Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080520\

Quantitation Report (Not Reviewed)

Data File : VL035335.D
Acq On : 5 Aug 2020 9:58
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Aug 05 10:44:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 09:32:28 2020
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1379921	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3569446	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	3305521	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2785066	10.06	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	202409	1.121	ppbv		98
3) Chlorodifluoromethane	2.94	51	175323	1.106	ppbv		97
4) Chloromethane	3.10	50	95265	1.052	ppbv		94
5) Vinyl Chloride	3.21	62	96402	1.093	ppbv		93
6) Bromomethane	3.43	94	61227	1.056	ppbv		83
7) Chloroethane	3.52	64	36311	1.036	ppbv	#	77
8) Dichlorotetrafluoroethane	3.14	85	243597	1.119	ppbv		98
9) Propene	2.96	41	56605	0.988	ppbv		94
10) Heptane	8.12	43	141568	0.963	ppbv		96
11) Trichlorofluoromethane	3.92	101	265388	1.125	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.46	101	191600	1.166	ppbv		95
13) Ethanol	3.57	45	21046	0.994	ppbv		68
14) Bromoethene	3.70	108	73054	1.079	ppbv		97
15) Acetone	3.82	43	226200	1.134	ppbv		92
16) 1,3-Butadiene	3.28	39	79184	1.064	ppbv		100
17) tert-Butyl alcohol	4.26	59	192887	1.061	ppbv		100
18) 1,1-Dichloroethene	4.26	96	77091	1.042	ppbv	#	74
19) Isopropyl Alcohol	3.93	45	142438	1.136	ppbv	#	92
20) Methylene Chloride	4.31	84	100941	1.108	ppbv	#	83
21) Allyl Chloride	4.38	41	115008	1.018	ppbv		97
22) trans-1,2-Dichloroethene	4.86	96	78195	1.065	ppbv		88
23) Vinyl Acetate	5.05	43	182698	0.924	ppbv	#	95
24) 1,1-Dichloroethane	4.99	63	192530	1.046	ppbv		100
25) Ethyl Acetate	5.66	43	318437	1.056	ppbv		100
26) Hexane	5.67	57	129116	0.956	ppbv		86
27) Carbon Disulfide	4.52	76	192023	1.057	ppbv		96
28) Methyl tert-Butyl Ether	5.01	73	188674	0.930	ppbv		95
29) Chloroform	5.74	83	243017	1.064	ppbv		95
30) Cyclohexane	7.13	84	81962	0.809	ppbv	#	88
31) cis-1,2-Dichloroethene	5.54	61	45847	0.368	ppbv		92
32) 1,1,1-Trichloroethane	6.50	97	232010	1.050	ppbv		99
34) 2-Butanone	5.23	43	178154	0.948	ppbv		100
35) Carbon Tetrachloride	7.01	117	231401	1.002	ppbv		93
36) Benzene	6.88	78	235247	0.899	ppbv		93
37) 1,2-Dichloroethane	6.29	62	167846	0.947	ppbv		98
38) Trichloroethene	7.84	130	55550	0.578	ppbv		95
39) 1,2-Dichloropropane	7.62	63	97545	0.946	ppbv		92
40) 1,4-Dioxane	7.85	88	25607	0.572	ppbv	#	1
41) Tetrahydrofuran	6.05	42	78278	0.844	ppbv		96
42) Bromodichloromethane	7.79	83	231855	0.959	ppbv	#	92
43) Methyl Methacrylate	8.02	69	89798	0.821	ppbv		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080520\

Quantitation Report (Not Reviewed)

Data File : VL035335.D
Acq On : 5 Aug 2020 9:58
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Aug 05 10:44:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 09:32:28 2020
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	198312	0.442 ppbv #	41
45) t-1,3-Dichloropropene	9.29	75	84834	0.727 ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	103974	0.744 ppbv	89
47) 1,1,2-Trichloroethane	9.48	97	61680	0.515 ppbv	94
48) Dibromochloromethane	10.32	129	186578	0.958 ppbv	99
49) Bromoform	13.07	173	168189	0.991 ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	260850	0.983 ppbv	99
51) 2-Hexanone	10.16	43	195985	0.954 ppbv #	93
52) Tetrachloroethene	11.25	164	43528	0.472 ppbv	91
53) Toluene	9.82	91	235191	0.855 ppbv	99
54) 1,2-Dibromoethane	10.63	107	167568	0.946 ppbv	91
56) 1,1,1,2-Tetrachloroethane	12.15	131	84816	0.547 ppbv #	7
57) Chlorobenzene	12.17	112	266974	1.055 ppbv	97
58) Ethyl Benzene	12.73	91	333137	0.920 ppbv	96
59) m/p-Xylene	13.02	91	344306	1.030 ppbv #	29
60) o-Xylene	13.72	91	318853	0.965 ppbv	97
61) Styrene	13.55	104	109858	0.541 ppbv #	46
62) Isopropylbenzene	14.70	105	501048	1.005 ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.71	83	287123	1.108 ppbv	99
64) n-propylbenzene	15.59	120	79835	0.612 ppbv #	1
65) tert-Butylbenzene	16.78	119	456123	1.022 ppbv	96
66) Benzyl Chloride	17.03	91	154771	0.897 ppbv	100
67) sec-Butylbenzene	17.33	105	660186	1.046 ppbv	97
69) p-Isopropyltoluene	17.69	119	517691	0.992 ppbv	99
70) n-Butylbenzene	18.59	91	556648	0.991 ppbv	96
71) 2-Chlorotoluene	15.49	91	342451	0.921 ppbv	96
72) 4-Ethyltoluene	15.87	105	358976	0.963 ppbv	96
73) 1,3,5-Trimethylbenzene	16.03	105	349817	0.958 ppbv	99
74) 1,2,4-Trimethylbenzene	16.79	105	407528	0.973 ppbv	94
75) 1,3-Dichlorobenzene	17.03	146	276845	1.063 ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	254407	1.032 ppbv	96
77) 1,2-Dichlorobenzene	17.85	146	140513	0.585 ppbv #	22
78) Hexachloro-1,3-Butadiene	23.42	225	216275	1.109 ppbv	97
79) Naphthalene	22.26	128	237183	0.716 ppbv	96
80) Naphthalene,2-methyl-	25.02	142	15813	0.163 ppbv #	86
81) 1,2,4-Trichlorobenzene	21.98	180	95066	0.472 ppbv #	14

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

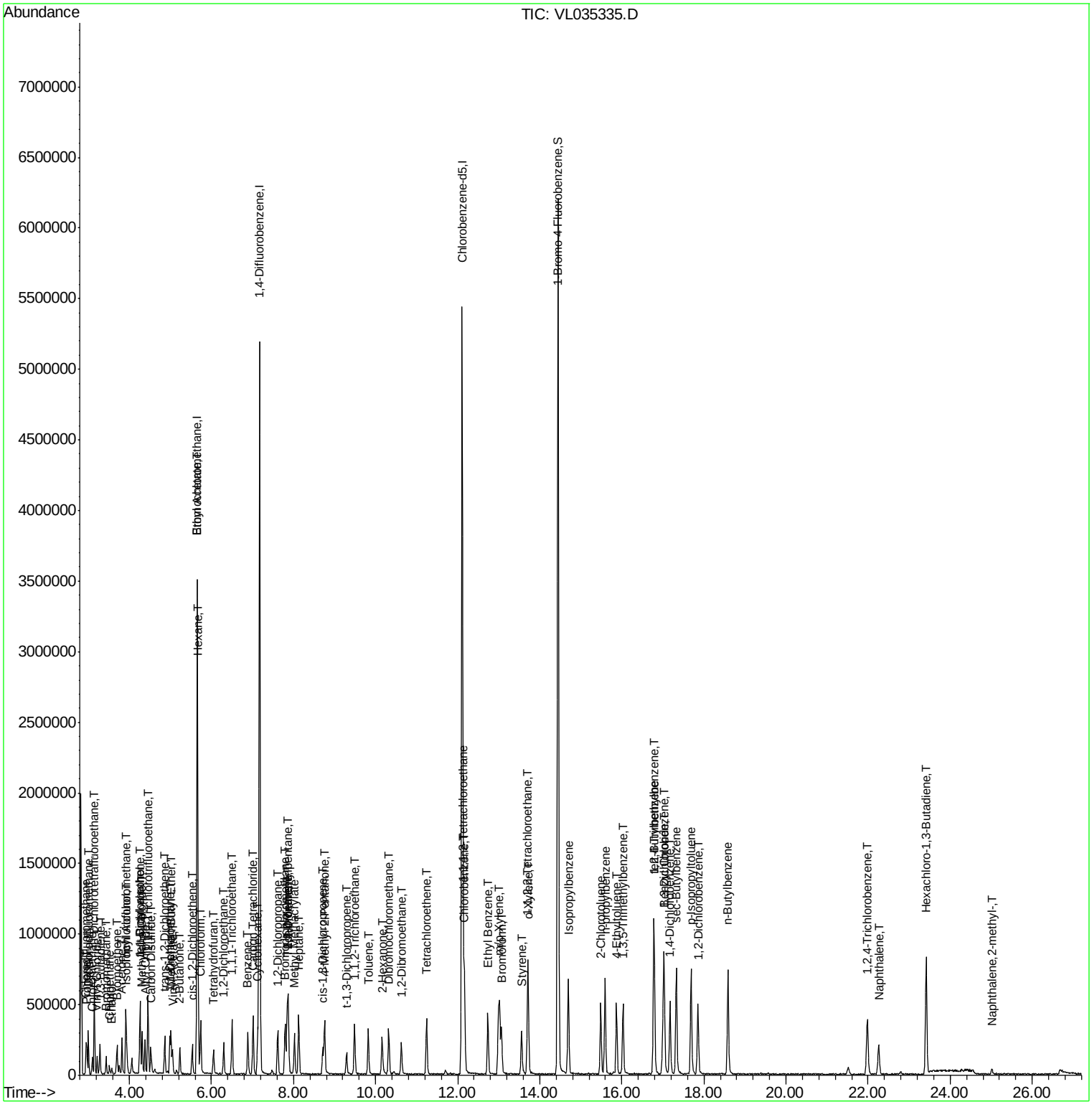
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080520\

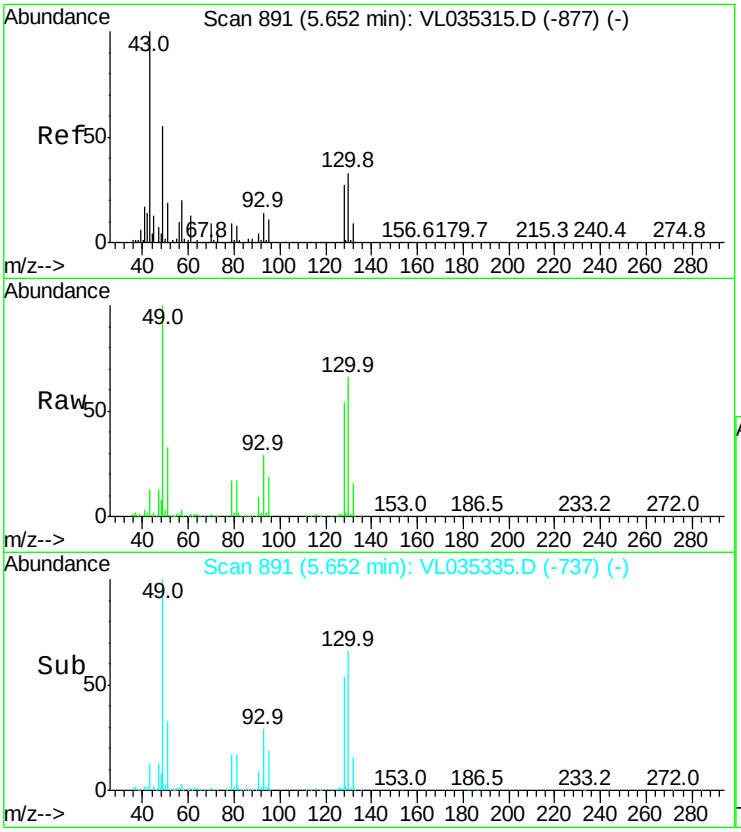
Quantitation Report (Not Reviewed)

Data File : VL035335.D
Acq On : 5 Aug 2020 9:58
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Aug 05 10:44:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 09:32:28 2020
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration



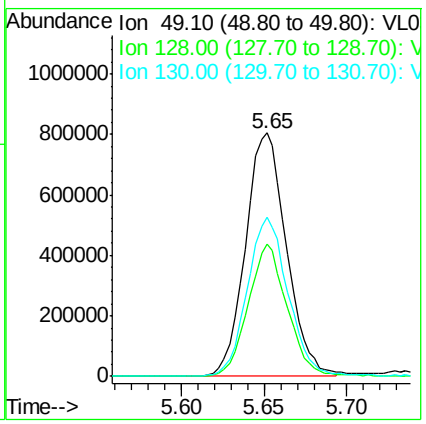


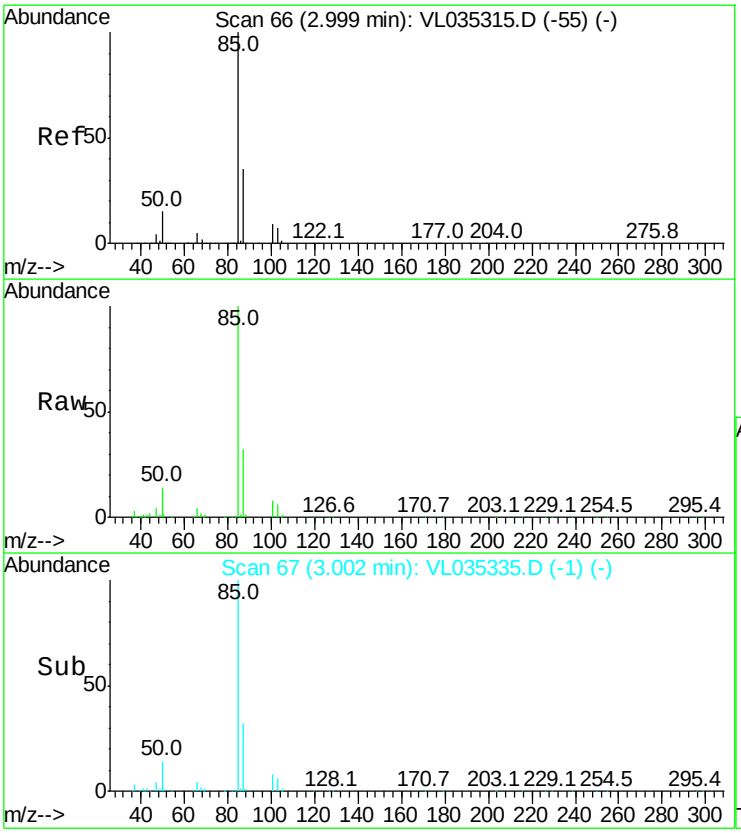
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1379921

Ion	Ratio	Lower	Upper
49	100		
128	52.2	25.4	76.0
130	65.9	32.1	96.3

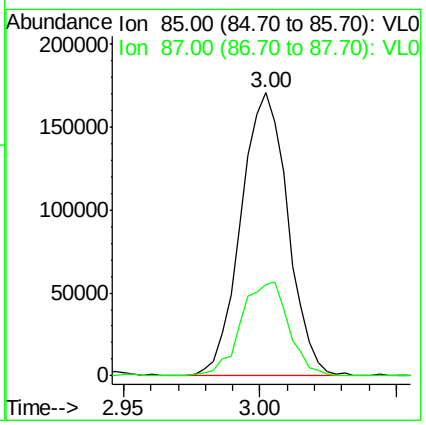


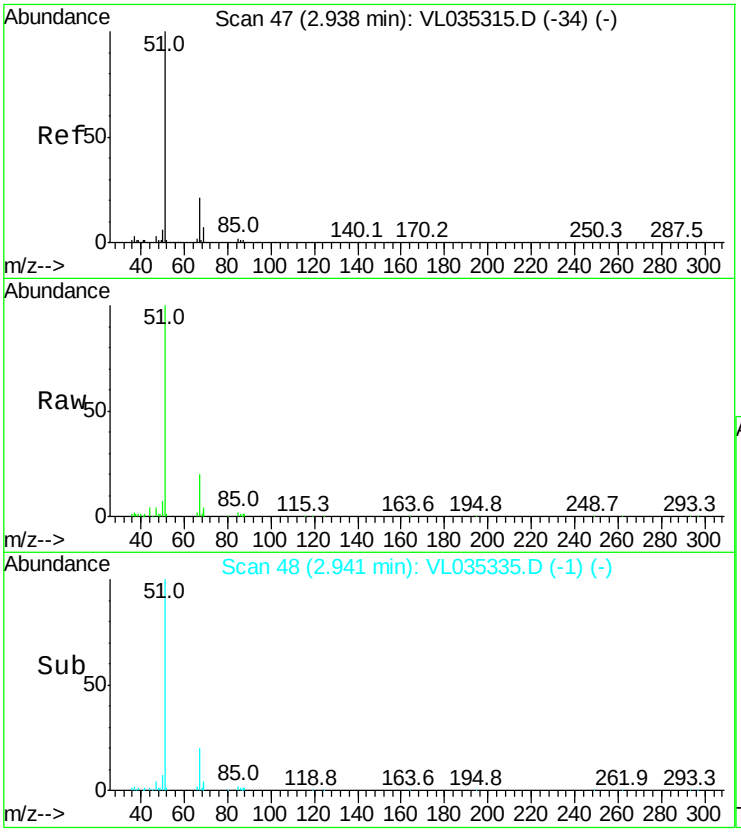


#2
Dichlorodifluoromethane
Concen: 1.121 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 85 Resp: 202409

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.7	40.1



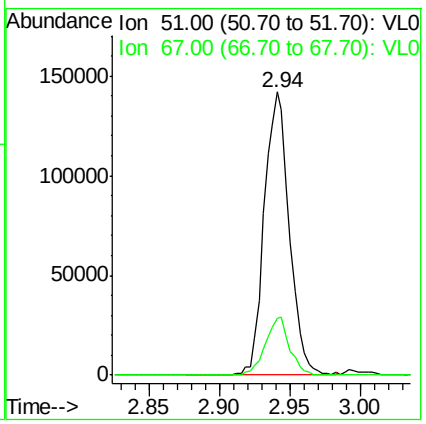


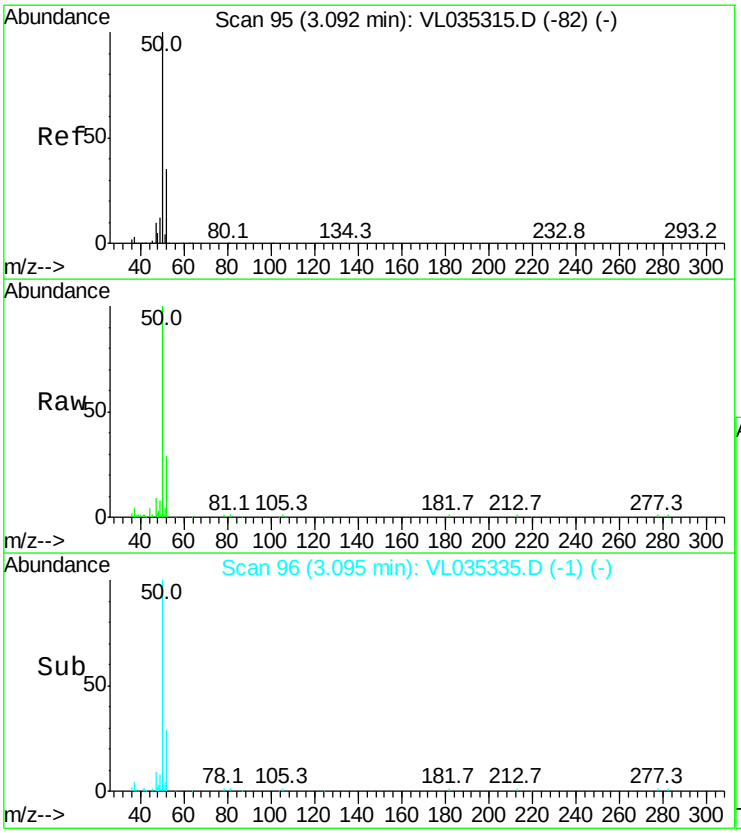
#3
Chlorodifluoromethane
Concen: 1.106 ppbv
RT: 2.94 min Scan# 48
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 175323

Ion	Ratio	Lower	Upper
51	100		
67	19.6	16.6	25.0

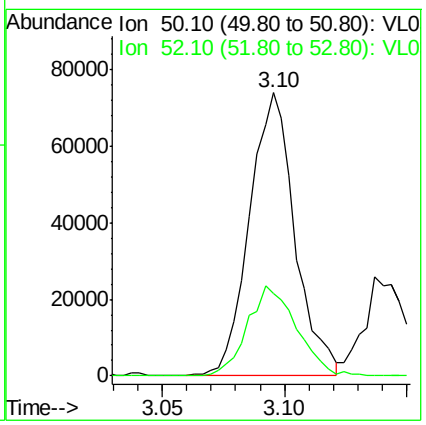


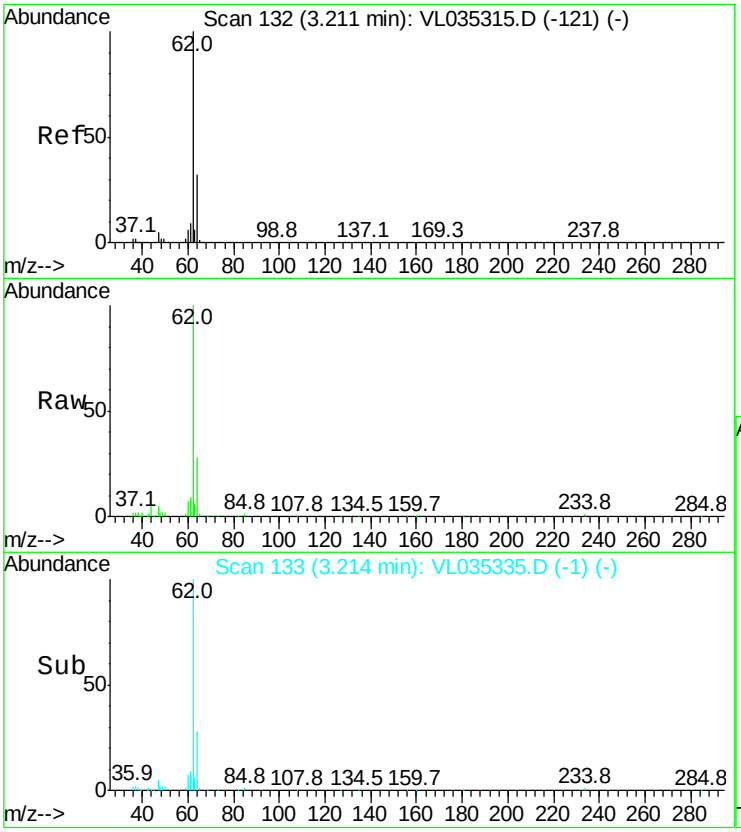


#4
Chloromethane
Concen: 1.052 ppbv
RT: 3.10 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 50 Resp: 95265

Ion	Ratio	Lower	Upper
50	100		
52	29.2	26.0	39.0



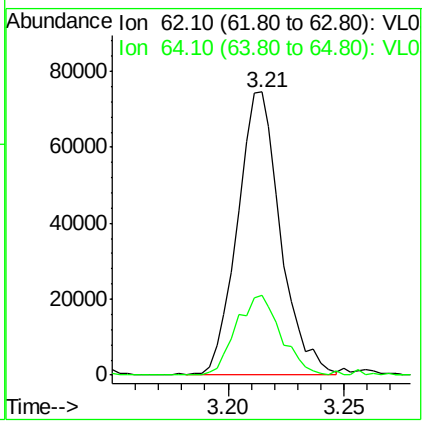


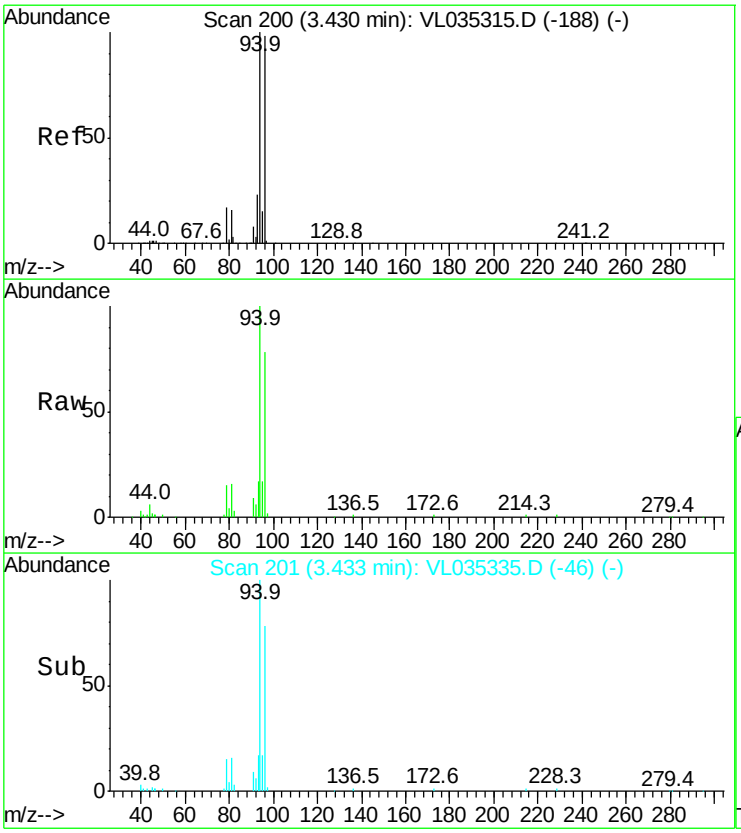
#5
Vinyl Chloride
Concen: 1.093 ppbv
RT: 3.21 min Scan# 133
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 96402

Ion	Ratio	Lower	Upper
62	100		
64	28.2	25.8	38.6

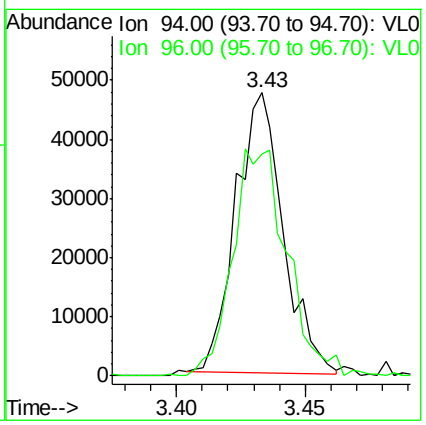


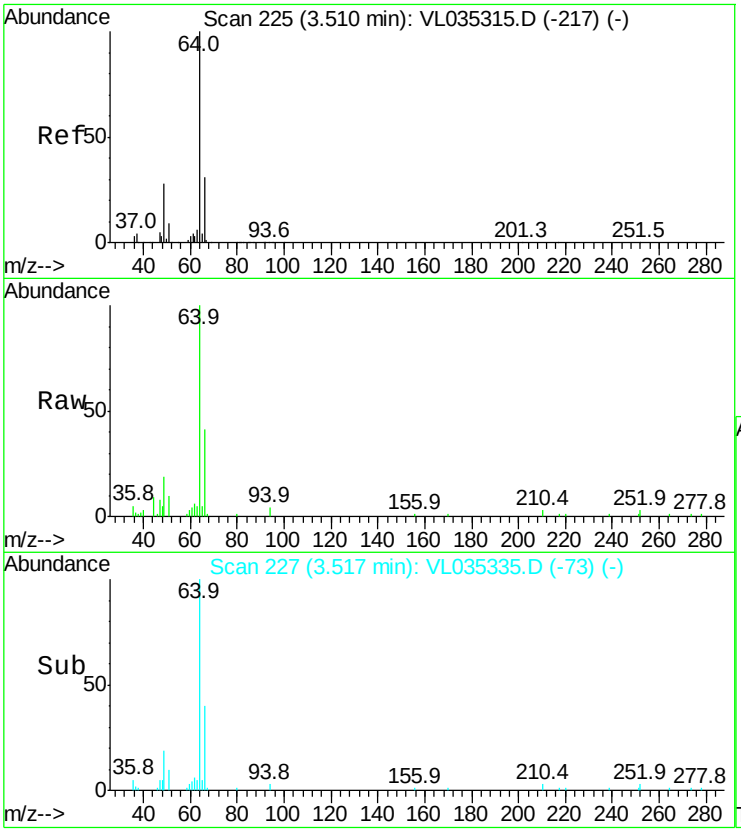


#6
Bromomethane
Concen: 1.056 ppbv
RT: 3.43 min Scan# 201
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 94 Resp: 61227

Ion	Ratio	Lower	Upper
94	100		
96	79.8	77.3	115.9



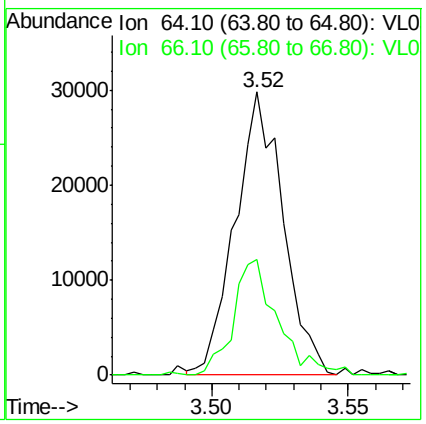


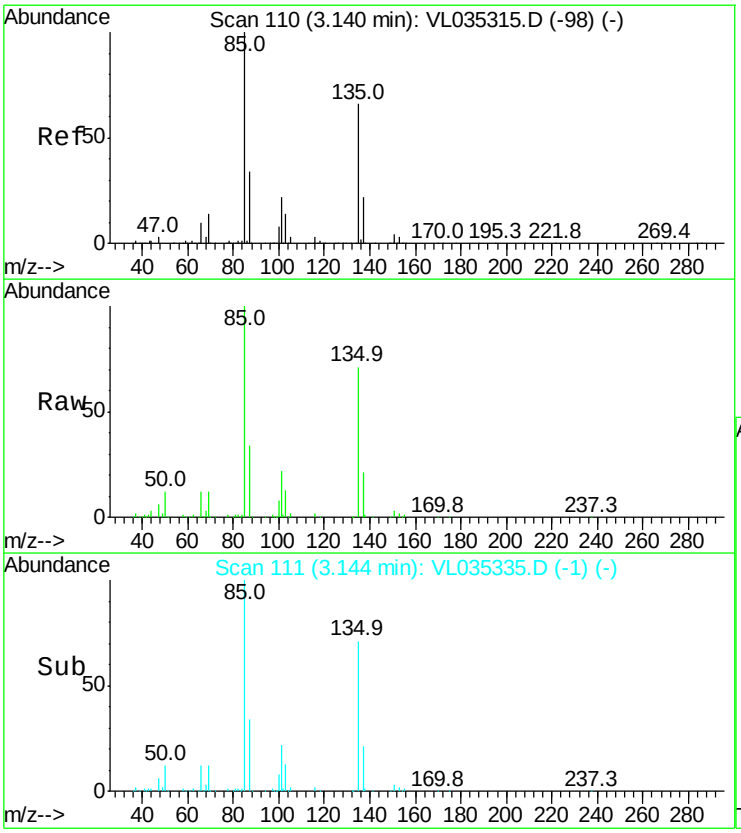
#7
Chloroethane
Concen: 1.036 ppbv
RT: 3.52 min Scan# 227
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 36311

Ion	Ratio	Lower	Upper
64	100		
66	40.8	23.0	34.6#

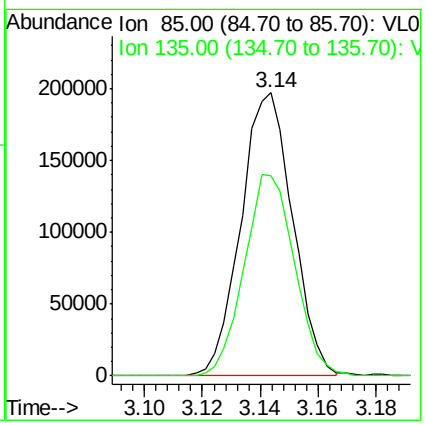


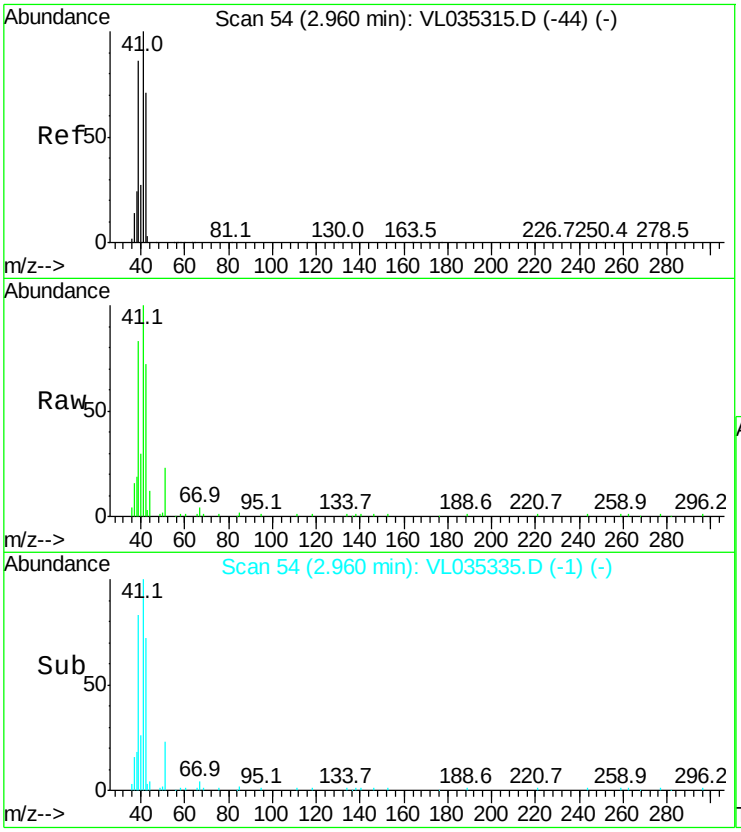


#8
Dichlorotetrafluoroethane
Concen: 1.119 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 85 Resp: 243597

Ion	Ratio	Lower	Upper
85	100		
135	69.8	54.5	81.7



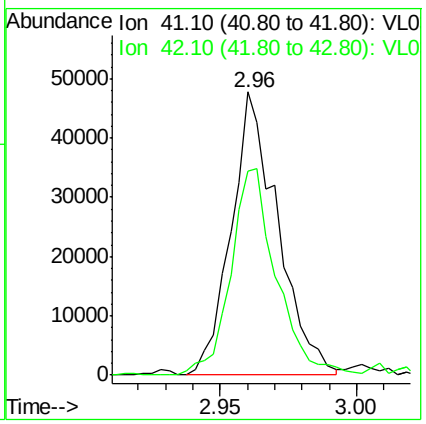


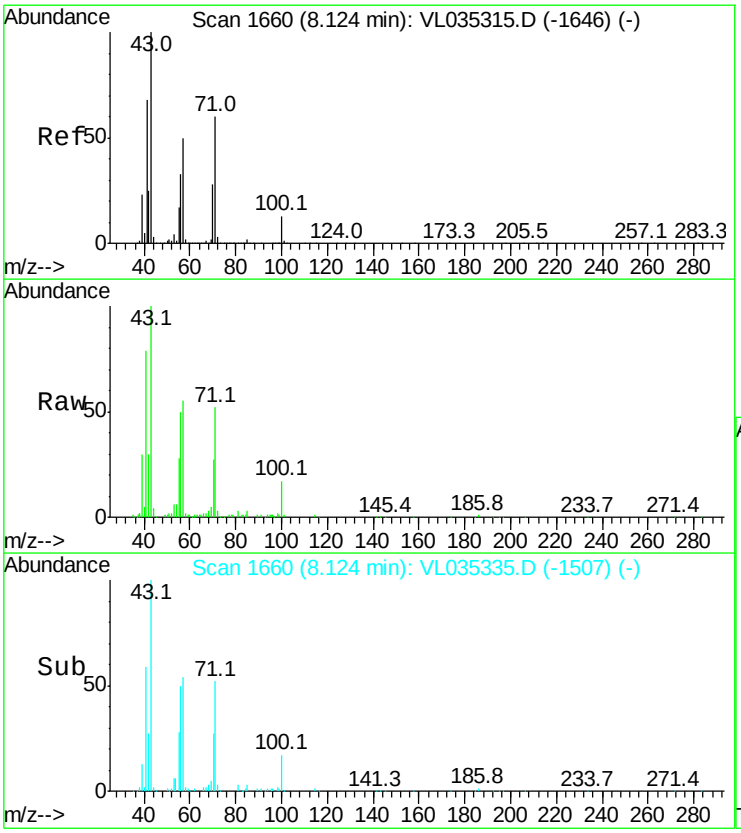
#9
Propene
Concen: 0.988 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 56605

Ion	Ratio	Lower	Upper
41	100		
42	73.6	55.3	82.9

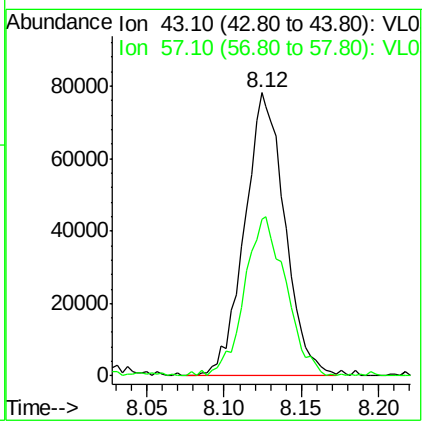


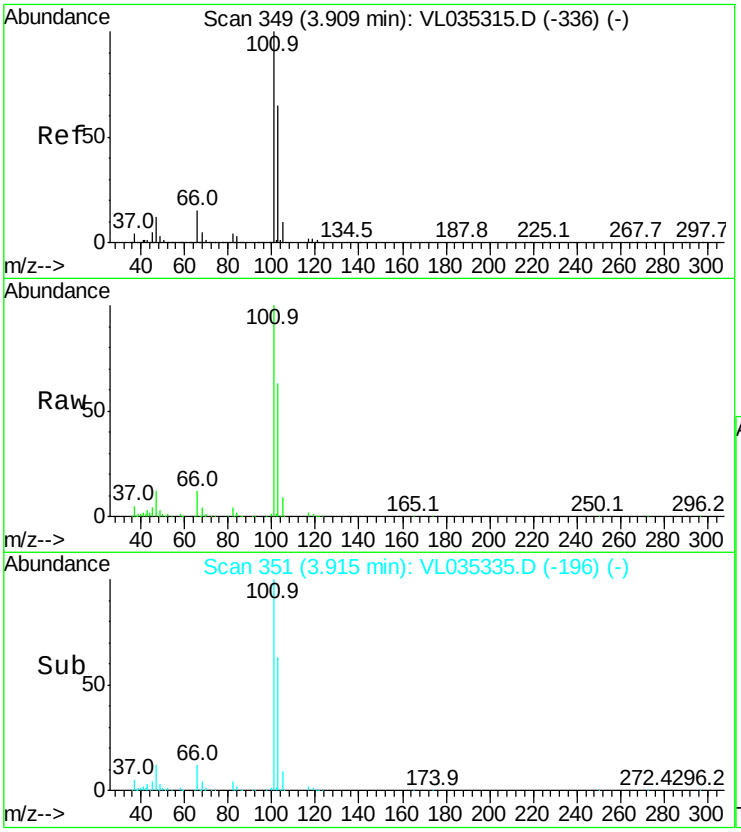


#10
Heptane
Concen: 0.963 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 43 Resp: 141568

Ion	Ratio	Lower	Upper
43	100		
57	56.9	43.0	64.6



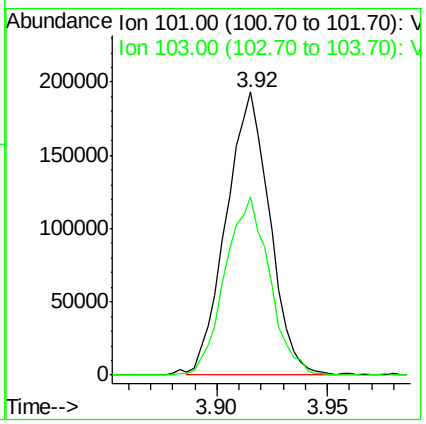


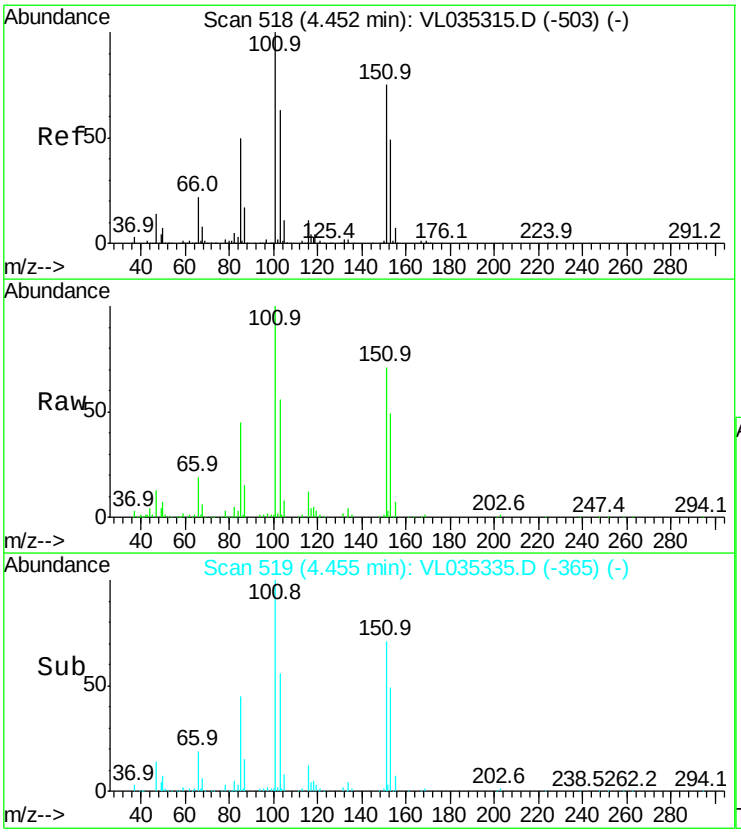
#11
Trichlorofluoromethane
Concen: 1.125 ppbv
RT: 3.92 min Scan# 351
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 265388

Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.8	80.8

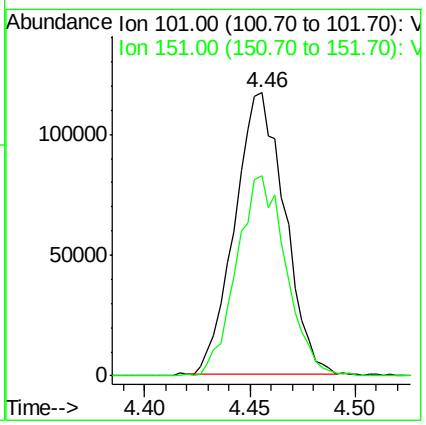


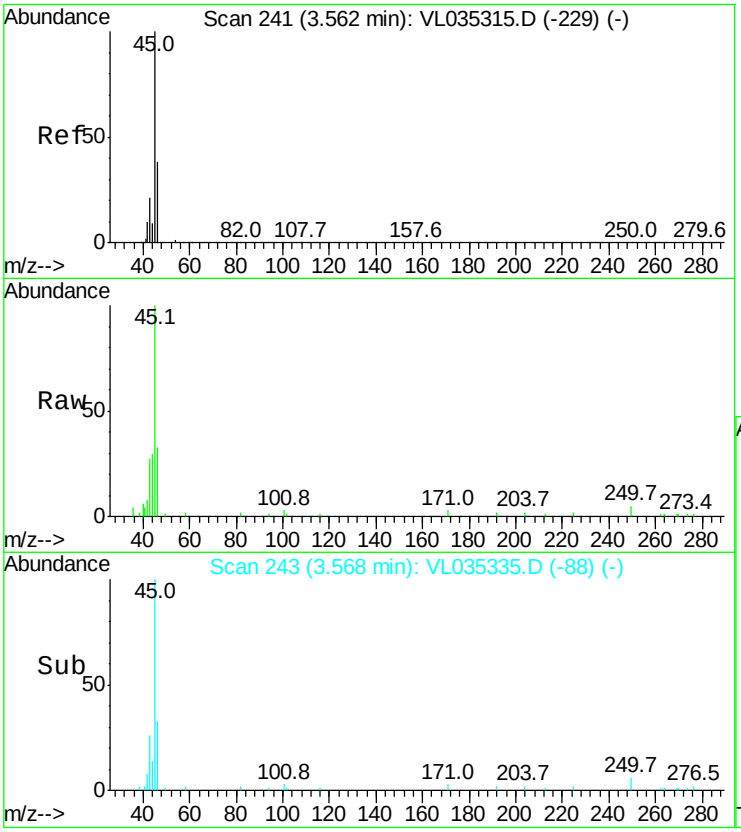


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.166 ppbv
RT: 4.46 min Scan# 519
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:101 Resp: 191600

Ion	Ratio	Lower	Upper
101	100		
151	70.4	59.5	89.3



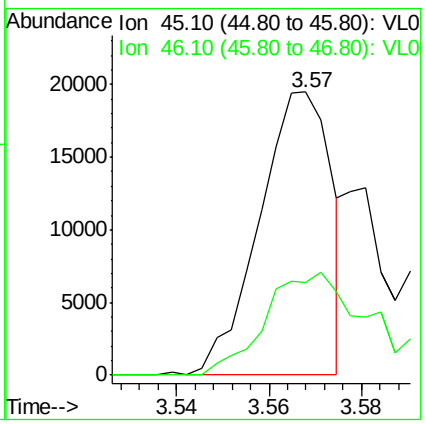


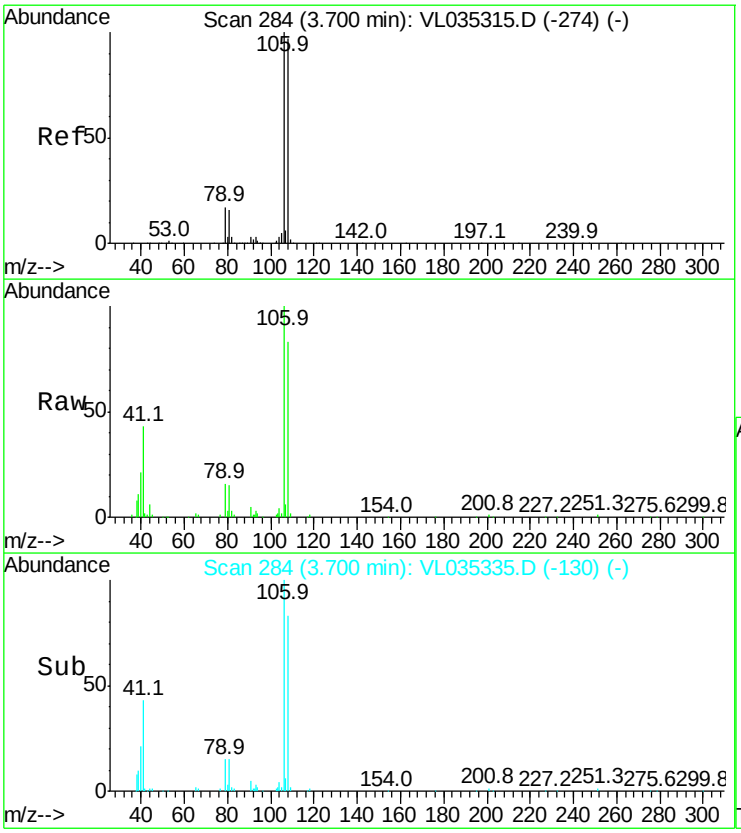
#13
Ethanol
Concen: 0.994 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 21046

Ion	Ratio	Lower	Upper
45	100		
46	57.6	15.2	61.0

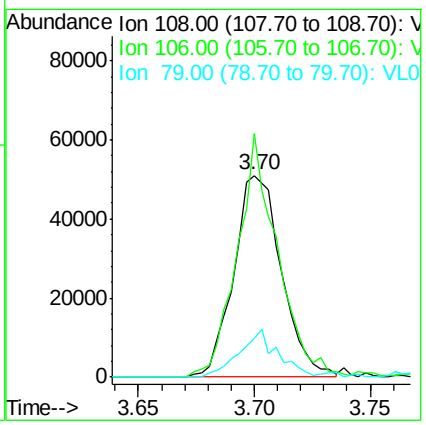


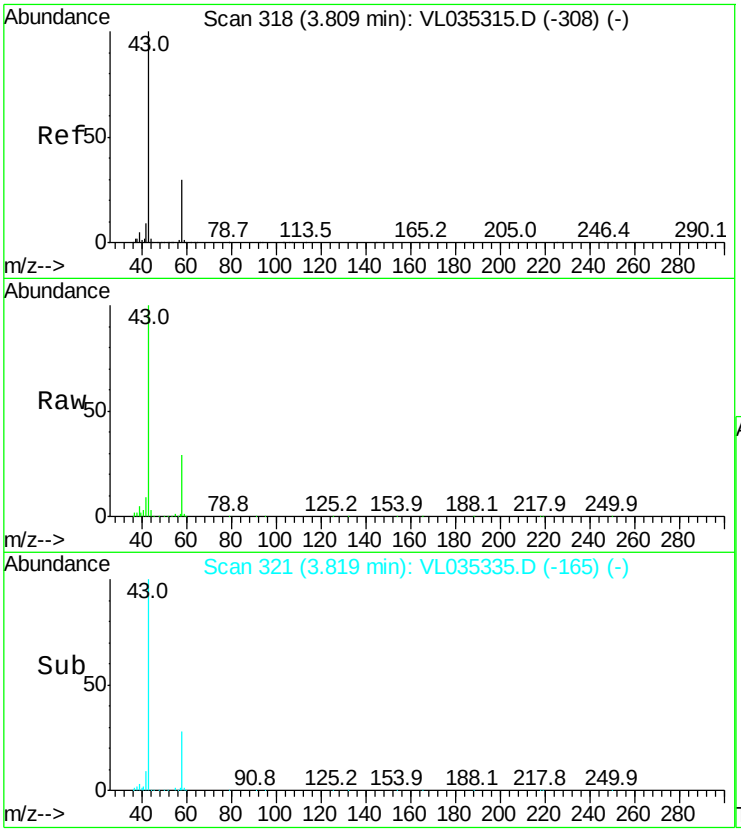


#14
Bromoethene
Concen: 1.079 ppbv
RT: 3.70 min Scan# 284
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:108 Resp: 73054

Ion	Ratio	Lower	Upper
108	100		
106	103.6	85.0	127.6
79	20.0	15.0	22.6



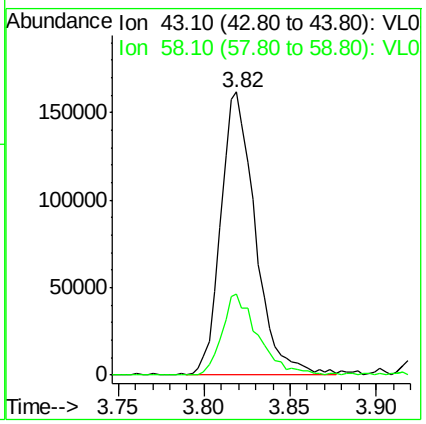


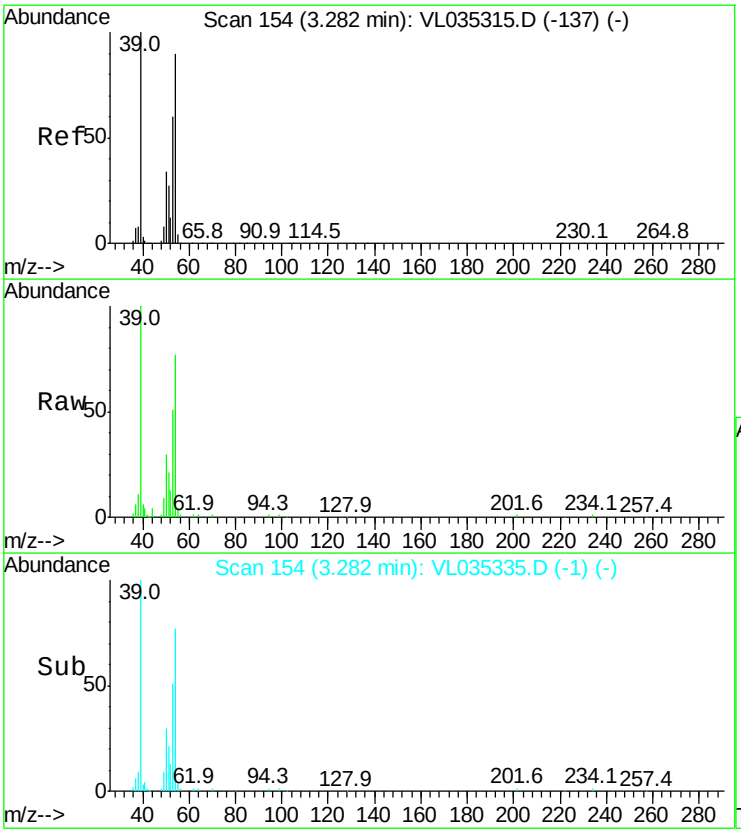
#15
Acetone
Concen: 1.134 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 226200

Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.0	31.4

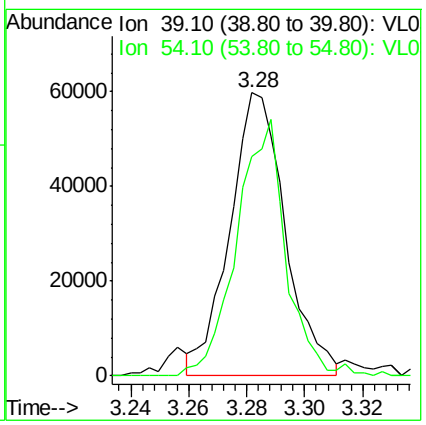


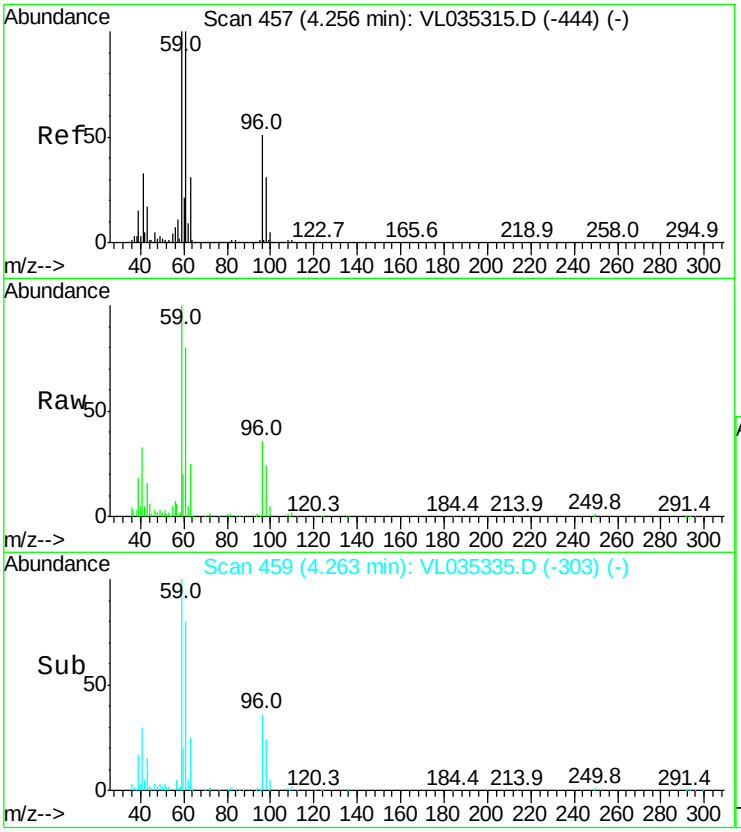


#16
1,3-Butadiene
Concen: 1.064 ppbv
RT: 3.28 min Scan# 154
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 39 Resp: 79184

Ion	Ratio	Lower	Upper
39	100		
54	80.8	64.4	96.6



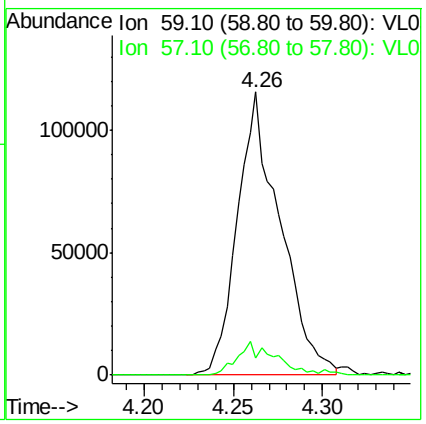


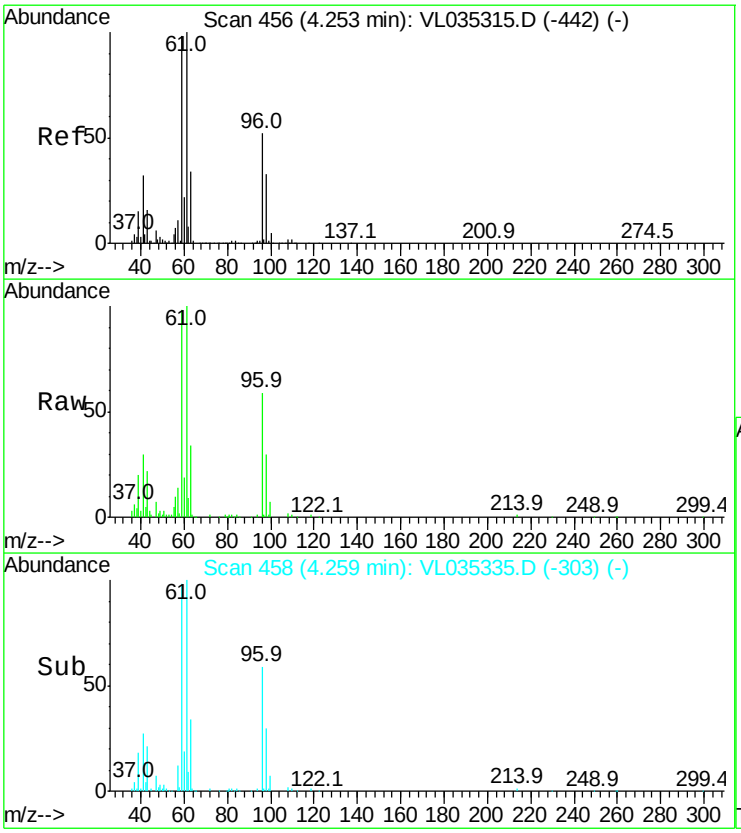
#17
tert-Butyl alcohol
Concen: 1.061 ppbv
RT: 4.26 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 192887

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.8	13.2

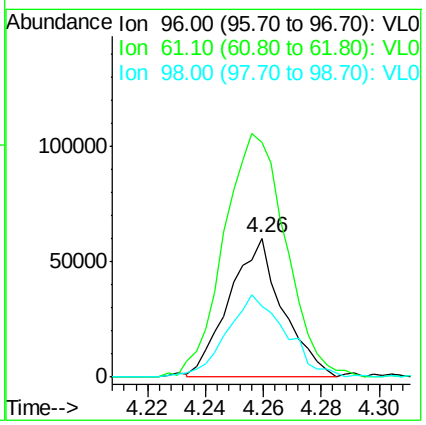


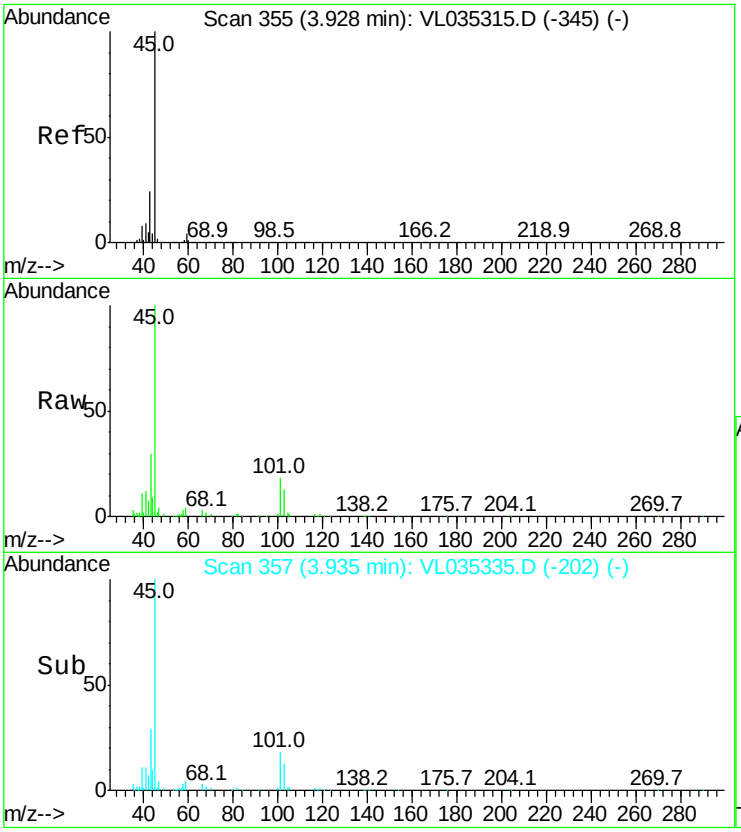


#18
1,1-Dichloroethene
Concen: 1.042 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 96 Resp: 77091

Ion	Ratio	Lower	Upper
96	100		
61	163.2	161.4	242.2
98	48.3	56.0	84.0#



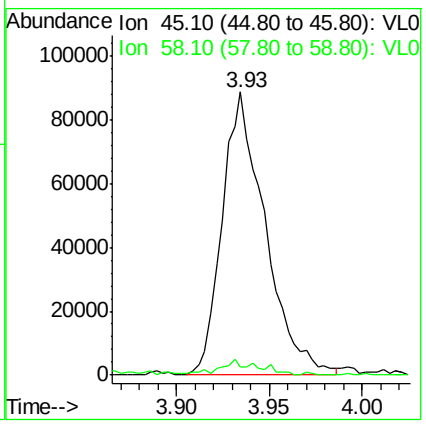


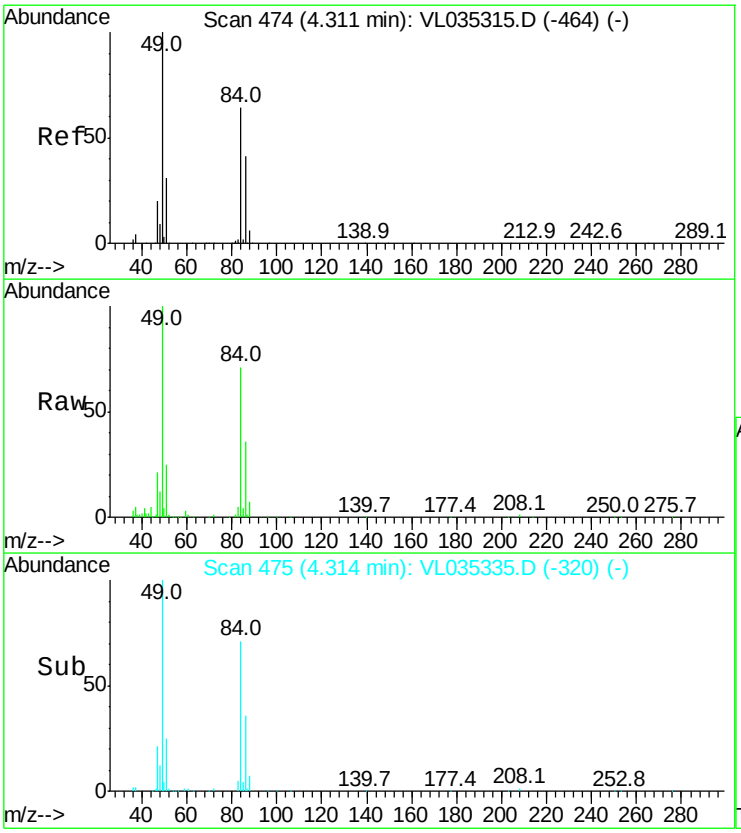
#19
Isopropyl Alcohol
Concen: 1.136 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 142438

Ion	Ratio	Lower	Upper
45	100		
58	5.0	1.9	2.9#

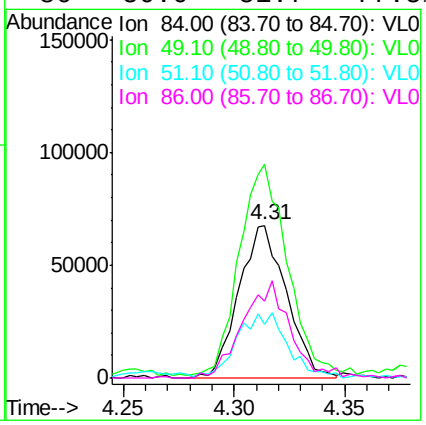


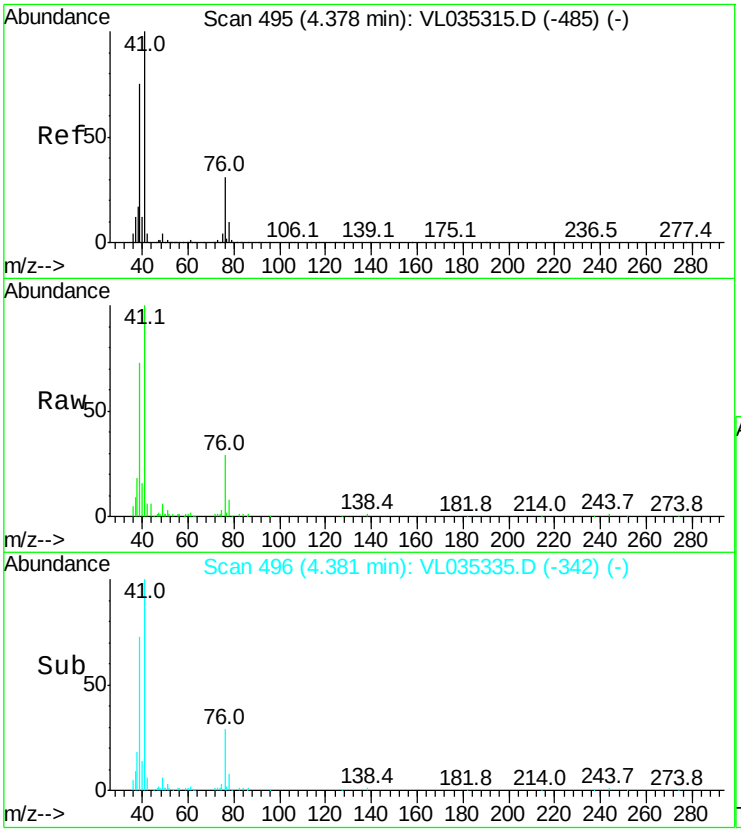


#20
Methylene Chloride
Concen: 1.108 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 84 Resp: 100941

Ion	Ratio	Lower	Upper
84	100		
49	136.4	122.8	184.2
51	33.0	40.1	60.1#
86	50.0	51.7	77.5#



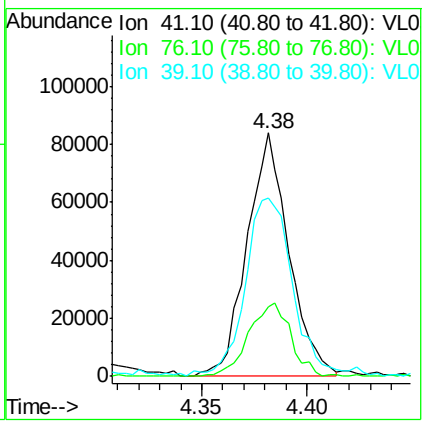


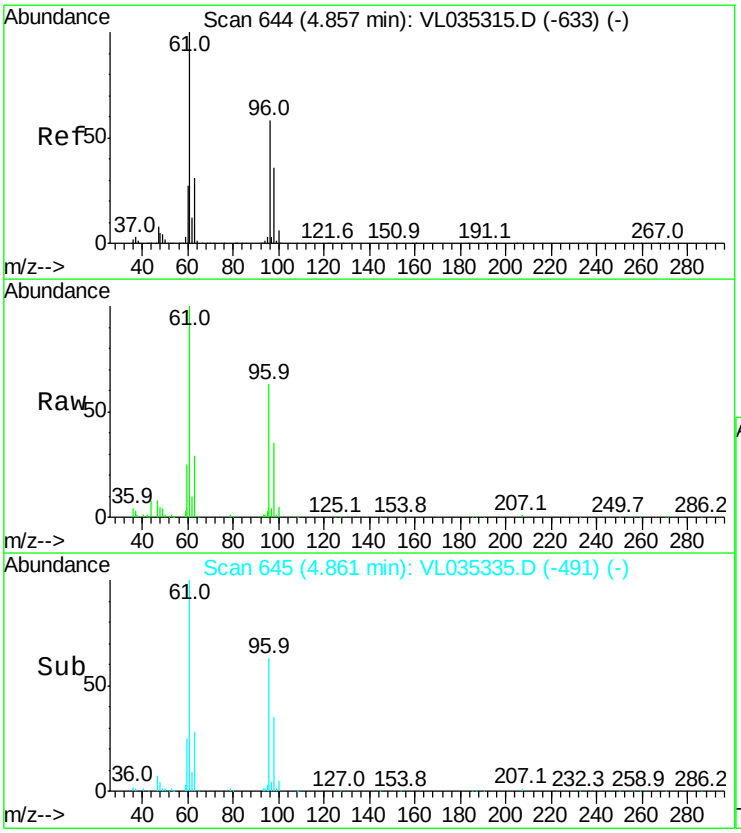
#21
Allyl Chloride
Concen: 1.018 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 41 Resp: 115008

Ion	Ratio	Lower	Upper
41	100		
76	30.8	23.8	35.6
39	84.5	65.0	97.6

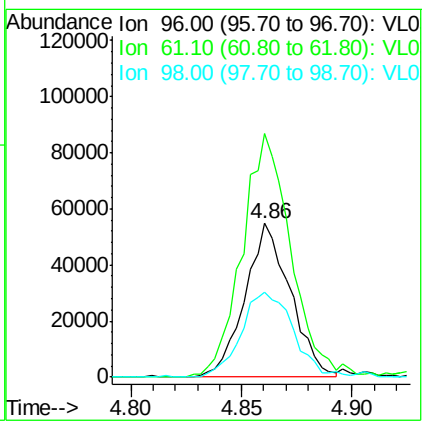


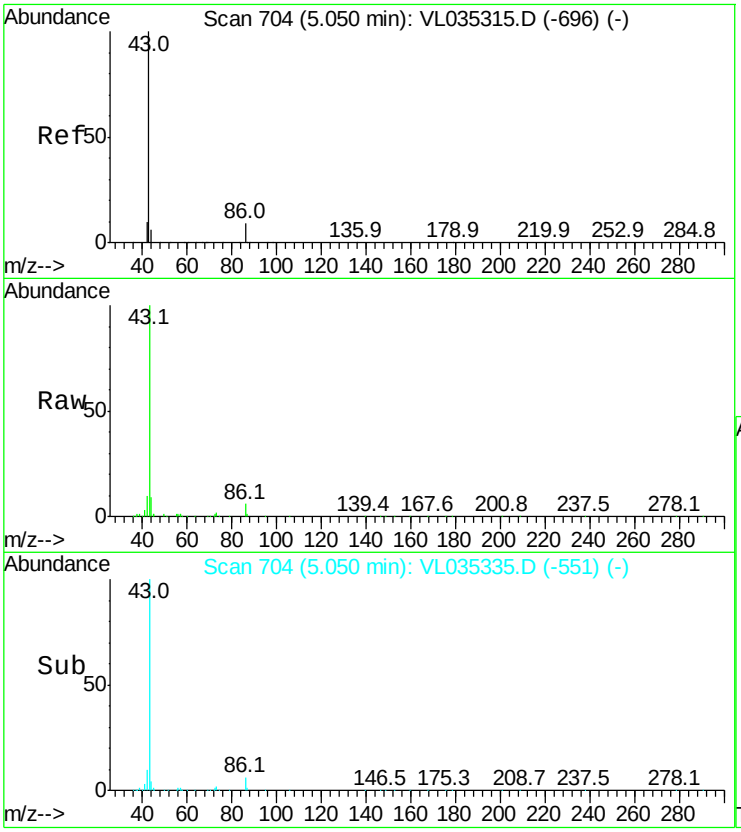


#22
trans-1,2-Dichloroethene
Concen: 1.065 ppbv
RT: 4.86 min Scan# 645
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 96 Resp: 78195

Ion	Ratio	Lower	Upper
96	100		
61	158.6	138.5	207.7
98	55.0	54.3	81.5



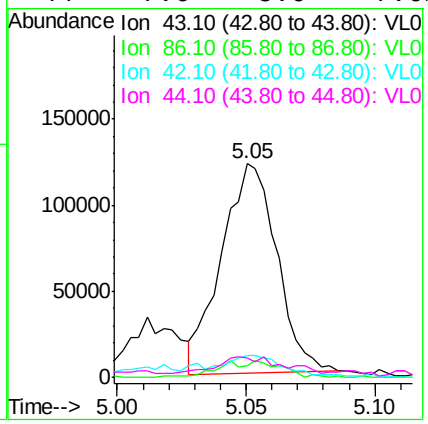


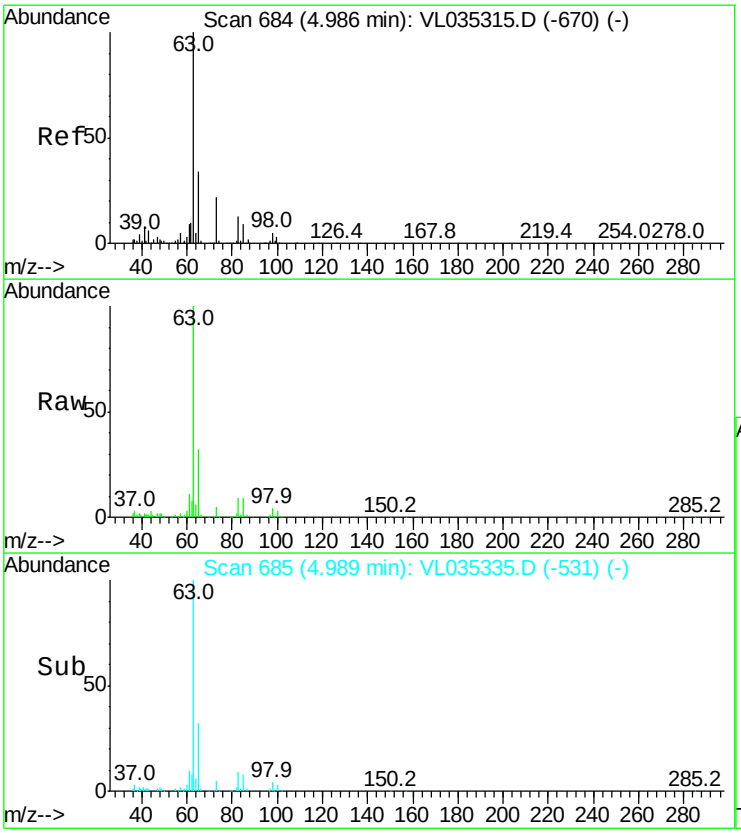
#23
Vinyl Acetate
Concen: 0.924 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 182698

Ion	Ratio	Lower	Upper
43	100		
86	6.0	6.9	10.3#
42	9.3	8.8	13.2
44	7.6	5.0	7.6#

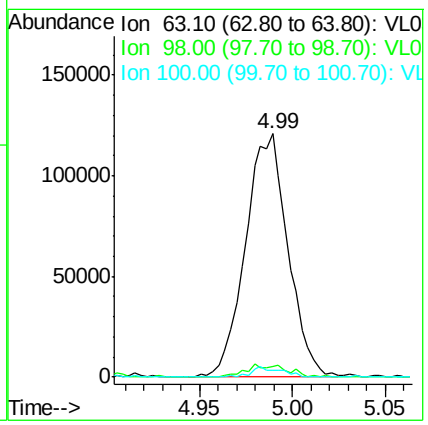


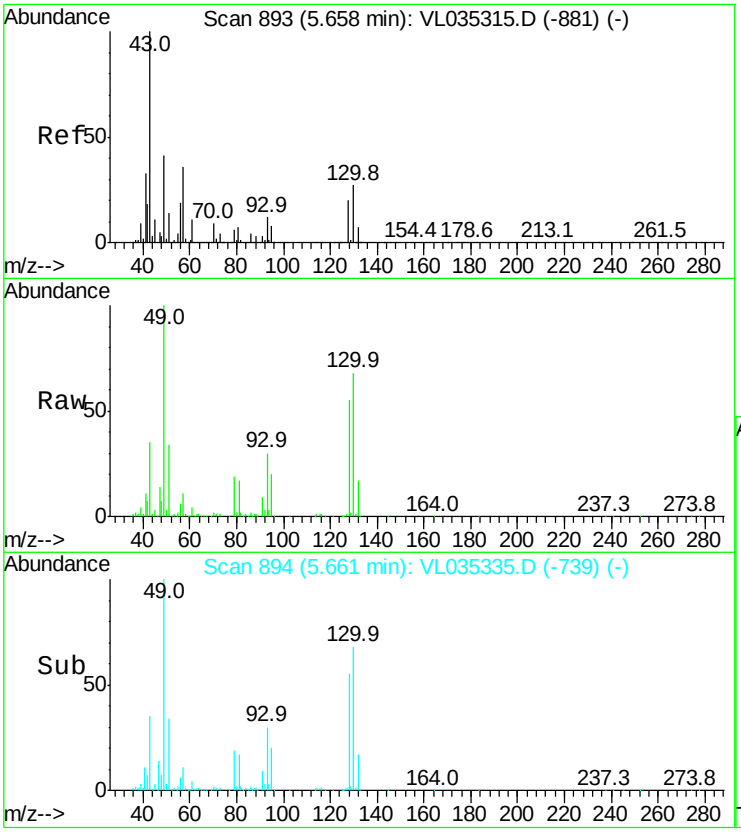


#24
1,1-Dichloroethane
Concen: 1.046 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 63 Resp: 192530

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.5	7.5
100	2.9	1.4	4.2



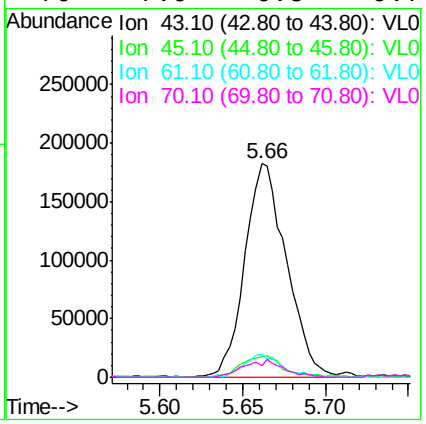


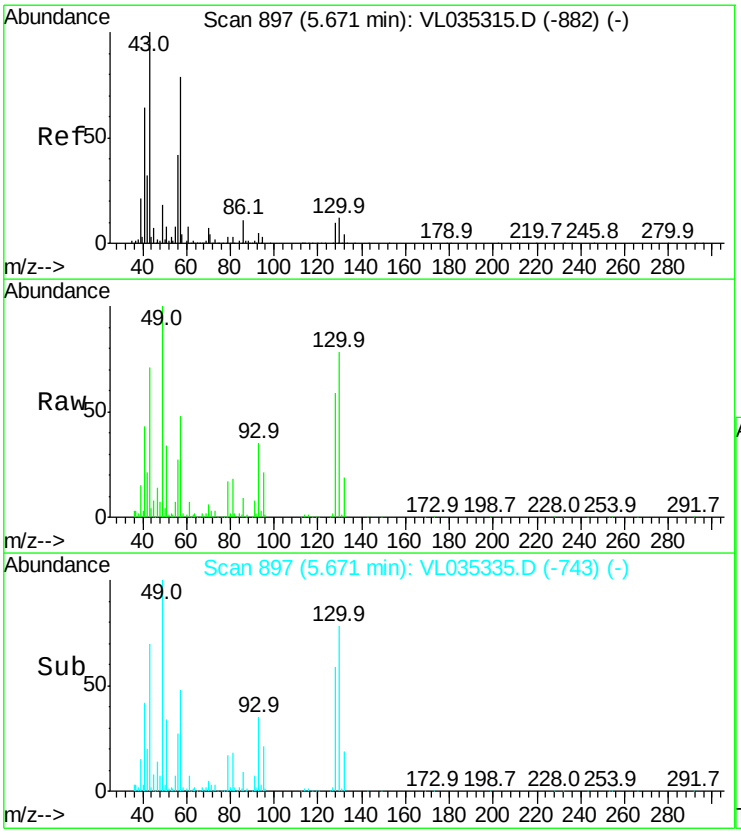
#25
Ethyl Acetate
Concen: 1.056 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 318437

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.3	8.1	12.1
70	7.9	6.5	9.7

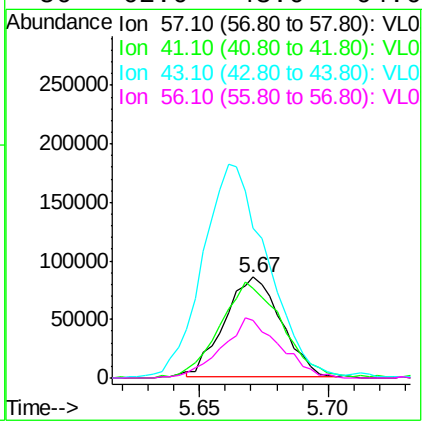


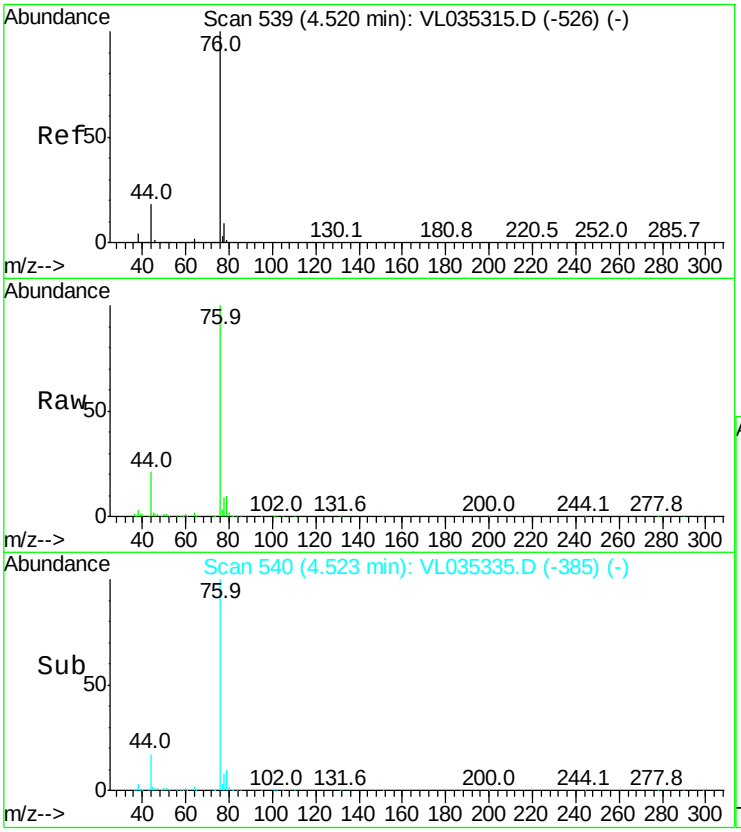


#26
Hexane
Concen: 0.956 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 57 Resp: 129116

Ion	Ratio	Lower	Upper
57	100		
41	109.5	75.2	112.8
43	249.0	180.6	270.8
56	62.0	43.0	64.6



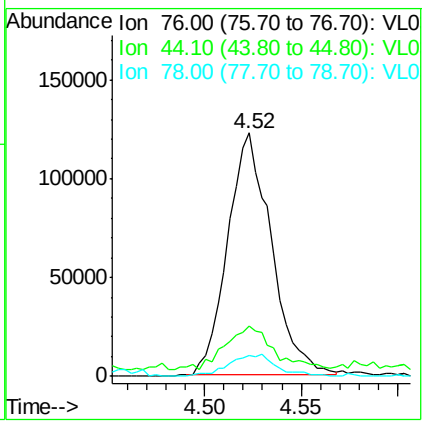


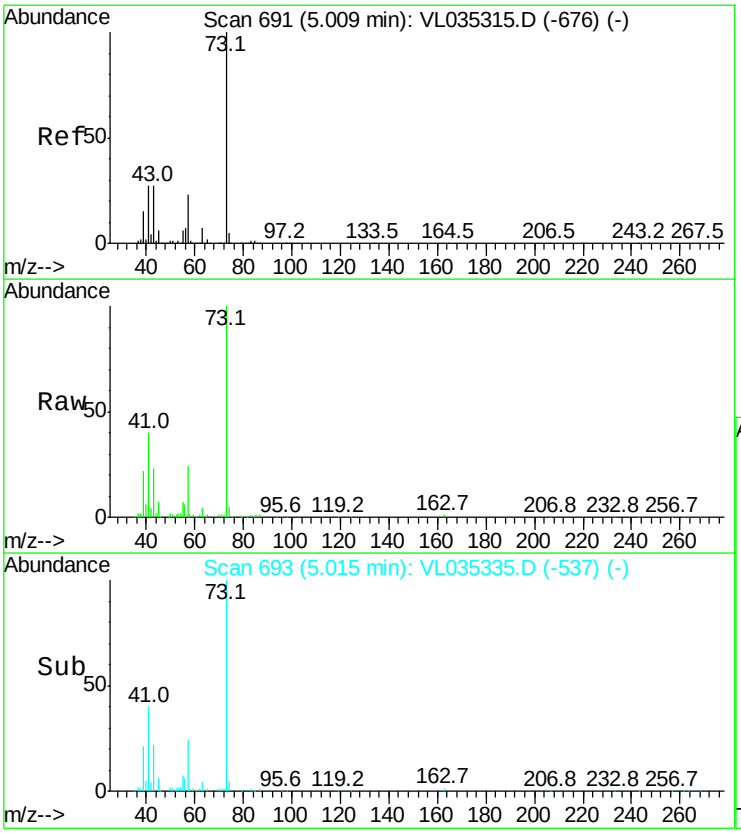
#27
Carbon Disulfide
Concen: 1.057 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 192023

Ion	Ratio	Lower	Upper
76	100		
44	21.4	15.4	23.2
78	10.2	7.7	11.5

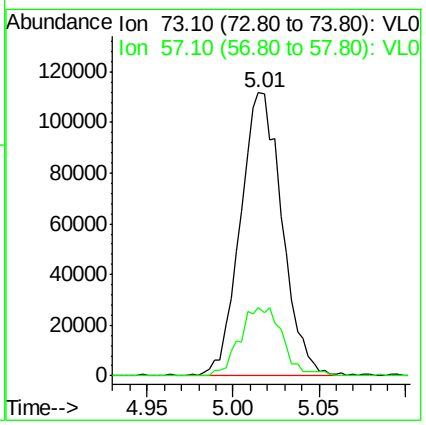


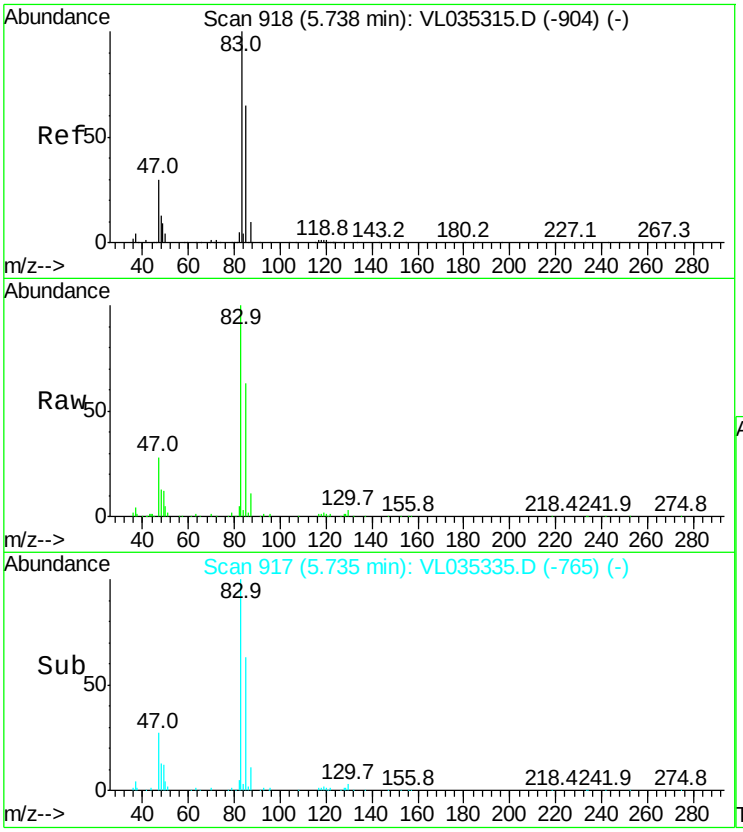


#28
Methyl tert-Butyl Ether
Concen: 0.930 ppbv
RT: 5.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 73 Resp: 188674

Ion	Ratio	Lower	Upper
73	100		
57	24.9	17.9	26.9



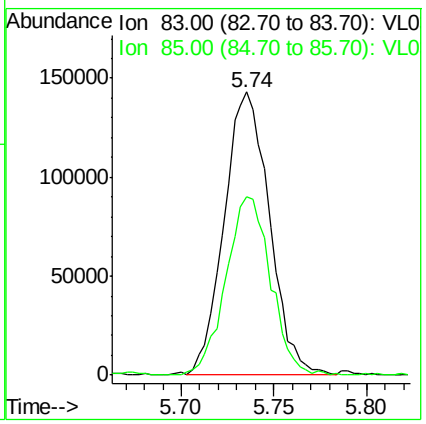


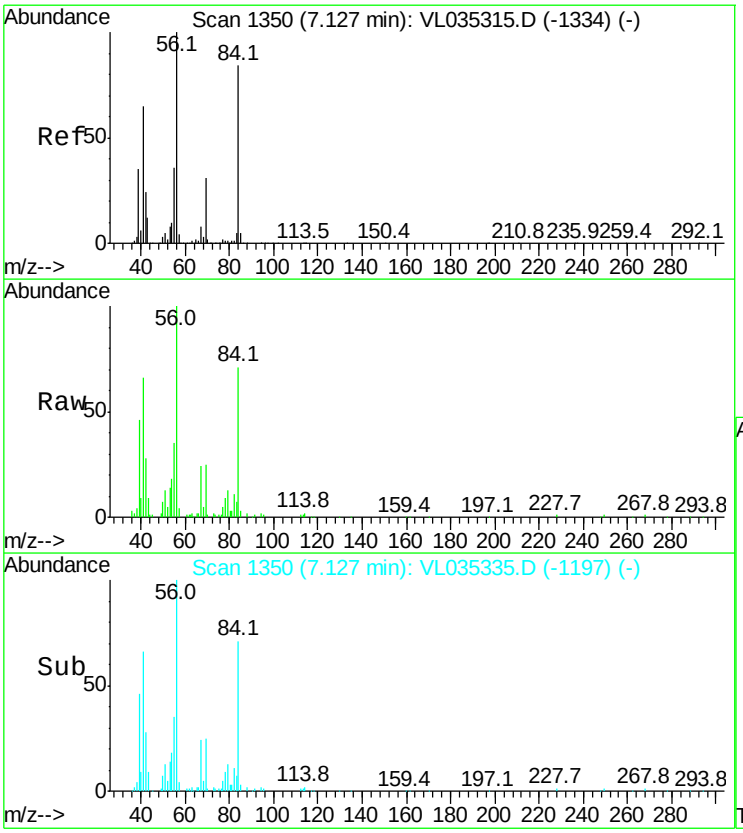
#29
Chloroform
Concen: 1.064 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 243017

Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.9	79.3

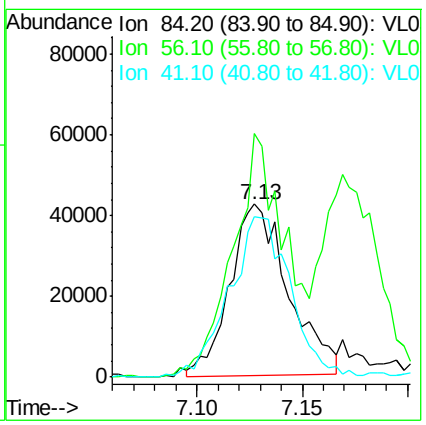


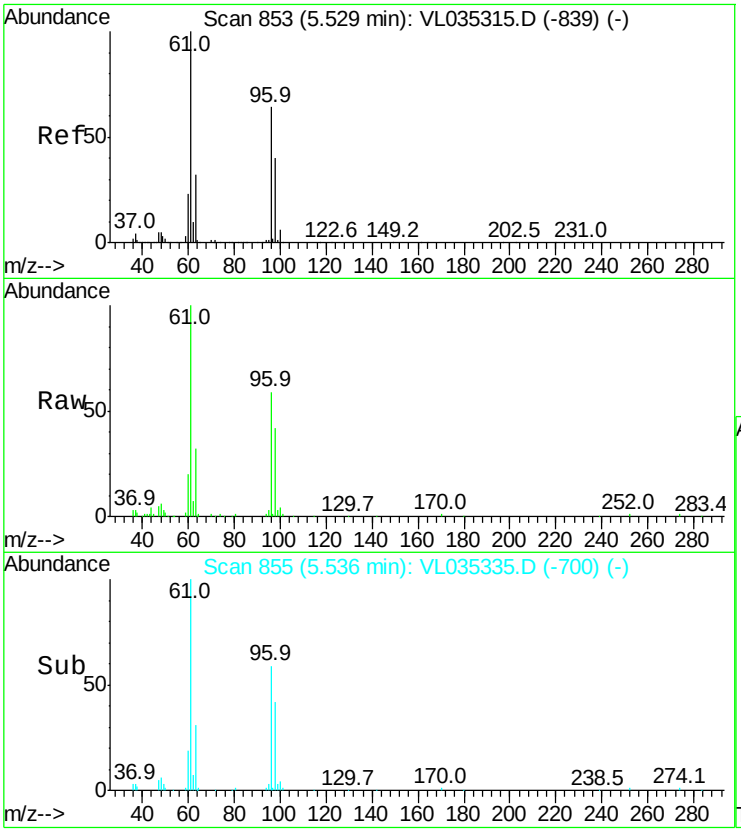


#30
Cyclohexane
Concen: 0.809 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 84 Resp: 81962

Ion	Ratio	Lower	Upper
84	100		
56	122.2	104.7	157.1
41	97.8	64.2	96.2#



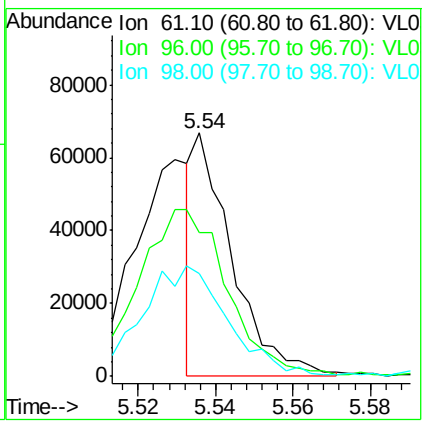


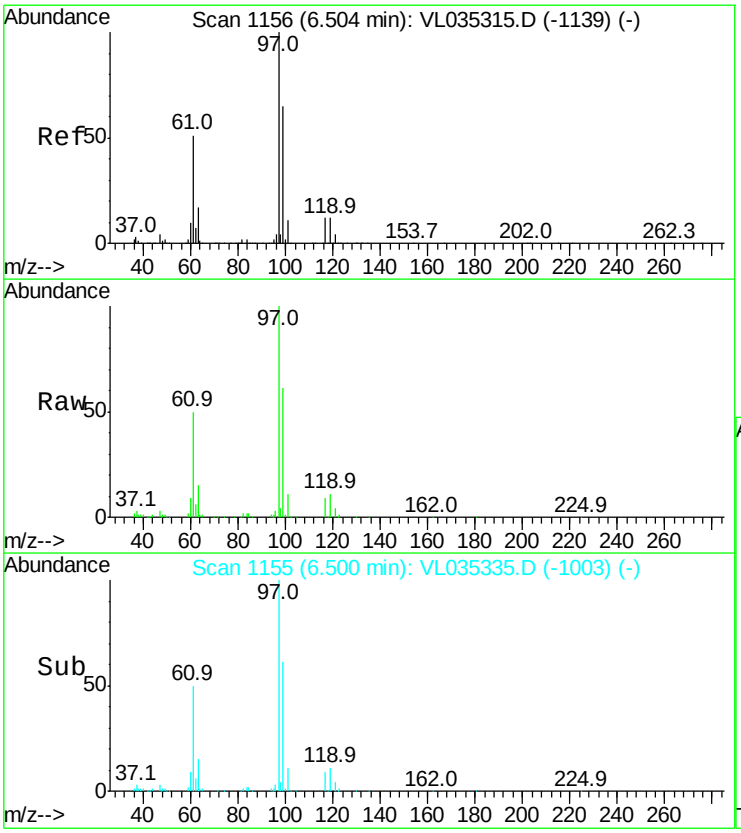
#31
cis-1,2-Dichloroethene
Concen: 0.368 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 45847

Ion	Ratio	Lower	Upper
61	100		
96	59.2	53.6	80.4
98	42.4	31.0	46.4

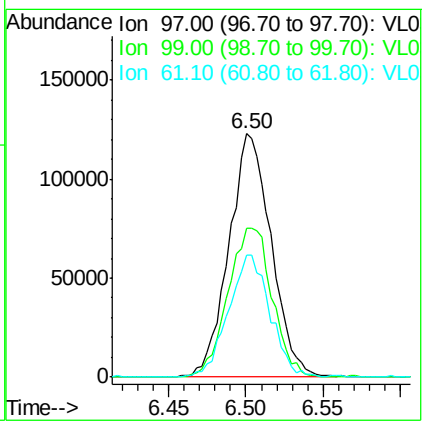


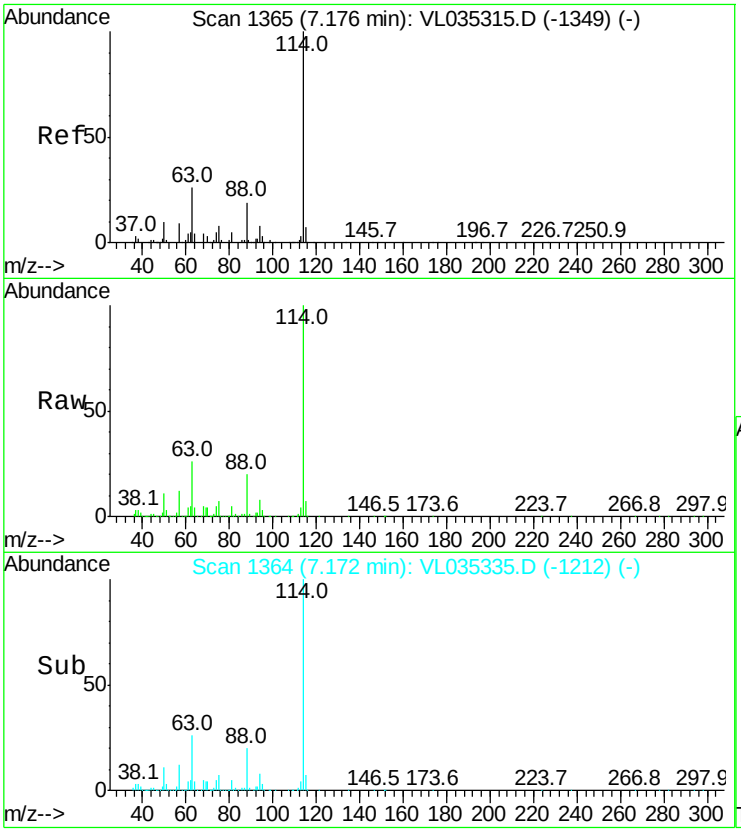


#32
1,1,1-Trichloroethane
Concen: 1.050 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 97 Resp: 232010

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.4
61	49.6	40.9	61.3



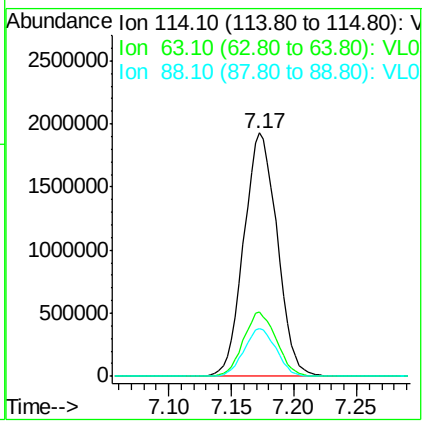


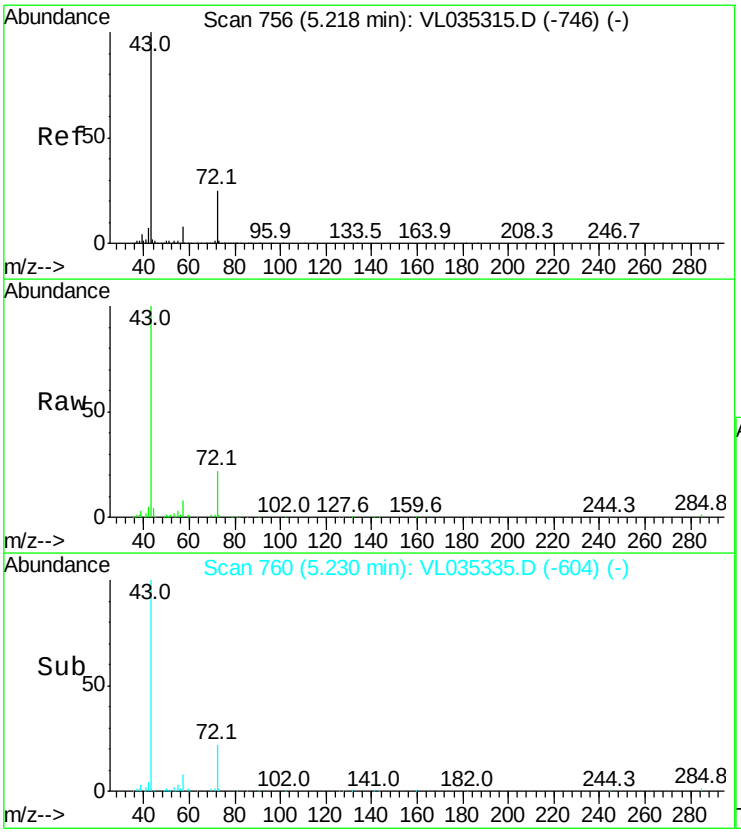
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 3569446

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.3	31.9
88	18.9	15.3	22.9

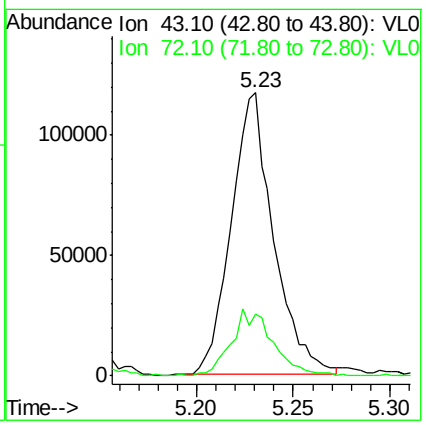


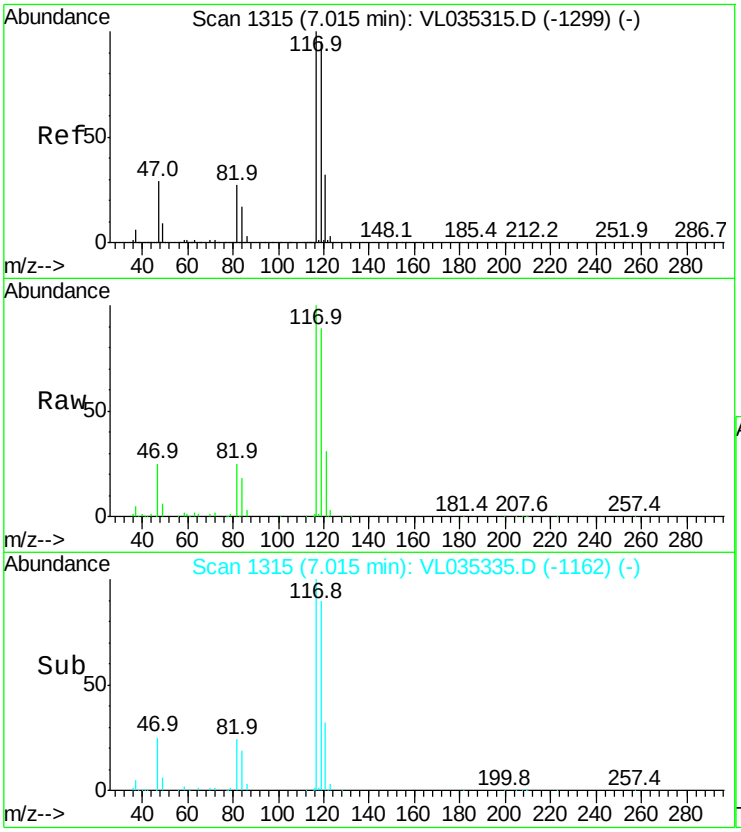


#34
2-Butanone
Concen: 0.948 ppbv
RT: 5.23 min Scan# 760
Delta R.T. 0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 43 Resp: 178154

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.9	28.3



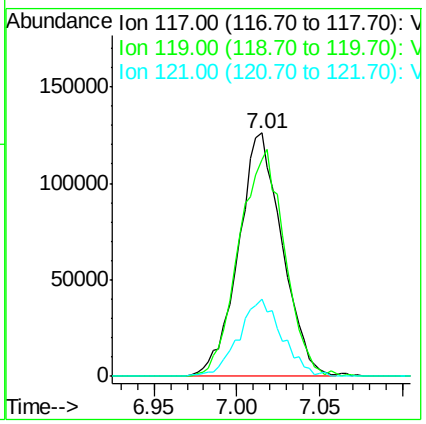


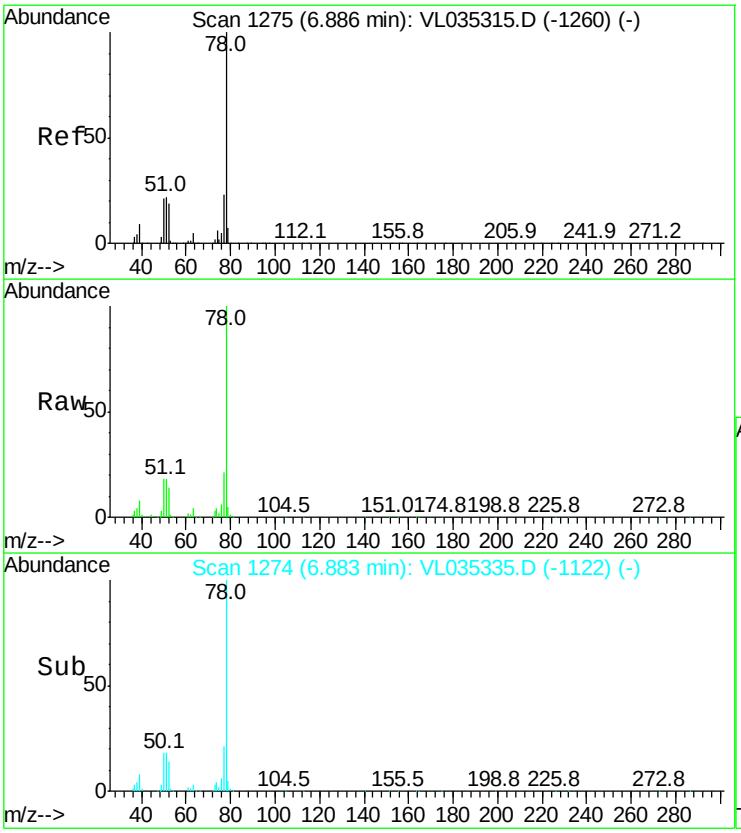
#35
Carbon Tetrachloride
Concen: 1.002 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:117 Resp: 231401

Ion	Ratio	Lower	Upper
117	100		
119	88.0	77.0	115.6
121	31.2	26.0	39.0

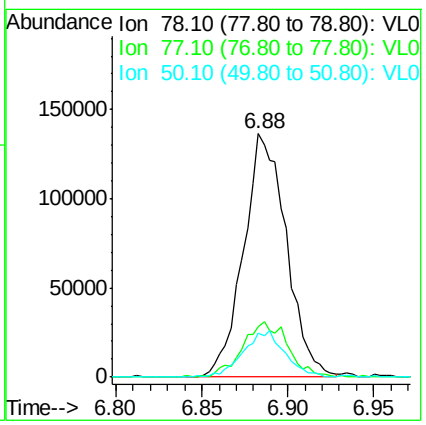


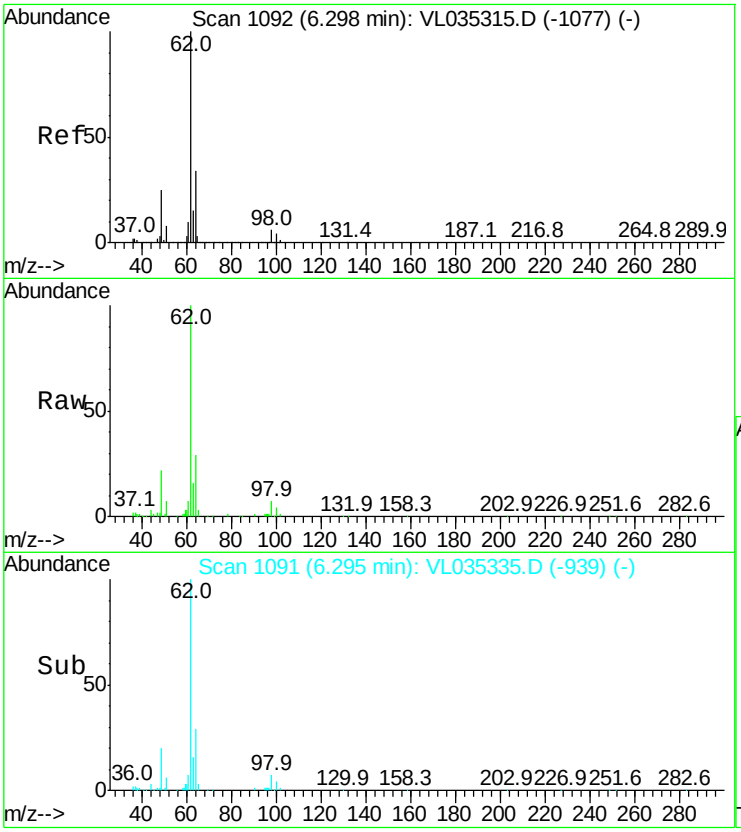


#36
Benzene
Concen: 0.899 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 78 Resp: 235247

Ion	Ratio	Lower	Upper
78	100		
77	20.2	19.3	28.9
50	17.6	16.3	24.5



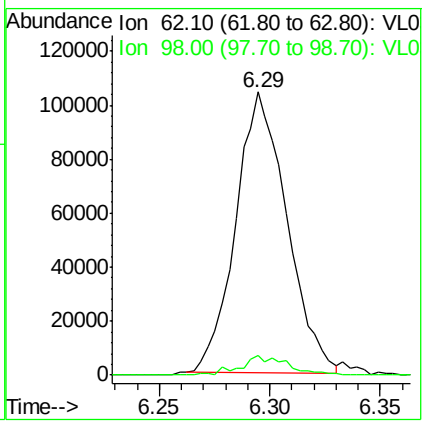


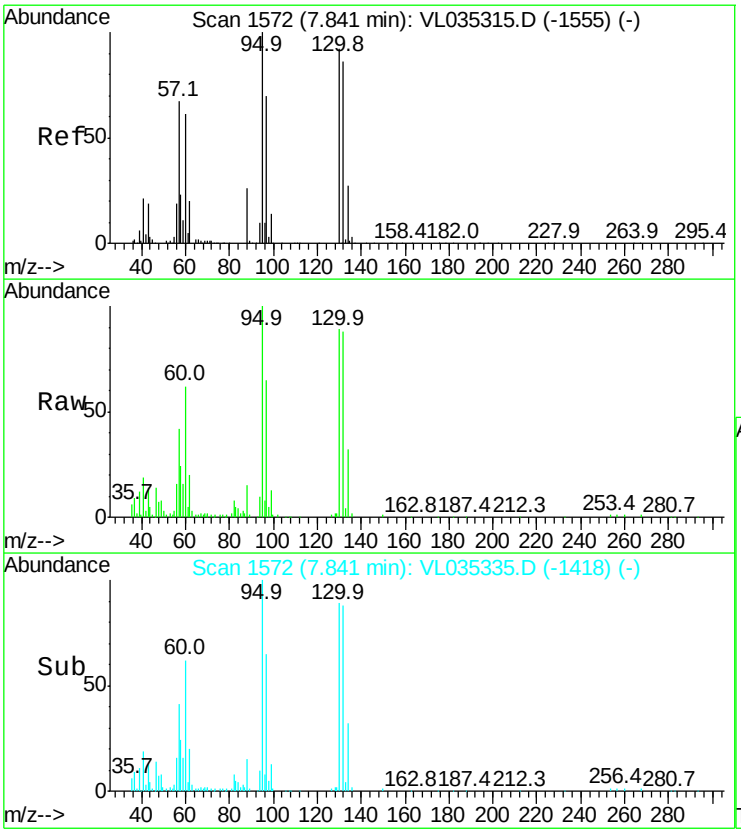
#37
1,2-Dichloroethane
Concen: 0.947 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 167846

Ion	Ratio	Lower	Upper
62	100		
98	6.6	4.6	7.0

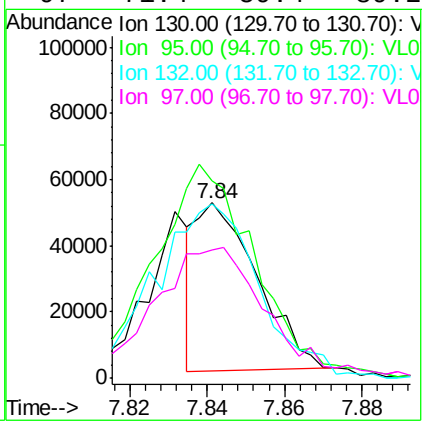


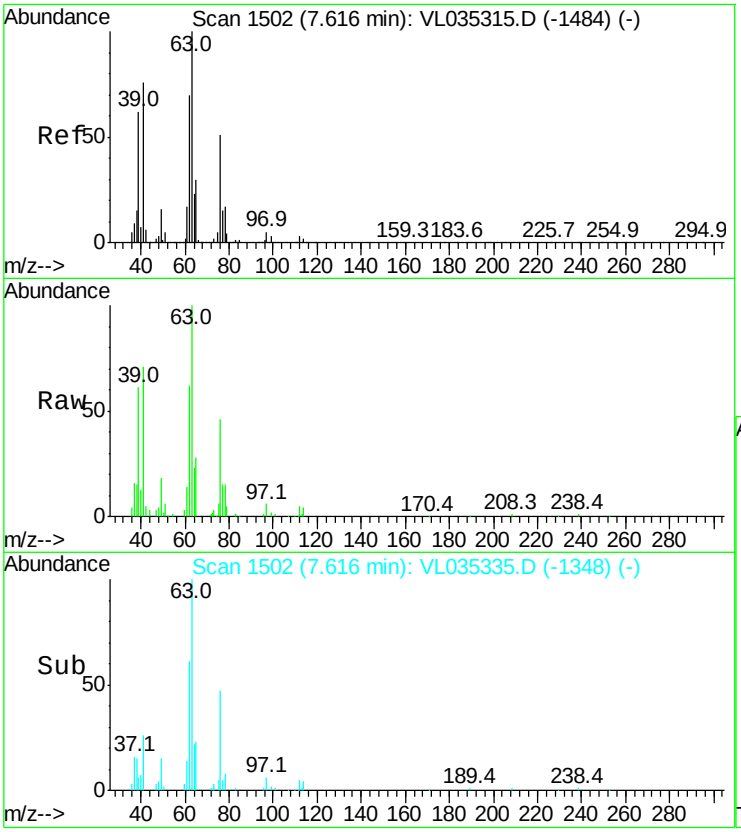


#38
Trichloroethene
Concen: 0.578 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:130 Resp: 55550

Ion	Ratio	Lower	Upper
130	100		
95	112.0	93.4	140.2
132	103.1	76.1	114.1
97	71.4	59.4	89.2



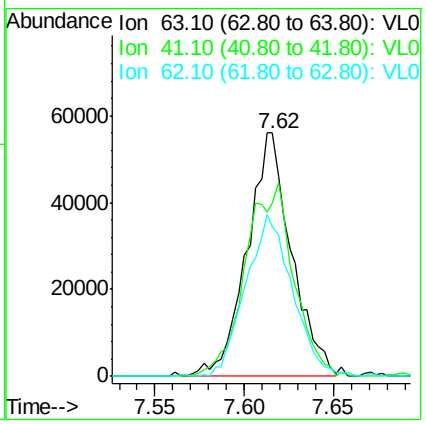


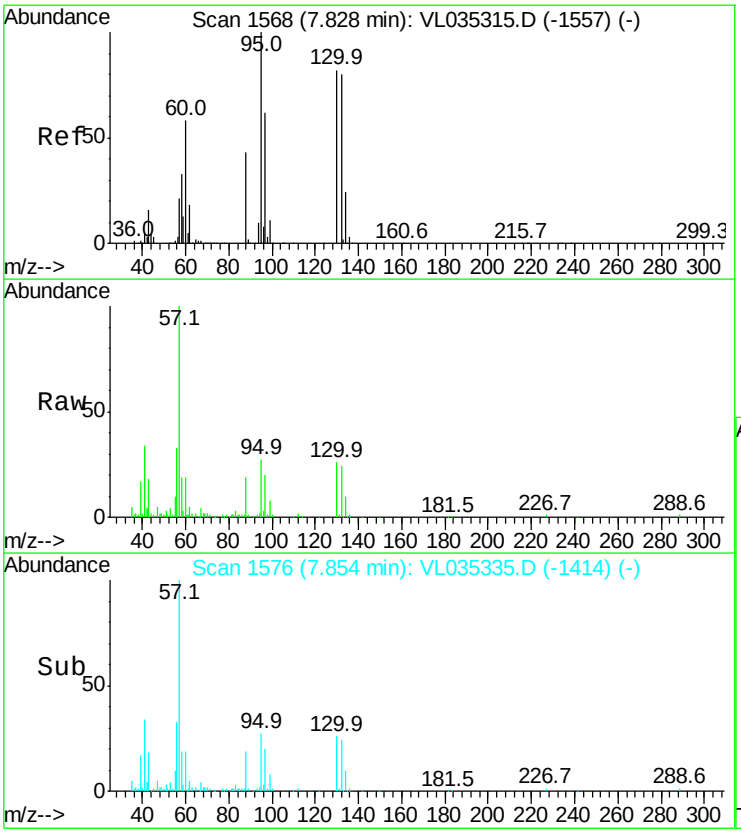
#39
1,2-Dichloropropane
Concen: 0.946 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 97545

Ion	Ratio	Lower	Upper
63	100		
41	71.2	64.4	96.6
62	61.2	52.6	78.8

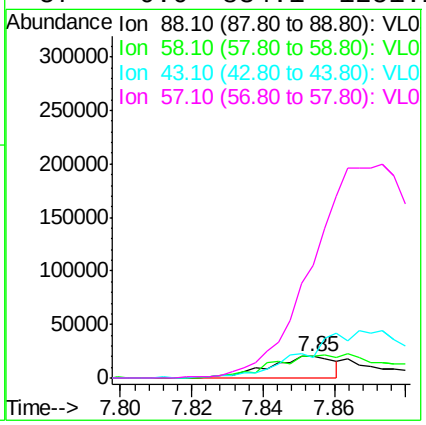


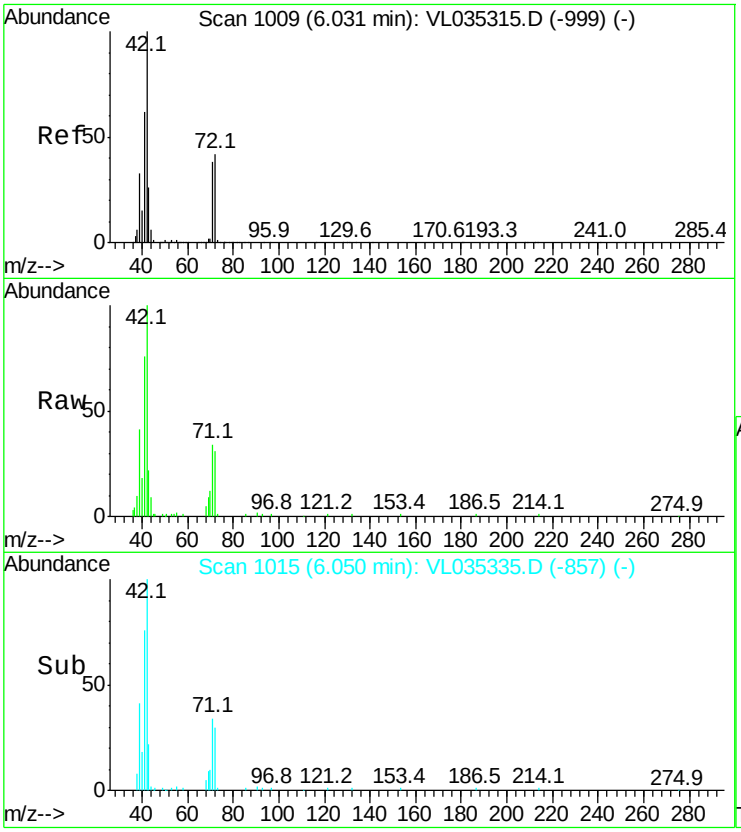


#40
1,4-Dioxane
Concen: 0.572 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 88 Resp: 25607

Ion	Ratio	Lower	Upper
88	100		
58	0.0	96.7	145.1#
43	0.0	190.7	286.1#
57	0.0	834.1	1251.1#



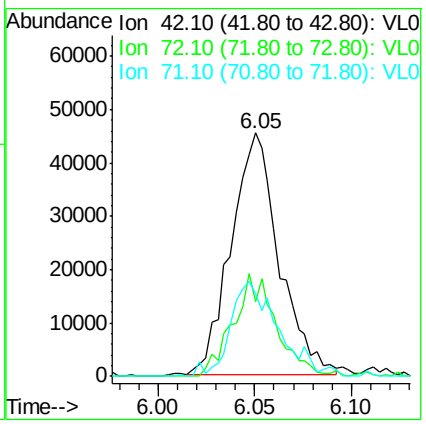


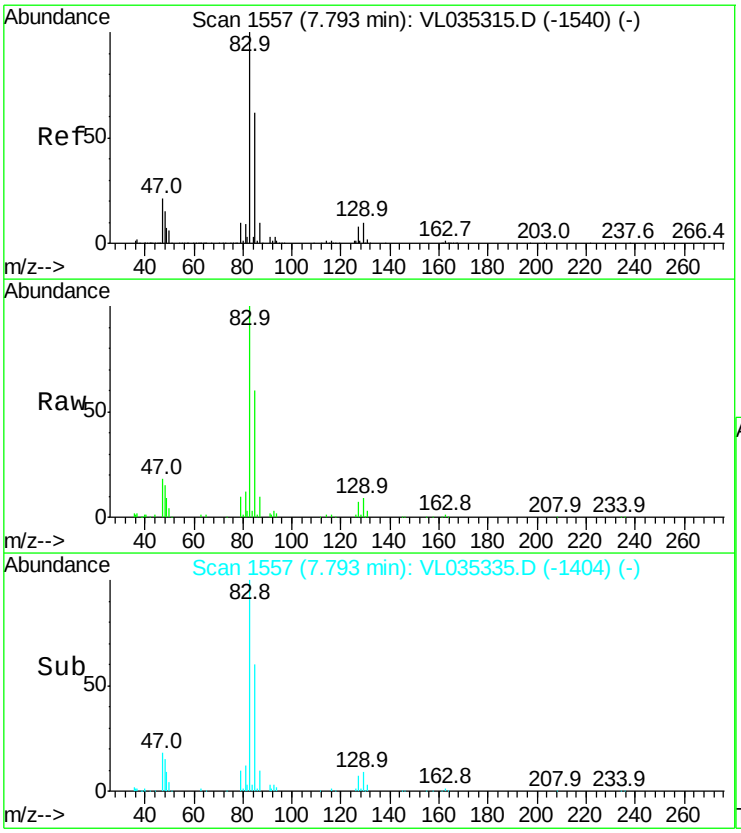
#41
Tetrahydrofuran
Concen: 0.844 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 78278

Ion	Ratio	Lower	Upper
42	100		
72	38.8	33.6	50.4
71	39.4	33.1	49.7

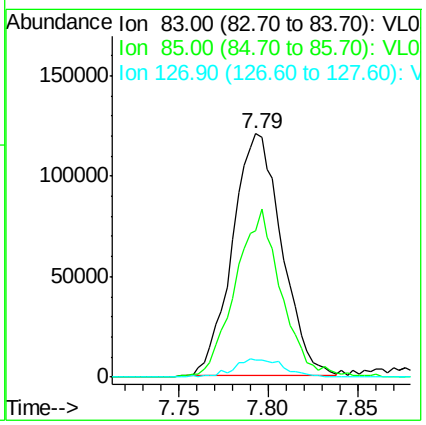


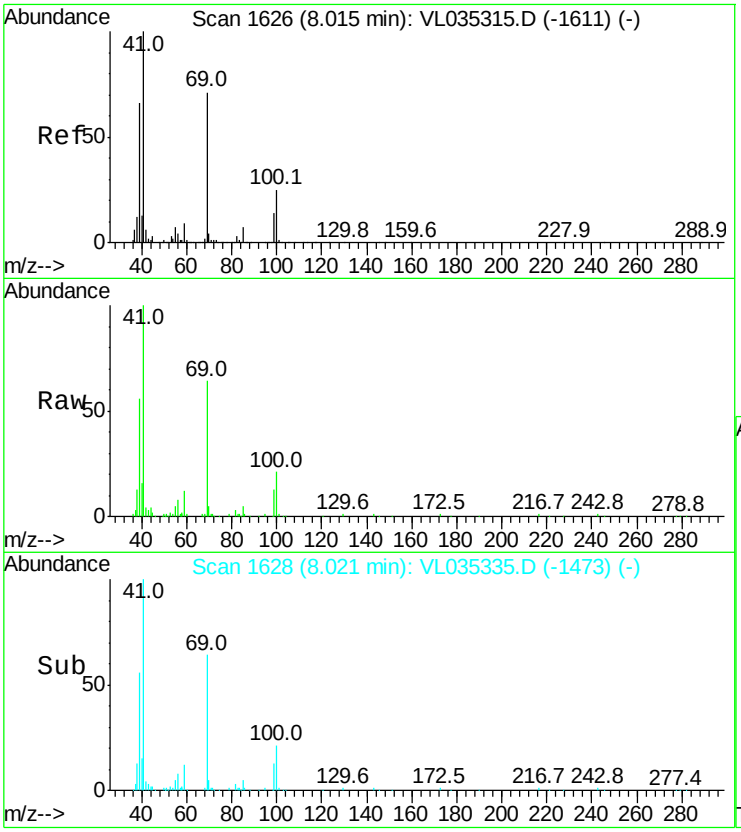


#42
Bromodichloromethane
Concen: 0.959 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 83 Resp: 231855

Ion	Ratio	Lower	Upper
83	100		
85	59.7	53.1	79.7
127	6.6	6.8	10.2#



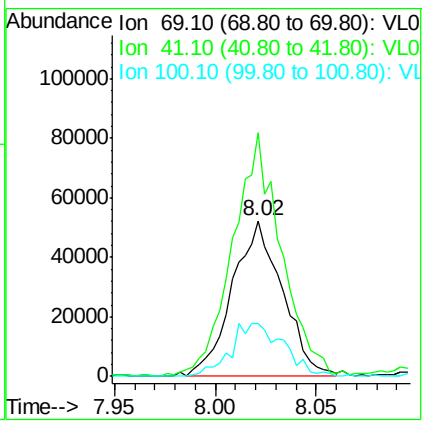


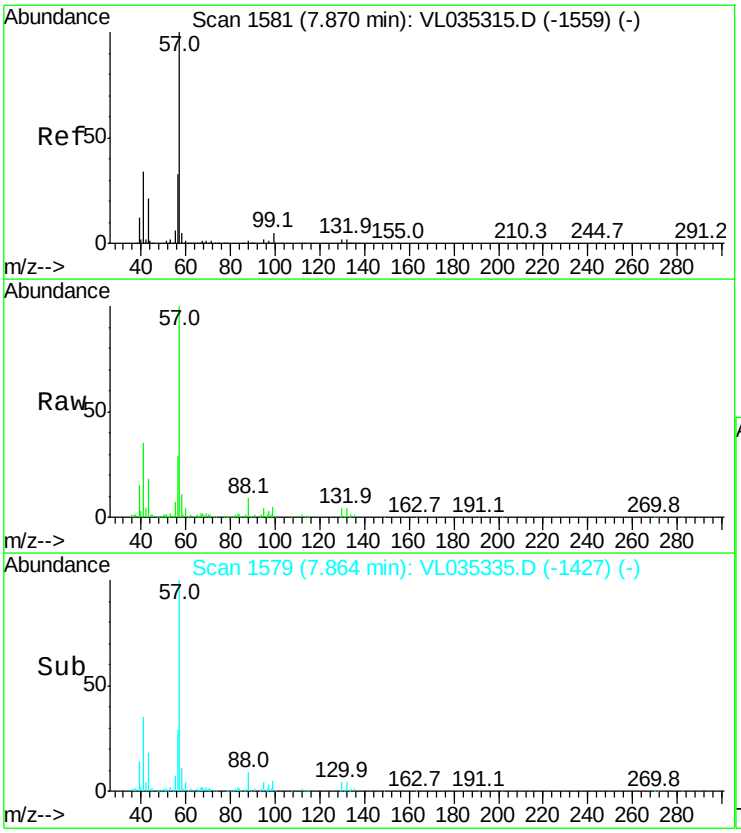
#43
Methyl Methacrylate
Concen: 0.821 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 69 Resp: 89798

Ion	Ratio	Lower	Upper
69	100		
41	153.9	115.8	173.6
100	36.4	26.7	40.1

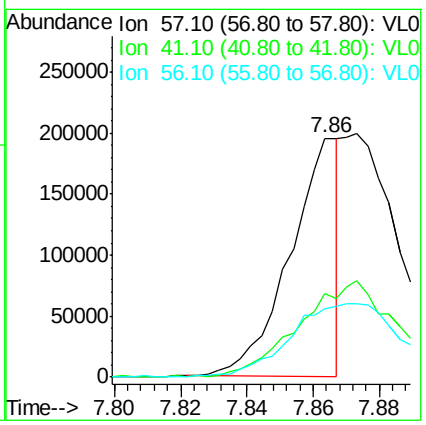


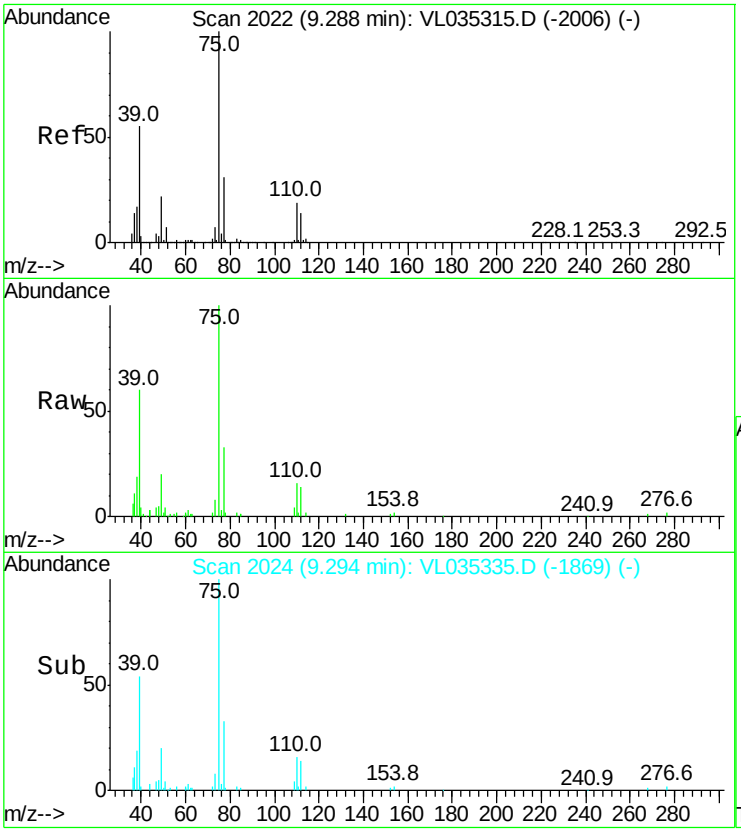


#44
2,2,4-Trimethylpentane
Concen: 0.442 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 57 Resp: 198312

Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.9	41.9#
56	0.0	25.4	38.0#



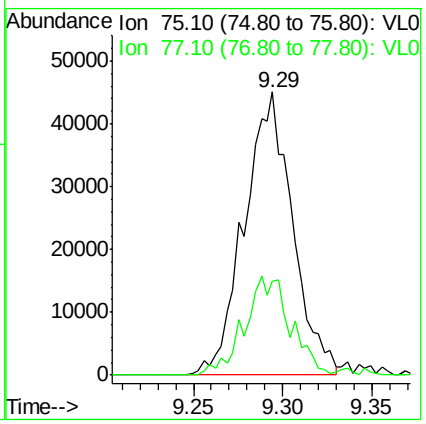


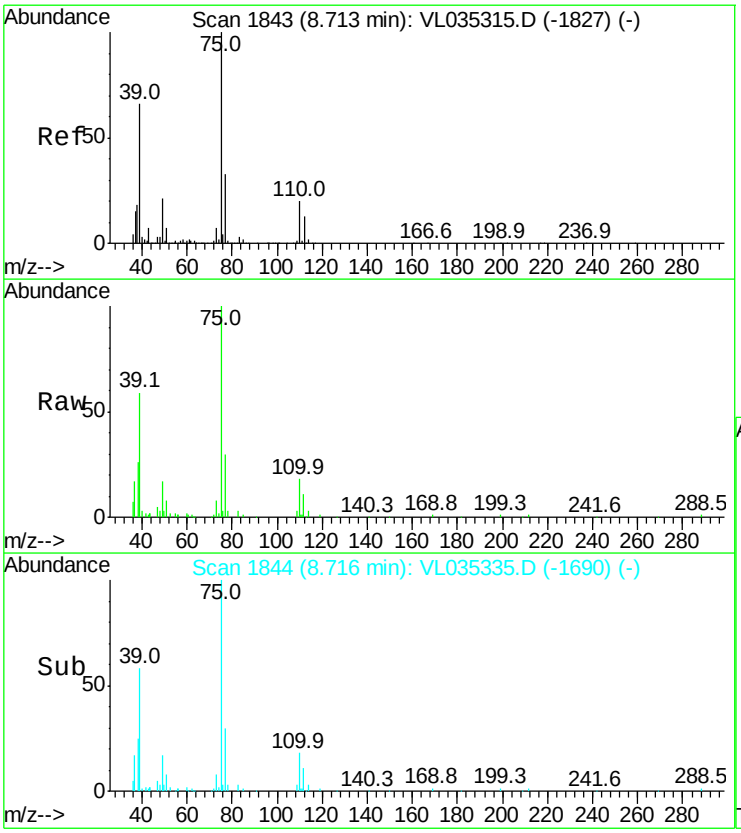
#45
t-1,3-Dichloropropene
Concen: 0.727 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 84834

Ion	Ratio	Lower	Upper
75	100		
77	33.3	27.0	40.6

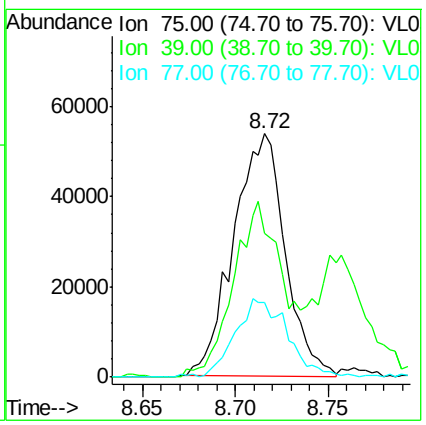


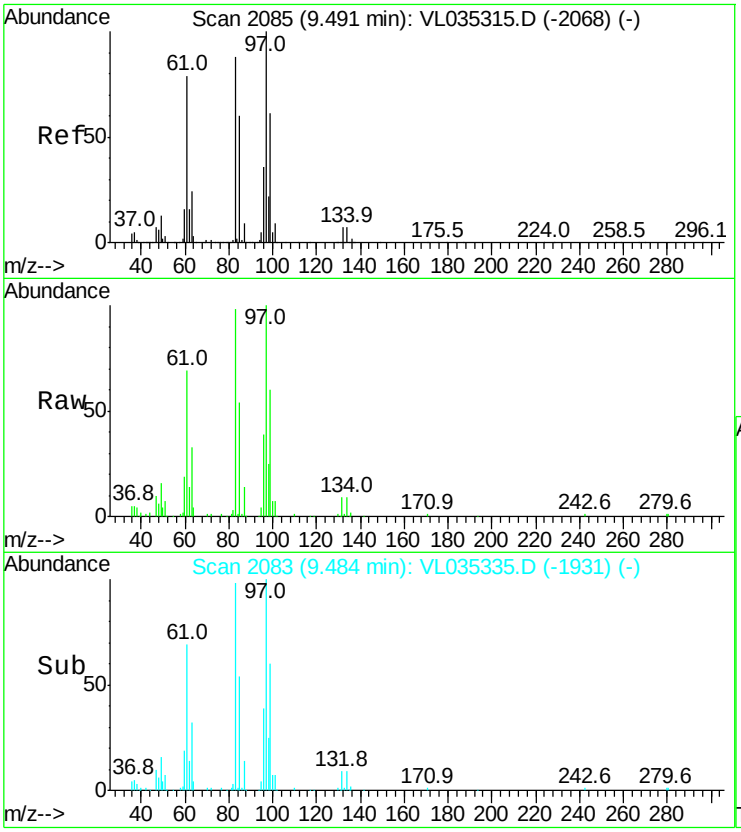


#46
cis-1,3-Dichloropropene
Concen: 0.744 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 75 Resp: 103974

Ion	Ratio	Lower	Upper
75	100		
39	56.4	54.2	81.2
77	29.7	25.4	38.2



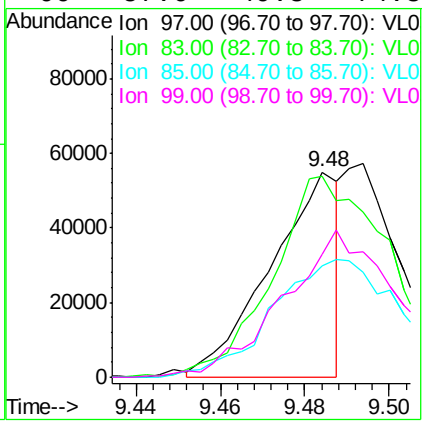


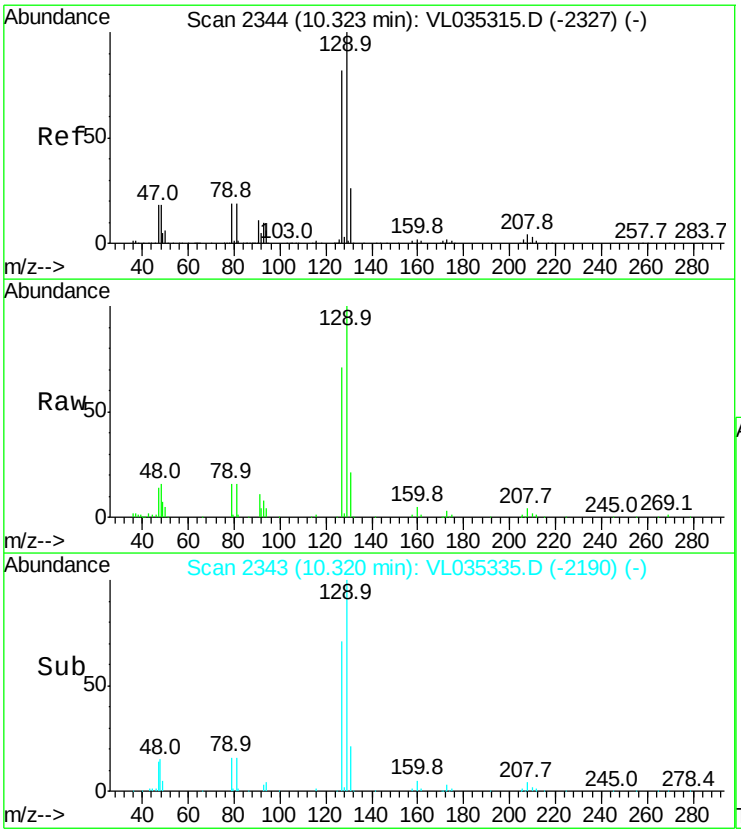
#47
1,1,2-Trichloroethane
Concen: 0.515 ppbv
RT: 9.48 min Scan# 2083
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 97 Resp: 61680

Ion	Ratio	Lower	Upper
97	100		
83	96.2	71.3	106.9
85	52.5	43.3	64.9
99	57.6	49.8	74.8

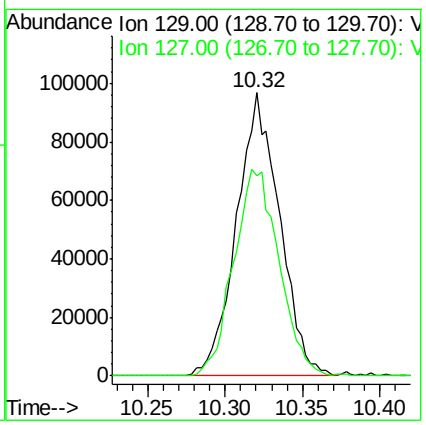


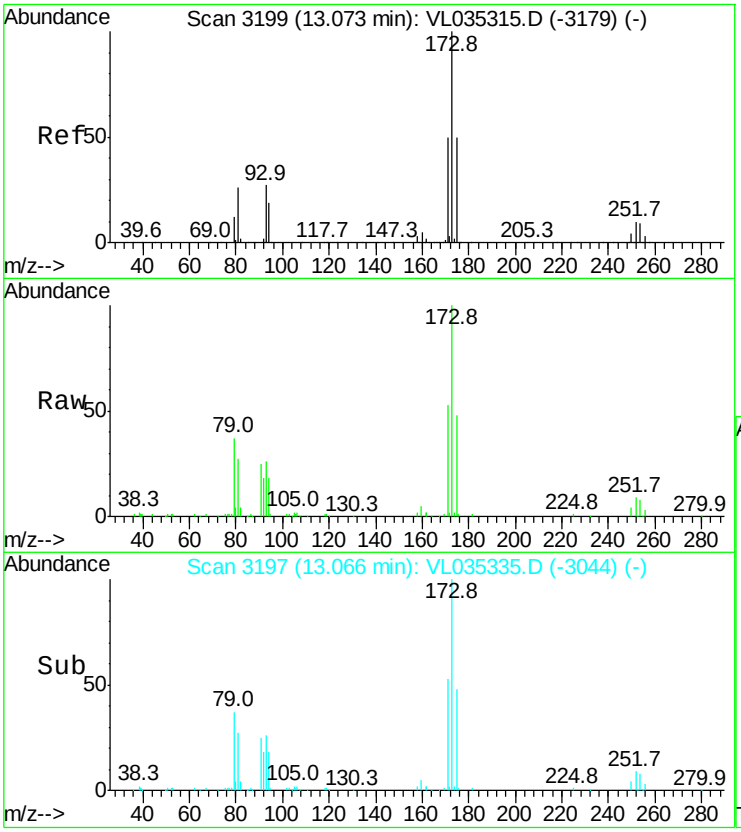


#48
Dibromochloromethane
Concen: 0.958 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:129 Resp: 186578

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.2



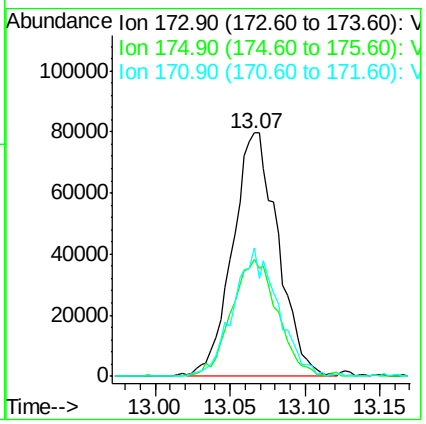


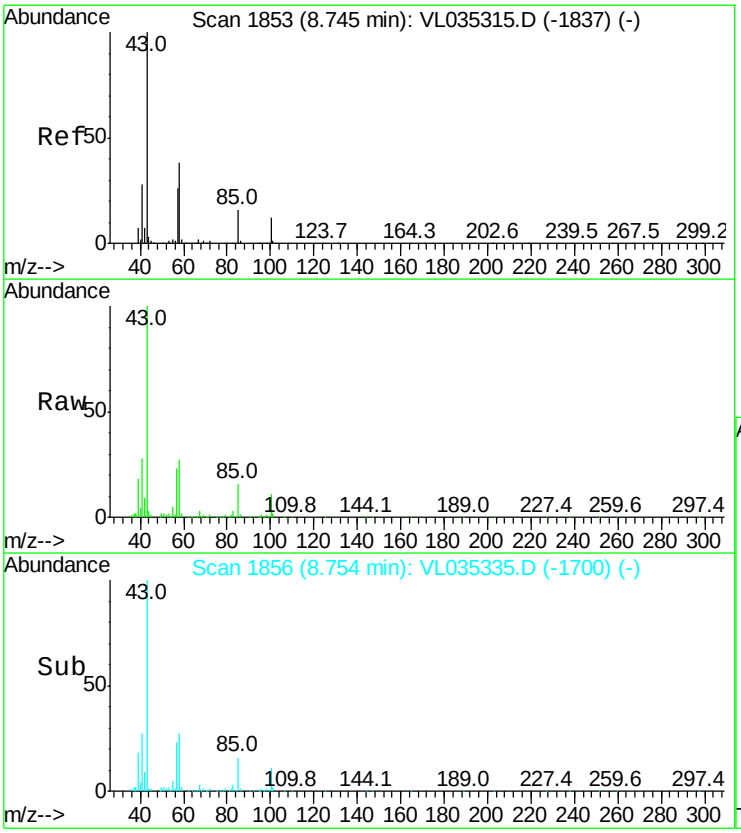
#49
Bromoform
Concen: 0.991 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 168189

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.3	58.9
171	51.7	41.2	61.8

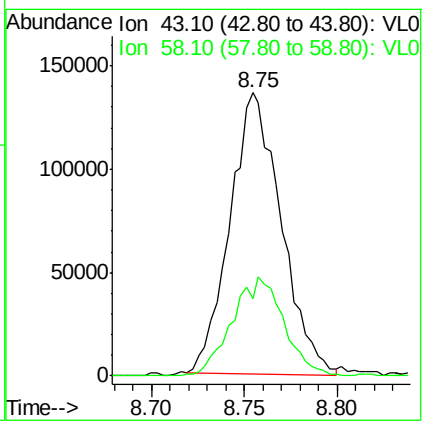


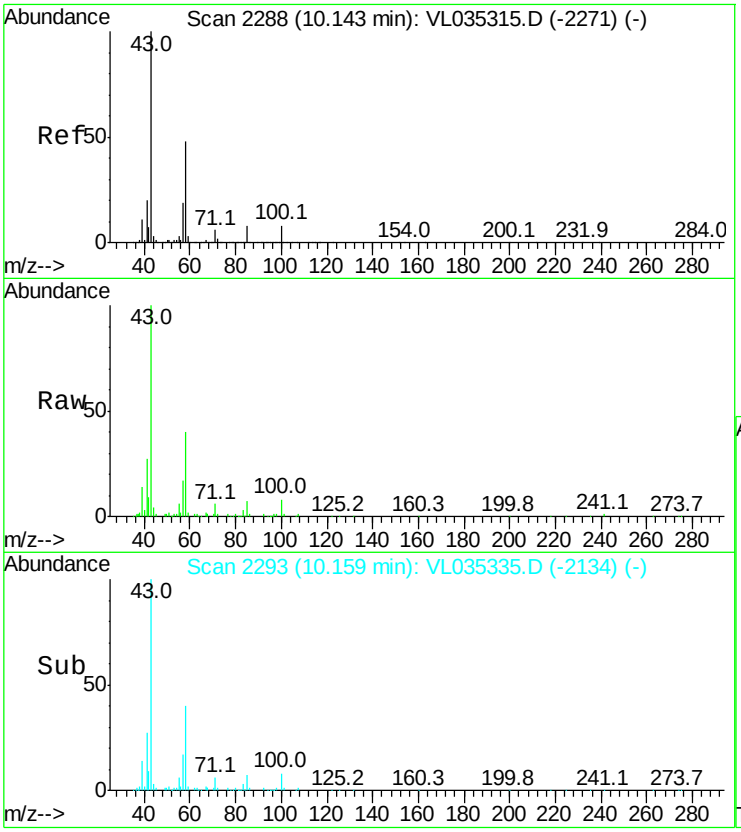


#50
4-Methyl-2-Pentanone
Concen: 0.983 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 43 Resp: 260850

Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.2	43.8



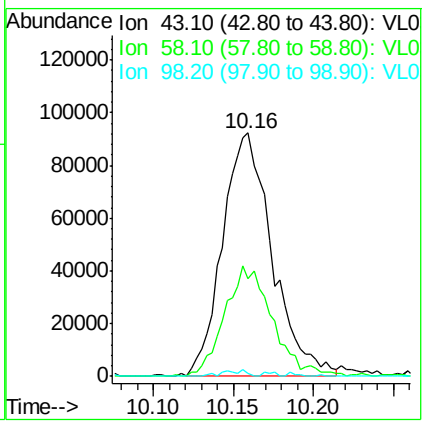


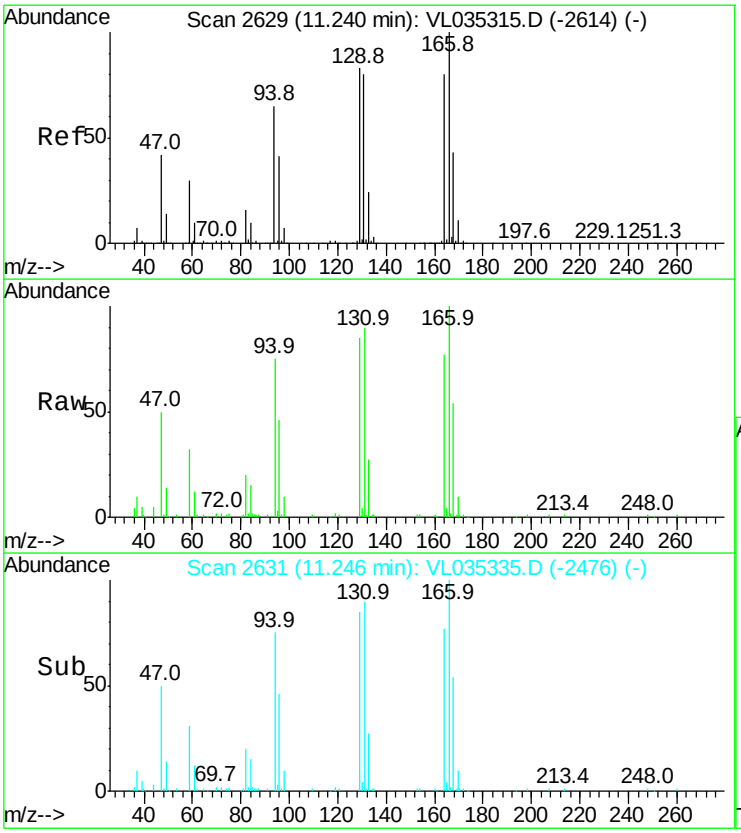
#51
2-Hexanone
Concen: 0.954 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 195985

Ion	Ratio	Lower	Upper
43	100		
58	44.3	39.4	59.2
98	2.1	0.2	0.4#

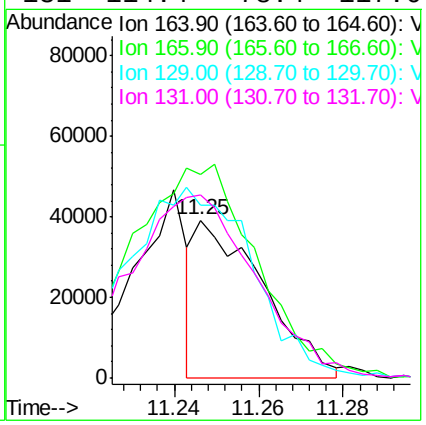


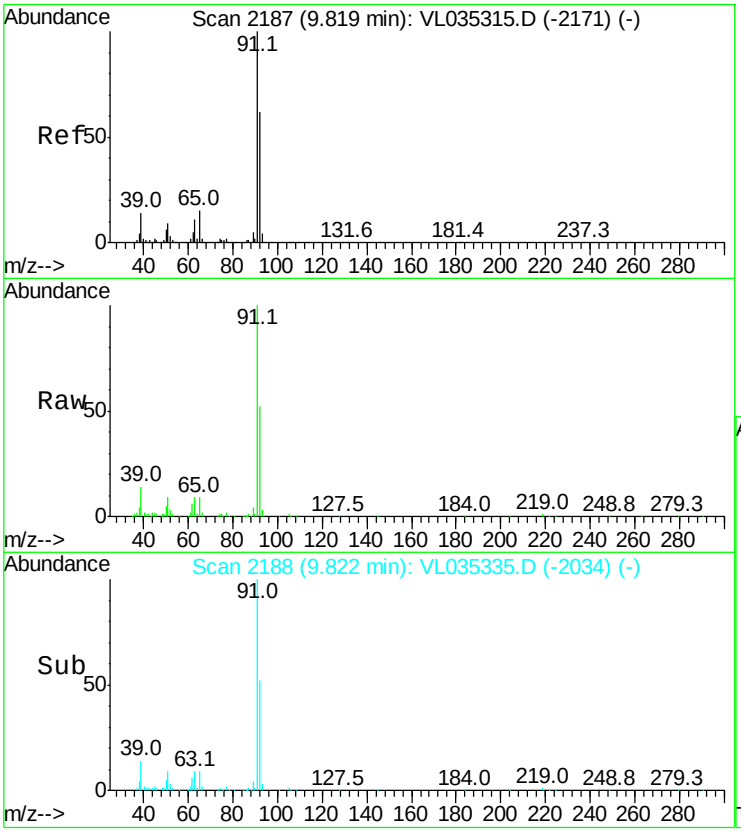


#52
Tetrachloroethene
Concen: 0.472 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:164 Resp: 43528

Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.4	152.0
129	111.9	82.1	123.1
131	114.4	78.4	117.6



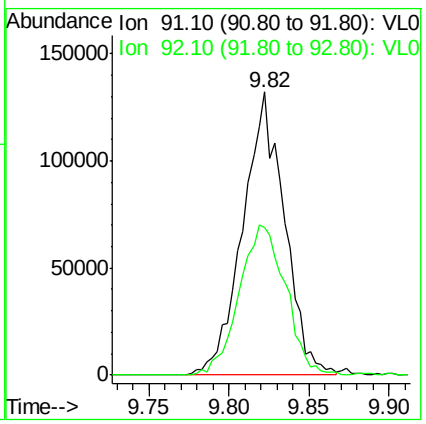


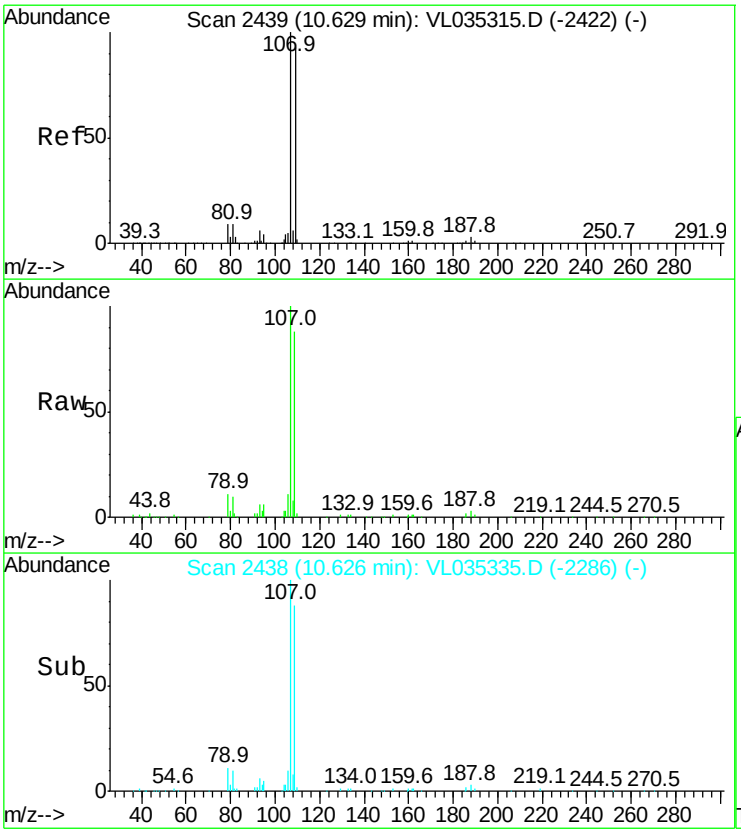
#53
Toluene
Concen: 0.855 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 235191

Ion	Ratio	Lower	Upper
91	100		
92	59.5	48.5	72.7

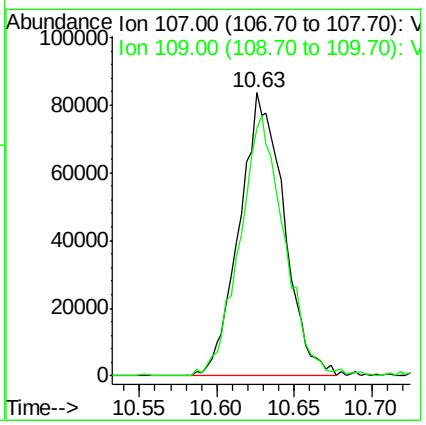


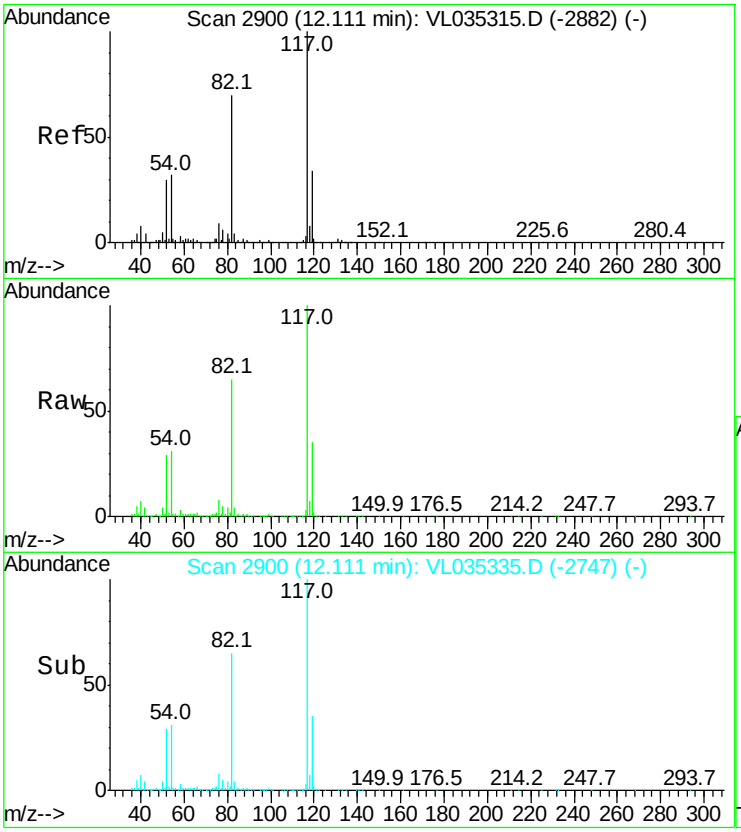


#54
1,2-Dibromoethane
Concen: 0.946 ppbv
RT: 10.63 min Scan# 2438
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:107 Resp: 167568

Ion	Ratio	Lower	Upper
107	100		
109	87.6	76.8	115.2



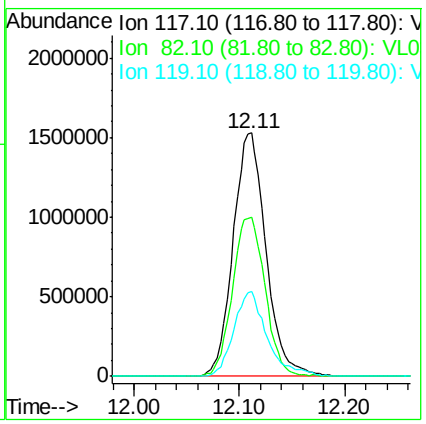


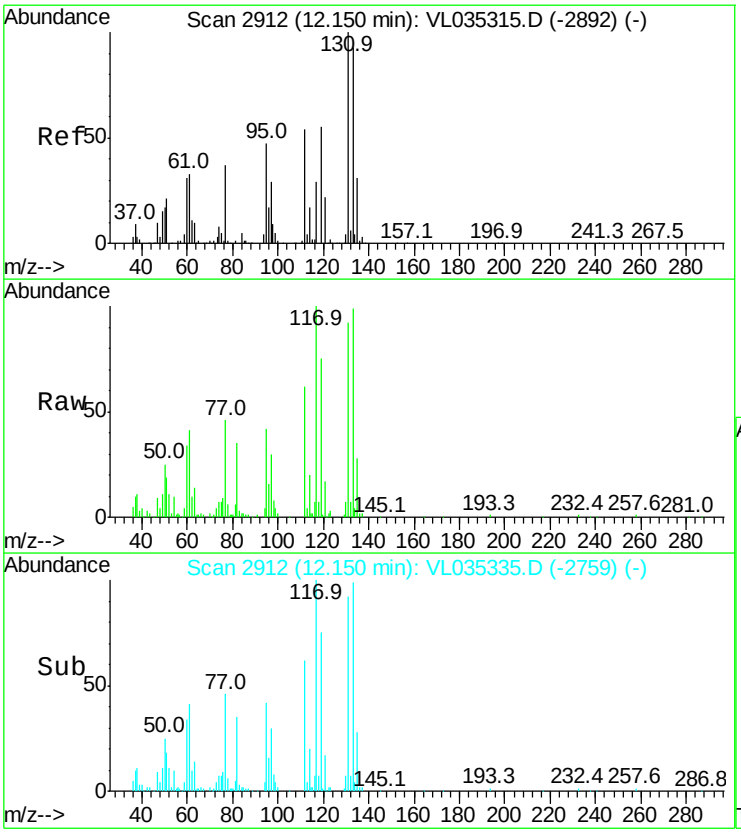
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 3305521

Ion	Ratio	Lower	Upper
117	100		
82	65.1	51.0	76.4
119	35.4	24.7	37.1

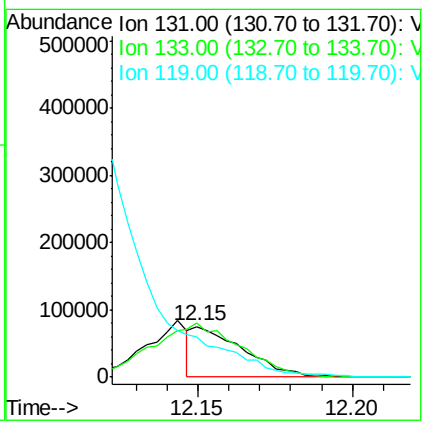


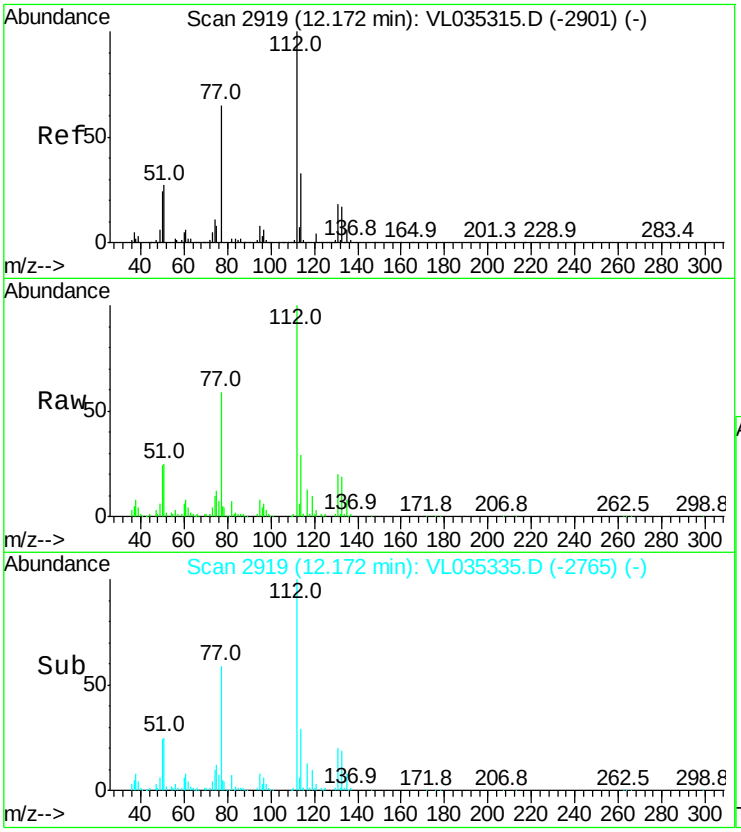


#56
1,1,1,2-Tetrachloroethane
Concen: 0.547 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:131 Resp: 84816

Ion	Ratio	Lower	Upper
131	100		
133	193.8	75.4	113.2#
119	0.0	43.7	65.5#



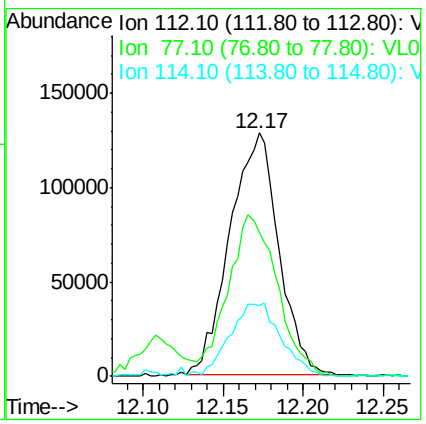


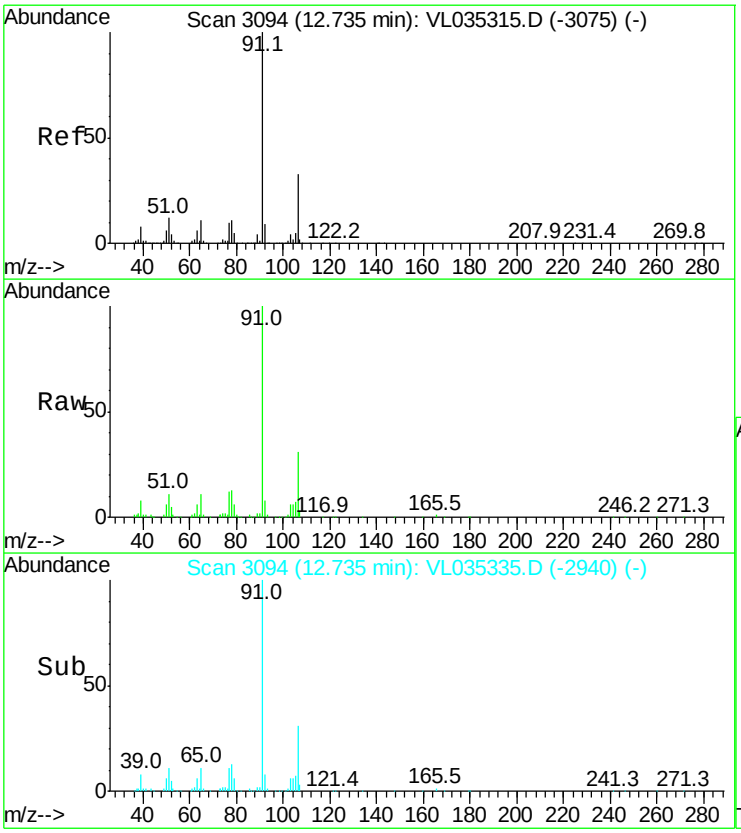
#57
Chlorobenzene
Concen: 1.055 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 266974

Ion	Ratio	Lower	Upper
112	100		
77	64.6	53.3	79.9
114	30.8	29.8	36.4

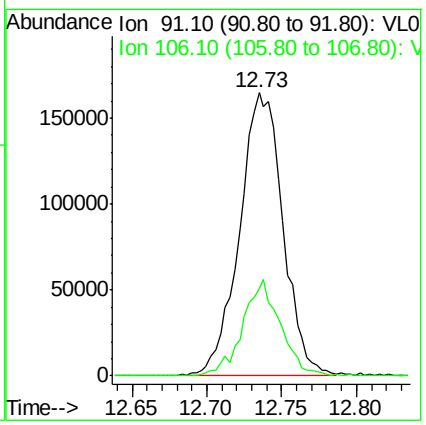


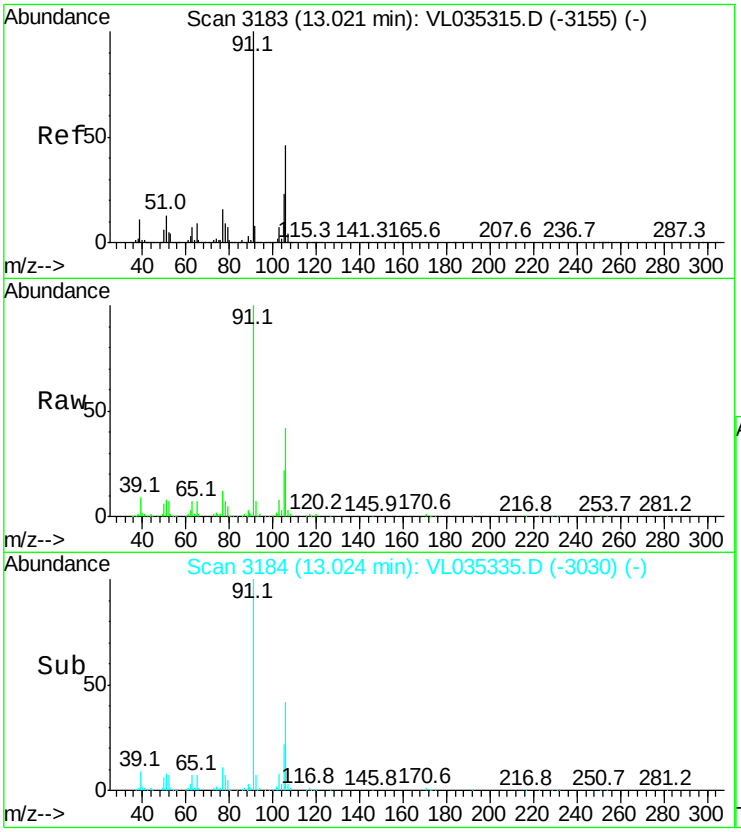


#58
Ethyl Benzene
Concen: 0.920 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 91 Resp: 333137

Ion	Ratio	Lower	Upper
91	100		
106	31.1	26.8	40.2



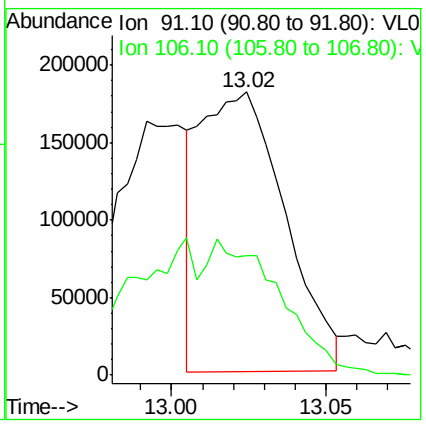


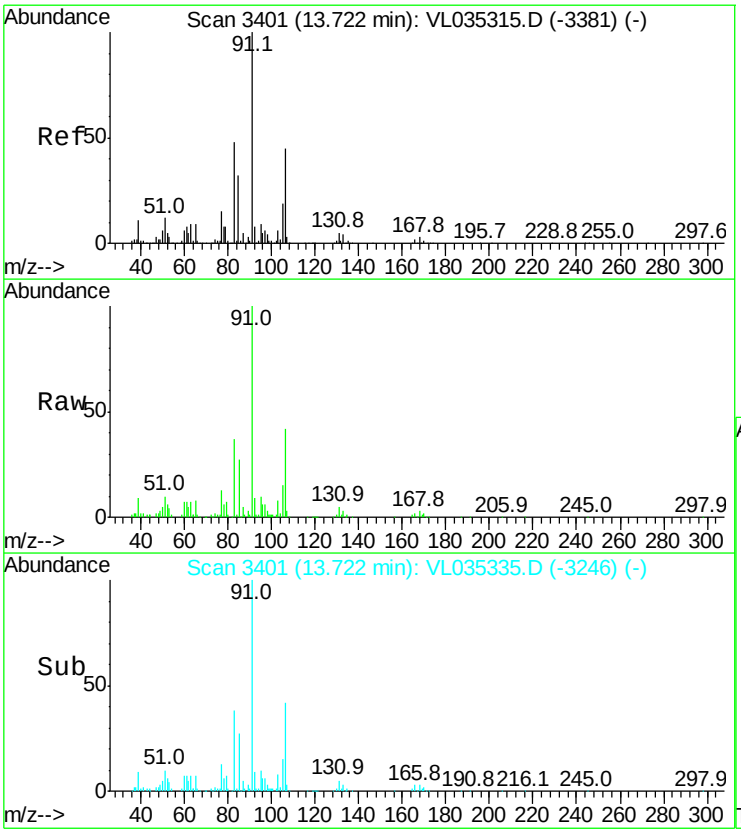
#59
m/p-Xylene
Concen: 1.030 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 344306

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.8	56.8#

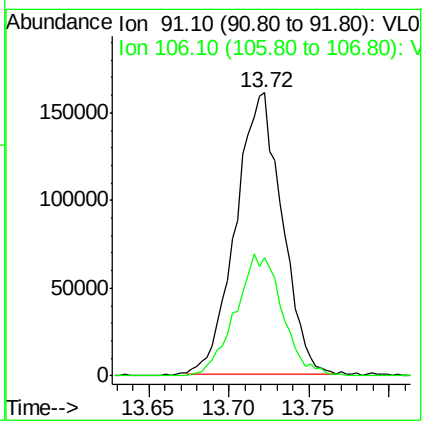


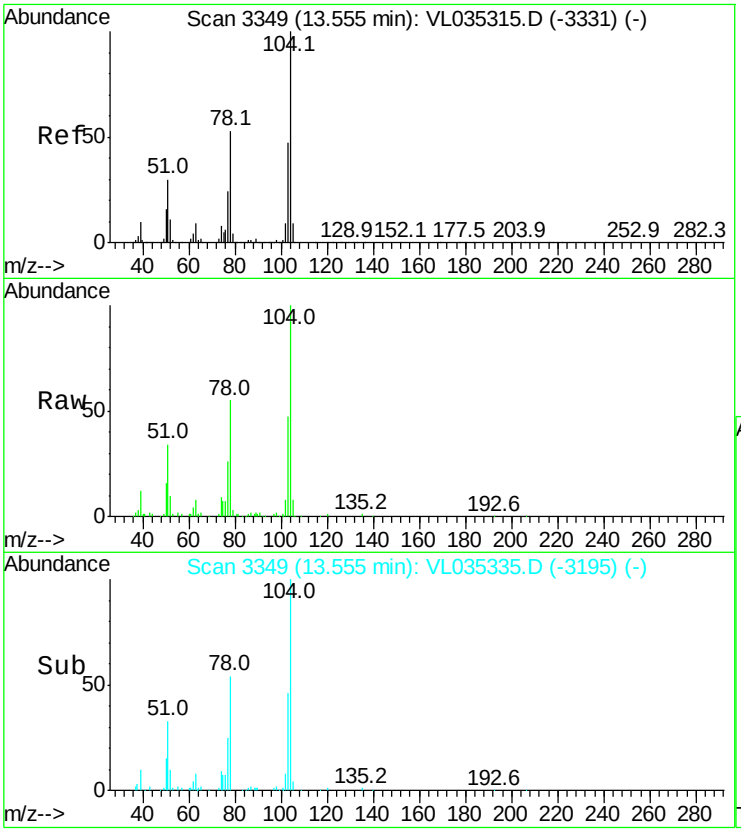


#60
o-Xylene
Concen: 0.965 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 91 Resp: 318853

Ion	Ratio	Lower	Upper
91	100		
106	43.5	22.7	68.0



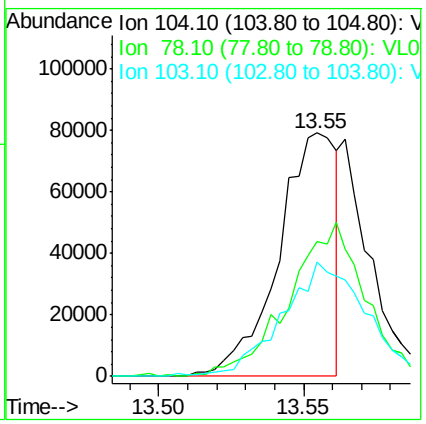


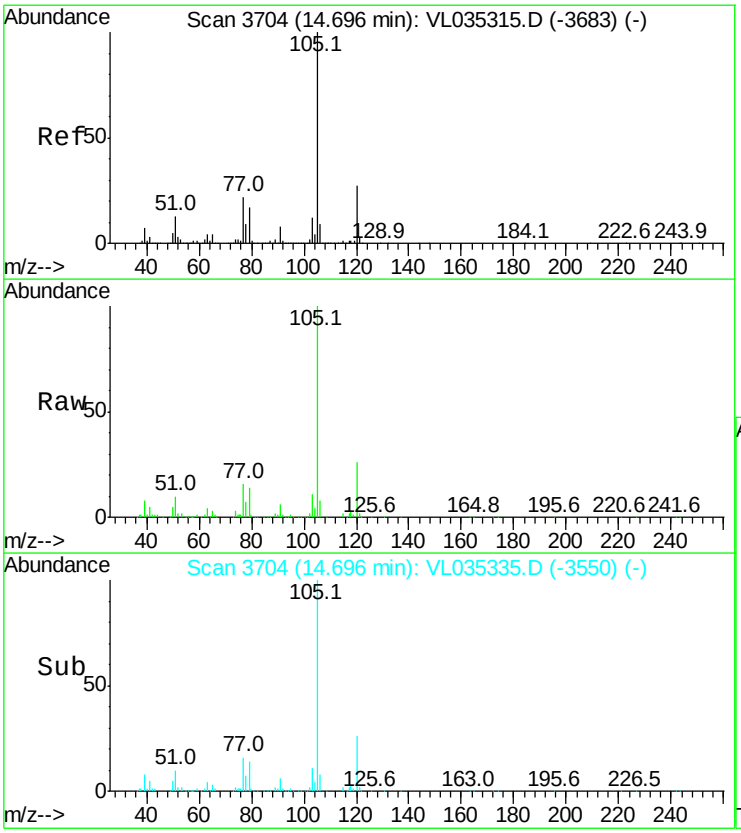
#61
Styrene
Concen: 0.541 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 109858

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	63.8#
103	67.8	38.1	57.1#

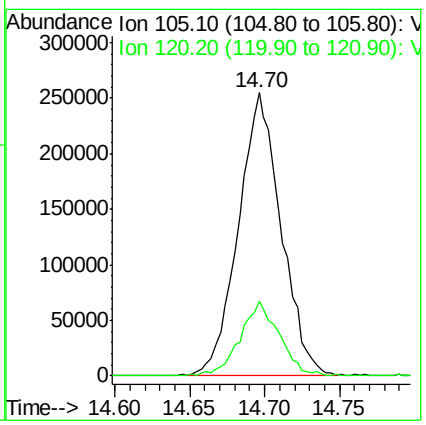


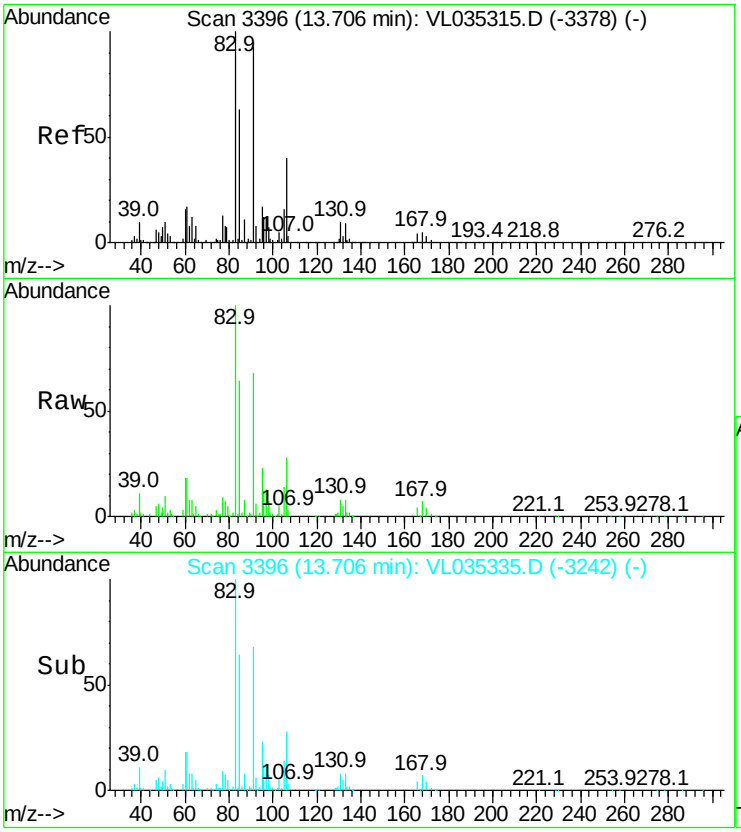


#62
Isopropylbenzene
Concen: 1.005 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:105 Resp: 501048

Ion	Ratio	Lower	Upper
105	100		
120	24.6	21.1	31.7



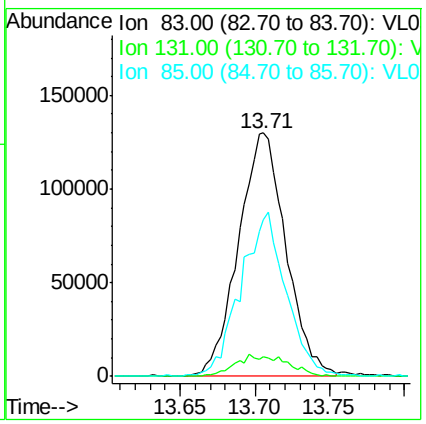


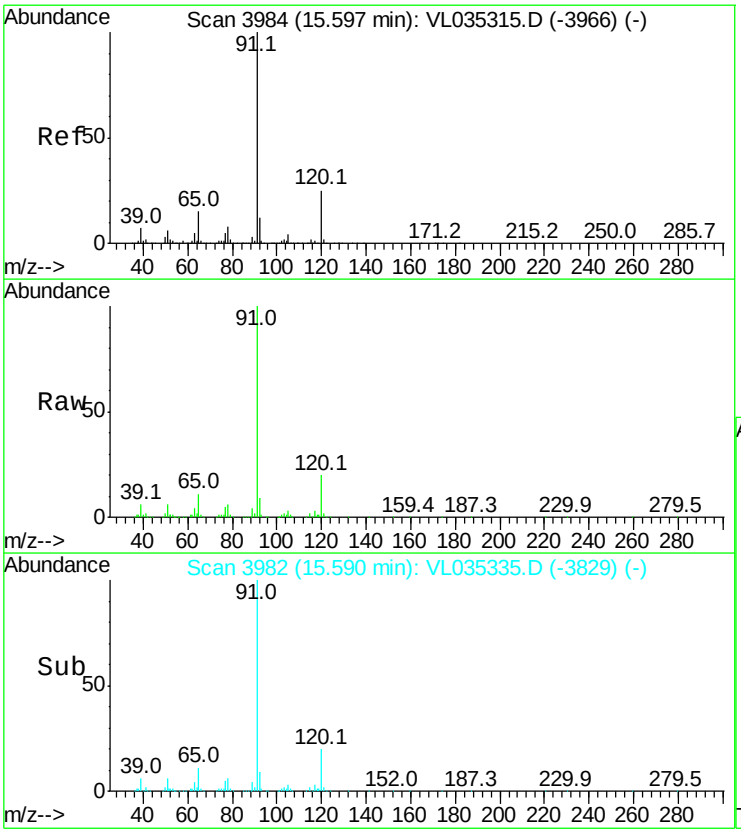
#63
1,1,2,2-Tetrachloroethane
Concen: 1.108 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 287123

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.5	32.6	98.0

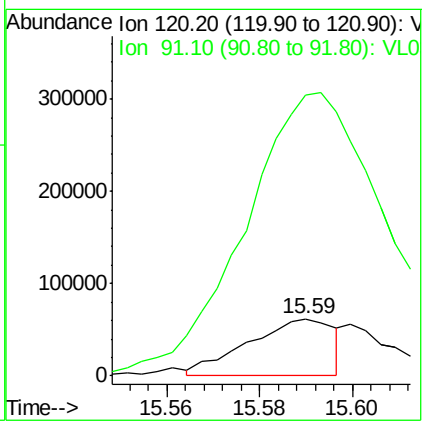


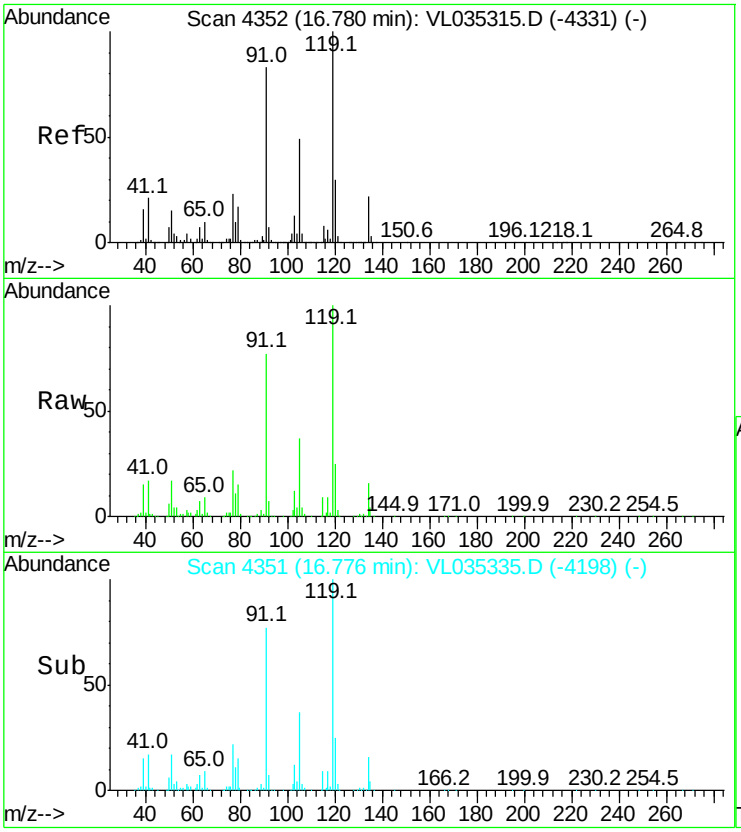


#64
n-propylbenzene
Concen: 0.612 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:120 Resp: 79835

Ion	Ratio	Lower	Upper
120	100		
91	807.3	357.2	535.8#



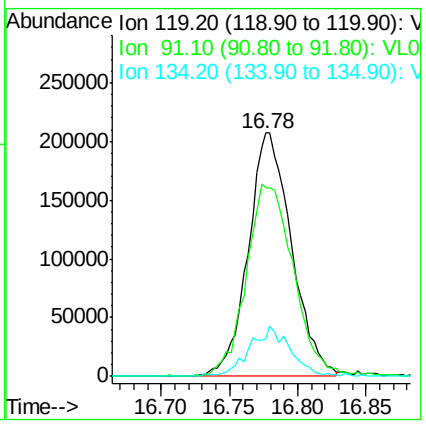


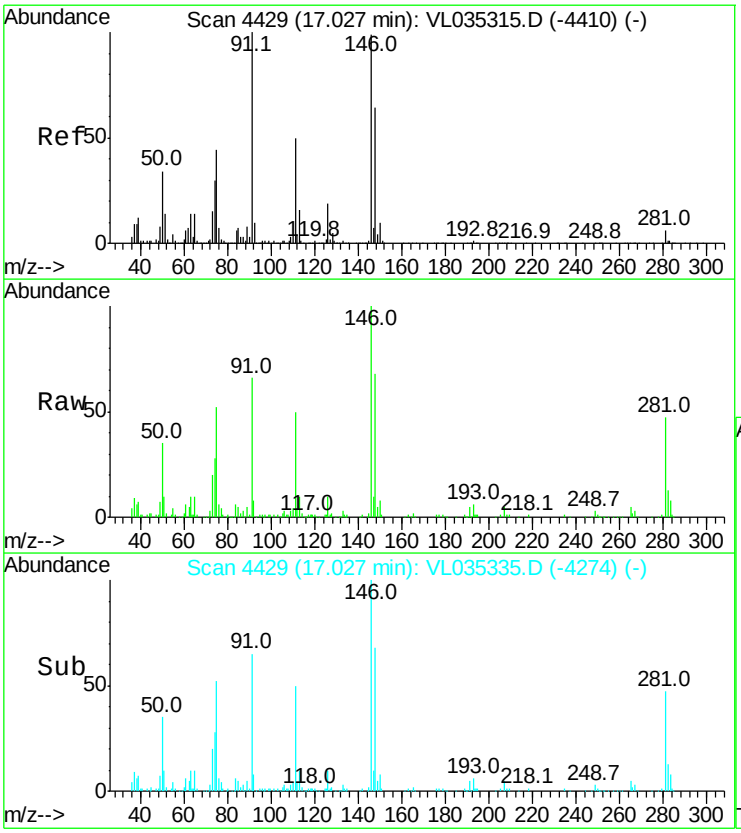
#65
tert-Butylbenzene
Concen: 1.022 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 456123

Ion	Ratio	Lower	Upper
119	100		
91	86.8	66.3	99.5
134	19.6	16.2	24.2

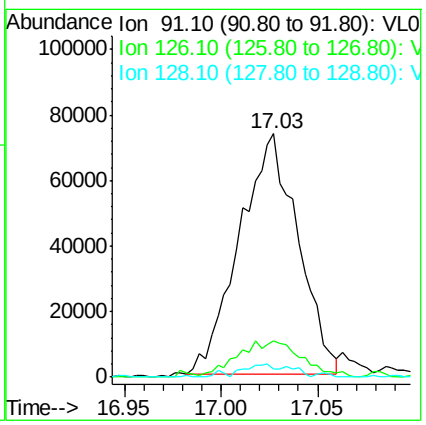


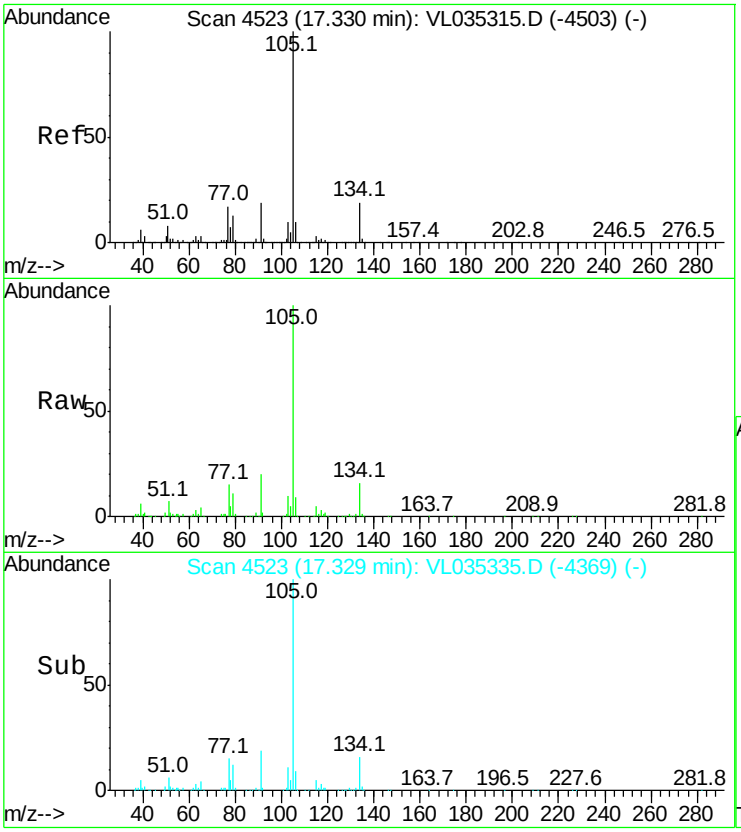


#66
Benzyl Chloride
Concen: 0.897 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 91 Resp: 154771

Ion	Ratio	Lower	Upper
91	100		
126	17.6	14.1	21.1
128	5.0	4.5	6.7



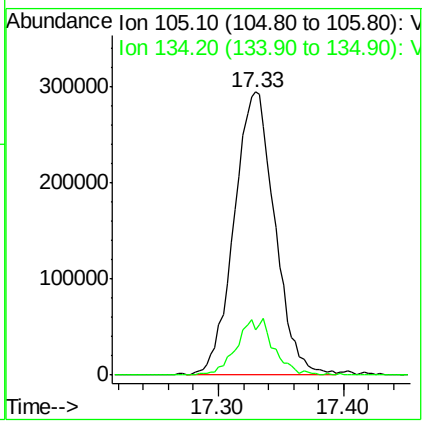


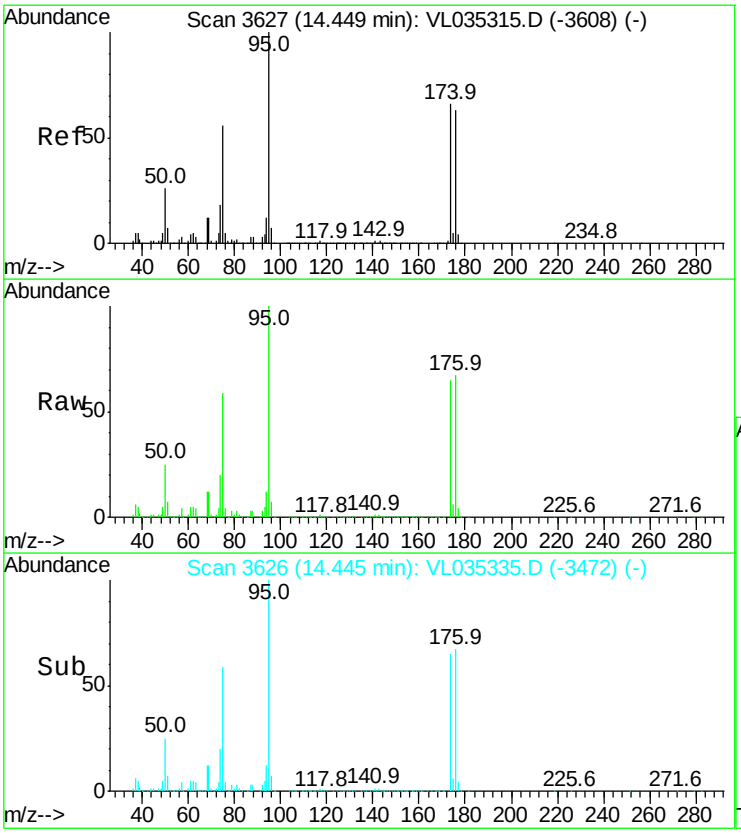
#67
sec-Butylbenzene
Concen: 1.046 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 660186

Ion	Ratio	Lower	Upper
105	100		
134	17.9	15.4	23.2

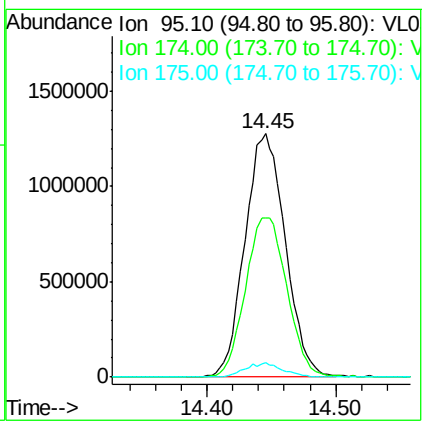


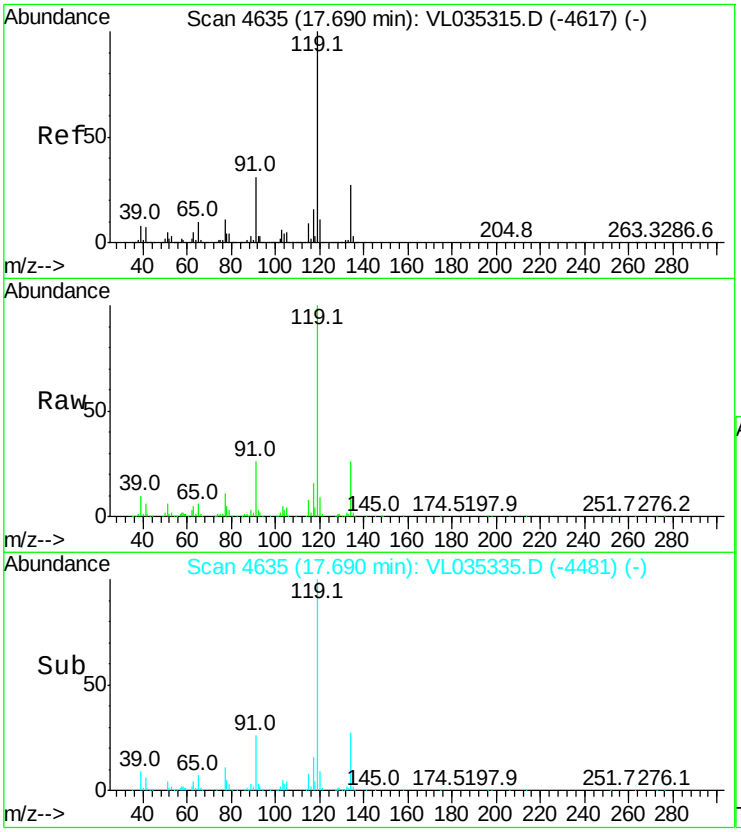


#68
1-Bromo-4-Fluorobenzene
Concen: 10.059 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 95 Resp: 2785066

Ion	Ratio	Lower	Upper
95	100		
174	67.6	53.5	80.3
175	5.4	4.2	6.2



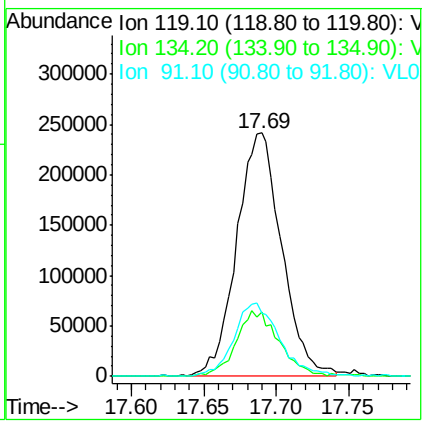


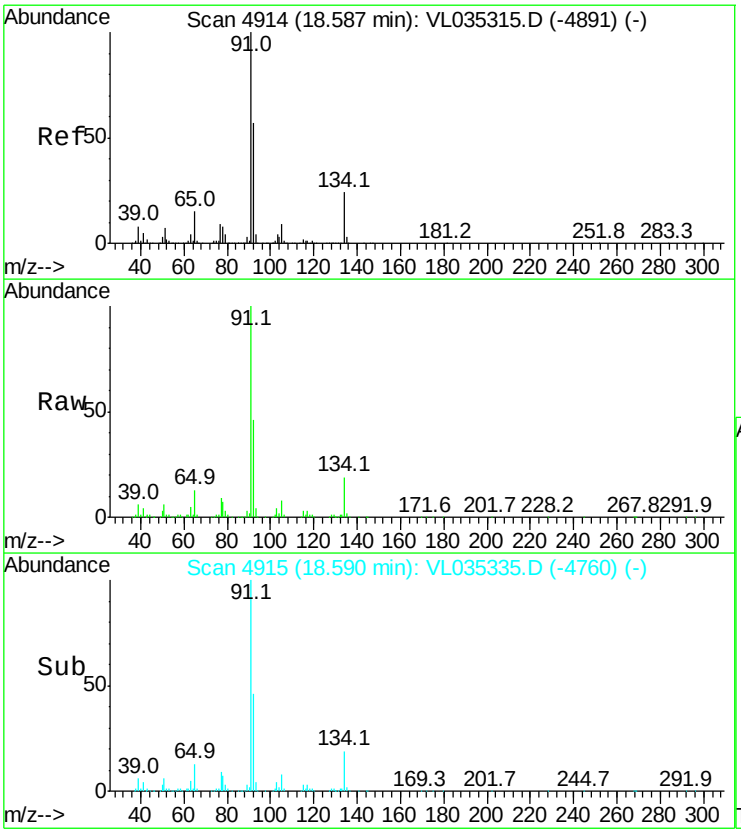
#69
p-Isopropyltoluene
Concen: 0.992 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 517691

Ion	Ratio	Lower	Upper
119	100		
134	26.2	21.1	31.7
91	31.4	24.5	36.7

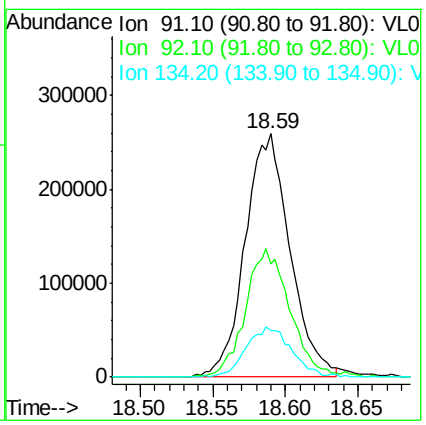


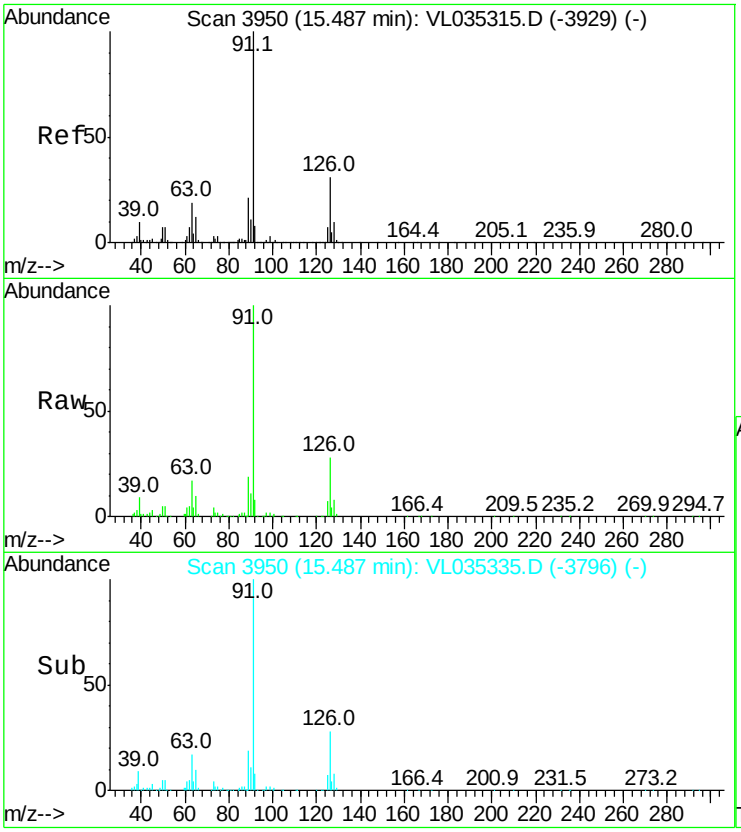


#70
n-Butylbenzene
Concen: 0.991 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion: 91 Resp: 556648

Ion	Ratio	Lower	Upper
91	100		
92	52.9	44.2	66.2
134	21.1	19.0	28.6



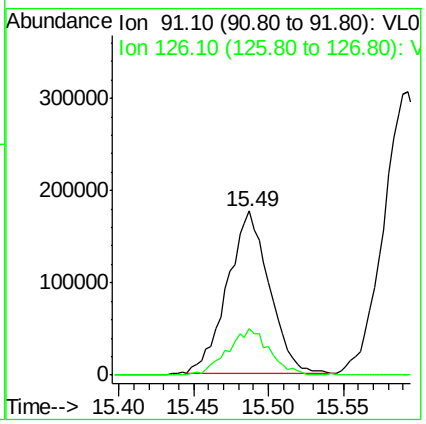


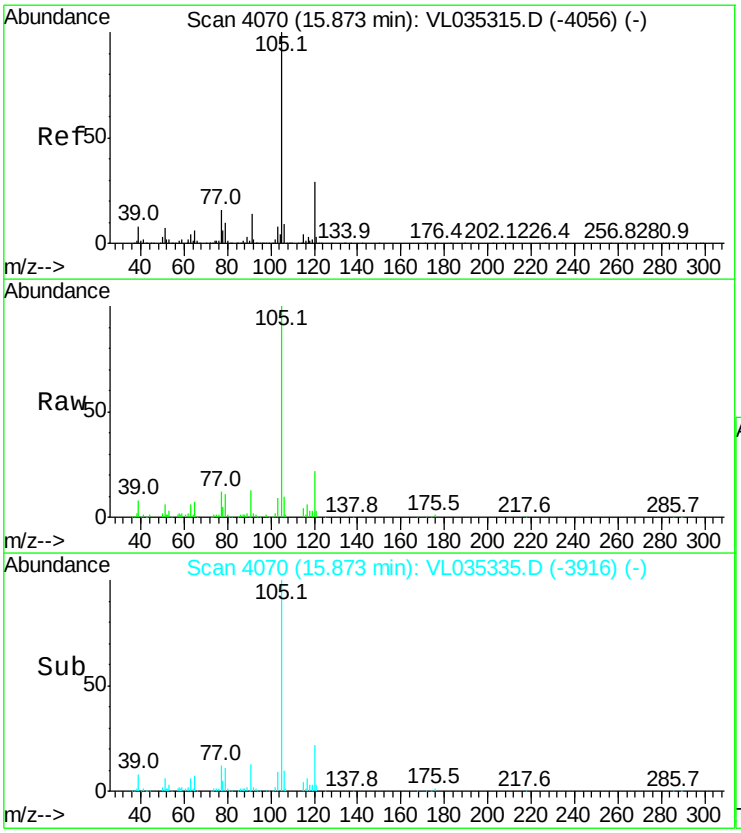
#71
2-Chlorotoluene
Concen: 0.921 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 342451

Ion	Ratio	Lower	Upper
91	100		
126	29.0	12.5	50.1

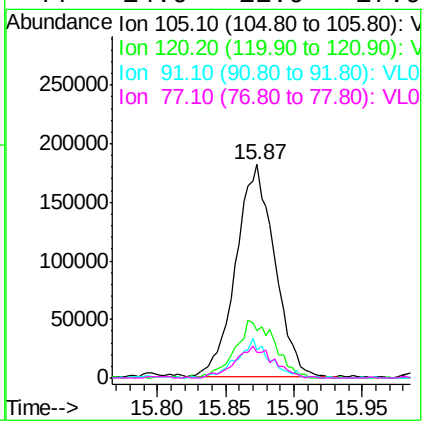


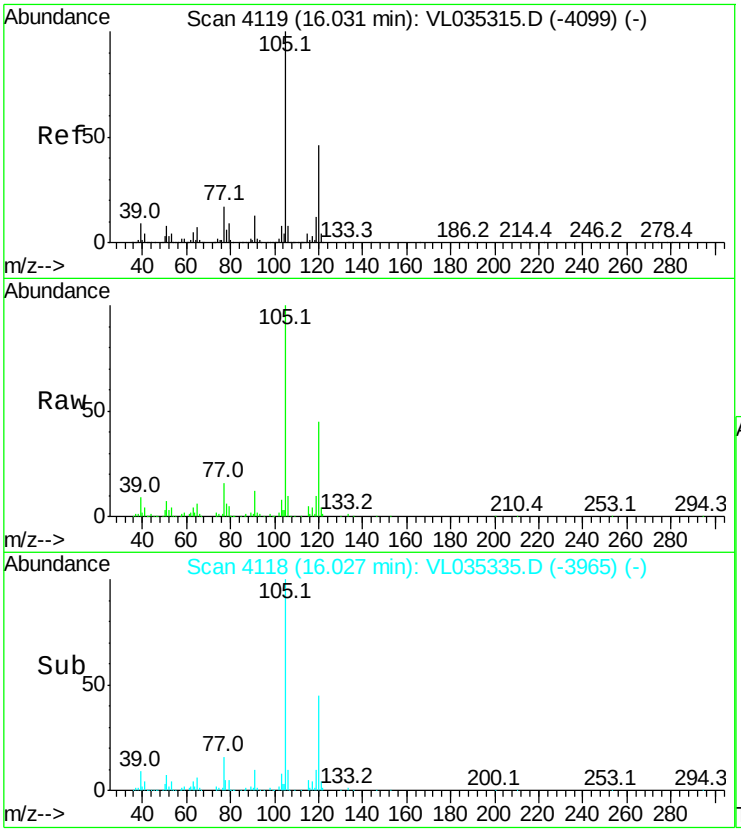


#72
4-Ethyltoluene
Concen: 0.963 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:105 Resp: 358976

Ion	Ratio	Lower	Upper
105	100		
120	27.5	24.0	36.0
91	15.9	10.8	16.2
77	14.9	11.9	17.9



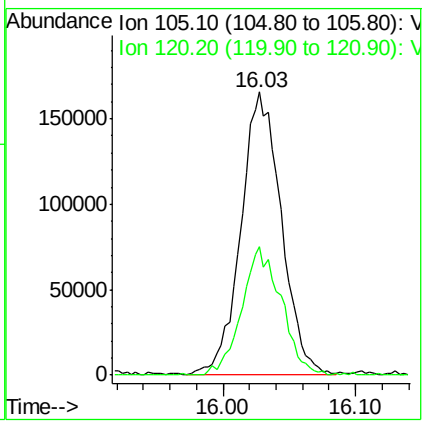


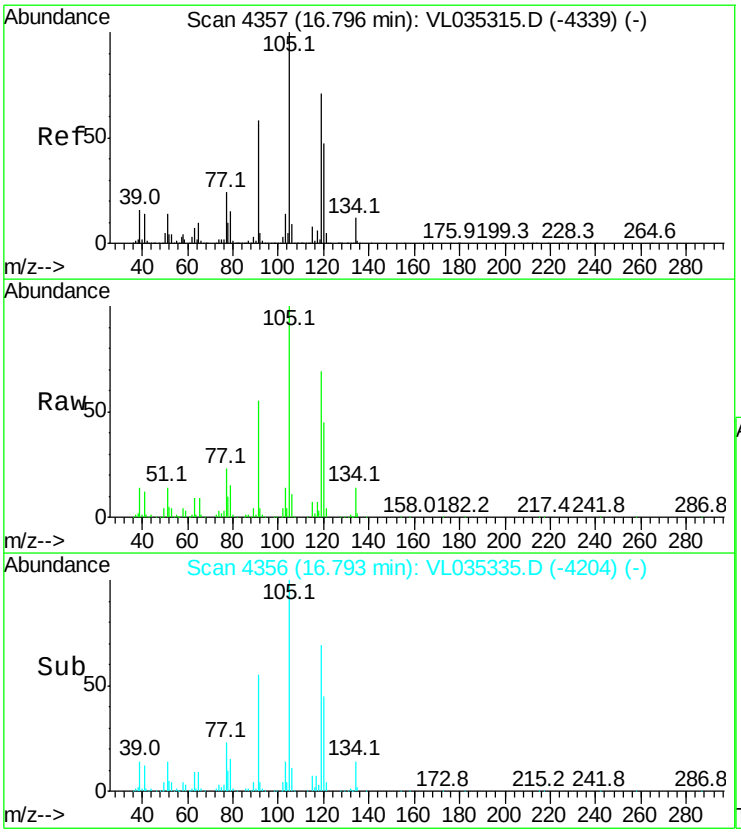
#73
1,3,5-Trimethylbenzene
Concen: 0.958 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 349817

Ion	Ratio	Lower	Upper
105	100		
120	45.3	36.9	55.3

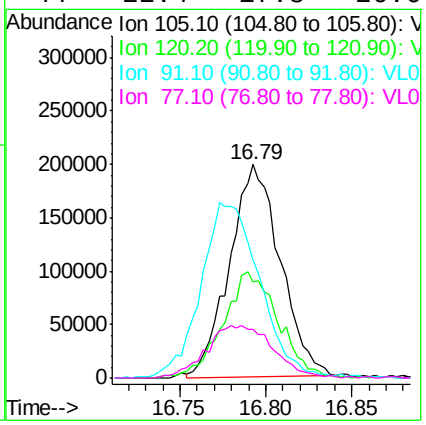


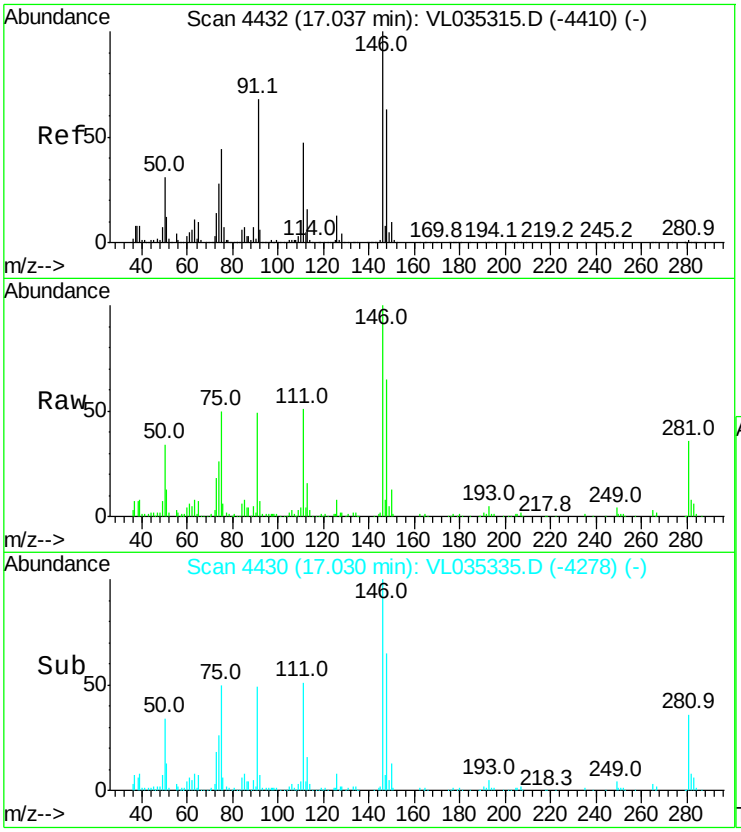


#74
1,2,4-Trimethylbenzene
Concen: 0.973 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:105 Resp: 407528

Ion	Ratio	Lower	Upper
105	100		
120	44.4	38.5	57.7
91	54.2	39.0	58.6
77	22.4	17.8	26.6



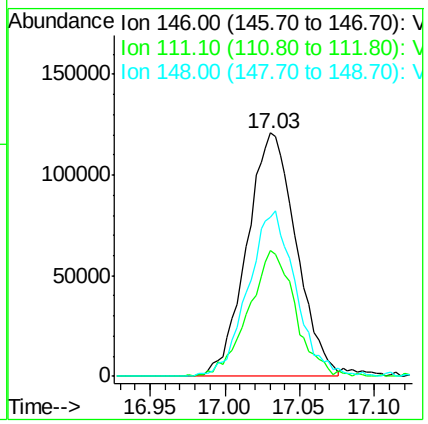


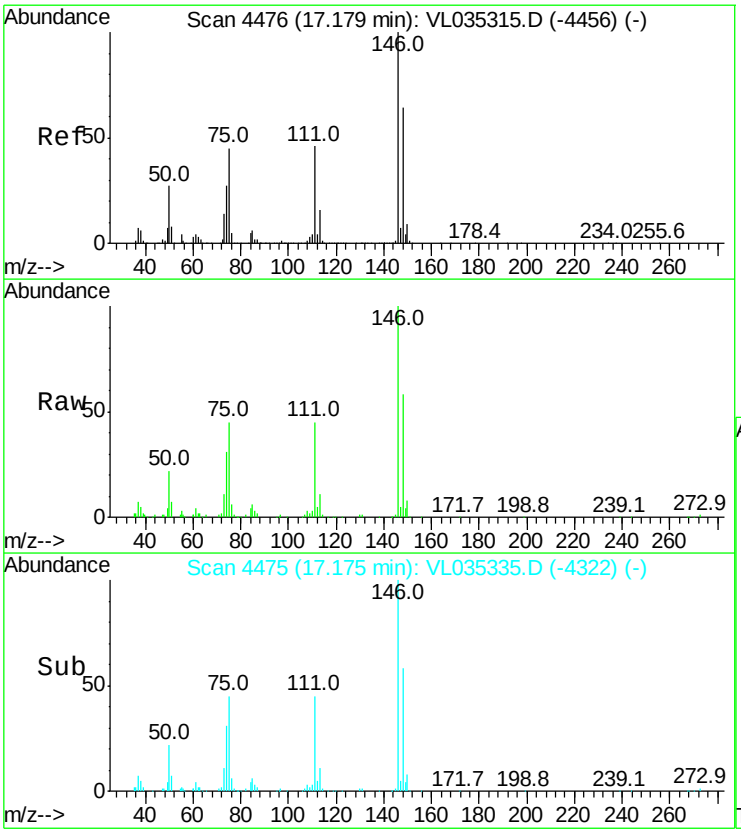
#75
1,3-Dichlorobenzene
Concen: 1.063 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:146 Resp: 276845

Ion	Ratio	Lower	Upper
146	100		
111	49.5	24.2	72.6
148	65.5	32.6	98.0

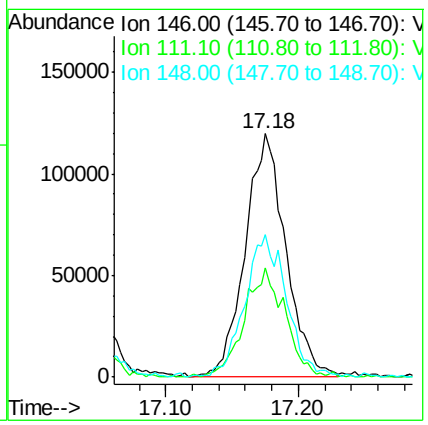


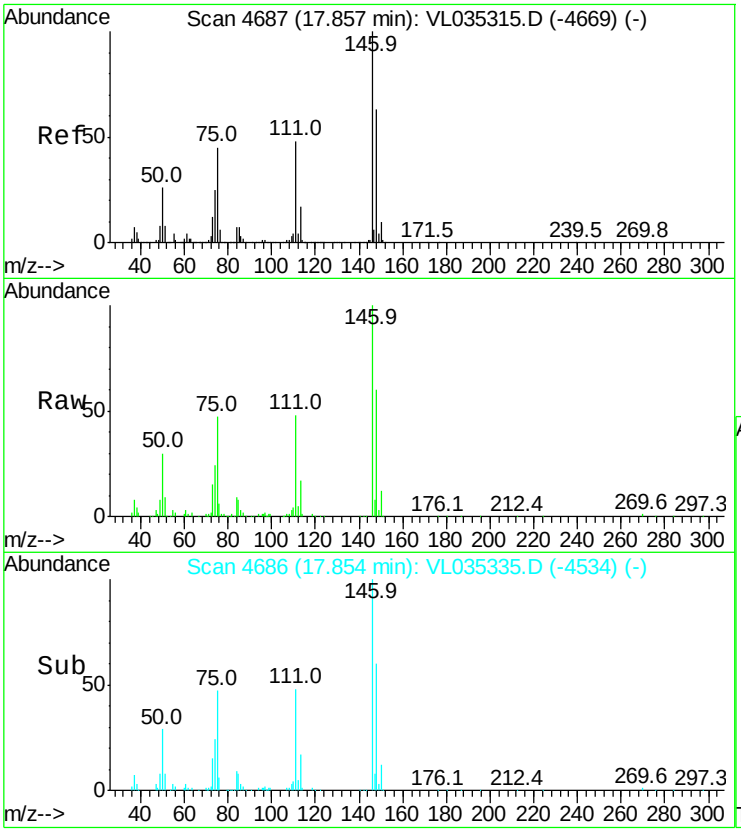


#76
1,4-Dichlorobenzene
Concen: 1.032 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:146 Resp: 254407

Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.3	69.9
148	59.8	32.1	96.5



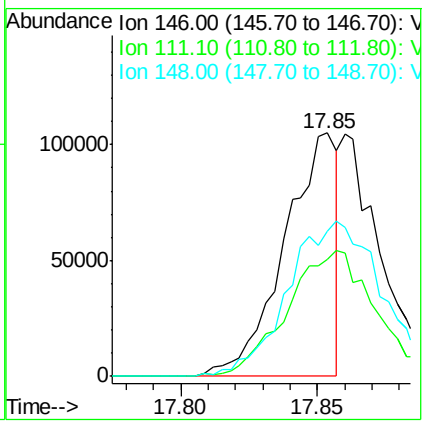


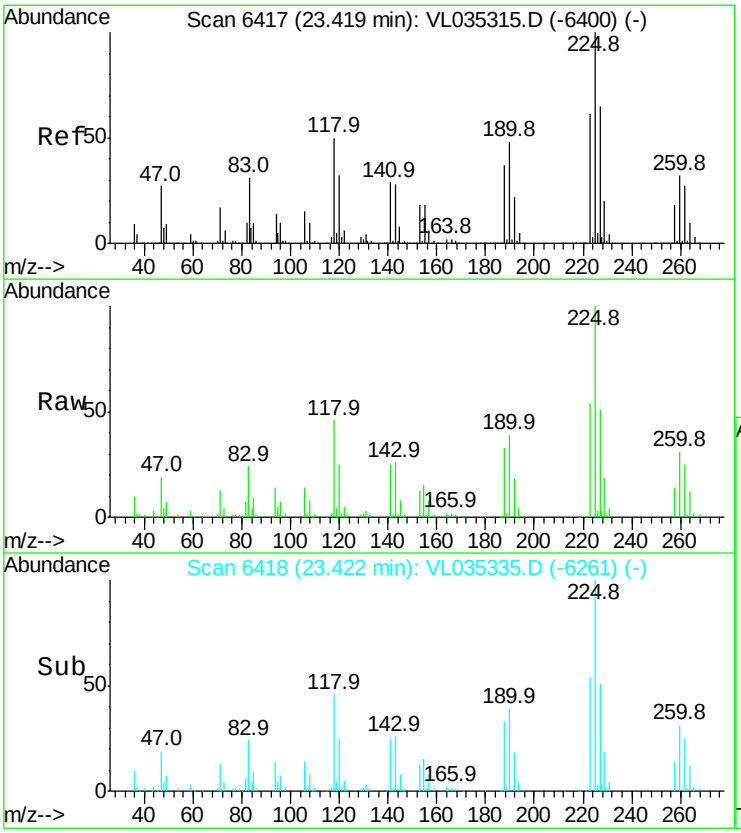
#77
1,2-Dichlorobenzene
Concen: 0.585 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 140513

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.9	74.7#
148	0.0	31.9	95.9#

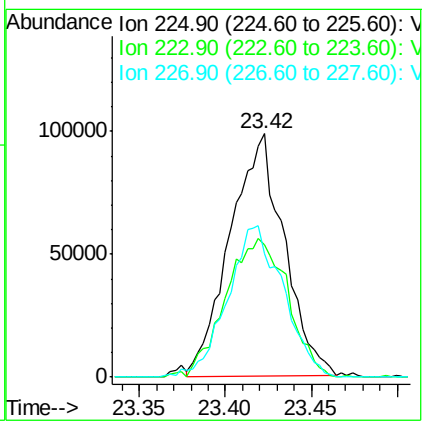


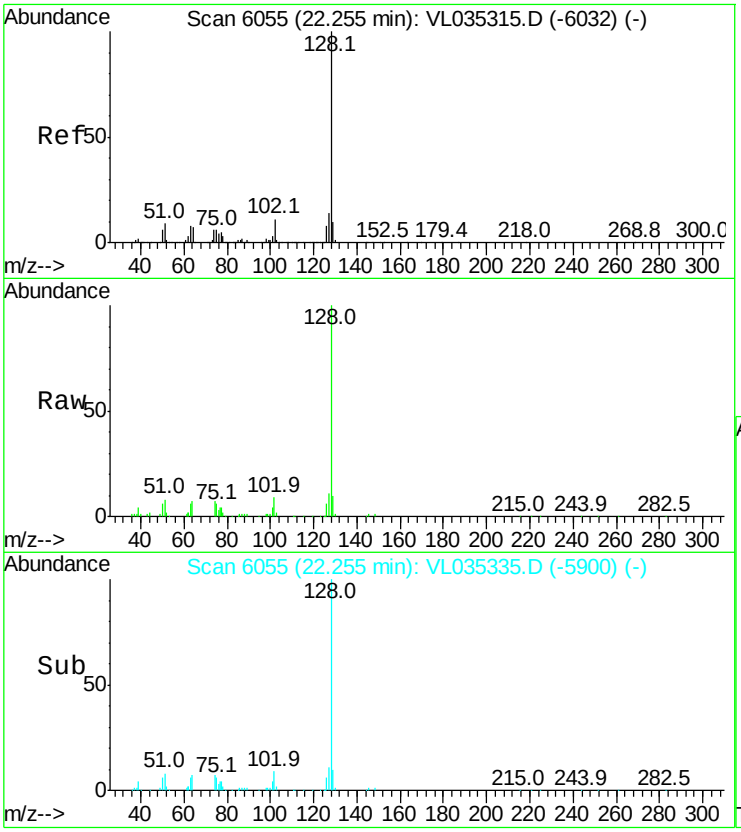


#78
Hexachloro-1,3-Butadiene
Concen: 1.109 ppbv
RT: 23.42 min Scan# 6418
Delta R.T. 0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:225 Resp: 216275

Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.3	75.5
227	64.1	52.7	79.1



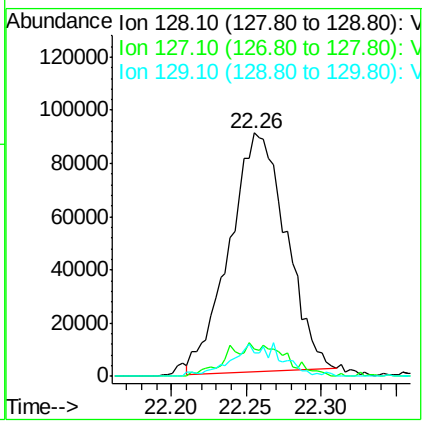


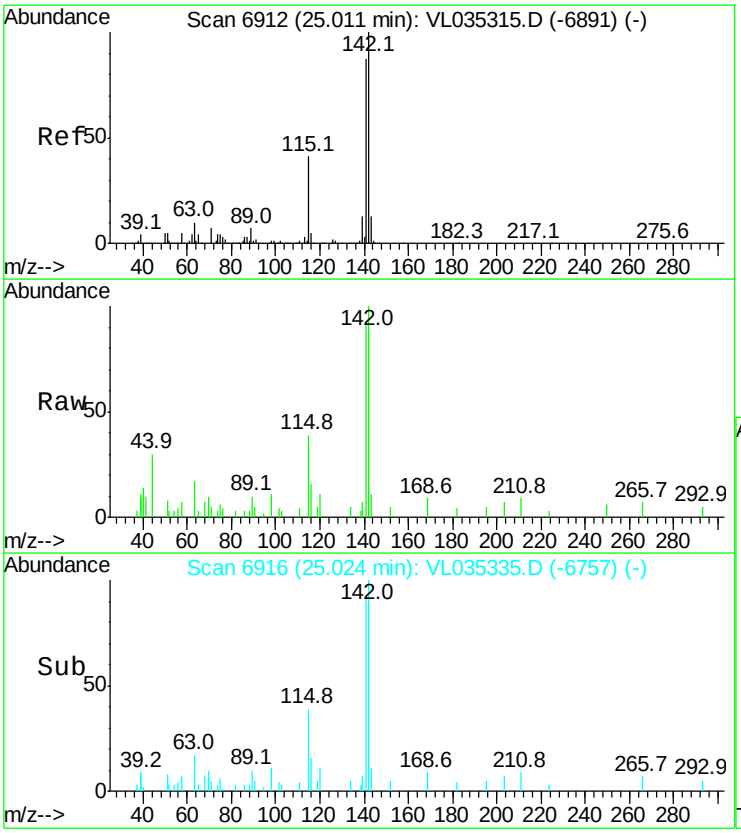
#79
Naphthalene
Concen: 0.716 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 237183

Ion	Ratio	Lower	Upper
128	100		
127	11.6	11.1	16.7
129	10.2	8.7	13.1

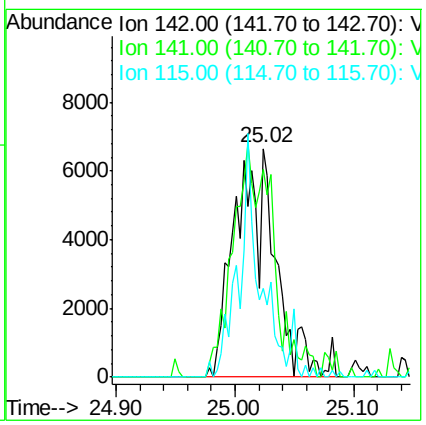


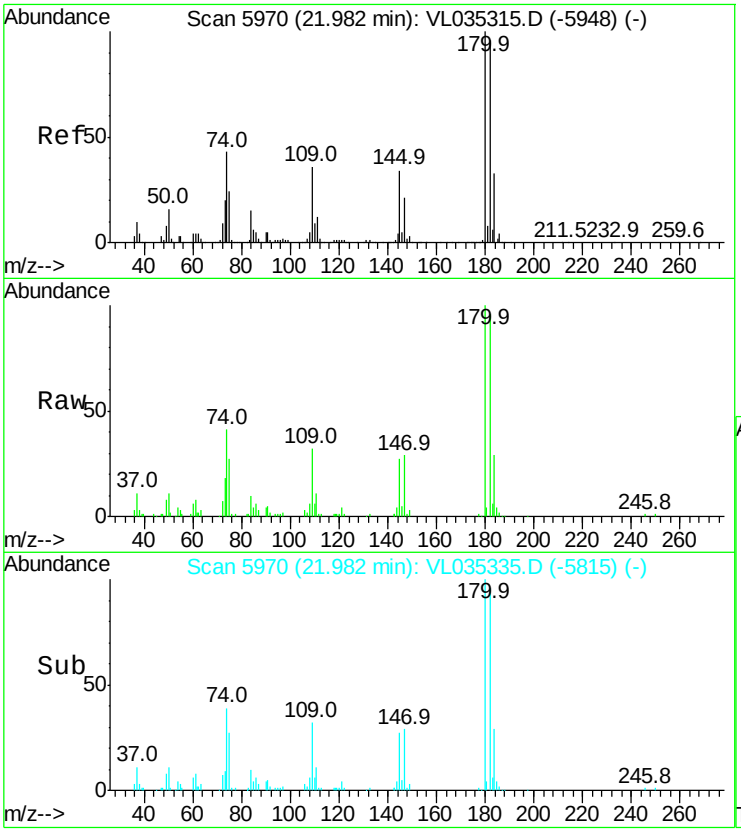


#80
Naphthalene,2-methyl-
Concen: 0.163 ppbv
RT: 25.02 min Scan# 6916
Delta R.T. 0.01 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Tgt Ion:142 Resp: 15813

Ion	Ratio	Lower	Upper
142	100		
141	96.6	69.0	103.6
115	58.1	35.5	53.3#





#81
1,2,4-Trichlorobenzene
Concen: 0.472 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.00 min
Lab File: VL035335.D
Acq: 5 Aug 2020 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 95066

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.2	115.8#
184	57.1	25.1	37.7#