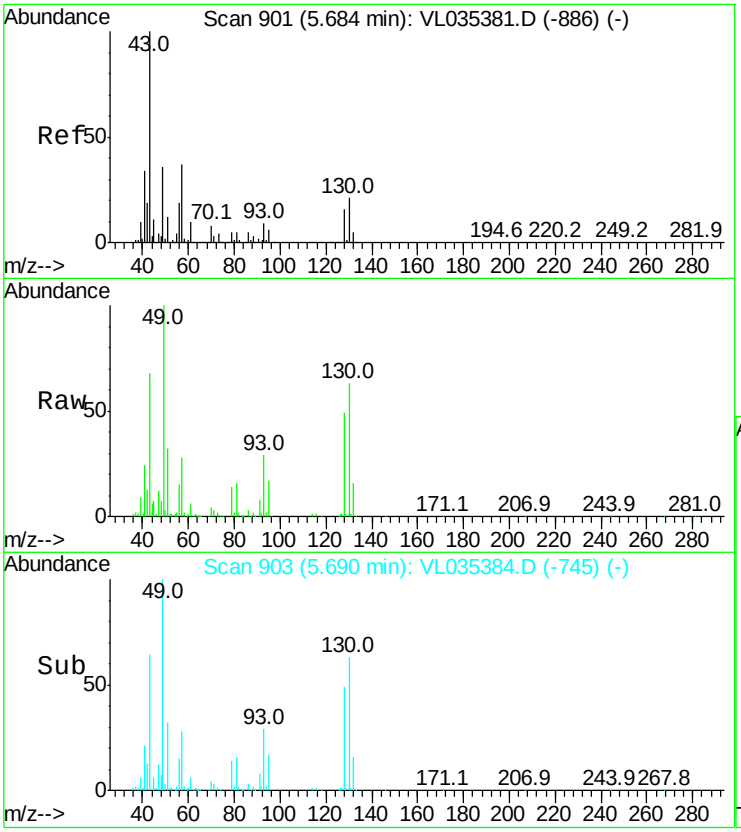


#24
1,1-Dichloroethane
Concen: 0.561 ppbv
RT: 5.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 63 Resp: 102190

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	1.7	1.4	4.0



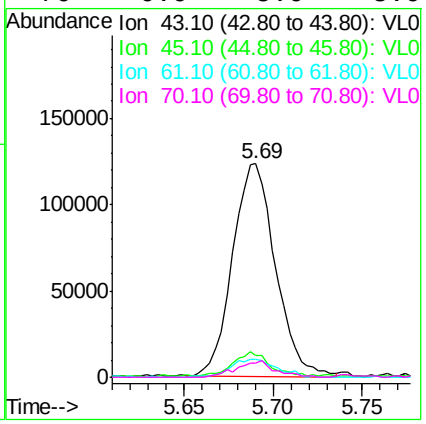


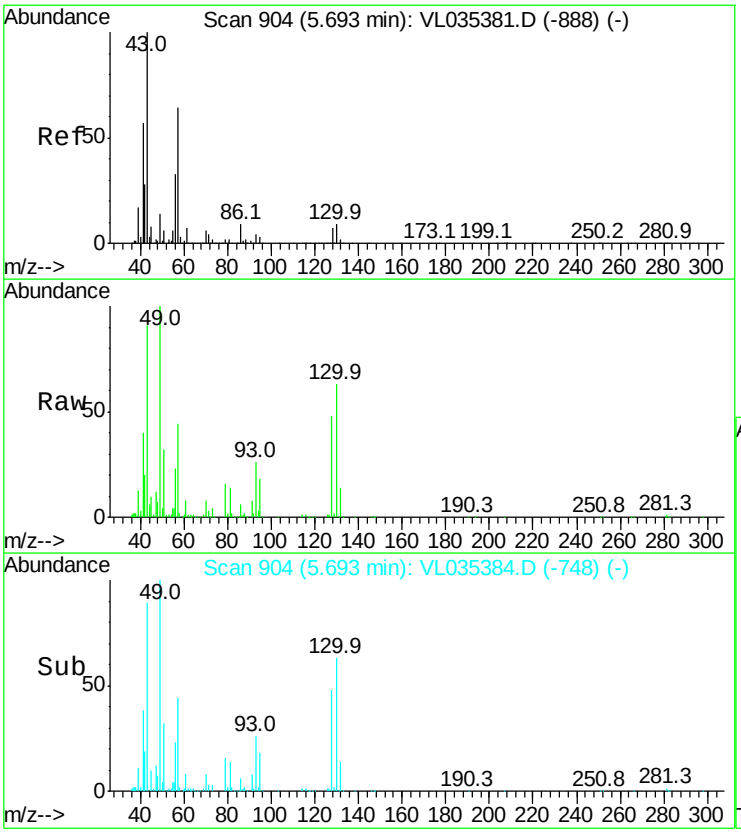
#25
Ethyl Acetate
Concen: 0.677 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 207738

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.0	12.0
61	9.2	7.4	11.2
70	6.9	5.9	8.9

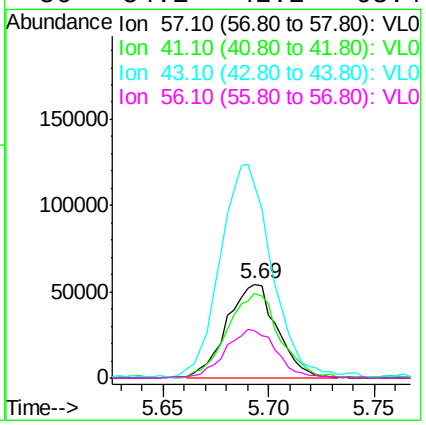


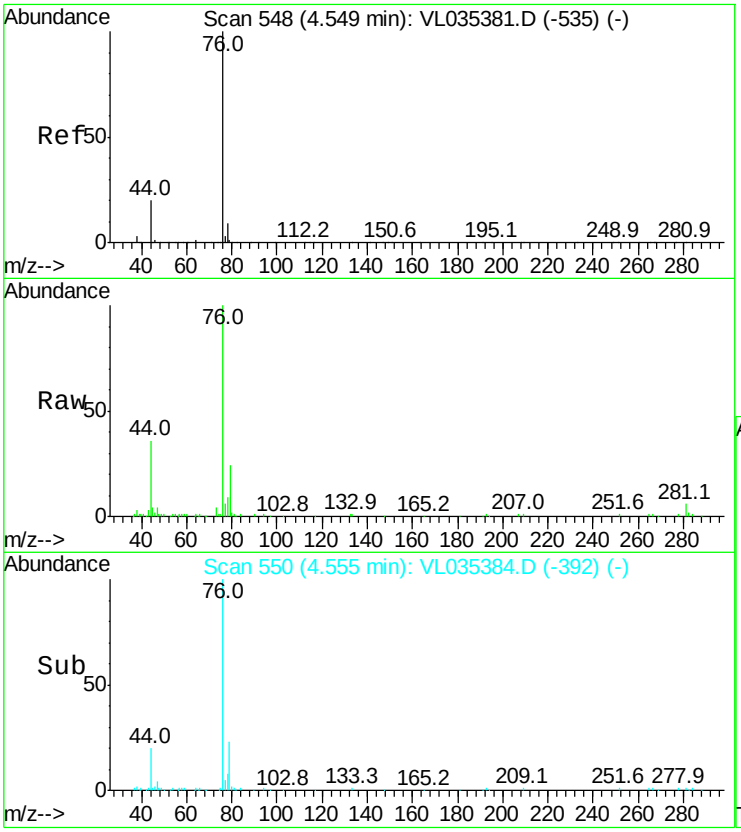


#26
Hexane
Concen: 0.669 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 57 Resp: 89094

Ion	Ratio	Lower	Upper
57	100		
41	96.2	75.4	113.2
43	234.4	184.1	276.1
56	54.1	42.2	63.4



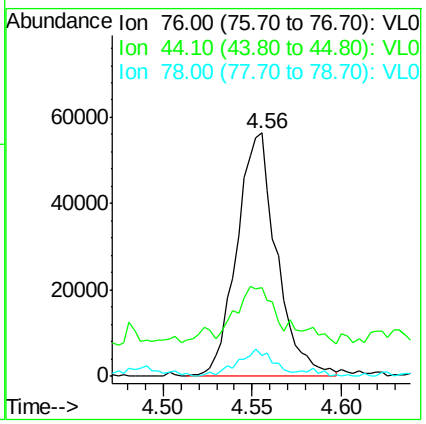


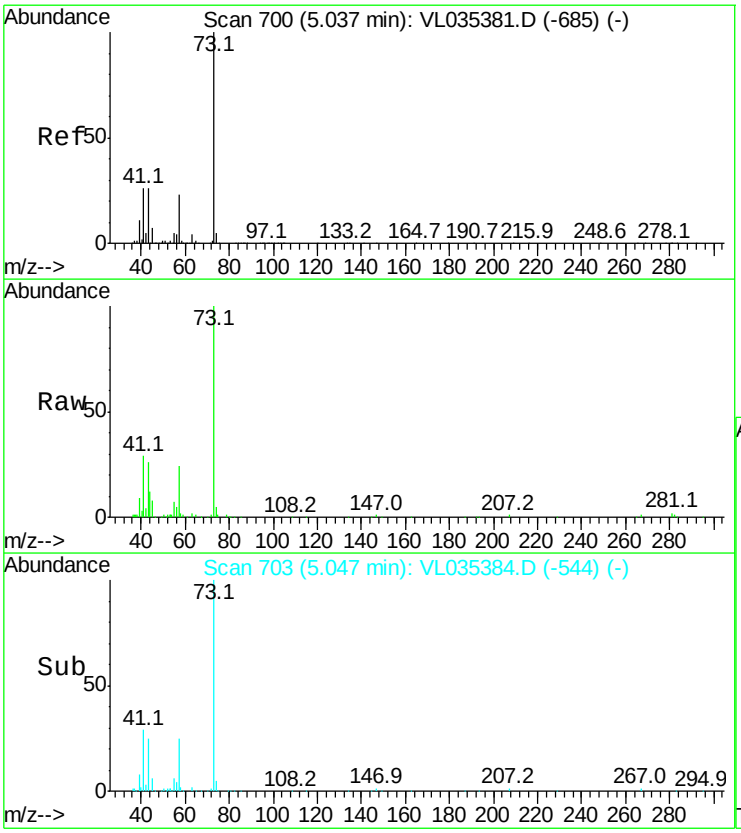
#27
Carbon Disulfide
Concen: 0.475 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 76 Resp: 88366

Ion	Ratio	Lower	Upper
76	100		
44	30.3	17.0	25.4#
78	11.8	7.5	11.3#

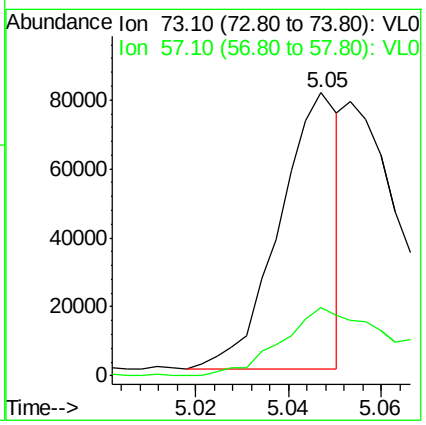


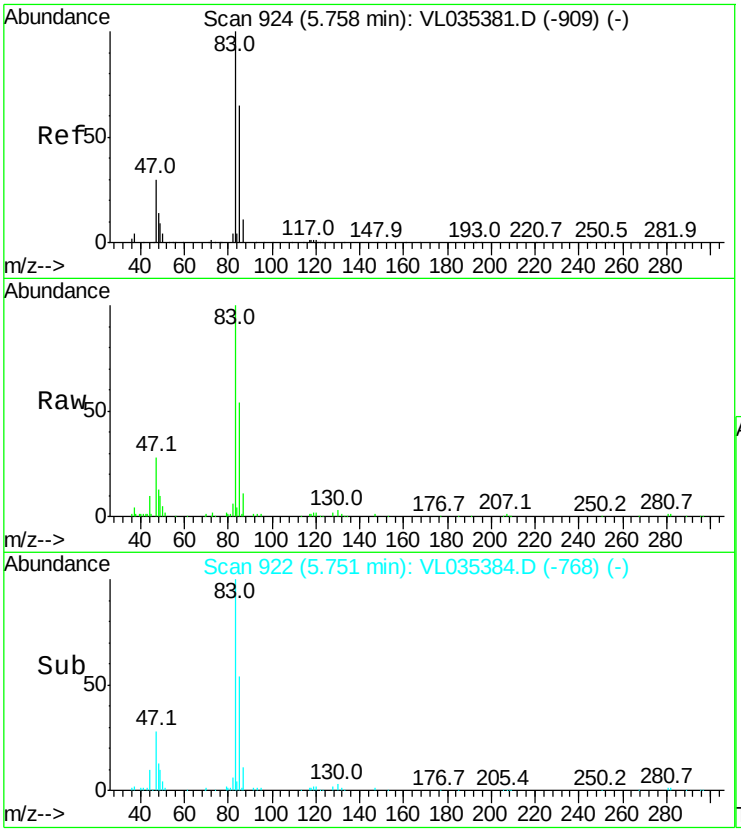


#28
Methyl tert-Butyl Ether
Concen: 0.368 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 73 Resp: 71238

Ion	Ratio	Lower	Upper
73	100		
57	47.4	19.0	28.4#



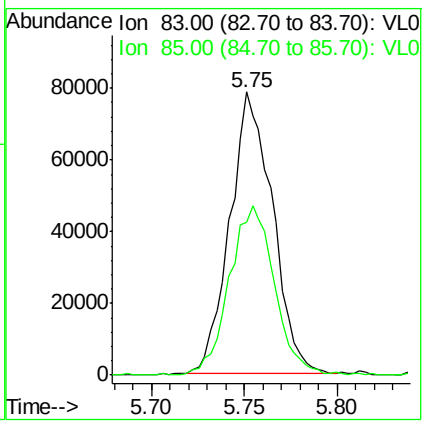


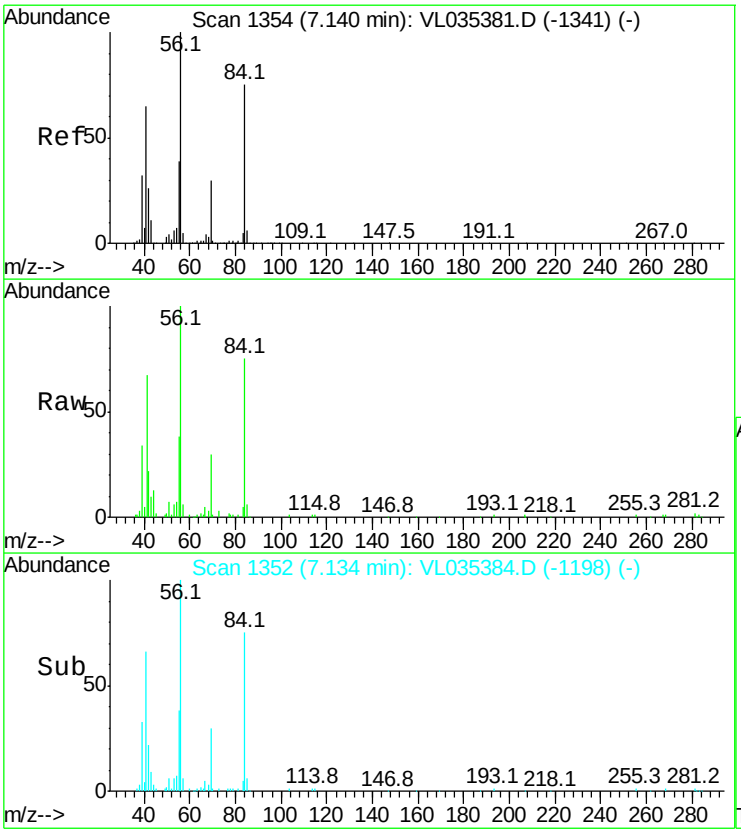
#29
Chloroform
Concen: 0.544 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 124913

Ion	Ratio	Lower	Upper
83	100		
85	53.4	51.7	77.5

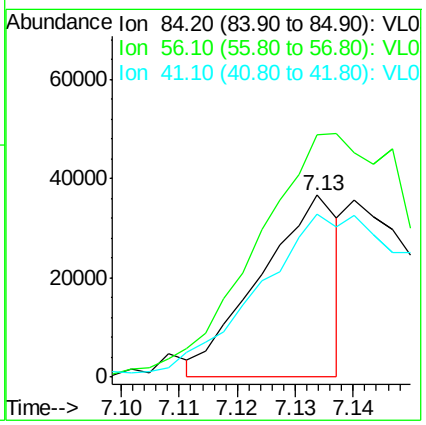


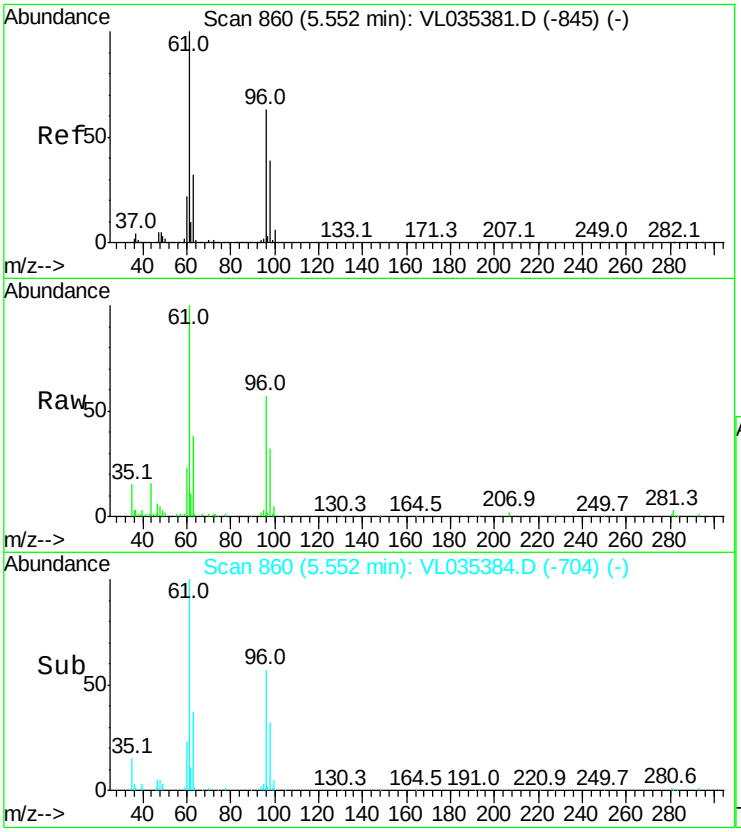


#30
Cyclohexane
Concen: 0.339 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 84 Resp: 34254

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.8	173.6#
41	194.8	71.4	107.0#



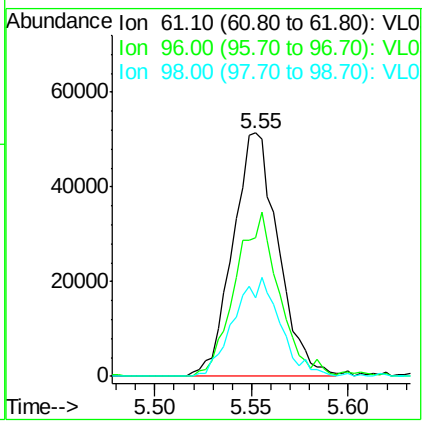


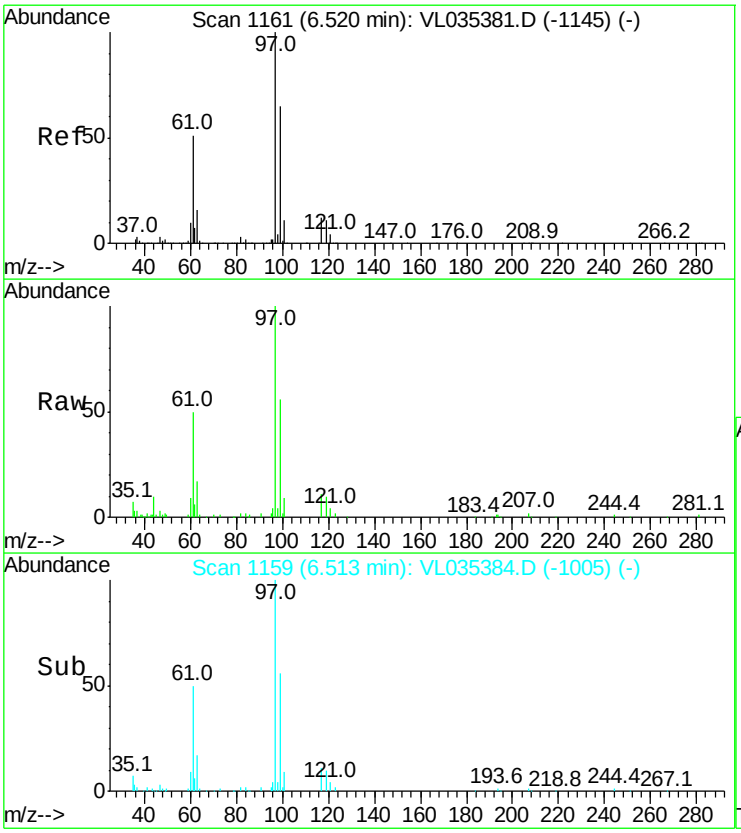
#31
cis-1,2-Dichloroethene
Concen: 0.710 ppbv
RT: 5.55 min Scan# 860
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 83985

Ion	Ratio	Lower	Upper
61	100		
96	56.5	50.5	75.7
98	32.3	31.5	47.3

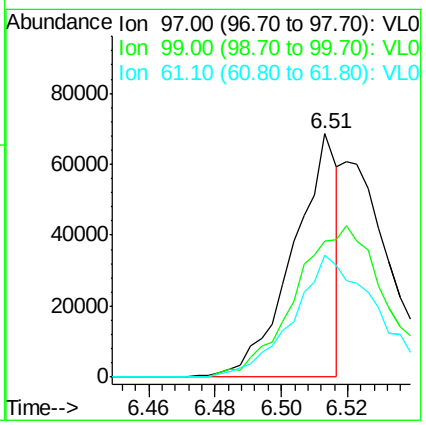


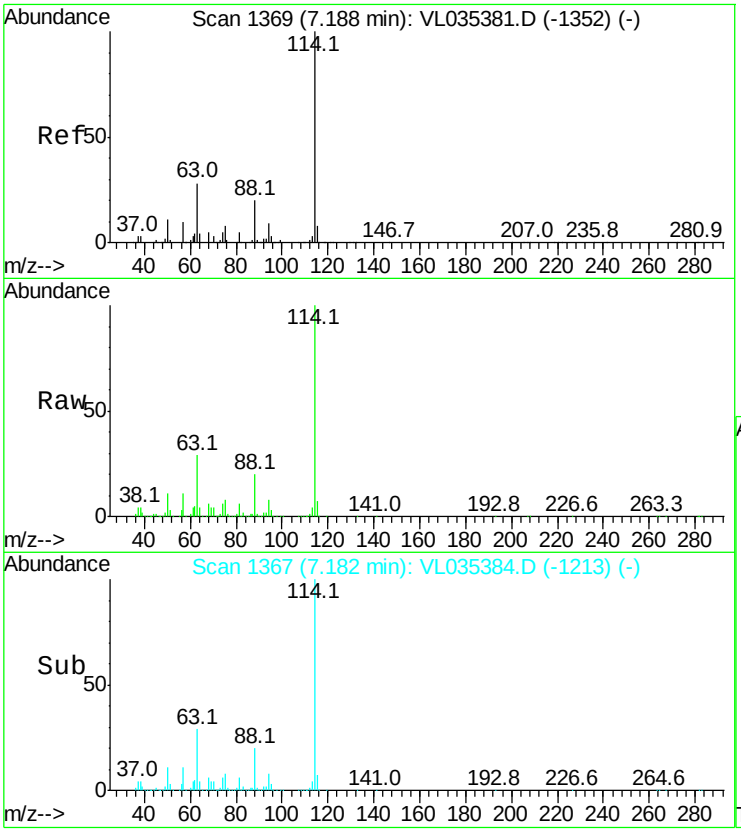


#32
1,1,1-Trichloroethane
Concen: 0.265 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 97 Resp: 64024

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	93.6	39.6	59.4#



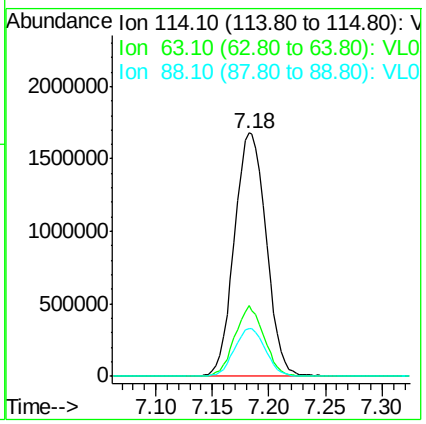


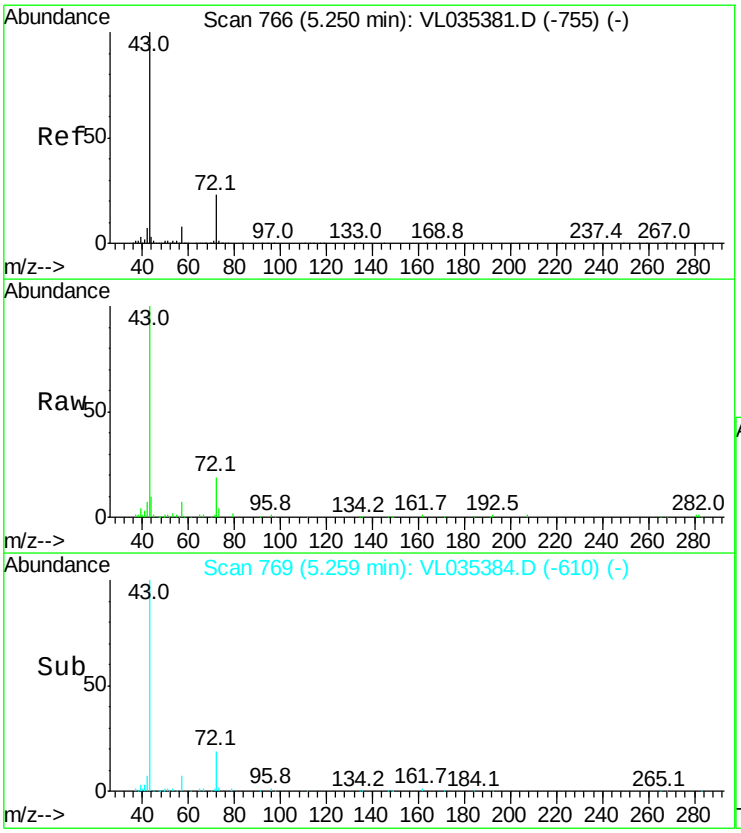
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 3295437

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.5	32.3
88	19.2	15.6	23.4

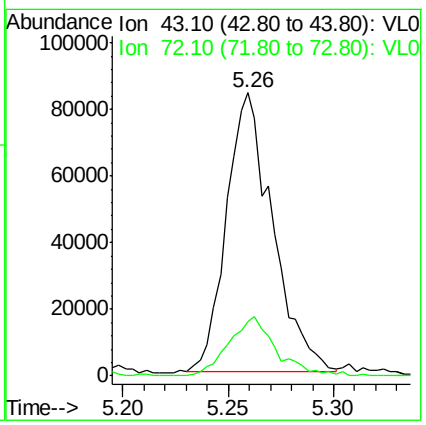


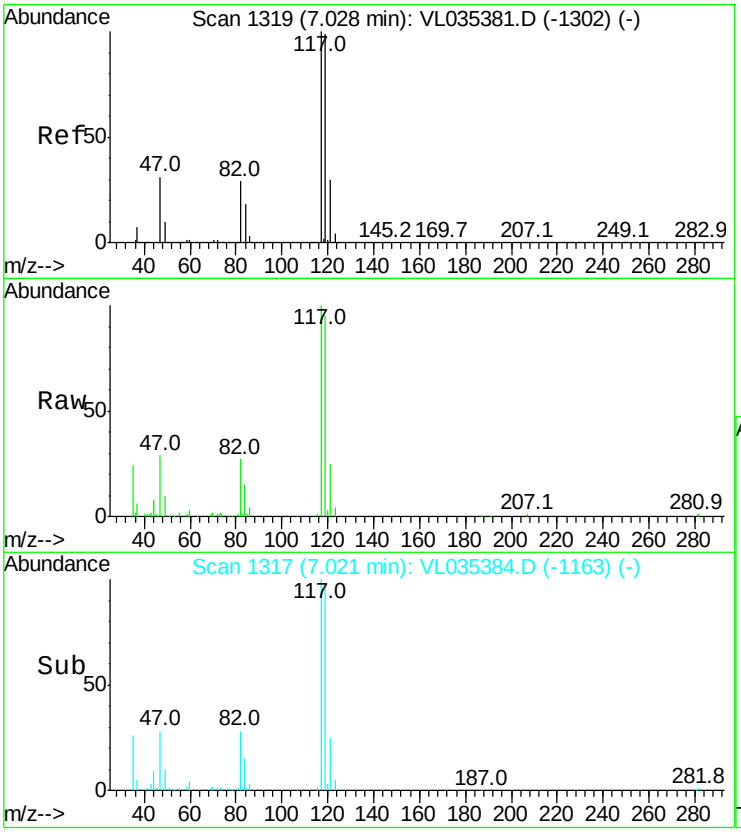


#34
2-Butanone
Concen: 0.784 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 43 Resp: 127260

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.7	26.5



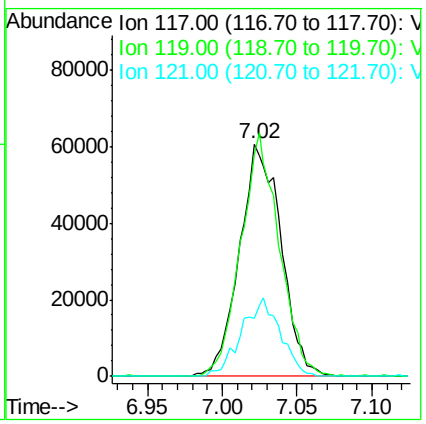


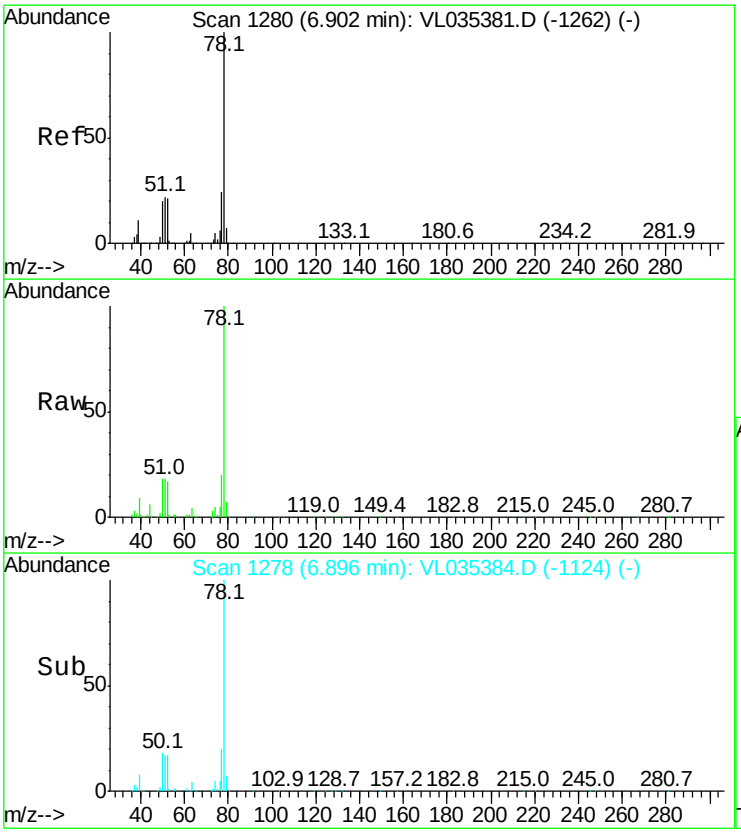
#35
Carbon Tetrachloride
Concen: 0.517 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:117 Resp: 117141

Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.0
121	25.2	24.3	36.5

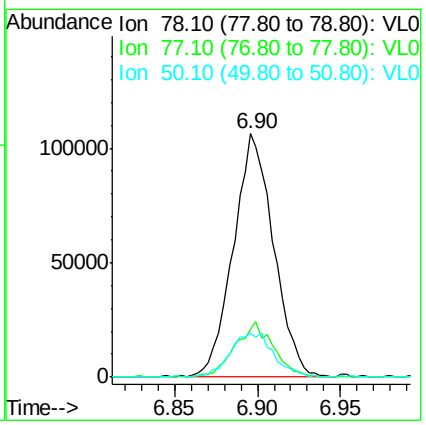


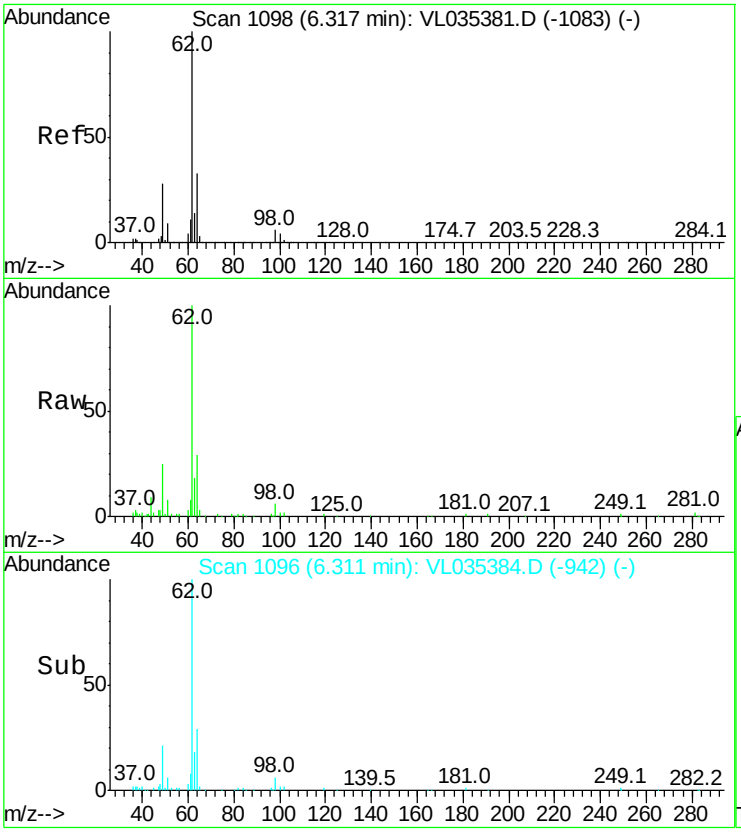


#36
Benzene
Concen: 0.807 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 78 Resp: 179501

Ion	Ratio	Lower	Upper
78	100		
77	19.8	19.1	28.7
50	18.2	15.8	23.6



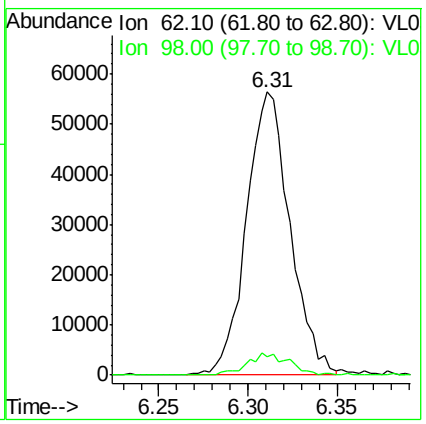


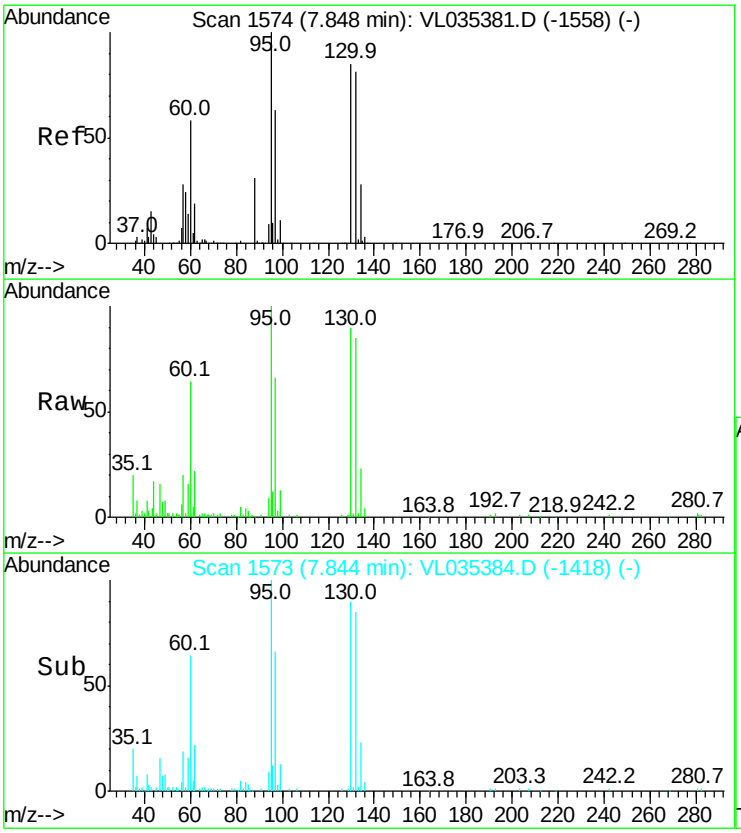
#37
1,2-Dichloroethane
Concen: 0.619 ppbv
RT: 6.31 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 62 Resp: 96287

Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.1	7.7

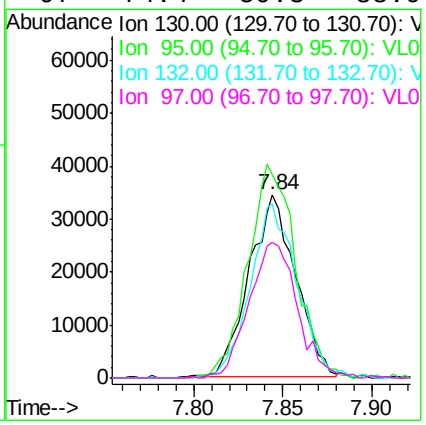


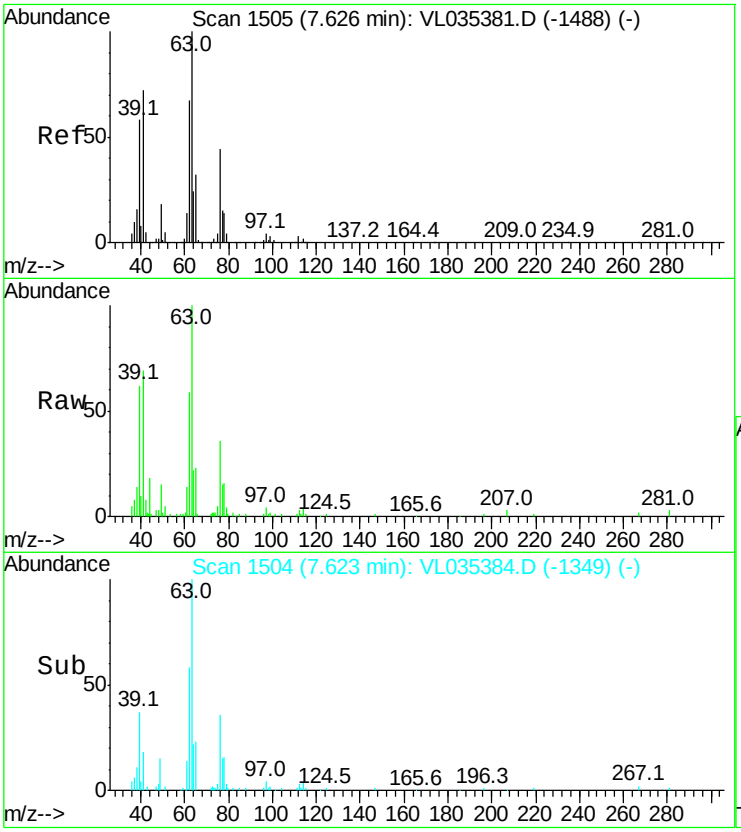


#38
Trichloroethene
Concen: 0.610 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:130 Resp: 62653

Ion	Ratio	Lower	Upper
130	100		
95	111.9	94.2	141.4
132	95.5	76.6	114.8
97	74.4	59.3	88.9



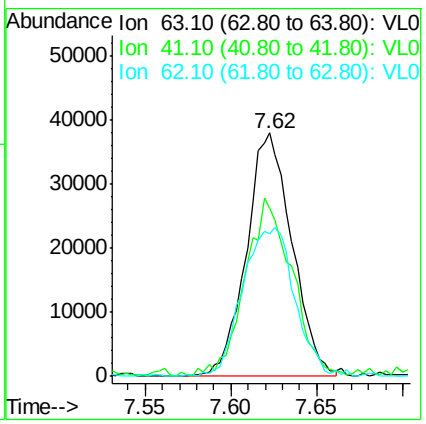


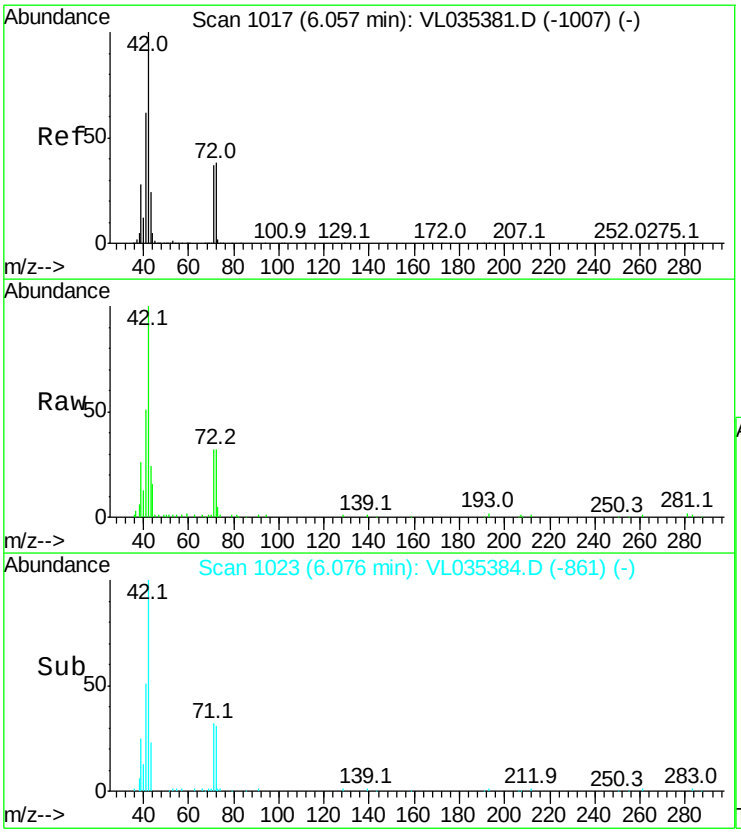
#39
1,2-Dichloropropane
Concen: 0.778 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 70045

Ion	Ratio	Lower	Upper
63	100		
41	67.8	57.4	86.2
62	58.1	53.6	80.4

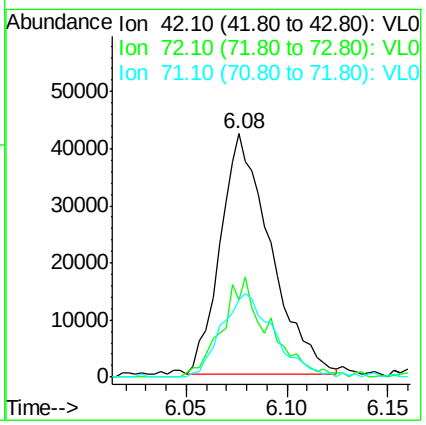


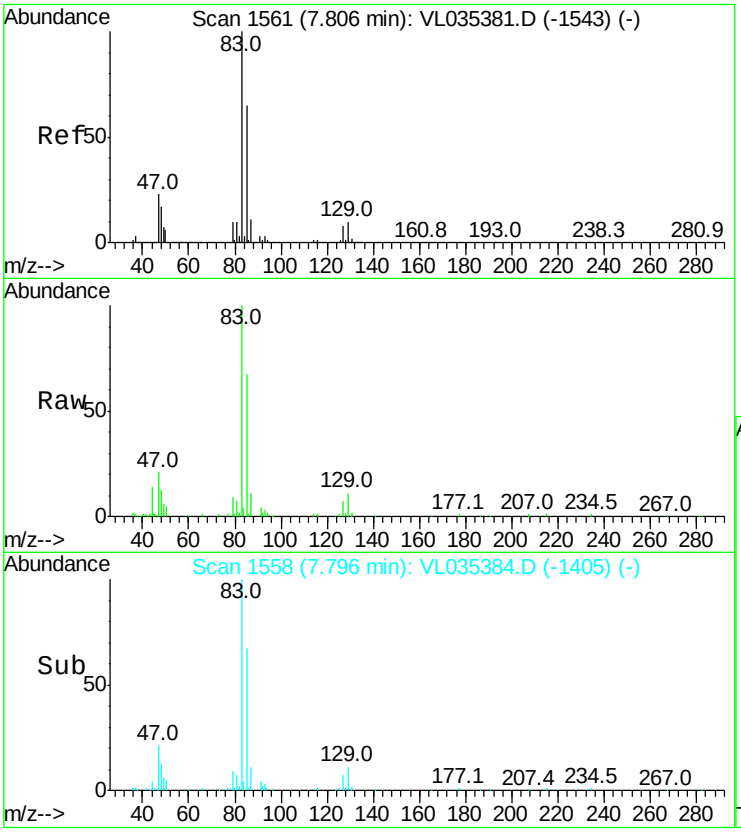


#41
Tetrahydrofuran
Concen: 0.917 ppbv
RT: 6.08 min Scan# 1023
Delta R.T. 0.02 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 42 Resp: 73030

Ion	Ratio	Lower	Upper
42	100		
72	39.1	30.2	45.2
71	37.1	28.6	42.8



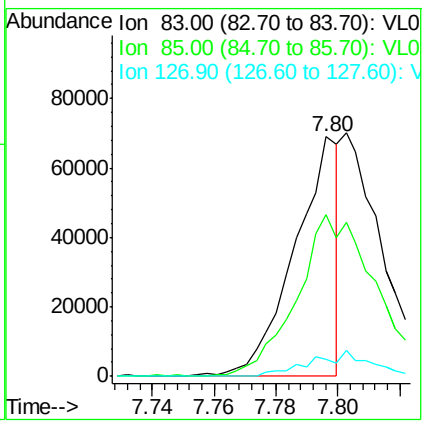


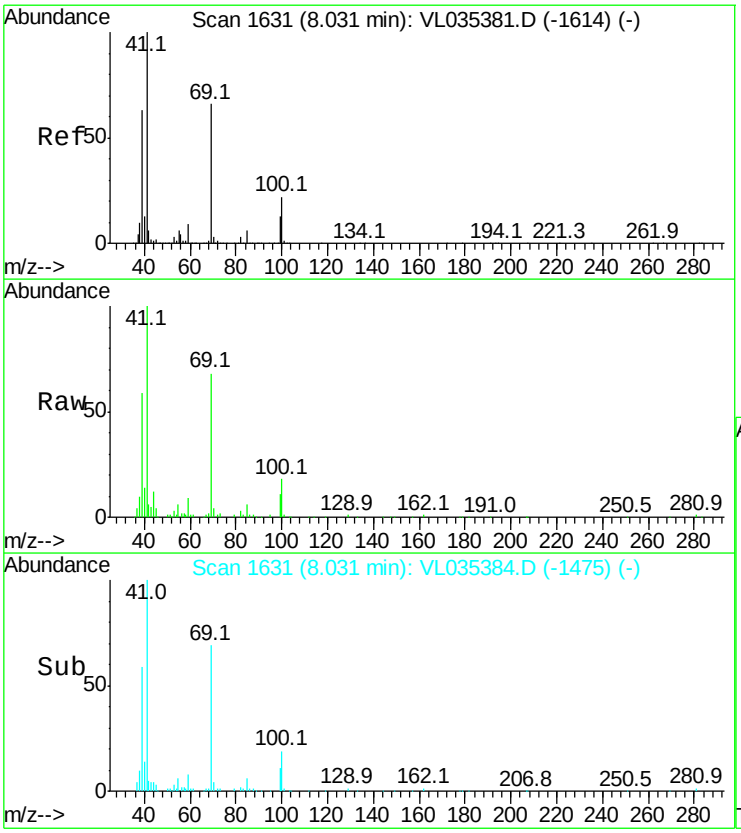
#42
Bromodichloromethane
Concen: 0.325 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 83 Resp: 67896

Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.2	78.4
127	7.2	6.3	9.5

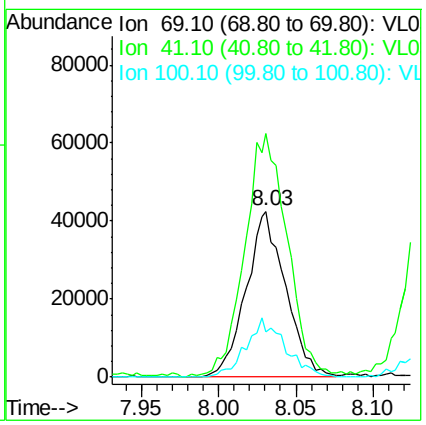


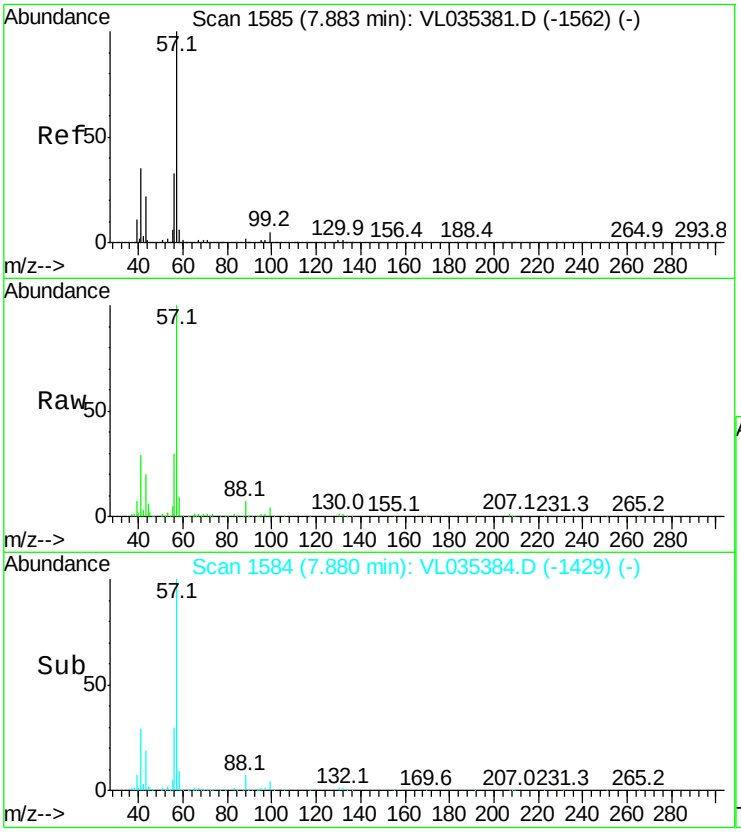


#43
Methyl Methacrylate
Concen: 0.807 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 69 Resp: 75508

Ion	Ratio	Lower	Upper
69	100		
41	157.1	123.4	185.2
100	35.1	26.7	40.1



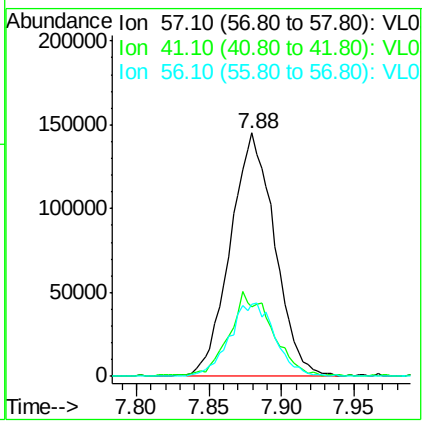


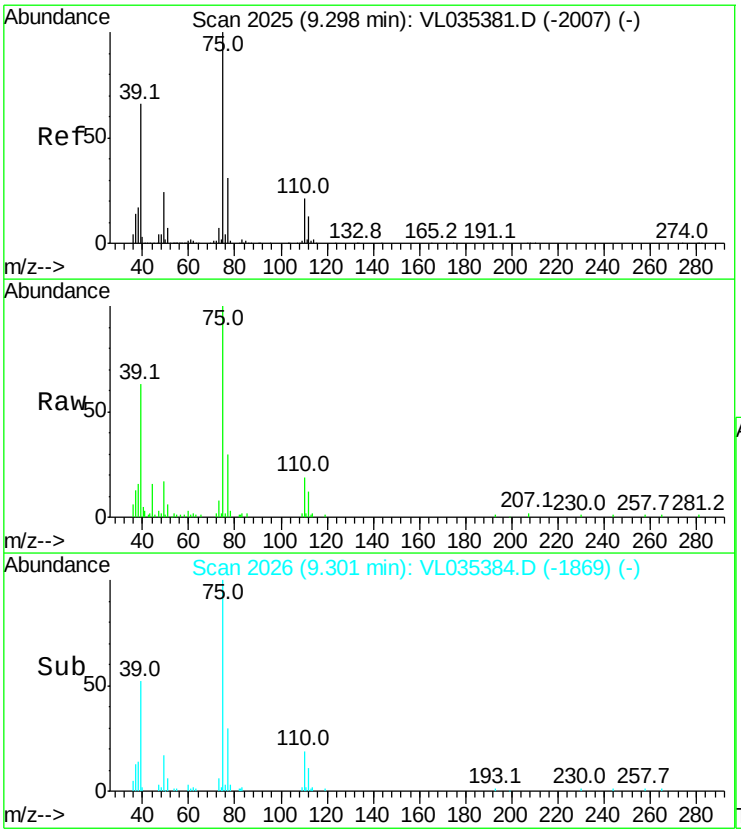
#44
2,2,4-Trimethylpentane
Concen: 0.775 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 306560

Ion	Ratio	Lower	Upper
57	100		
41	33.3	26.9	40.3
56	31.5	25.6	38.4

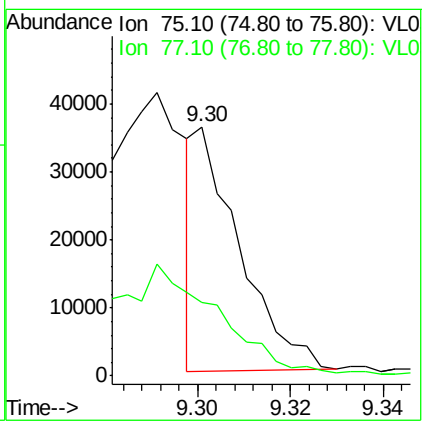


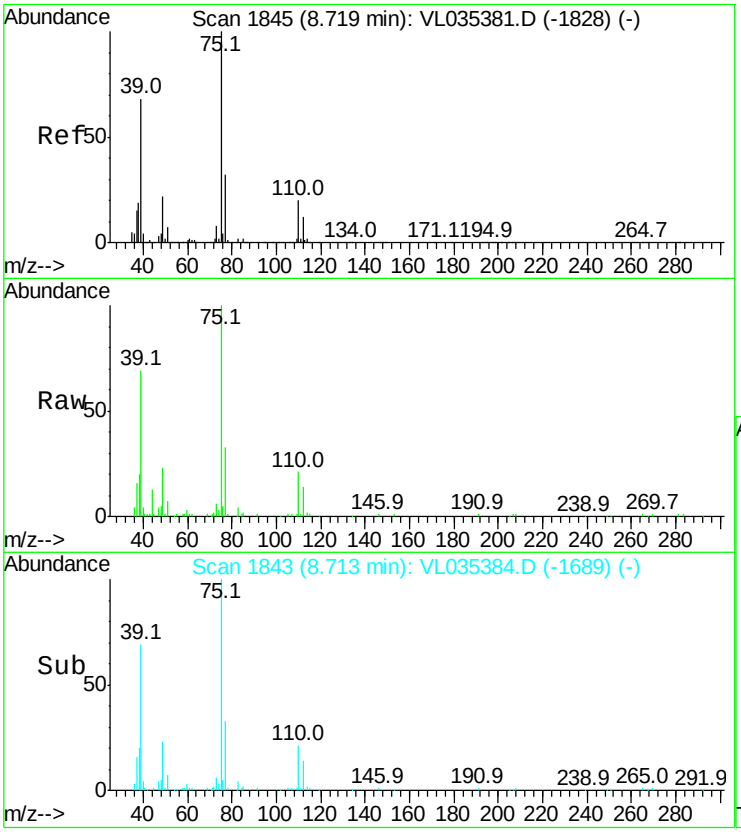


#45
t-1,3-Dichloropropene
Concen: 0.245 ppbv
RT: 9.30 min Scan# 2026
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 75 Resp: 23839

Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.2	37.8



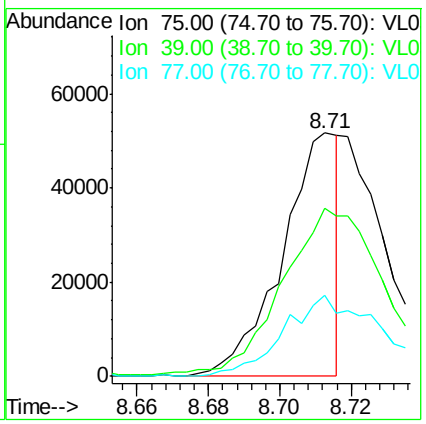


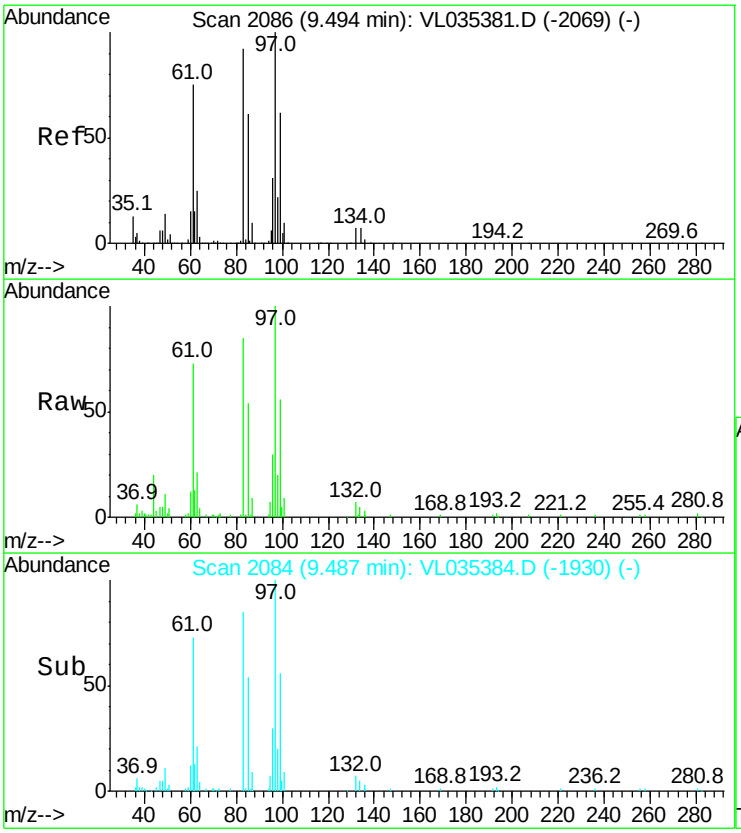
#46
cis-1,3-Dichloropropene
Concen: 0.483 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 56593

Ion	Ratio	Lower	Upper
75	100		
39	67.1	54.2	81.2
77	33.2	25.7	38.5

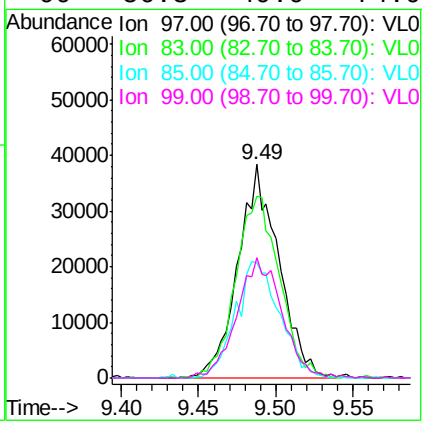


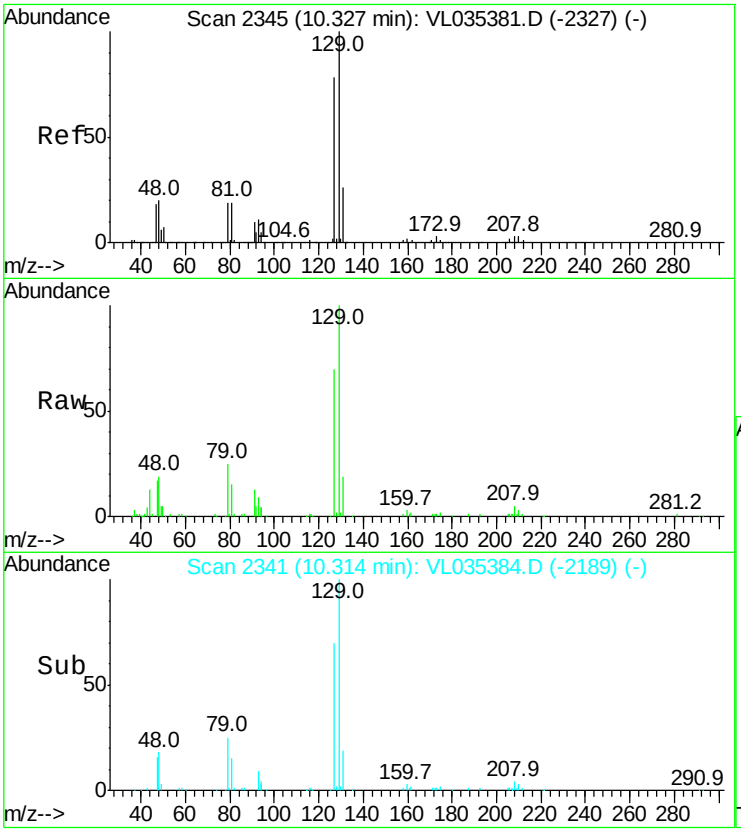


#47
1,1,2-Trichloroethane
Concen: 0.648 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 97 Resp: 70242

Ion	Ratio	Lower	Upper
97	100		
83	85.1	73.9	110.9
85	53.9	49.0	73.6
99	56.3	49.9	74.9



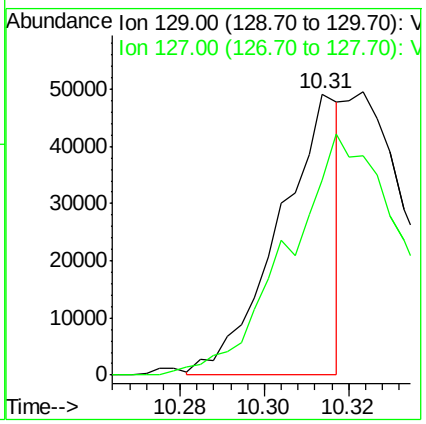


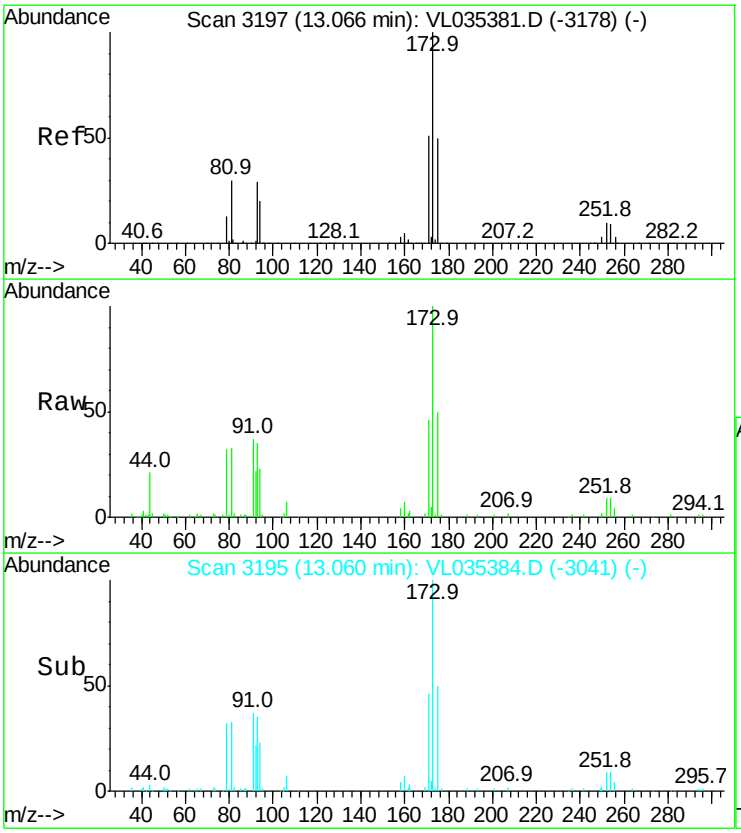
#48
Dibromochloromethane
Concen: 0.275 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 48778

Ion	Ratio	Lower	Upper
129	100		
127	166.3	39.3	117.8#

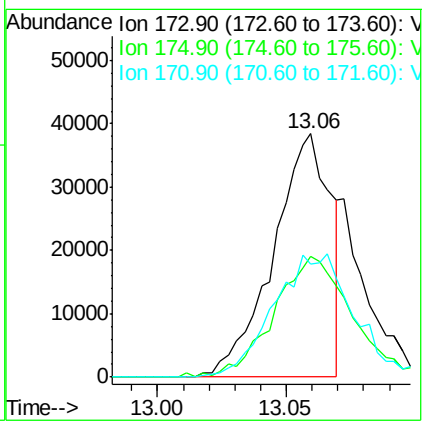


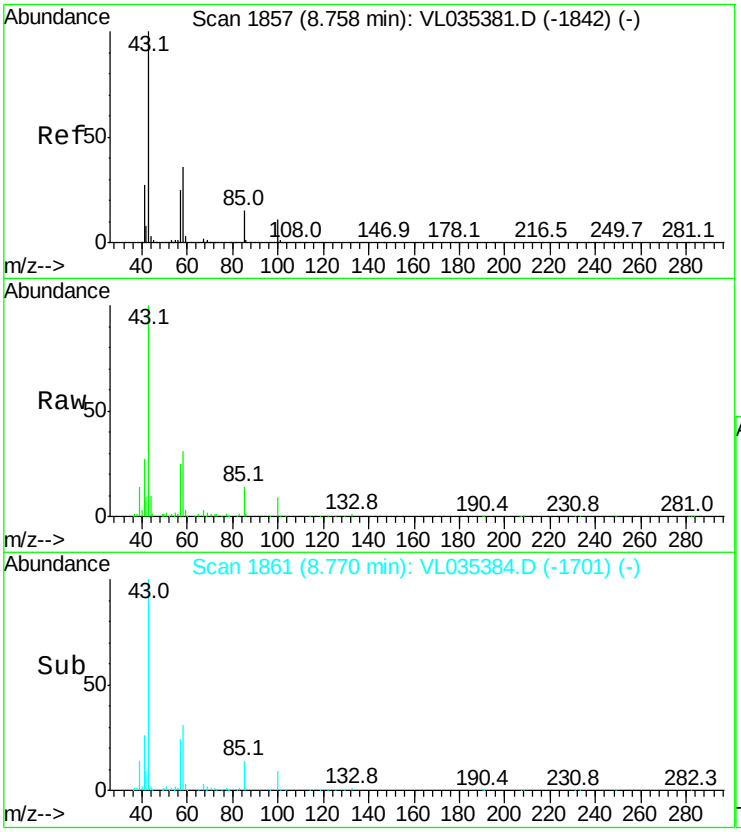


#49
Bromoform
Concen: 0.367 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:173 Resp: 59371

Ion	Ratio	Lower	Upper
173	100		
175	67.2	39.9	59.9#
171	0.0	41.8	62.8#



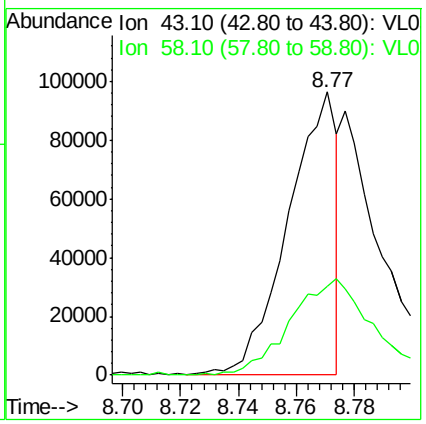


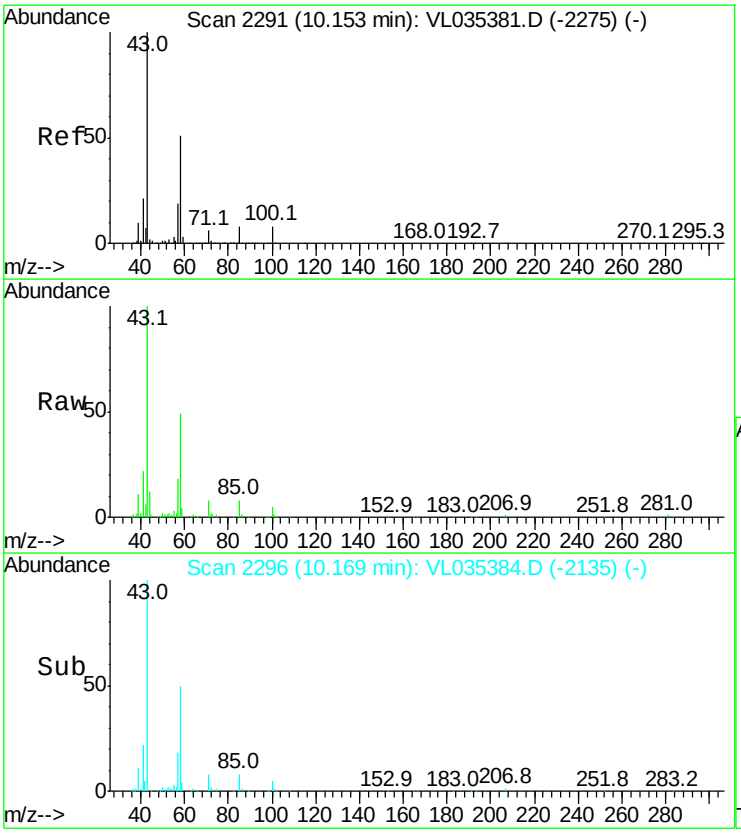
#50
4-Methyl-2-Pentanone
Concen: 0.451 ppbv
RT: 8.77 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 111640

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6#

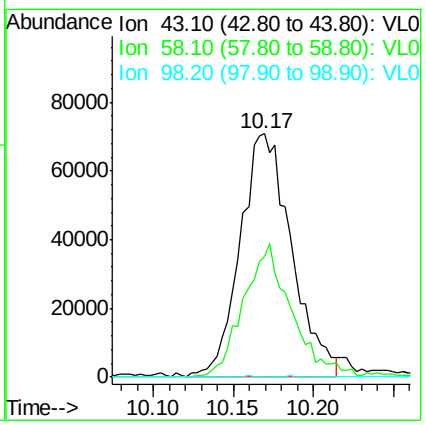


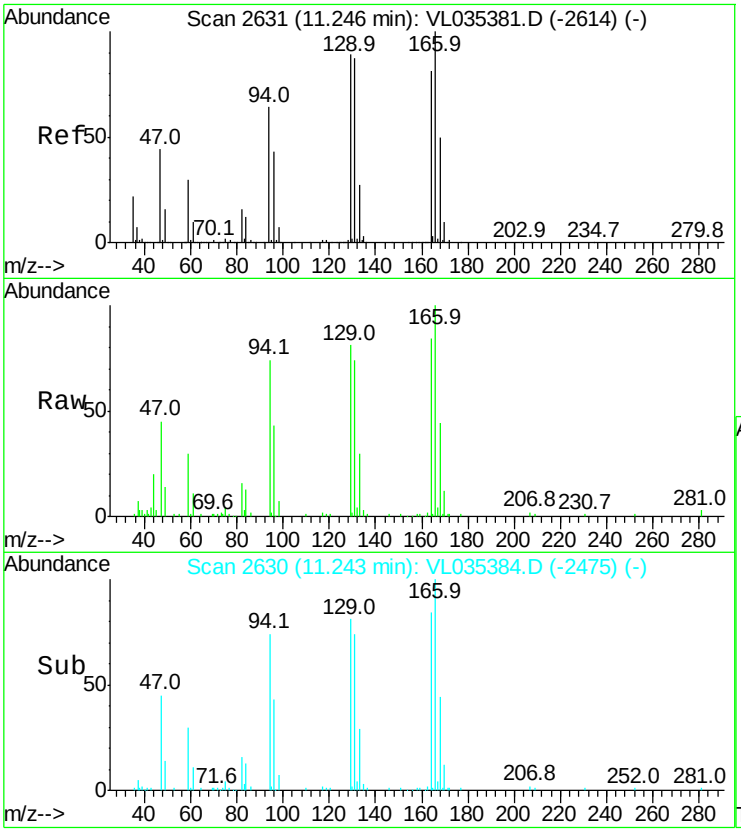


#51
2-Hexanone
Concen: 0.809 ppbv
RT: 10.17 min Scan# 2296
Delta R.T. 0.02 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 43 Resp: 157065

Ion	Ratio	Lower	Upper
43	100		
58	51.9	39.5	59.3
98	0.3	0.1	0.1#



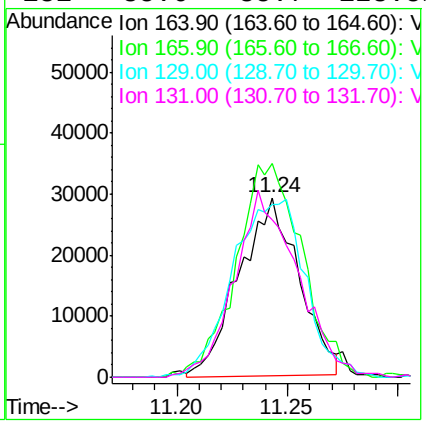


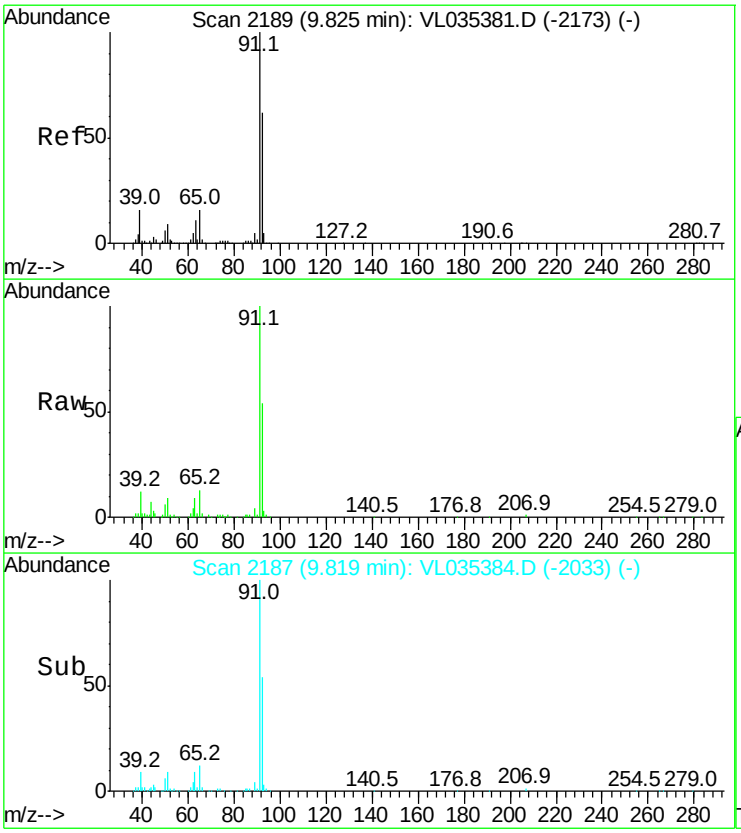
#52
Tetrachloroethene
Concen: 0.623 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:164 Resp: 54941

Ion	Ratio	Lower	Upper
164	100		
166	115.8	98.2	147.2
129	95.5	87.3	130.9
131	85.6	85.7	128.5#

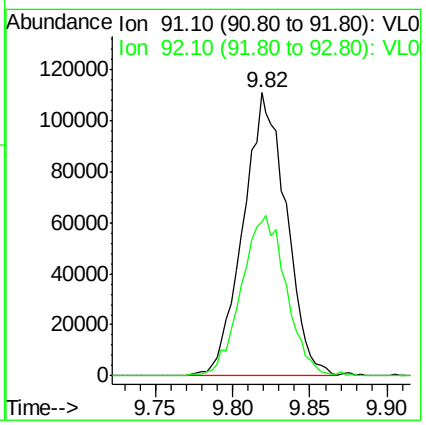


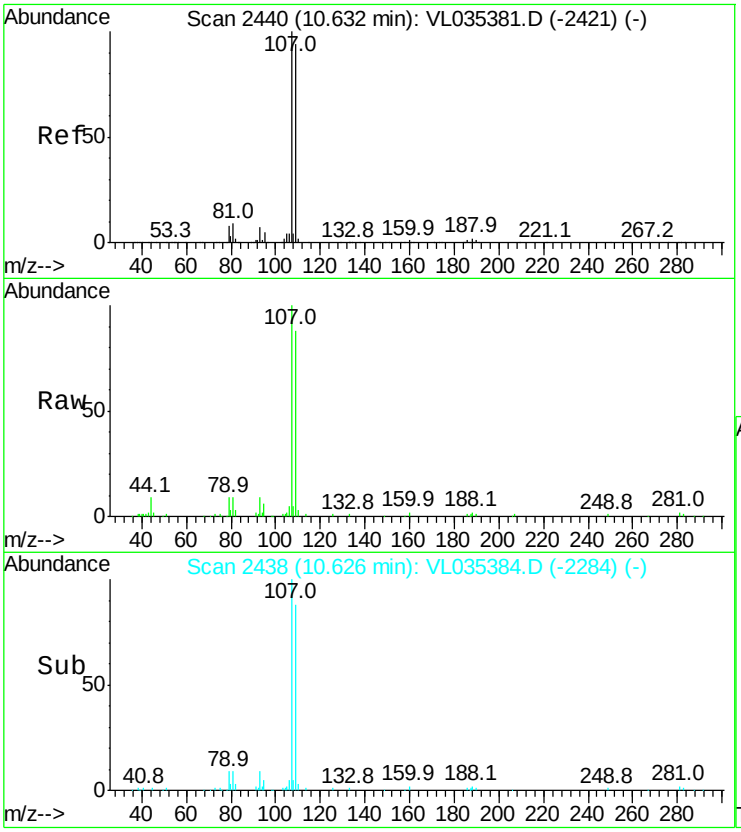


#53
Toluene
Concen: 0.887 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 91 Resp: 214638

Ion	Ratio	Lower	Upper
91	100		
92	59.2	49.1	73.7



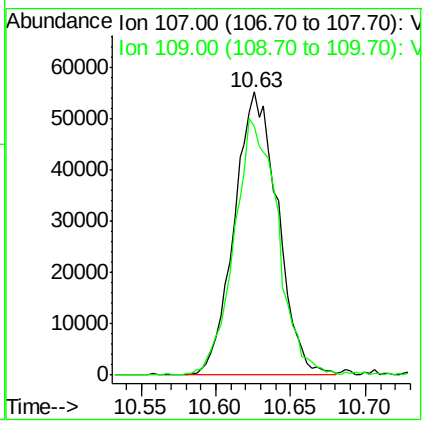


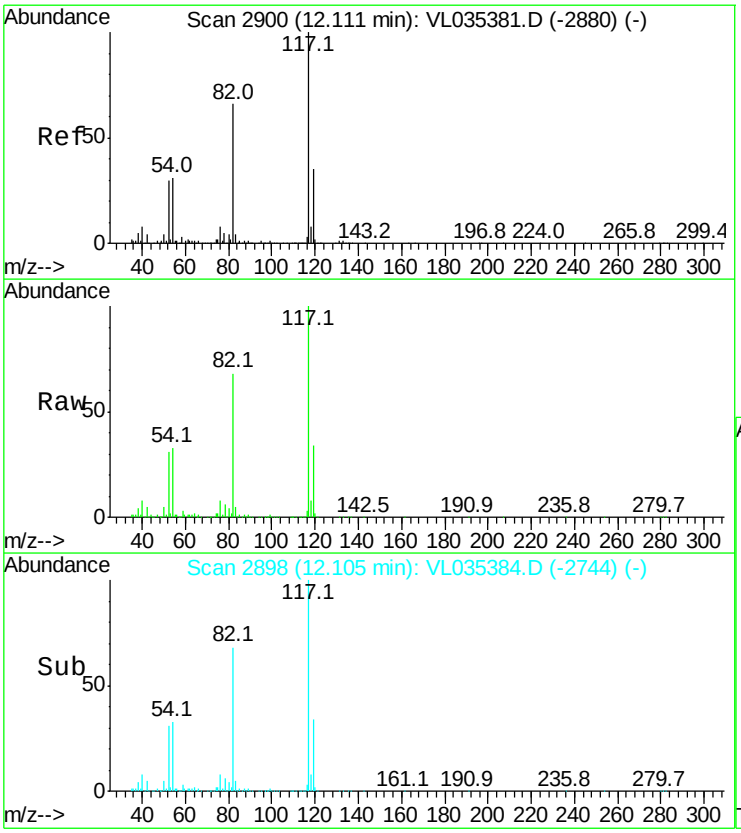
#54
1,2-Dibromoethane
Concen: 0.719 ppbv
RT: 10.63 min Scan# 2438
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:107 Resp: 111773

Ion	Ratio	Lower	Upper
107	100		
109	87.1	75.2	112.8

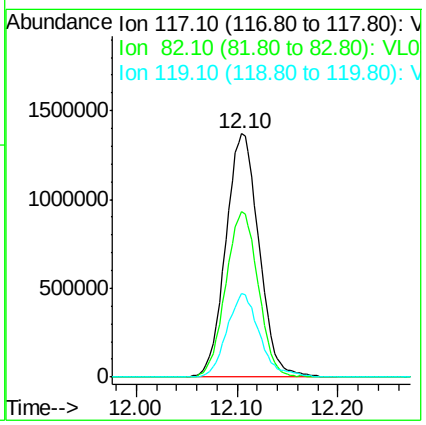


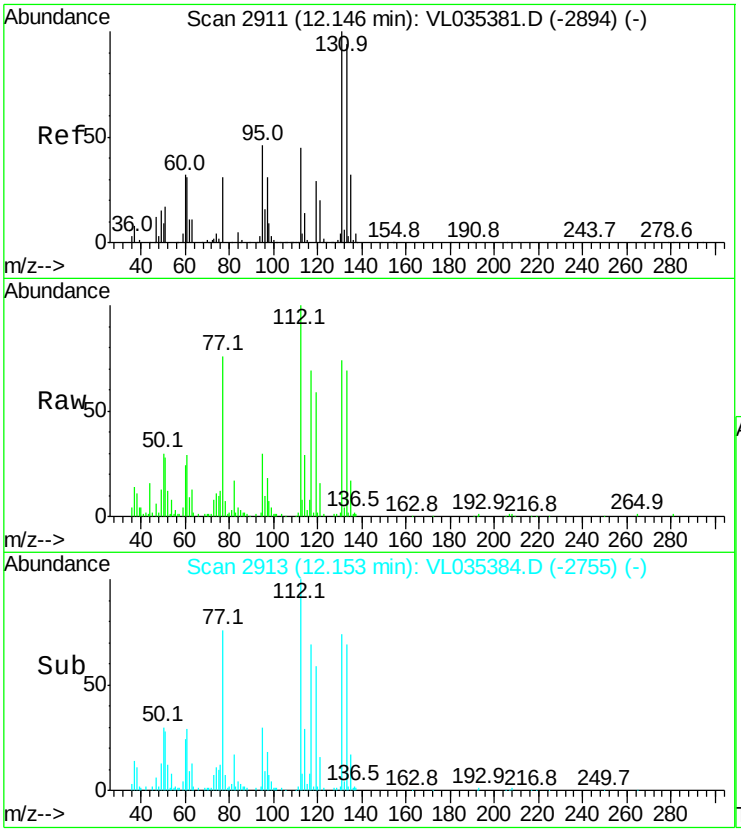


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:117 Resp: 3135801

Ion	Ratio	Lower	Upper
117	100		
82	67.0	53.0	79.6
119	34.1	25.7	38.5



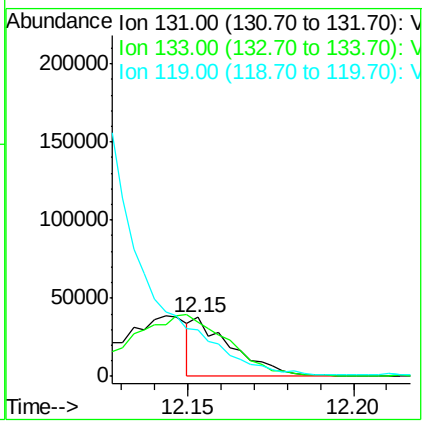


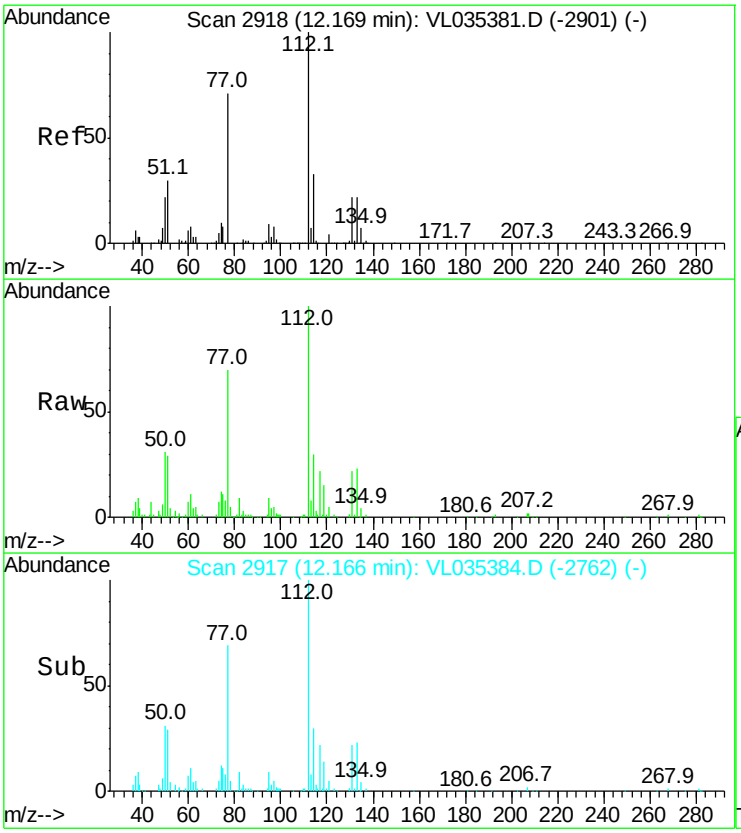
#56
1,1,1,2-Tetrachloroethane
Concen: 0.210 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 31079

Ion	Ratio	Lower	Upper
131	100		
133	270.8	76.1	114.1#
119	0.0	47.0	70.4#

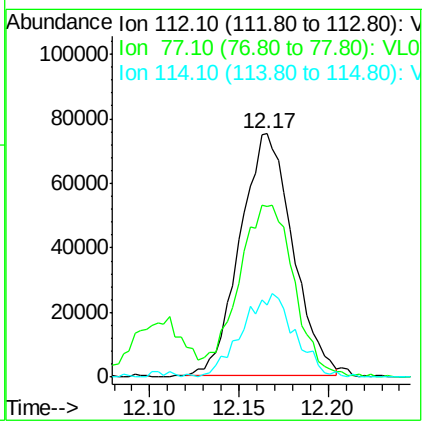


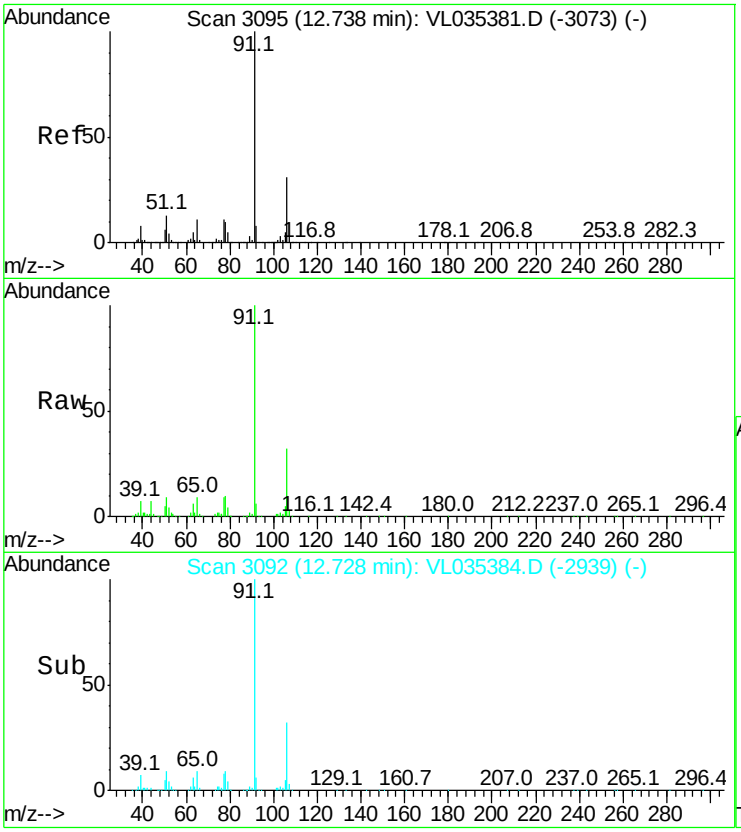


#57
Chlorobenzene
Concen: 0.655 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:112 Resp: 154667

Ion	Ratio	Lower	Upper
112	100		
77	67.9	57.6	86.4
114	28.6	30.0	36.6#



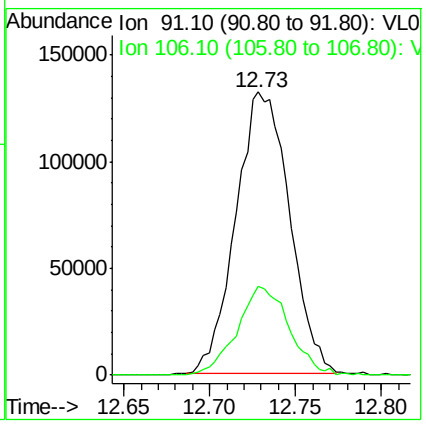


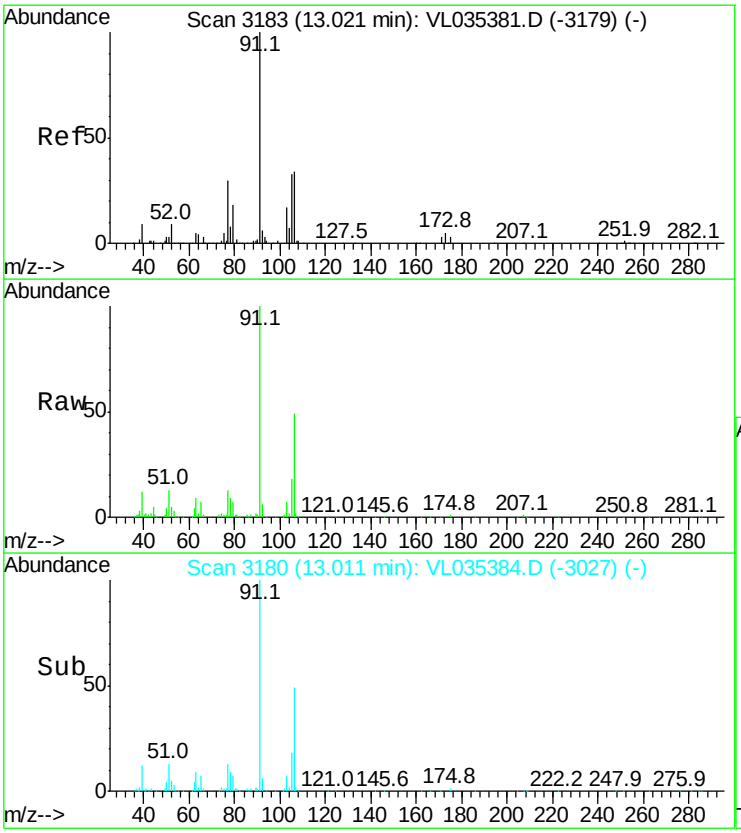
#58
Ethyl Benzene
Concen: 0.877 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 286095

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.1	37.7

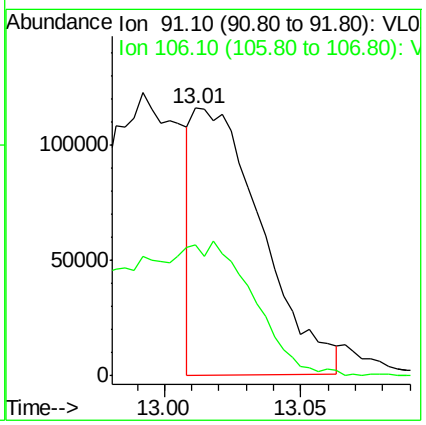


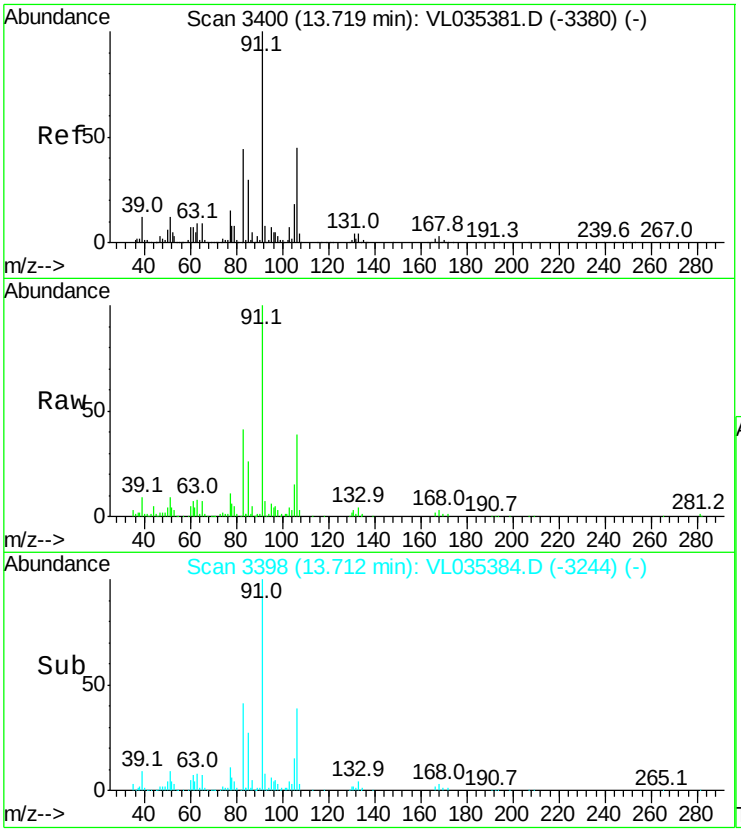


#59
m/p-Xylene
Concen: 0.665 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 91 Resp: 202001

Ion	Ratio	Lower	Upper
91	100		
106	105.9	36.7	55.1#



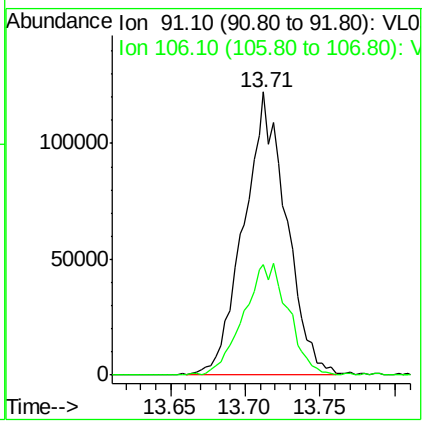


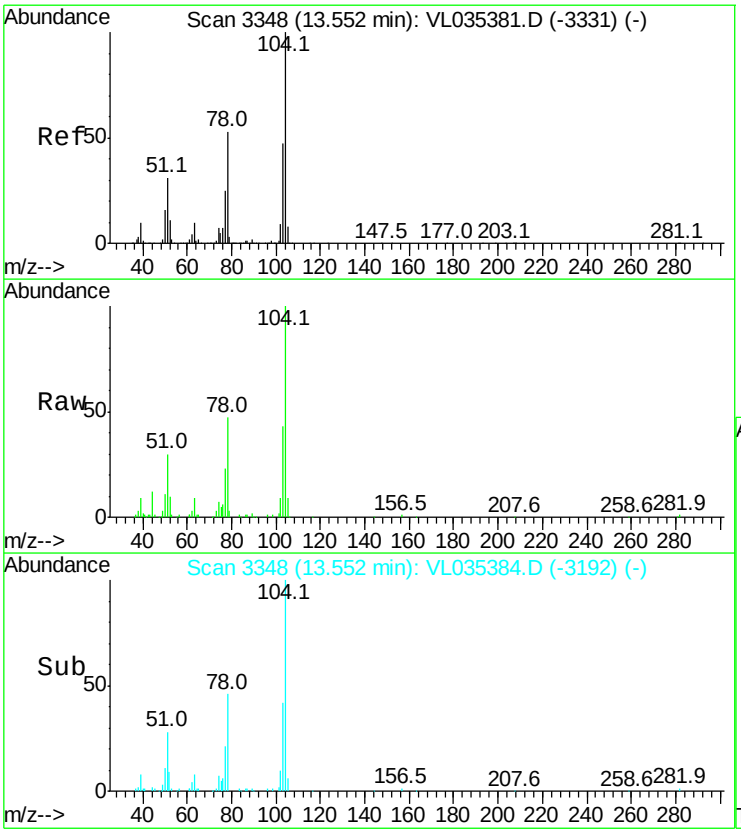
#60
o-Xylene
Concen: 0.796 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 240103

Ion	Ratio	Lower	Upper
91	100		
106	42.2	22.2	66.6

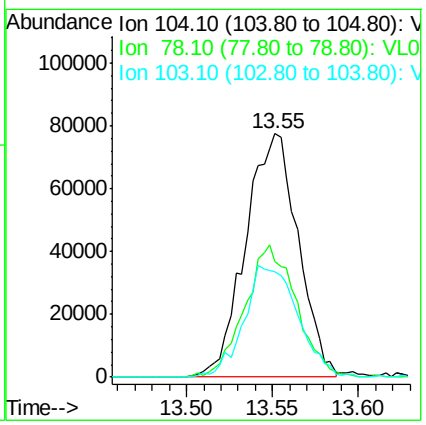


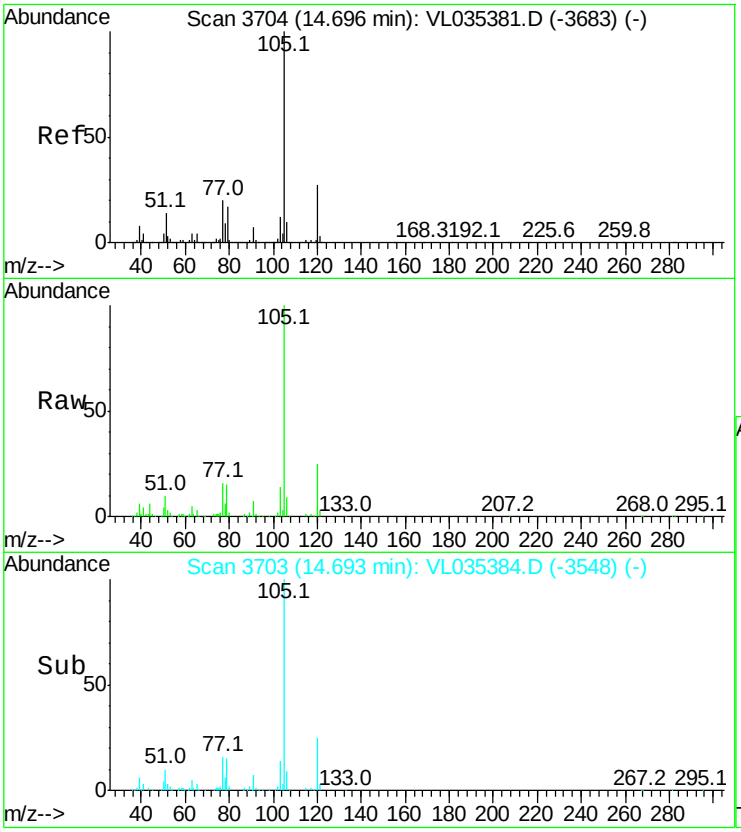


#61
Styrene
Concen: 0.892 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:104 Resp: 164195

Ion	Ratio	Lower	Upper
104	100		
78	53.2	43.0	64.4
103	46.9	37.9	56.9



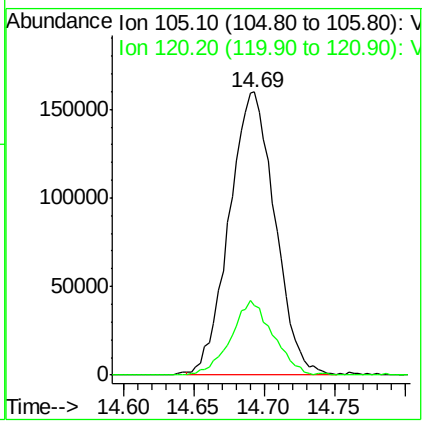


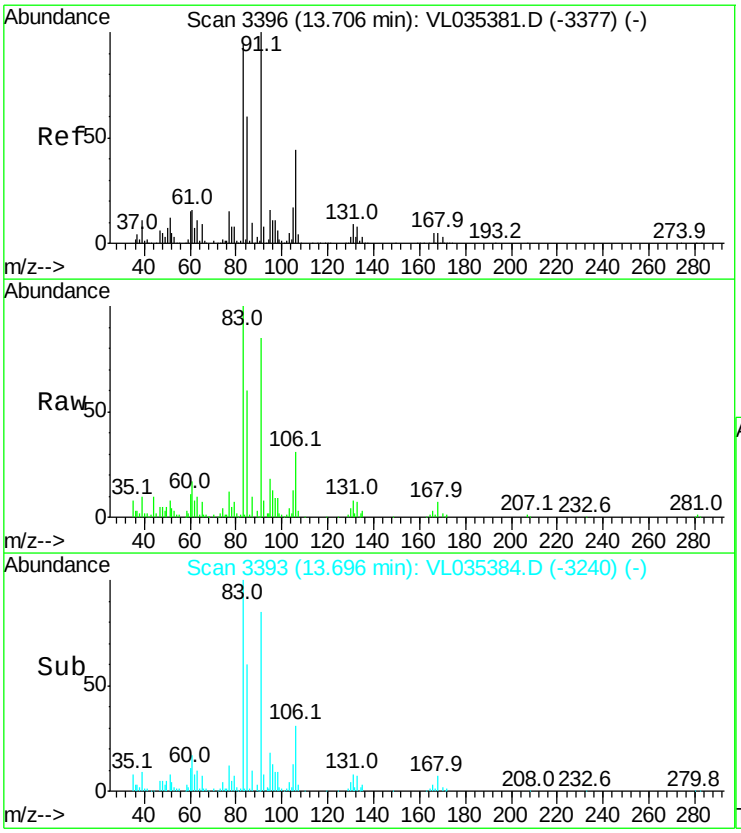
#62
Isopropylbenzene
Concen: 0.789 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 358291

Ion	Ratio	Lower	Upper
105	100		
120	24.8	21.1	31.7

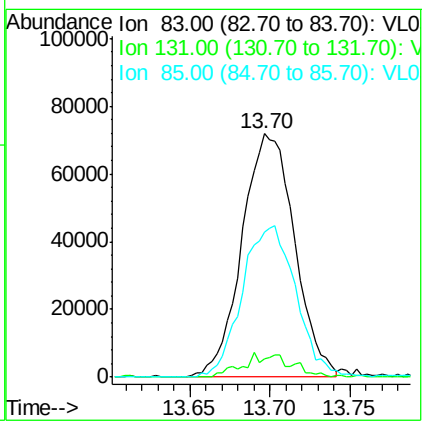


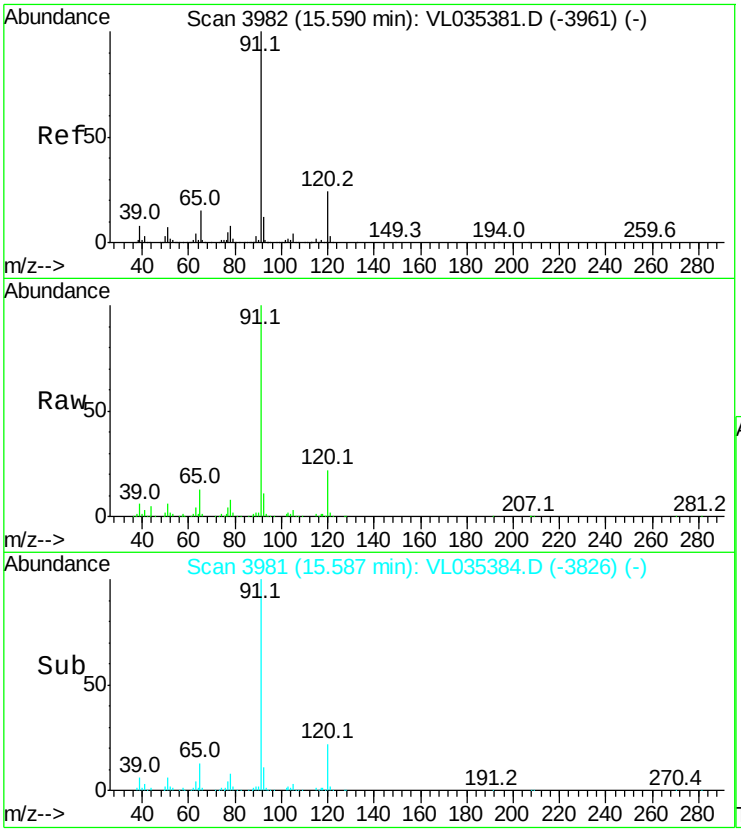


#63
1,1,2,2-Tetrachloroethane
Concen: 0.631 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 83 Resp: 162200

Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.5	13.7
85	64.1	32.4	97.0



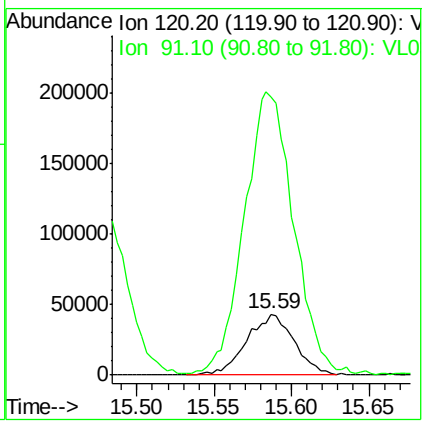


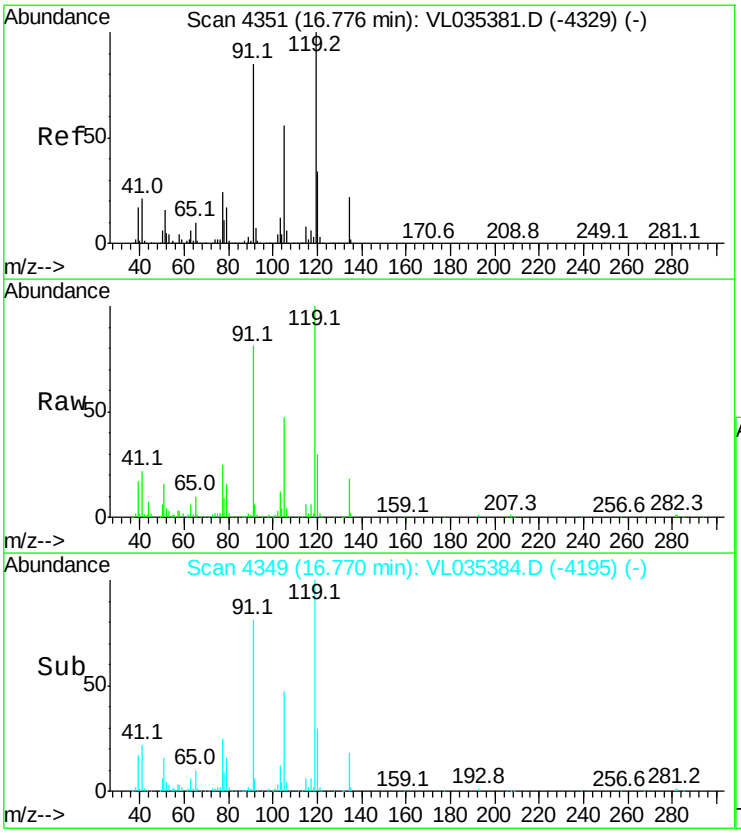
#64
n-propylbenzene
Concen: 0.754 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 92012

Ion	Ratio	Lower	Upper
120	100		
91	483.3	356.2	534.4

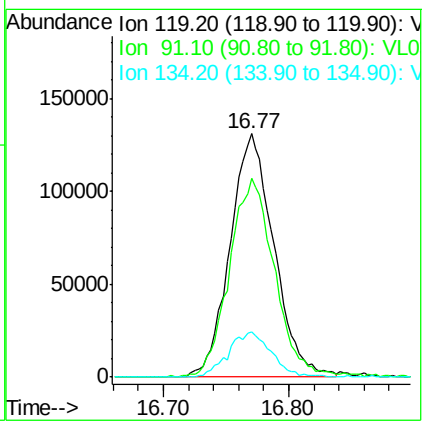


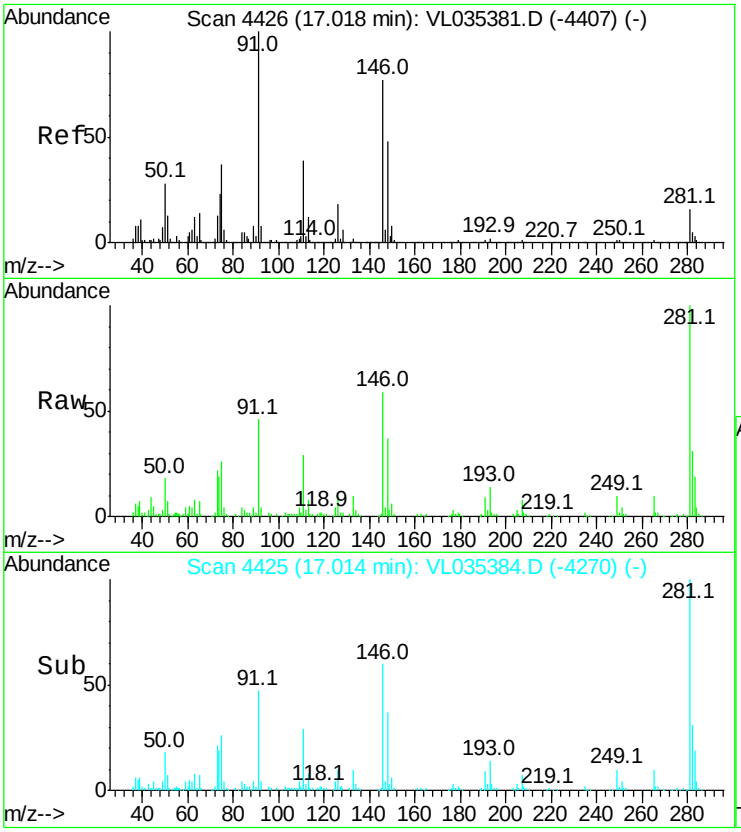


#65
tert-Butylbenzene
Concen: 0.765 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:119 Resp: 317914

Ion	Ratio	Lower	Upper
119	100		
91	84.8	68.2	102.4
134	18.6	16.2	24.4



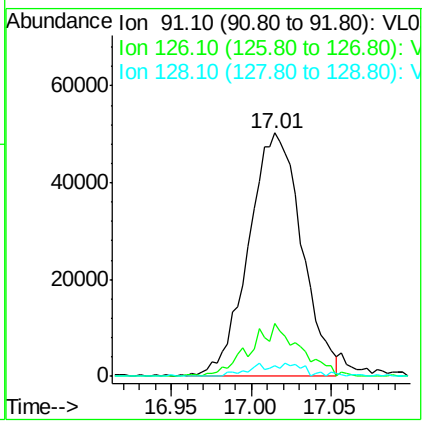


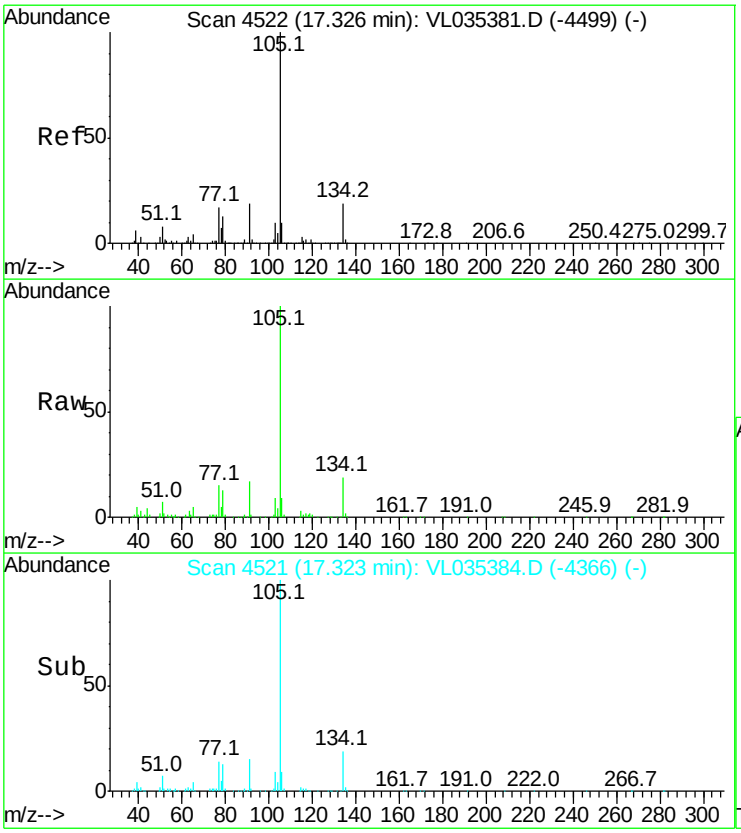
#66
Benzyl Chloride
Concen: 0.699 ppbv
RT: 17.01 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 114969

Ion	Ratio	Lower	Upper
91	100		
126	20.7	14.4	21.6
128	5.4	4.6	7.0

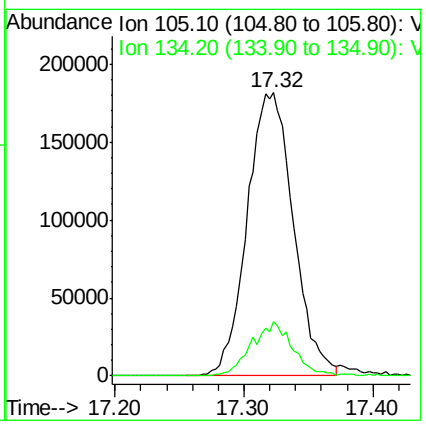


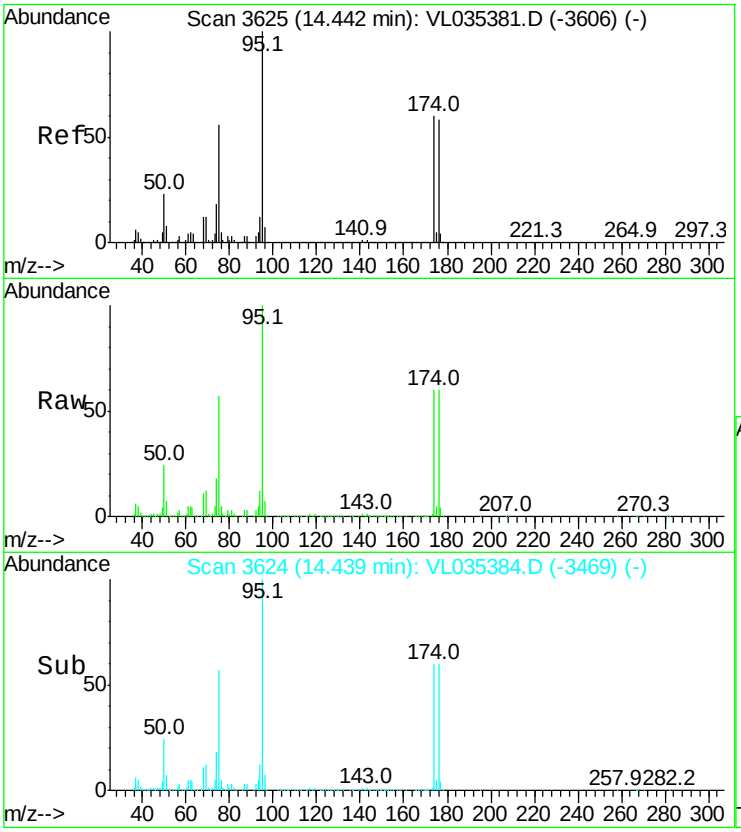


#67
sec-Butylbenzene
Concen: 0.769 ppbv
RT: 17.32 min Scan# 4521
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:105 Resp: 452245

Ion	Ratio	Lower	Upper
105	100		
134	17.5	15.0	22.6



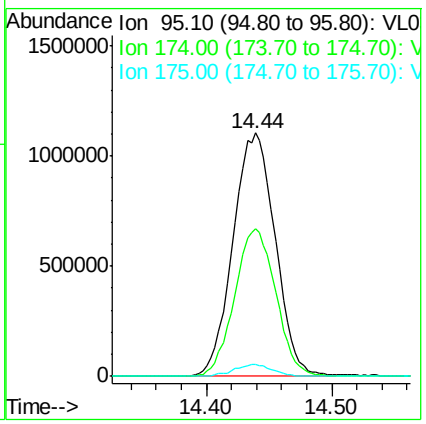


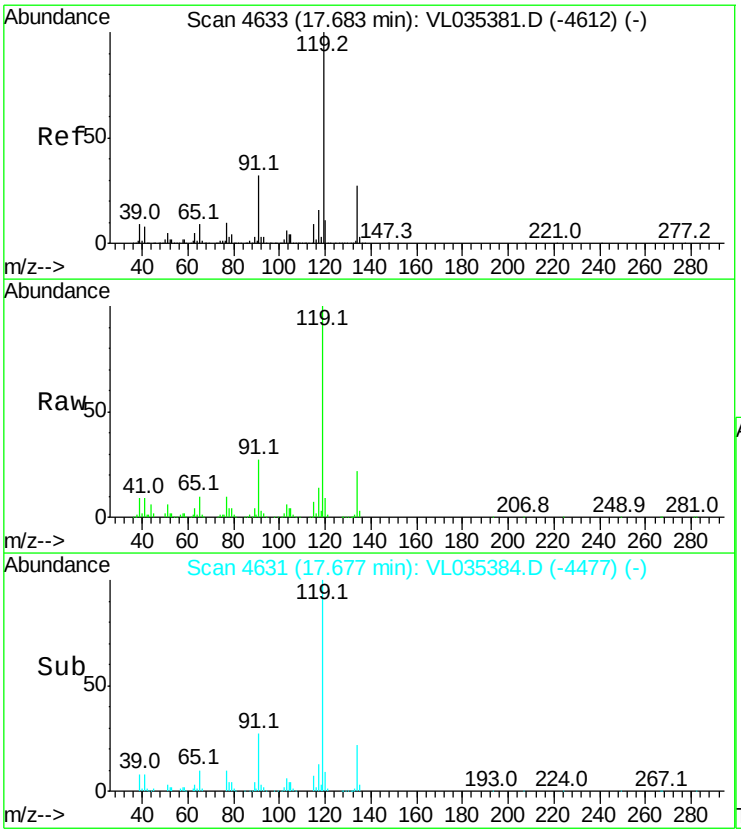
#68
1-Bromo-4-Fluorobenzene
Concen: 9.862 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 95 Resp: 2578936

Ion	Ratio	Lower	Upper
95	100		
174	59.6	48.2	72.2
175	4.6	3.7	5.5

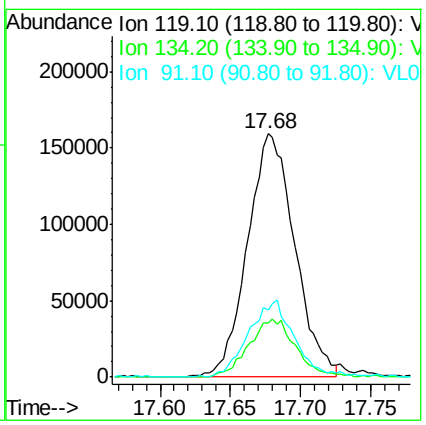


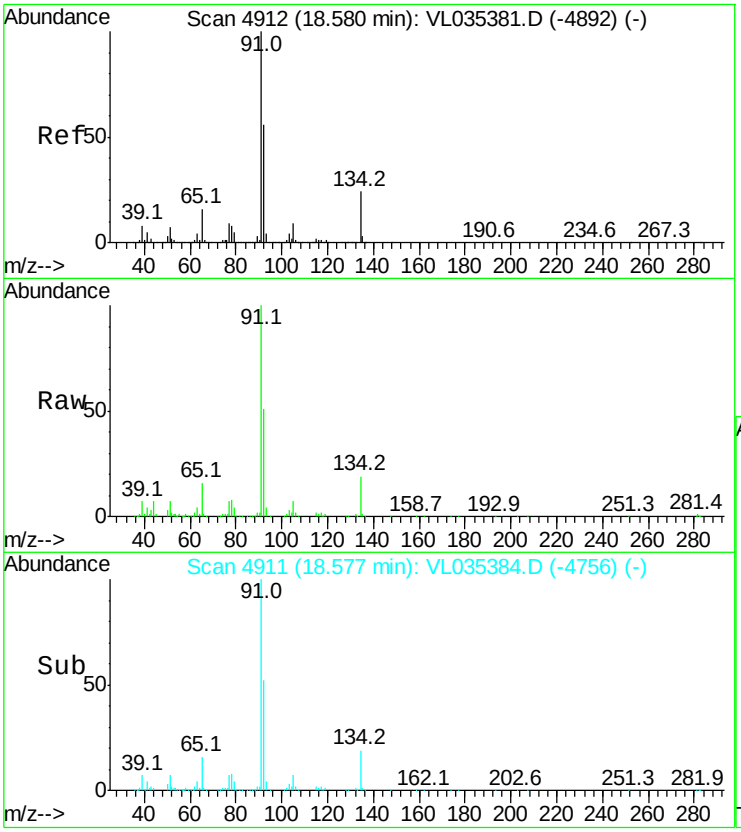


#69
p-Isopropyltoluene
Concen: 0.777 ppbv
RT: 17.68 min Scan# 4631
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:119 Resp: 372595

Ion	Ratio	Lower	Upper
119	100		
134	23.8	20.9	31.3
91	31.3	25.3	37.9



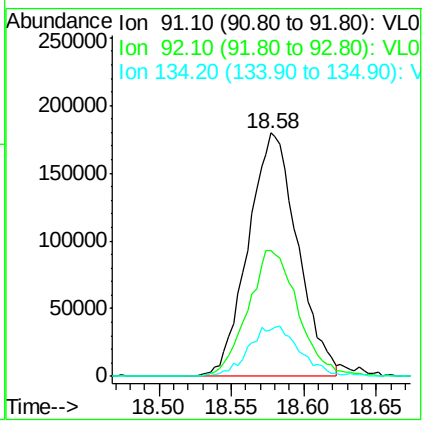


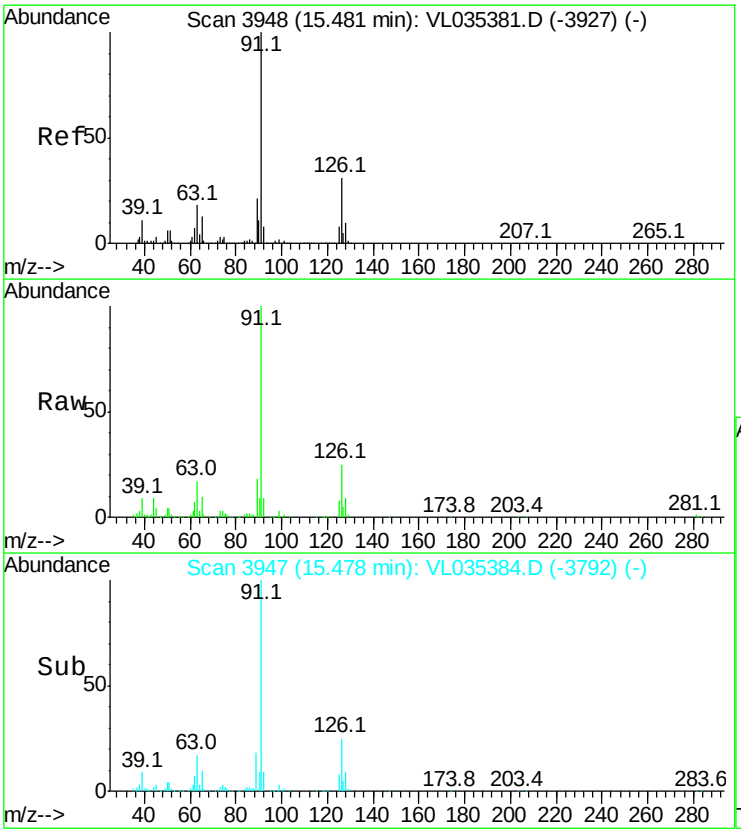
#70
n-Butylbenzene
Concen: 0.827 ppbv
RT: 18.58 min Scan# 4911
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 424031

Ion	Ratio	Lower	Upper
91	100		
92	52.9	45.0	67.6
134	21.4	18.8	28.2

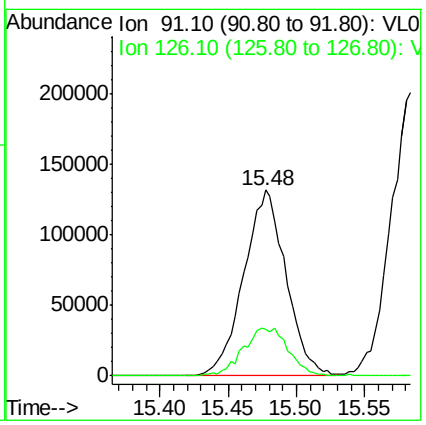


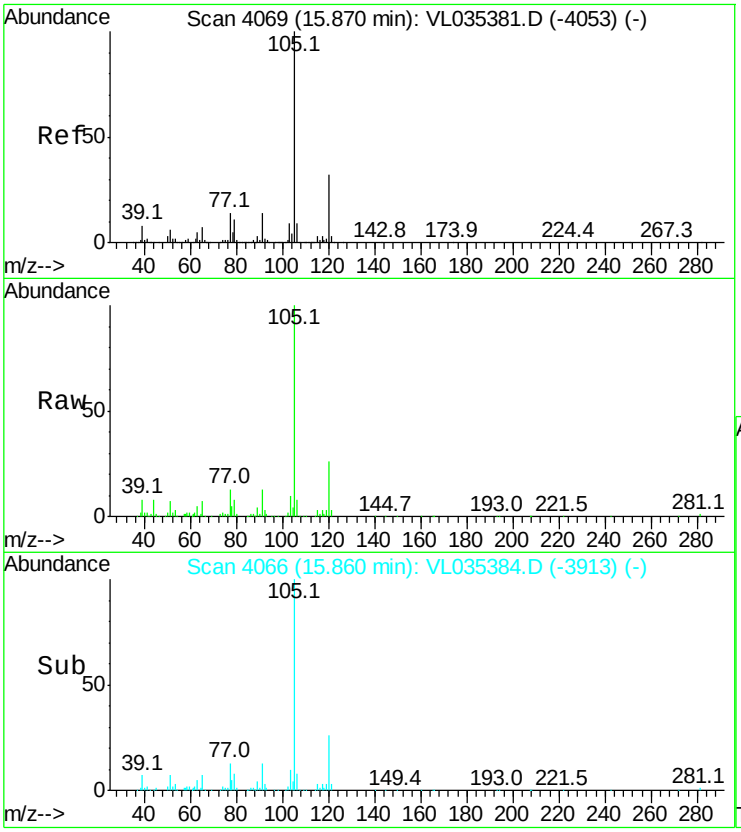


#71
2-Chlorotoluene
Concen: 0.852 ppbv
RT: 15.48 min Scan# 3947
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion: 91 Resp: 283226

Ion	Ratio	Lower	Upper
91	100		
126	27.5	12.1	48.3



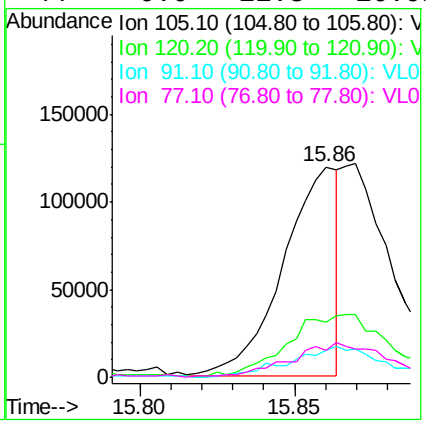


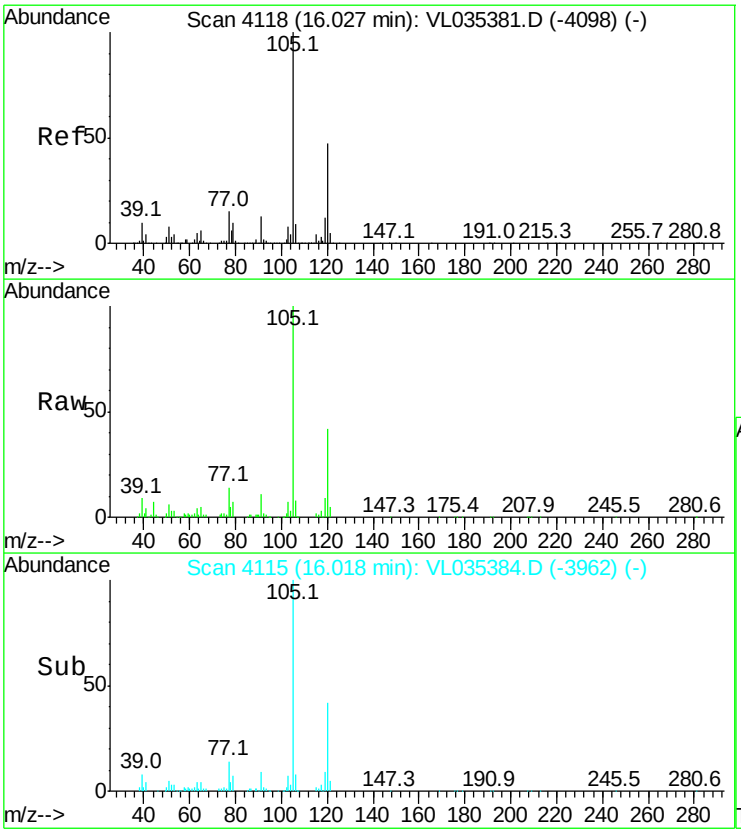
#72
4-Ethyltoluene
Concen: 0.425 ppbv
RT: 15.86 min Scan# 4066
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 146144

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.0	36.0#
91	0.0	10.4	15.6#
77	0.0	11.3	16.9#

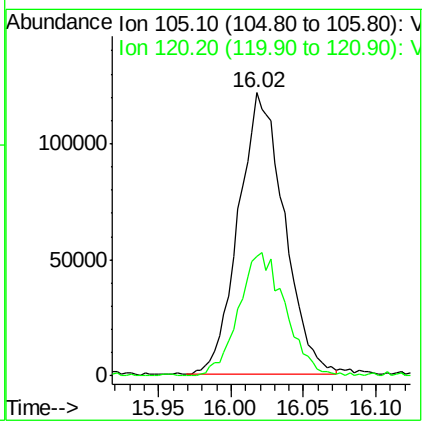


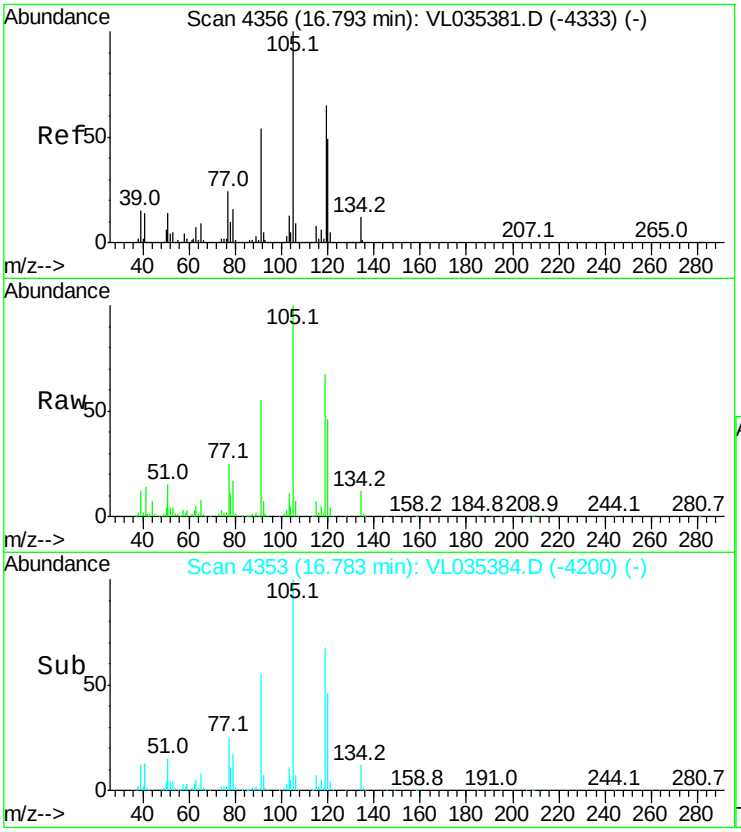


#73
1,3,5-Trimethylbenzene
Concen: 0.808 ppbv
RT: 16.02 min Scan# 4115
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:105 Resp: 266412

Ion	Ratio	Lower	Upper
105	100		
120	42.2	37.4	56.0



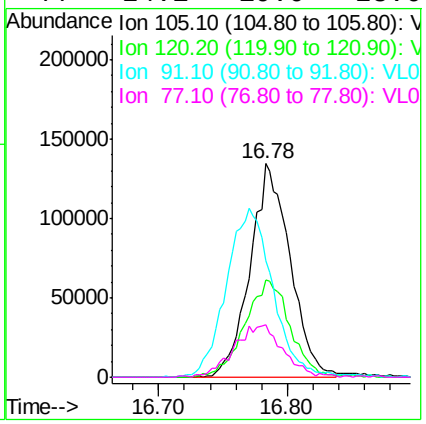


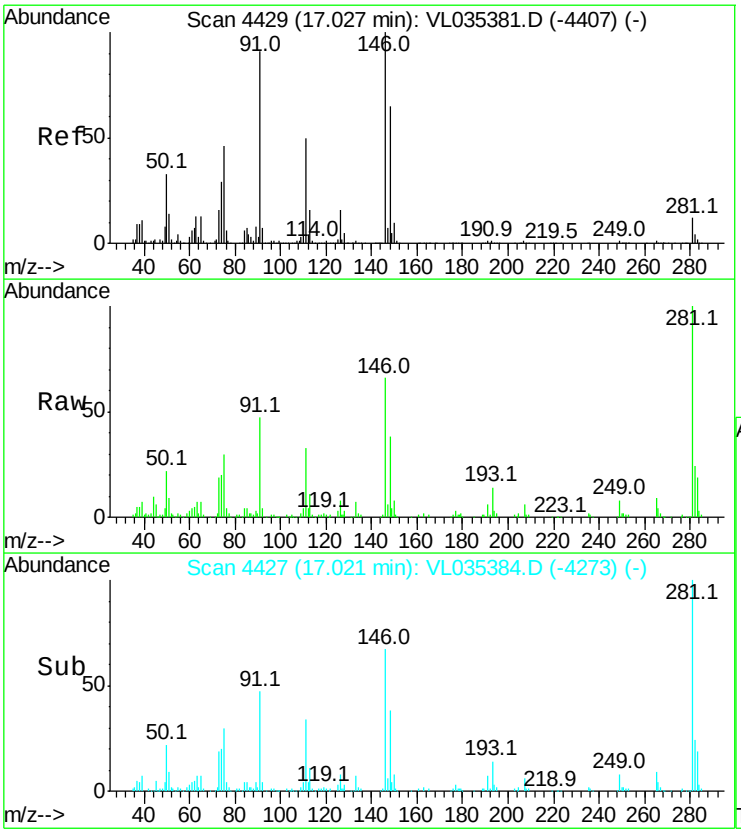
#74
1,2,4-Trimethylbenzene
Concen: 0.770 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 290230

Ion	Ratio	Lower	Upper
105	100		
120	45.4	39.1	58.7
91	53.4	43.7	65.5
77	24.1	19.0	28.6

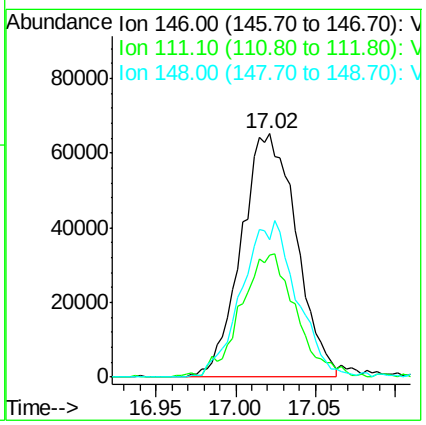


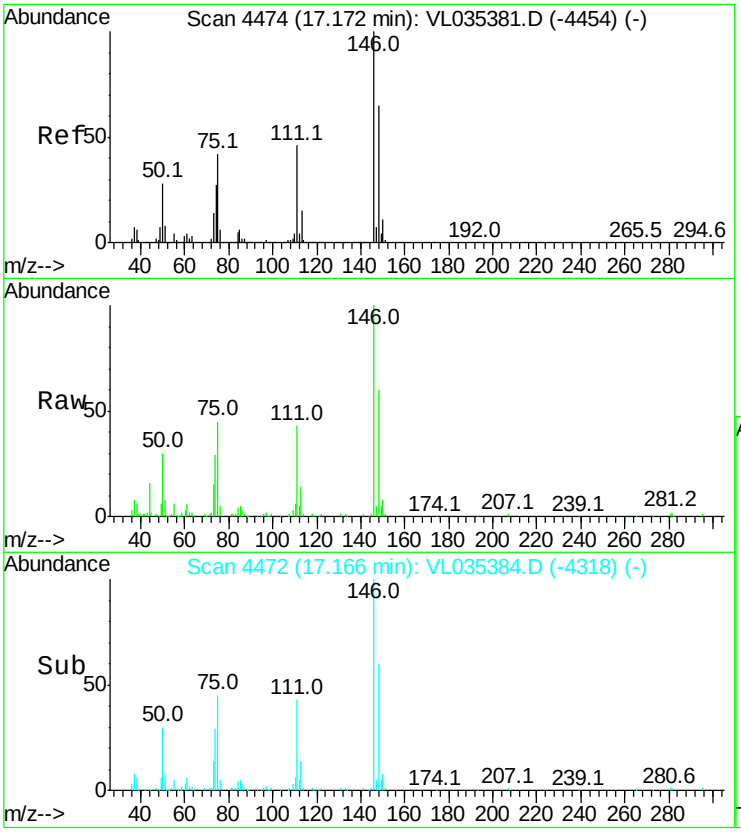


#75
1,3-Dichlorobenzene
Concen: 0.626 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:146 Resp: 154379

Ion	Ratio	Lower	Upper
146	100		
111	51.6	25.0	75.0
148	64.4	32.6	97.7



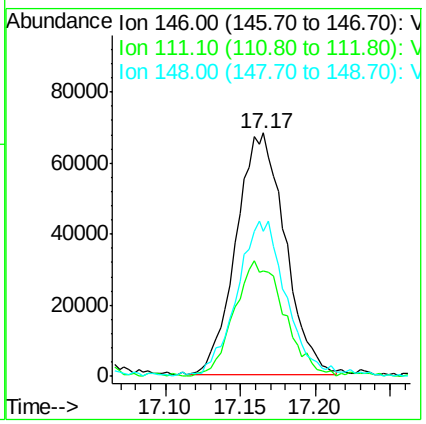


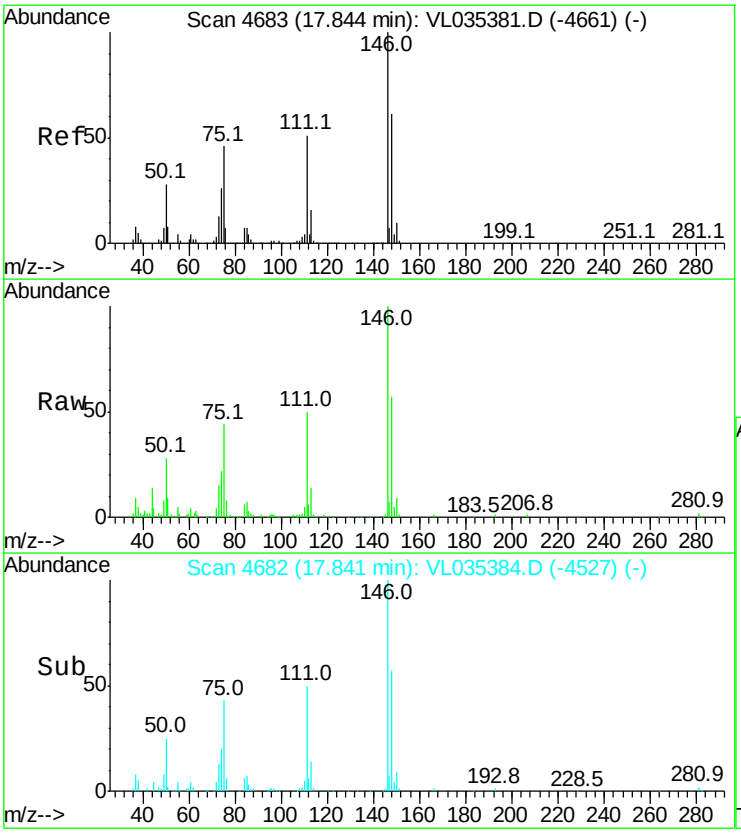
#76
1,4-Dichlorobenzene
Concen: 0.678 ppbv
RT: 17.17 min Scan# 4472
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:146 Resp: 154937

Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.0	72.0
148	65.8	32.5	97.5

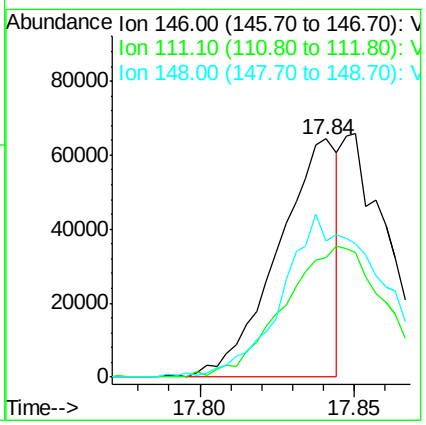


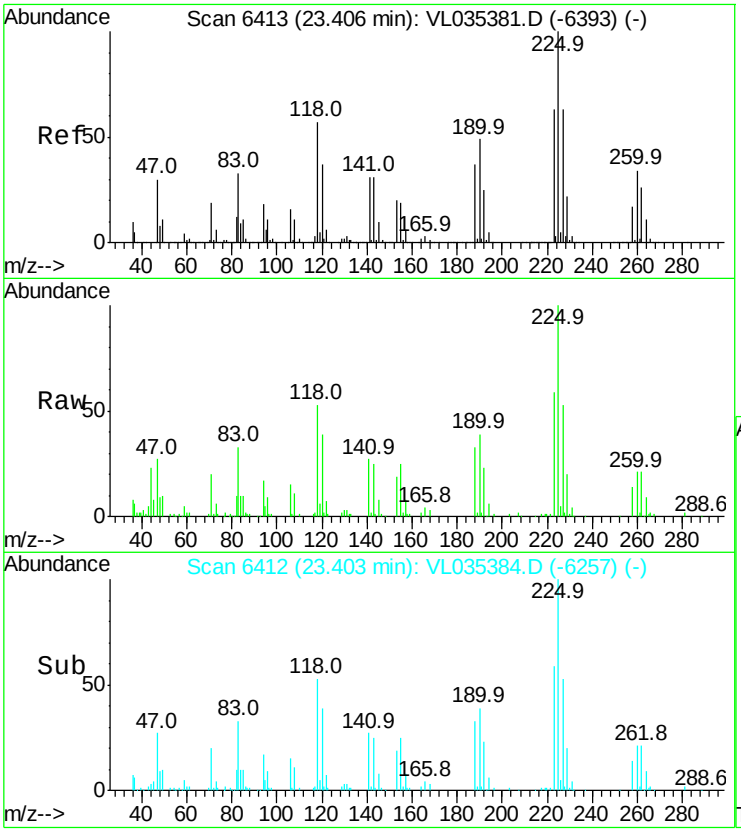


#77
1,2-Dichlorobenzene
Concen: 0.374 ppbv
RT: 17.84 min Scan# 4682
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:146 Resp: 85111

Ion	Ratio	Lower	Upper
146	100		
111	97.8	25.9	77.8#
148	118.7	32.1	96.3#



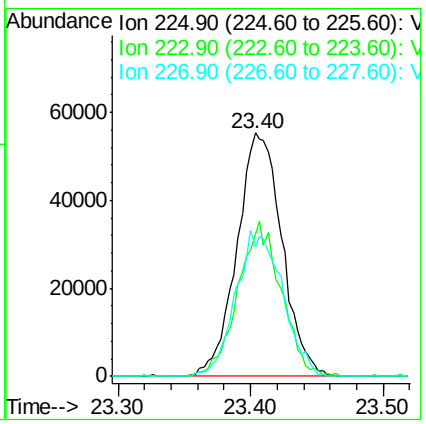


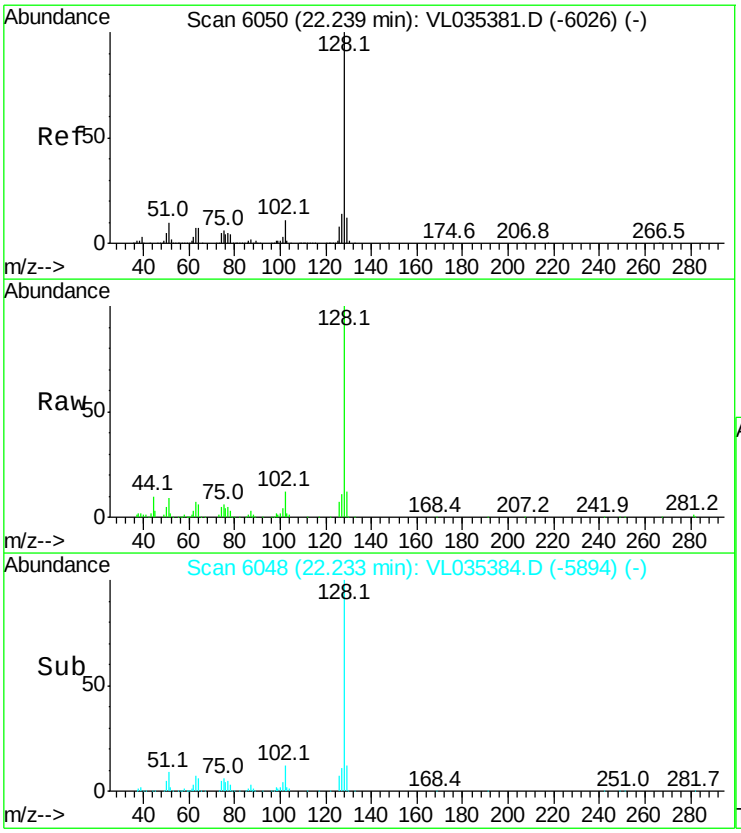
#78
Hexachloro-1,3-Butadiene
Concen: 0.673 ppbv
RT: 23.40 min Scan# 6412
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:225 Resp: 130386

Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	61.6	51.0	76.6

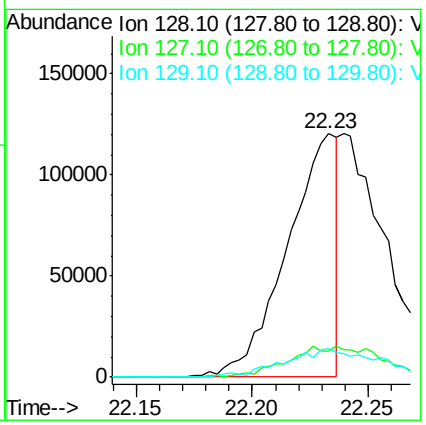


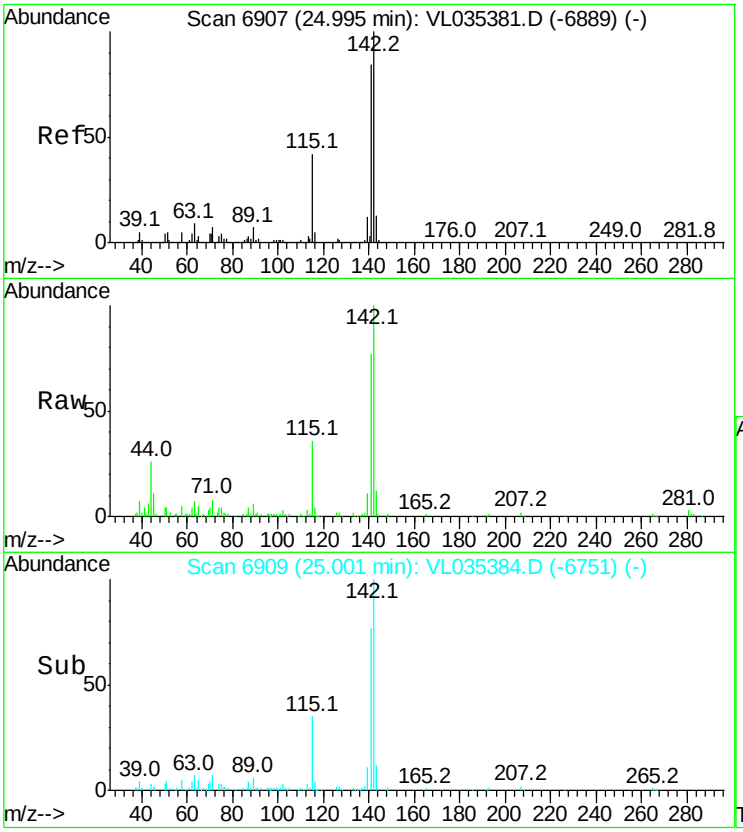


#79
Naphthalene
Concen: 0.621 ppbv
RT: 22.23 min Scan# 6048
Delta R.T. -0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:128 Resp: 180130

Ion	Ratio	Lower	Upper
128	100		
127	10.5	11.0	16.4#
129	11.8	9.2	13.8



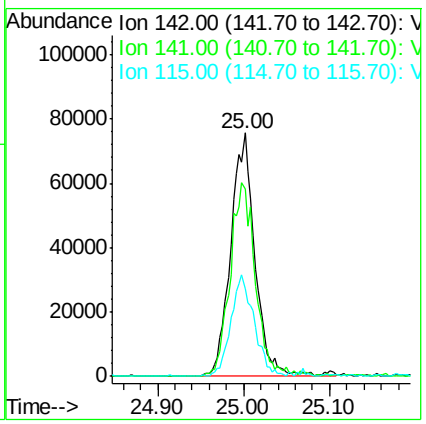


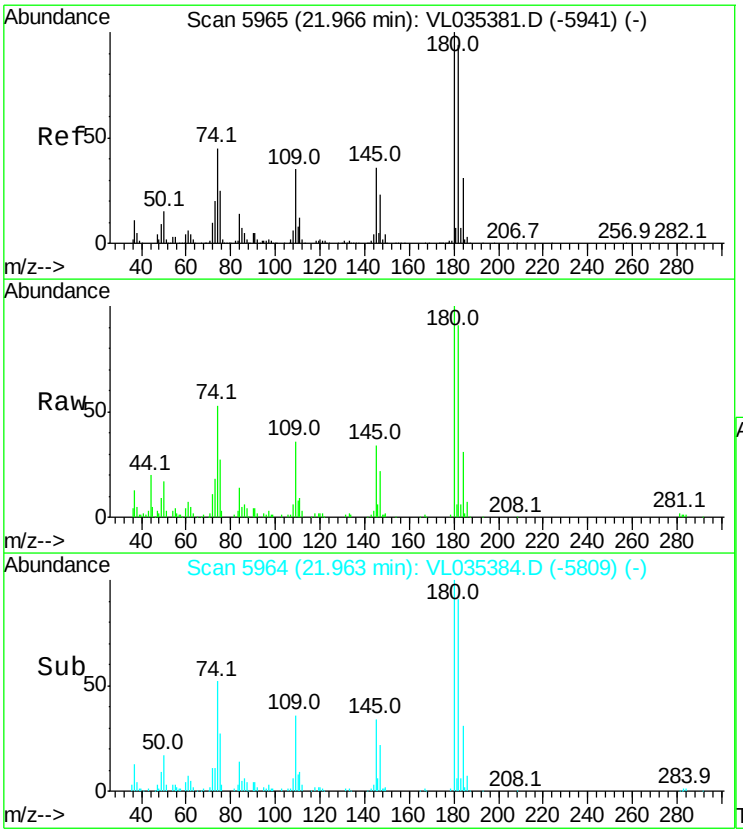
#80
Naphthalene,2-methyl-
Concen: 2.252 ppbv
RT: 25.00 min Scan# 6909
Delta R.T. 0.01 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:142 Resp: 148563

Ion	Ratio	Lower	Upper
142	100		
141	83.4	67.7	101.5
115	39.8	34.0	51.0





#81
1,2,4-Trichlorobenzene
Concen: 0.897 ppbv
RT: 21.96 min Scan# 5964
Delta R.T. -0.00 min
Lab File: VL035384.D
Acq: 12 Aug 2020 13:57

Tgt Ion:180 Resp: 164010

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.6	116.4
184	31.3	24.7	37.1