Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035558.D
Acq On : 8 Sep 2020 16:07
Operator : SY/AP
Sample : L3936-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Quant Time: Sep 09 02:36:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	990479	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.18	114	4232362	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.09	117	4239176	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	3203857	10.64	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	52643	0.307	ppbv		98
3) Chlorodifluoromethane	2.98	51	144907	1.323	ppbv	#	75
4) Chloromethane	3.13	50	36971	0.630	ppbv		97
5) Vinyl Chloride	3.25	62	3657	0.051	ppbv	#	87
6) Bromomethane	3.46	94	2171	0.036	ppbv		98
7) Chloroethane	3.55	64	1858	0.073	ppbv	#	70
8) Dichlorotetrafluoroethane	3.18	85	9280	0.045	ppbv		100
9) Propene	3.01	41	641970	15.201	ppbv	#	71
10) Heptane	8.12	43	105737	0.932	ppbv		96
11) Trichlorofluoromethane	3.94	101	79746	0.319	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	23738	0.126	ppbv		97
13) Ethanol	3.63	45	15680396	1497.513	ppbv		92
14) Bromoethene	3.73	108	3825	0.047	ppbv	#	93
15) Acetone	3.84	43	2294991	21.009	ppbv		99
16) 1,3-Butadiene	3.34	39	26580	0.654	ppbv	#	38
17) tert-Butyl alcohol	4.34	59	138515	1.042	ppbv		100
18) 1,1-Dichloroethene	4.28	96	4523	0.054	ppbv		93
19) Isopropyl Alcohol	4.02	45	775948	11.907	ppbv	#	1
20) Methylene Chloride	4.34	84	552227	6.787	ppbv		97
21) Allyl Chloride	4.40	41	1887	0.037	ppbv	#	13
22) trans-1,2-Dichloroethene	4.88	96	6453	0.073	ppbv	#	83
23) Vinyl Acetate	5.06	43	85757	0.612	ppbv	#	53
24) 1,1-Dichloroethane	5.01	63	7776	0.054	ppbv	#	93
25) Ethyl Acetate	5.67	43	290946	1.508	ppbv	#	95
26) Hexane	5.68	57	222206	2.032	ppbv	#	80
27) Carbon Disulfide	4.54	76	41267	0.263	ppbv	#	90
29) Chloroform	5.75	83	79569	0.357	ppbv		97
30) Cyclohexane	7.13	84	29227	0.250	ppbv	#	27
31) cis-1,2-Dichloroethene	5.54	61	6070	0.054	ppbv		93
32) 1,1,1-Trichloroethane	6.51	97	7966	0.037	ppbv	#	82
34) 2-Butanone	5.24	43	204446	1.628	ppbv		97
36) Benzene	6.89	78	154138	0.563	ppbv		94
37) 1,2-Dichloroethane	6.30	62	10777	0.083	ppbv	#	91
38) Trichloroethene	7.84	130	11348	0.071	ppbv	#	79
39) 1,2-Dichloropropane	7.18	63	778987	8.417	ppbv	#	32
40) 1,4-Dioxane	7.85	88	2254	0.049	ppbv	#	1
41) Tetrahydrofuran	6.05	42	25050	0.376	ppbv	#	72
42) Bromodichloromethane	7.79	83	17772	0.084	ppbv	#	77
43) Methyl Methacrylate	8.01	69	4316	0.041	ppbv	#	21
44) 2,2,4-Trimethylpentane	7.87	57	286395	0.794	ppbv	#	87
46) cis-1,3-Dichloropropene	8.71	75	5693	0.043	ppbv	#	44

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035558.D
Acq On : 8 Sep 2020 16:07
Operator : SY/AP
Sample : L3936-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Quant Time: Sep 09 02:36:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,1,2-Trichloroethane	9.49	97	7295	0.053	ppbv	#	89
48) Dibromochloromethane	10.31	129	7029	0.033	ppbv		97
50) 4-Methyl-2-Pentanone	8.75	43	133054	0.732	ppbv	#	85
51) 2-Hexanone	10.14	43	5207	0.035	ppbv	#	20
52) Tetrachloroethene	11.23	164	27048	0.169	ppbv		91
53) Toluene	9.81	91	6472649	18.787	ppbv		95
54) 1,2-Dibromoethane	10.61	107	10732	0.050	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.14	131	7720	0.045	ppbv	#	1
57) Chlorobenzene	12.16	112	14243	0.046	ppbv		89
58) Ethyl Benzene	12.72	91	420116	0.961	ppbv		89
59) m/p-Xylene	12.98	91	1348999	3.693	ppbv		97
60) o-Xylene	13.70	91	454396	1.235	ppbv		96
61) Styrene	13.54	104	123487	0.439	ppbv		98
62) Isopropylbenzene	14.68	105	29010	0.049	ppbv	#	43
63) 1,1,2,2-Tetrachloroethane	13.68	83	13807	0.048	ppbv		77
64) n-propylbenzene	15.57	120	38921	0.216	ppbv	#	65
65) tert-Butylbenzene	16.77	119	55380	0.101	ppbv	#	22
67) sec-Butylbenzene	17.31	105	57108	0.078	ppbv		91
69) p-Isopropyltoluene	17.67	119	77533	0.121	ppbv		95
70) n-Butylbenzene	18.57	91	64363	0.104	ppbv	#	79
71) 2-Chlorotoluene	15.46	91	25110	0.058	ppbv		99
72) 4-Ethyltoluene	15.85	105	197137	0.421	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.01	105	189669	0.438	ppbv		90
74) 1,2,4-Trimethylbenzene	16.78	105	646139	1.360	ppbv	#	72
75) 1,3-Dichlorobenzene	17.01	146	14150	0.040	ppbv	#	17
76) 1,4-Dichlorobenzene	17.15	146	37480	0.108	ppbv	#	49
77) 1,2-Dichlorobenzene	17.83	146	25348	0.074	ppbv		90
78) Hexachloro-1,3-Butadiene	23.39	225	7549	0.035	ppbv	#	1
79) Naphthalene	22.23	128	102691	0.195	ppbv	#	90
80) Naphthalene,2-methyl-	24.99	142	20056	0.111	ppbv	#	94

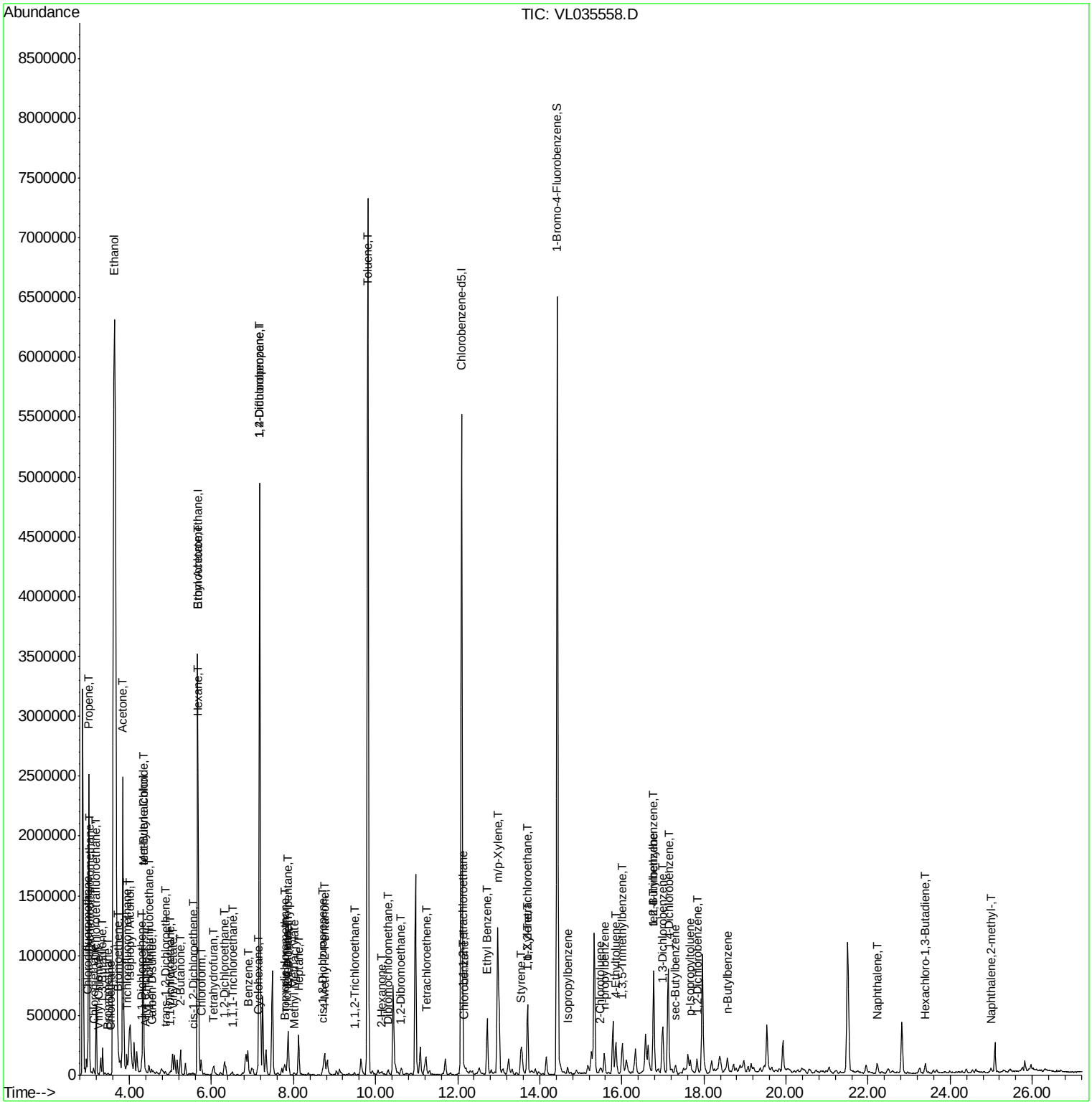
(#) = qualifier out of range (m) = manual integration (+) = signals summed

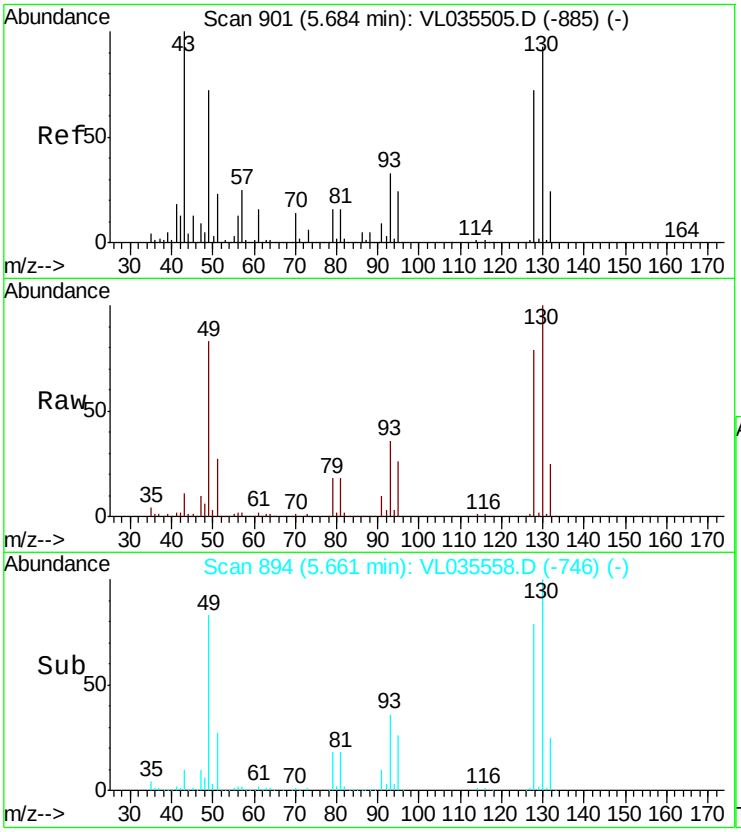
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035558.D
Acq On : 8 Sep 2020 16:07
Operator : SY/AP
Sample : L3936-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Quant Time: Sep 09 02:36:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration



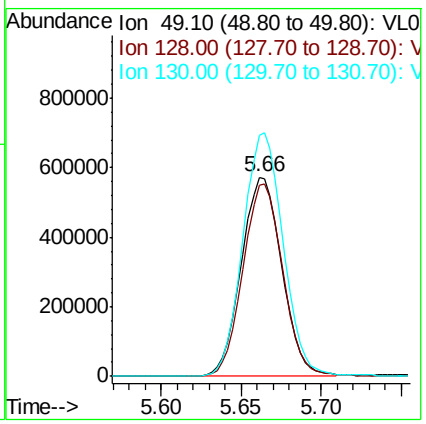


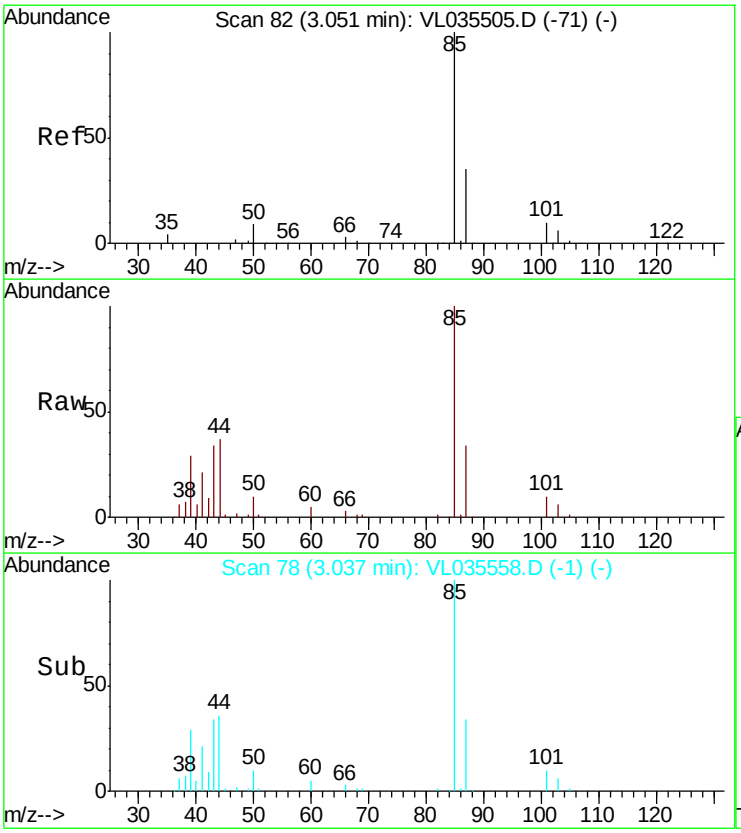
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 49 Resp: 990479

Ion	Ratio	Lower	Upper
49	100		
128	95.6	50.0	150.1
130	122.7	64.4	193.2

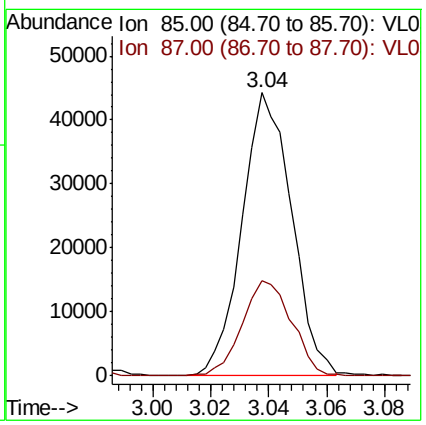


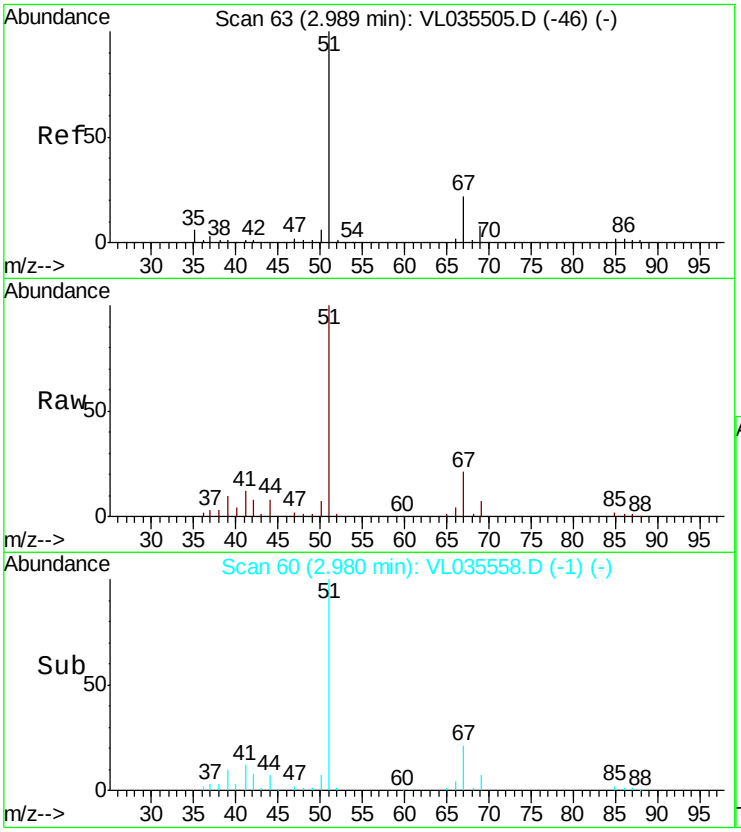


#2
Dichlorodifluoromethane
Concen: 0.307 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 85 Resp: 52643

Ion	Ratio	Lower	Upper
85	100		
87	33.7	28.0	42.0



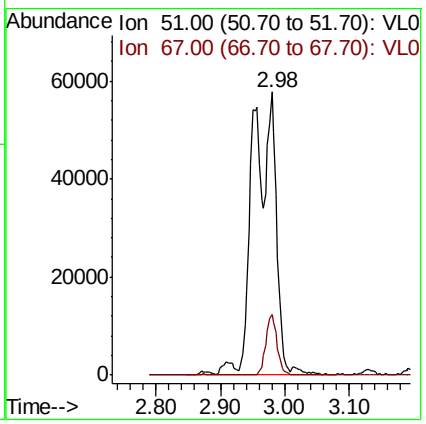


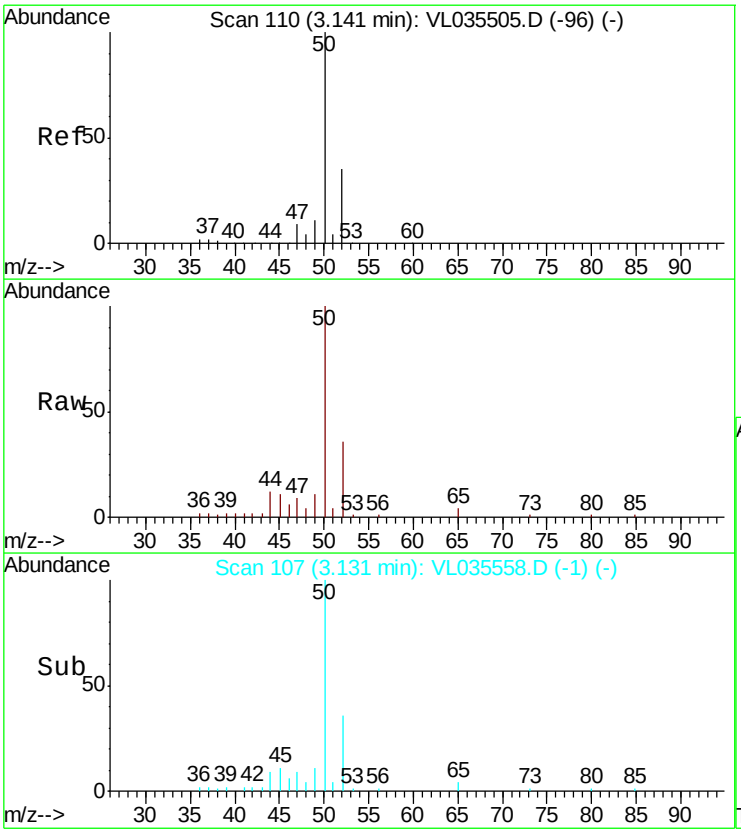
#3
Chlorodifluoromethane
Concen: 1.323 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 51 Resp: 144907

Ion	Ratio	Lower	Upper
51	100		
67	10.3	17.8	26.8#

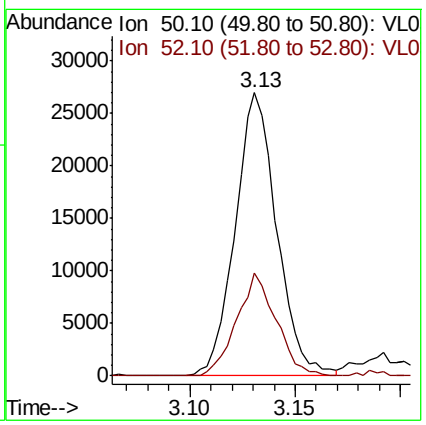


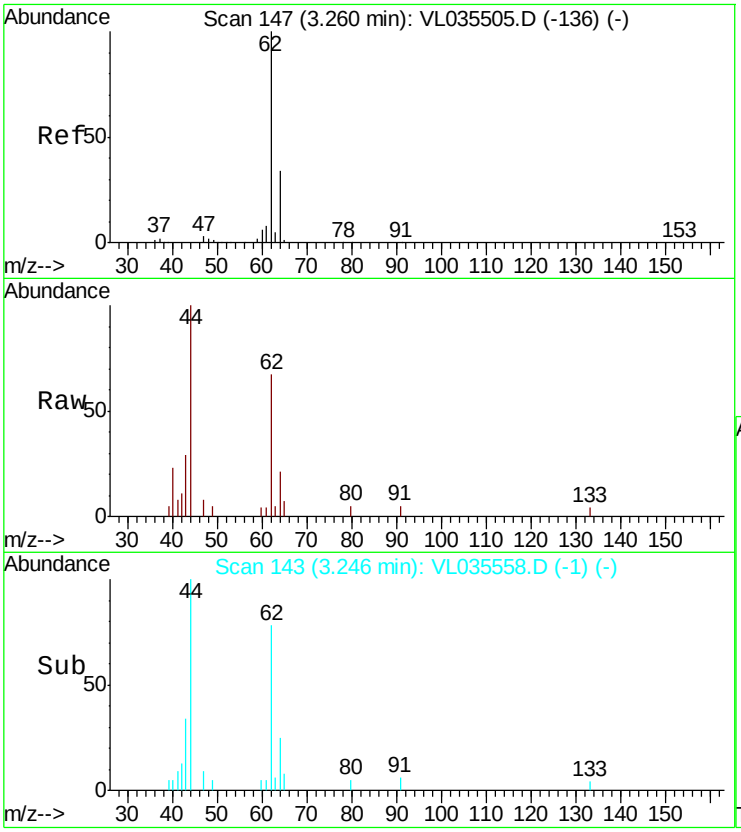


#4
Chloromethane
Concen: 0.630 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 50 Resp: 36971

Ion	Ratio	Lower	Upper
50	100		
52	36.5	27.7	41.5



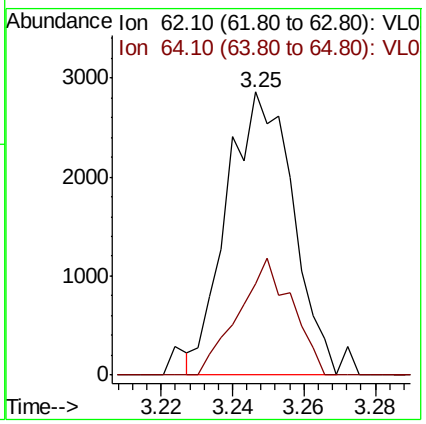


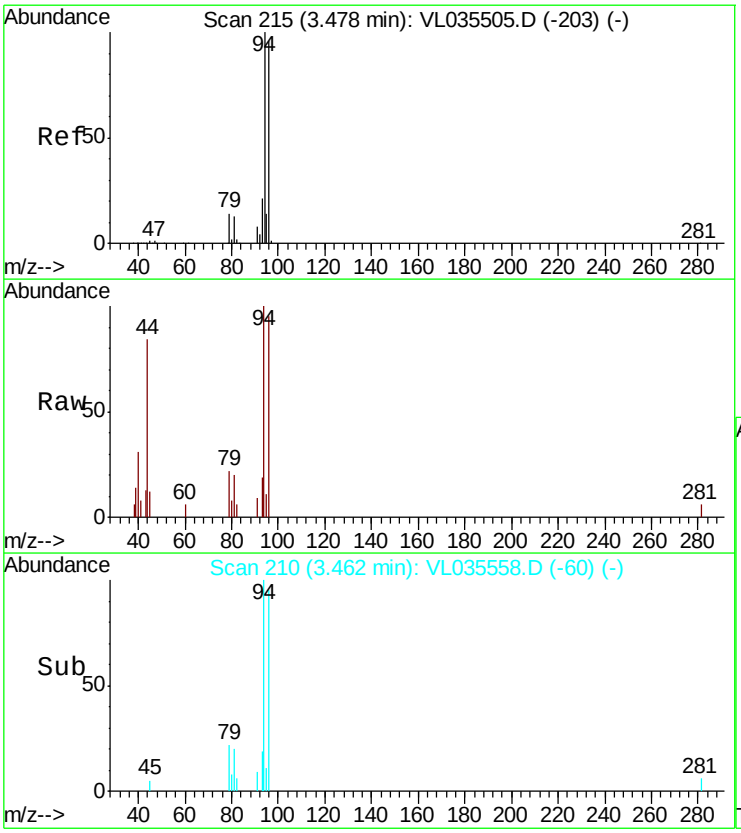
#5
Vinyl Chloride
Concen: 0.051 ppbv
RT: 3.25 min Scan# 143
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 62 Resp: 3657

Ion	Ratio	Lower	Upper
62	100		
64	41.8	27.4	41.2#

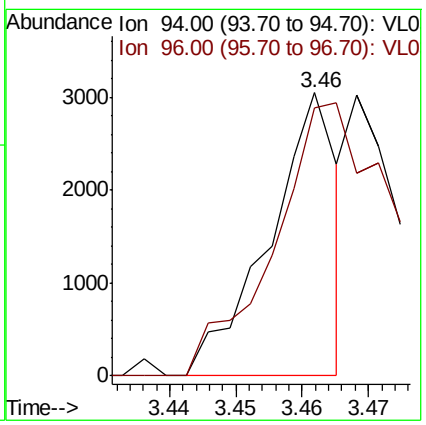


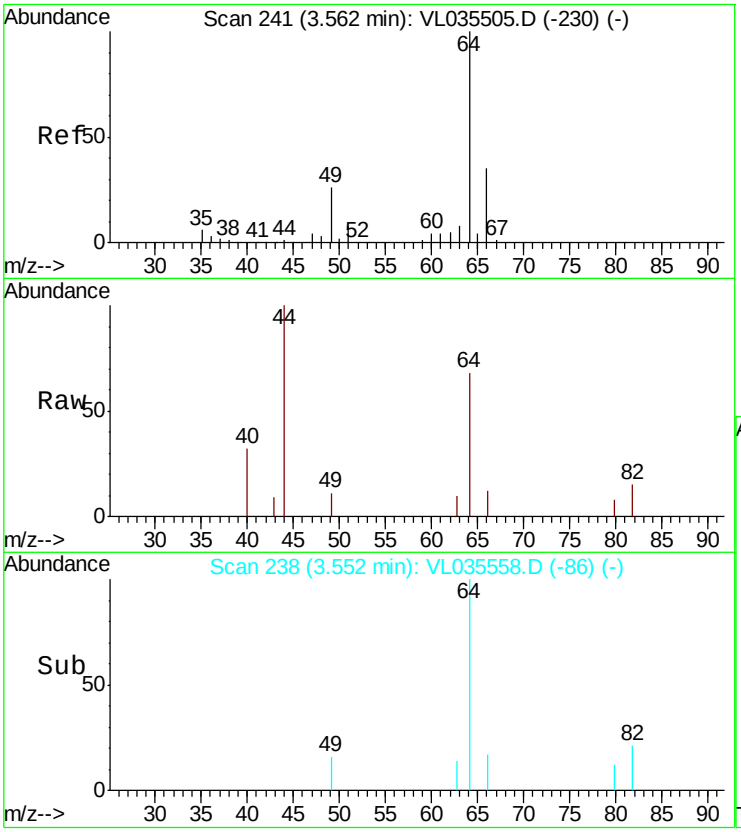


#6
Bromomethane
Concen: 0.036 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 94 Resp: 2171

Ion	Ratio	Lower	Upper
94	100		
96	94.6	77.1	115.7



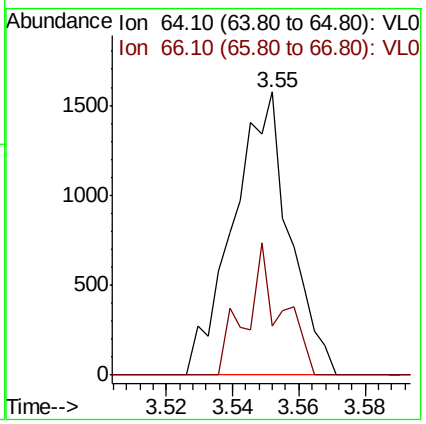


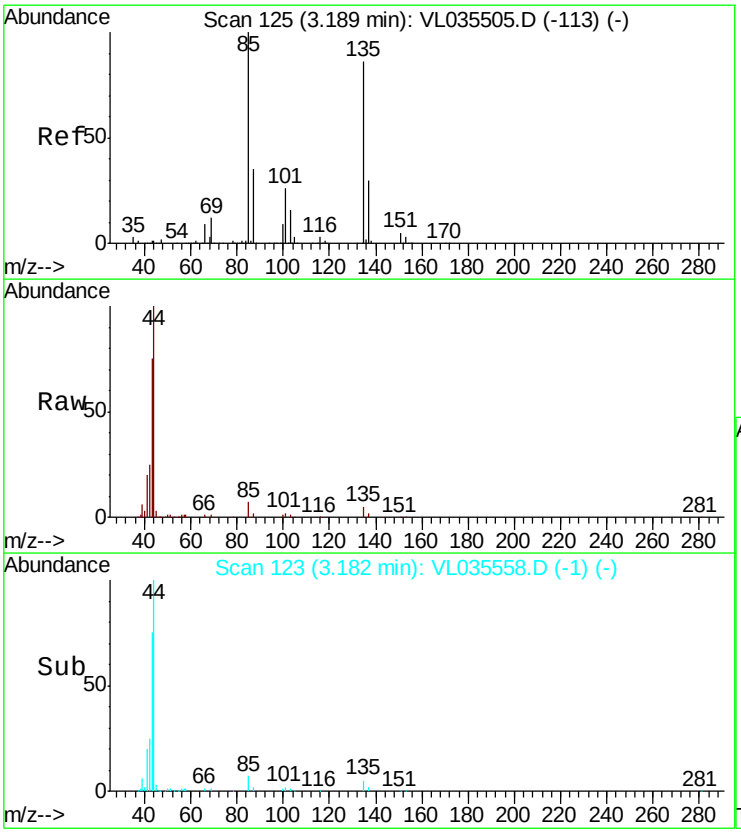
#7
Chloroethane
Concen: 0.073 ppbv
RT: 3.55 min Scan# 238
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 64 Resp: 1858

Ion	Ratio	Lower	Upper
64	100		
66	17.4	27.7	41.5#

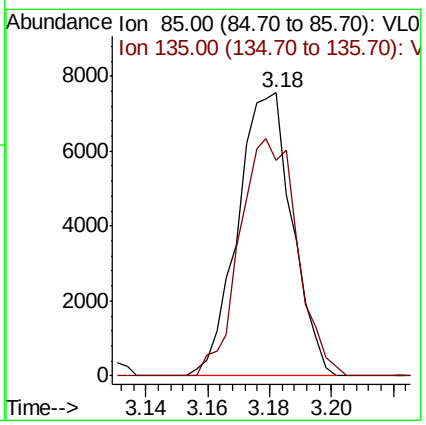


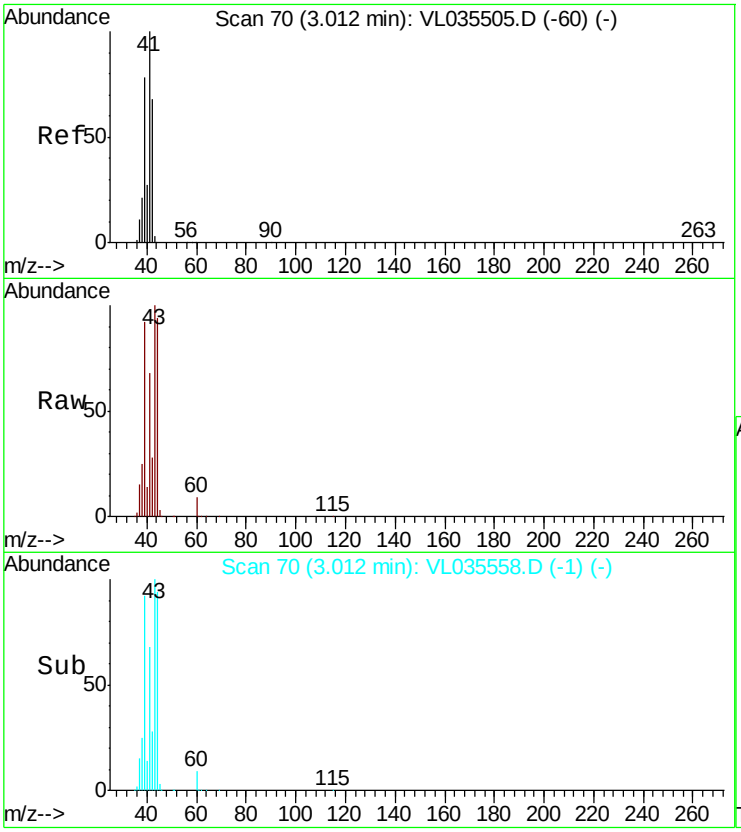


#8
Dichlorotetrafluoroethane
Concen: 0.045 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 85 Resp: 9280

Ion	Ratio	Lower	Upper
85	100		
135	87.8	70.4	105.6



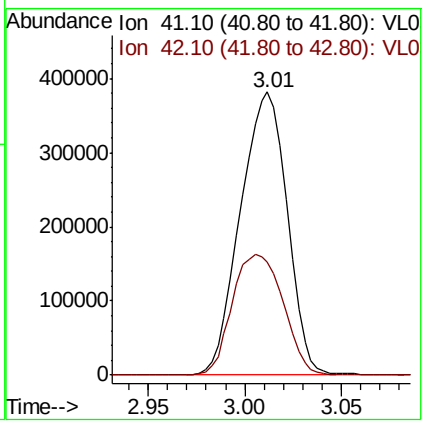


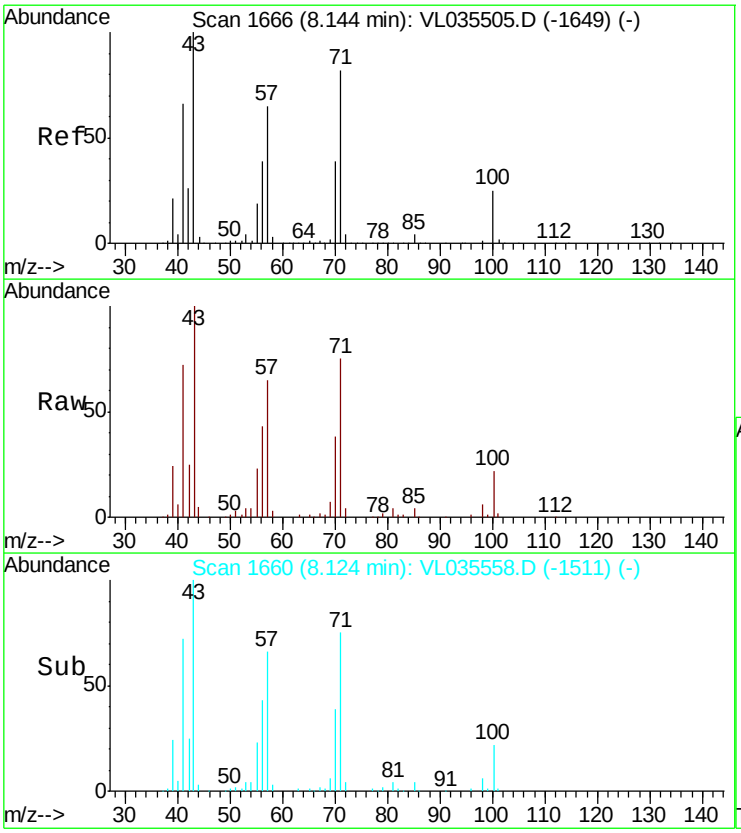
#9
Propene
Concen: 15.201 ppbv
RT: 3.01 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 41 Resp: 641970

Ion	Ratio	Lower	Upper
41	100		
42	46.9	56.3	84.5#

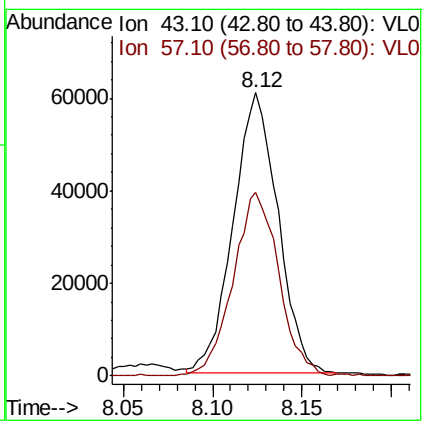


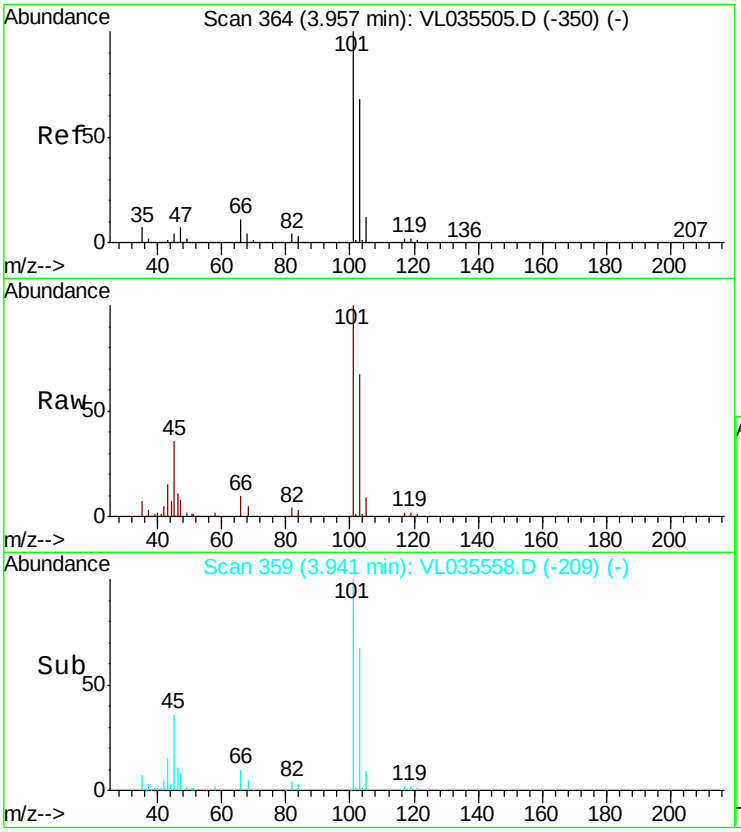


#10
Heptane
Concen: 0.932 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 43 Resp: 105737

Ion	Ratio	Lower	Upper
43	100		
57	67.3	51.4	77.0



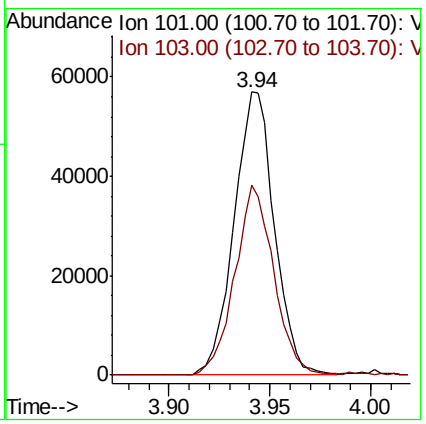


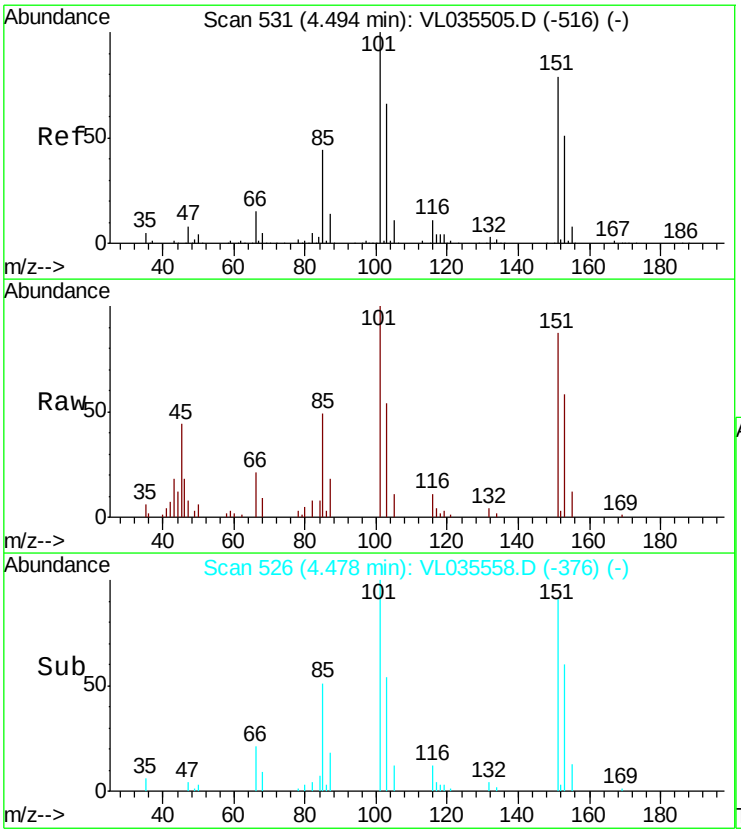
#11
Trichlorofluoromethane
Concen: 0.319 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:101 Resp: 79746

Ion	Ratio	Lower	Upper
101	100		
103	67.1	54.5	81.7

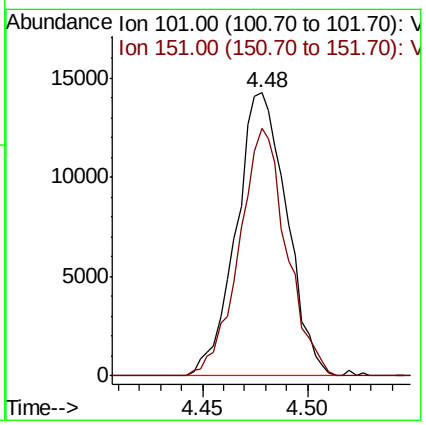


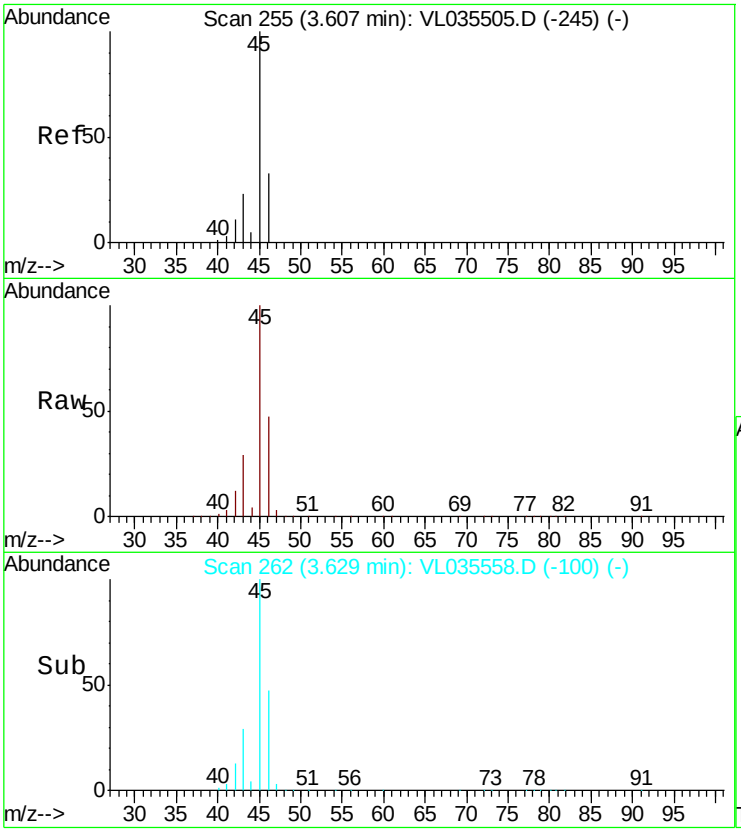


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.126 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:101 Resp: 23738

Ion	Ratio	Lower	Upper
101	100		
151	81.9	63.5	95.3



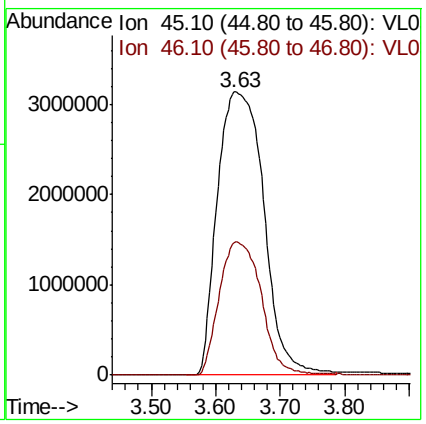


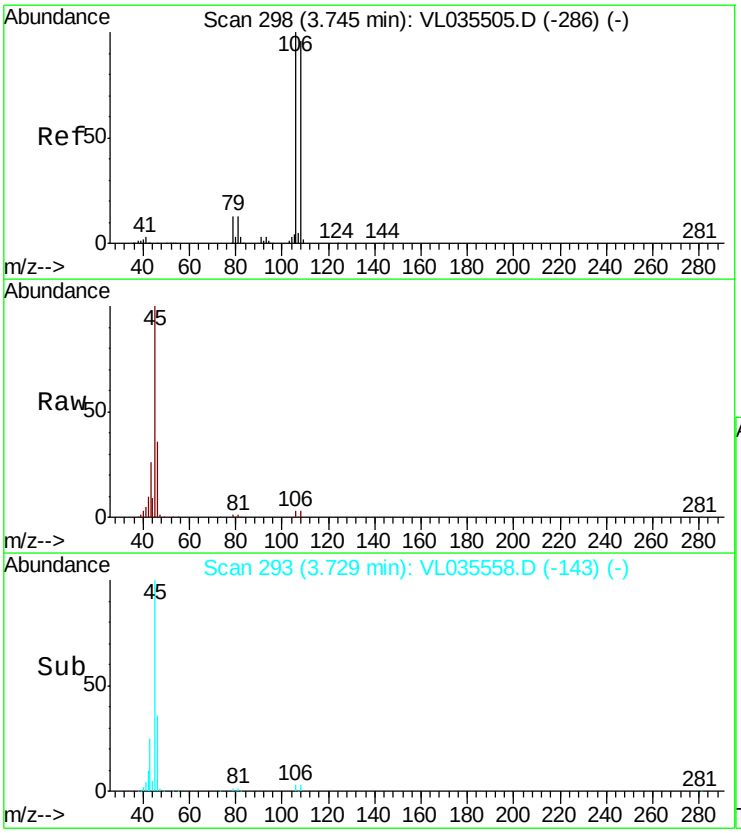
#13
Ethanol
Concen: 1497.513 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 45 Resp:15680396

Ion	Ratio	Lower	Upper
45	100		
46	42.9	15.2	60.6

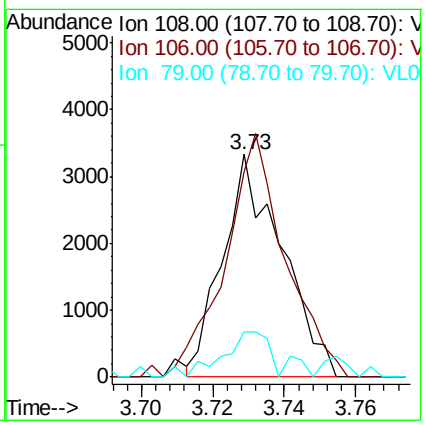


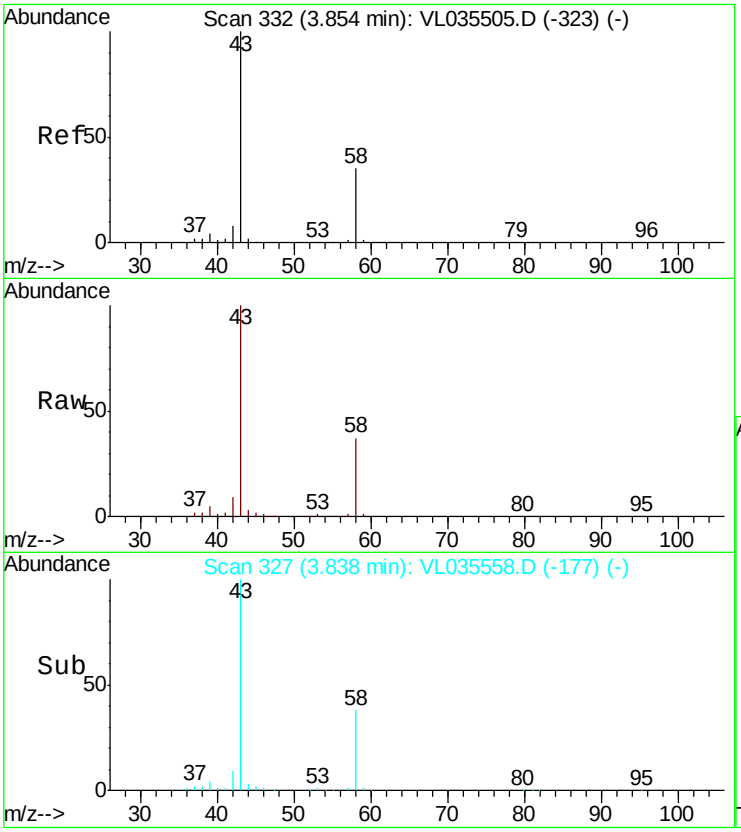


#14
Bromoethene
Concen: 0.047 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:108 Resp: 3825

Ion	Ratio	Lower	Upper
108	100		
106	111.3	84.9	127.3
79	23.3	10.8	16.2#



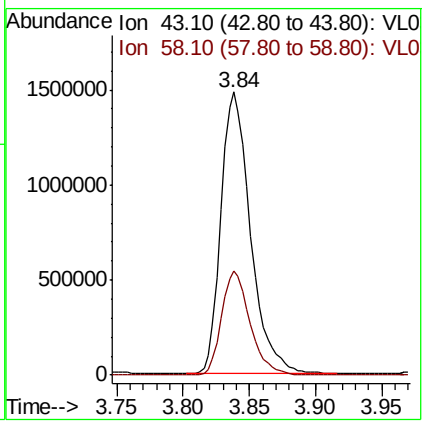


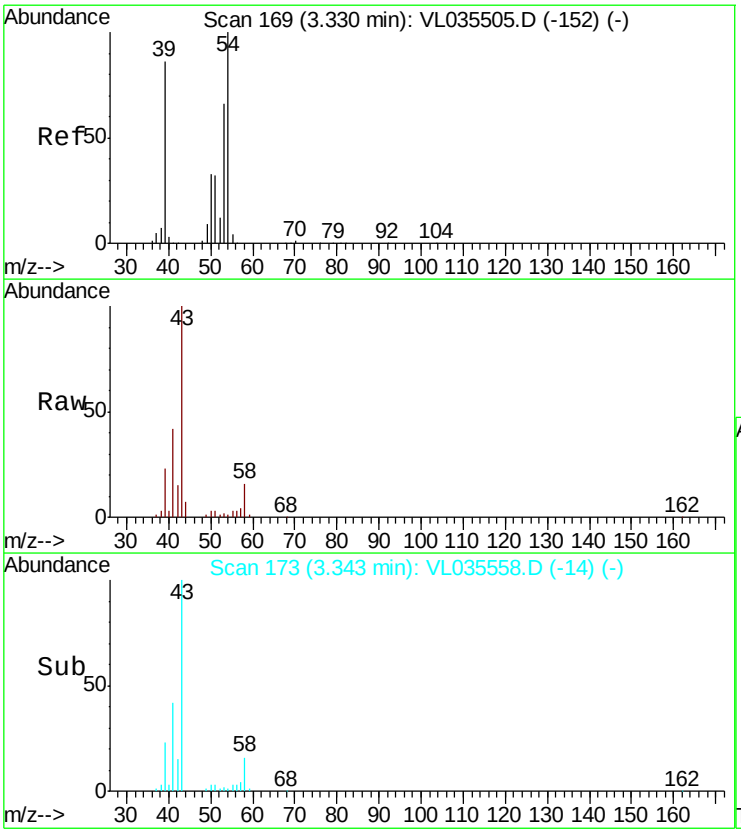
#15
Acetone
Concen: 21.009 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 43 Resp: 2294991

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.4	42.6

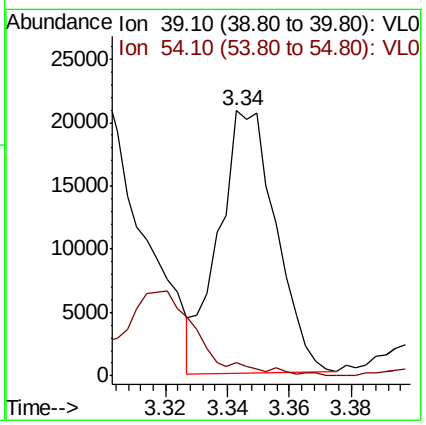


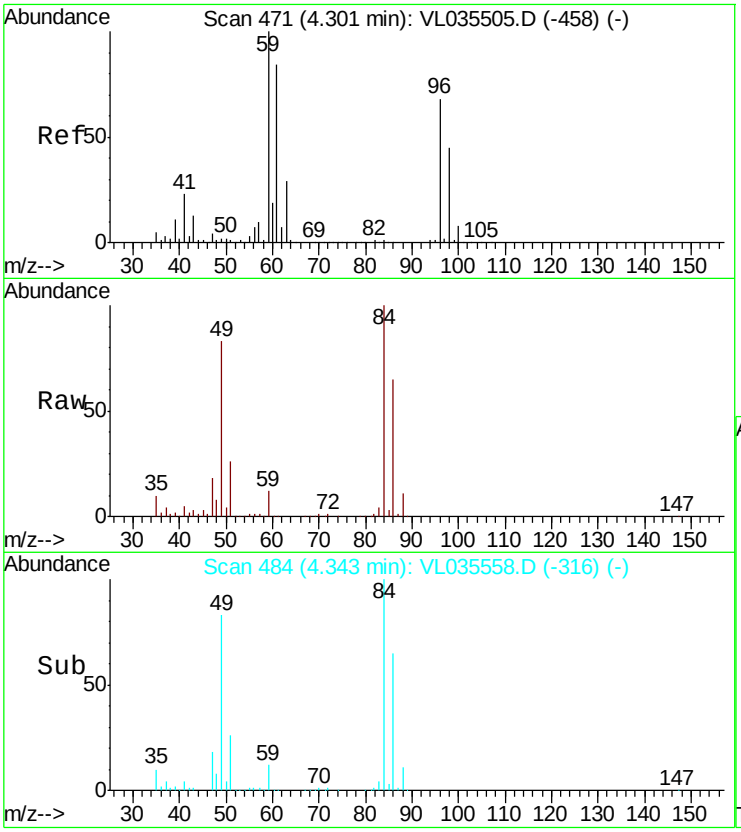


#16
1,3-Butadiene
Concen: 0.654 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 39 Resp: 26580

Ion	Ratio	Lower	Upper
39	100		
54	44.7	88.4	132.6#



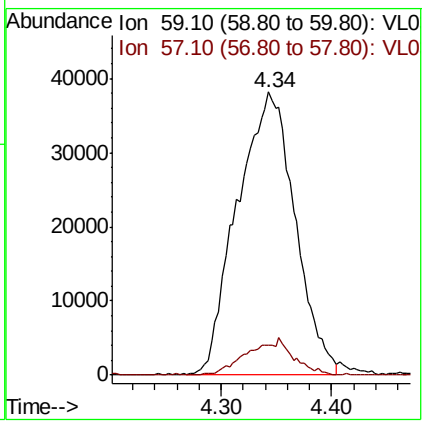


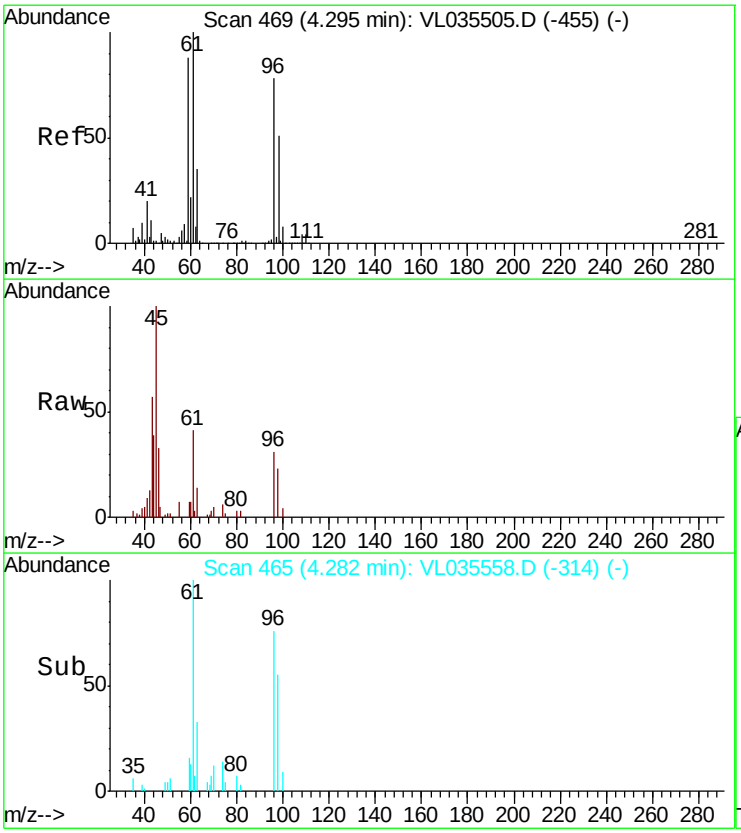
#17
tert-Butyl alcohol
Concen: 1.042 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.04 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 59 Resp: 138515

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

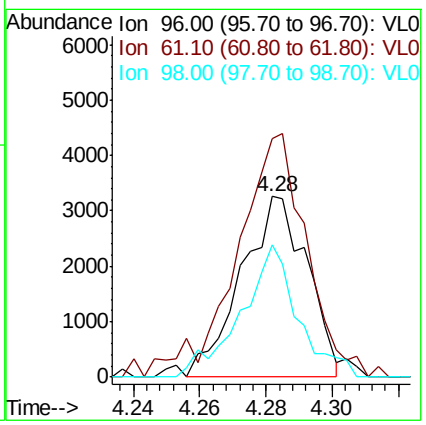


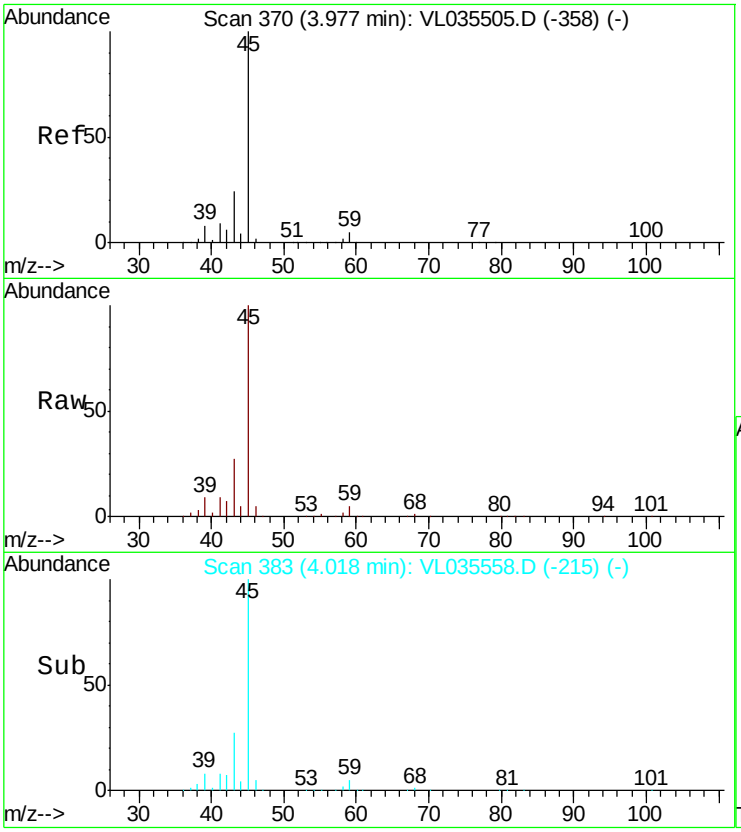


#18
1,1-Dichloroethene
Concen: 0.054 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 96 Resp: 4523

Ion	Ratio	Lower	Upper
96	100		
61	117.6	103.0	154.6
98	68.0	52.8	79.2



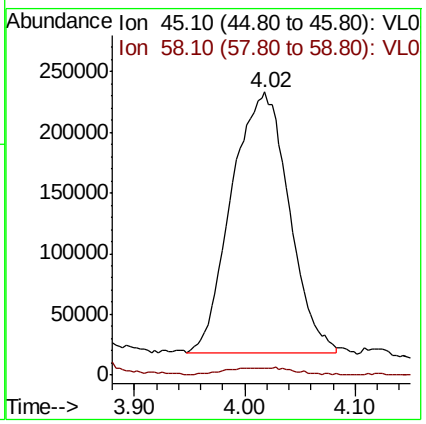


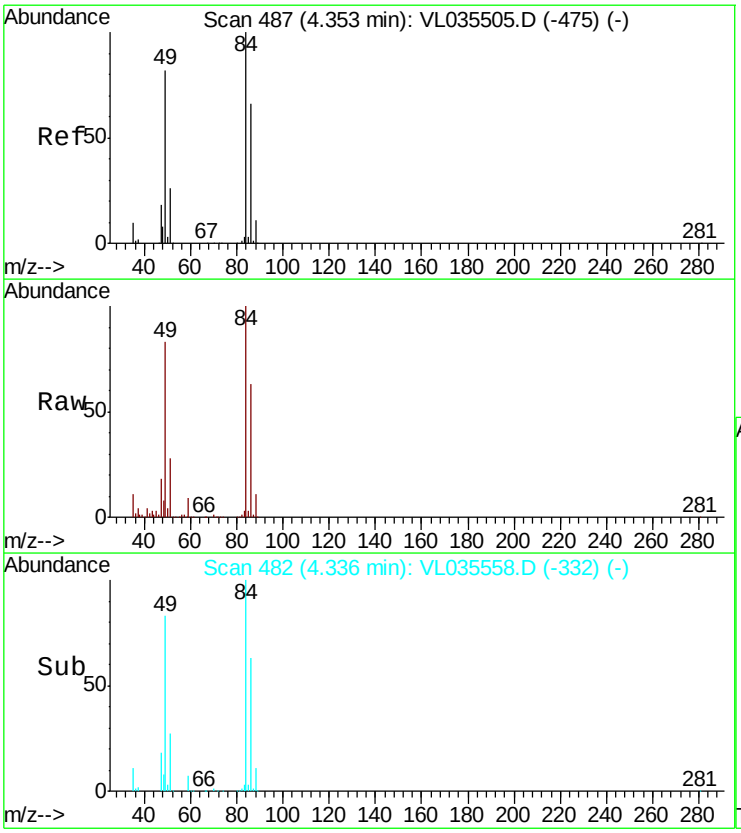
#19
Isopropyl Alcohol
Concen: 11.907 ppbv
RT: 4.02 min Scan# 383
Delta R.T. 0.04 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 45 Resp: 775948

Ion	Ratio	Lower	Upper
45	100		
58	106.2	2.0	3.0#

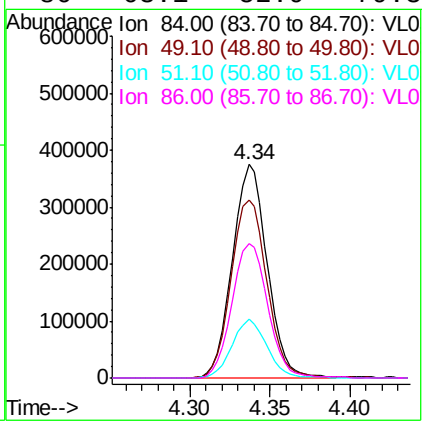


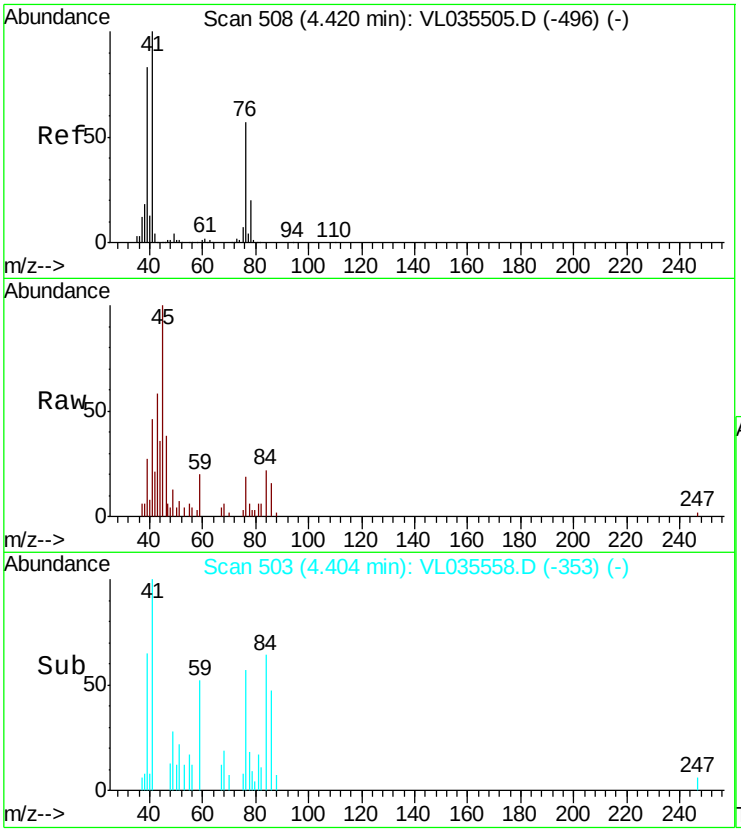


#20
Methylene Chloride
Concen: 6.787 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 84 Resp: 552227

Ion	Ratio	Lower	Upper
84	100		
49	83.4	65.4	98.0
51	27.6	21.5	32.3
86	63.1	52.9	79.3



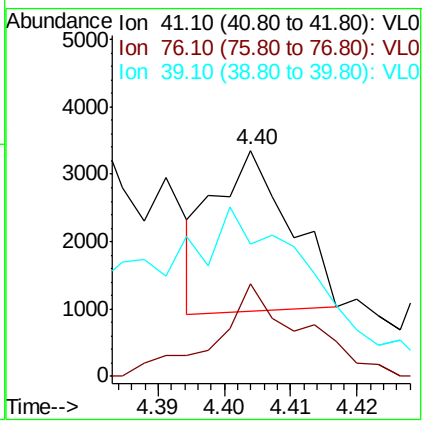


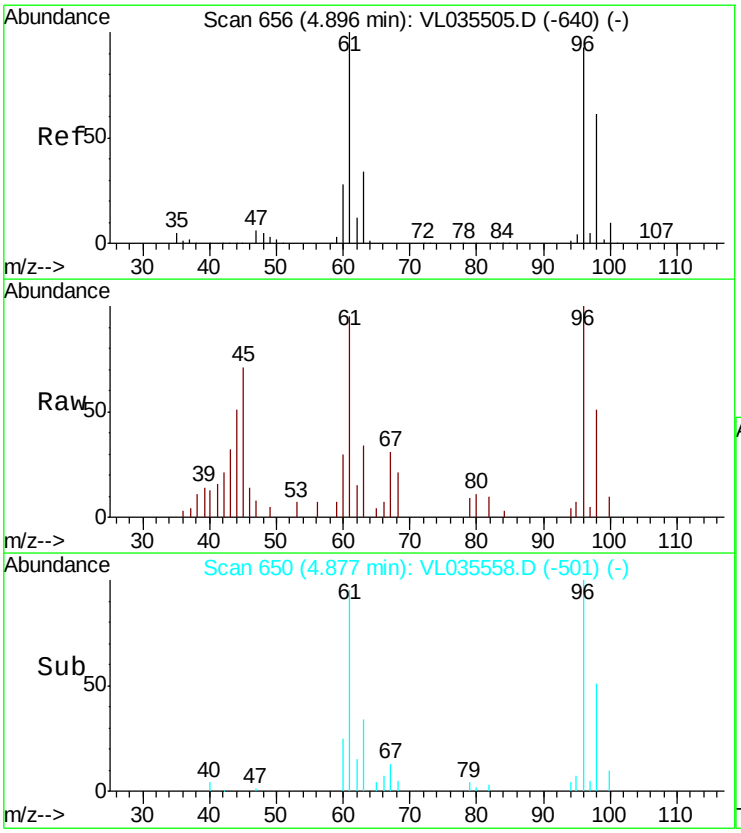
#21
Allvl Chloride
Concen: 0.037 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 41 Resp: 1887

Ion	Ratio	Lower	Upper
41	100		
76	0.0	46.2	69.2#
39	0.0	67.8	101.6#

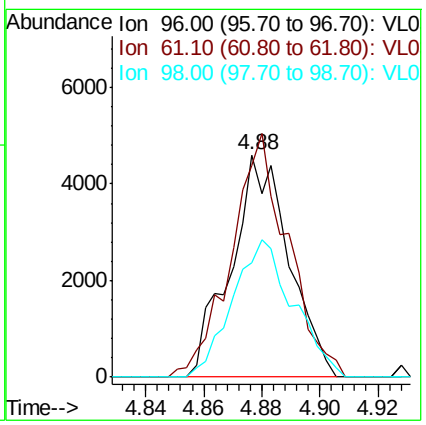


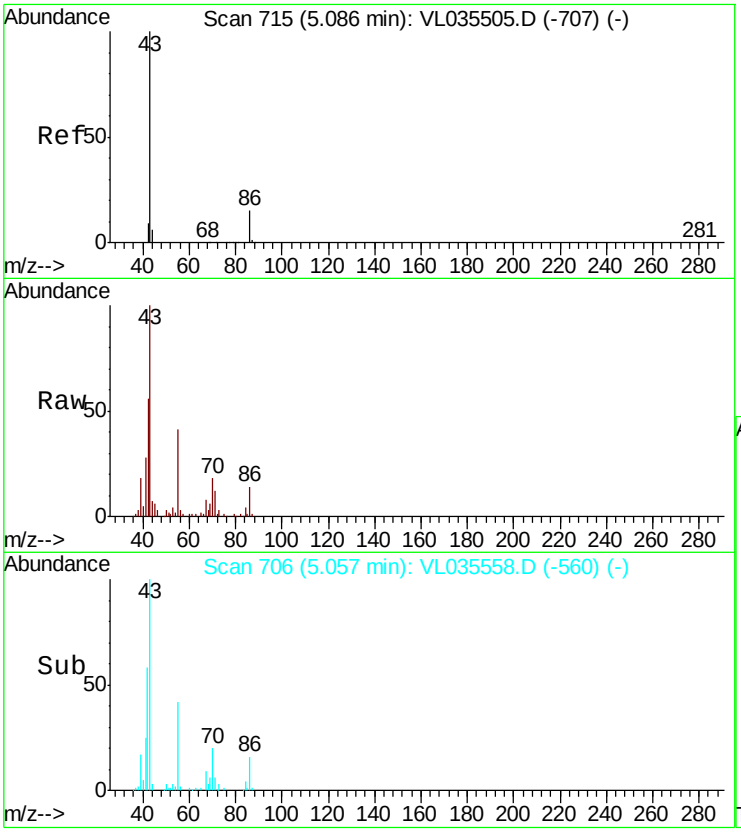


#22
trans-1,2-Dichloroethene
Concen: 0.073 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 96 Resp: 6453

Ion	Ratio	Lower	Upper
96	100		
61	90.9	86.0	129.0
98	51.4	52.3	78.5#



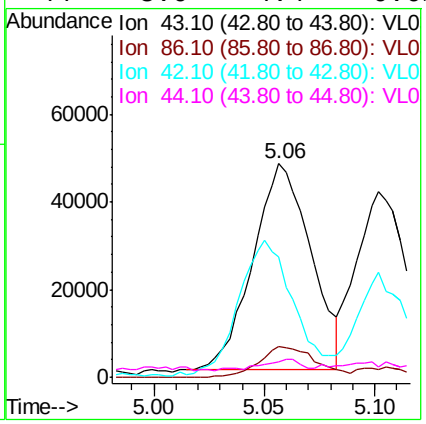


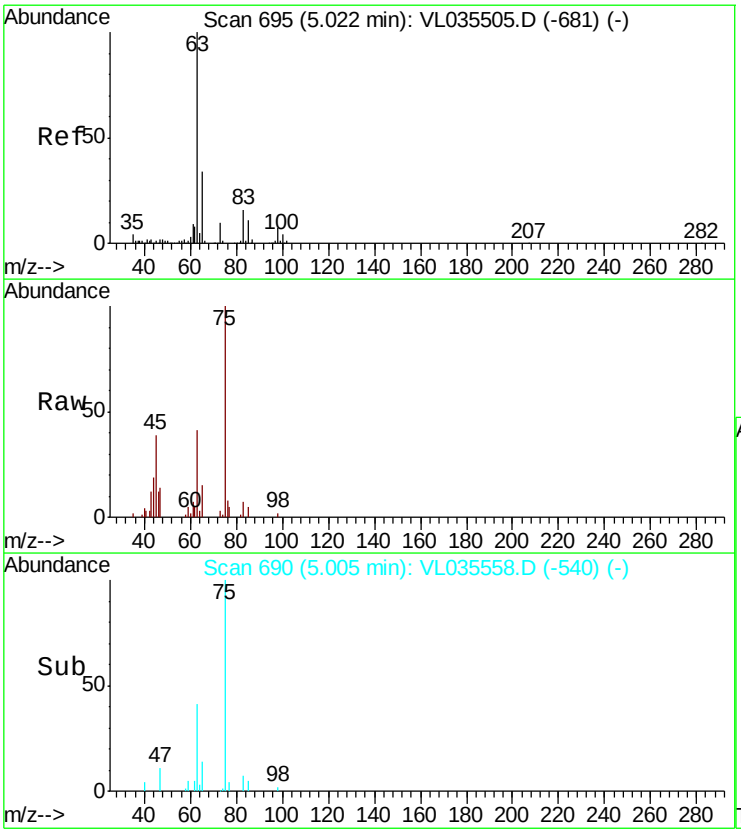
#23
Vinyl Acetate
Concen: 0.612 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 43 Resp: 85757

Ion	Ratio	Lower	Upper
43	100		
86	15.0	10.6	16.0
42	57.1	7.5	11.3#
44	3.0	4.4	6.6#

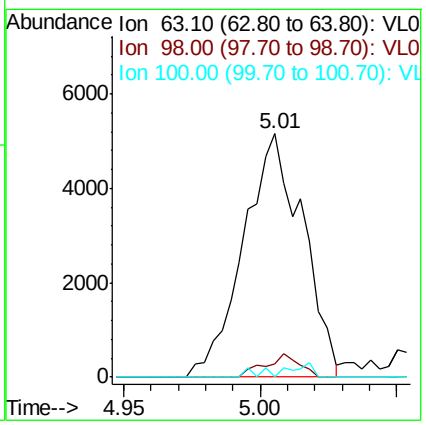


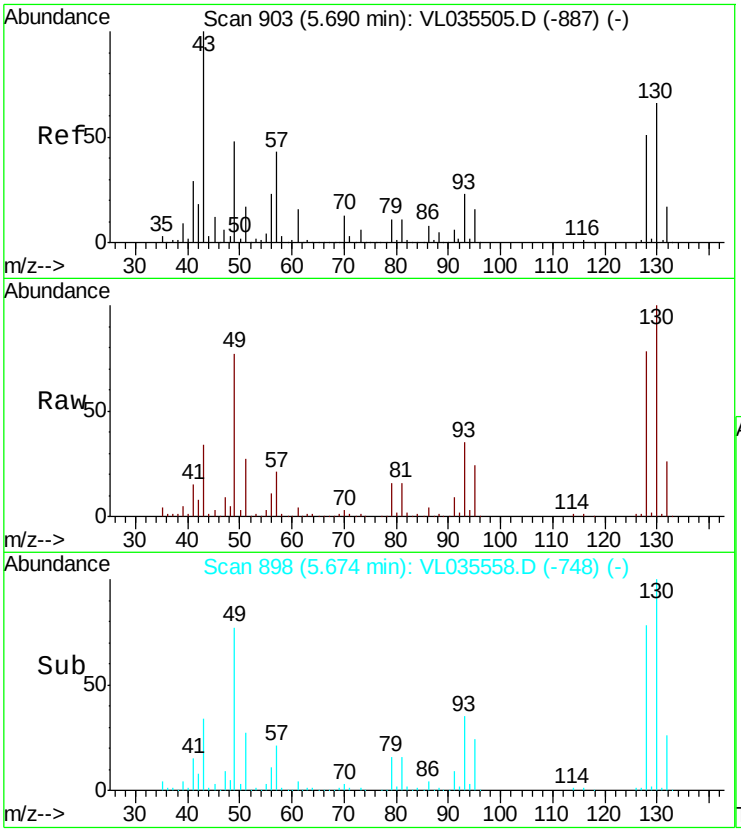


#24
1,1-Dichloroethane
Concen: 0.054 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 63 Resp: 7776

Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.4	10.1
100	0.0	2.1	6.5#



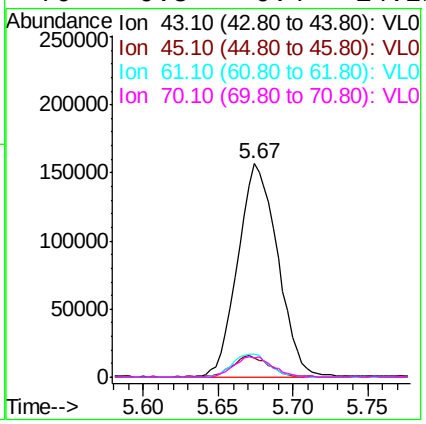


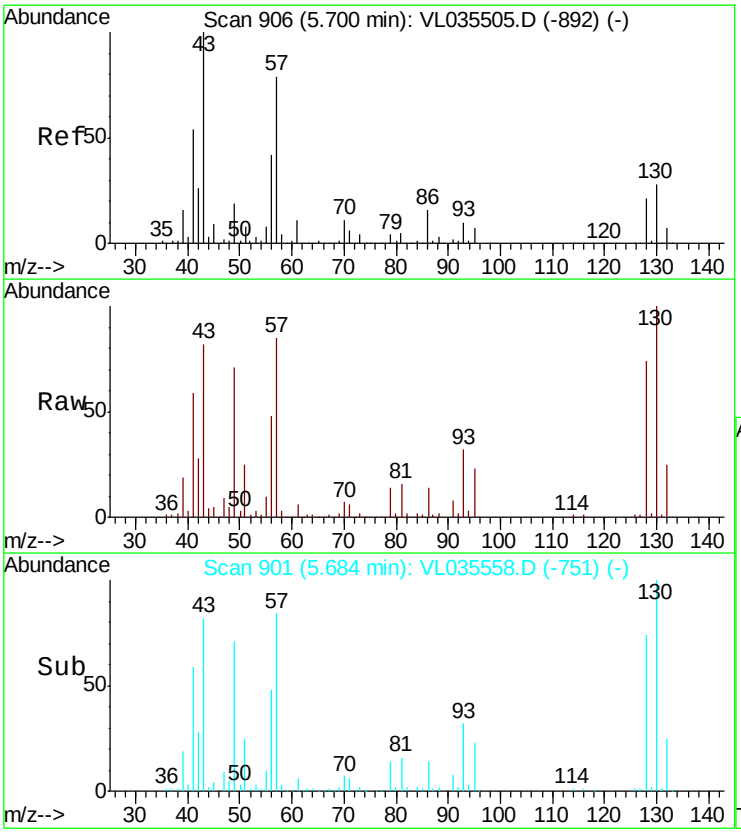
#25
Ethyl Acetate
Concen: 1.508 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 43 Resp: 290946

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	10.3	10.6	16.0#
70	9.3	9.4	14.2#

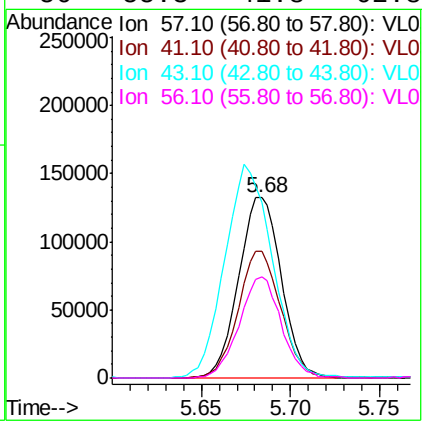


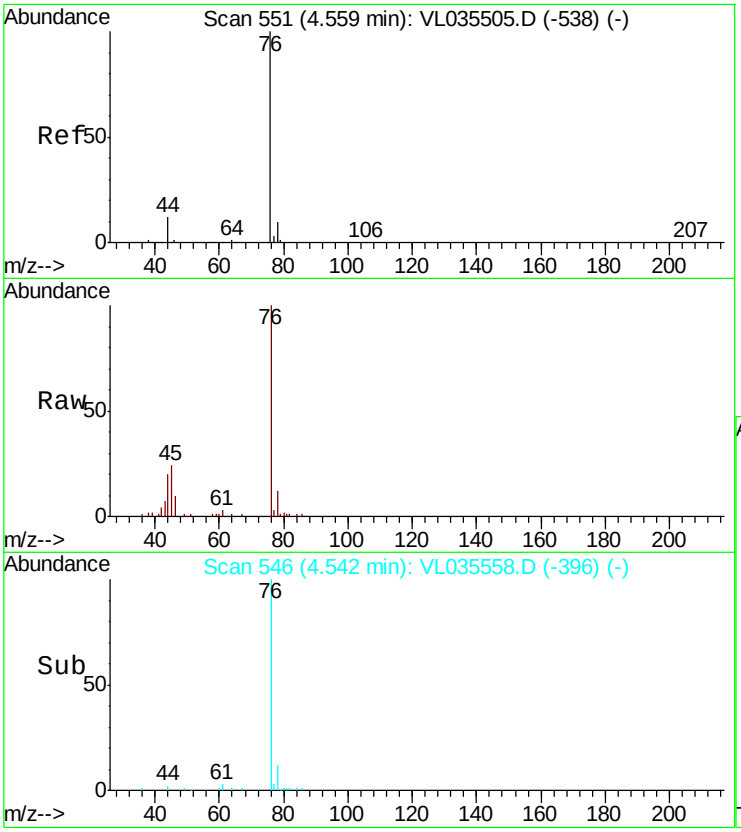


#26
Hexane
Concen: 2.032 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 57 Resp: 222206

Ion	Ratio	Lower	Upper
57	100		
41	70.5	55.9	83.9
43	132.1	141.8	212.8#
56	55.3	41.8	62.8



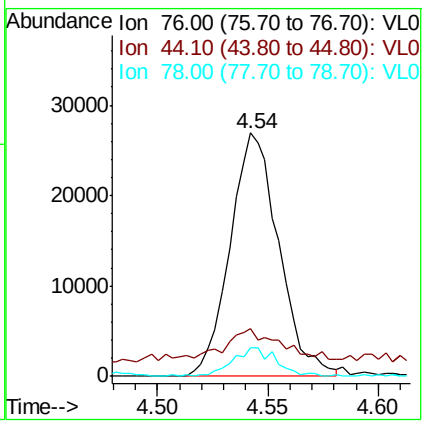


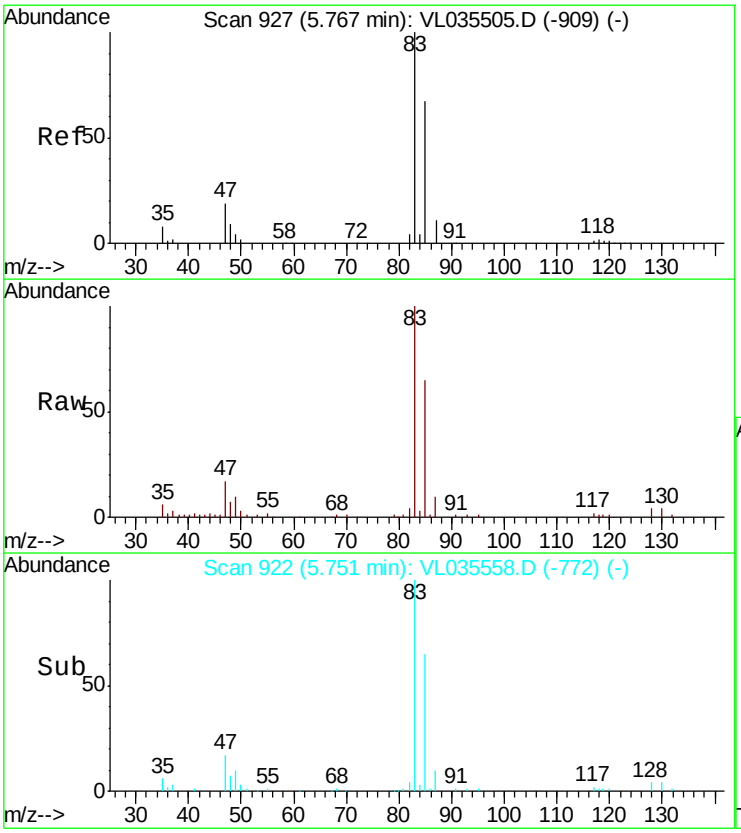
#27
Carbon Disulfide
Concen: 0.263 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 76 Resp: 41267

Ion	Ratio	Lower	Upper
76	100		
44	17.6	9.3	13.9#
78	10.8	7.8	11.6

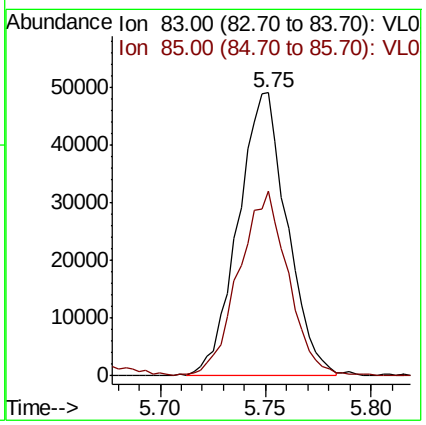


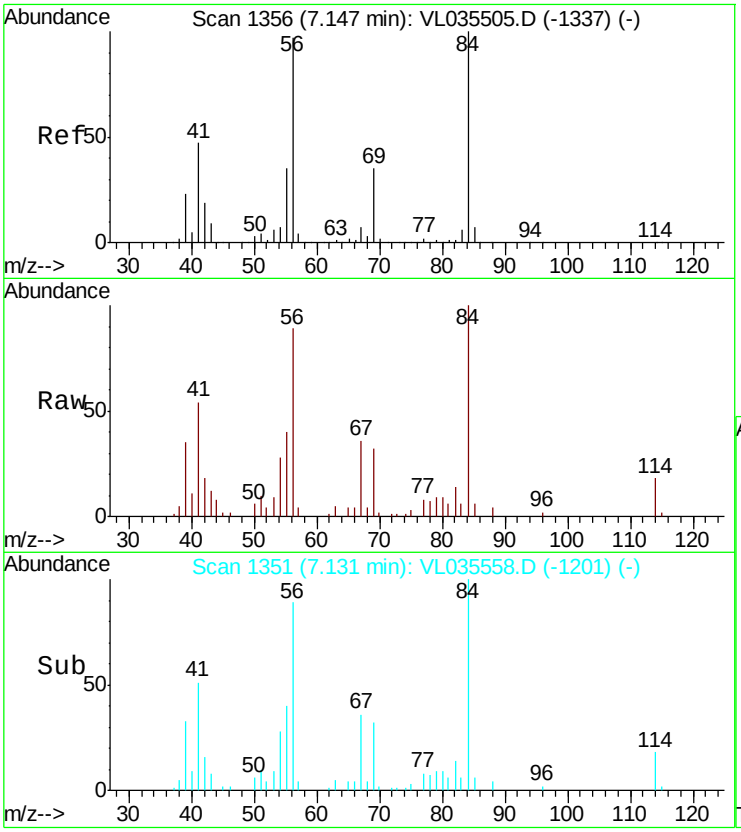


#29
Chloroform
Concen: 0.357 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 83 Resp: 79569

Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.9	80.9



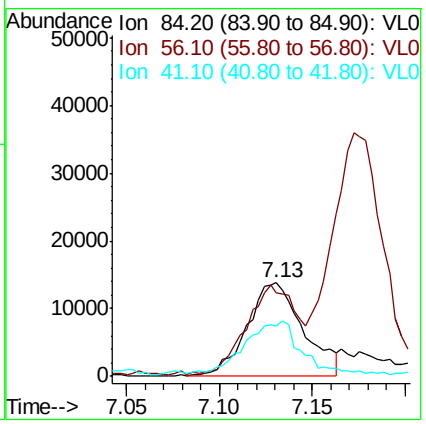


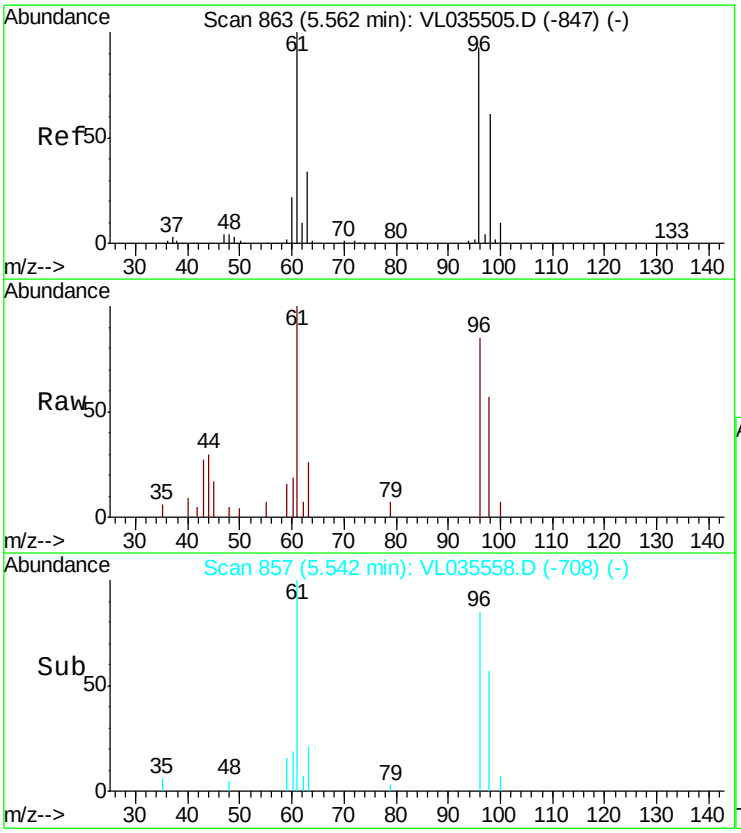
#30
Cyclohexane
Concen: 0.250 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 84 Resp: 29227

Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	59.0	38.1	57.1#

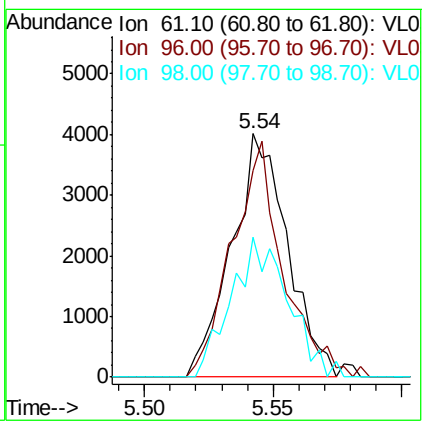


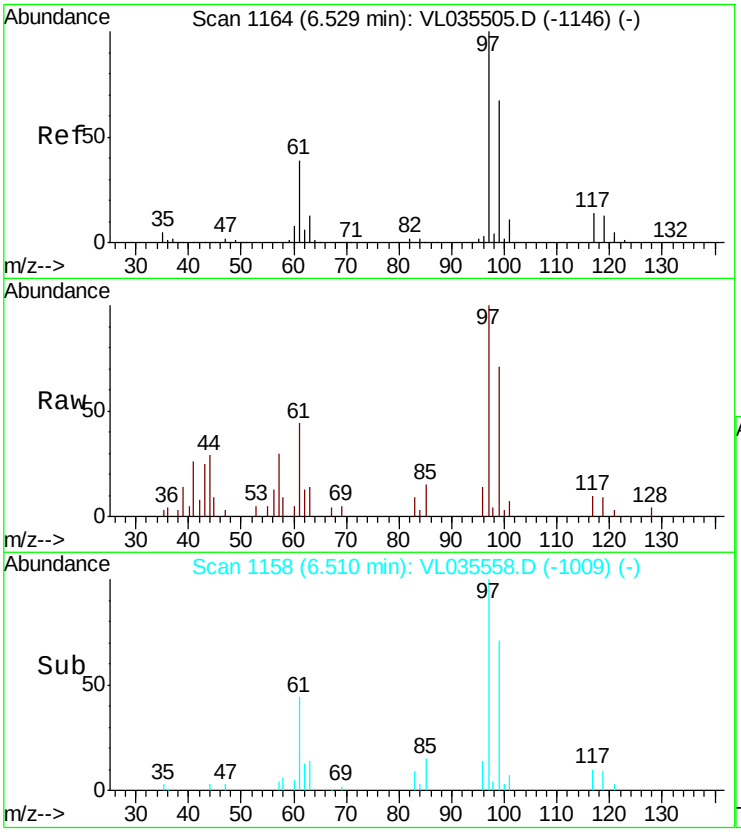


#31
cis-1,2-Dichloroethene
Concen: 0.054 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 61 Resp: 6070

Ion	Ratio	Lower	Upper
61	100		
96	84.9	74.4	111.6
98	57.3	49.2	73.8



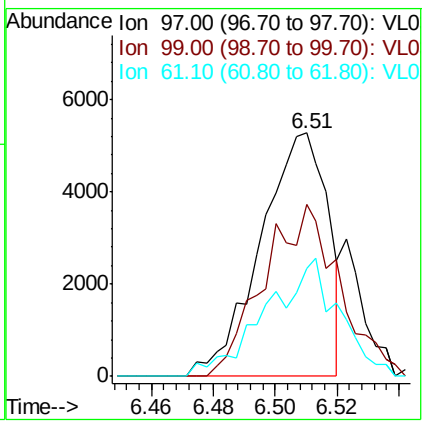


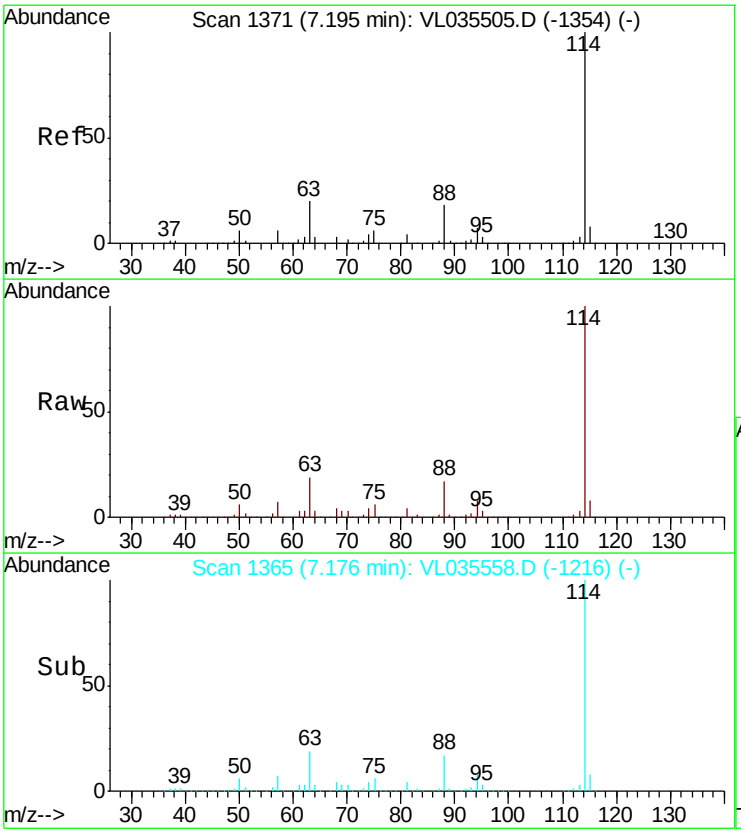
#32
1,1,1-Trichloroethane
Concen: 0.037 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 97 Resp: 7966

Ion	Ratio	Lower	Upper
97	100		
99	78.7	53.3	79.9
61	52.4	30.6	46.0#

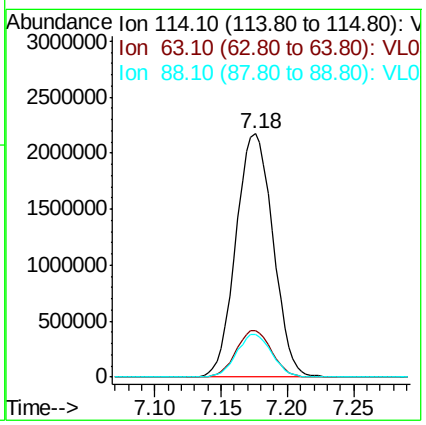


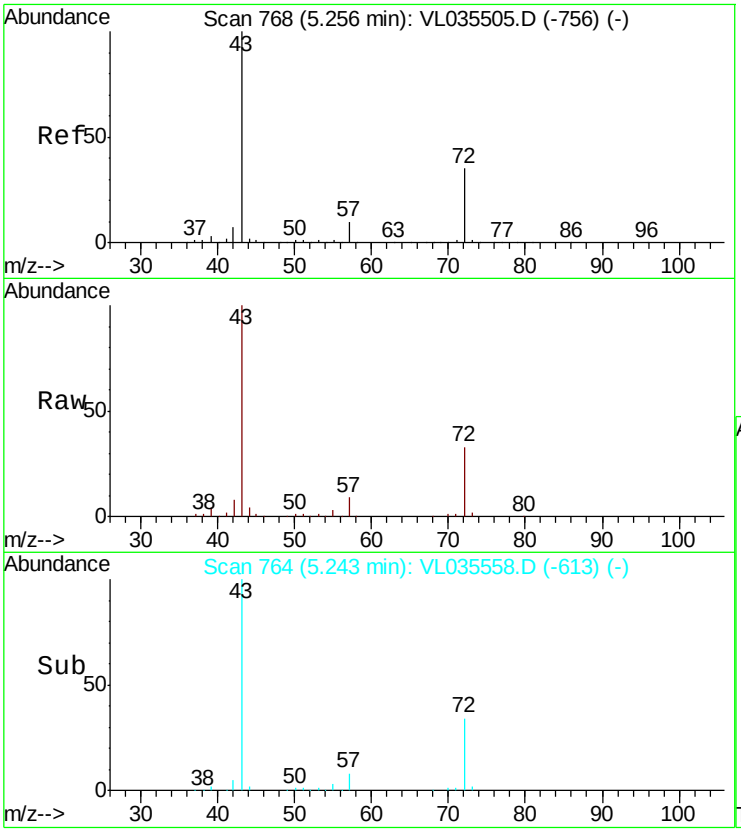


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:114 Resp: 4232362

Ion	Ratio	Lower	Upper
114	100		
63	18.5	14.7	22.1
88	16.7	13.4	20.2



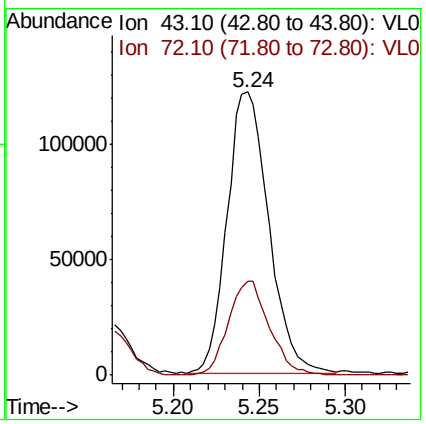


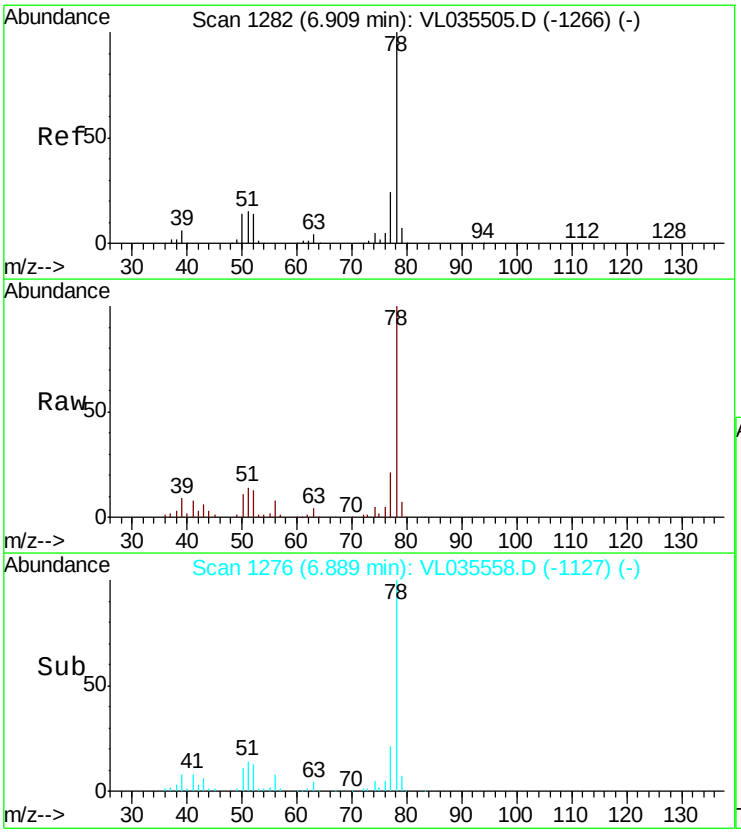
#34
2-Butanone
Concen: 1.628 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 43 Resp: 204446

Ion	Ratio	Lower	Upper
43	100		
72	33.1	27.7	41.5

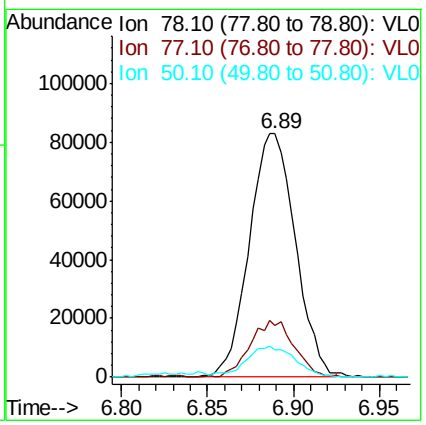


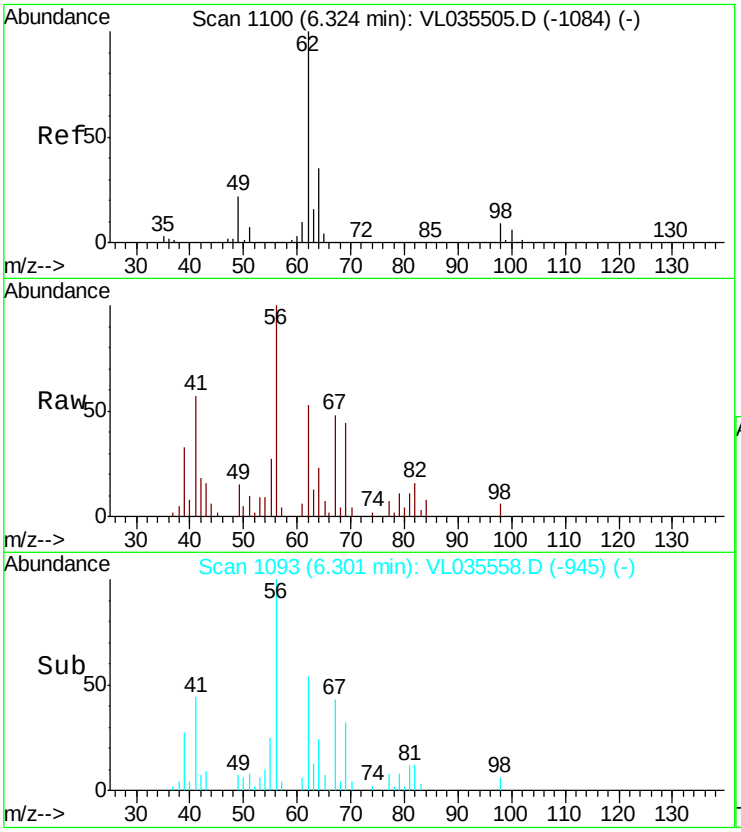


#36
Benzene
Concen: 0.563 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 78 Resp: 154138

Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.3	28.9
50	11.4	11.0	16.6



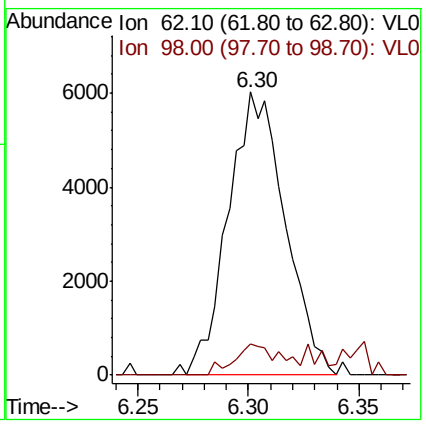


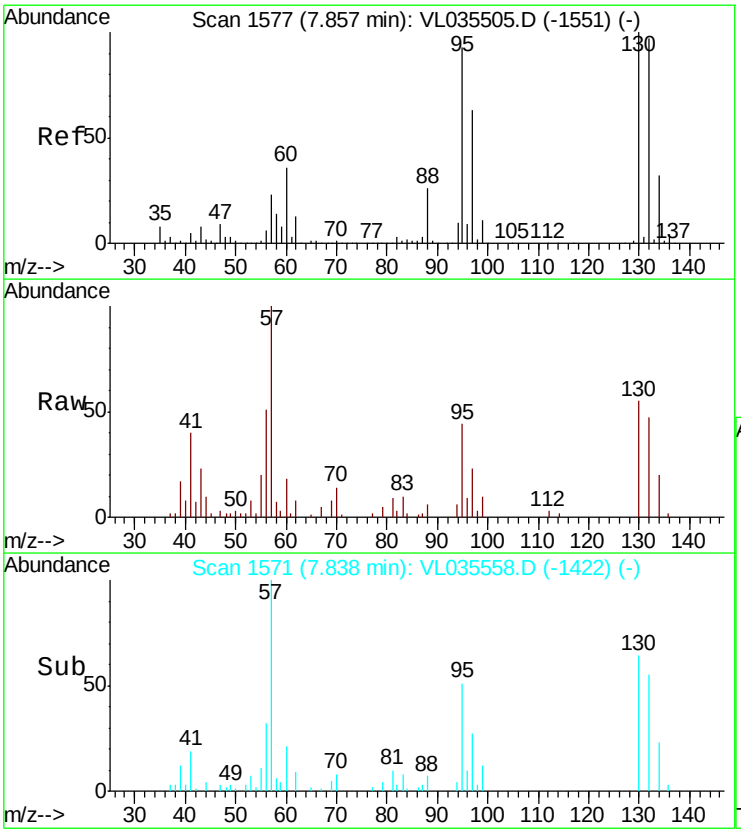
#37
1,2-Dichloroethane
Concen: 0.083 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 62 Resp: 10777

Ion	Ratio	Lower	Upper
62	100		
98	12.4	7.4	11.0#

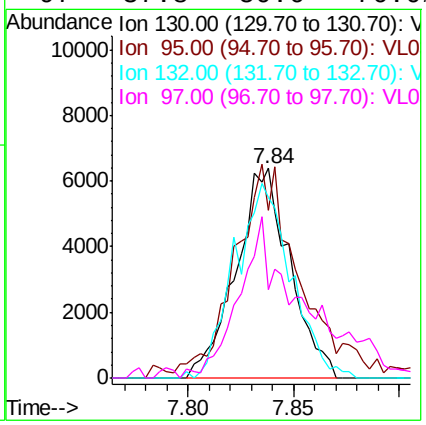


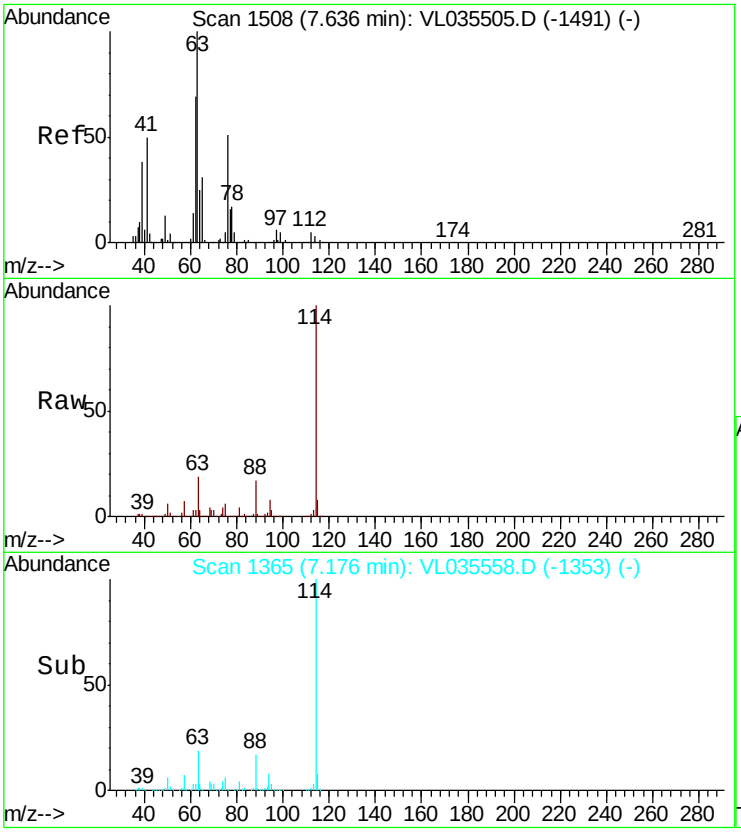


#38
Trichloroethene
Concen: 0.071 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:130 Resp: 11348

Ion	Ratio	Lower	Upper
130	100		
95	73.3	74.6	112.0#
132	83.5	77.6	116.4
97	37.8	50.6	76.0#



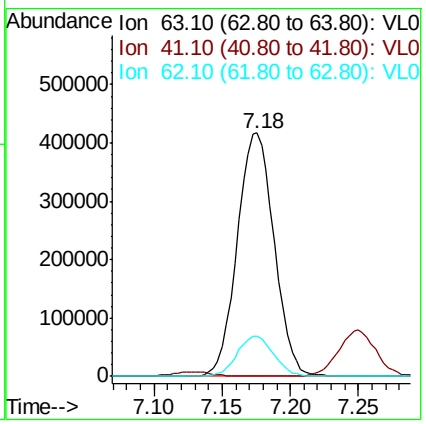


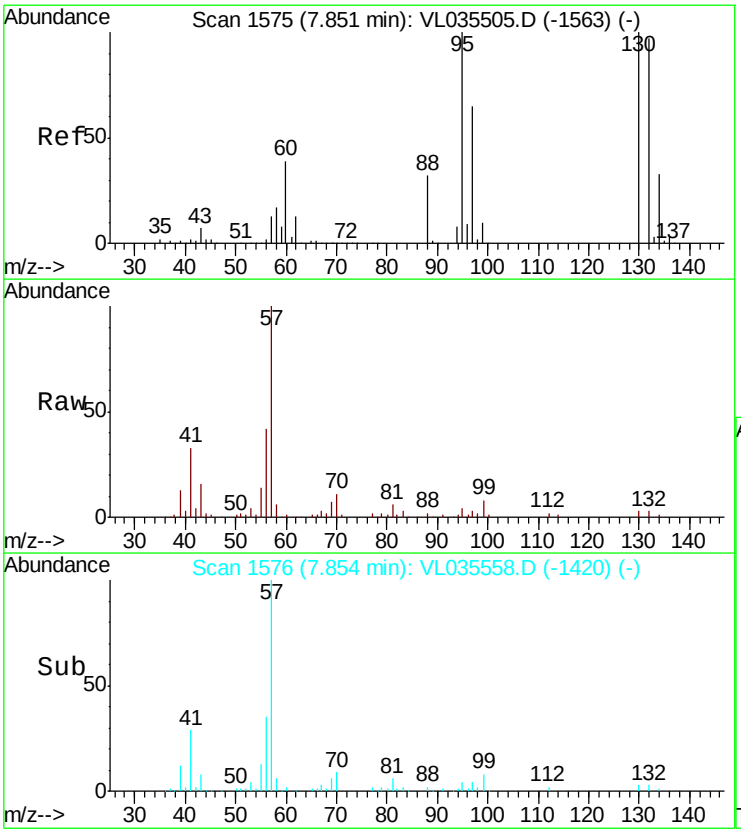
#39
1,2-Dichloropropane
Concen: 8.417 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.46 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 63 Resp: 778987

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.4	55.4	83.0#

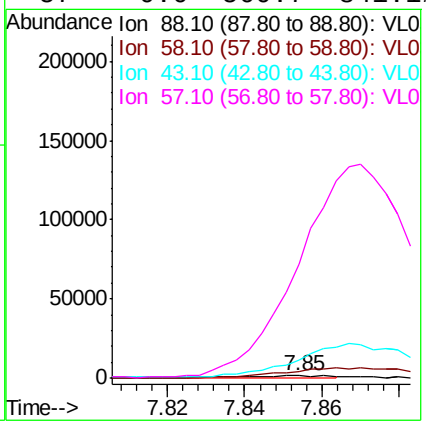


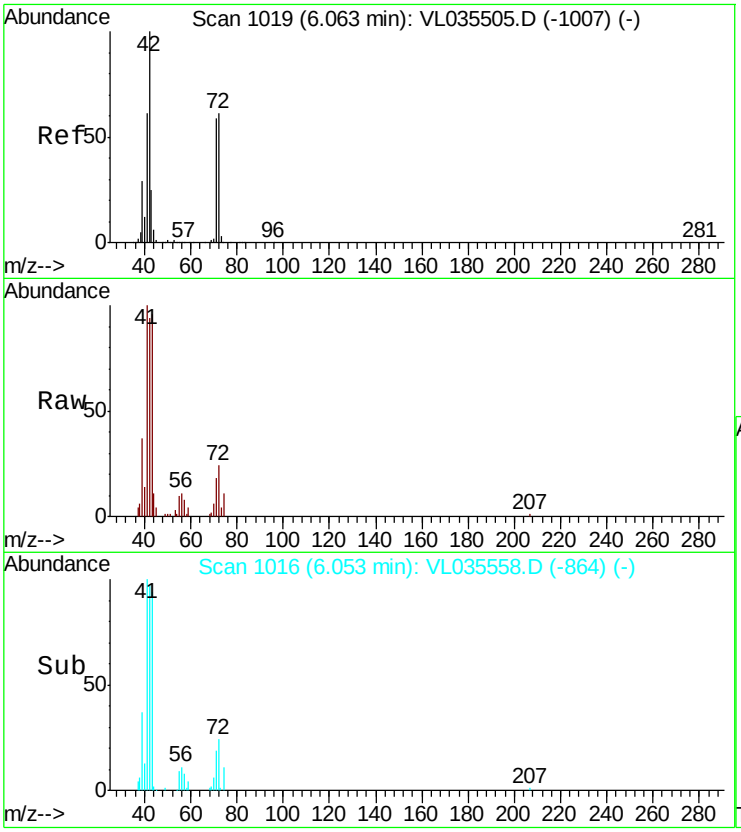


#40
1,4-Dioxane
Concen: 0.049 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 88 Resp: 2254

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.7	103.1#
43	0.0	104.3	156.5#
57	0.0	560.7	841.1#



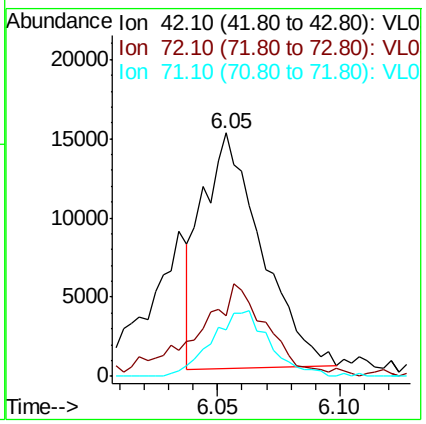


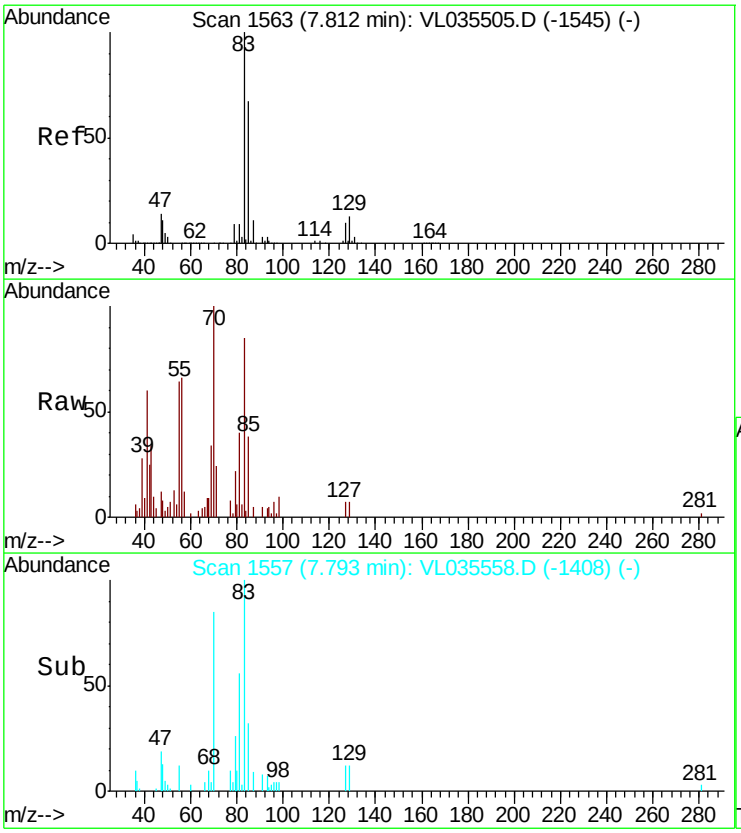
#41
Tetrahydrofuran
Concen: 0.376 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 42 Resp: 25050

Ion	Ratio	Lower	Upper
42	100		
72	48.3	48.6	73.0#
71	27.5	46.1	69.1#

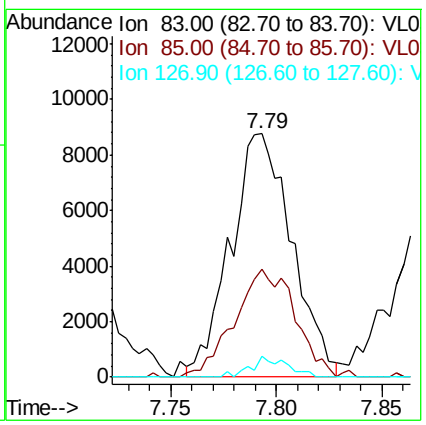


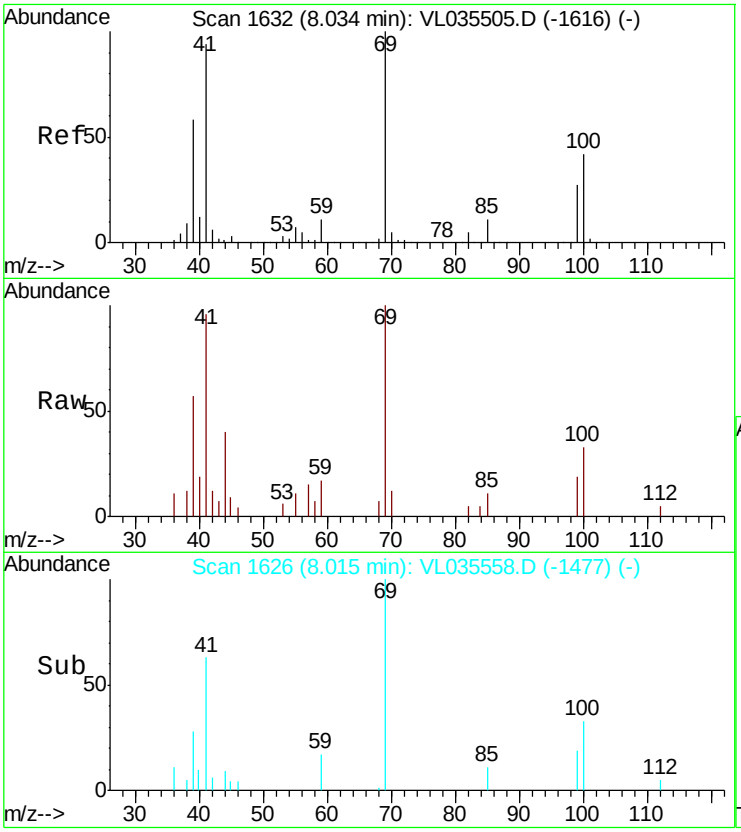


#42
Bromodichloromethane
Concen: 0.084 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 83 Resp: 17772

Ion	Ratio	Lower	Upper
83	100		
85	46.5	53.7	80.5#
127	8.9	8.1	12.1



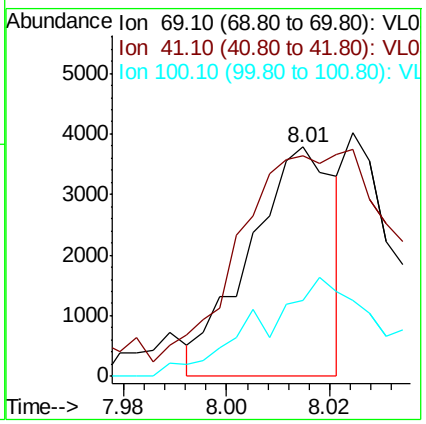


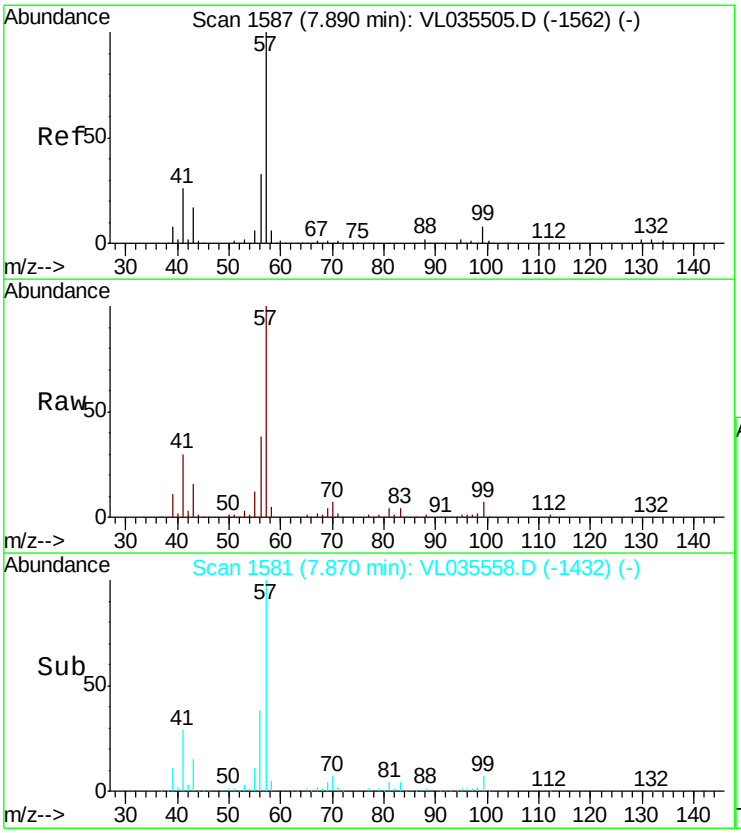
#43
Methyl Methacrylate
Concen: 0.041 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 69 Resp: 4316

Ion	Ratio	Lower	Upper
69	100		
41	0.0	76.6	114.8#
100	65.1	33.8	50.6#

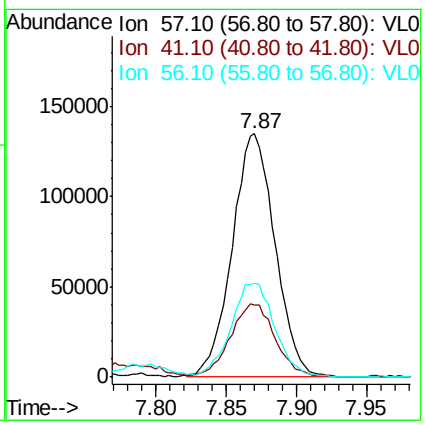


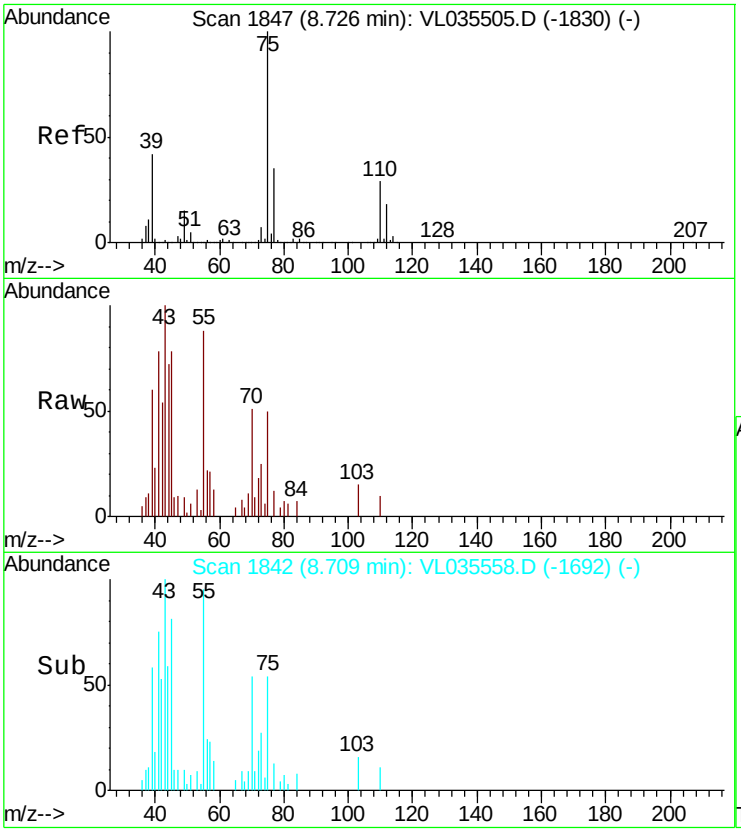


#44
2,2,4-Trimethylpentane
Concen: 0.794 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 57 Resp: 286395

Ion	Ratio	Lower	Upper
57	100		
41	31.0	20.5	30.7#
56	40.1	25.3	37.9#



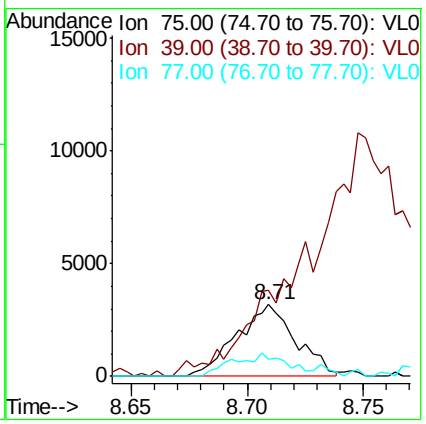


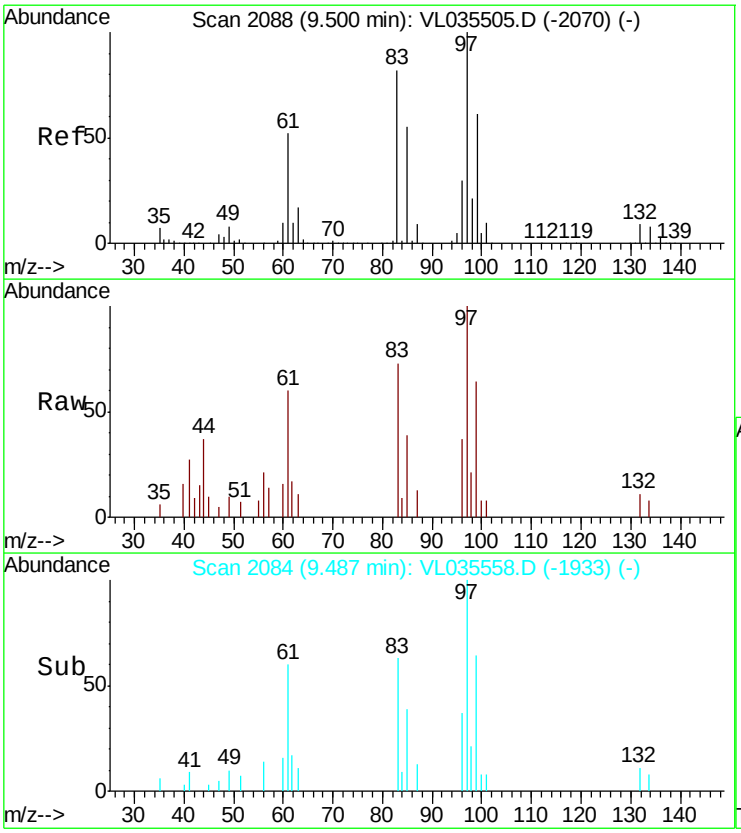
#46
cis-1,3-Dichloropropene
Concen: 0.043 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 75 Resp: 5693

Ion	Ratio	Lower	Upper
75	100		
39	98.1	33.7	50.5#
77	24.6	27.8	41.6#

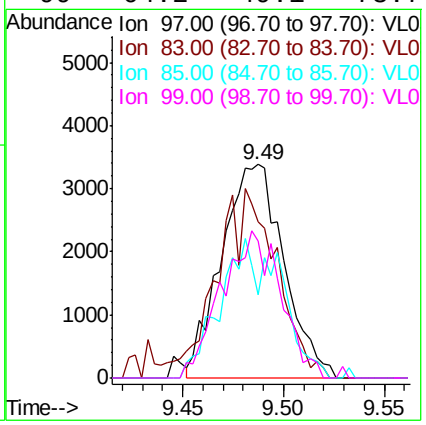


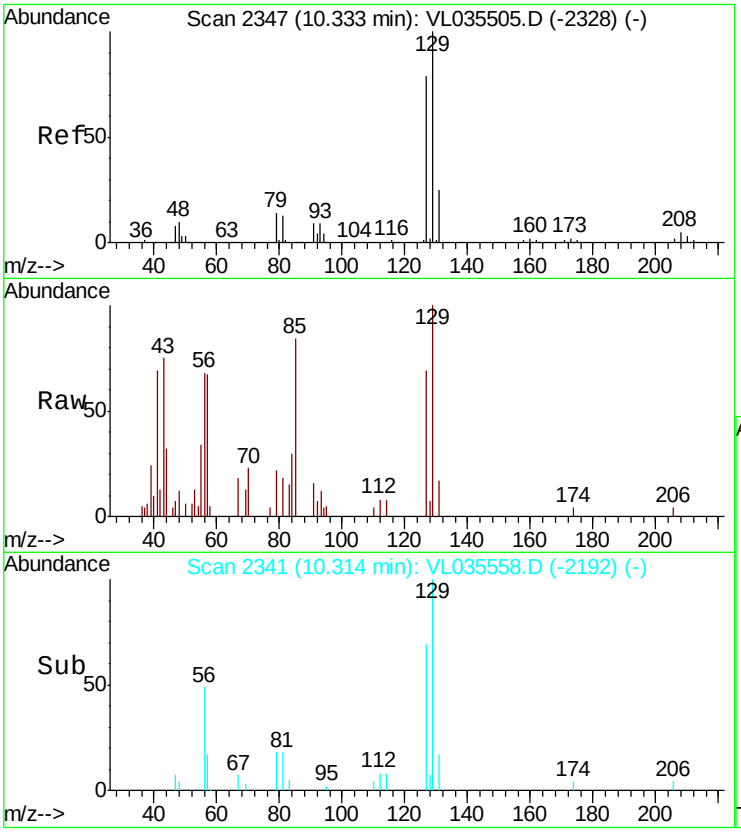


#47
1,1,2-Trichloroethane
Concen: 0.053 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 97 Resp: 7295

Ion	Ratio	Lower	Upper
97	100		
83	73.0	65.4	98.2
85	38.8	43.7	65.5#
99	64.2	49.1	73.7



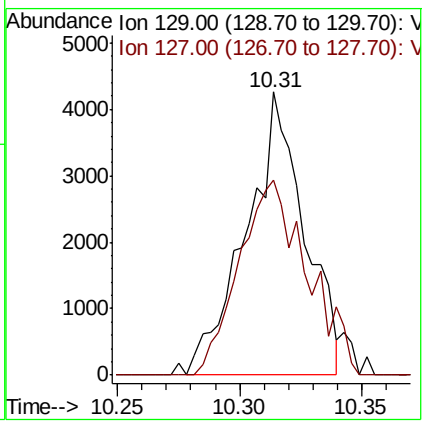


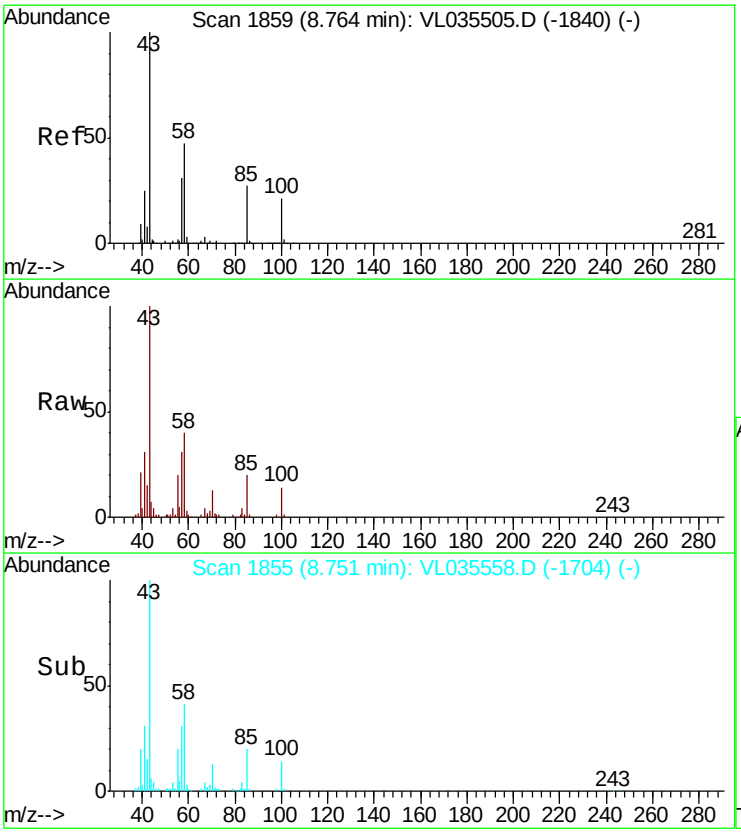
#48
Dibromochloromethane
Concen: 0.033 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:129 Resp: 7029

Ion	Ratio	Lower	Upper
129	100		
127	81.2	39.3	117.8

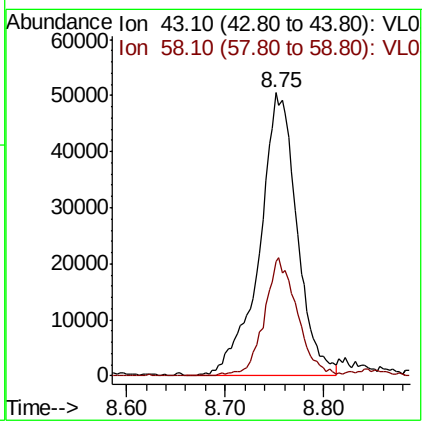


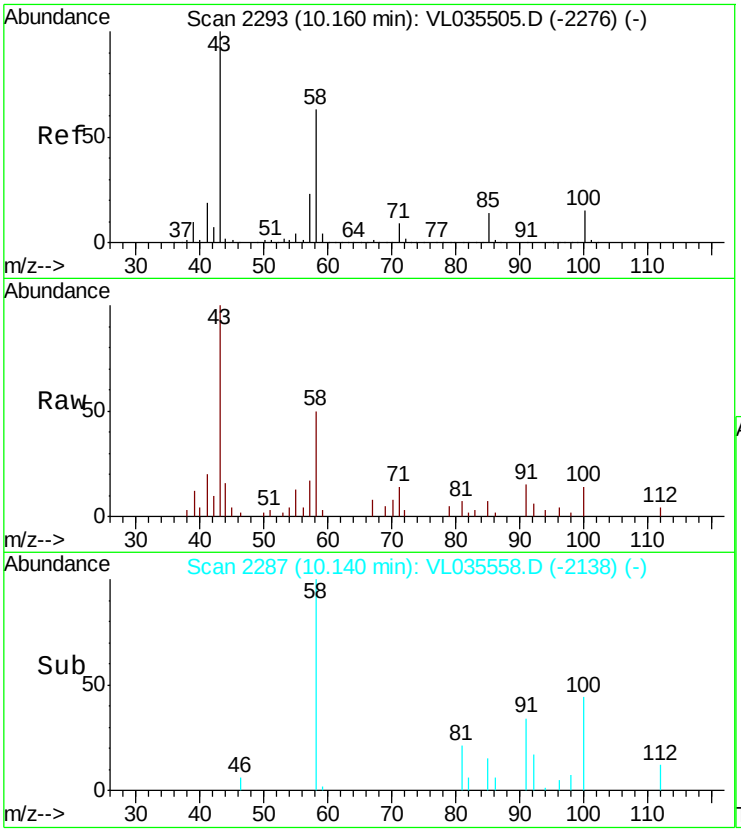


#50
4-Methyl-2-Pentanone
Concen: 0.732 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 43 Resp: 133054

Ion	Ratio	Lower	Upper
43	100		
58	36.4	37.4	56.0#



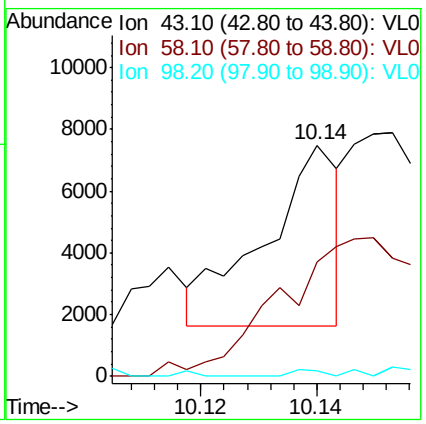


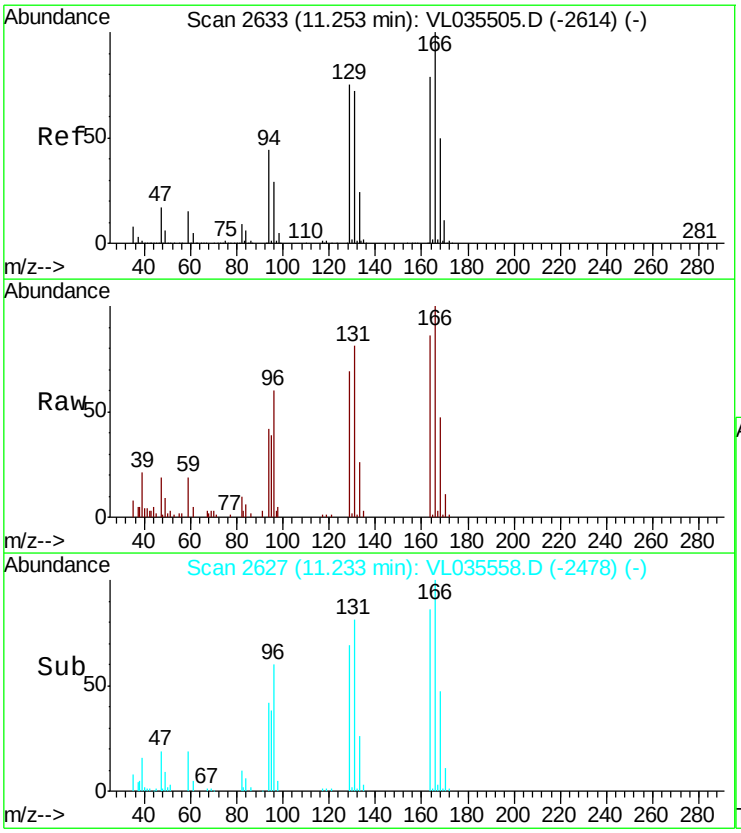
#51
2-Hexanone
Concen: 0.035 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 43 Resp: 5207

Ion	Ratio	Lower	Upper
43	100		
58	0.0	50.2	75.4#
98	0.0	0.4	0.6#

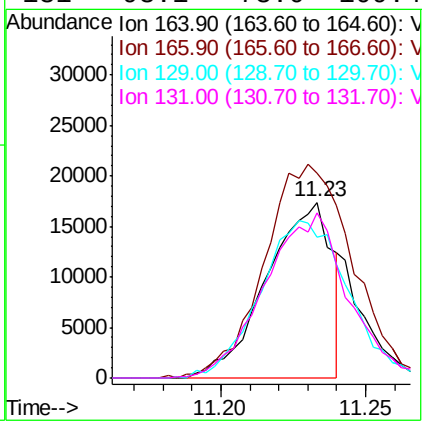


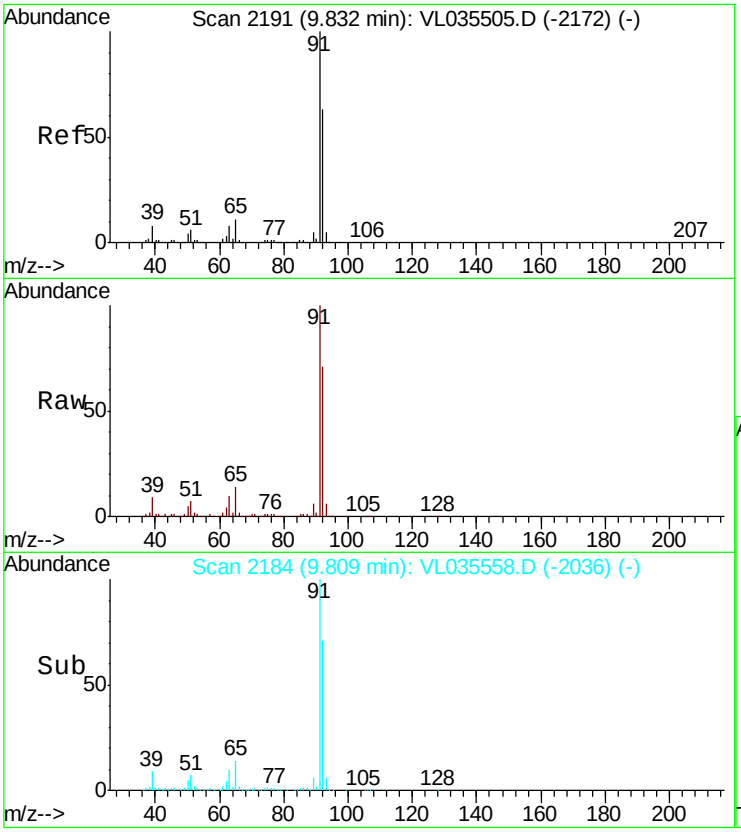


#52
Tetrachloroethene
Concen: 0.169 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:164 Resp: 27048

Ion	Ratio	Lower	Upper
164	100		
166	113.9	100.9	151.3
129	80.1	75.3	112.9
131	93.1	73.0	109.4



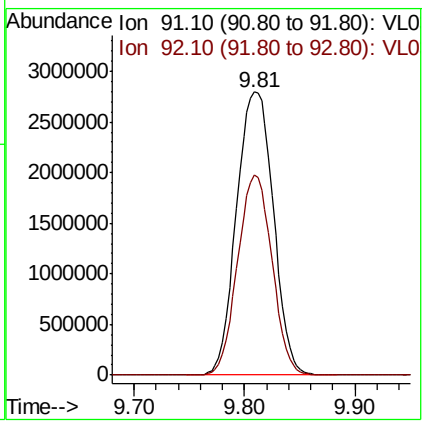


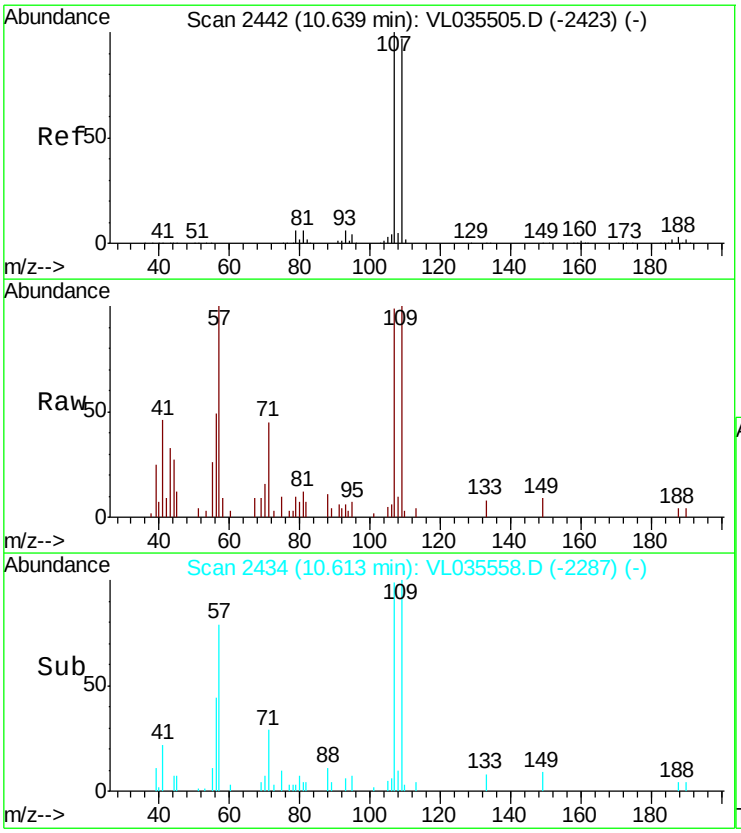
#53
Toluene
Concen: 18.787 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 91 Resp: 6472649

Ion	Ratio	Lower	Upper
91	100		
92	66.1	49.8	74.8

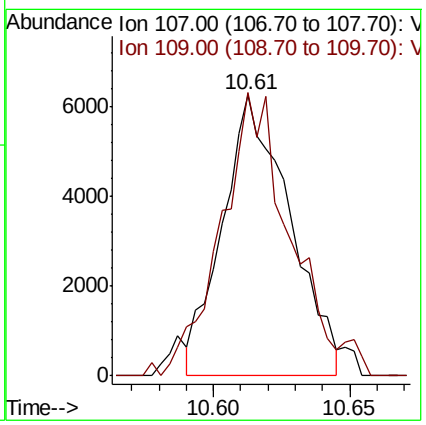


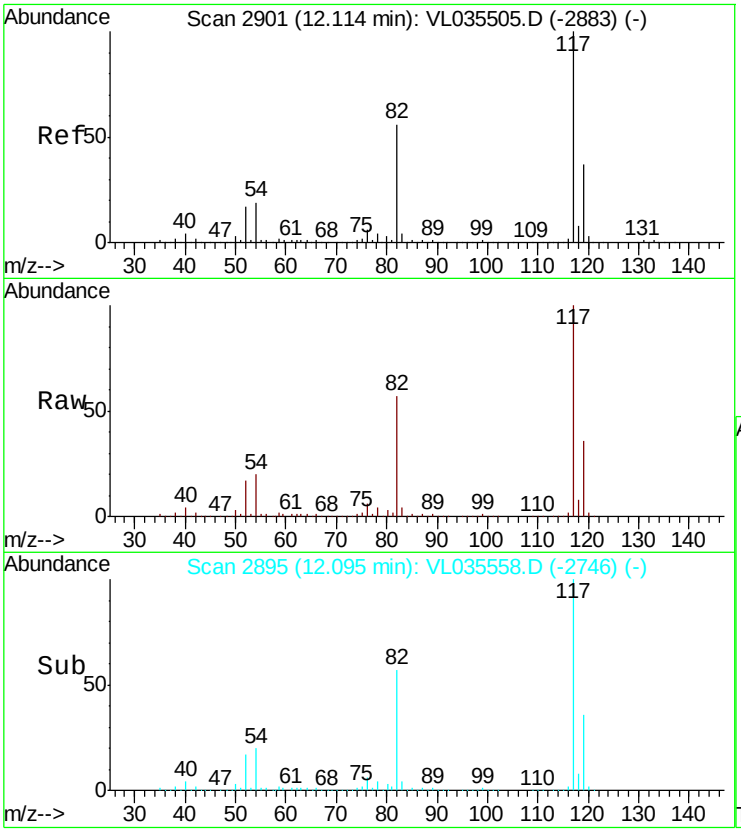


#54
1,2-Dibromoethane
Concen: 0.050 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:107 Resp: 10732

Ion	Ratio	Lower	Upper
107	100		
109	100.3	77.8	116.8



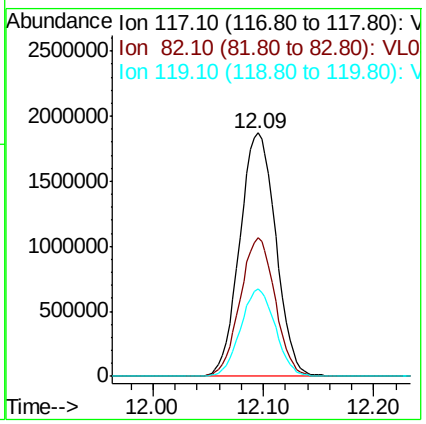


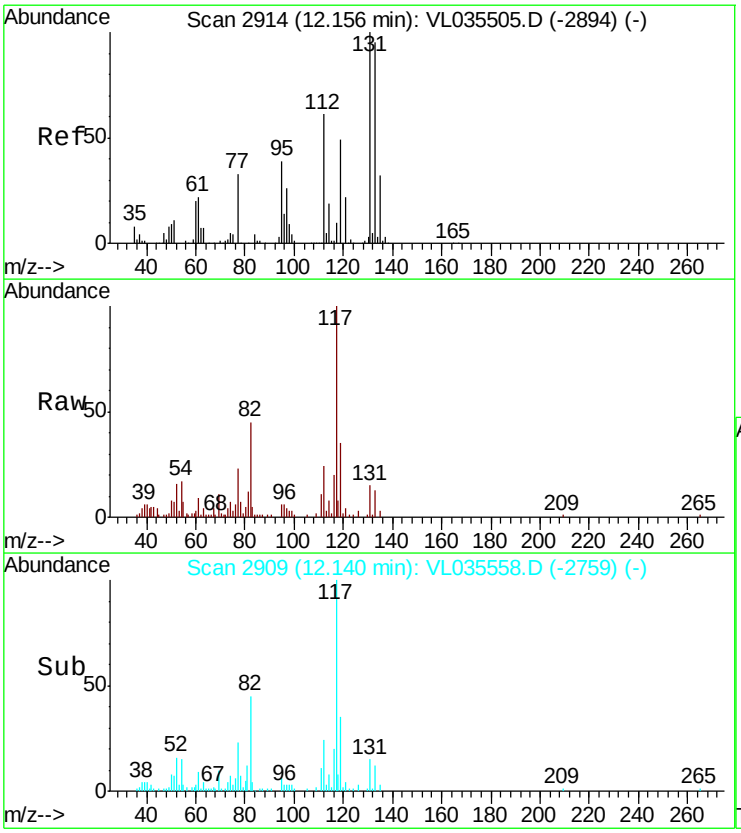
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:117 Resp: 4239176

Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.6	62.4
119	34.7	29.3	43.9

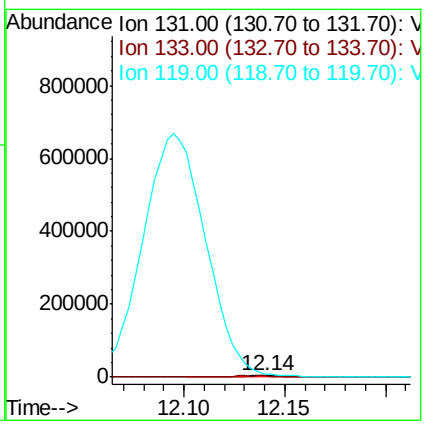


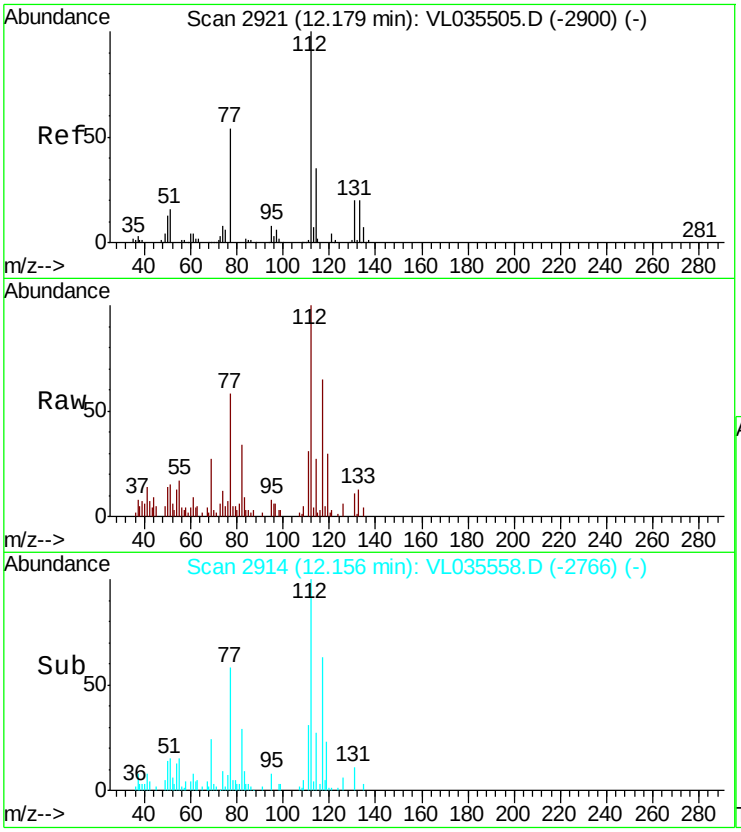


#56
1,1,1,2-Tetrachloroethane
Concen: 0.045 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:131 Resp: 7720

Ion	Ratio	Lower	Upper
131	100		
133	91.3	76.6	115.0
119	19016.7	51.6	77.4#



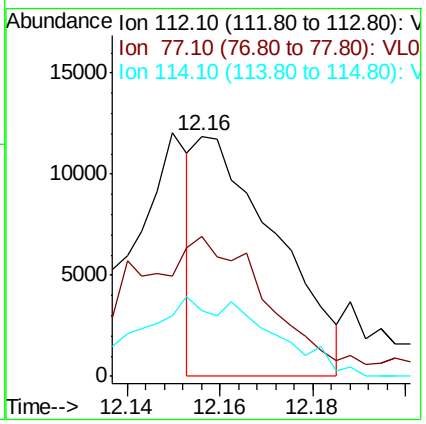


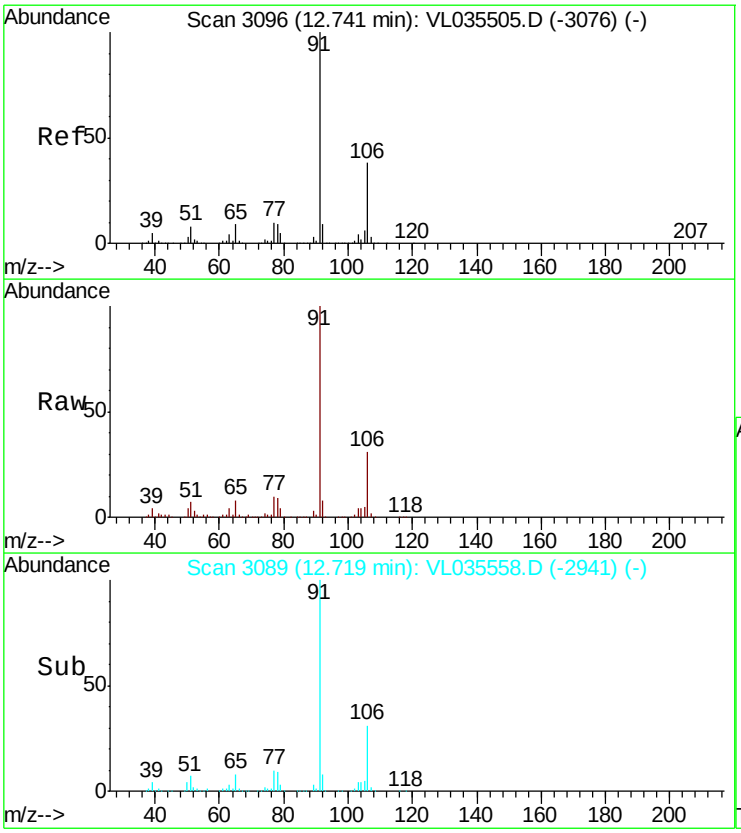
#57
Chlorobenzene
Concen: 0.046 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:112 Resp: 14243

Ion	Ratio	Lower	Upper
112	100		
77	65.7	44.2	66.4
114	32.1	31.6	38.6

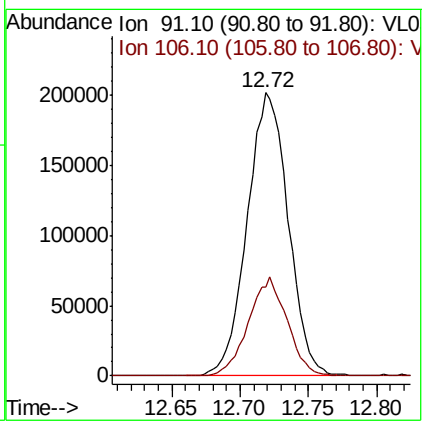


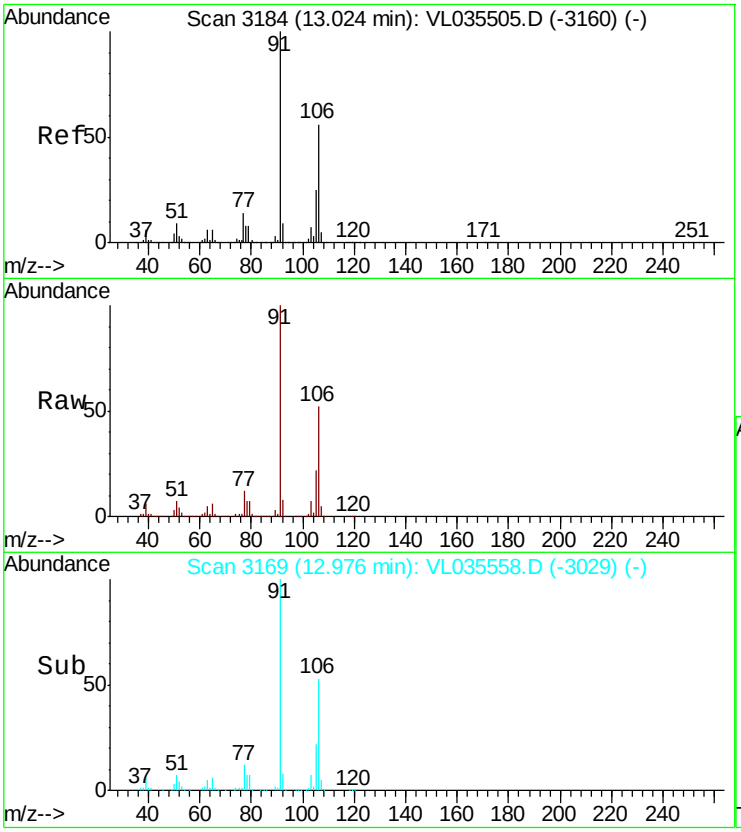


#58
Ethyl Benzene
Concen: 0.961 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 91 Resp: 420116

Ion	Ratio	Lower	Upper
91	100		
106	31.5	30.3	45.5



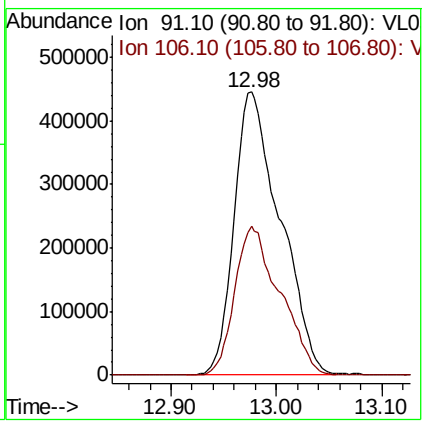


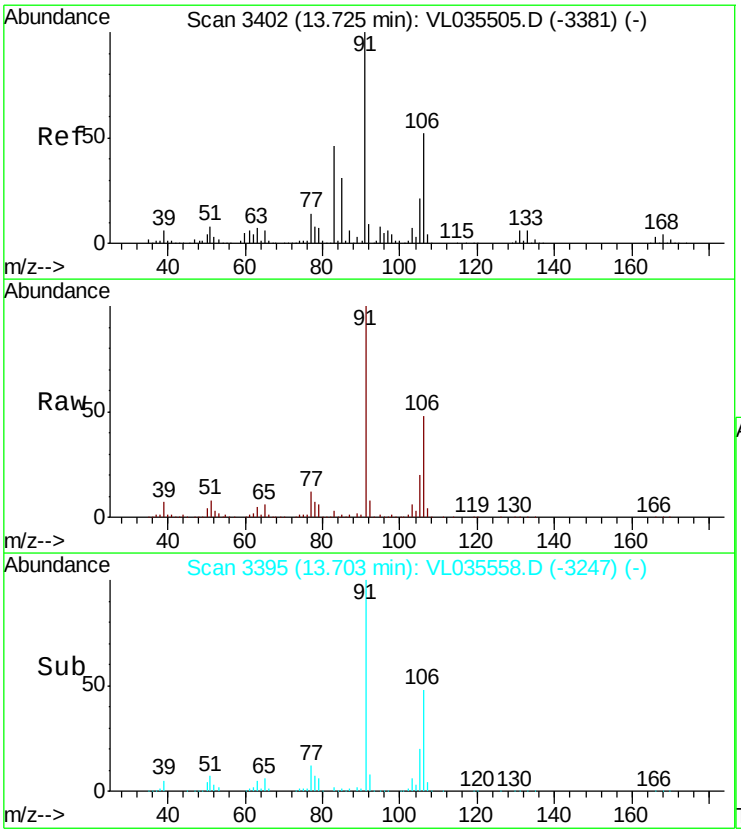
#59
m/p-Xylene
Concen: 3.693 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.05 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 91 Resp: 1348999

Ion	Ratio	Lower	Upper
91	100		
106	51.8	43.4	65.2

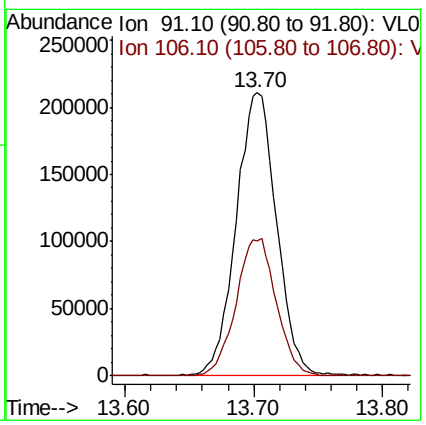


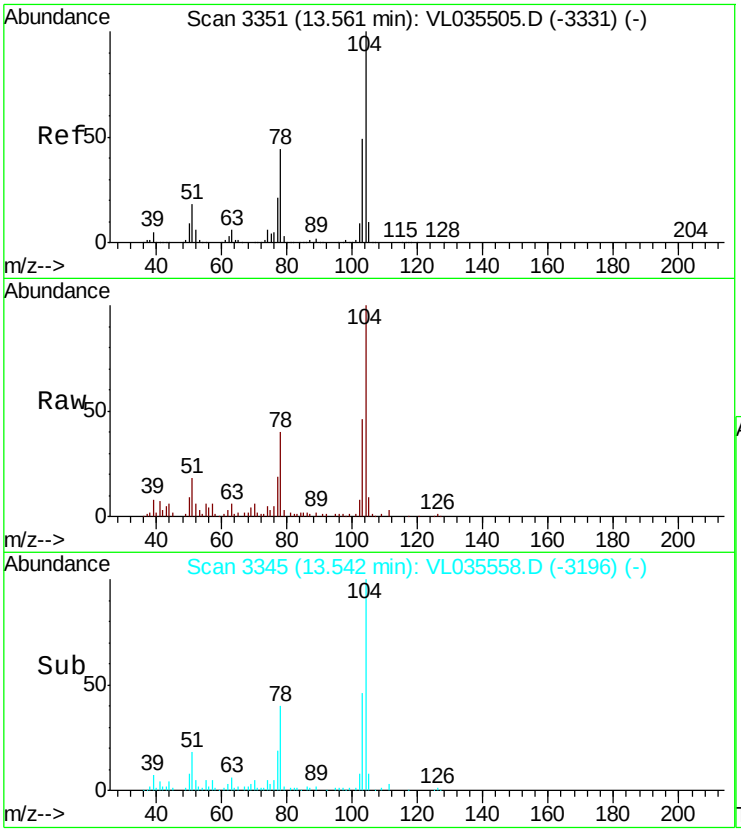


#60
o-Xylene
Concen: 1.235 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 91 Resp: 454396

Ion	Ratio	Lower	Upper
91	100		
106	49.0	25.8	77.4



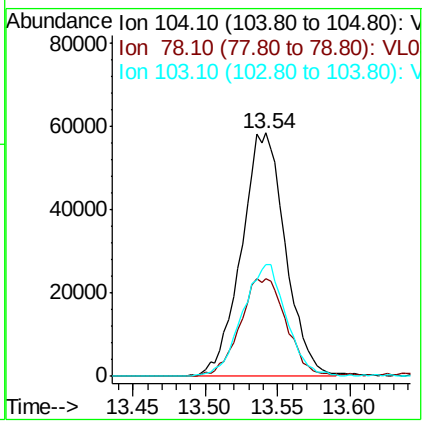


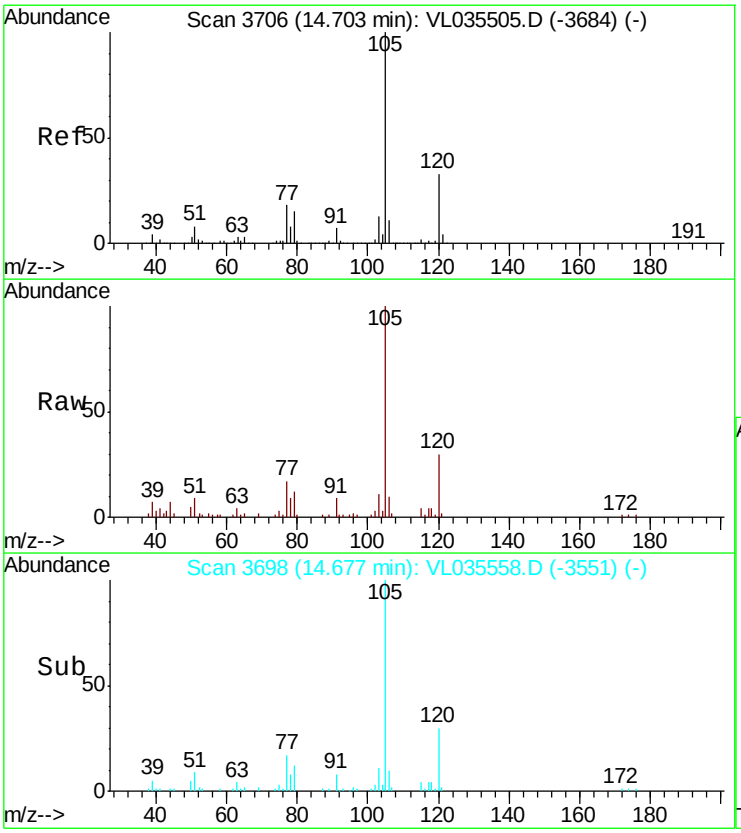
#61
Stvrene
Concen: 0.439 ppbv
RT: 13.54 min Scan# 3345
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion:104 Resp: 123487

Ion	Ratio	Lower	Upper
104	100		
78	42.6	34.8	52.2
103	46.3	38.2	57.4

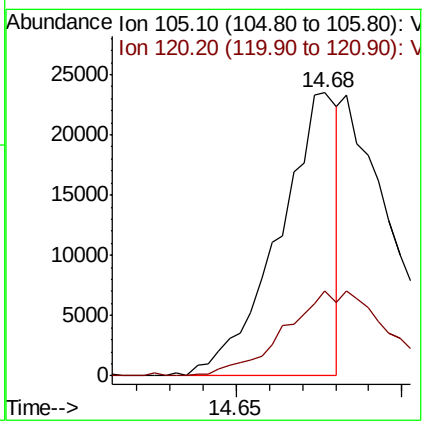


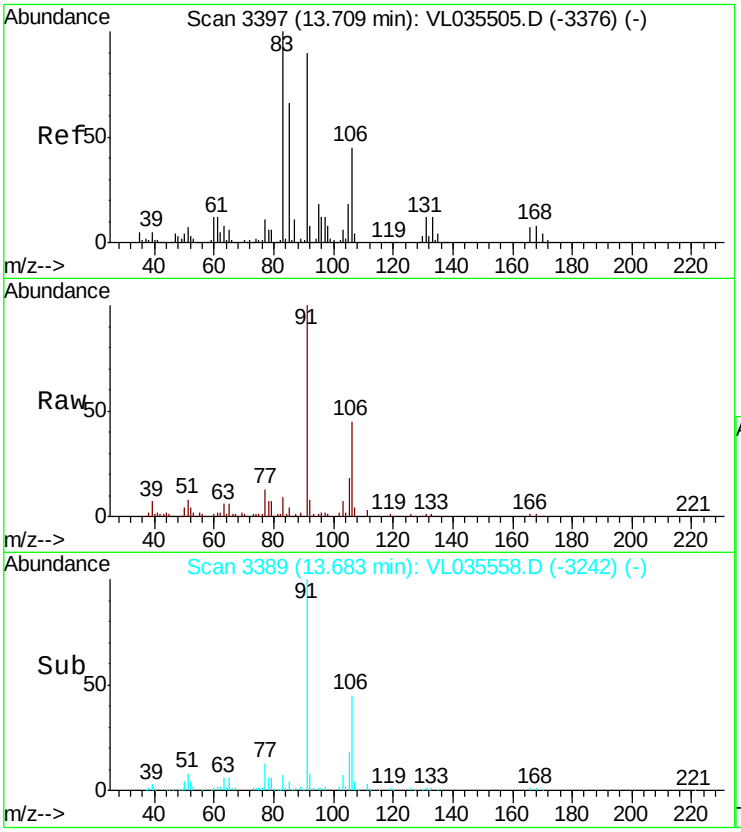


#62
Isopropylbenzene
Concen: 0.049 ppbv
RT: 14.68 min Scan# 3698
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:105 Resp: 29010

Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.0	37.4#



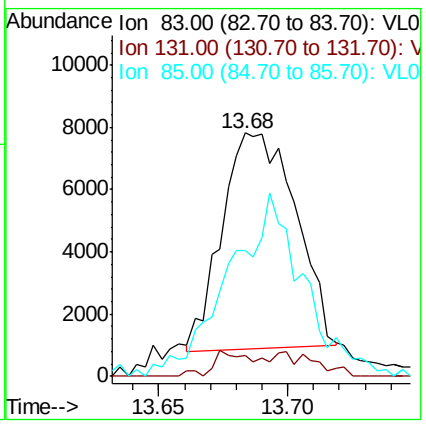


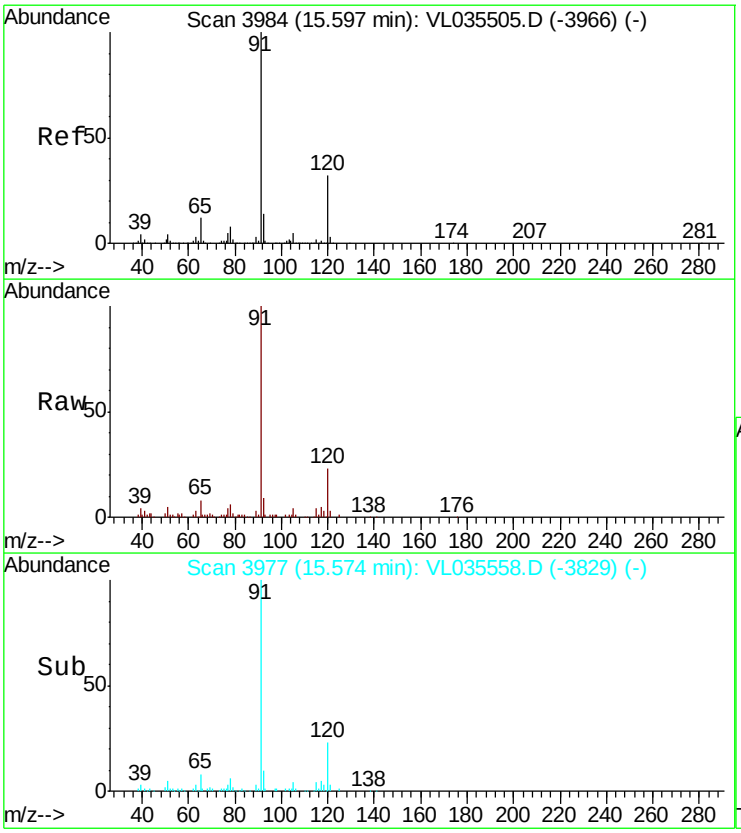
#63
1,1,2,2-Tetrachloroethane
Concen: 0.048 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 83 Resp: 13807

Ion	Ratio	Lower	Upper
83	100		
131	12.9	6.0	18.0
85	87.9	33.4	100.2

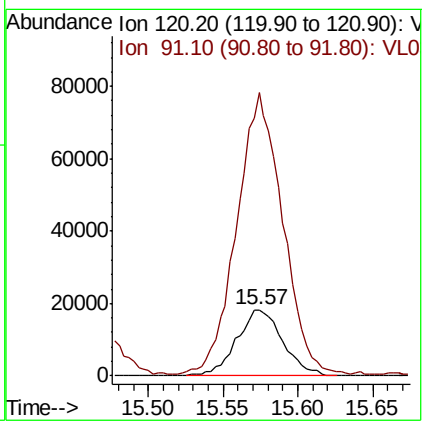


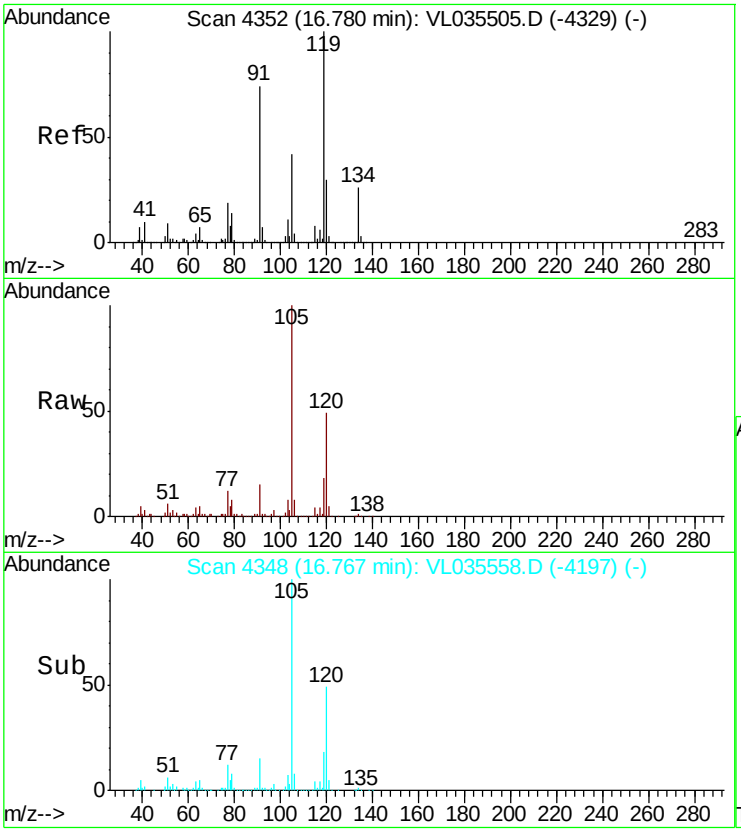


#64
n-propylbenzene
Concen: 0.216 ppbv
RT: 15.57 min Scan# 3977
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:120 Resp: 38921

Ion	Ratio	Lower	Upper
120	100		
91	425.2	279.4	419.0#



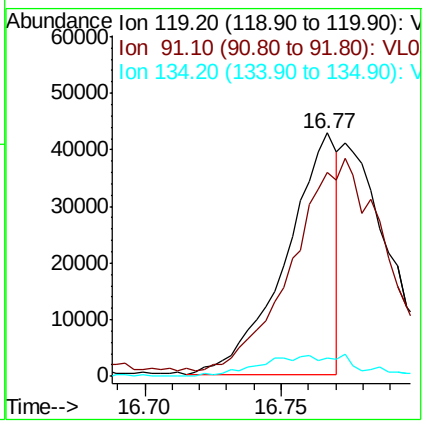


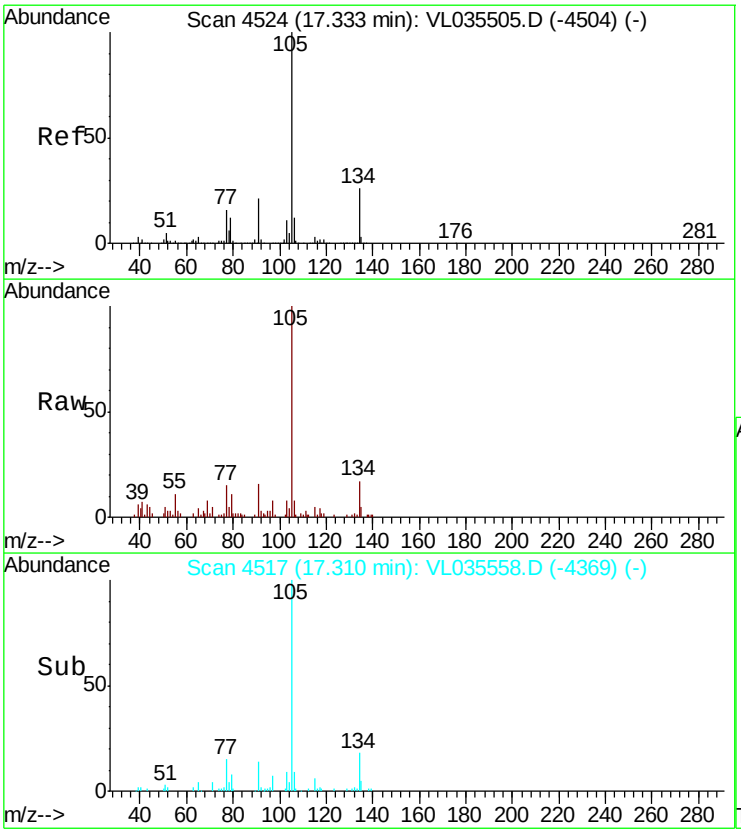
#65
tert-Butylbenzene
Concen: 0.101 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. -0.01 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion:119 Resp: 55380

Ion	Ratio	Lower	Upper
119	100		
91	0.0	58.6	87.8#
134	0.0	18.9	28.3#

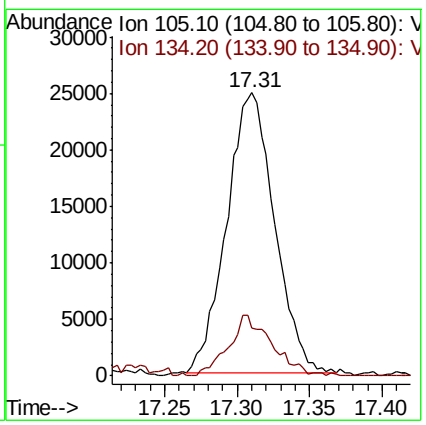


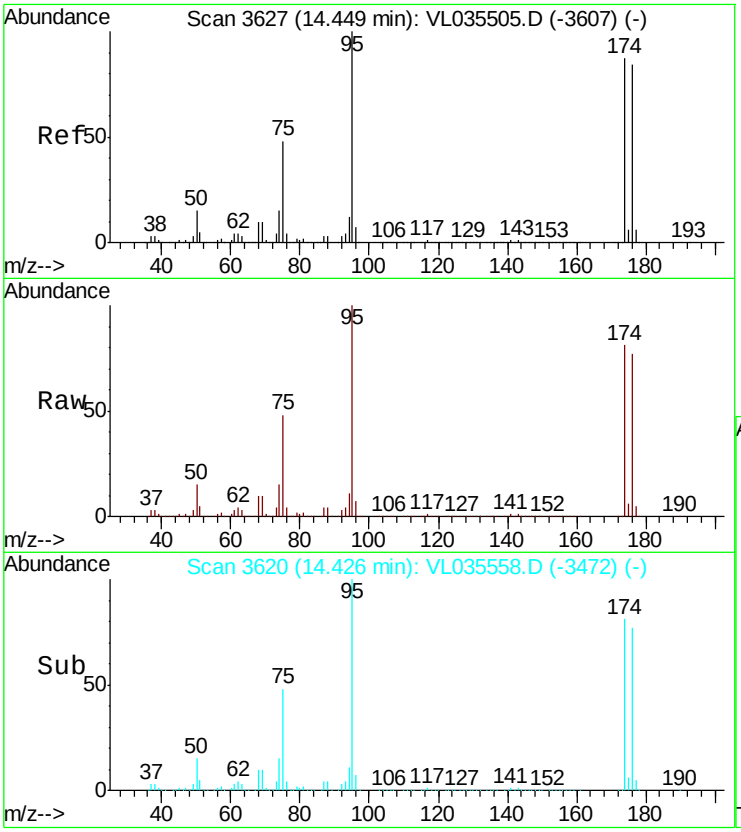


#67
sec-Butylbenzene
Concen: 0.078 ppbv
RT: 17.31 min Scan# 4517
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:105 Resp: 57108

Ion	Ratio	Lower	Upper
105	100		
134	19.6	19.1	28.7



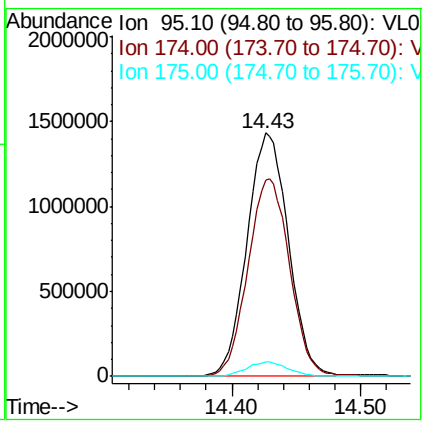


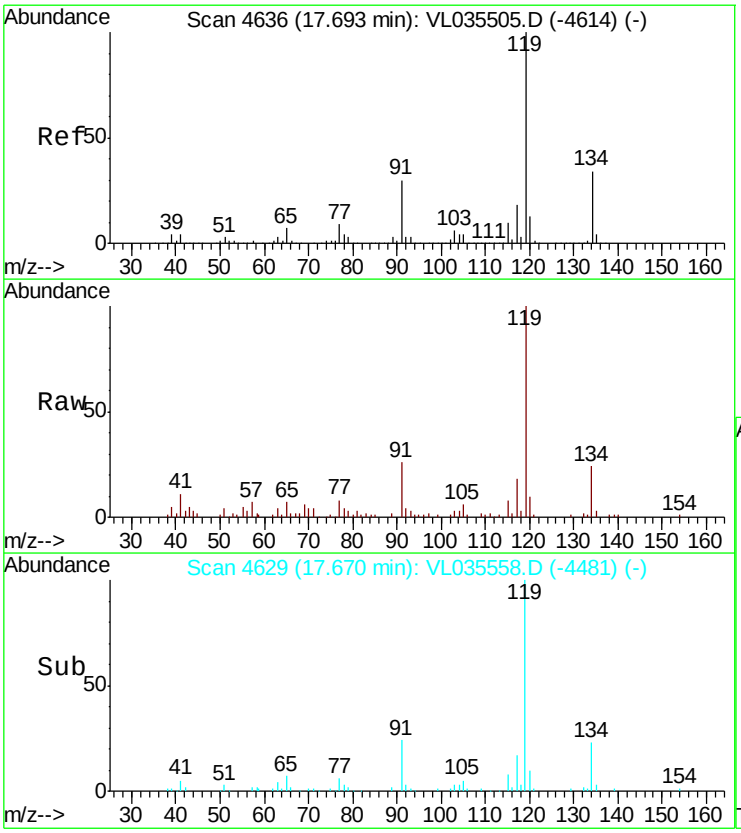
#68
1-Bromo-4-Fluorobenzene
Concen: 10.642 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion: 95 Resp: 3203857

Ion	Ratio	Lower	Upper
95	100		
174	82.4	69.6	104.4
175	5.9	5.1	7.7

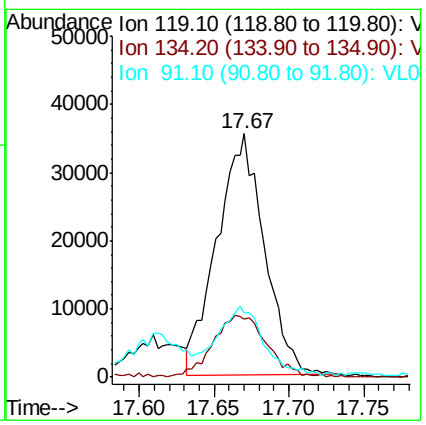


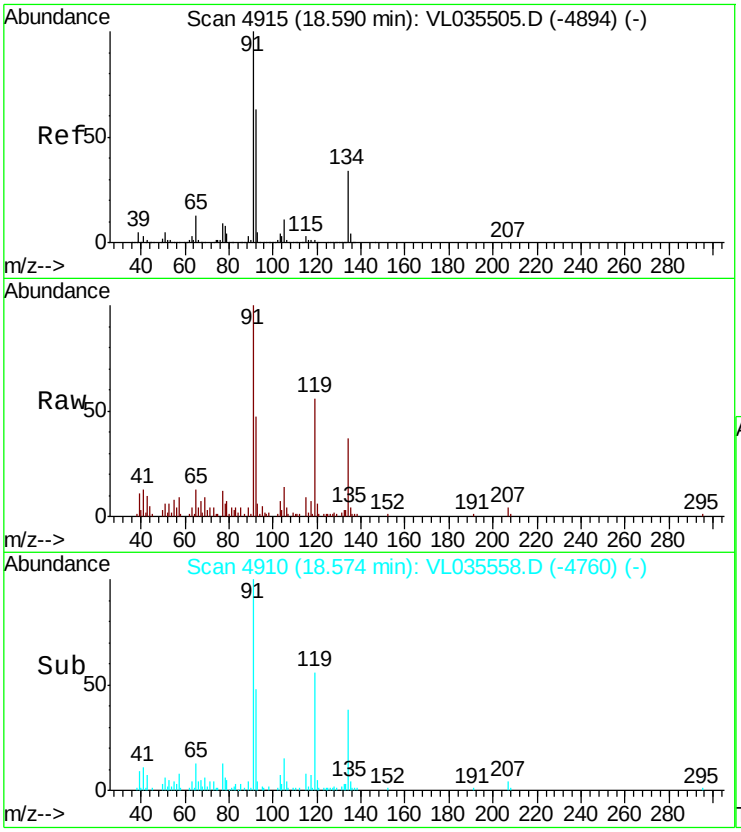


#69
p-Isopropyltoluene
Concen: 0.121 ppbv
RT: 17.67 min Scan# 4629
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:119 Resp: 77533

Ion	Ratio	Lower	Upper
119	100		
134	29.2	25.0	37.4
91	31.8	22.3	33.5



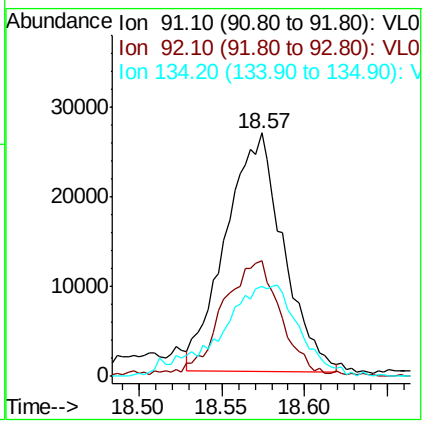


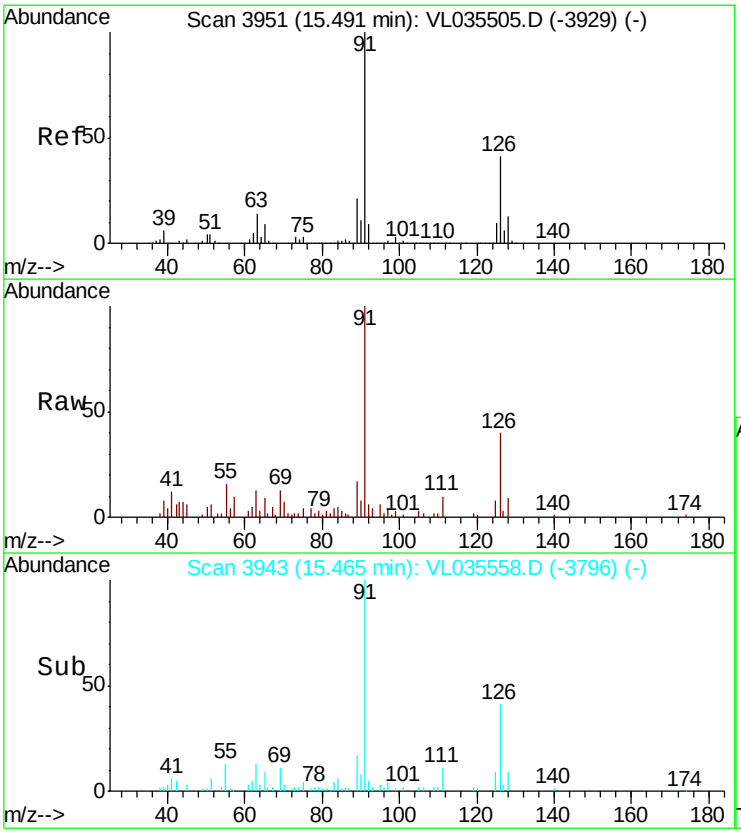
#70
n-Butylbenzene
Concen: 0.104 ppbv
RT: 18.57 min Scan# 4910
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion: 91 Resp: 64363

Ion	Ratio	Lower	Upper
91	100		
92	50.9	47.3	70.9
134	52.4	24.6	37.0#

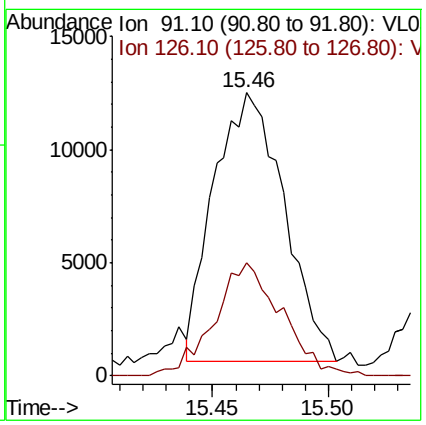


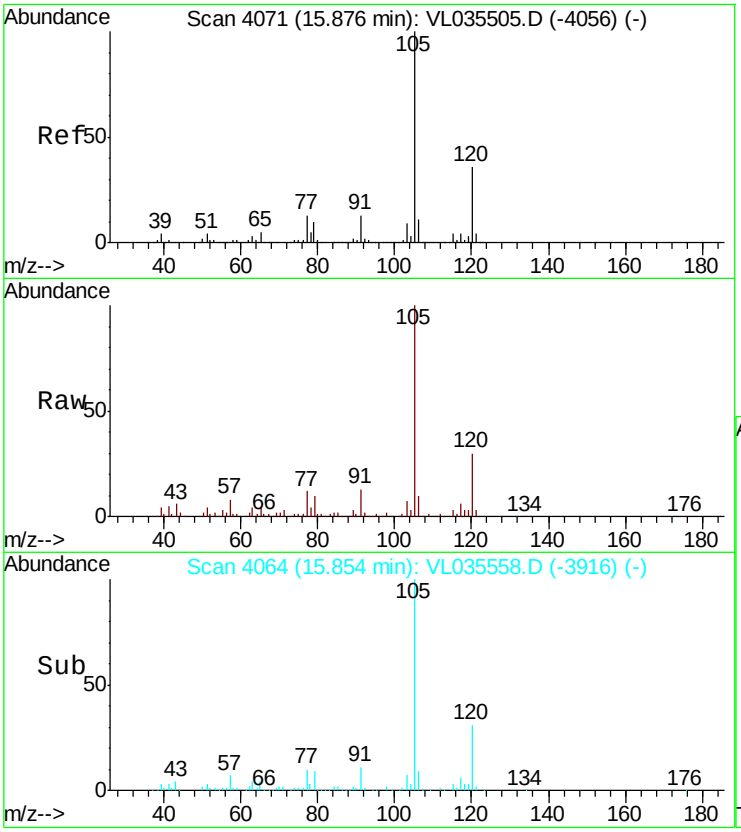


#71
2-Chlorotoluene
Concen: 0.058 ppbv
RT: 15.46 min Scan# 3943
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion: 91 Resp: 25110

Ion	Ratio	Lower	Upper
91	100		
126	39.9	15.6	62.6



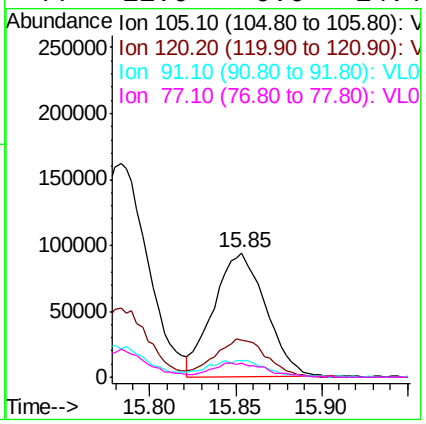


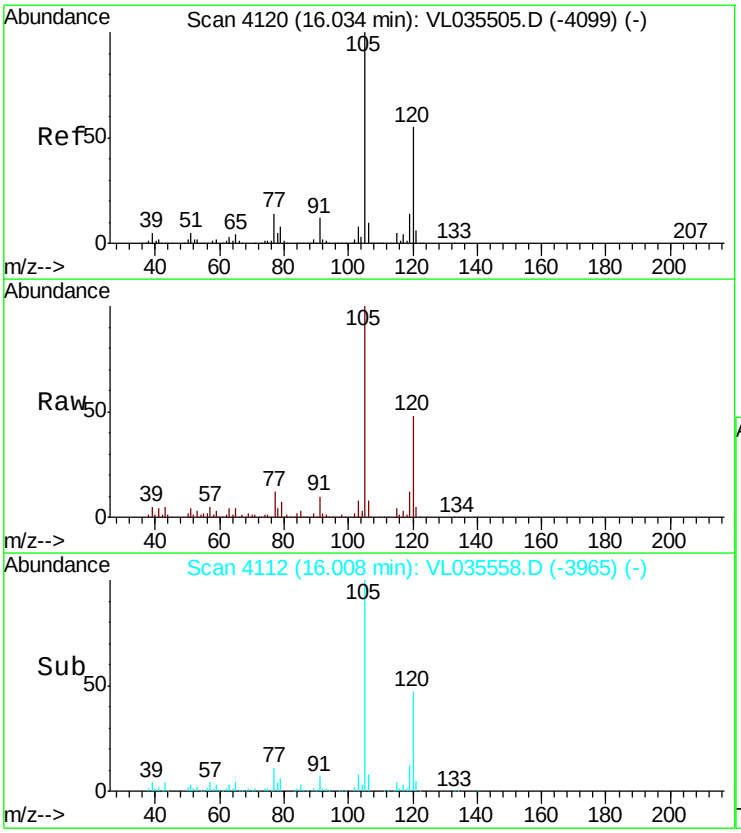
#72
4-Ethyltoluene
Concen: 0.421 ppbv
RT: 15.85 min Scan# 4064
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:105 Resp: 197137

Ion	Ratio	Lower	Upper
105	100		
120	32.5	27.4	41.2
91	14.9	9.7	14.5#
77	11.6	9.6	14.4

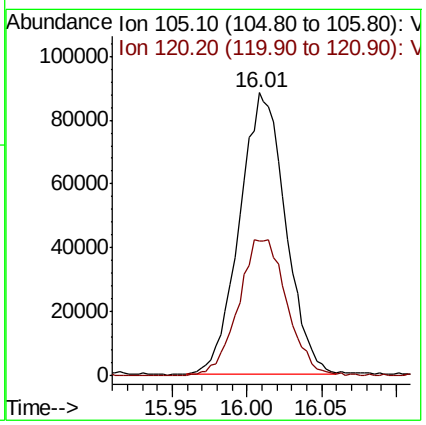


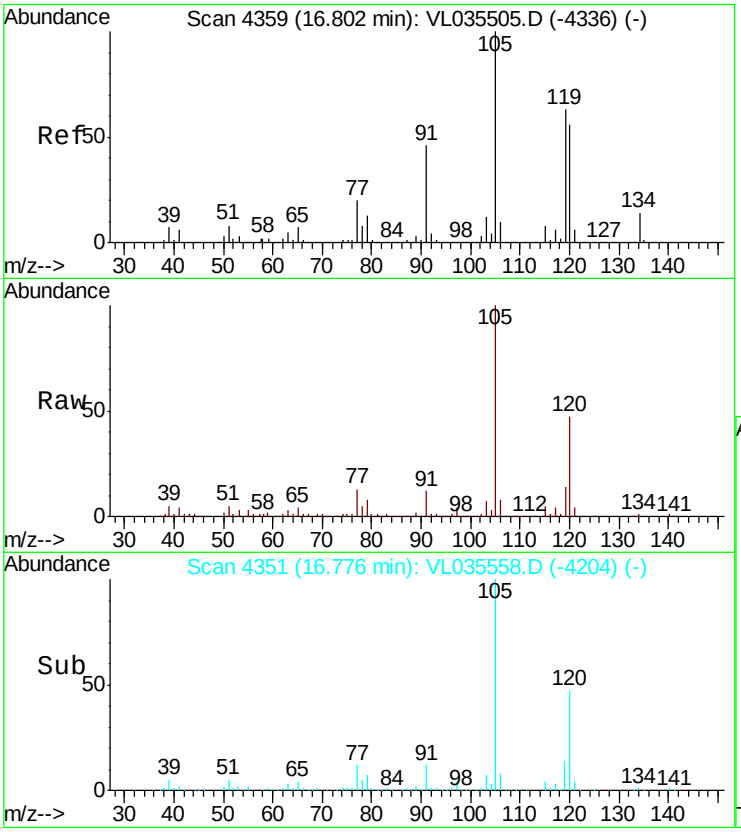


#73
1,3,5-Trimethylbenzene
Concen: 0.438 ppbv
RT: 16.01 min Scan# 4112
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:105 Resp: 189669

Ion	Ratio	Lower	Upper
105	100		
120	47.8	44.2	66.2



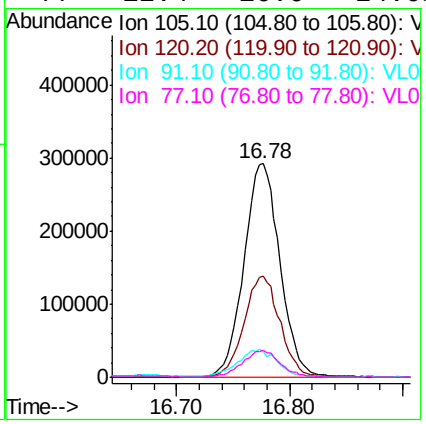


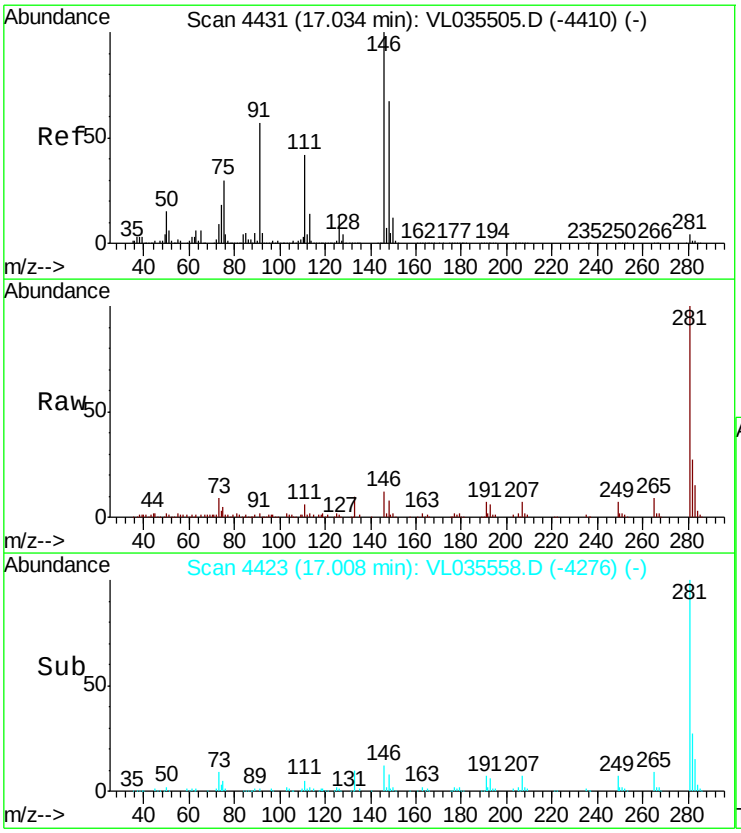
#74
1,2,4-Trimethylbenzene
Concen: 1.360 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:105 Resp: 646139

Ion	Ratio	Lower	Upper
105	100		
120	47.2	44.4	66.6
91	11.9	37.1	55.7#
77	12.4	16.0	24.0#

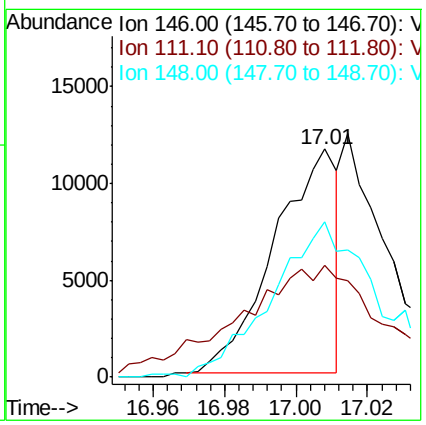


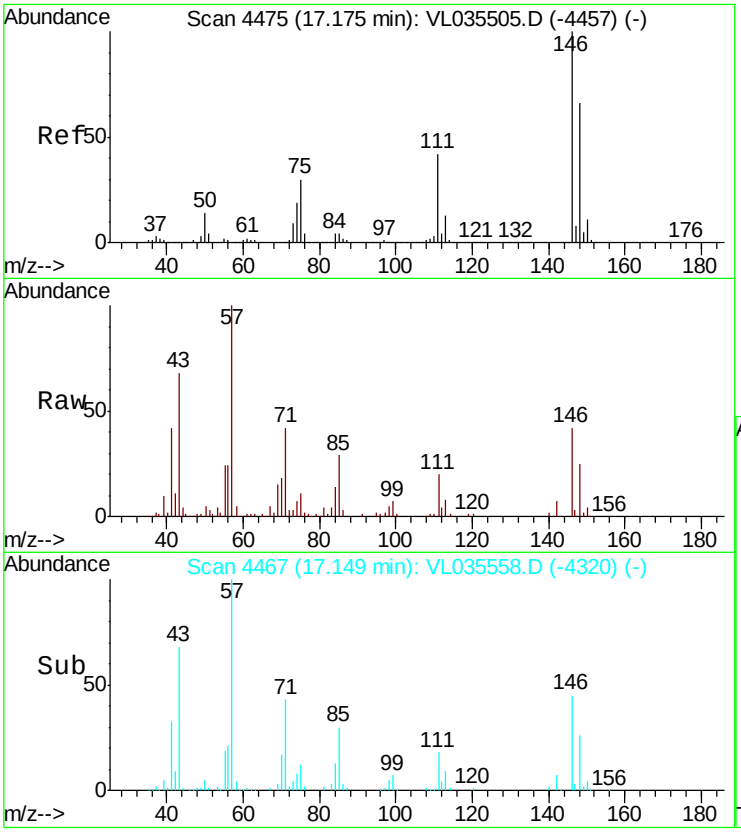


#75
1,3-Dichlorobenzene
Concen: 0.040 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:146 Resp: 14150

Ion	Ratio	Lower	Upper
146	100		
111	109.3	20.7	62.1#
148	119.0	33.0	98.9#



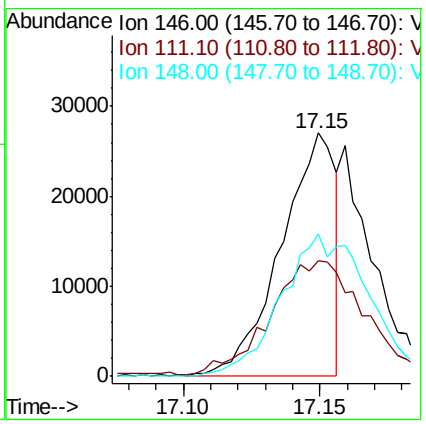


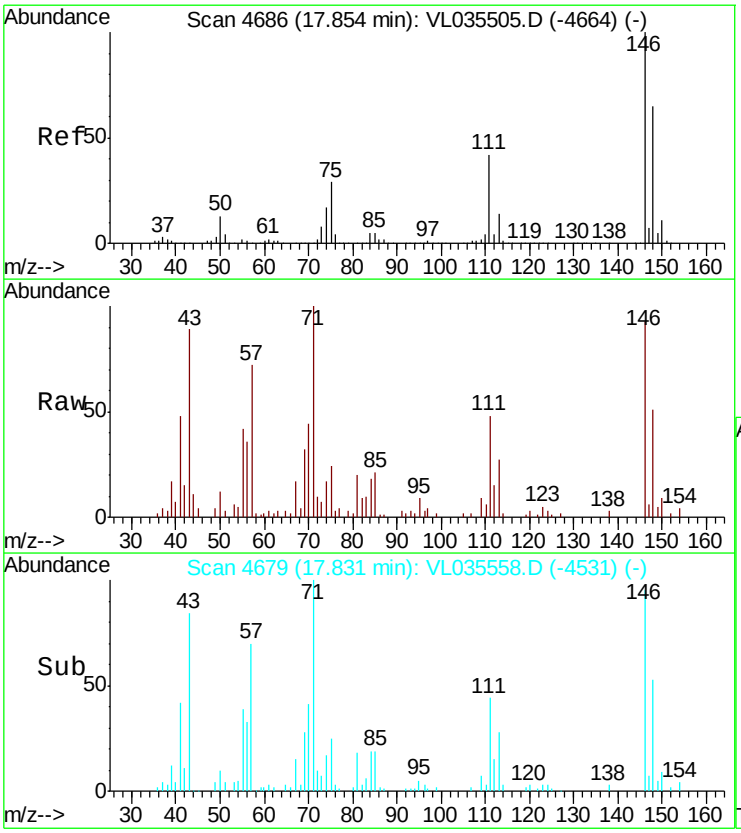
#76
1,4-Dichlorobenzene
Concen: 0.108 ppbv
RT: 17.15 min Scan# 4467
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:146 Resp: 37480

Ion	Ratio	Lower	Upper
146	100		
111	85.9	20.0	60.0#
148	95.9	33.2	99.6

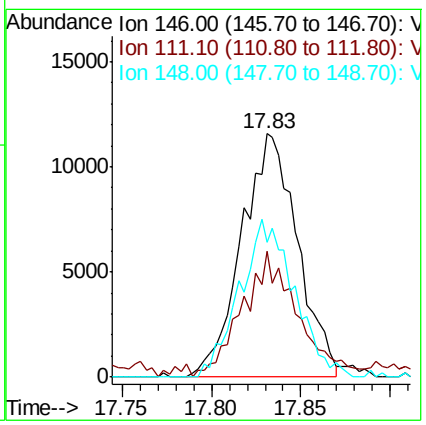


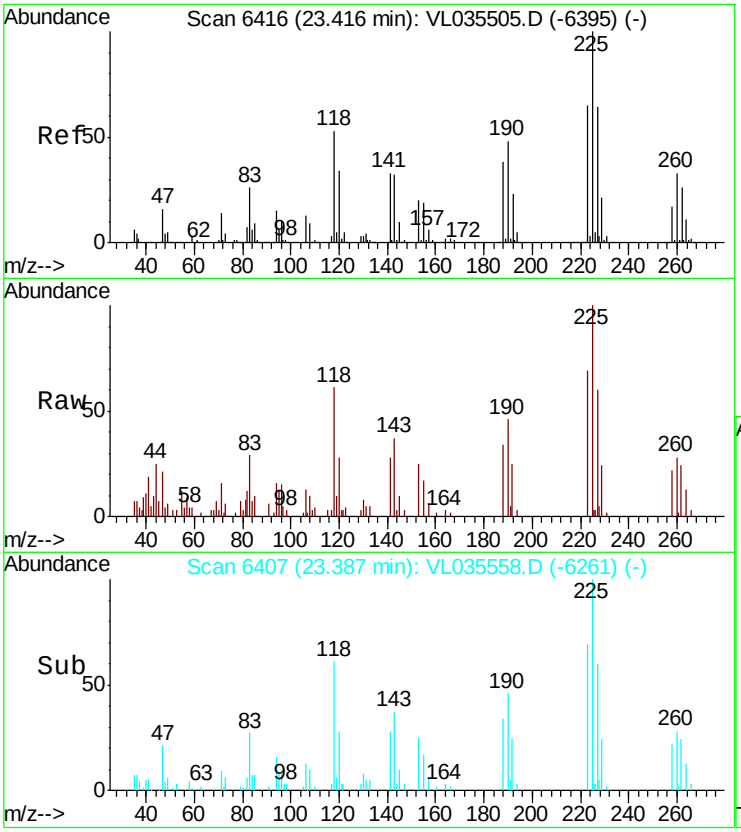


#77
1,2-Dichlorobenzene
Concen: 0.074 ppbv
RT: 17.83 min Scan# 4679
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:146 Resp: 25348

Ion	Ratio	Lower	Upper
146	100		
111	55.8	21.1	63.3
148	63.5	32.9	98.7



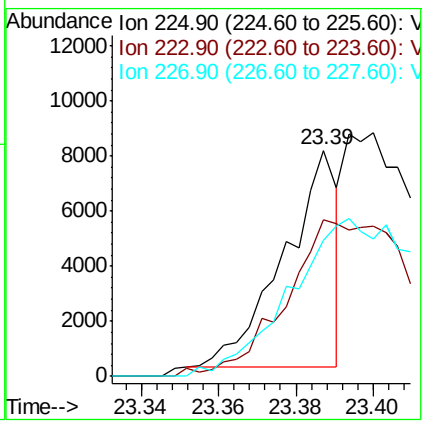


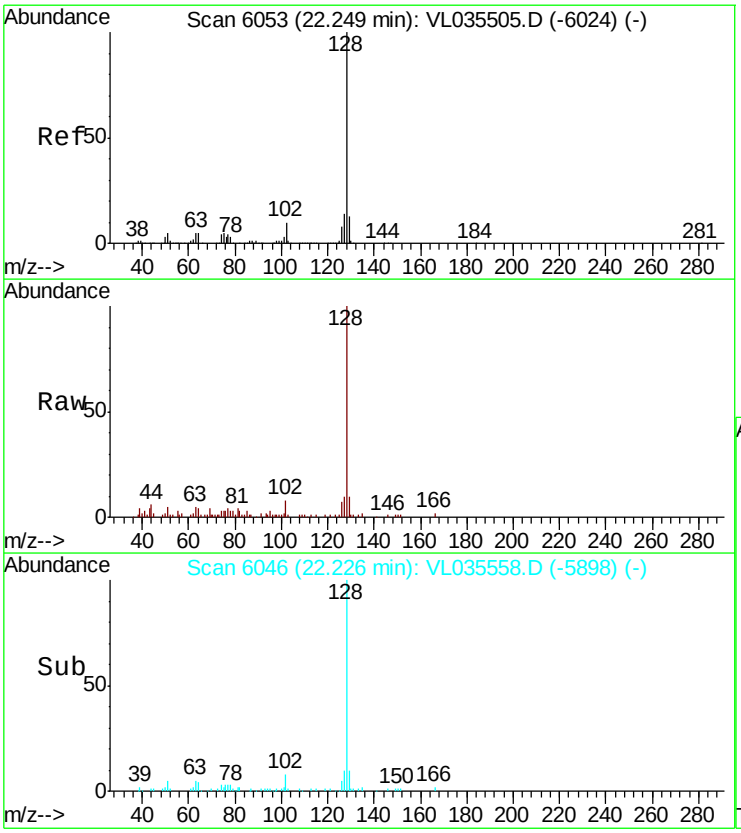
#78
Hexachloro-1,3-Butadiene
Concen: 0.035 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. -0.03 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument : MSVOA_L
ClientSampleId : 01-OFF

Tgt Ion:225 Resp: 7549

Ion	Ratio	Lower	Upper
225	100		
223	183.8	51.7	77.5#
227	0.0	51.5	77.3#

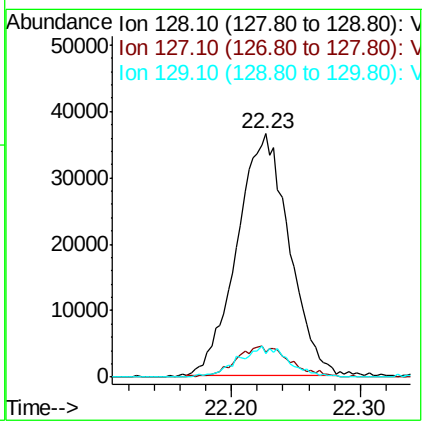


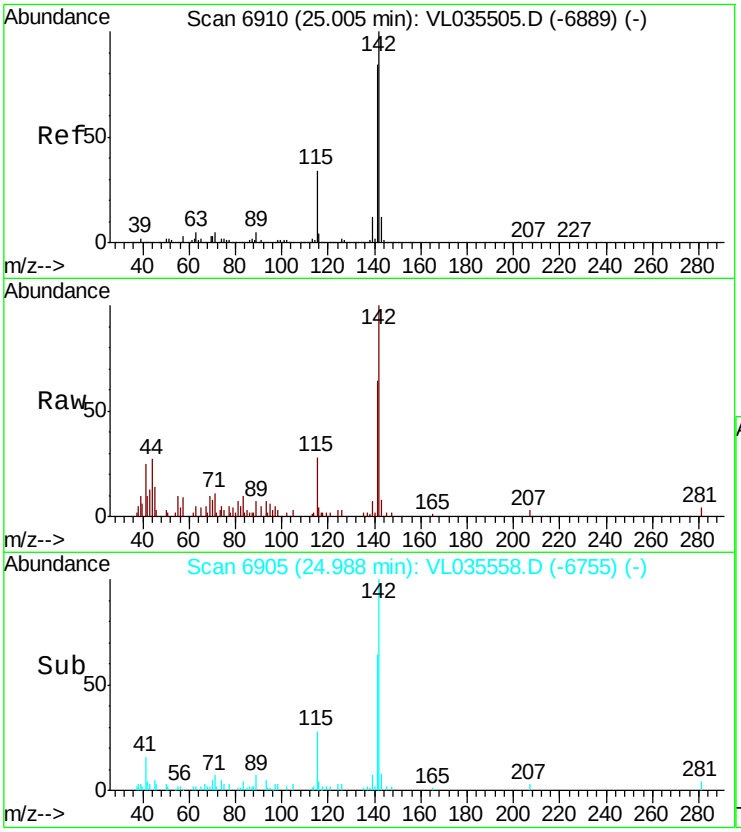


#79
Naphthalene
Concen: 0.195 ppbv
RT: 22.23 min Scan# 6046
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Tgt Ion:128 Resp: 102691

Ion	Ratio	Lower	Upper
128	100		
127	10.0	11.4	17.2#
129	9.6	10.5	15.7#





#80
Naphthalene,2-methyl-
Concen: 0.111 ppbv
RT: 24.99 min Scan# 6905
Delta R.T. -0.02 min
Lab File: VL035558.D
Acq: 8 Sep 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
01-OFF

Tgt Ion:142 Resp: 20056

Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.6	101.4
115	40.7	25.8	38.8#