Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080320\

Quantitation Report (Not Reviewed)

Data File : VL035318.D
Acq On : 3 Aug 2020 14:14
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 03 15:08:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 03 15:02:12 2020
QLast Update : Mon Aug 03 15:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1440224	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3599027	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	3287264	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2831058	10.78	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	112337	0.653	ppbv		90
3) Chlorodifluoromethane	2.94	51	87068	0.546	ppbv		100
4) Chloromethane	3.10	50	51999	0.580	ppbv	#	84
5) Vinyl Chloride	3.21	62	43094	0.461	ppbv		97
6) Bromomethane	3.43	94	31625	0.548	ppbv	#	78
7) Chloroethane	3.52	64	19464	0.577	ppbv		93
8) Dichlorotetrafluoroethane	3.14	85	132524	0.607	ppbv		96
9) Propene	2.96	41	27721	0.499	ppbv		99
10) Heptane	8.12	43	61277	0.407	ppbv		100
11) Trichlorofluoromethane	3.92	101	137488	0.594	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	91032	0.555	ppbv		92
13) Ethanol	3.58	45	9447	0.418	ppbv	#	37
14) Bromoethene	3.70	108	30029	0.448	ppbv	#	78
15) Acetone	3.82	43	123524	0.643	ppbv		95
16) 1,3-Butadiene	3.28	39	37445	0.500	ppbv		99
17) tert-Butyl alcohol	4.27	59	42479	0.229	ppbv	#	71
18) 1,1-Dichloroethene	4.26	96	40243	0.552	ppbv	#	84
19) Isopropyl Alcohol	3.94	45	66397	0.524	ppbv	#	86
20) Methylene Chloride	4.31	84	60876	0.696	ppbv		88
21) Allyl Chloride	4.38	41	54840	0.501	ppbv	#	85
23) Vinyl Acetate	5.05	43	78663	0.408	ppbv	#	91
24) 1,1-Dichloroethane	4.99	63	100148	0.556	ppbv		96
25) Ethyl Acetate	5.67	43	151455	0.505	ppbv		98
26) Hexane	5.67	57	60945	0.450	ppbv	#	81
27) Carbon Disulfide	4.53	76	42740	0.234	ppbv	#	27
28) Methyl tert-Butyl Ether	5.02	73	89071	0.460	ppbv		98
29) Chloroform	5.74	83	125268	0.552	ppbv	#	79
30) Cyclohexane	7.13	84	32873	0.340	ppbv	#	22
31) cis-1,2-Dichloroethene	5.53	61	55061	0.467	ppbv	#	86
32) 1,1,1-Trichloroethane	6.50	97	117249	0.505	ppbv		98
34) 2-Butanone	5.23	43	80670	0.441	ppbv		99
35) Carbon Tetrachloride	7.01	117	61088	0.253	ppbv	#	95
36) Benzene	6.89	78	111578	0.446	ppbv	#	96
37) 1,2-Dichloroethane	6.29	62	86996	0.498	ppbv		99
38) Trichloroethene	7.84	130	43383	0.418	ppbv		92
39) 1,2-Dichloropropane	7.62	63	44417	0.445	ppbv	#	76
40) 1,4-Dioxane	7.86	88	4557	0.116	ppbv	#	1
41) Tetrahydrofuran	6.04	42	7264	0.081	ppbv	#	34
42) Bromodichloromethane	7.79	83	113457	0.486	ppbv		98
43) Methyl Methacrylate	8.01	69	16861	0.156	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	183124	0.416	ppbv		94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080320\

Quantitation Report (Not Reviewed)

Data File : VL035318.D
Acq On : 3 Aug 2020 14:14
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 03 15:08:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 03 15:02:12 2020
QLast Update : Mon Aug 03 15:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	17881	0.164	ppbv		93
47) 1,1,2-Trichloroethane	9.50	97	15963	0.135	ppbv		96
48) Dibromochloromethane	10.32	129	58026	0.313	ppbv		65
49) Bromoform	13.07	173	69614	0.417	ppbv		96
50) 4-Methyl-2-Pentanone	8.76	43	52736	0.199	ppbv	#	38
51) 2-Hexanone	10.16	43	62793	0.312	ppbv	#	94
52) Tetrachloroethene	11.24	164	36789	0.385	ppbv		98
53) Toluene	9.82	91	84274	0.317	ppbv		95
54) 1,2-Dibromoethane	10.64	107	26789	0.157	ppbv		91
56) 1,1,1,2-Tetrachloroethane	12.14	131	48010	0.318	ppbv	#	1
57) Chlorobenzene	12.16	112	74210	0.300	ppbv	#	76
58) Ethyl Benzene	12.73	91	123266	0.354	ppbv		98
59) m/p-Xylene	13.00	91	69997	0.216	ppbv	#	31
60) o-Xylene	13.72	91	127437	0.394	ppbv		91
61) Styrene	13.55	104	18245	0.093	ppbv	#	1
62) Isopropylbenzene	14.70	105	206254	0.429	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.70	83	75449	0.271	ppbv	#	25
64) n-propylbenzene	15.59	120	29476	0.230	ppbv	#	1
65) tert-Butylbenzene	16.78	119	99560	0.228	ppbv	#	31
66) Benzyl Chloride	17.02	91	22988	0.135	ppbv	#	66
67) sec-Butylbenzene	17.33	105	258102	0.405	ppbv		96
69) p-Isopropyltoluene	17.69	119	148341	0.285	ppbv	#	83
70) n-Butylbenzene	18.59	91	205682	0.366	ppbv		96
71) 2-Chlorotoluene	15.48	91	138788	0.382	ppbv		95
72) 4-Ethyltoluene	15.87	105	128191	0.352	ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.03	105	134699	0.379	ppbv		94
74) 1,2,4-Trimethylbenzene	16.79	105	86262	0.209	ppbv		97
75) 1,3-Dichlorobenzene	17.03	146	65051	0.244	ppbv	#	22
76) 1,4-Dichlorobenzene	17.17	146	62838	0.260	ppbv	#	42
77) 1,2-Dichlorobenzene	17.85	146	59184	0.248	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.42	225	58362	0.298	ppbv	#	18
79) Naphthalene	22.26	128	40632	0.124	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	23568	0.222	ppbv		95
81) 1,2,4-Trichlorobenzene	21.97	180	8833	0.044	ppbv	#	12

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

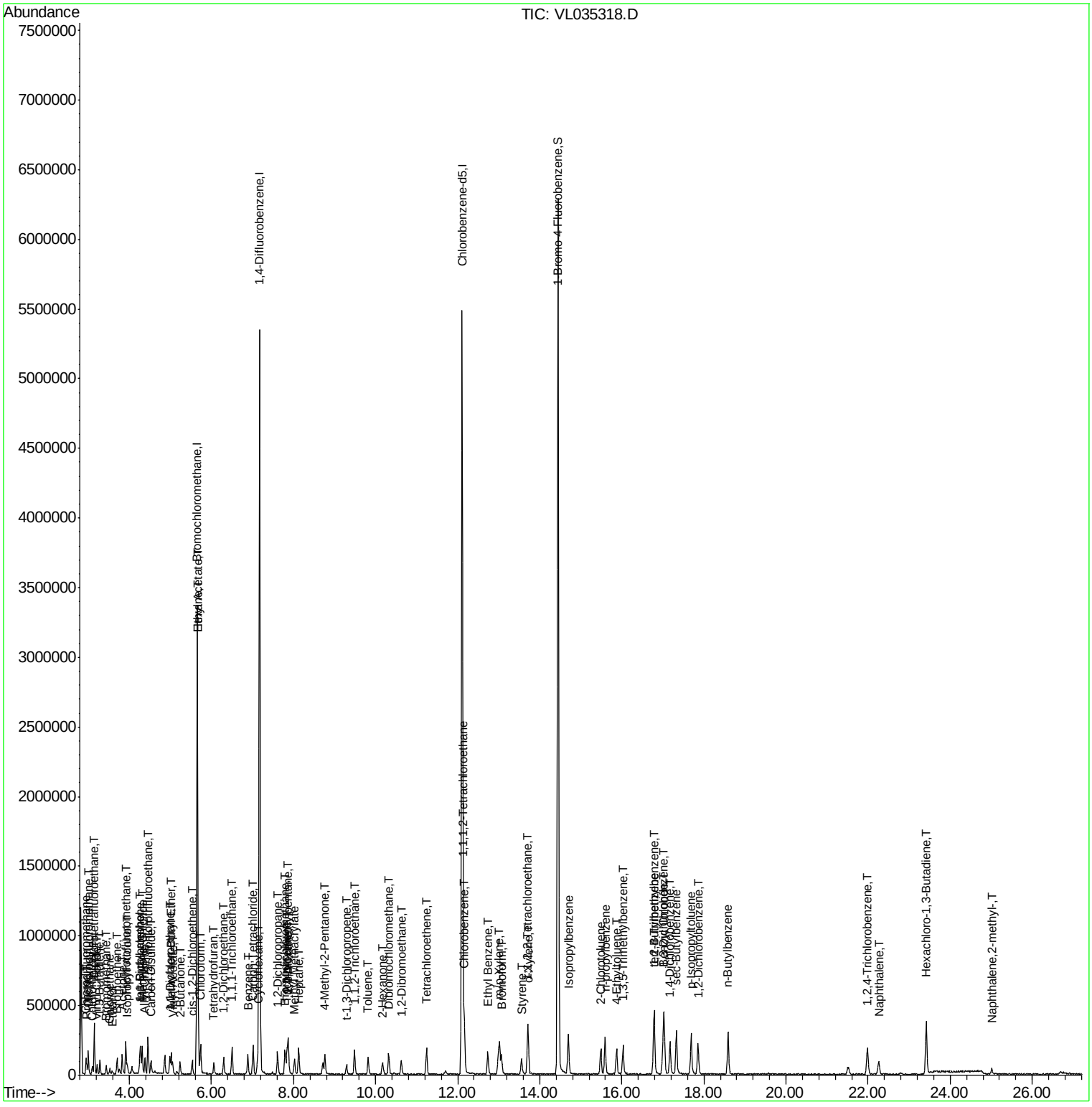
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080320\

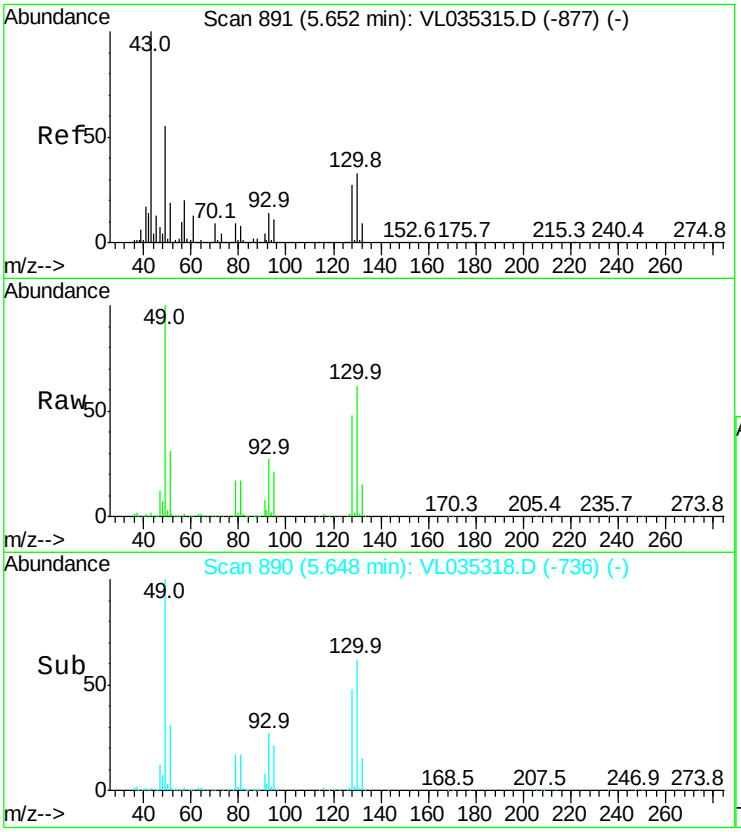
Quantitation Report (Not Reviewed)

Data File : VL035318.D
Acq On : 3 Aug 2020 14:14
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 03 15:08:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 03 15:02:12 2020
QLast Update : Mon Aug 03 15:02:12 2020
Response via : Initial Calibration



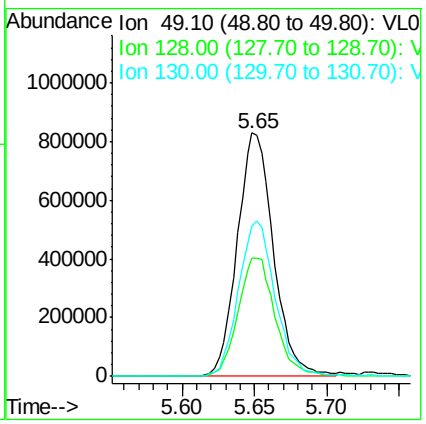


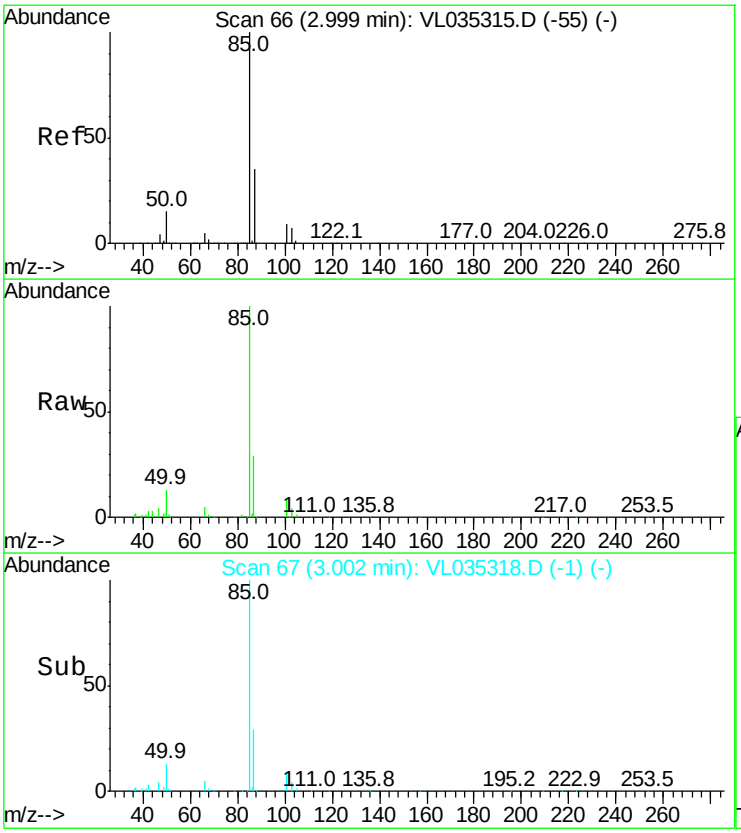
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1440224

Ion	Ratio	Lower	Upper
49	100		
128	50.4	23.8	71.5
130	65.0	31.4	94.3

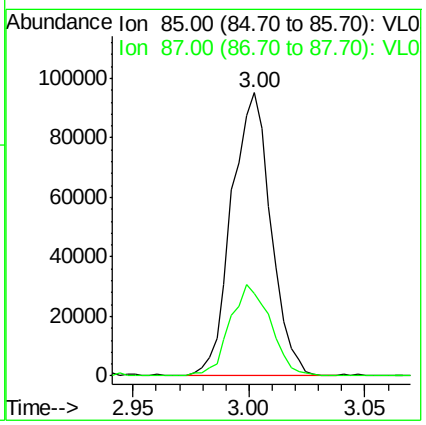


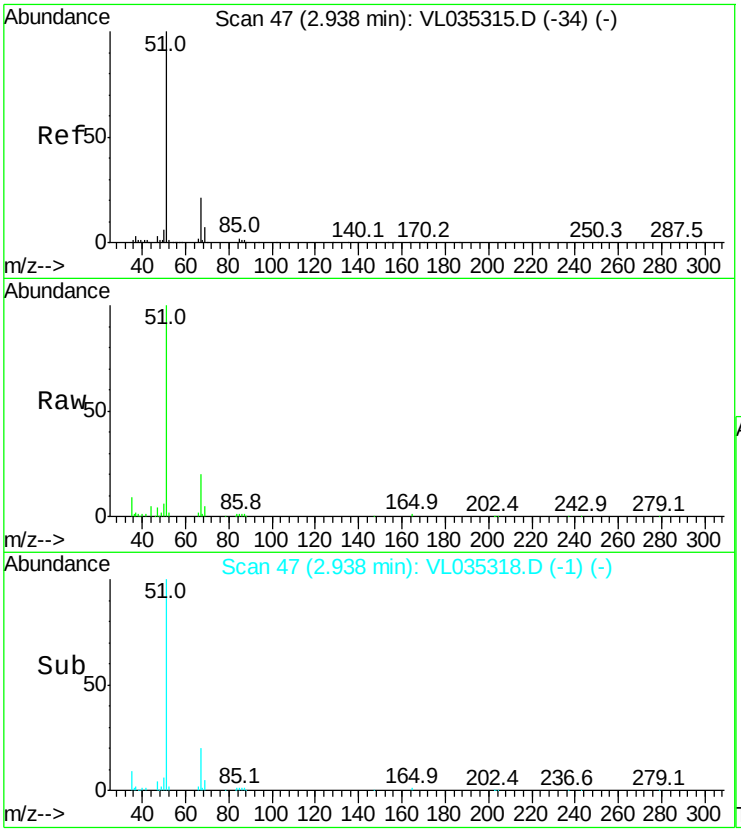


#2
Dichlorodifluoromethane
Concen: 0.653 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 85 Resp: 112337

Ion	Ratio	Lower	Upper
85	100		
87	29.0	27.8	41.6



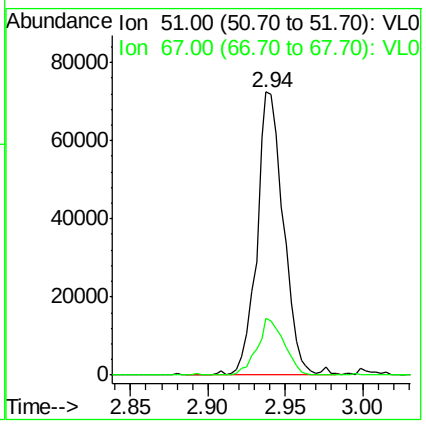


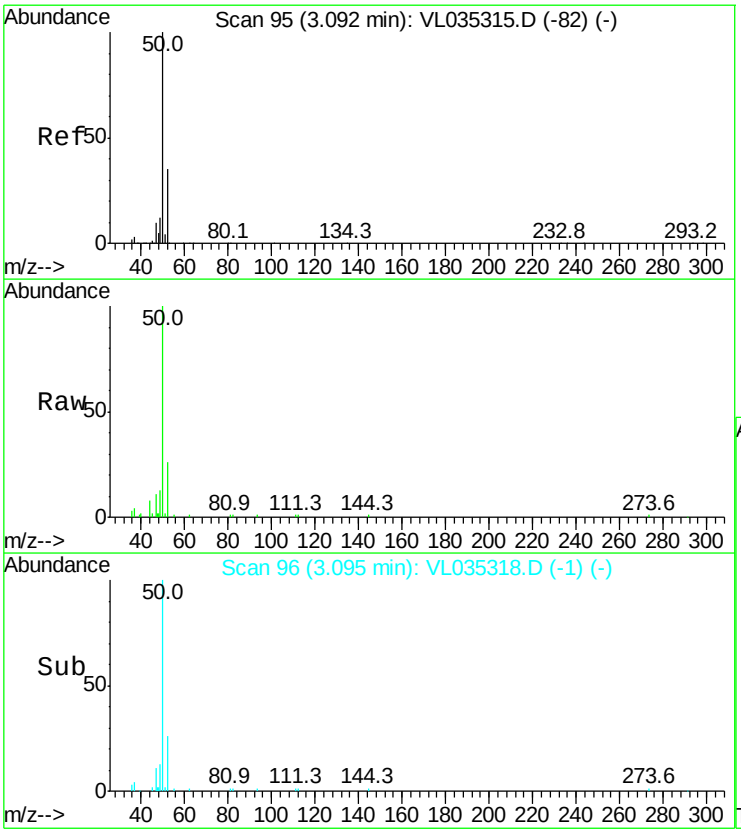
#3
Chlorodifluoromethane
Concen: 0.546 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 87068

Ion	Ratio	Lower	Upper
51	100		
67	20.1	16.2	24.2

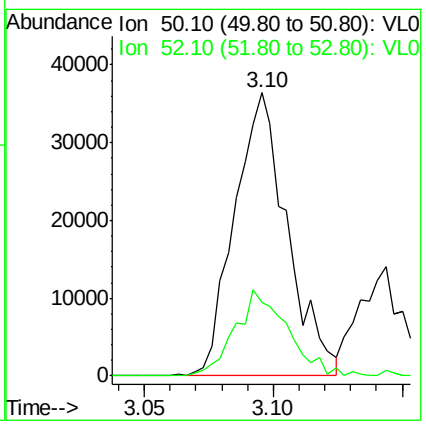


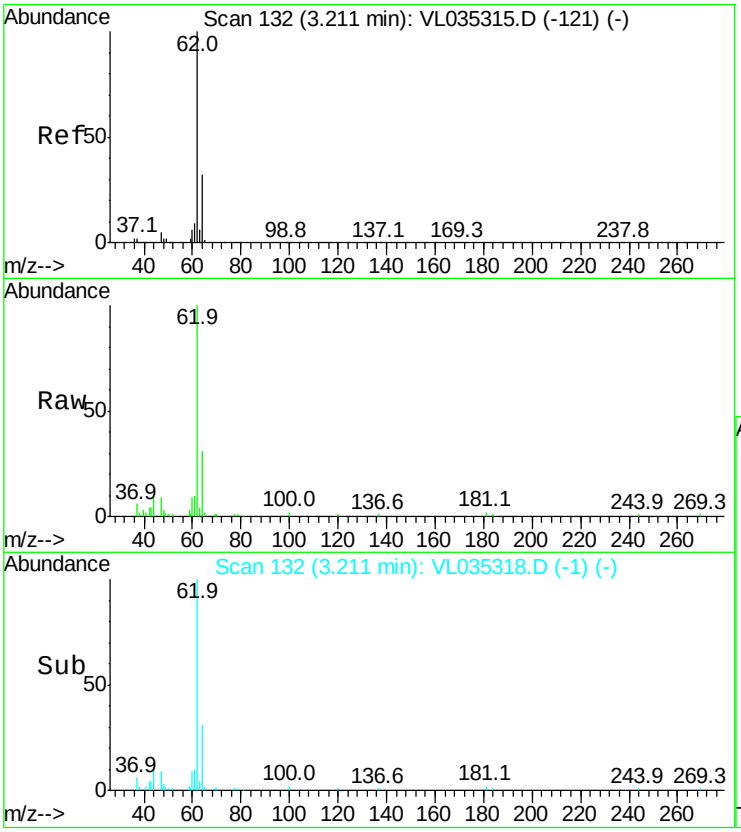


#4
Chloromethane
Concen: 0.580 ppbv
RT: 3.10 min Scan# 96
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 50 Resp: 51999

Ion	Ratio	Lower	Upper
50	100		
52	25.5	27.8	41.8#



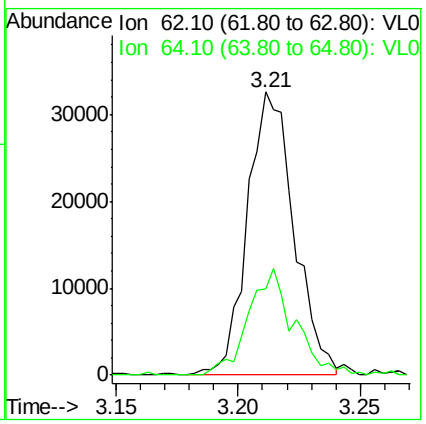


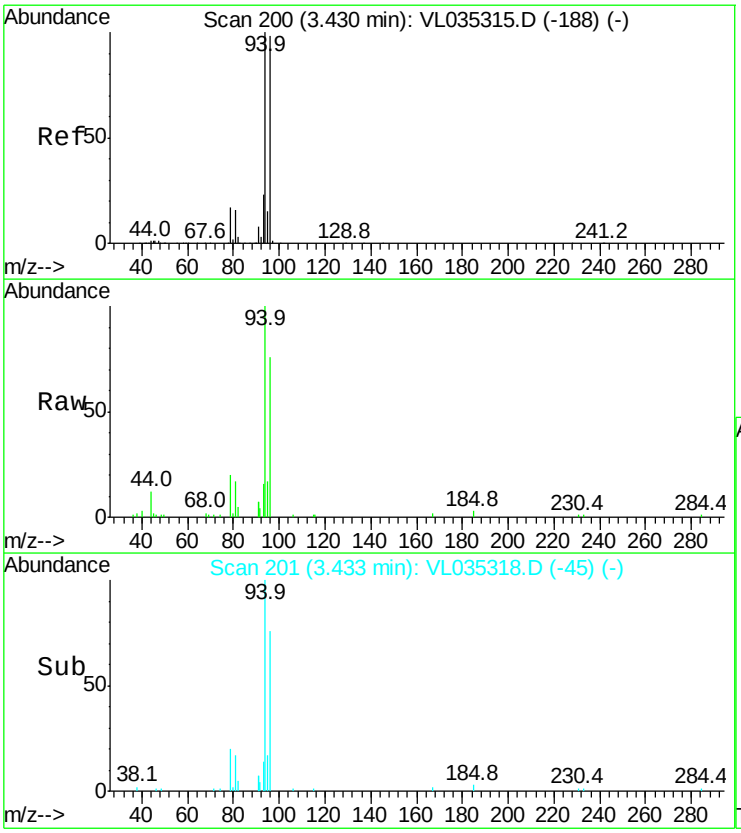
#5
Vinyl Chloride
Concen: 0.461 ppbv
RT: 3.21 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 43094

Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.9	38.9

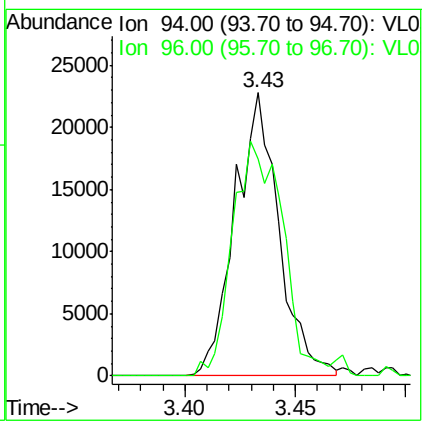


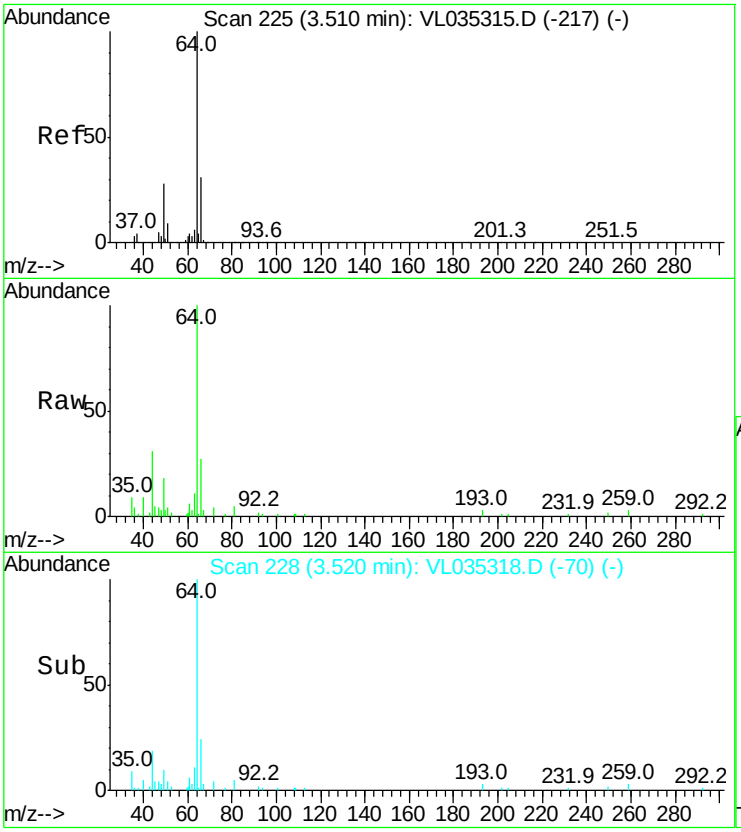


#6
Bromomethane
Concen: 0.548 ppbv
RT: 3.43 min Scan# 201
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 94 Resp: 31625

Ion	Ratio	Lower	Upper
94	100		
96	76.4	78.6	117.8#



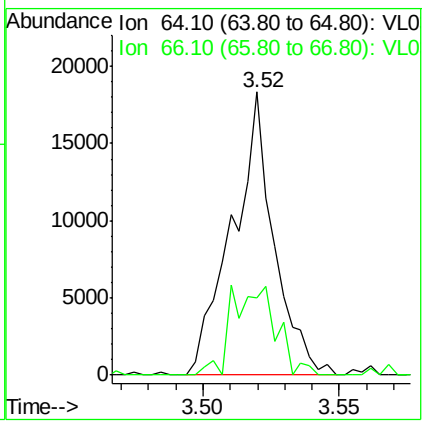


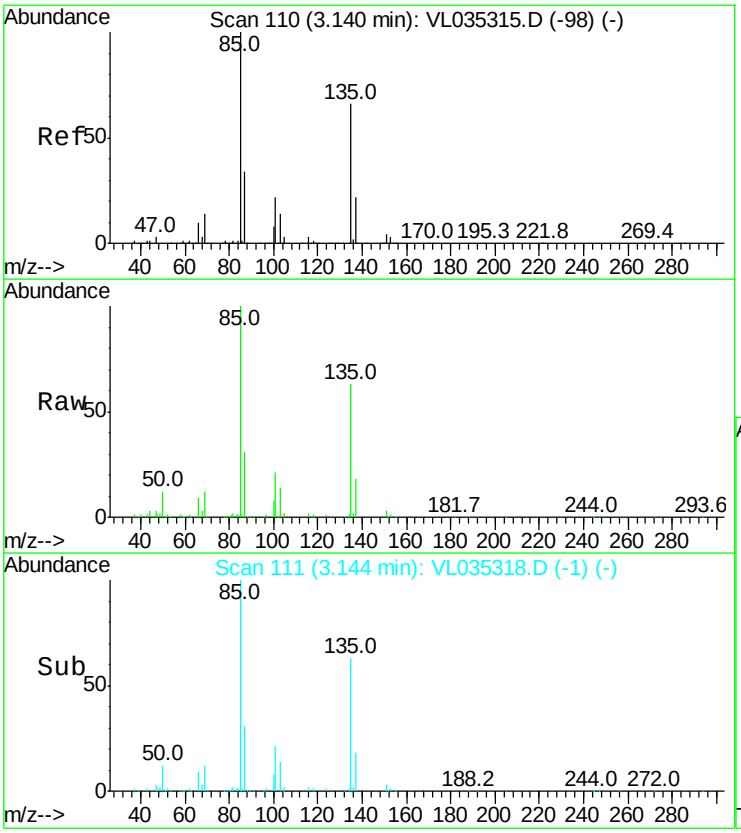
#7
Chloroethane
Concen: 0.577 ppbv
RT: 3.52 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 19464

Ion	Ratio	Lower	Upper
64	100		
66	27.4	24.9	37.3

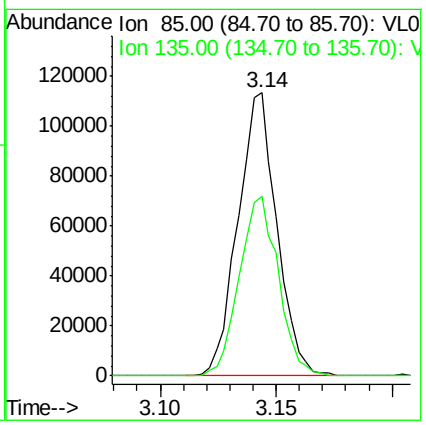


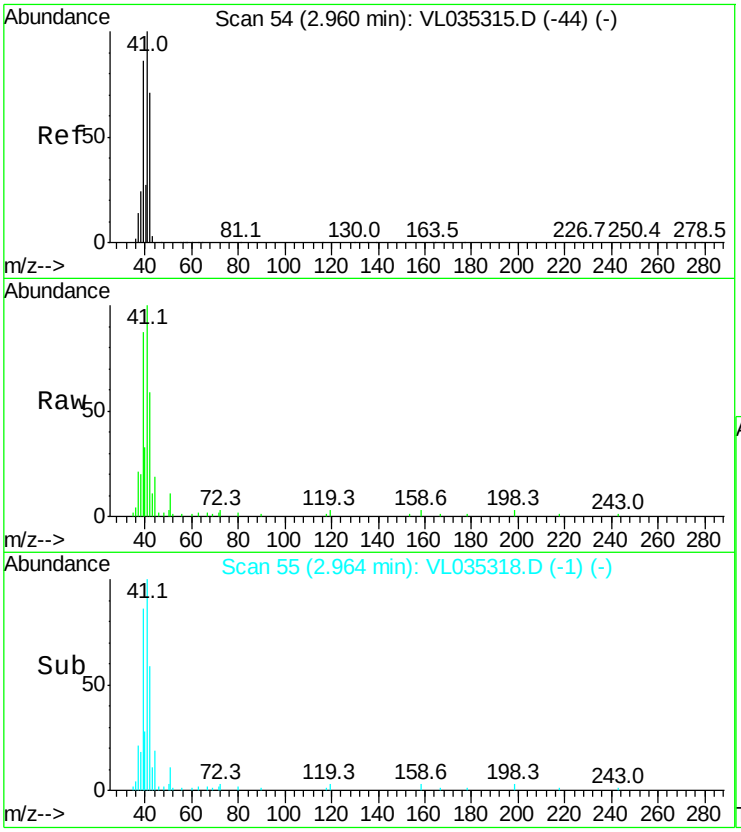


#8
Dichlorotetrafluoroethane
Concen: 0.607 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 85 Resp: 132524

Ion	Ratio	Lower	Upper
85	100		
135	63.3	53.4	80.0



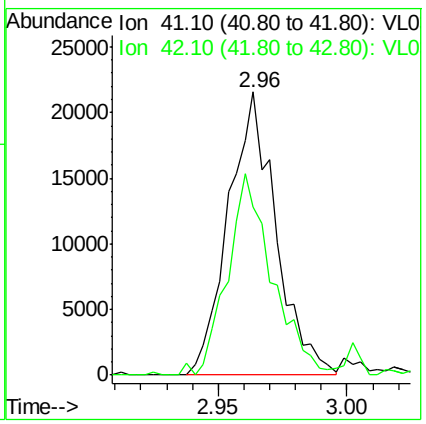


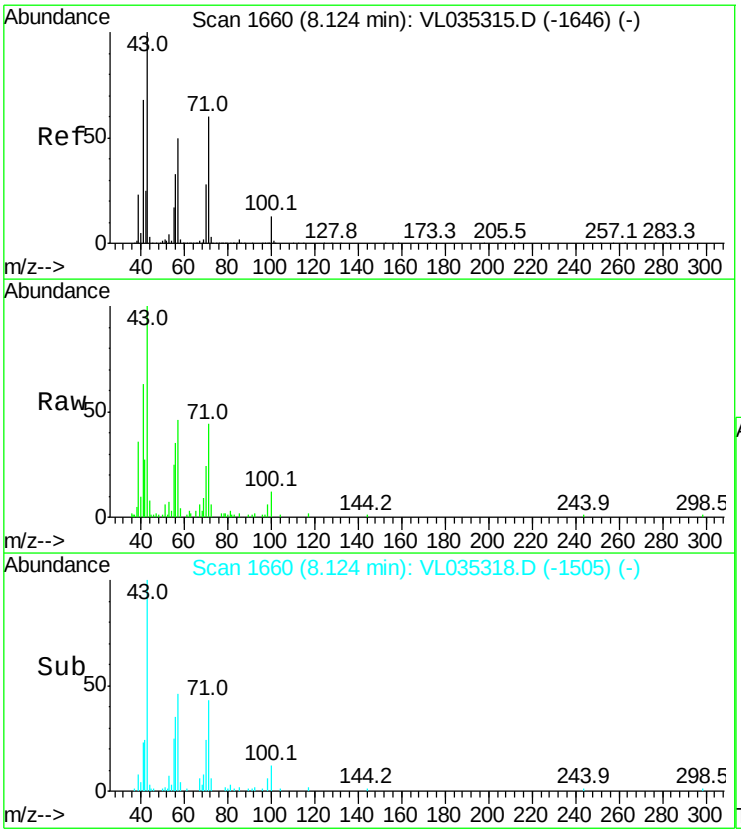
#9
Propene
Concen: 0.499 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 27721

Ion	Ratio	Lower	Upper
41	100		
42	71.8	56.8	85.2

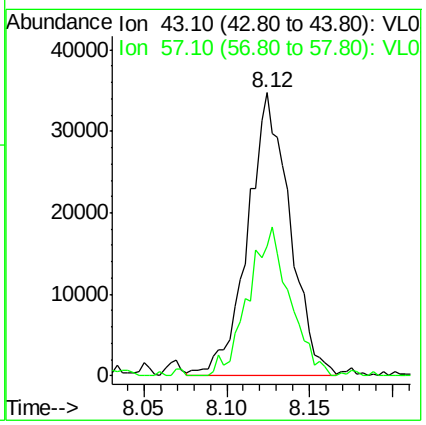


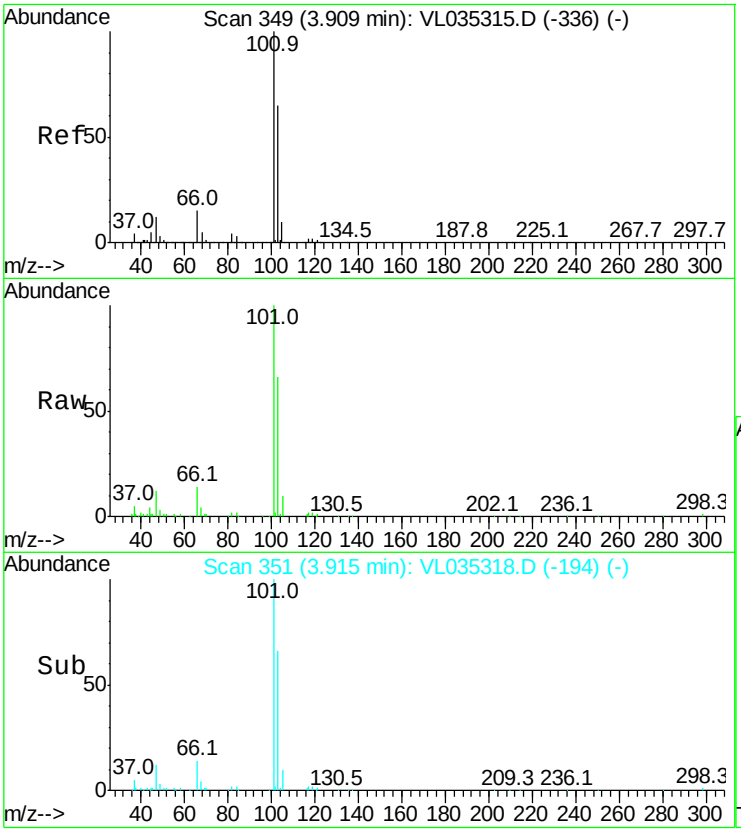


#10
Heptane
Concen: 0.407 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 43 Resp: 61277

Ion	Ratio	Lower	Upper
43	100		
57	53.2	42.4	63.6



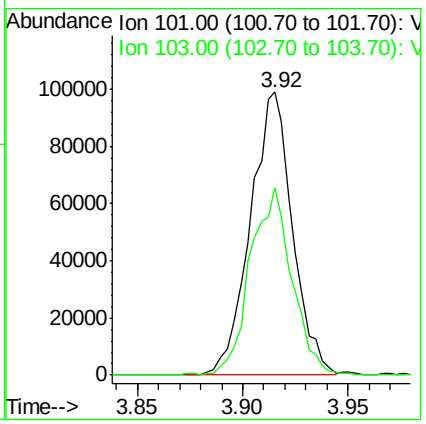


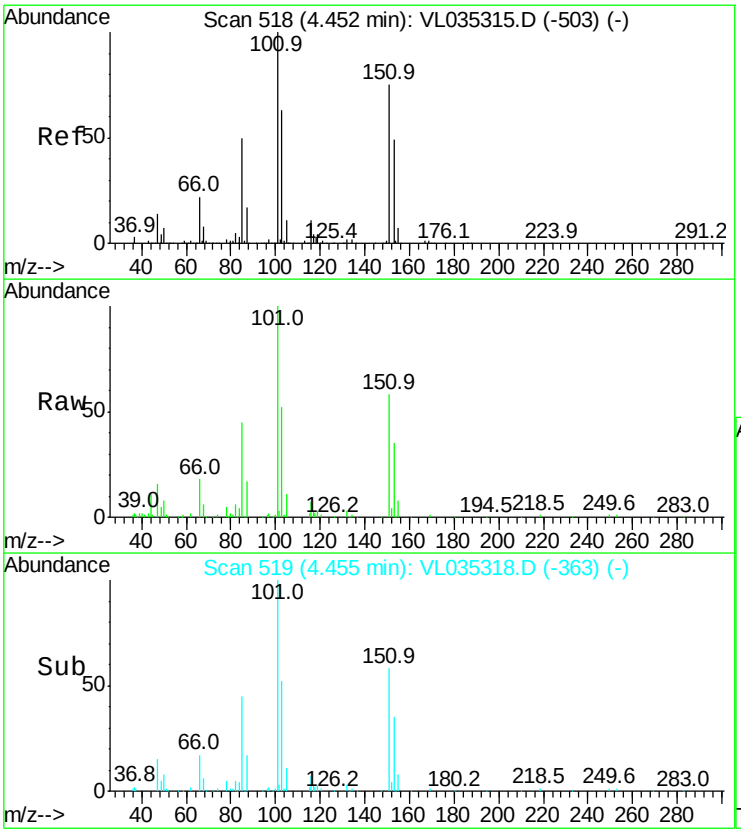
#11
Trichlorofluoromethane
Concen: 0.594 ppbv
RT: 3.92 min Scan# 351
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:101 Resp: 137488

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.6

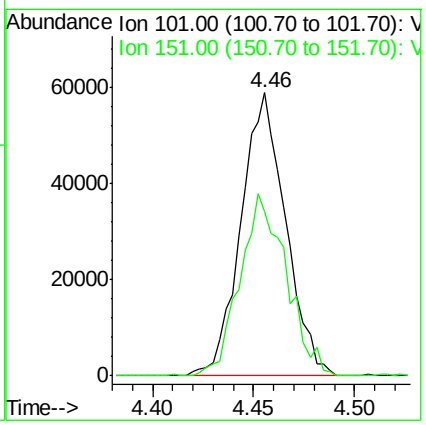


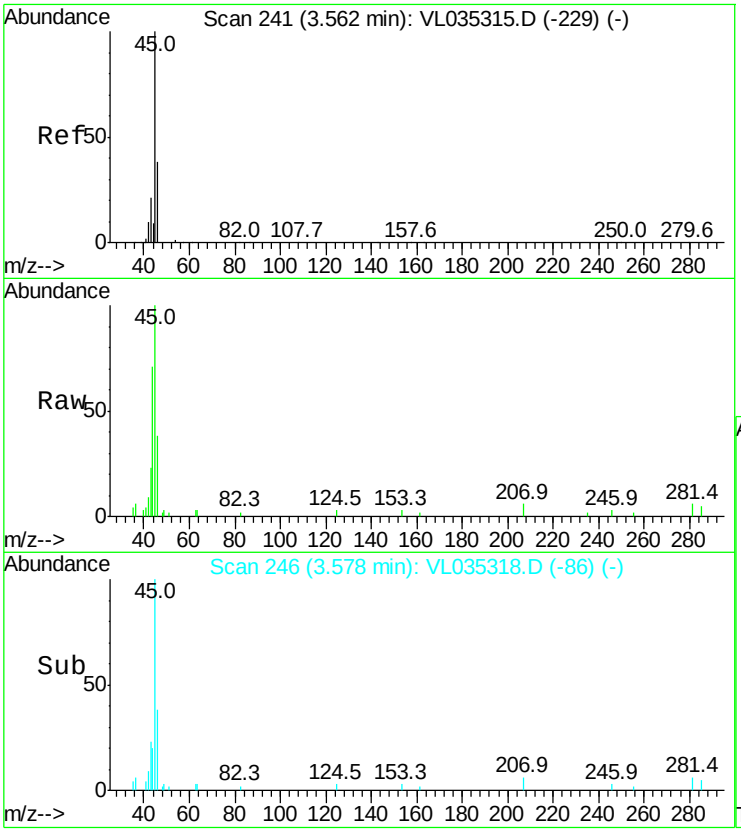


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.555 ppbv
RT: 4.46 min Scan# 519
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:101 Resp: 91032

Ion	Ratio	Lower	Upper
101	100		
151	67.3	58.9	88.3



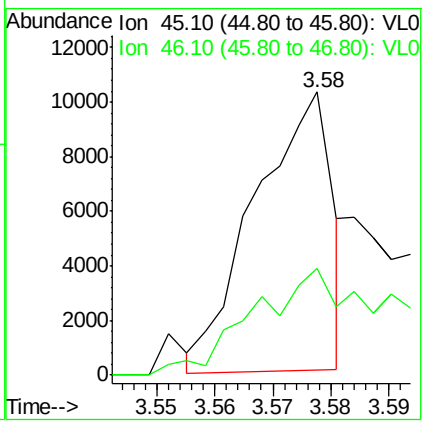


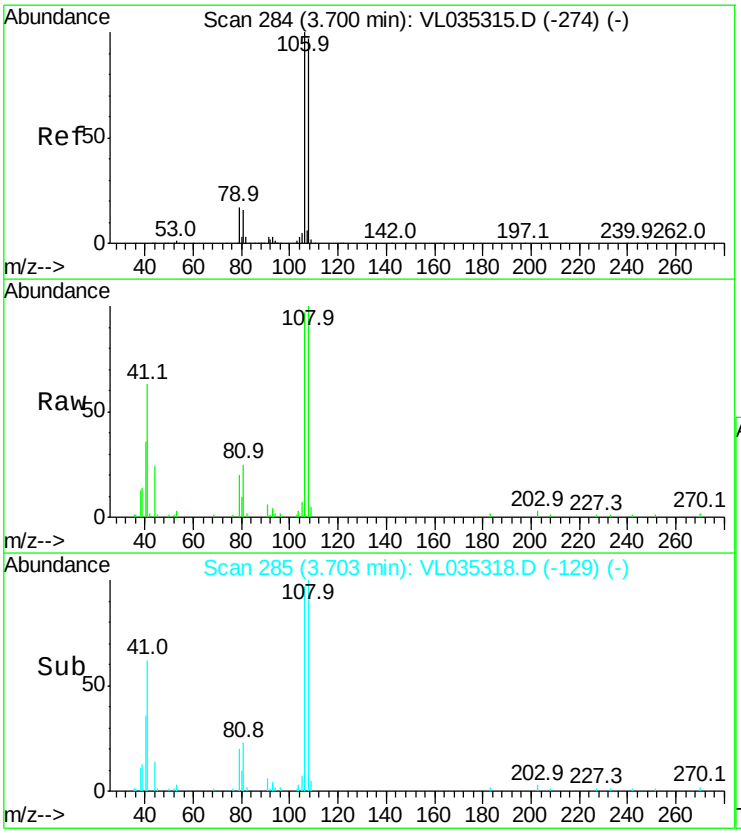
#13
Ethanol
Concen: 0.418 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.02 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 9447

Ion	Ratio	Lower	Upper
45	100		
46	73.2	14.5	57.9#

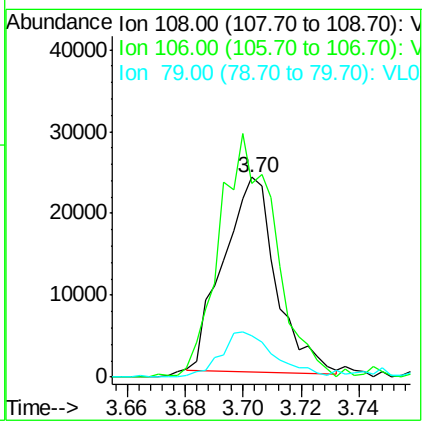


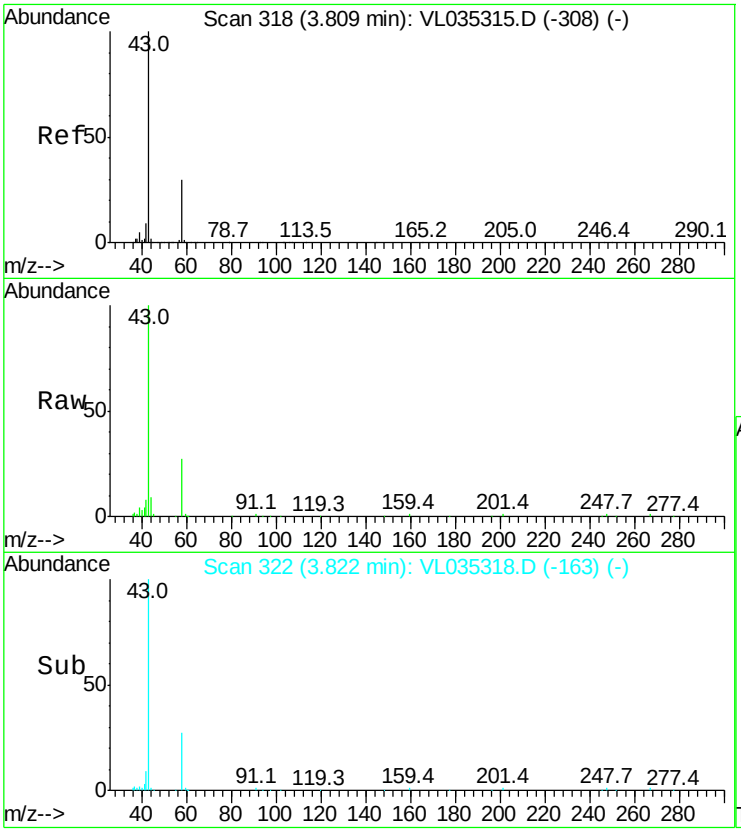


#14
Bromoethene
Concen: 0.448 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:108 Resp: 30029

Ion	Ratio	Lower	Upper
108	100		
106	132.5	86.2	129.2#
79	23.6	14.0	21.0#



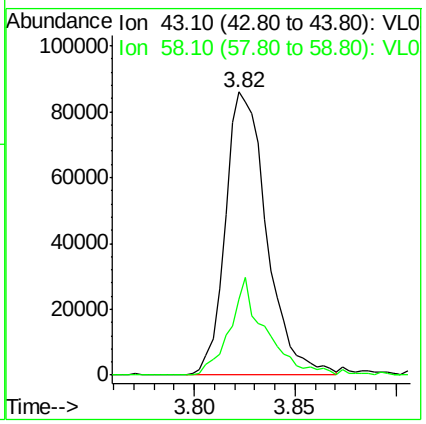


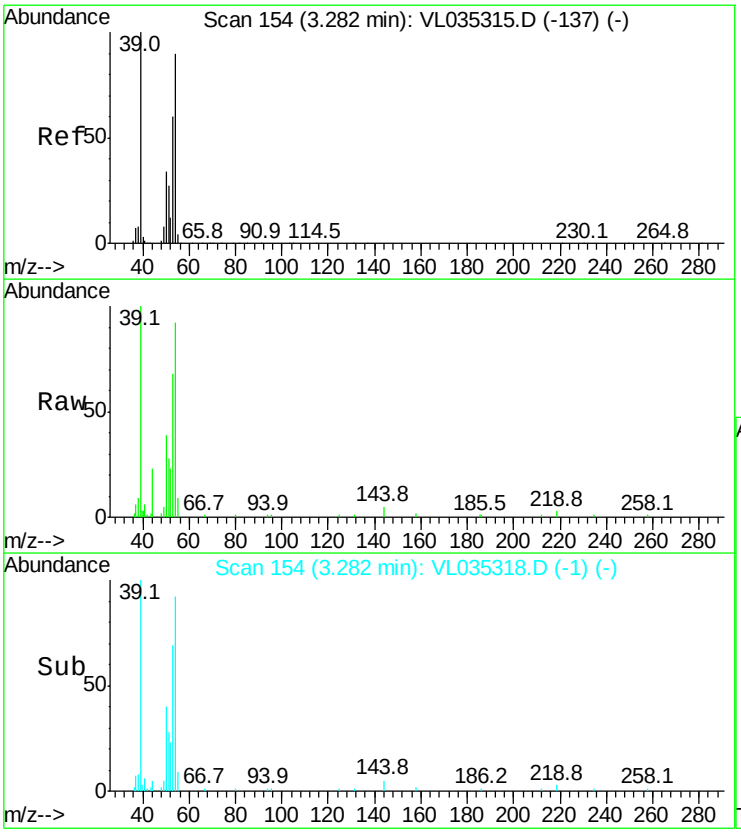
#15
Acetone
Concen: 0.643 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 123524

Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.1	33.1

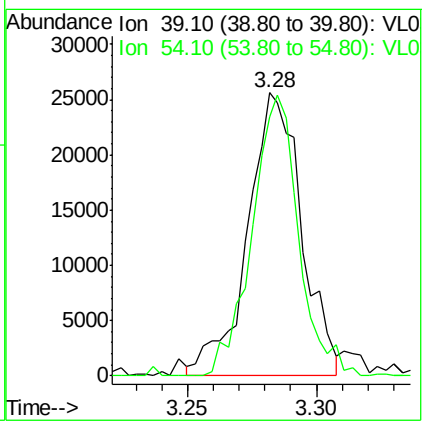


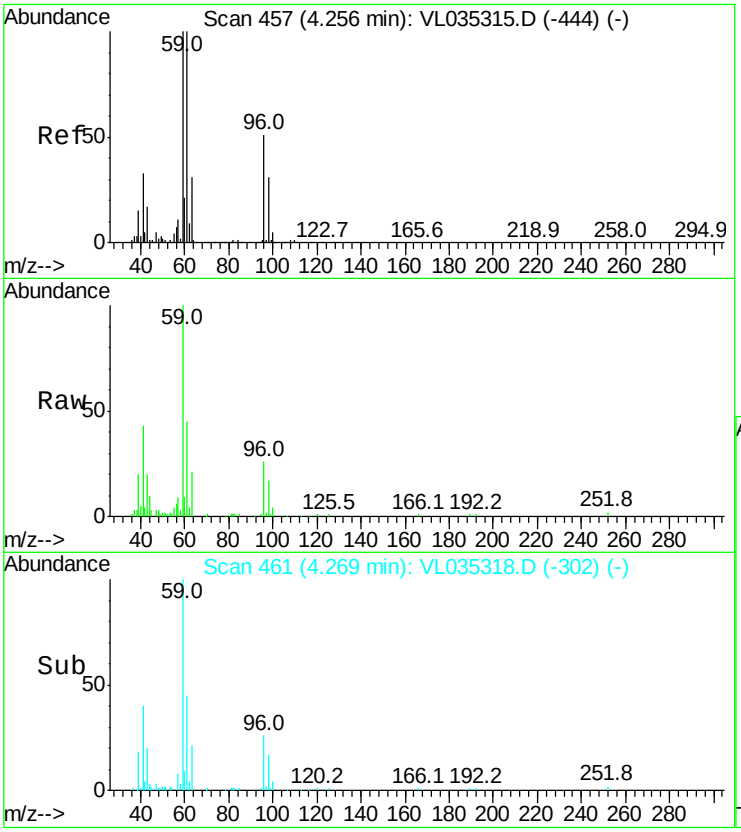


#16
1,3-Butadiene
Concen: 0.500 ppbv
RT: 3.28 min Scan# 154
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 39 Resp: 37445

Ion	Ratio	Lower	Upper
39	100		
54	85.8	68.0	102.0



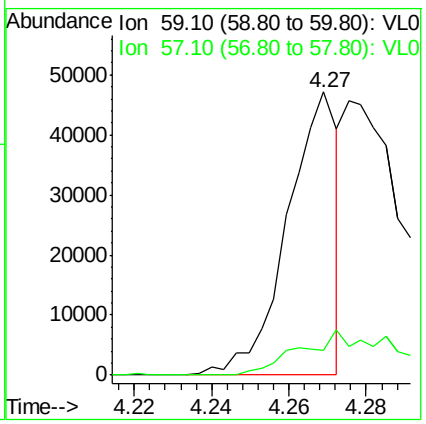


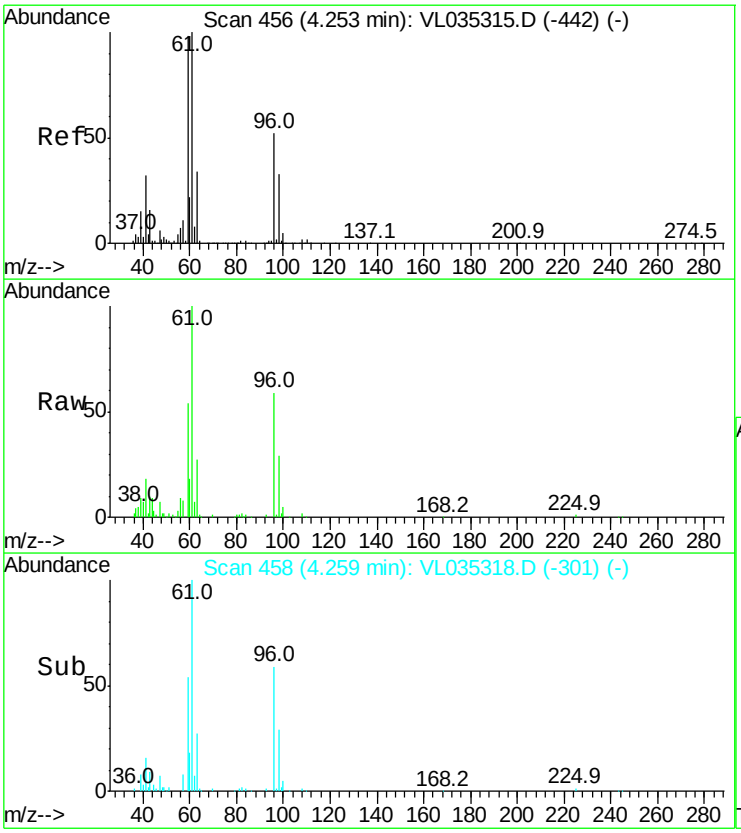
#17
tert-Butyl alcohol
Concen: 0.229 ppbv
RT: 4.27 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 42479

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

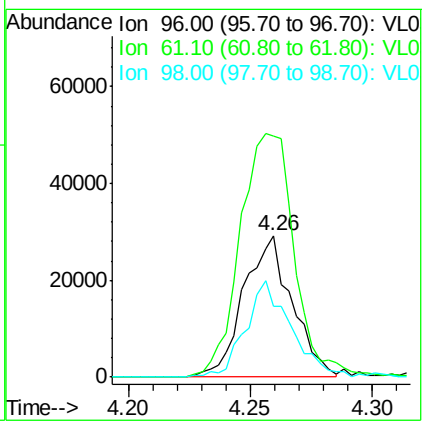


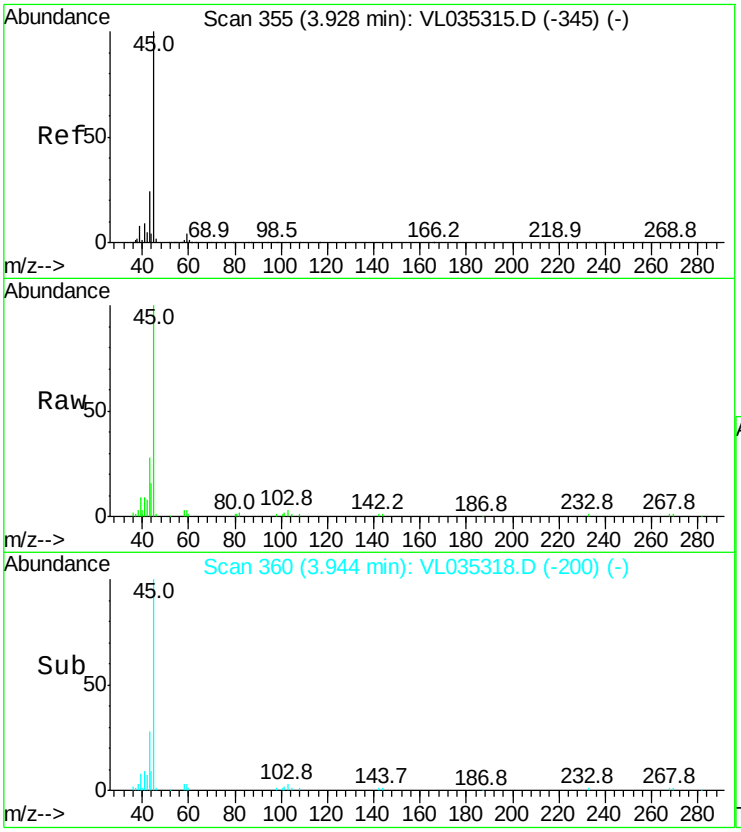


#18
1,1-Dichloroethene
Concen: 0.552 ppbv
RT: 4.26 min Scan# 458
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 96 Resp: 40243

Ion	Ratio	Lower	Upper
96	100		
61	170.1	154.9	232.3
98	49.9	51.0	76.4#



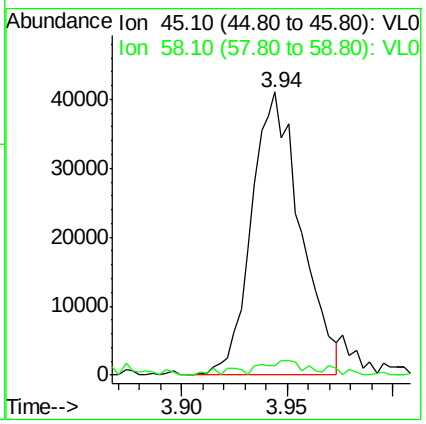


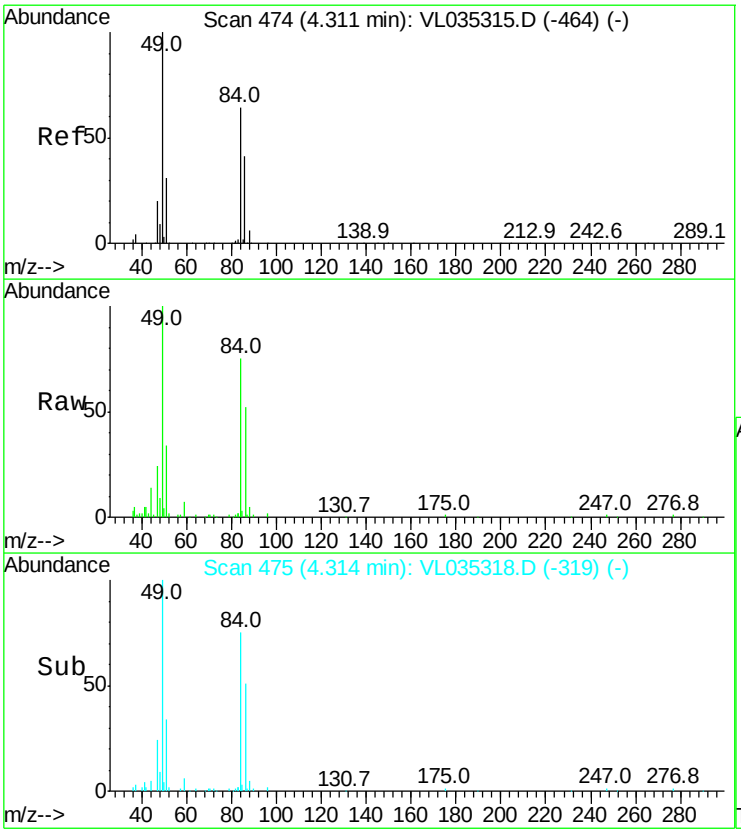
#19
Isopropyl Alcohol
Concen: 0.524 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.02 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 66397

Ion	Ratio	Lower	Upper
45	100		
58	6.8	1.5	2.3#

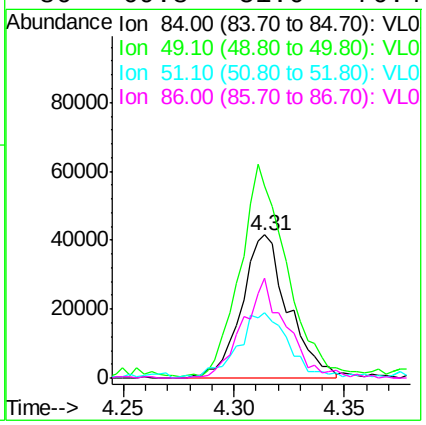


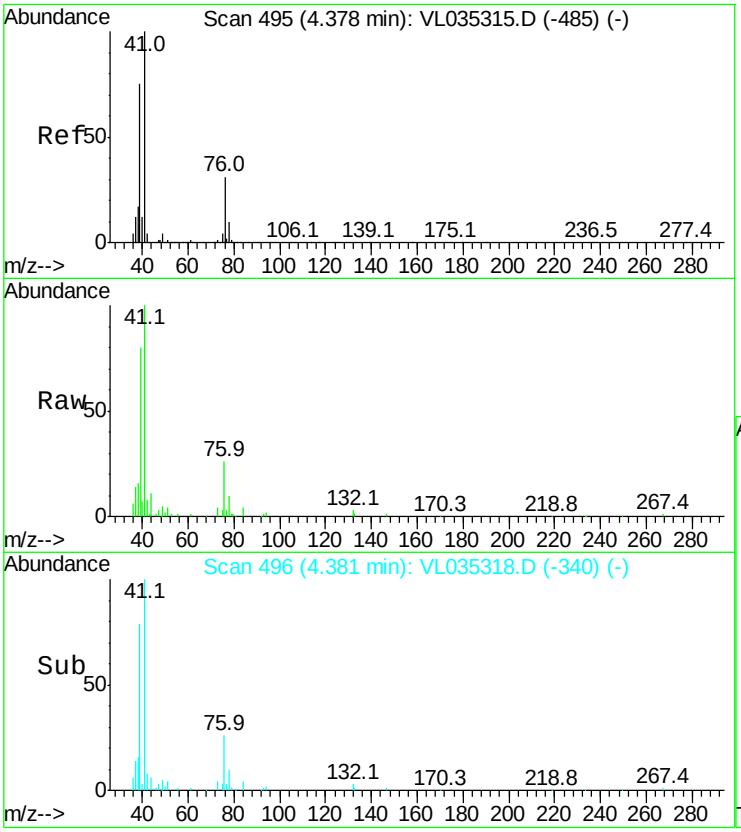


#20
Methylene Chloride
Concen: 0.696 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 84 Resp: 60876

Ion	Ratio	Lower	Upper
84	100		
49	132.6	124.2	186.2
51	46.6	38.6	58.0
86	69.8	51.0	76.4



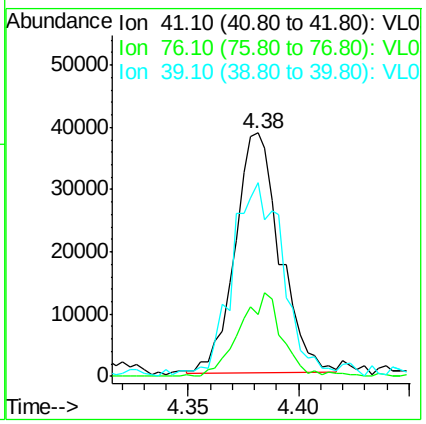


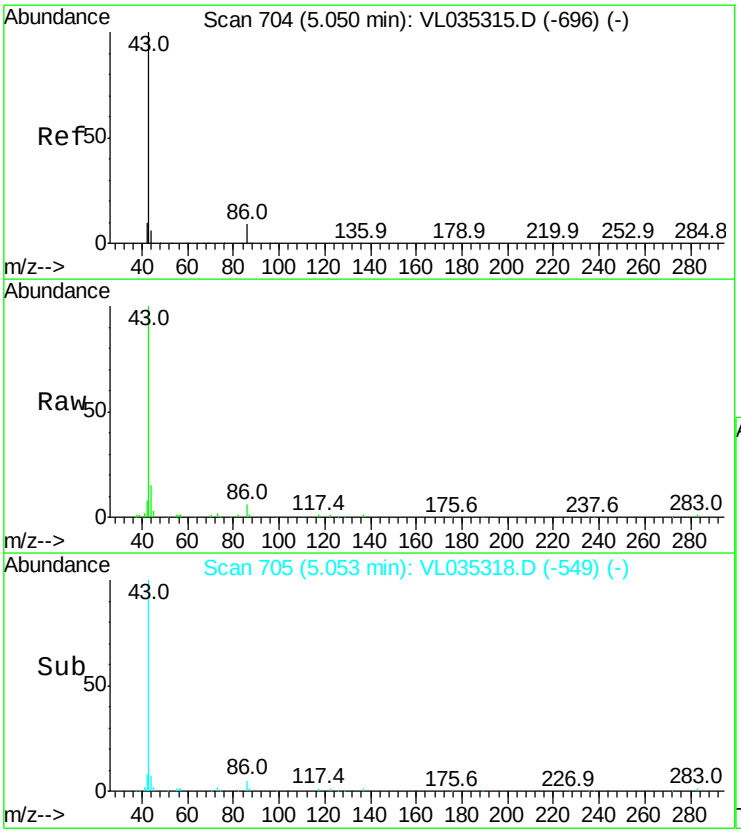
#21
Allyl Chloride
Concen: 0.501 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 54840

Ion	Ratio	Lower	Upper
41	100		
76	33.6	24.4	36.6
39	94.0	61.8	92.6#

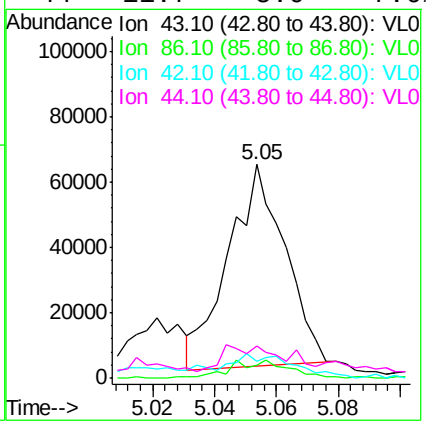


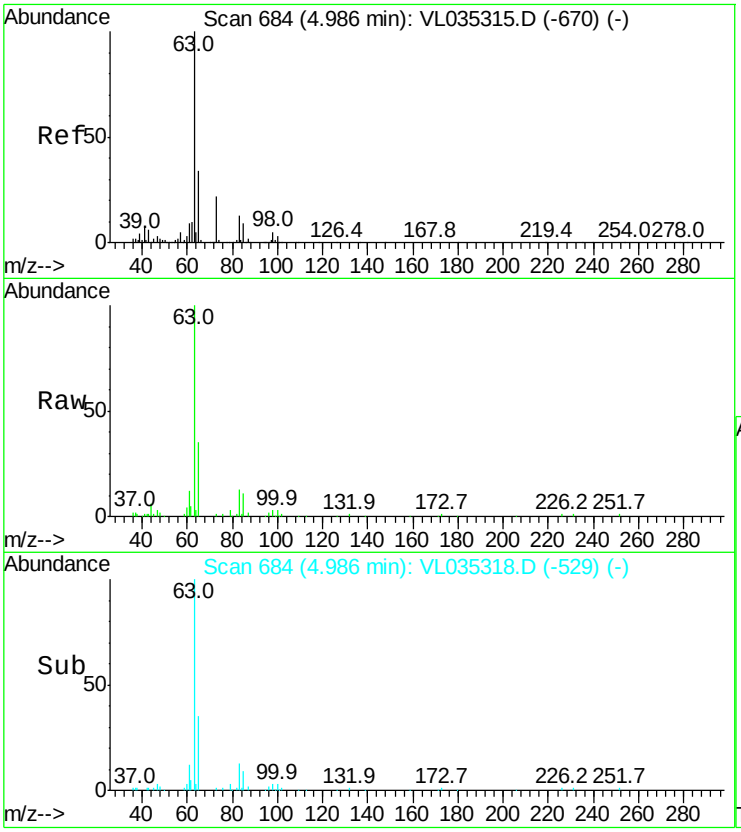


#23
Vinyl Acetate
Concen: 0.408 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 43 Resp: 78663

Ion	Ratio	Lower	Upper
43	100		
86	6.1	6.5	9.7#
42	7.2	8.2	12.4#
44	11.7	5.0	7.6#



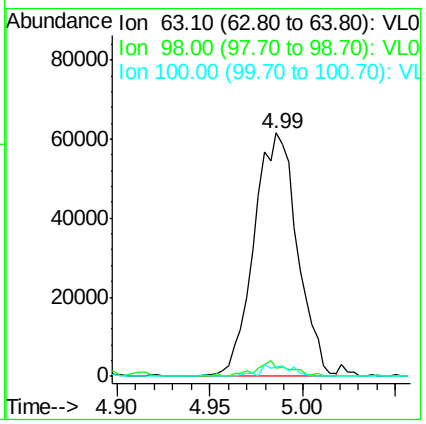


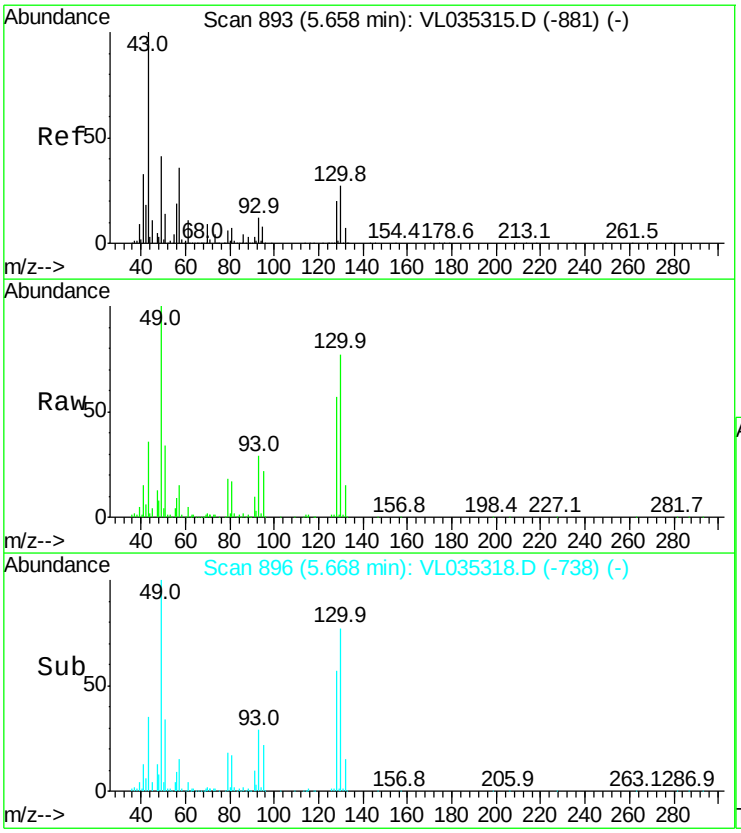
#24
1,1-Dichloroethane
Concen: 0.556 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 100148

Ion	Ratio	Lower	Upper
63	100		
98	3.2	2.5	7.5
100	3.7	1.5	4.4

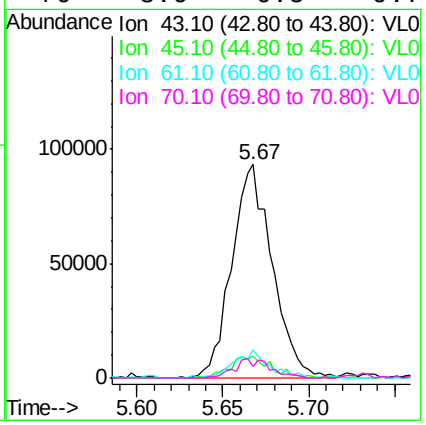


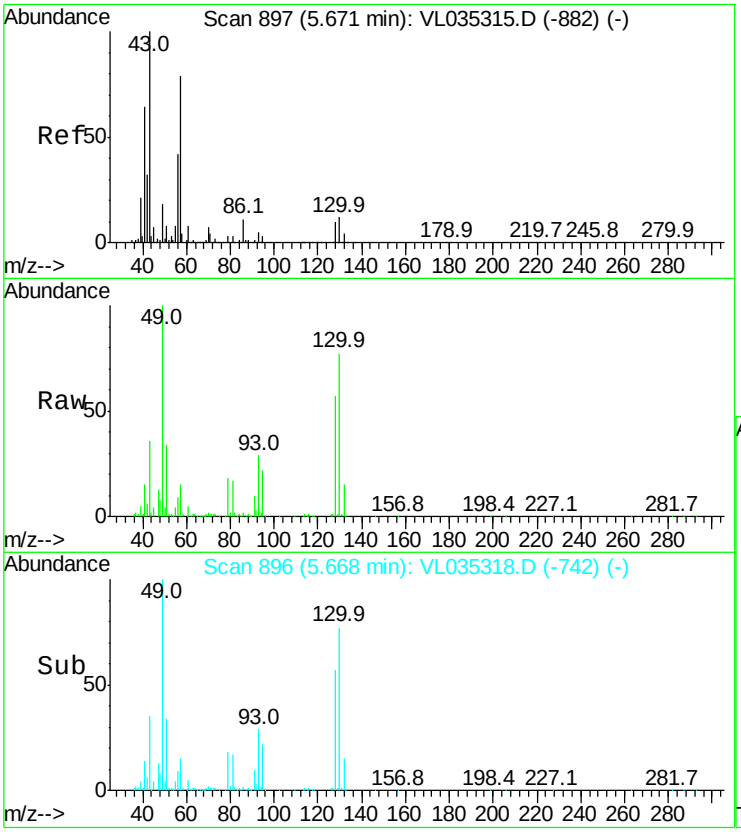


#25
Ethyl Acetate
Concen: 0.505 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 43 Resp: 151455

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.6	12.8
61	11.8	8.1	12.1
70	8.0	6.5	9.7



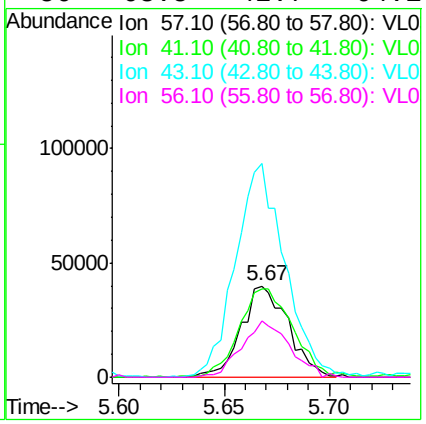


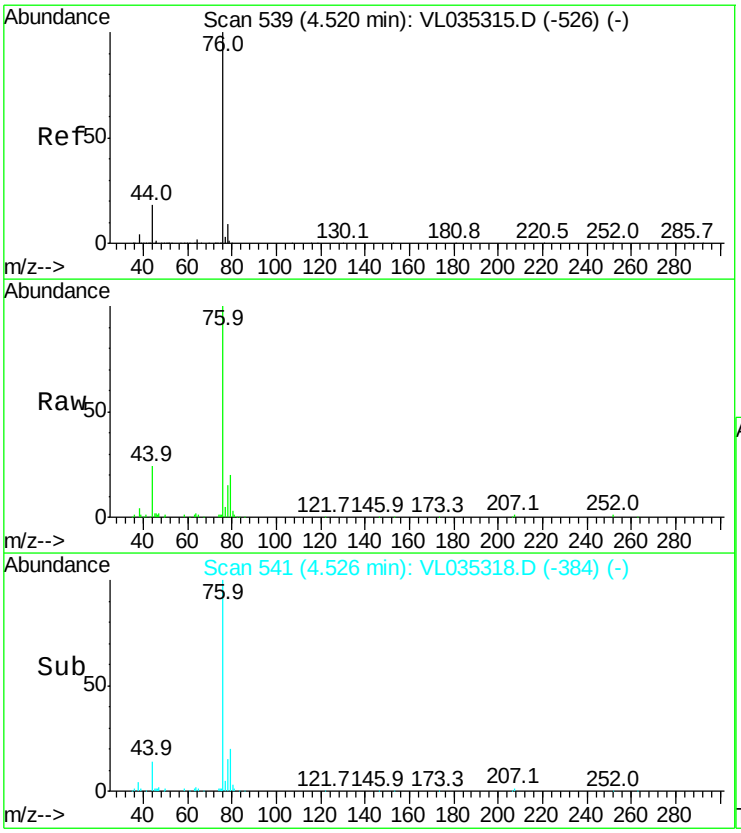
#26
Hexane
Concen: 0.450 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 60945

Ion	Ratio	Lower	Upper
57	100		
41	113.6	72.1	108.1#
43	251.9	179.0	268.6
56	63.5	42.7	64.1

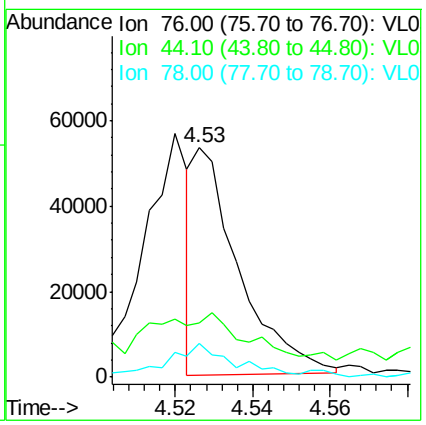


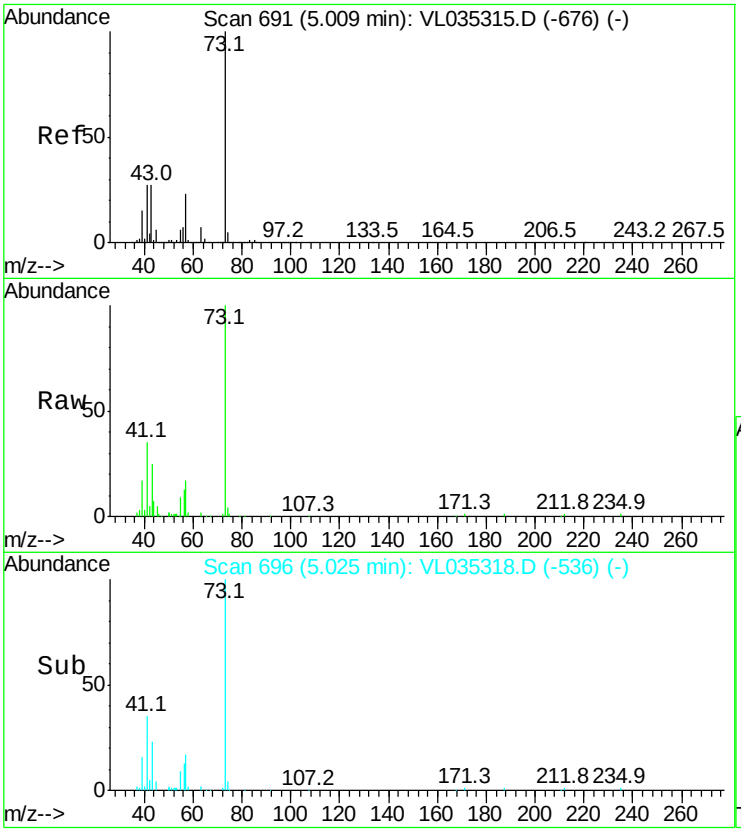


#27
Carbon Disulfide
Concen: 0.234 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 76 Resp: 42740

Ion	Ratio	Lower	Upper
76	100		
44	58.5	14.8	22.2#
78	25.5	7.8	11.8#



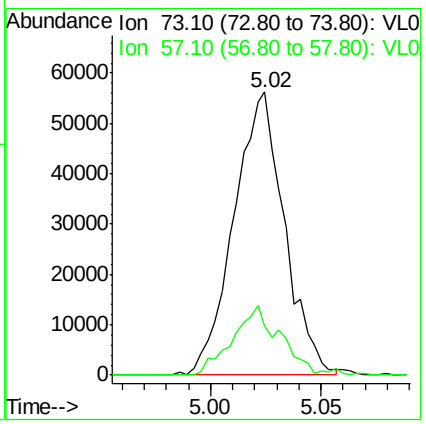


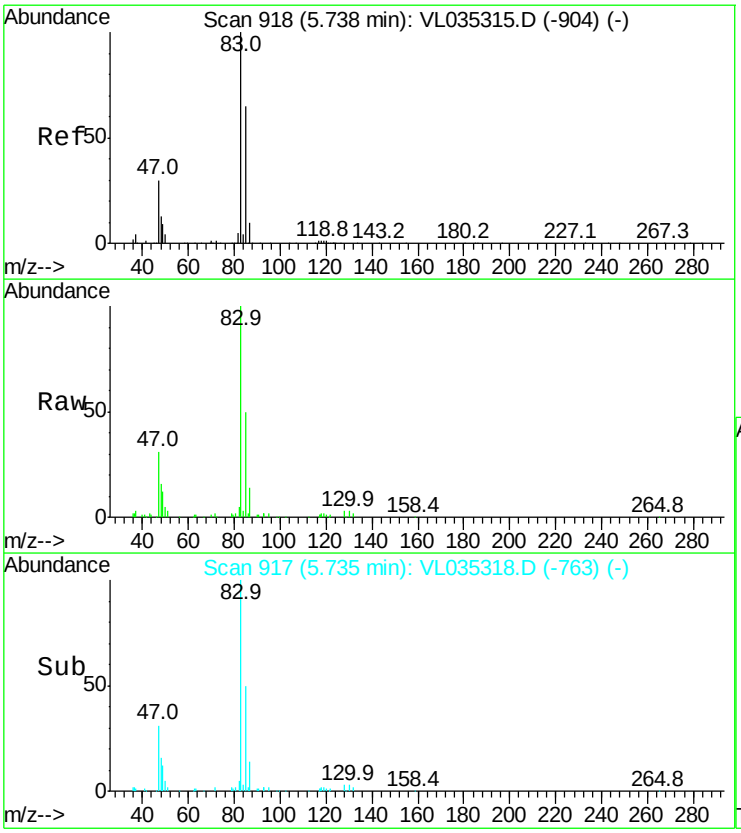
#28
Methyl tert-Butyl Ether
Concen: 0.460 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.02 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 73 Resp: 89071

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.2	27.2

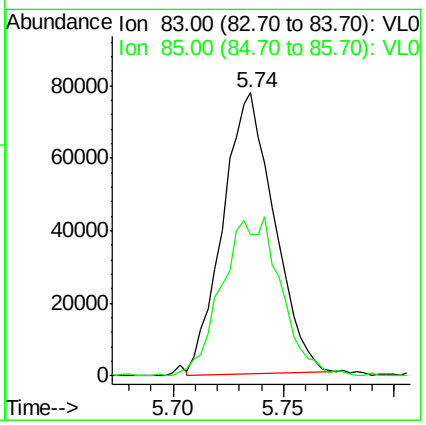


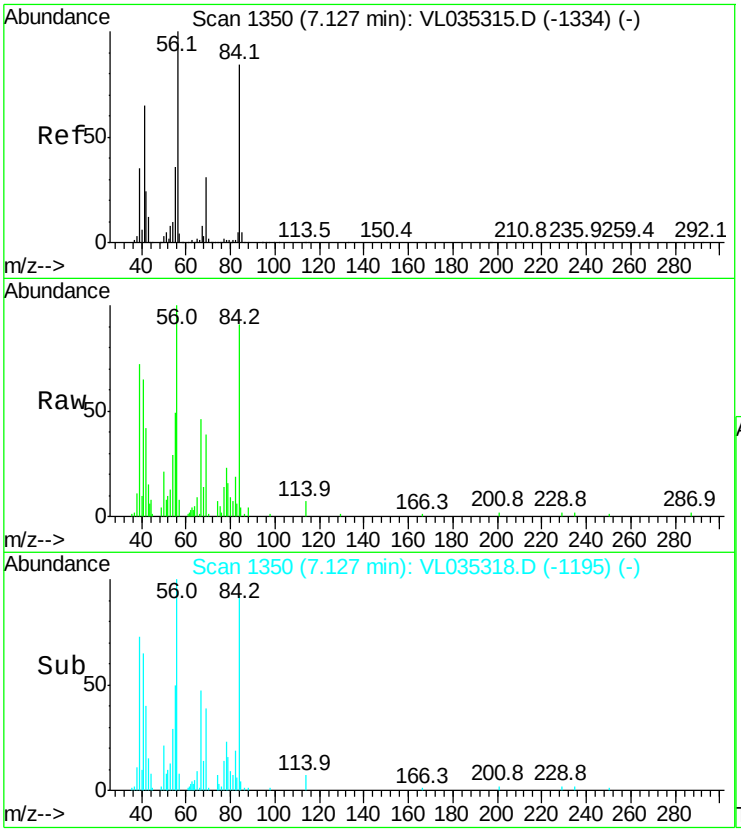


#29
Chloroform
Concen: 0.552 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 83 Resp: 125268

Ion	Ratio	Lower	Upper
83	100		
85	48.6	51.9	77.9#



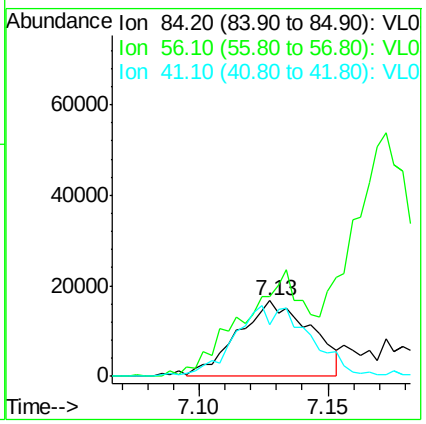


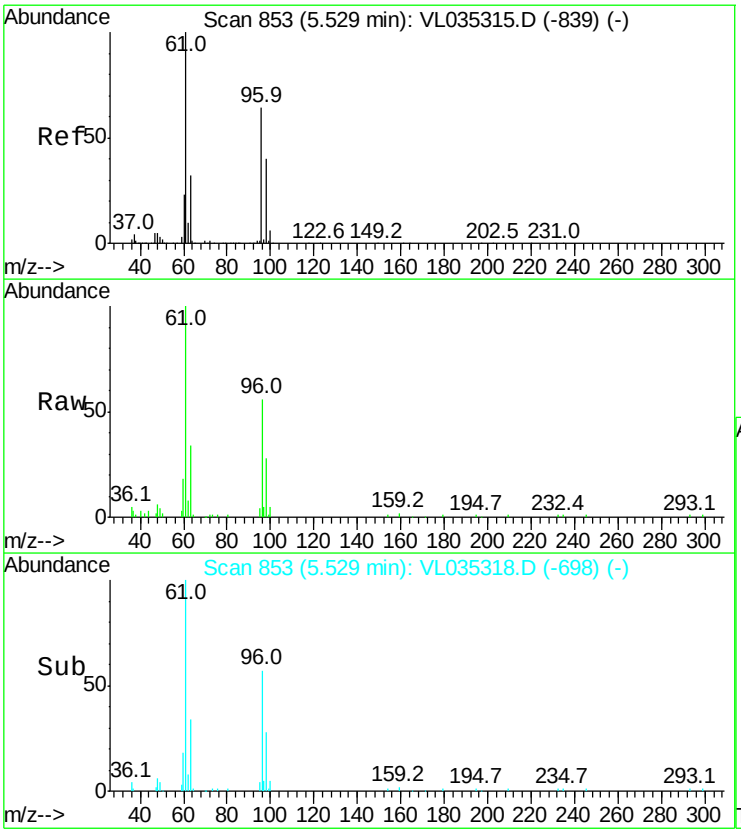
#30
Cyclohexane
Concen: 0.340 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 32873

Ion	Ratio	Lower	Upper
84	100		
56	0.0	103.0	154.6#
41	98.4	62.7	94.1#

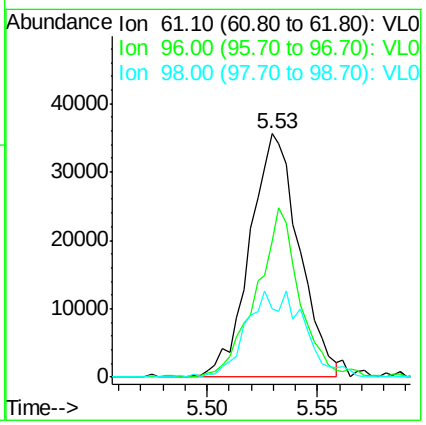


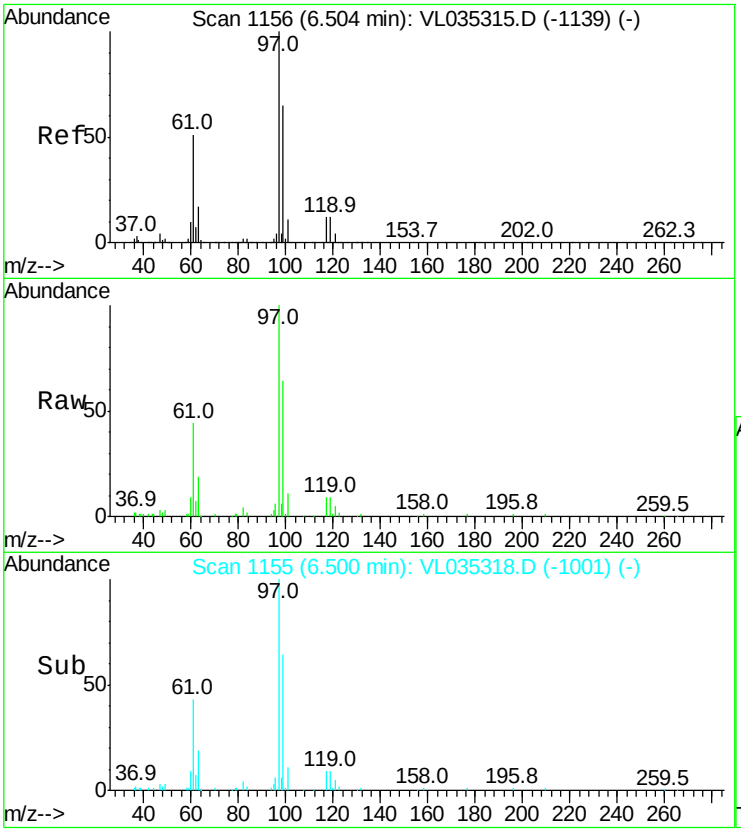


#31
cis-1,2-Dichloroethene
Concen: 0.467 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 61 Resp: 55061

Ion	Ratio	Lower	Upper
61	100		
96	56.0	51.4	77.2
98	28.3	32.2	48.4#



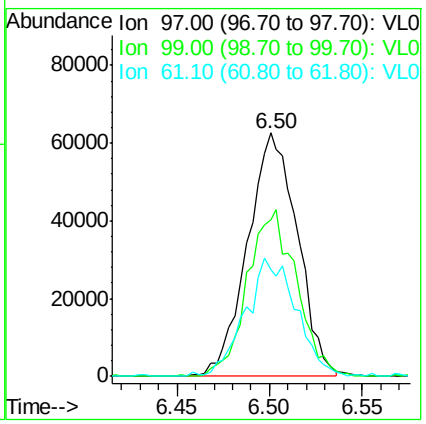


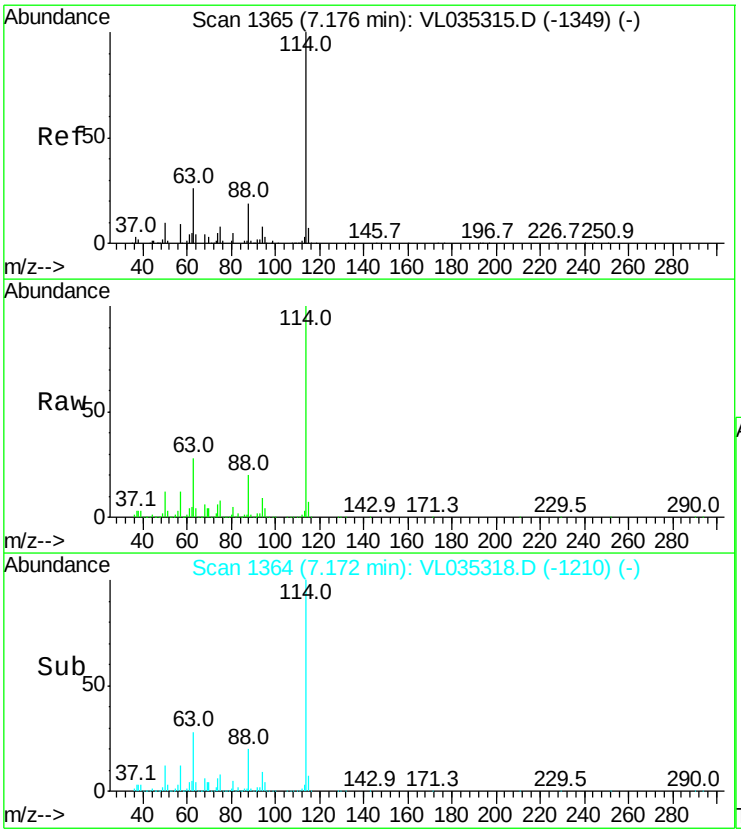
#32
1,1,1-Trichloroethane
Concen: 0.505 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 97 Resp: 117249

Ion	Ratio	Lower	Upper
97	100		
99	67.1	52.2	78.4
61	49.9	40.9	61.3

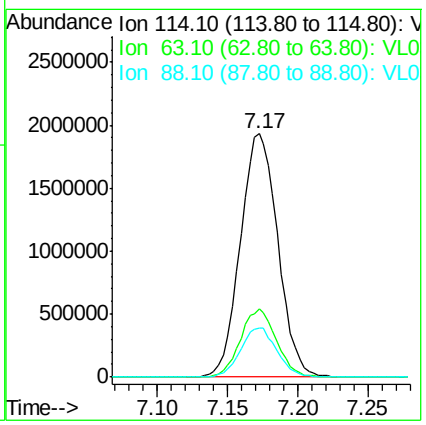


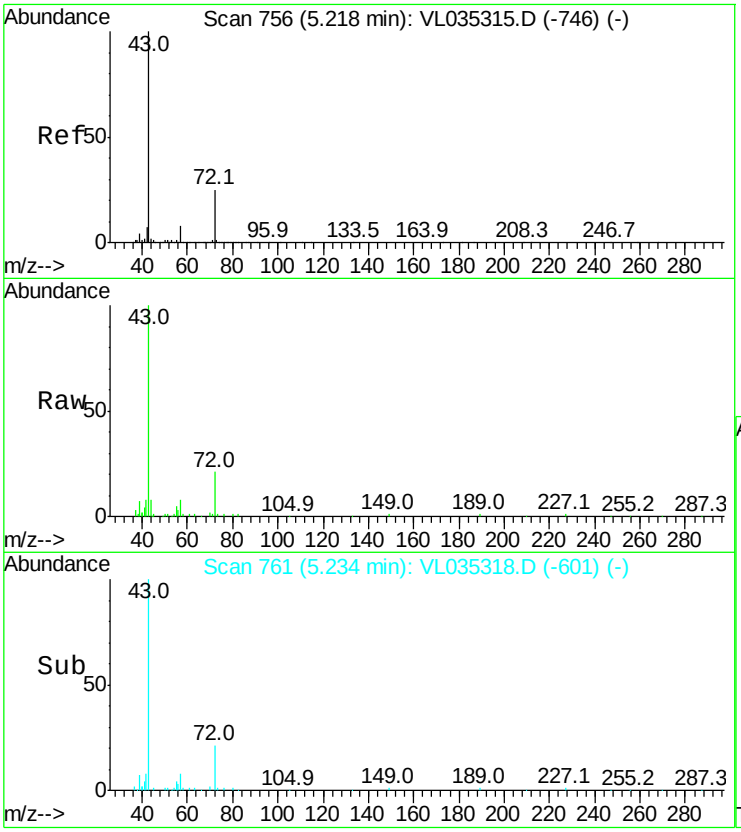


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:114 Resp: 3599027

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.5	32.3
88	19.5	15.3	22.9



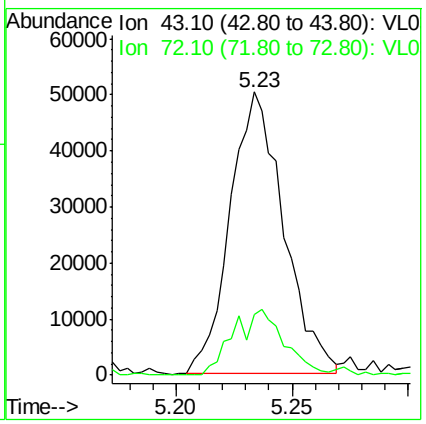


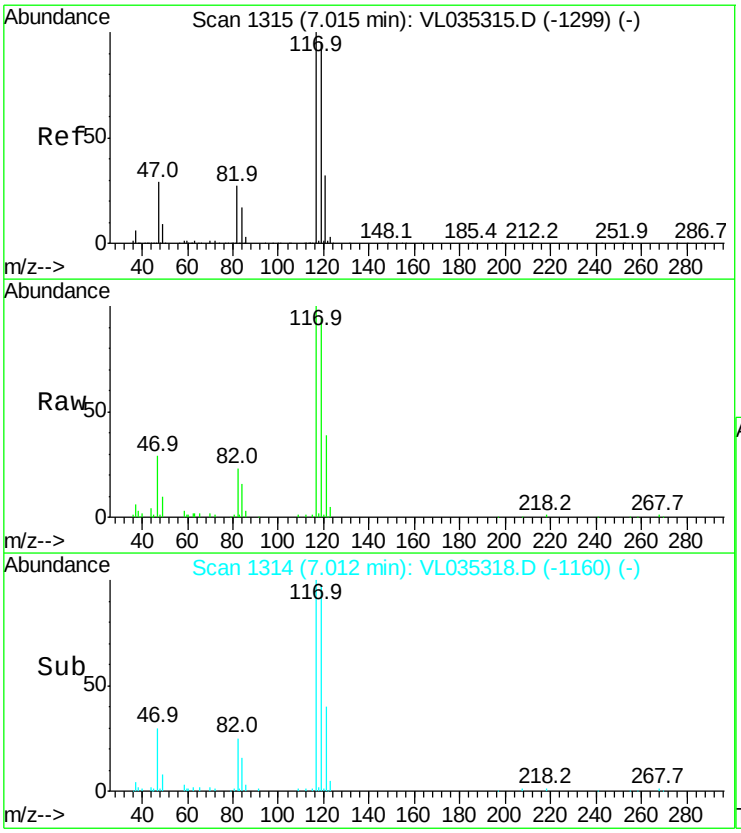
#34
2-Butanone
Concen: 0.441 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.02 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 80670

Ion	Ratio	Lower	Upper
43	100		
72	23.5	19.2	28.8

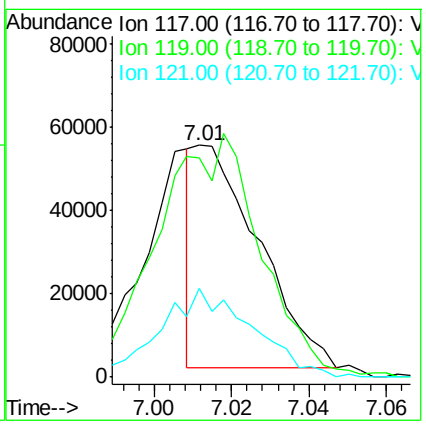


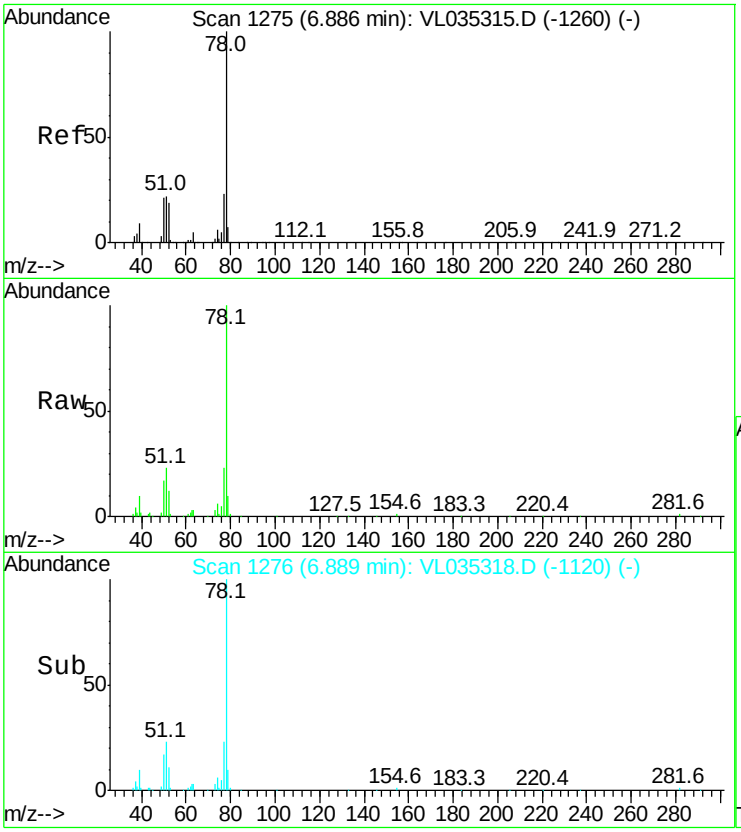


#35
Carbon Tetrachloride
Concen: 0.253 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:117 Resp: 61088

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.1	114.1
121	39.3	25.6	38.4#



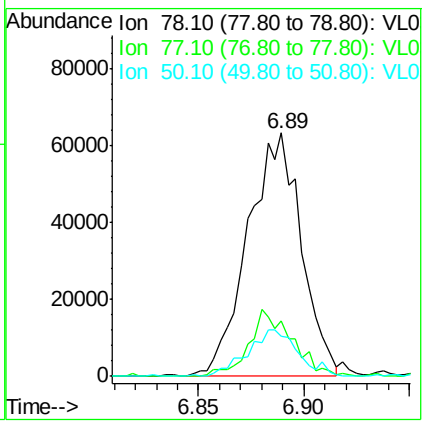


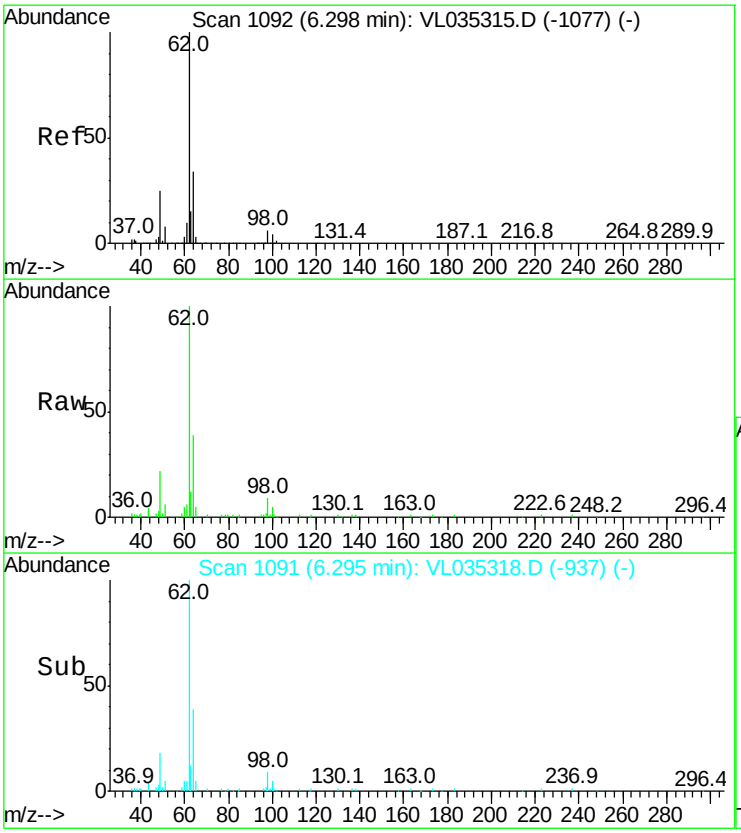
#36
Benzene
Concen: 0.446 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 111578

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.4	27.6
50	16.6	16.6	25.0#

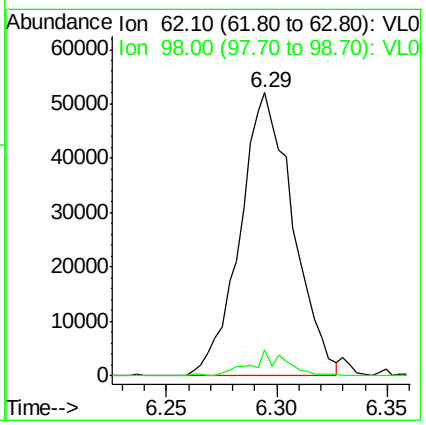


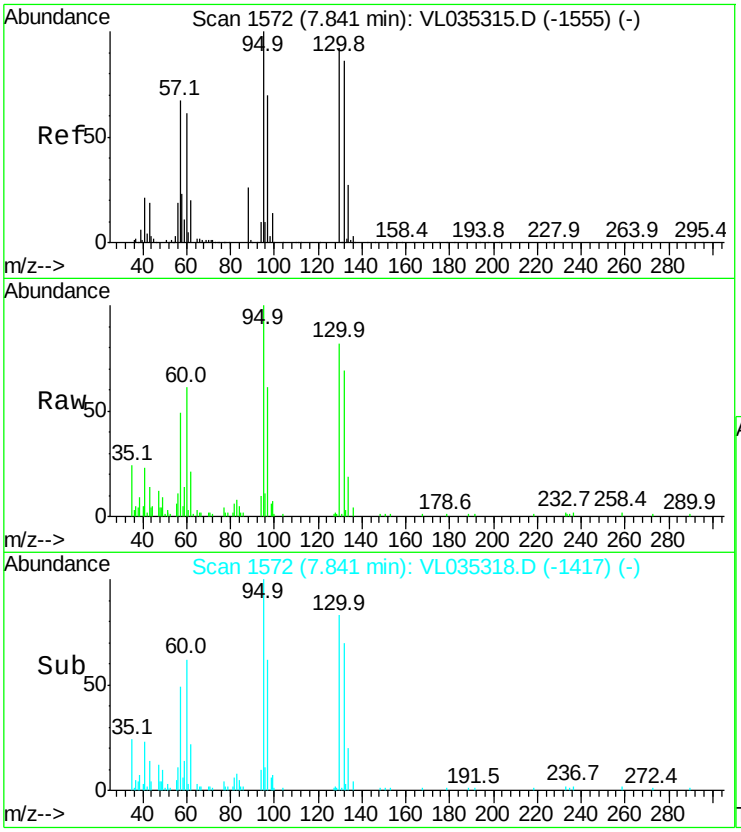


#37
1,2-Dichloroethane
Concen: 0.498 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 62 Resp: 86996

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.6	7.0



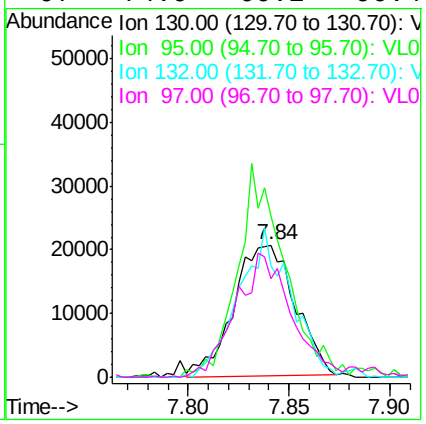


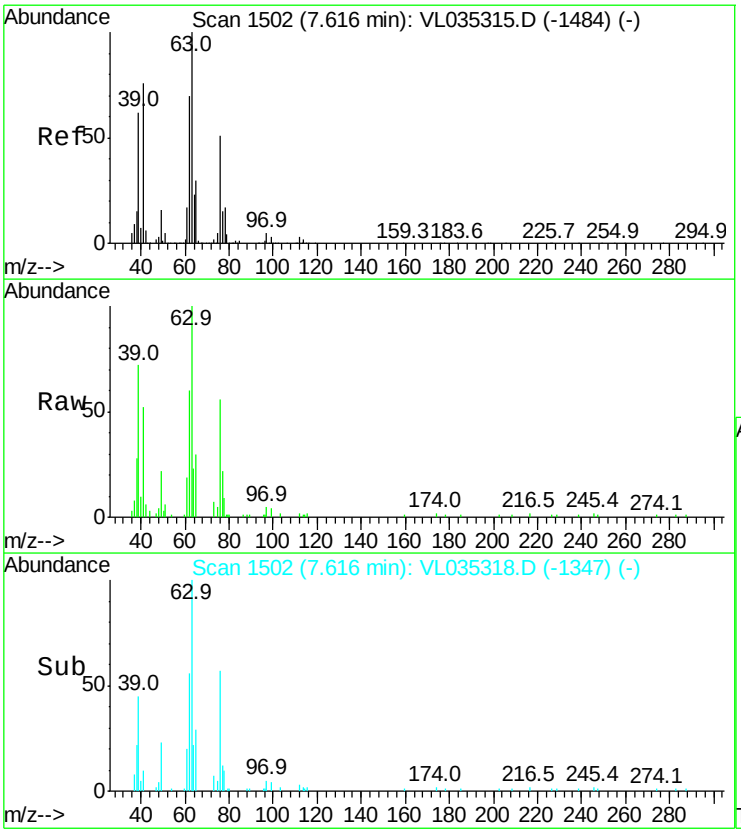
#38
Trichloroethene
Concen: 0.418 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:130 Resp: 43383

Ion	Ratio	Lower	Upper
130	100		
95	120.3	86.3	129.5
132	84.5	74.2	111.2
97	74.9	60.2	90.4

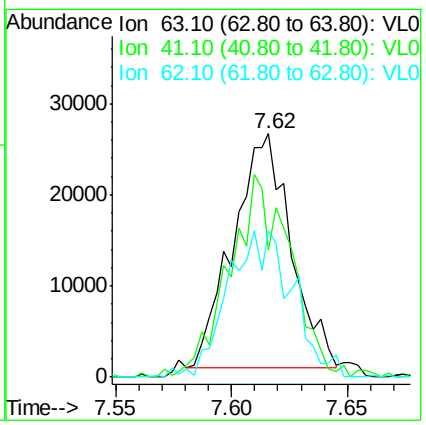


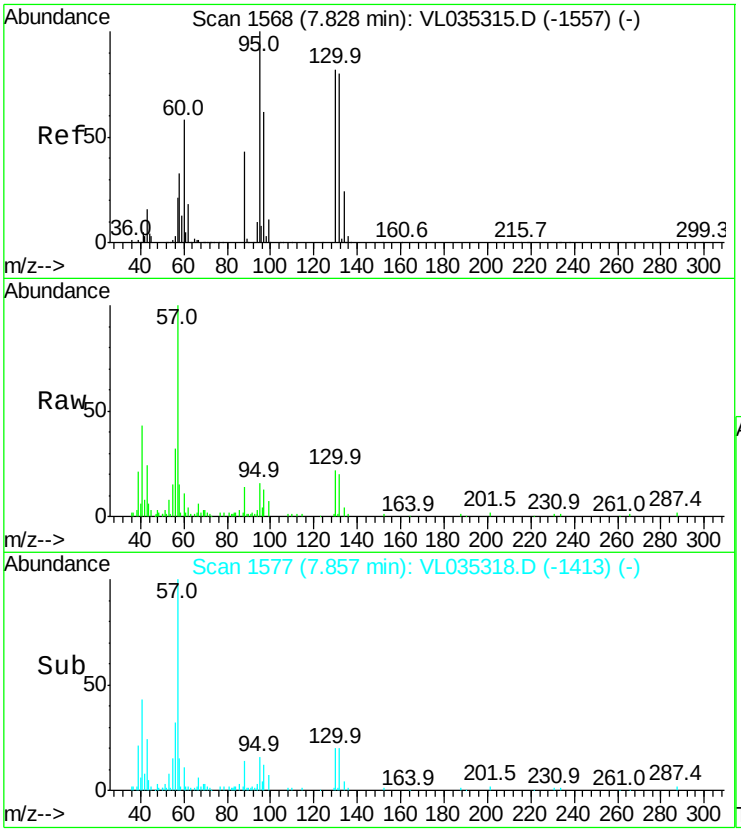


#39
1,2-Dichloropropane
Concen: 0.445 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 63 Resp: 44417

Ion	Ratio	Lower	Upper
63	100		
41	52.0	61.0	91.4#
62	54.6	55.8	83.8#



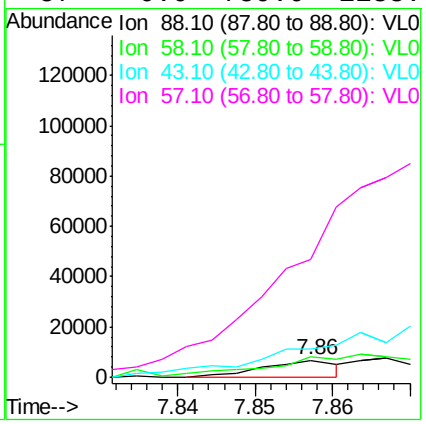


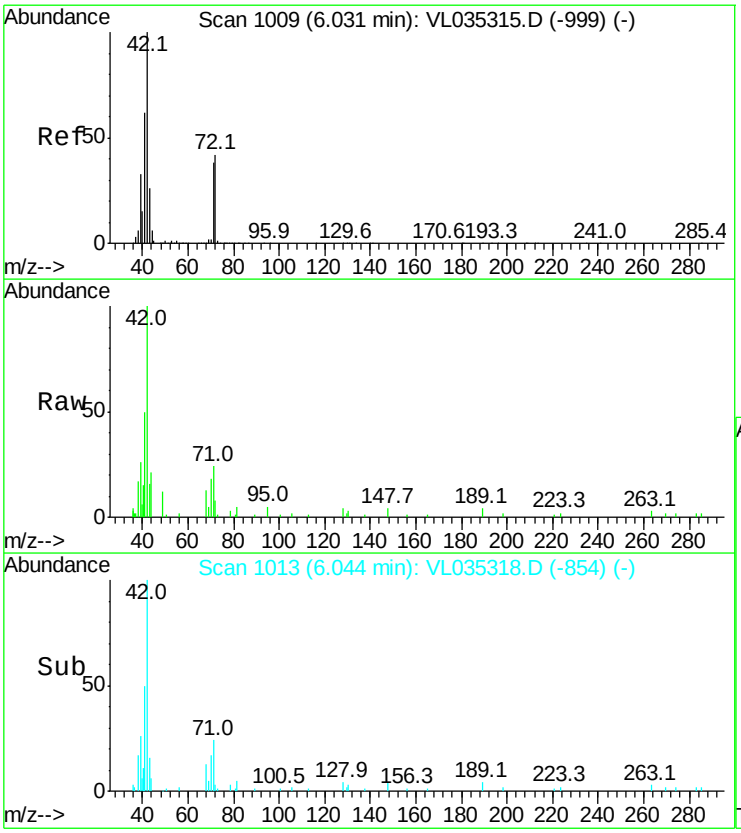
#40
1,4-Dioxane
Concen: 0.116 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.03 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 88 Resp: 4557

Ion	Ratio	Lower	Upper
88	100		
58	0.0	95.4	143.2#
43	0.0	172.7	259.1#
57	0.0	759.0	1138.4#

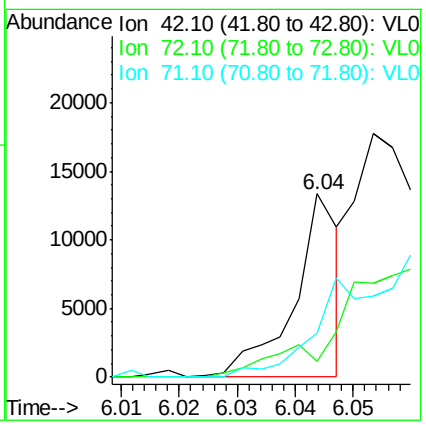


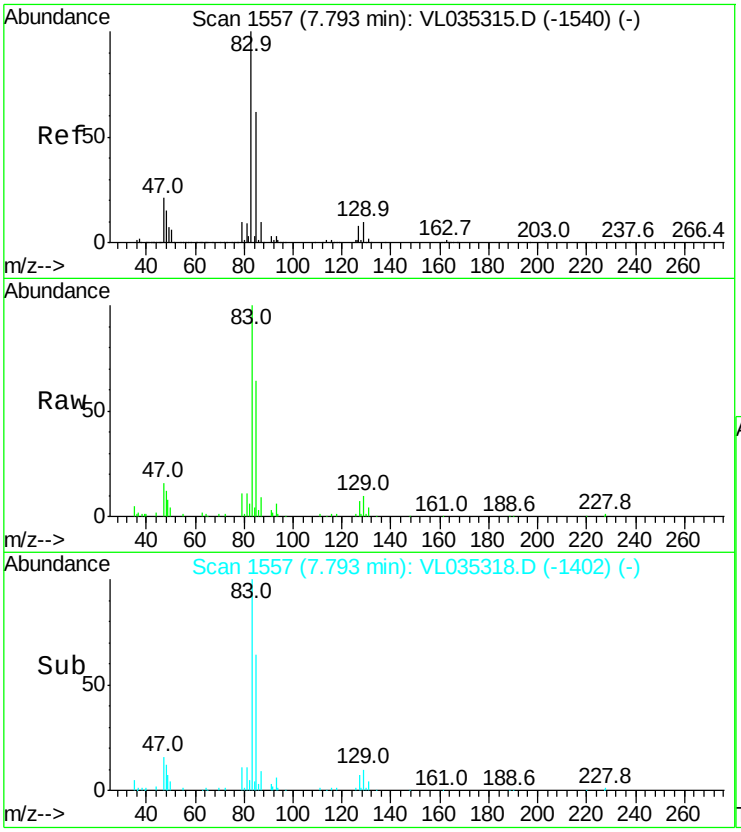


#41
Tetrahydrofuran
Concen: 0.081 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 42 Resp: 7264

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.8#
71	0.0	32.7	49.1#



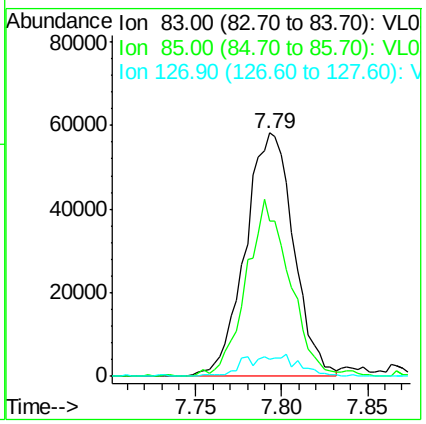


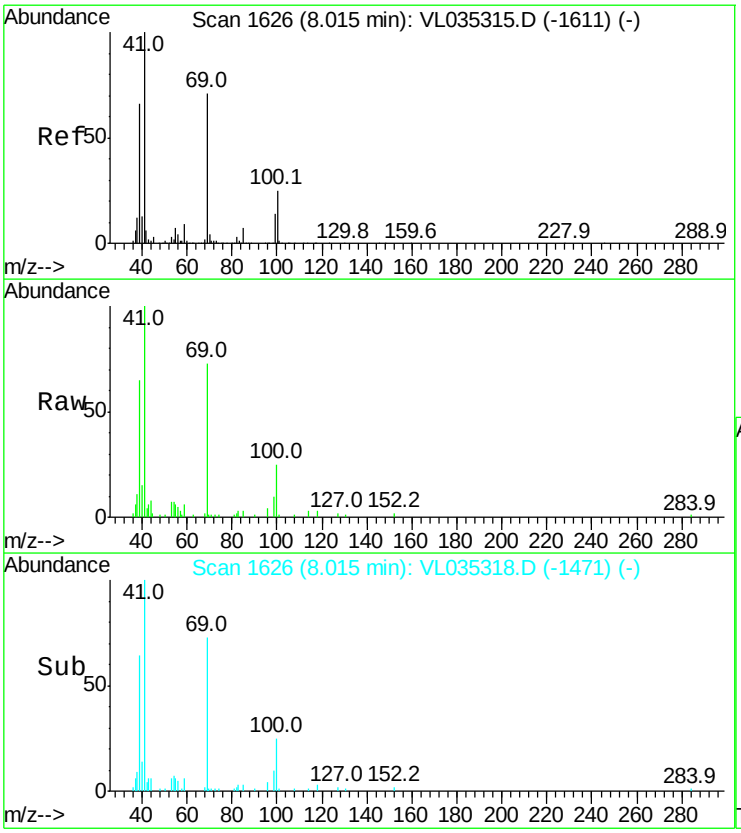
#42
Bromodichloromethane
Concen: 0.486 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 113457

Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.9	74.9
127	6.8	6.6	10.0

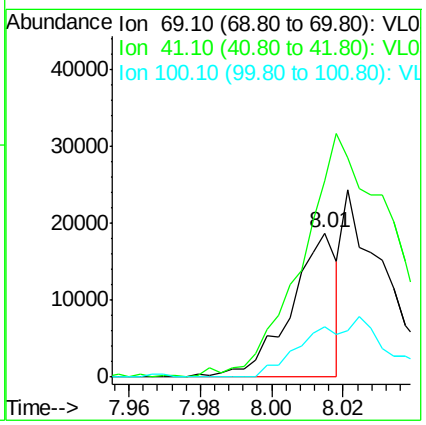


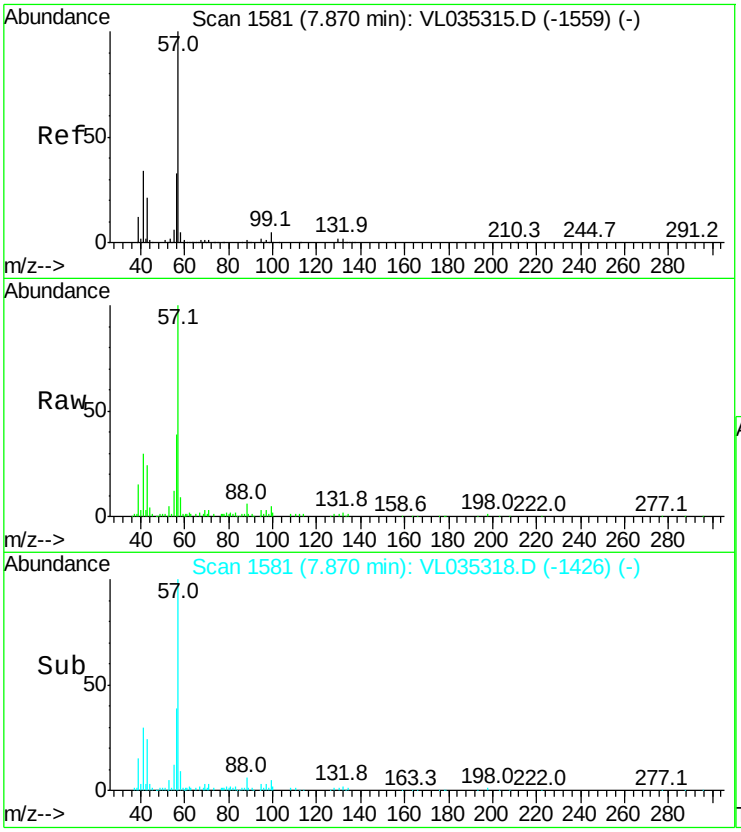


#43
Methyl Methacrylate
Concen: 0.156 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 69 Resp: 16861

Ion	Ratio	Lower	Upper
69	100		
41	0.0	110.9	166.3#
100	0.0	26.0	39.0#



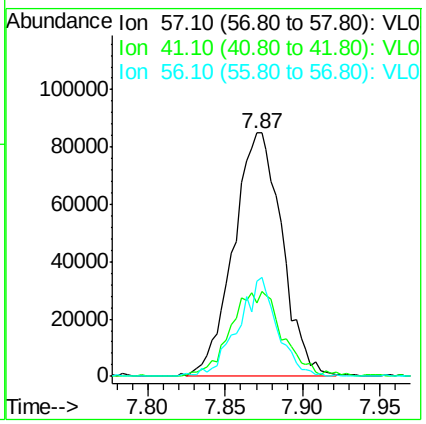


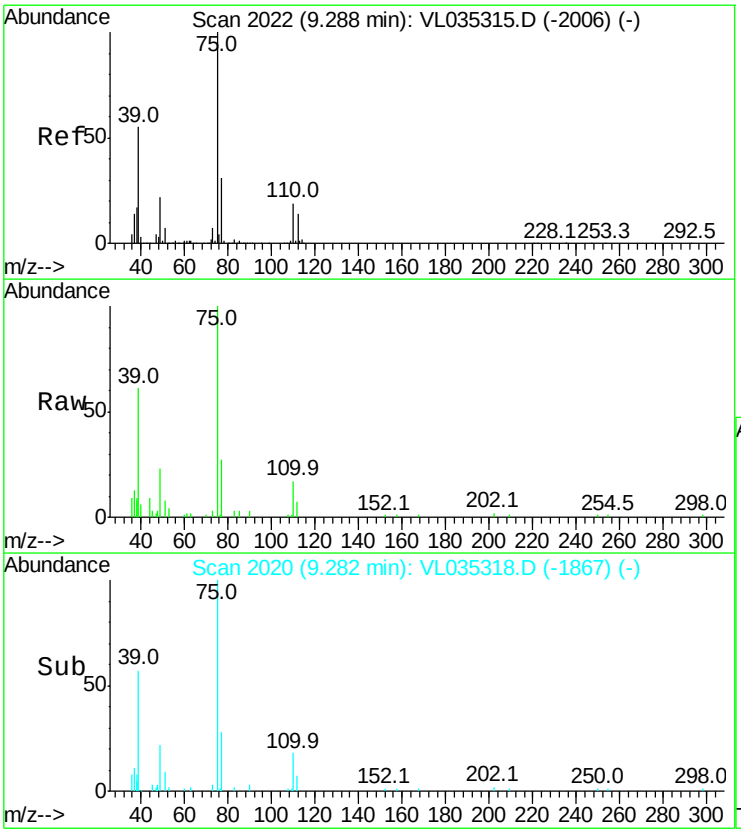
#44
2,2,4-Trimethylpentane
Concen: 0.416 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 183124

Ion	Ratio	Lower	Upper
57	100		
41	38.5	26.7	40.1
56	33.4	25.4	38.0

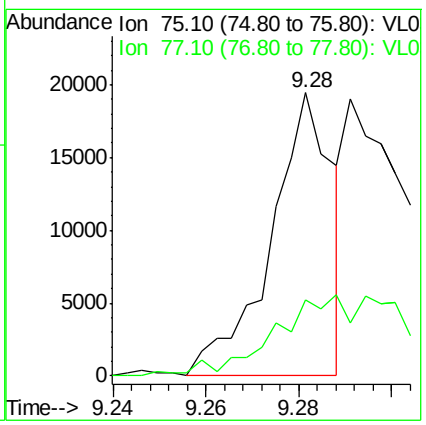


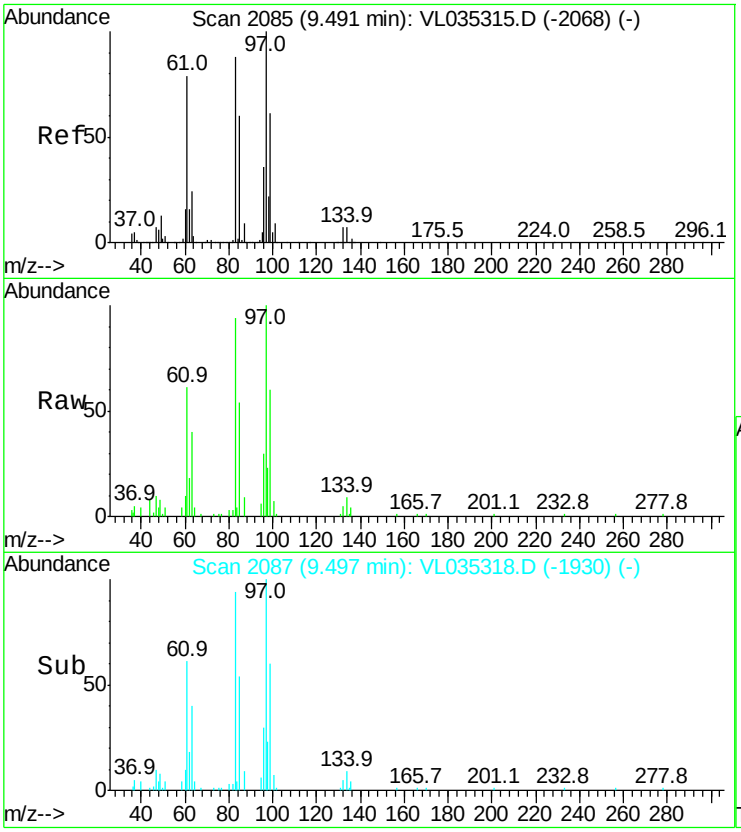


#45
t-1,3-Dichloropropene
Concen: 0.164 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 75 Resp: 17881

Ion	Ratio	Lower	Upper
75	100		
77	26.9	24.6	37.0



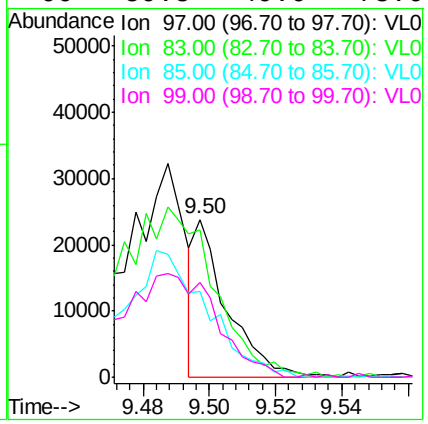


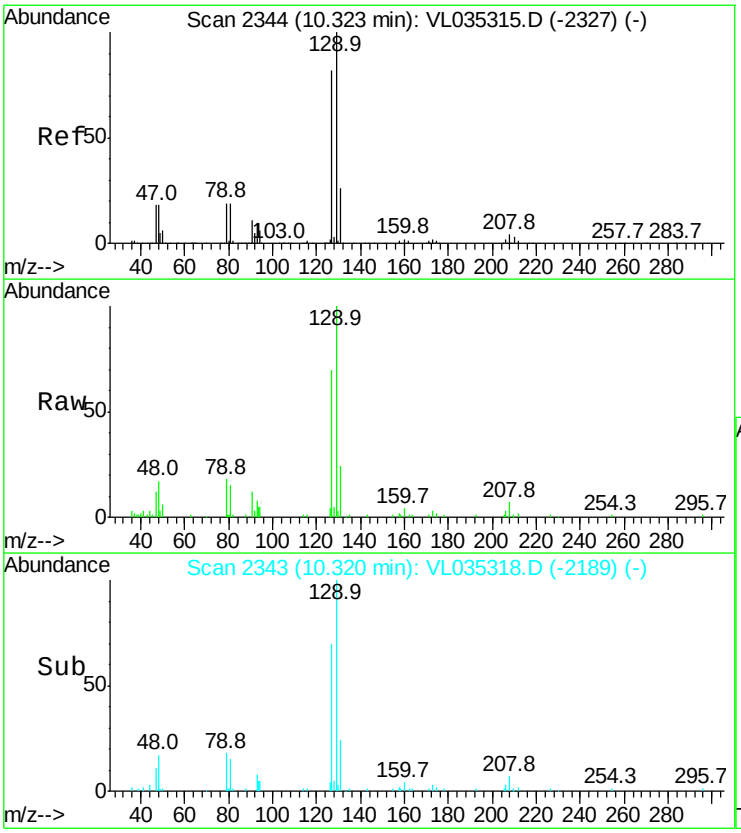
#47
1,1,2-Trichloroethane
Concen: 0.135 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 97 Resp: 15963

Ion	Ratio	Lower	Upper
97	100		
83	91.8	70.6	105.8
85	54.0	47.8	71.8
99	59.8	49.0	73.6

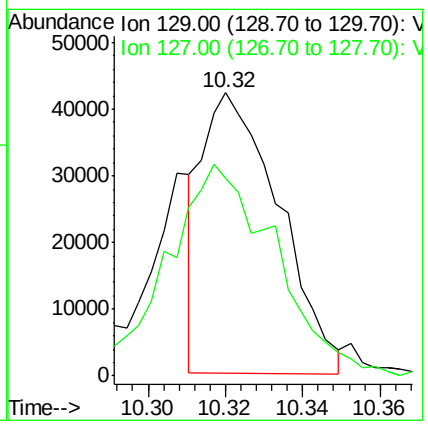


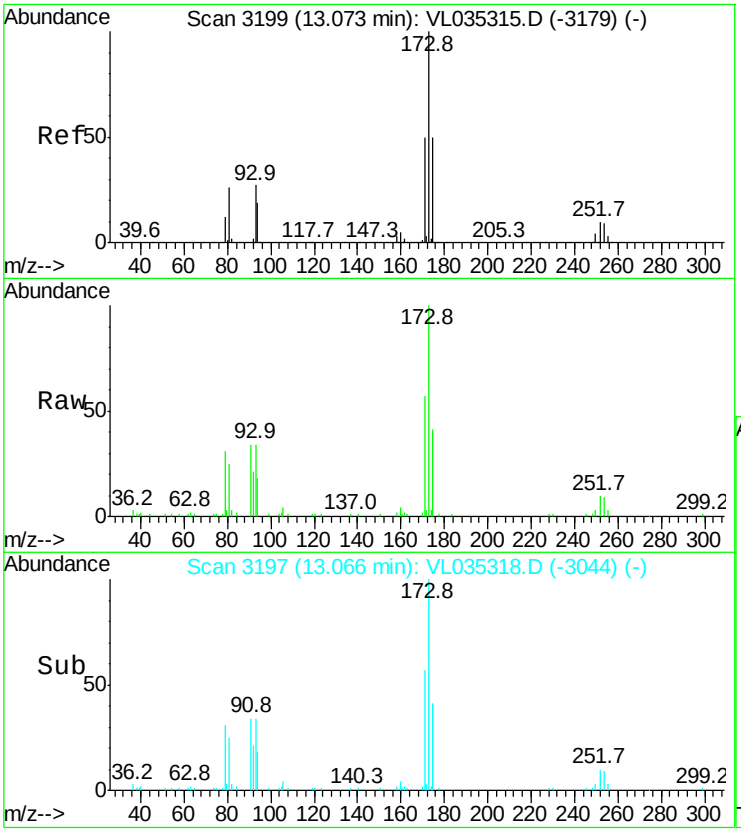


#48
Dibromochloromethane
Concen: 0.313 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:129 Resp: 58026

Ion	Ratio	Lower	Upper
129	100		
127	108.8	39.0	117.0



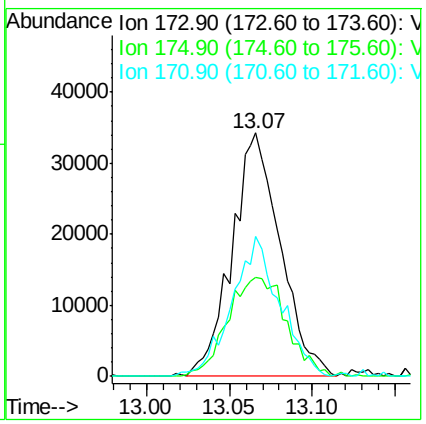


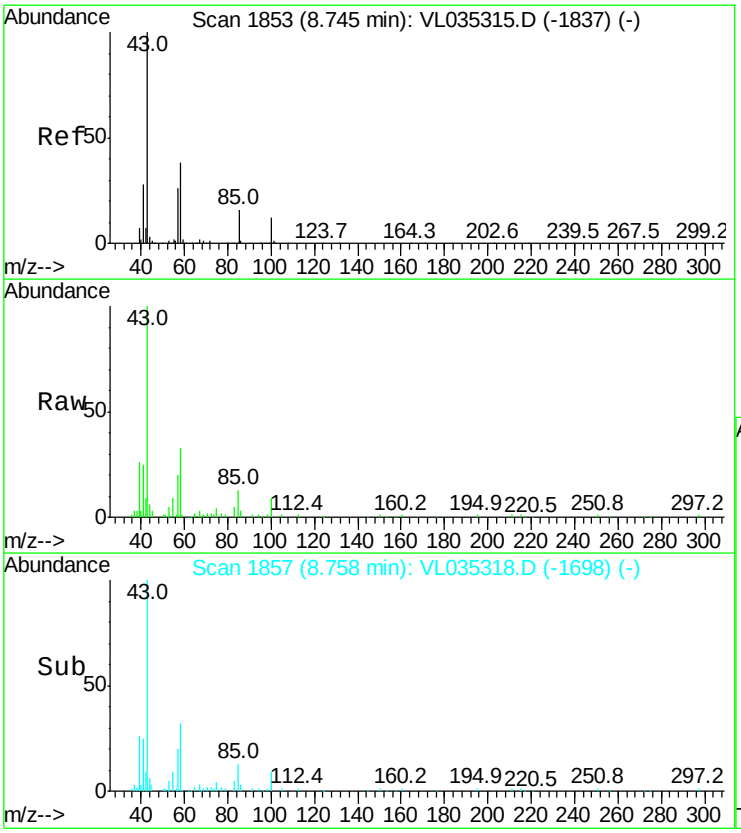
#49
Bromoform
Concen: 0.417 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 69614

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.8	59.6
171	57.4	42.0	63.0

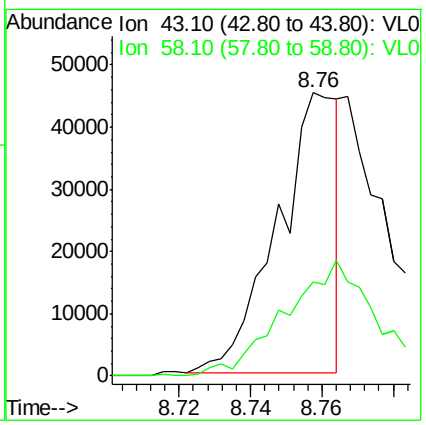


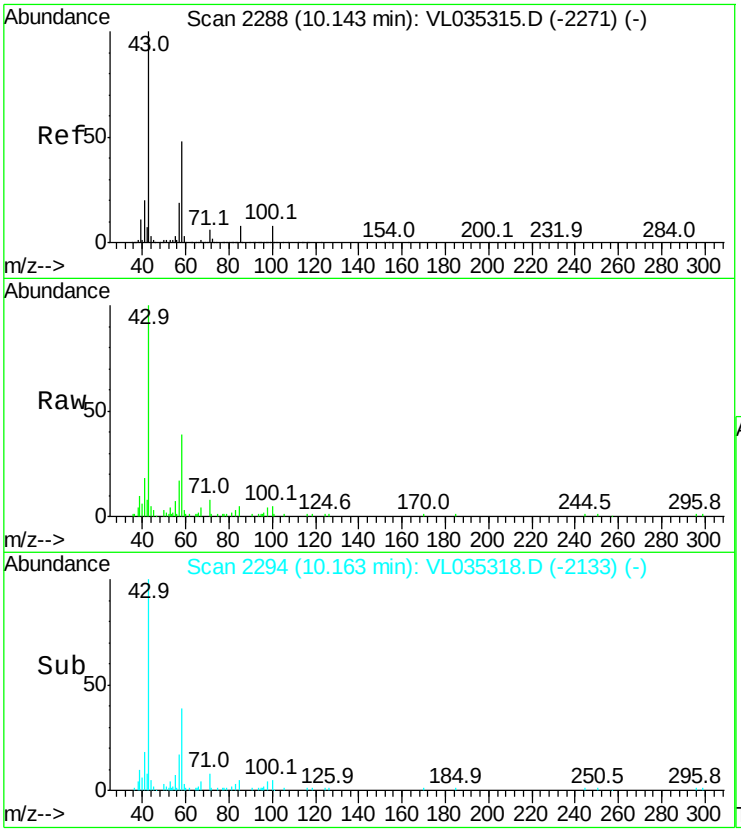


#50
4-Methyl-2-Pentanone
Concen: 0.199 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 43 Resp: 52736

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	44.6#



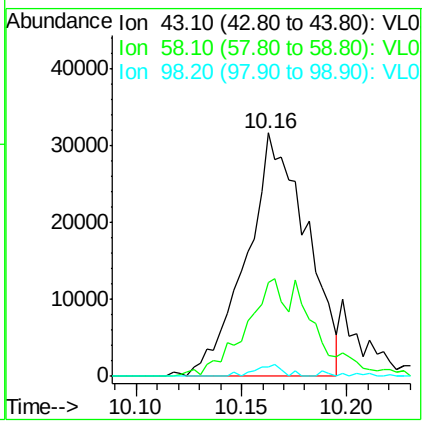


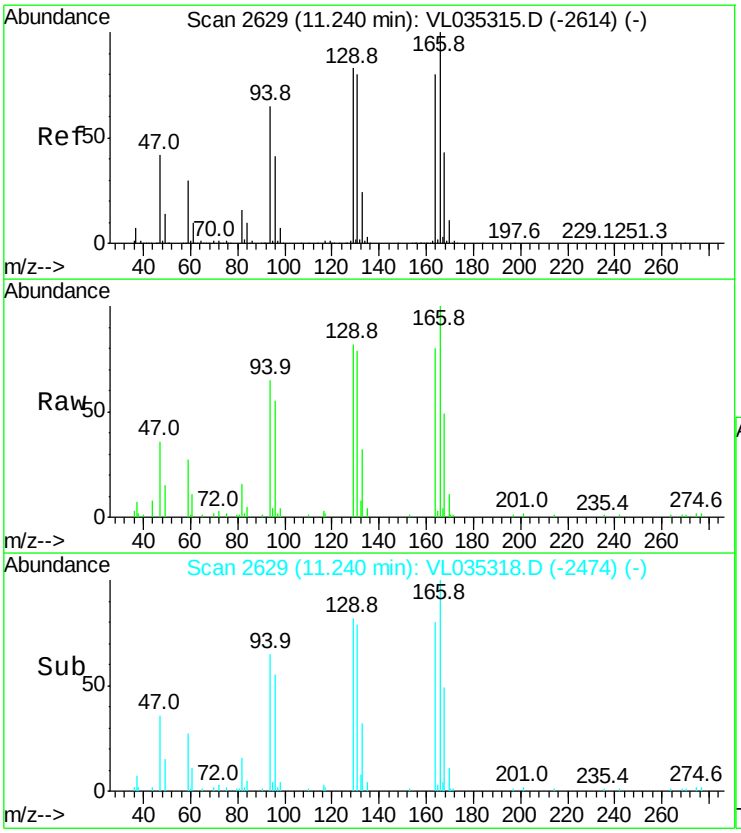
#51
2-Hexanone
Concen: 0.312 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.02 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 62793

Ion	Ratio	Lower	Upper
43	100		
58	45.5	39.8	59.6
98	2.3	0.3	0.5#

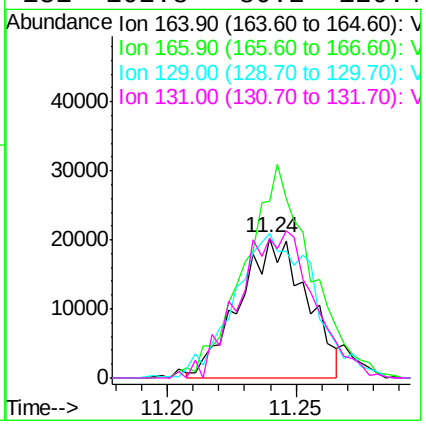


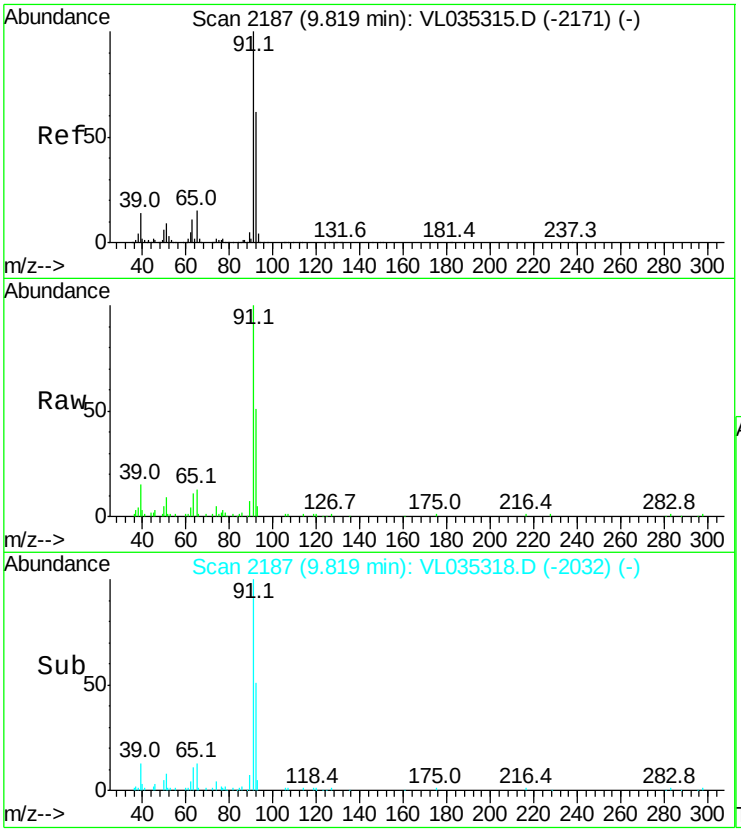


#52
Tetrachloroethene
Concen: 0.385 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:164 Resp: 36789

Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.2	150.2
129	101.0	82.7	124.1
131	102.8	80.2	120.4



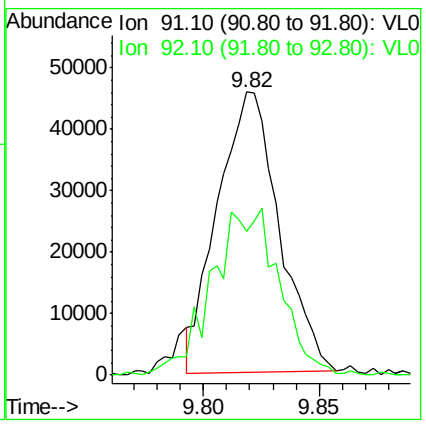


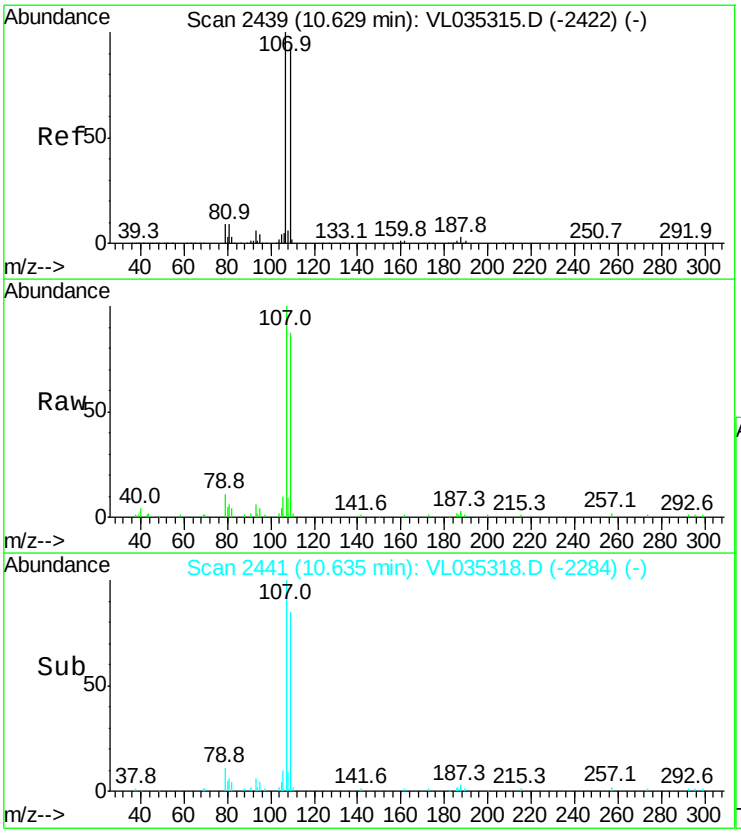
#53
Toluene
Concen: 0.317 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 84274

Ion	Ratio	Lower	Upper
91	100		
92	65.1	48.7	73.1

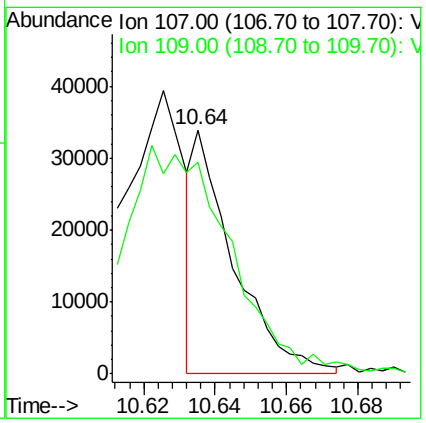


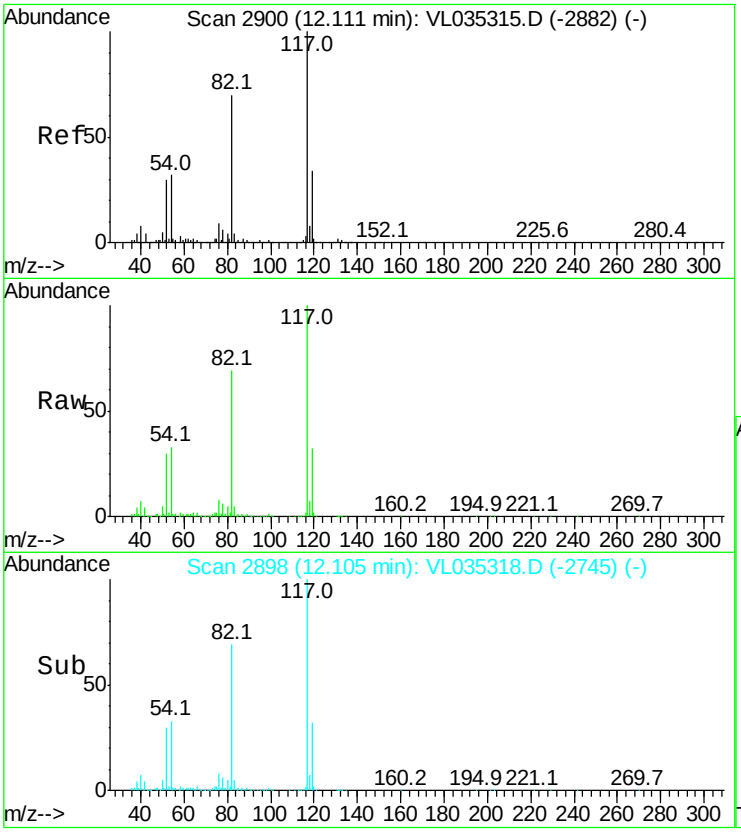


#54
1,2-Dibromoethane
Concen: 0.157 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:107 Resp: 26789

Ion	Ratio	Lower	Upper
107	100		
109	83.9	74.4	111.6



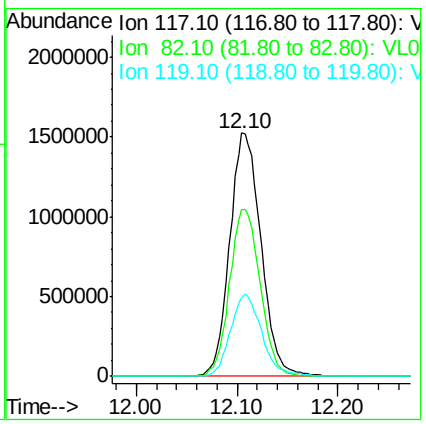


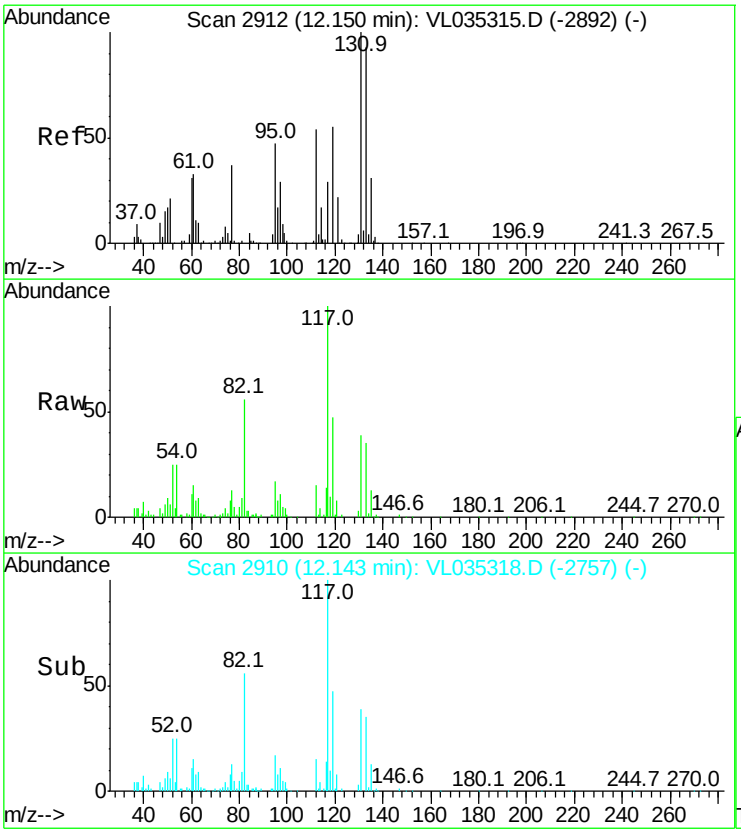
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 3287264

Ion	Ratio	Lower	Upper
117	100		
82	67.4	50.6	76.0
119	33.8	24.1	36.1

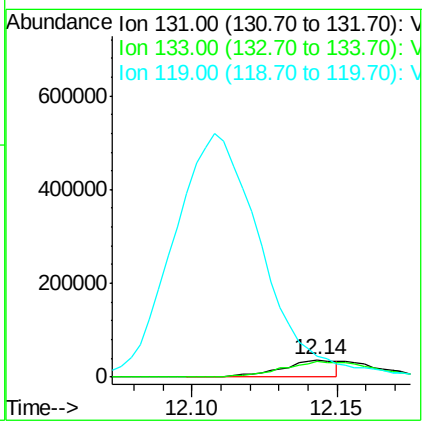


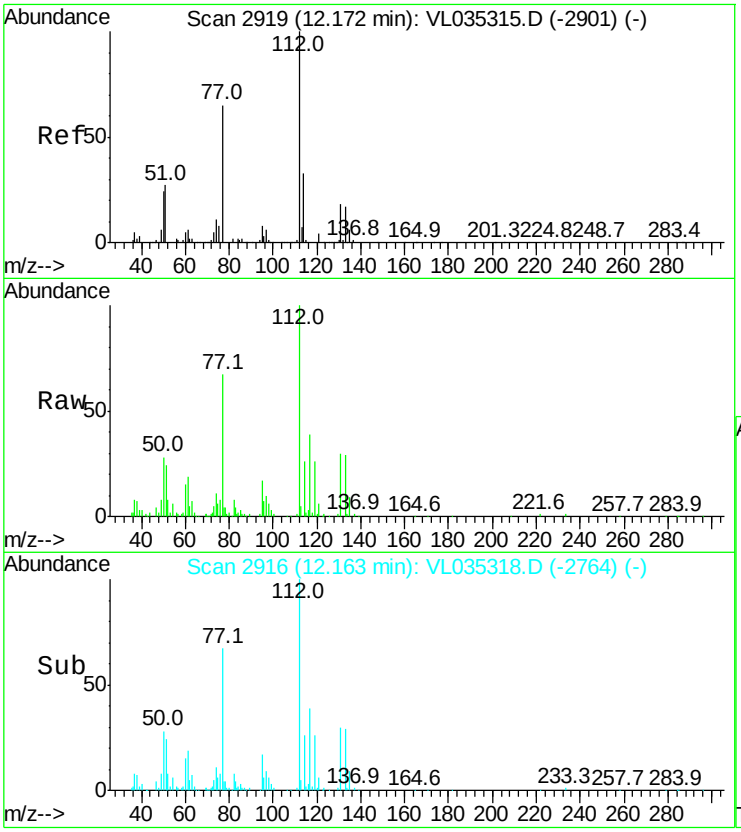


#56
1,1,1,2-Tetrachloroethane
Concen: 0.318 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:131 Resp: 48010

Ion	Ratio	Lower	Upper
131	100		
133	150.4	75.5	113.3#
119	2315.9	53.1	79.7#



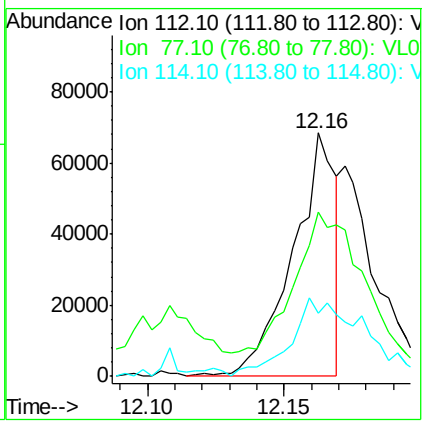


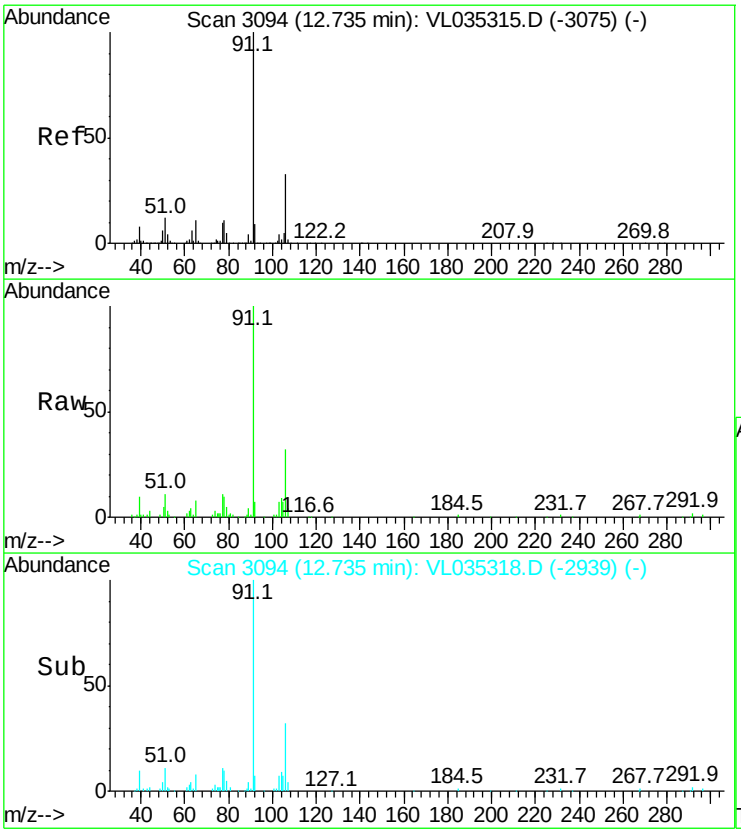
#57
Chlorobenzene
Concen: 0.300 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 74210

Ion	Ratio	Lower	Upper
112	100		
77	43.5	53.0	79.6#
114	24.3	30.0	36.6#

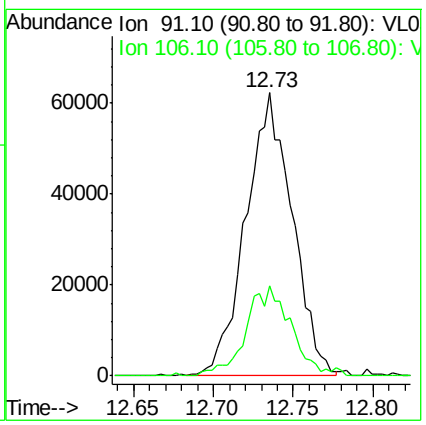


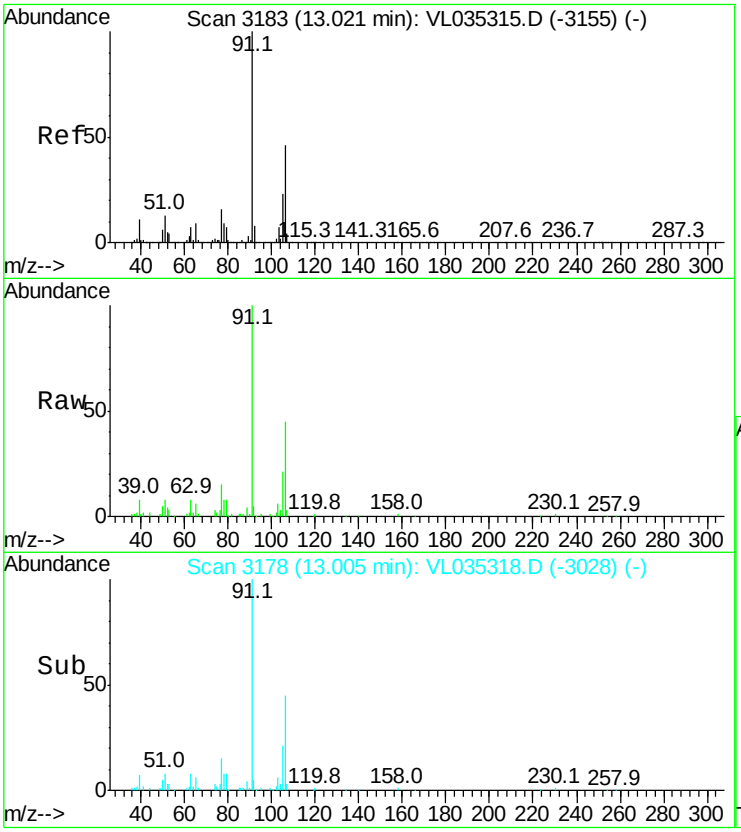


#58
Ethyl Benzene
Concen: 0.354 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 91 Resp: 123266

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.3	39.5



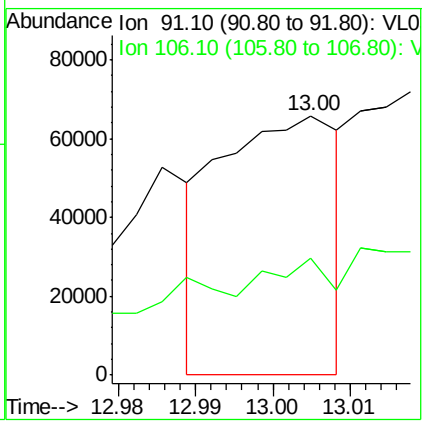


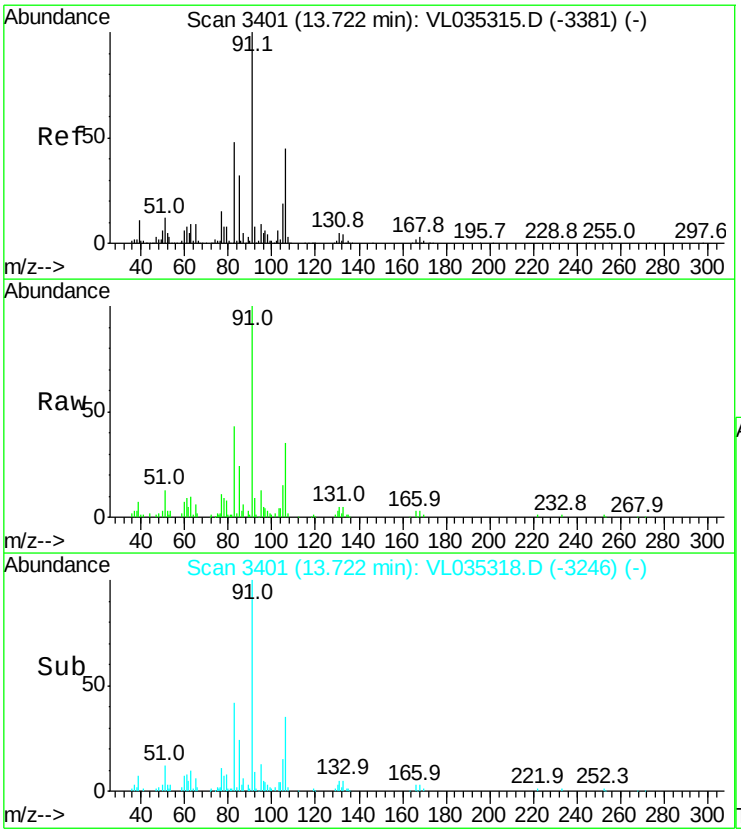
#59
m/p-Xylene
Concen: 0.216 ppbv
RT: 13.00 min Scan# 3178
Delta R.T. -0.02 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 69997

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.6	55.0#

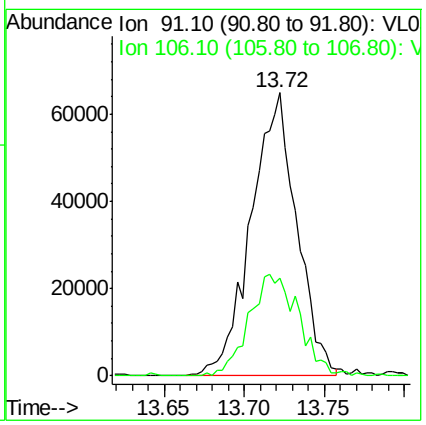


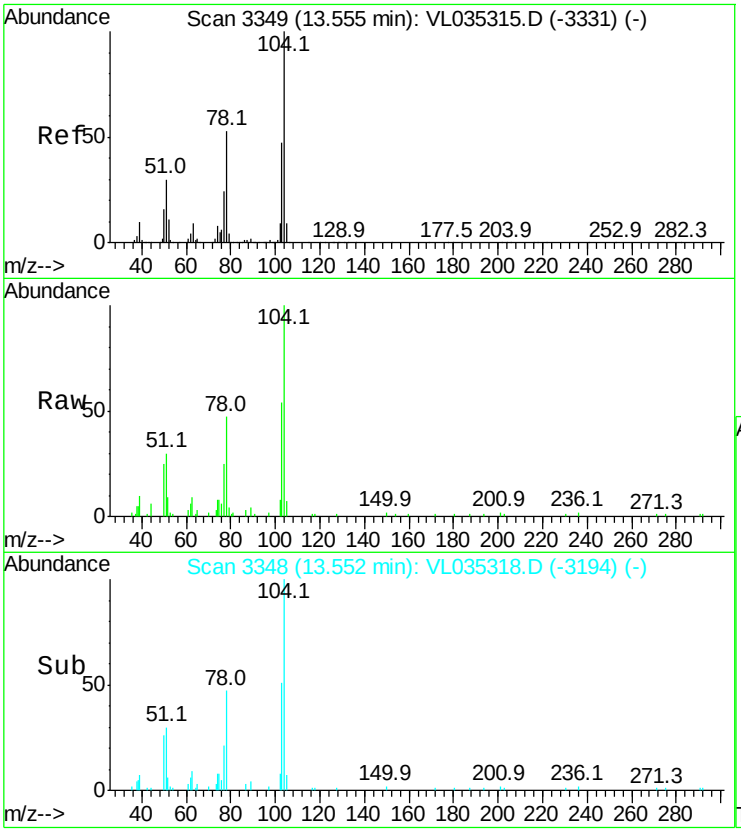


#60
o-Xylene
Concen: 0.394 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 91 Resp: 127437

Ion	Ratio	Lower	Upper
91	100		
106	39.2	22.4	67.3



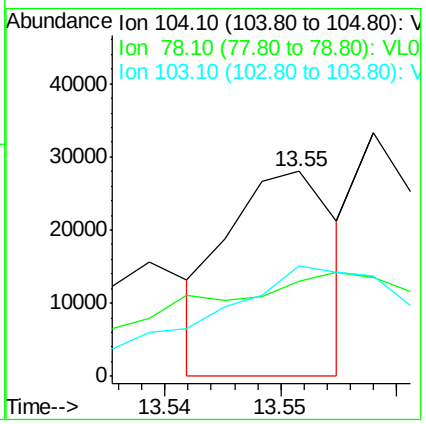


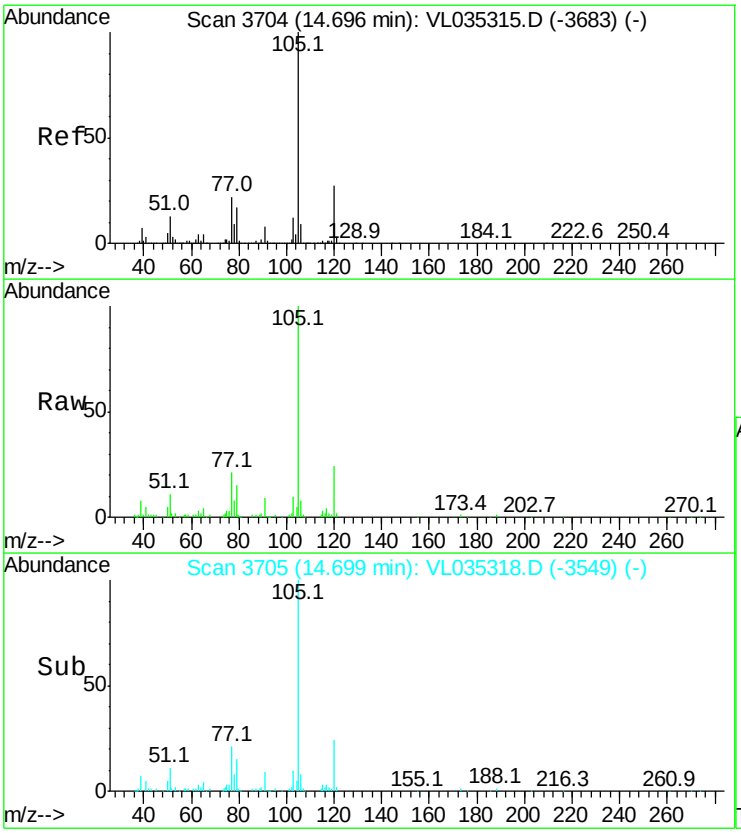
#61
Styrene
Concen: 0.093 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:104 Resp: 18245

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.1	64.7#
103	153.9	37.6	56.4#

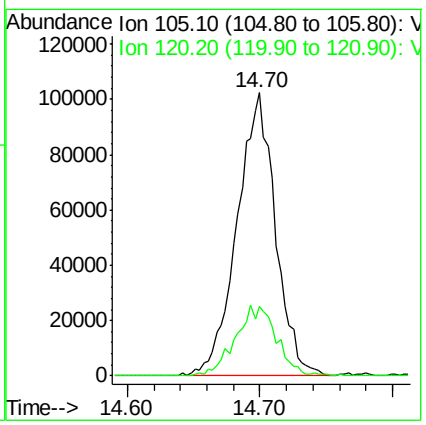


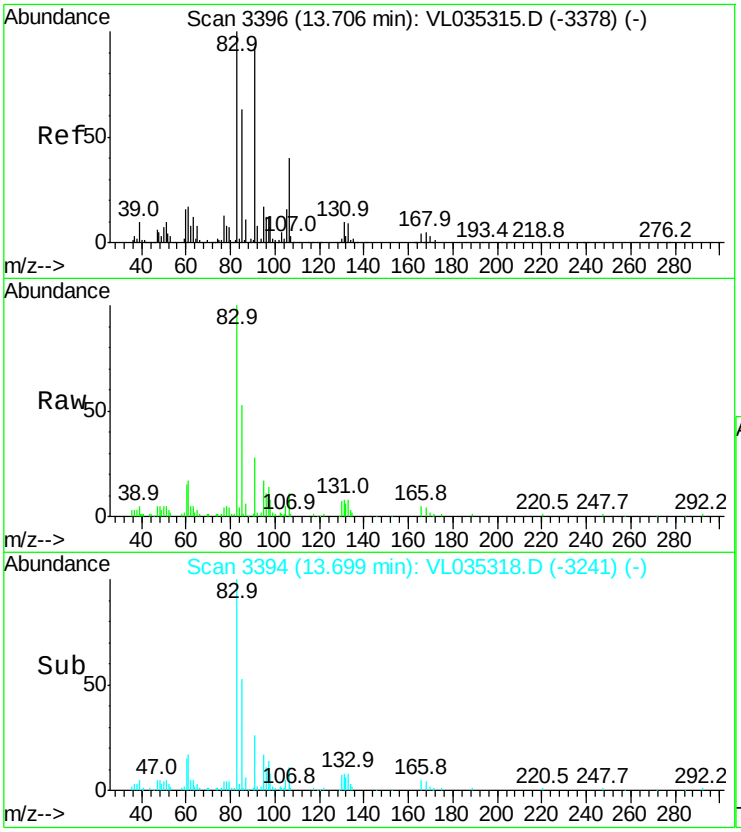


#62
Isopropylbenzene
Concen: 0.429 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:105 Resp: 206254

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.4



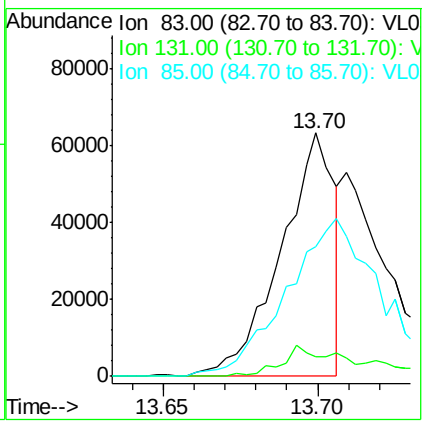


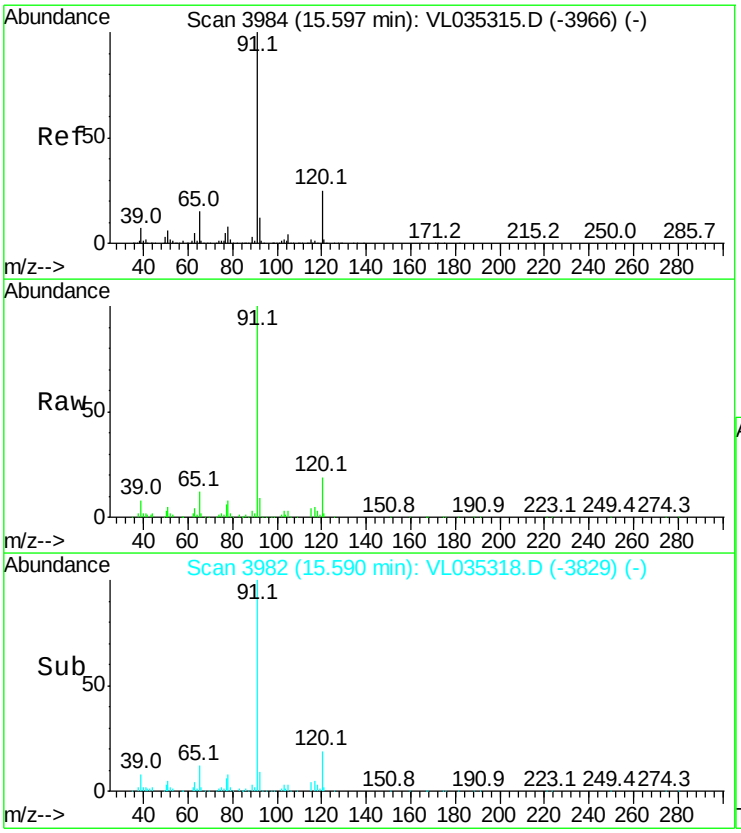
#63
1,1,2,2-Tetrachloroethane
Concen: 0.271 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 83 Resp: 75449

Ion	Ratio	Lower	Upper
83	100		
131	17.7	4.6	13.8#
85	0.0	32.6	97.7#

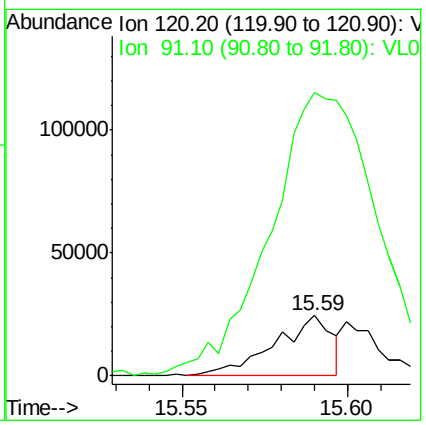


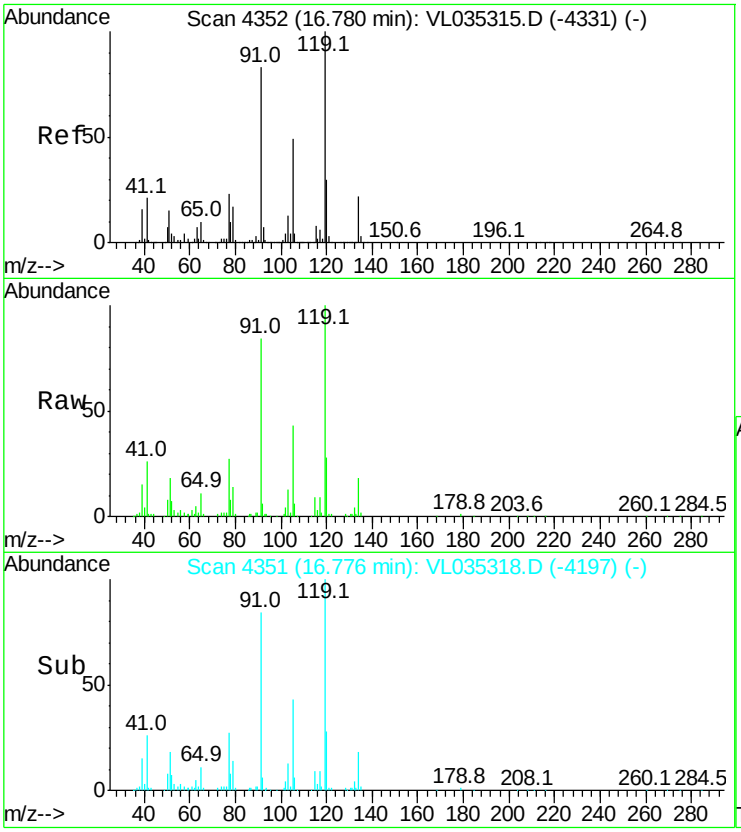


#64
n-propylbenzene
Concen: 0.230 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:120 Resp: 29476

Ion	Ratio	Lower	Upper
120	100		
91	901.6	359.3	538.9#



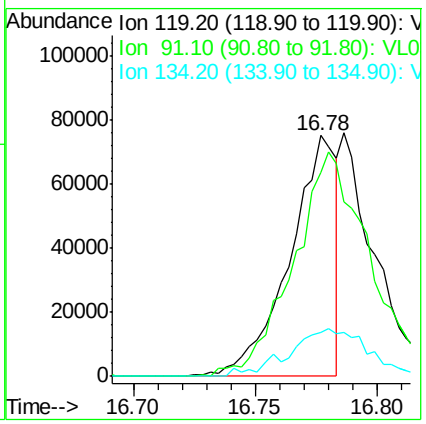


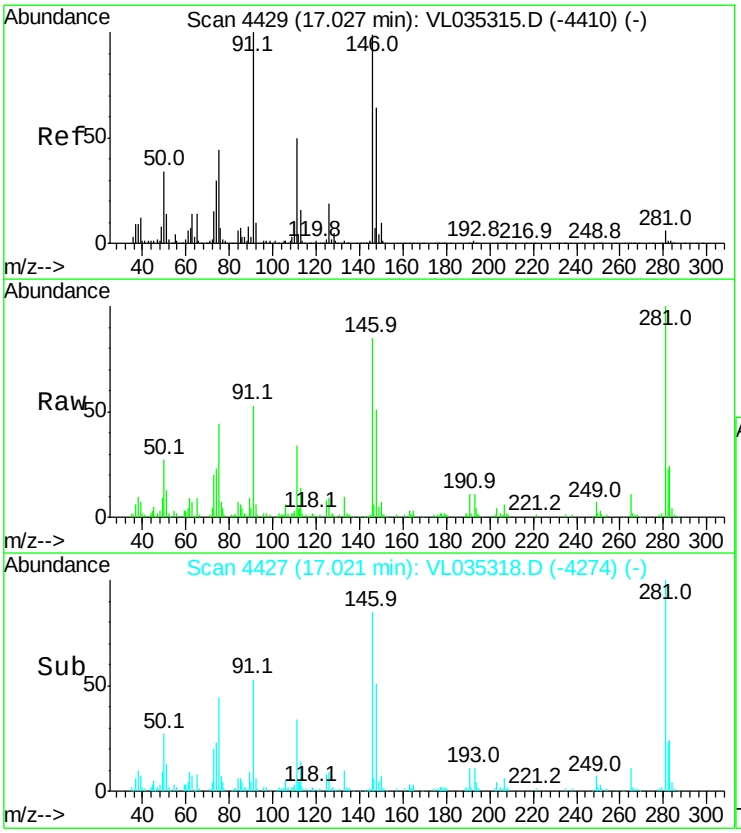
#65
tert-Butylbenzene
Concen: 0.228 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:119 Resp: 99560

Ion	Ratio	Lower	Upper
119	100		
91	156.4	67.8	101.8#
134	34.2	16.1	24.1#

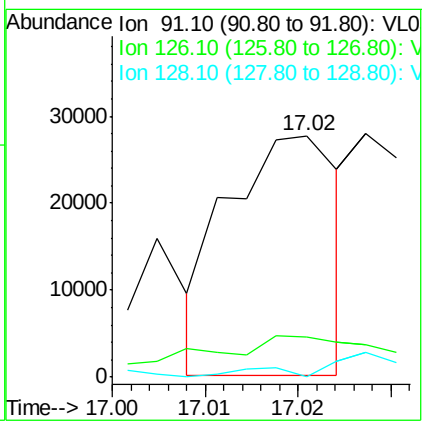


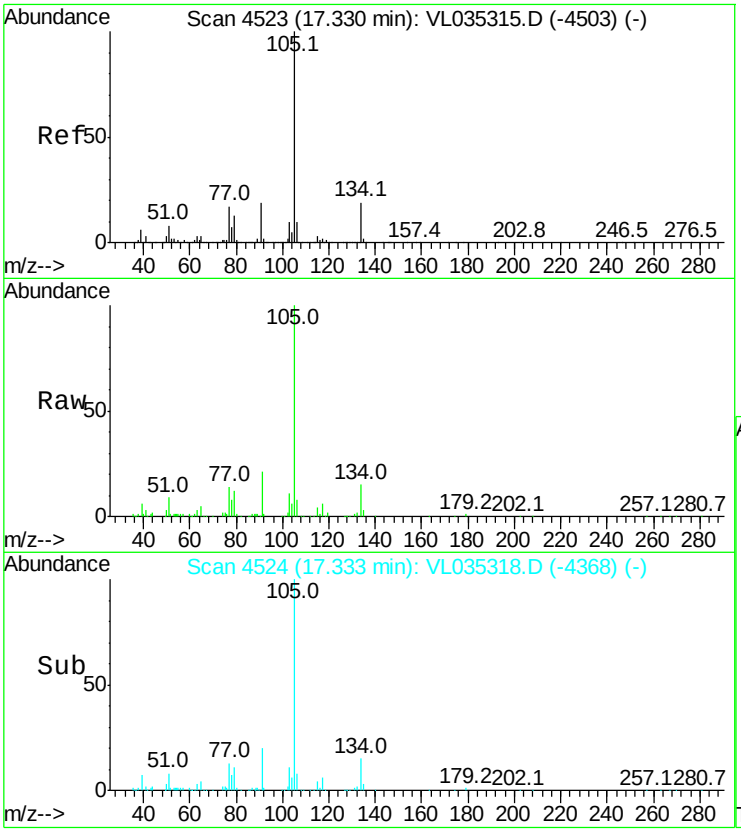


#66
Benzyl Chloride
Concen: 0.135 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 91 Resp: 22988

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.8	20.8#
128	0.0	4.2	6.4#



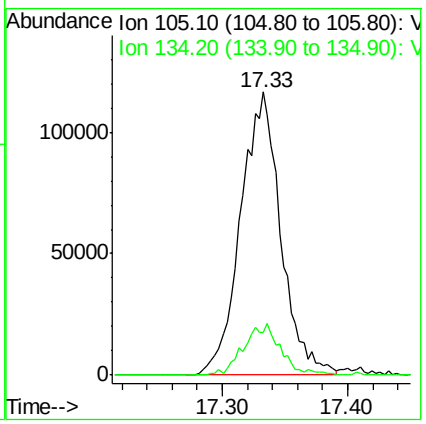


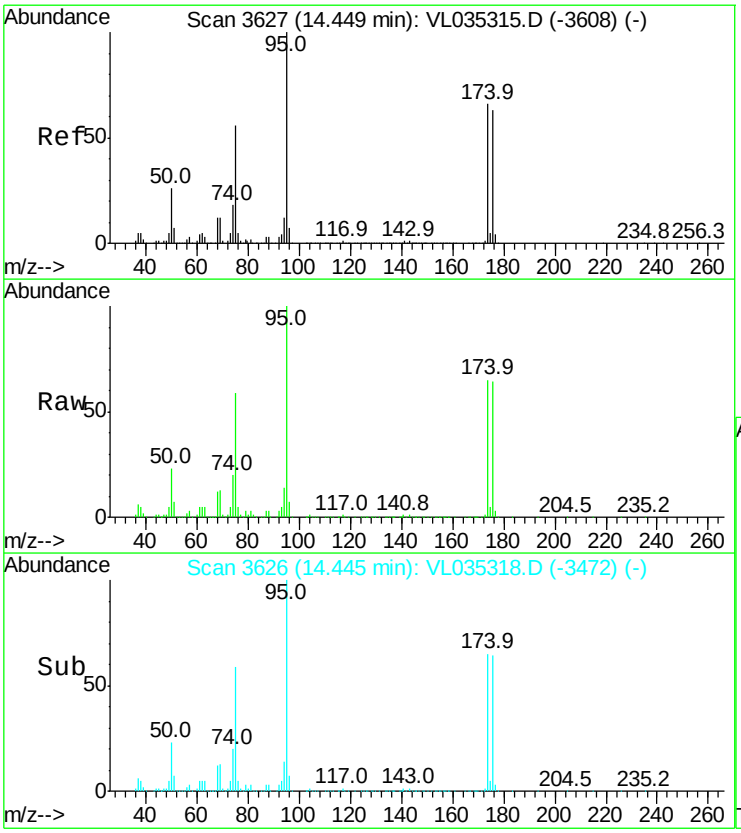
#67
sec-Butylbenzene
Concen: 0.405 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 258102

Ion	Ratio	Lower	Upper
105	100		
134	16.9	15.1	22.7

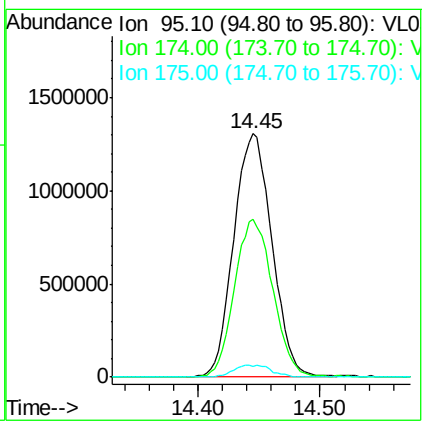


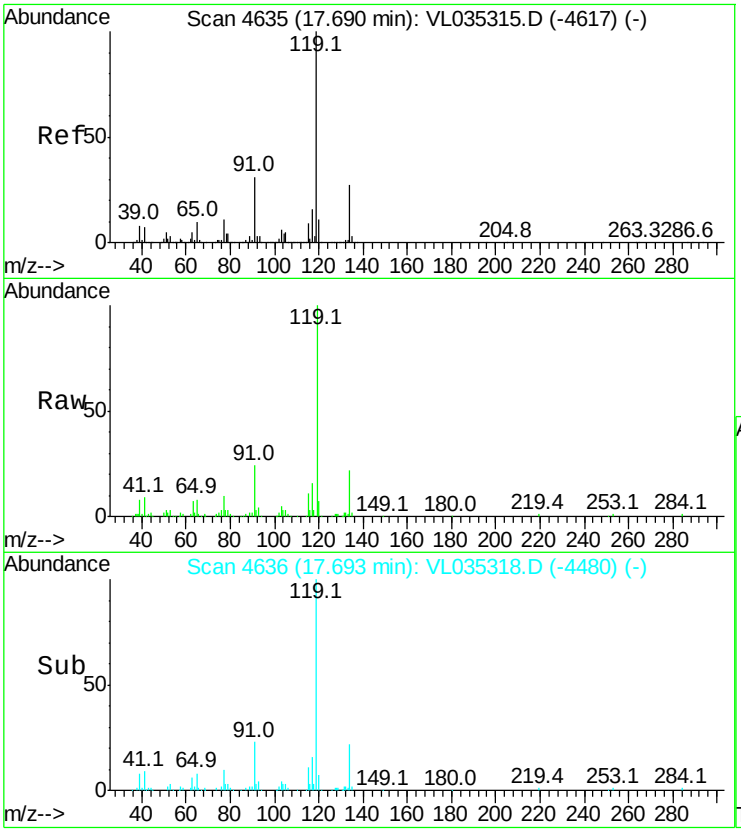


#68
1-Bromo-4-Fluorobenzene
Concen: 10.778 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 95 Resp: 2831058

Ion	Ratio	Lower	Upper
95	100		
174	65.7	52.5	78.7
175	4.9	3.9	5.9



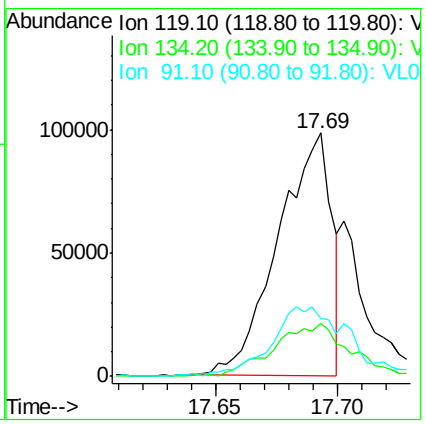


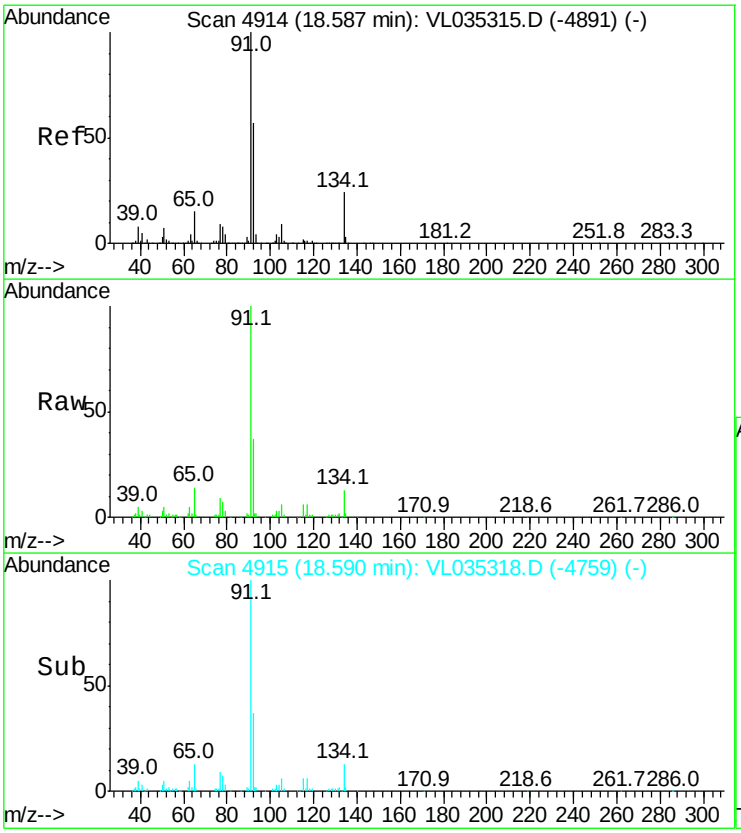
#69
p-Isopropyltoluene
Concen: 0.285 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 148341

Ion	Ratio	Lower	Upper
119	100		
134	32.3	21.2	31.8#
91	44.1	25.3	37.9#

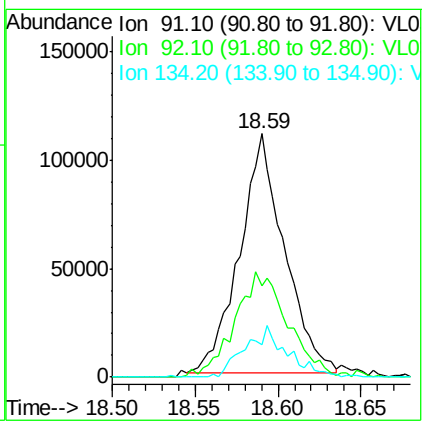


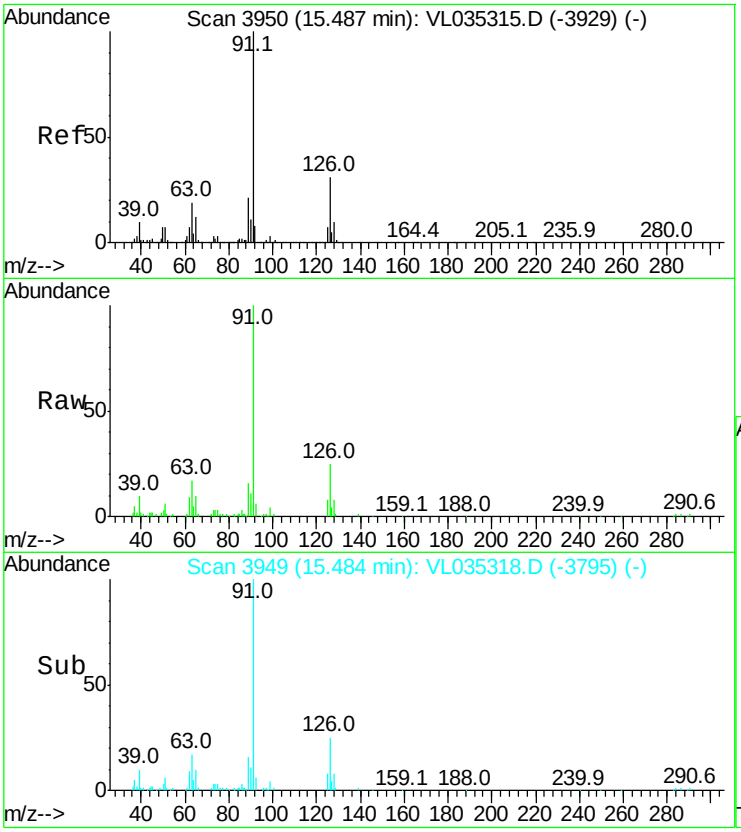


#70
n-Butylbenzene
Concen: 0.366 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion: 91 Resp: 205682

Ion	Ratio	Lower	Upper
91	100		
92	53.0	44.6	66.8
134	20.4	18.6	27.8



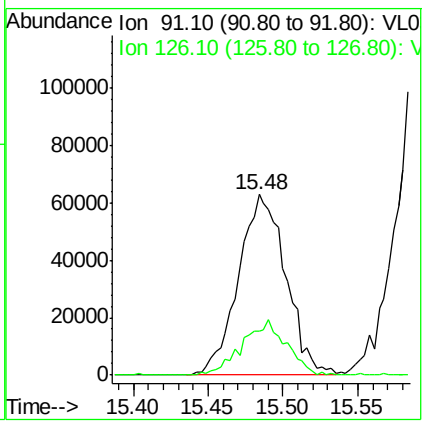


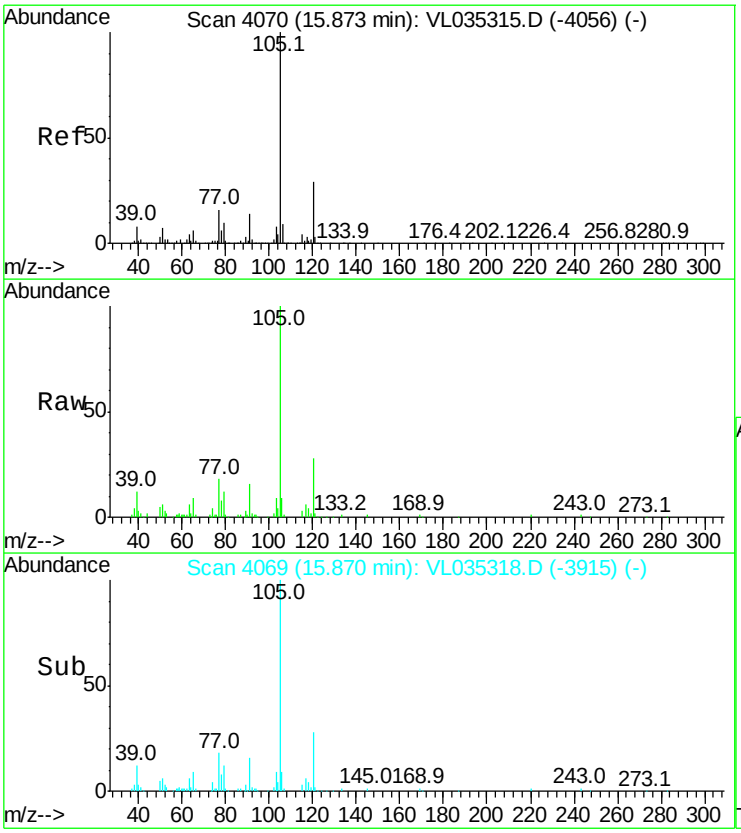
#71
2-Chlorotoluene
Concen: 0.382 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 138788

Ion	Ratio	Lower	Upper
91	100		
126	28.3	12.3	49.3

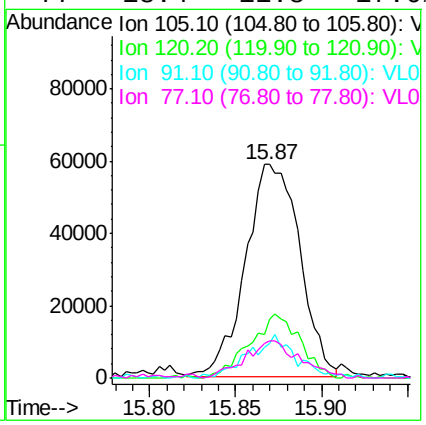


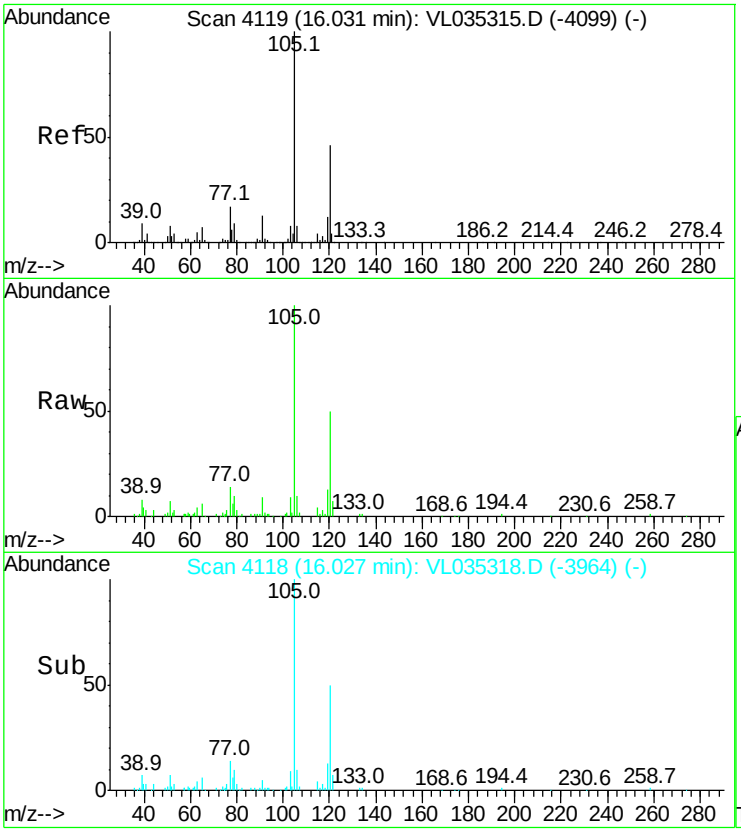


#72
4-Ethyltoluene
Concen: 0.352 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:105 Resp: 128191

Ion	Ratio	Lower	Upper
105	100		
120	28.6	23.6	35.4
91	18.4	11.3	16.9#
77	18.4	11.8	17.6#



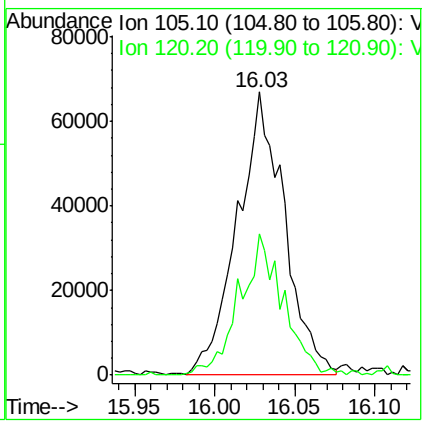


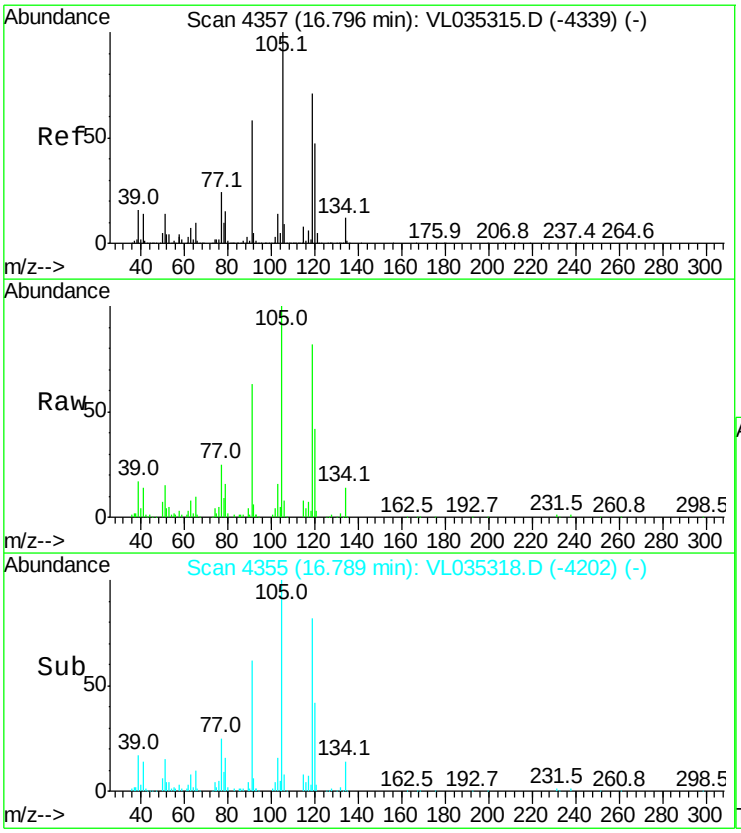
#73
1,3,5-Trimethylbenzene
Concen: 0.379 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 134699

Ion	Ratio	Lower	Upper
105	100		
120	49.7	36.6	54.8

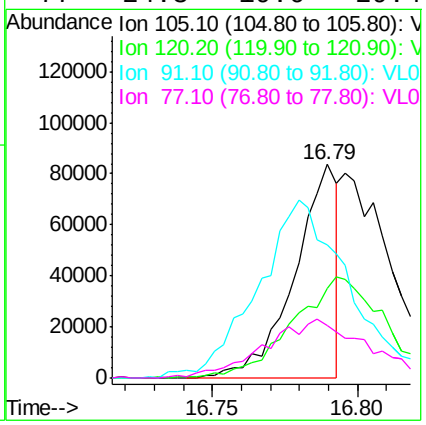


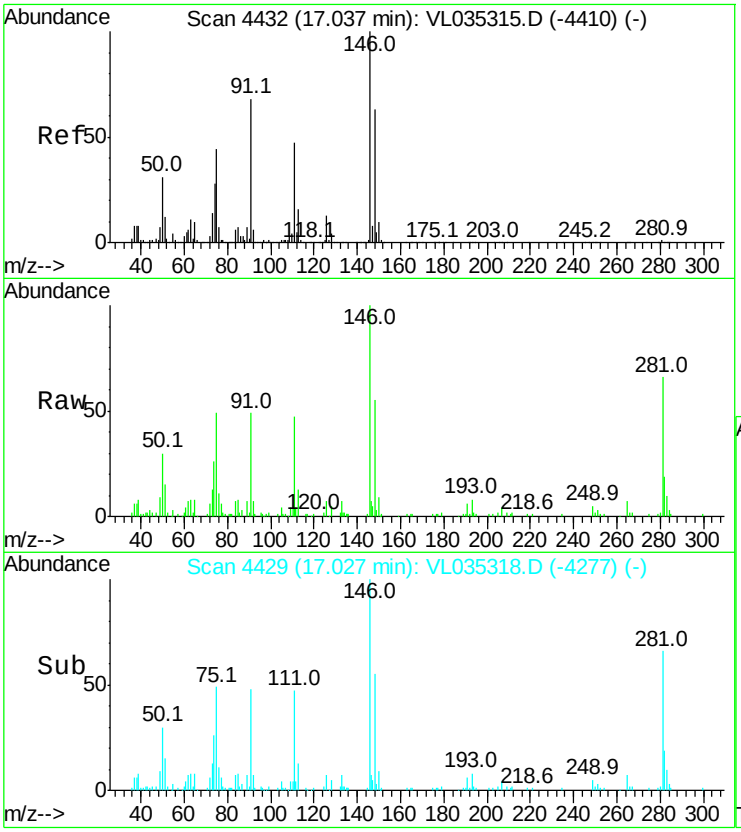


#74
1,2,4-Trimethylbenzene
Concen: 0.209 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:105 Resp: 86262

Ion	Ratio	Lower	Upper
105	100		
120	44.3	38.0	57.0
91	58.7	47.9	71.9
77	24.3	19.6	29.4



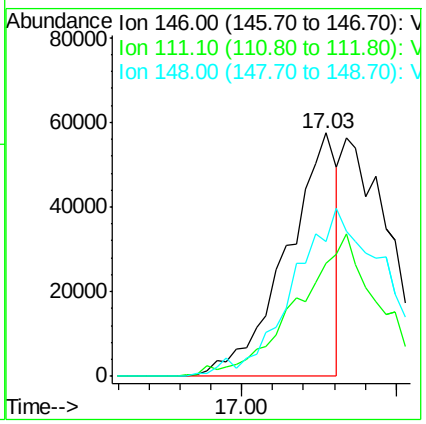


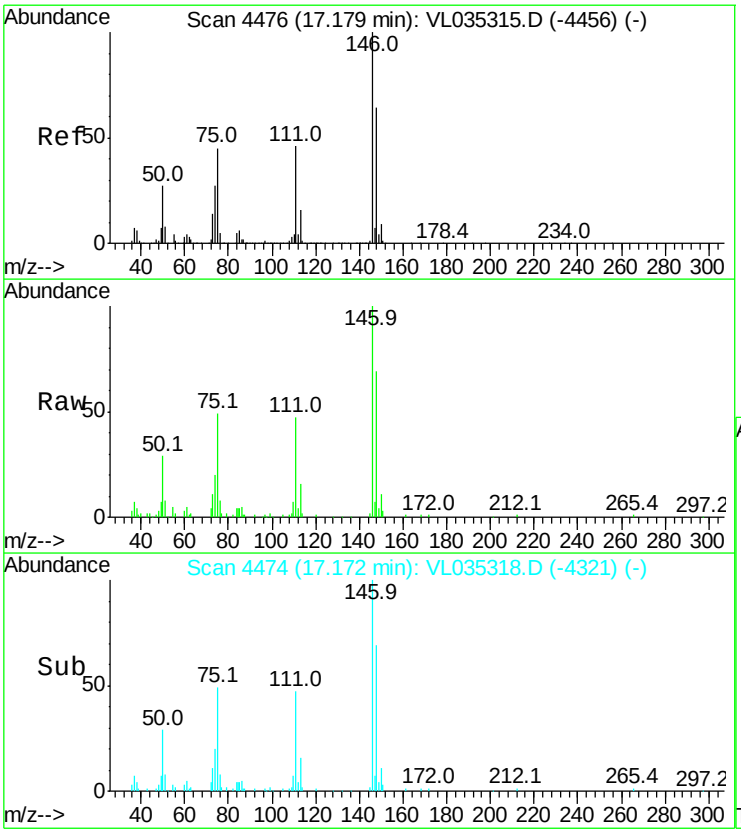
#75
1,3-Dichlorobenzene
Concen: 0.244 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:146 Resp: 65051

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.2	72.6#
148	0.0	32.4	97.0#

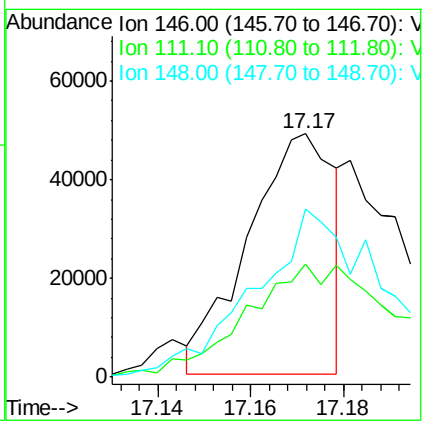


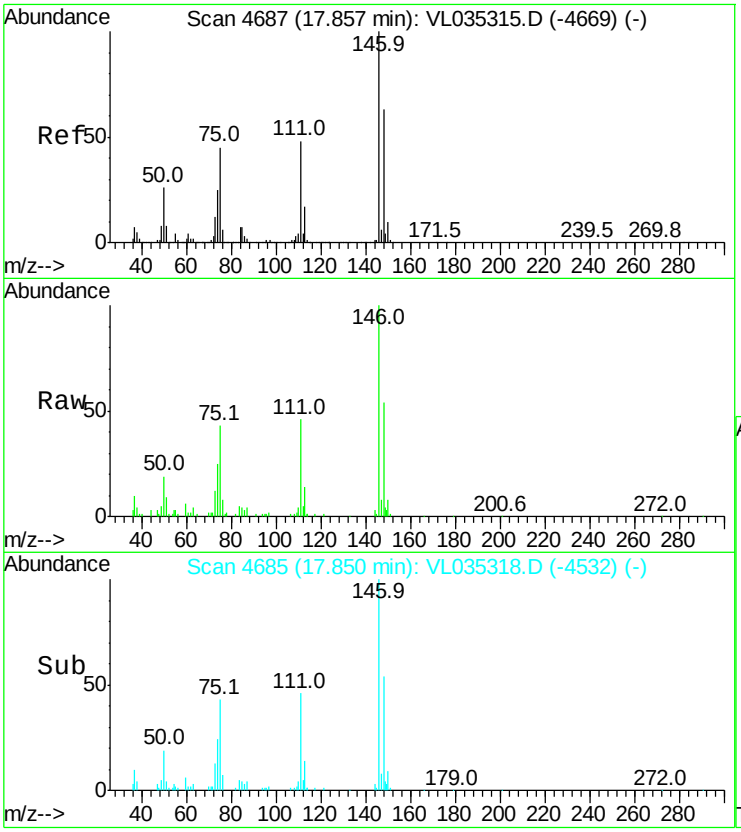


#76
1,4-Dichlorobenzene
Concen: 0.260 ppbv
RT: 17.17 min Scan# 4474
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:146 Resp: 62838

Ion	Ratio	Lower	Upper
146	100		
111	86.7	23.6	70.8#
148	110.4	32.8	98.4#



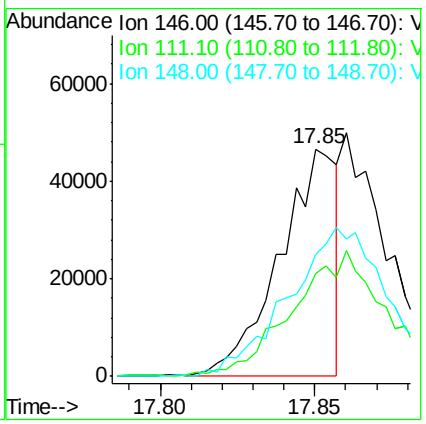


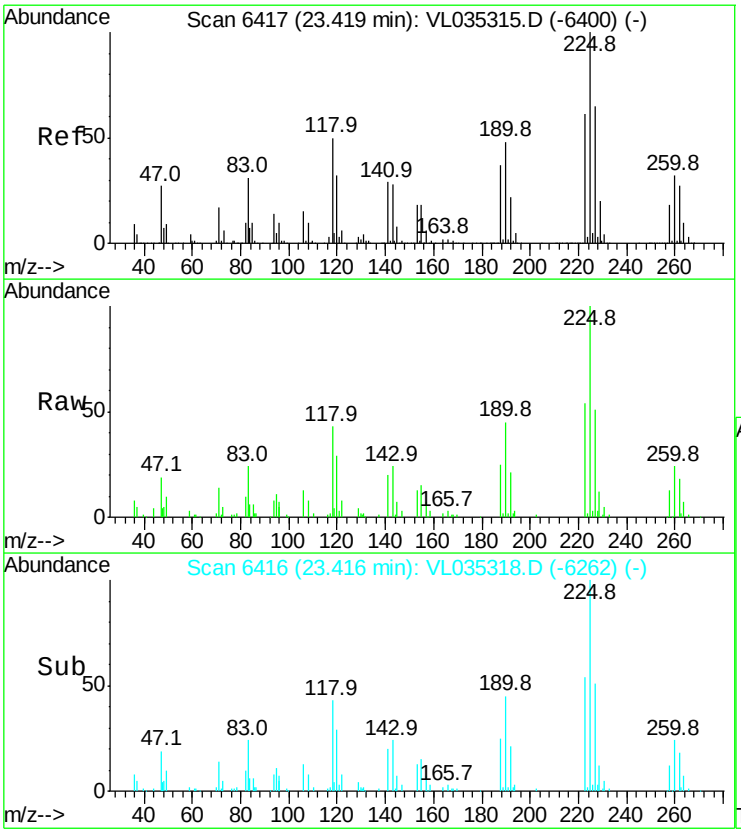
#77
1,2-Dichlorobenzene
Concen: 0.248 ppbv
RT: 17.85 min Scan# 4685
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 59184

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.6	73.6#
148	0.0	32.3	96.8#

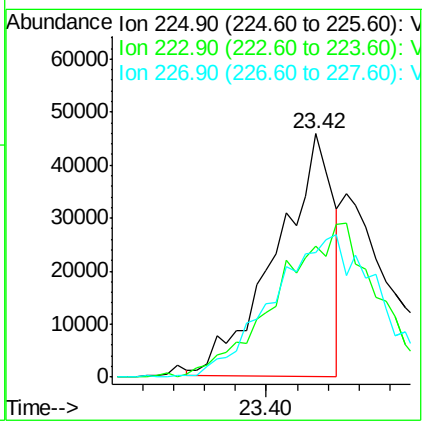


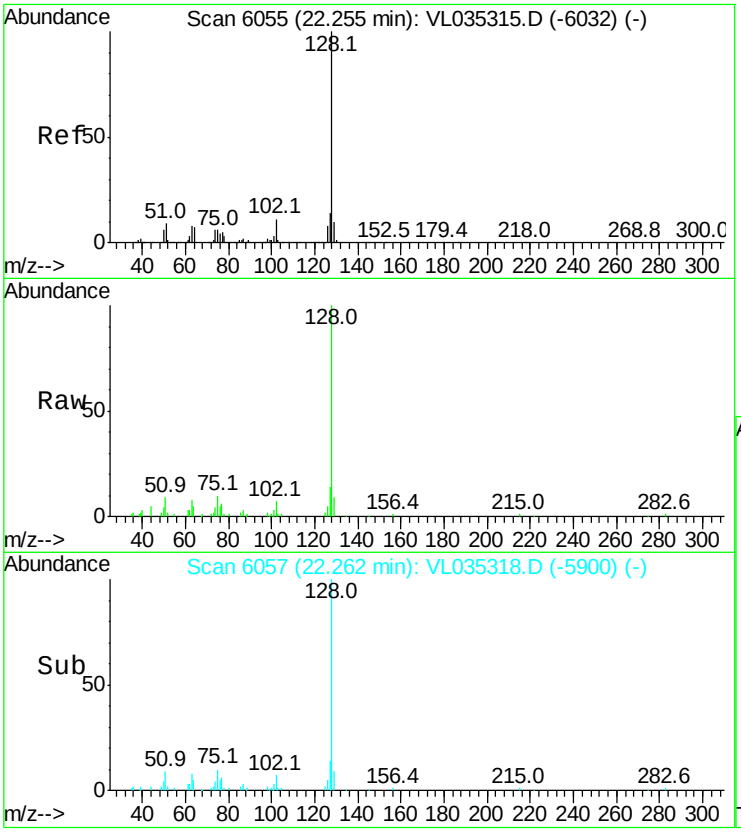


#78
Hexachloro-1,3-Butadiene
Concen: 0.298 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. -0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:225 Resp: 58362

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.2	75.4#
227	0.0	52.7	79.1#



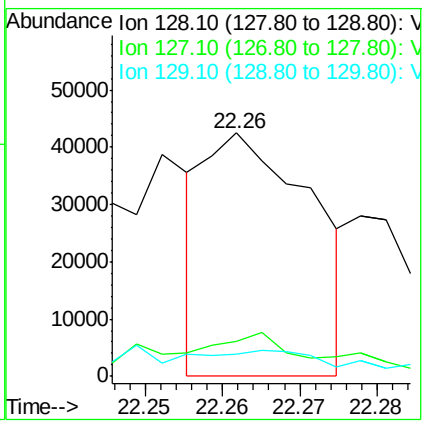


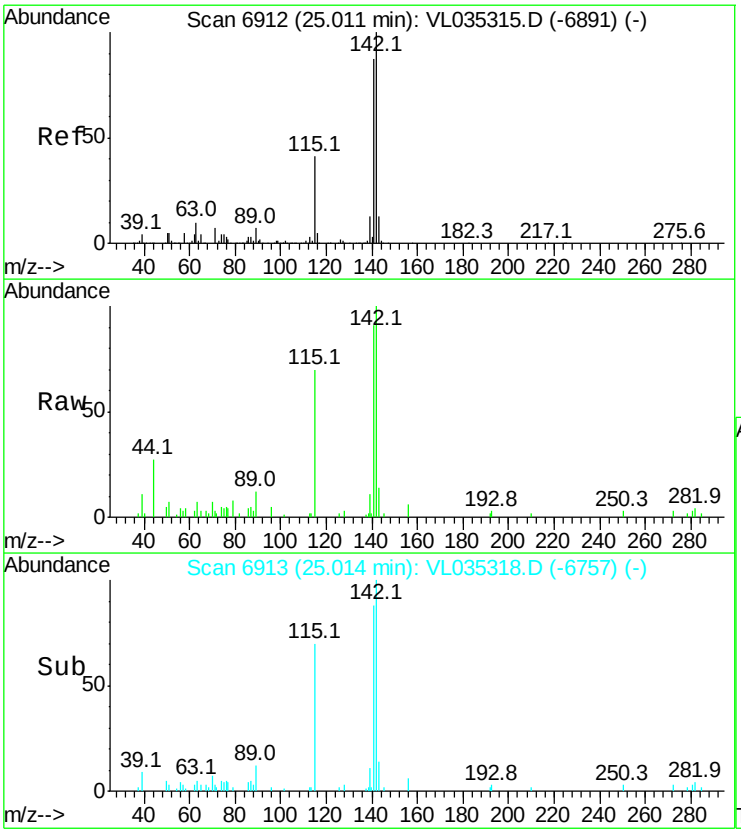
#79
Naphthalene
Concen: 0.124 ppbv
RT: 22.26 min Scan# 6057
Delta R.T. 0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 40632

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	11.1	8.4	12.6

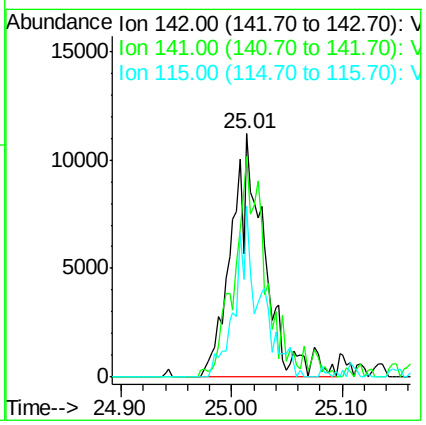


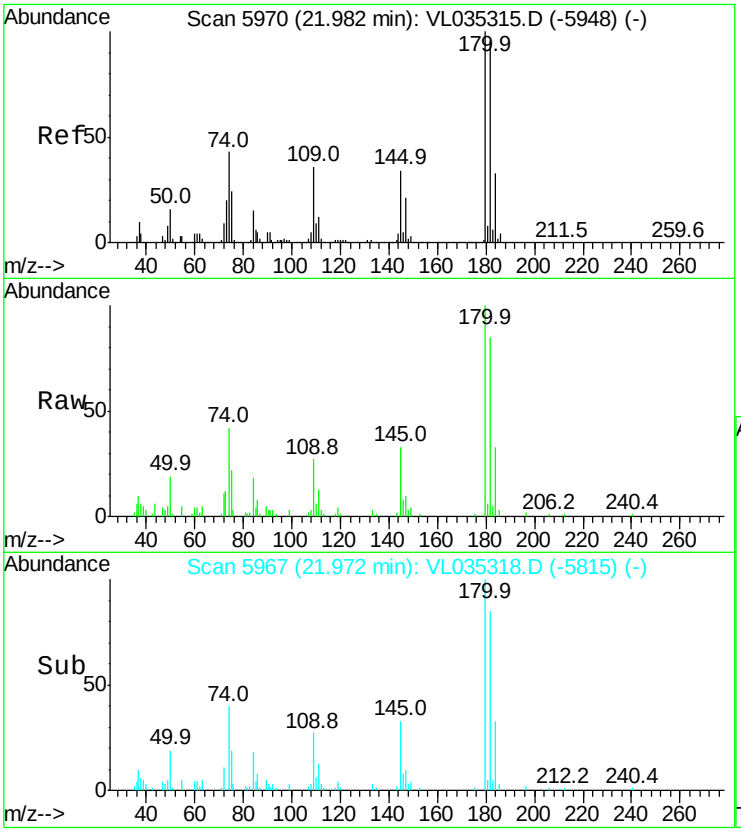


#80
Naphthalene,2-methyl-
Concen: 0.222 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. 0.00 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Tgt Ion:142 Resp: 23568

Ion	Ratio	Lower	Upper
142	100		
141	86.8	68.3	102.5
115	51.6	35.0	52.4





#81
1,2,4-Trichlorobenzene
Concen: 0.044 ppbv
RT: 21.97 min Scan# 5967
Delta R.T. -0.01 min
Lab File: VL035318.D
Acq: 3 Aug 2020 14:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 8833

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.9	115.3#
184	0.0	25.0	37.6#