Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101620\
Data File : VL035786.D
Acq On : 16 Oct 2020 15:14
Operator : SY/AP
Sample : L4450-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 17 03:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	997156	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.18	114	3963079	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.09	117	3935439	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2991166	10.14	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	38322	0.234	ppbv		98
3) Chlorodifluoromethane	2.98	51	1214857	11.325	ppbv		91
4) Chloromethane	3.13	50	28151	0.488	ppbv		93
7) Chloroethane	3.55	64	1504	0.060	ppbv		95
9) Propene	3.00	41	100437	2.579	ppbv		87
10) Heptane	8.13	43	85858	0.791	ppbv		100
11) Trichlorofluoromethane	3.94	101	261326	1.119	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.48	101	17652	0.101	ppbv		99
13) Ethanol	3.60	45	935022	97.344	ppbv		100
15) Acetone	3.84	43	2010296	18.736	ppbv		100
16) 1,3-Butadiene	3.29	39	203189	5.176	ppbv	#	1
17) tert-Butyl alcohol	4.29	59	239441	2.049	ppbv		99
18) 1,1-Dichloroethene	4.28	96	2484	0.033	ppbv		99
19) Isopropyl Alcohol	3.96	45	991262	16.983	ppbv		98
20) Methylene Chloride	4.33	84	1158367	14.697	ppbv		97
21) Allyl Chloride	4.33	41	18034	0.347	ppbv	#	13
22) trans-1,2-Dichloroethene	4.88	96	65506	0.814	ppbv		98
23) Vinyl Acetate	5.05	43	100208	0.763	ppbv	#	31
25) Ethyl Acetate	5.68	43	3091851	16.014	ppbv	#	72
26) Hexane	5.69	57	5402720	51.066	ppbv	#	48
27) Carbon Disulfide	4.54	76	1830881	11.610	ppbv		100
29) Chloroform	5.74	83	290247	1.351	ppbv		96
30) Cyclohexane	7.13	84	18156	0.174	ppbv	#	19
31) cis-1,2-Dichloroethene	5.54	61	73672	0.721	ppbv		93
34) 2-Butanone	5.25	43	48728	0.372	ppbv		95
35) Carbon Tetrachloride	7.02	117	8689	0.042	ppbv	#	96
36) Benzene	6.89	78	60851	0.236	ppbv		92
38) Trichloroethene	7.84	130	8408721	65.274	ppbv		95
39) 1,2-Dichloropropane	7.84	63	37549	0.401	ppbv	#	1
41) Tetrahydrofuran	6.32	42	23347	0.354	ppbv	#	23
42) Bromodichloromethane	7.79	83	19458	0.090	ppbv		88
43) Methyl Methacrylate	8.02	69	4277	0.042	ppbv		95
44) 2,2,4-Trimethylpentane	7.87	57	11499	0.031	ppbv	#	1
47) 1,1,2-Trichloroethane	9.48	97	9728	0.073	ppbv		89
50) 4-Methyl-2-Pentanone	8.76	43	8545	0.045	ppbv	#	74
51) 2-Hexanone	10.11	43	93730	0.608	ppbv	#	27
52) Tetrachloroethene	11.23	164	95538	0.769	ppbv		97
53) Toluene	9.81	91	185932	0.611	ppbv		97
58) Ethyl Benzene	13.00	91	21183	0.054	ppbv		96
59) m/p-Xylene	13.00	91	21183	0.061	ppbv	#	26
60) o-Xylene	13.70	91	27252	0.078	ppbv		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101620\
Data File : VL035786.D
Acq On : 16 Oct 2020 15:14
Operator : SY/AP
Sample : L4450-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 17 03:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) Styrene	13.53	104	106891	0.443	ppbv		99
62) Isopropylbenzene	14.68	105	75768	0.140	ppbv		96
74) 1,2,4-Trimethylbenzene	16.78	105	27625	0.063	ppbv	#	70
75) 1,3-Dichlorobenzene	17.00	146	10815	0.036	ppbv	#	1
76) 1,4-Dichlorobenzene	17.15	146	12378	0.043	ppbv		92
78) Hexachloro-1,3-Butadiene	23.38	225	8697	0.056	ppbv	#	1
80) Naphthalene,2-methyl-	24.99	142	9766	0.099	ppbv		93

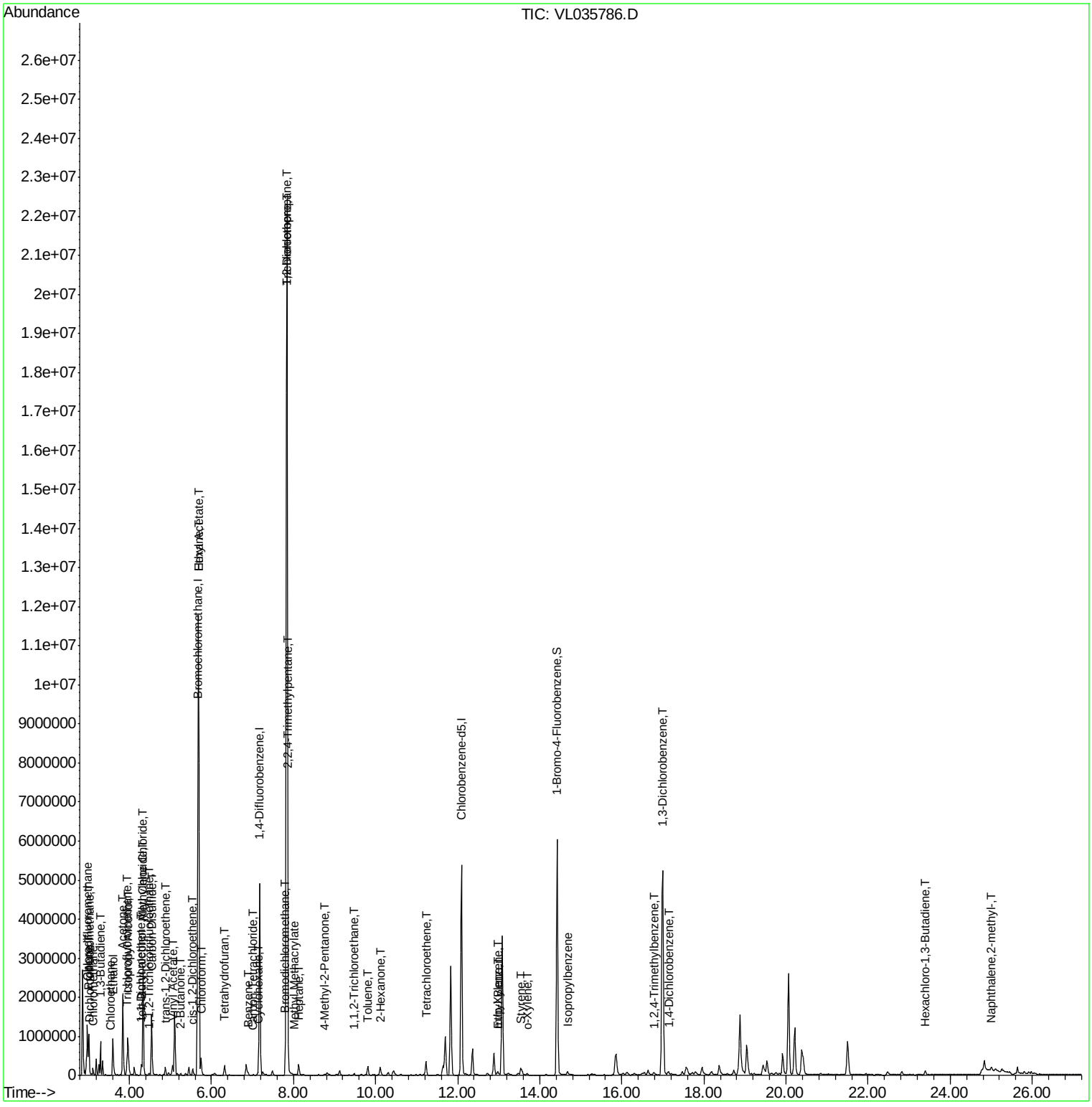
(#) = qualifier out of range (m) = manual integration (+) = signals summed

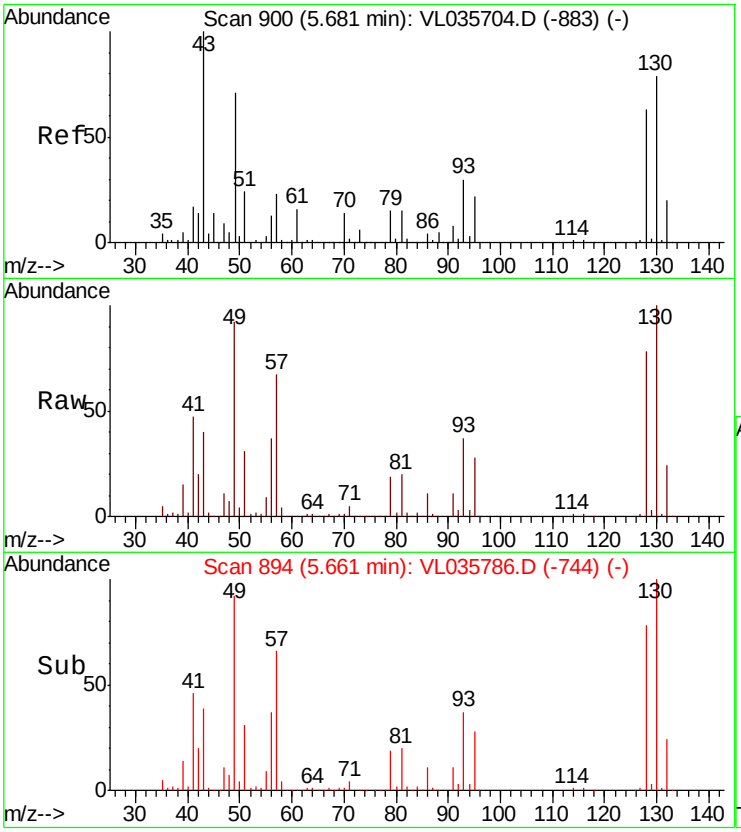
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101620\
Data File : VL035786.D
Acq On : 16 Oct 2020 15:14
Operator : SY/AP
Sample : L4450-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 17 03:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration



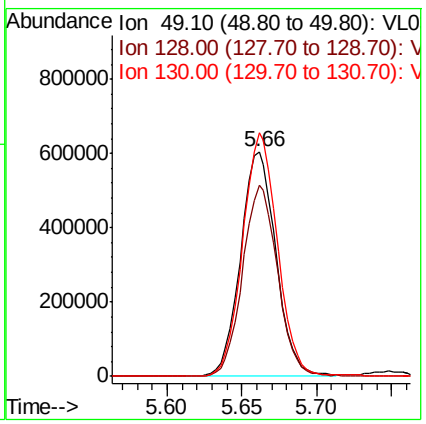


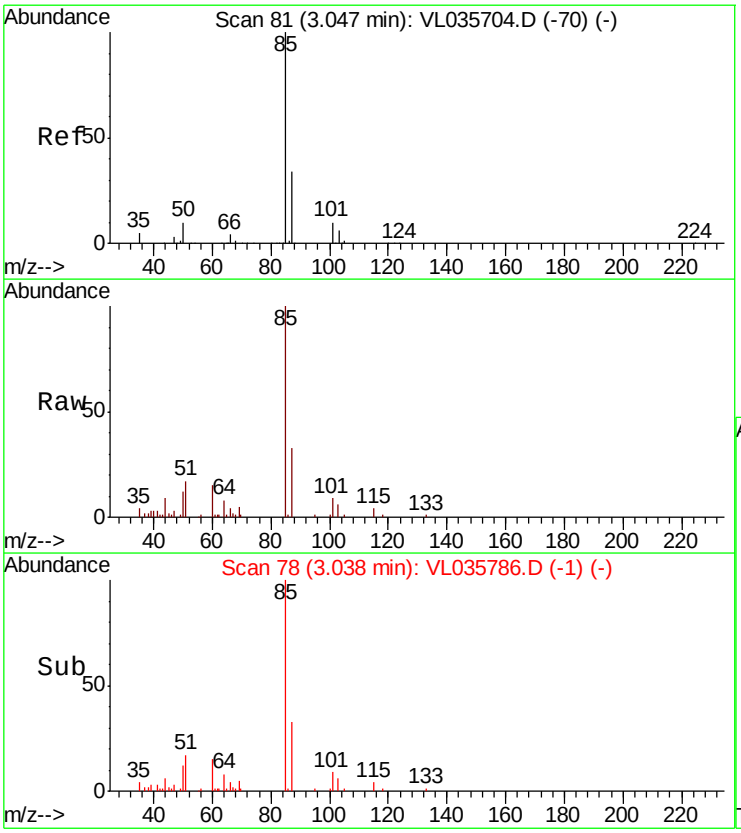
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 997156

Ion	Ratio	Lower	Upper
49	100		
128	84.4	43.1	129.4
130	107.5	54.9	164.7

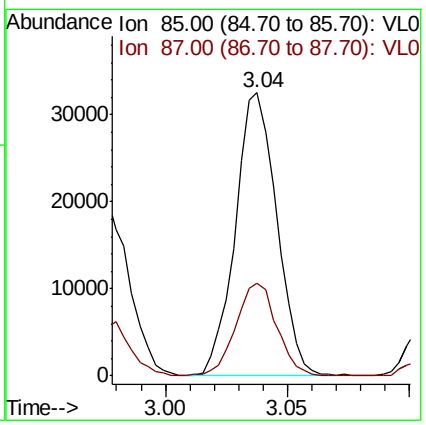


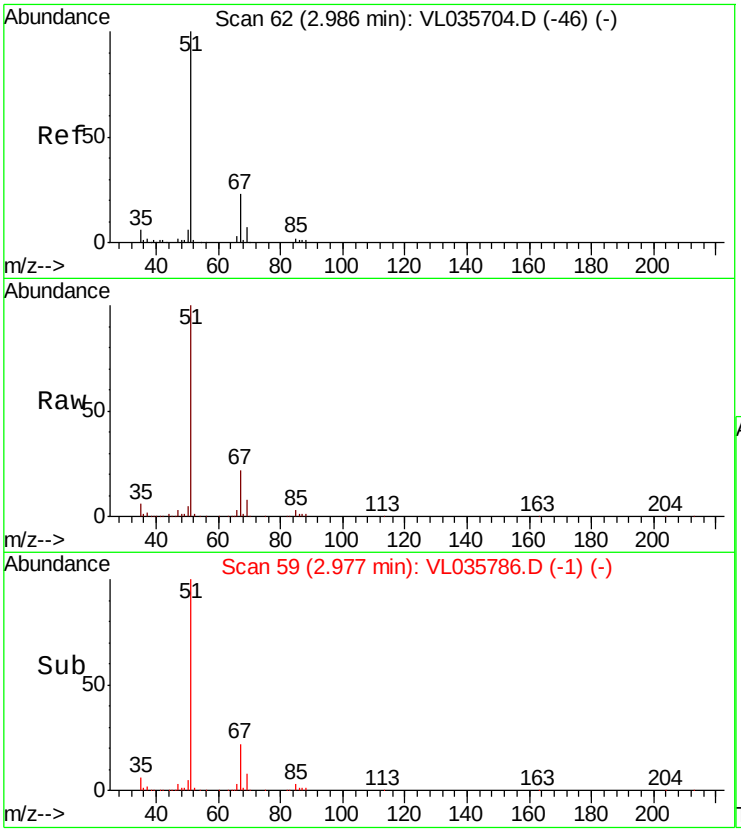


#2
Dichlorodifluoromethane
Concen: 0.234 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 85 Resp: 38322

Ion	Ratio	Lower	Upper
85	100		
87	32.9	27.3	40.9



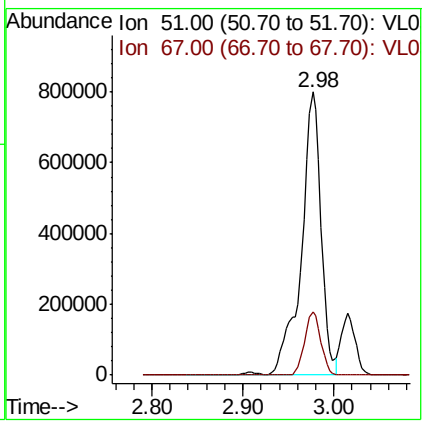


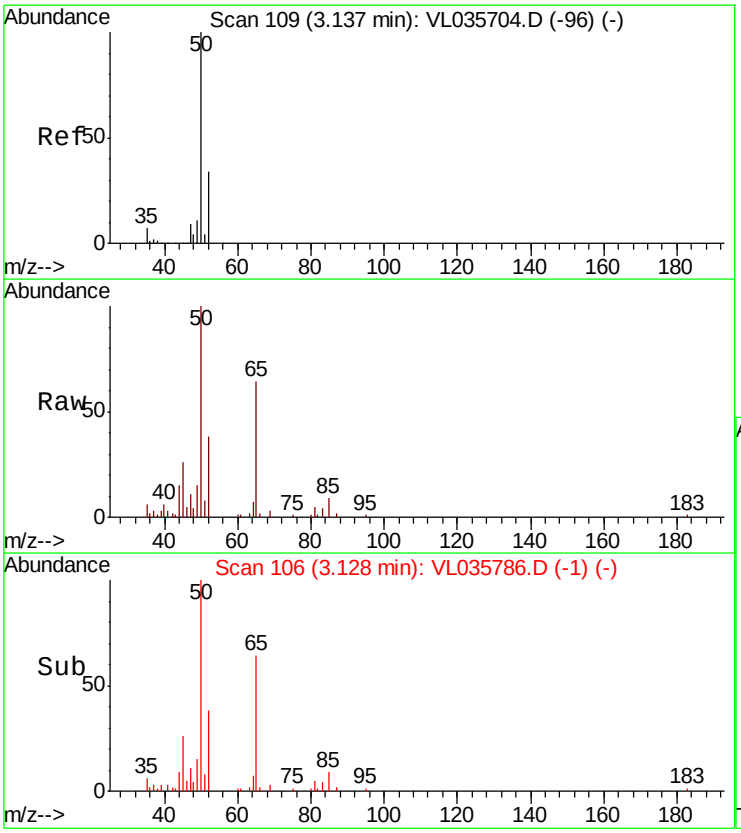
#3
Chlorodifluoromethane
Concen: 11.325 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1214857

Ion	Ratio	Lower	Upper
51	100		
67	18.2	17.8	26.8

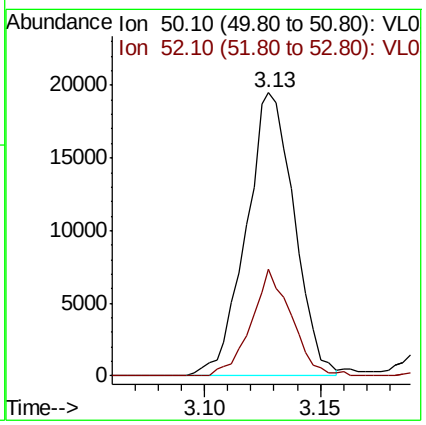


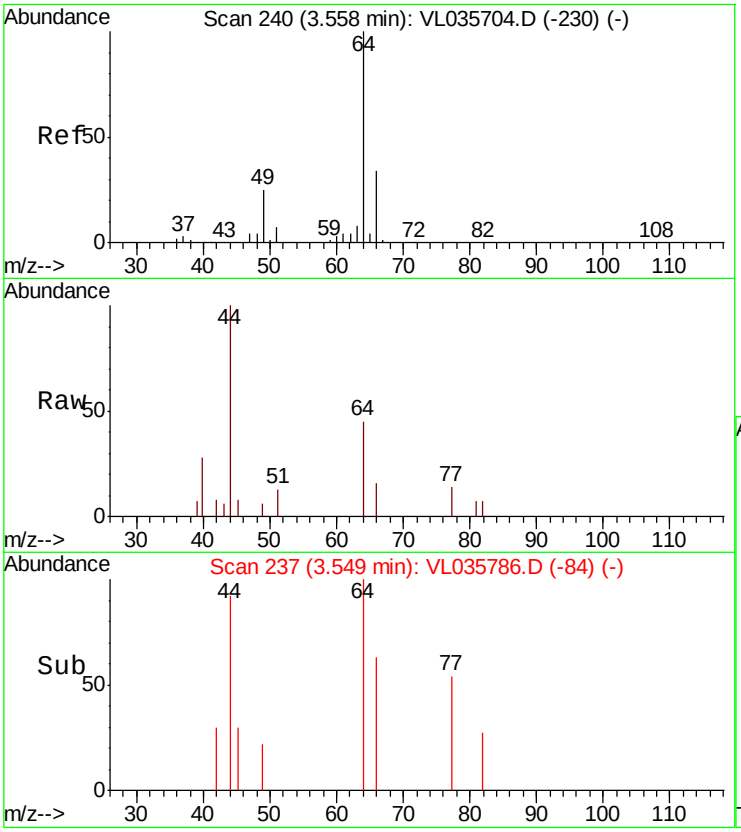


#4
Chloromethane
Concen: 0.488 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 50 Resp: 28151

Ion	Ratio	Lower	Upper
50	100		
52	37.7	26.8	40.2



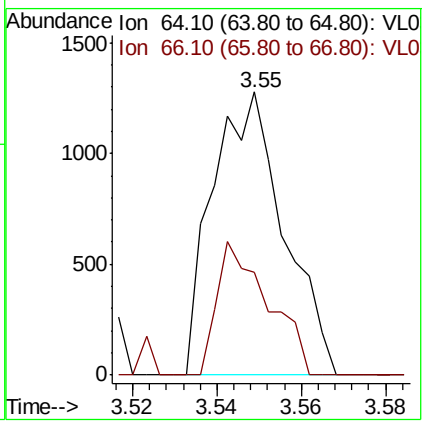


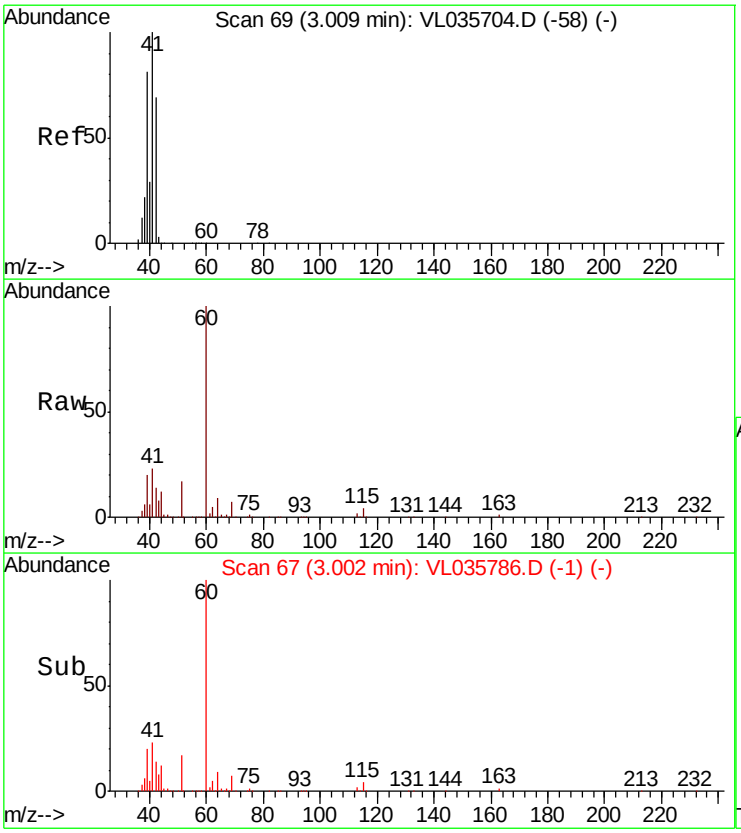
#7
Chloroethane
Concen: 0.060 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 1504

Ion	Ratio	Lower	Upper
64	100		
66	36.4	26.9	40.3

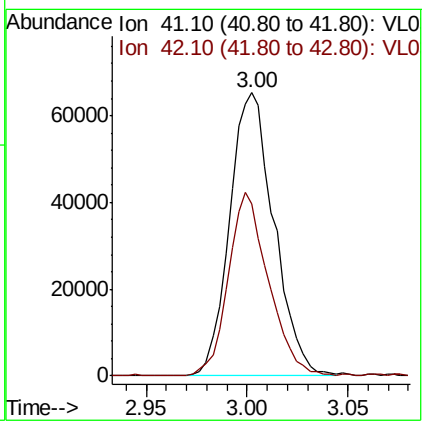


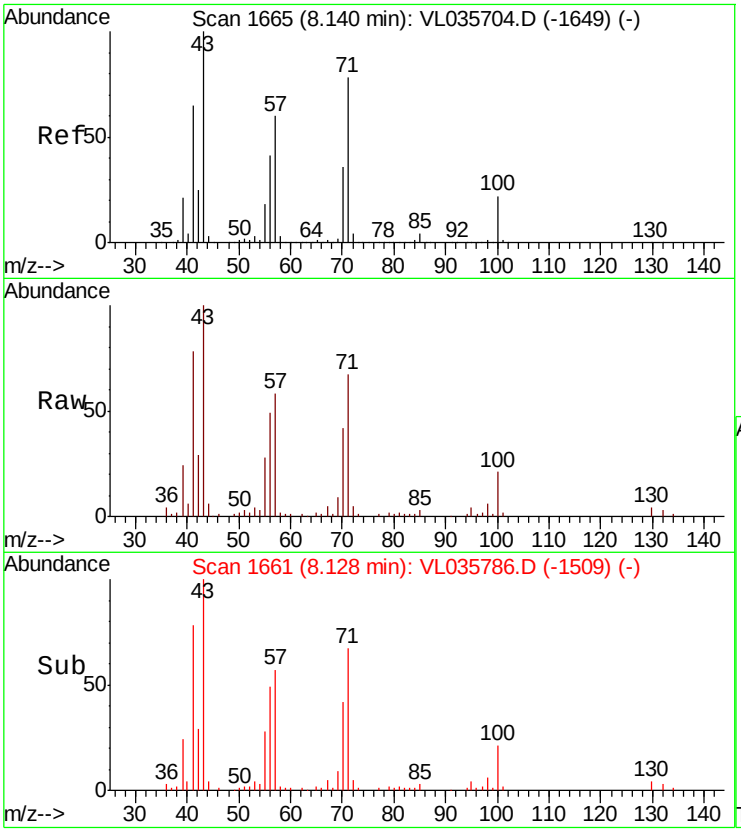


#9
Propene
Concen: 2.579 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 41 Resp: 100437

Ion	Ratio	Lower	Upper
41	100		
42	59.8	56.2	84.4



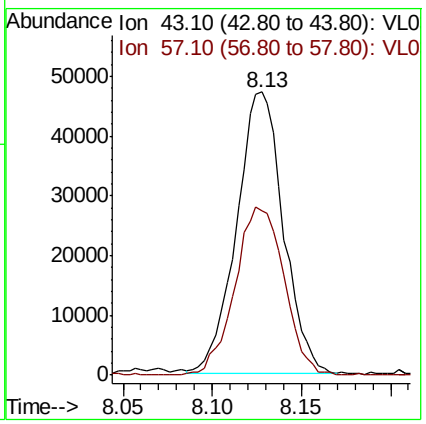


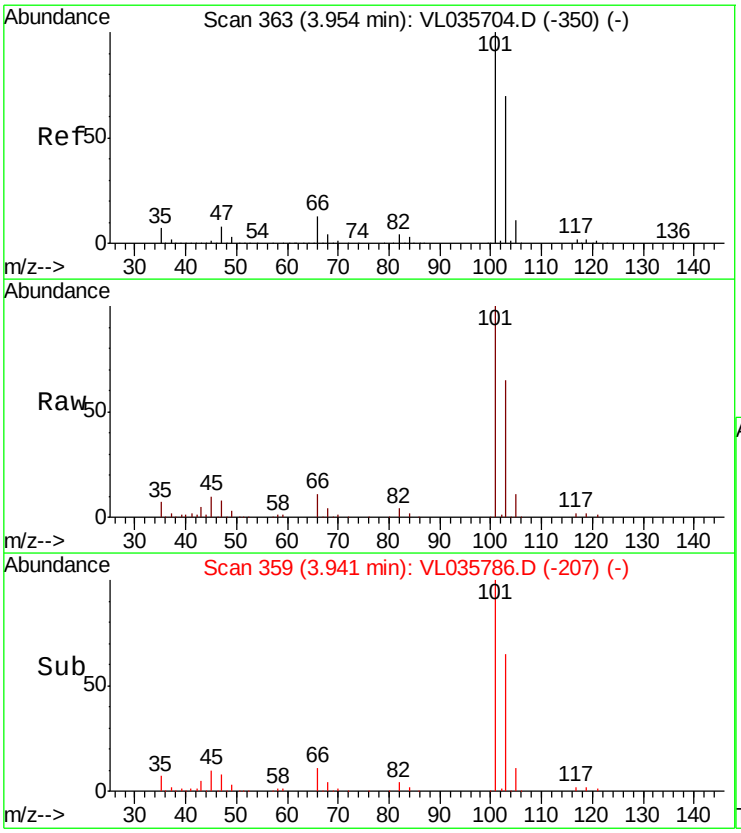
#10
Heptane
Concen: 0.791 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 85858

Ion	Ratio	Lower	Upper
43	100		
57	62.9	50.4	75.6

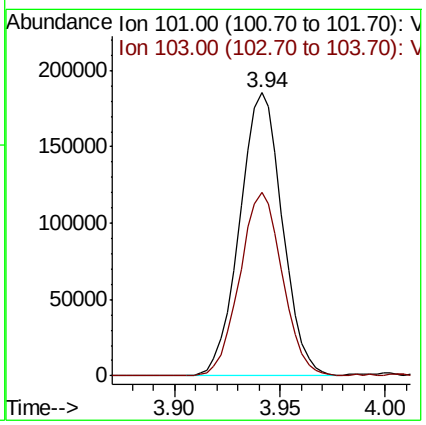


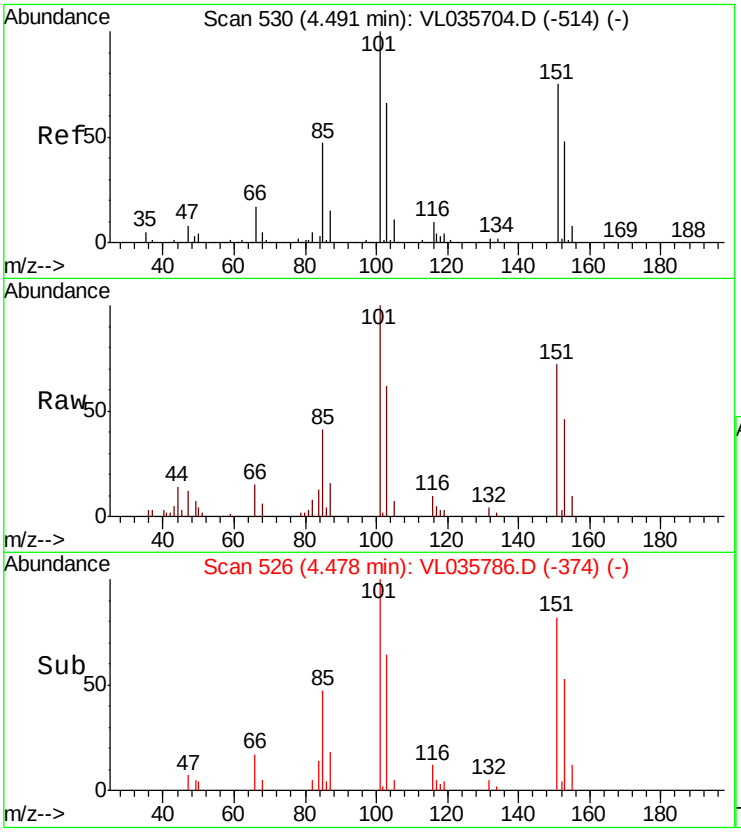


#11
Trichlorofluoromethane
Concen: 1.119 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:101 Resp: 261326

Ion	Ratio	Lower	Upper
101	100		
103	64.6	55.6	83.4



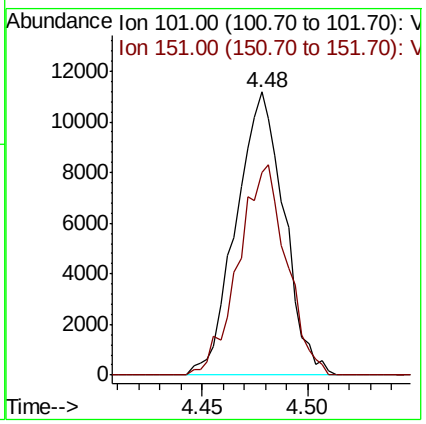


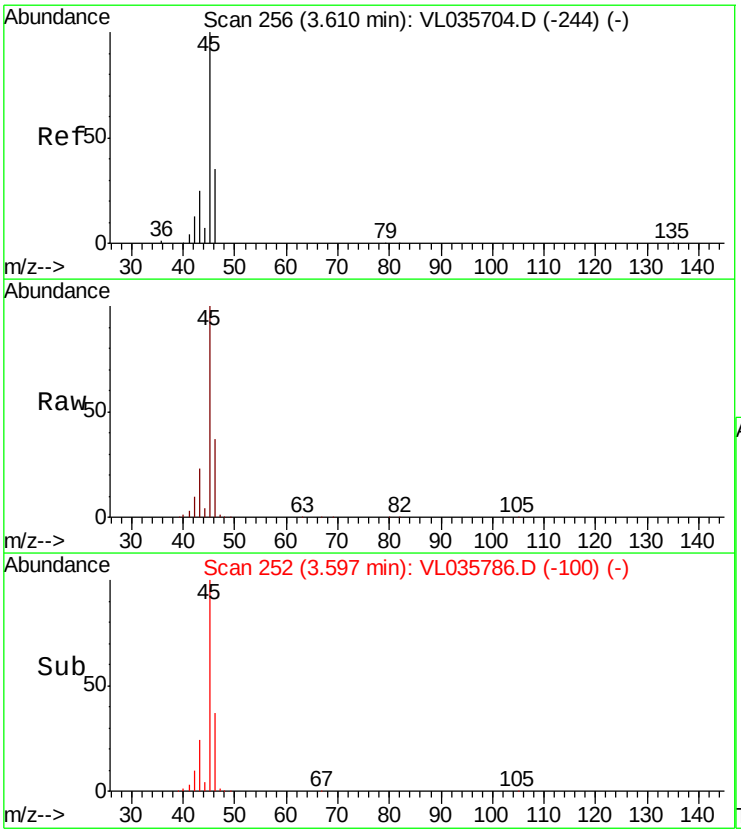
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.101 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 17652

Ion	Ratio	Lower	Upper
101	100		
151	74.9	59.1	88.7

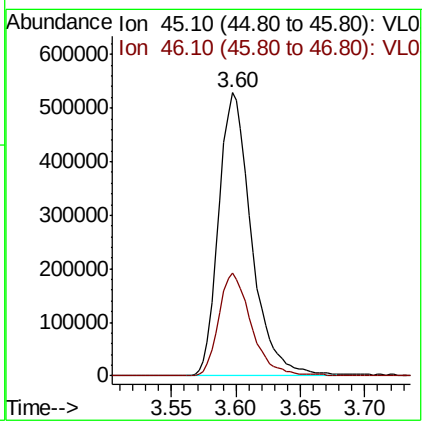


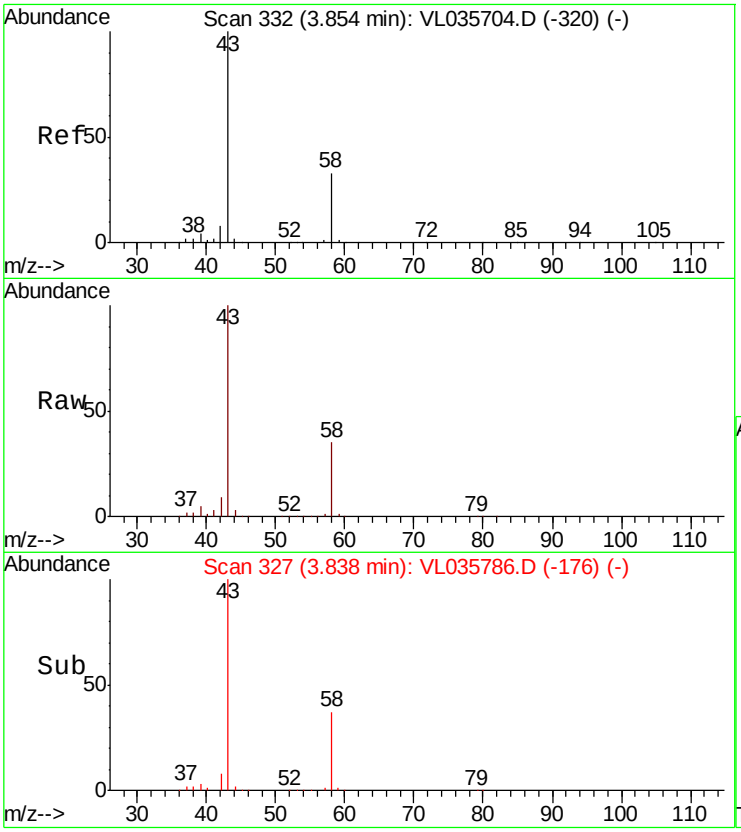


#13
Ethanol
Concen: 97.344 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 45 Resp: 935022

Ion	Ratio	Lower	Upper
45	100		
46	36.4	14.7	58.7



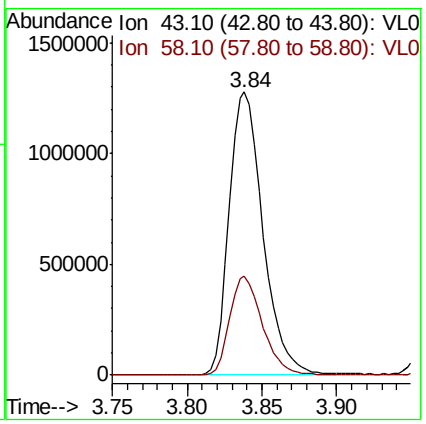


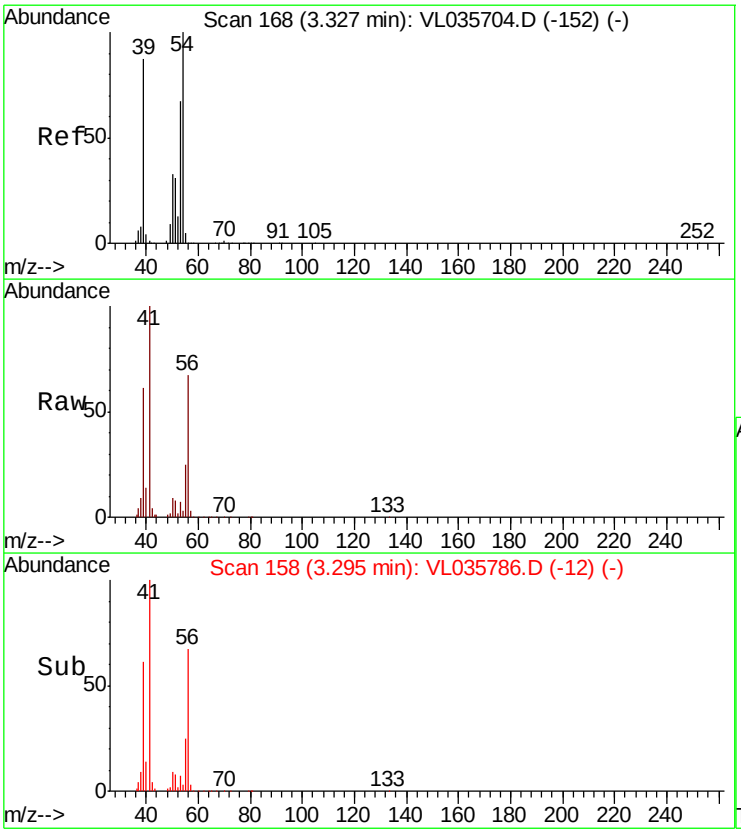
#15
Acetone
Concen: 18.736 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2010296

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.3	40.9

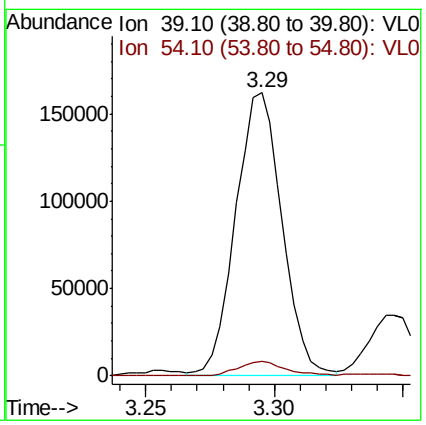


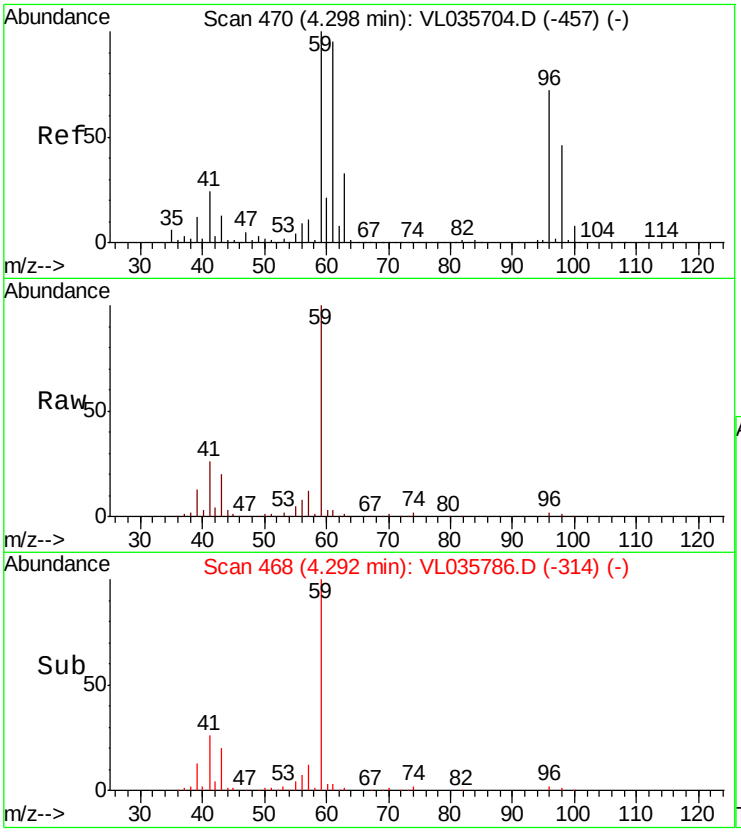


#16
1,3-Butadiene
Concen: 5.176 ppbv
RT: 3.29 min Scan# 158
Delta R.T. -0.03 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 39 Resp: 203189

Ion	Ratio	Lower	Upper
39	100		
54	5.5	87.4	131.0#



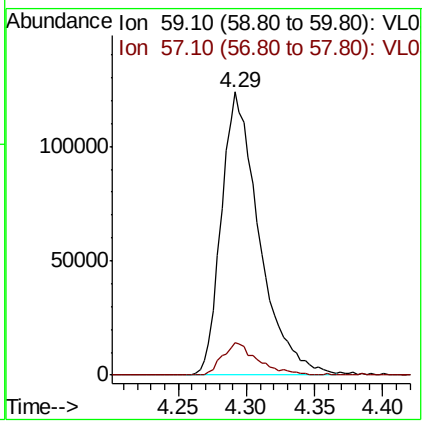


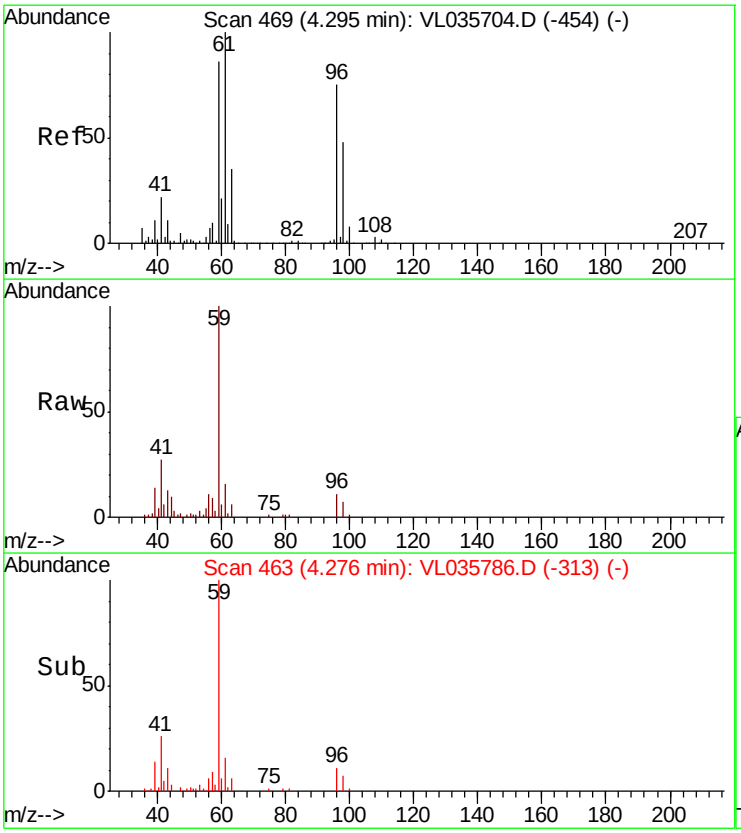
#17
tert-Butyl alcohol
Concen: 2.049 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 239441

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.5	12.7

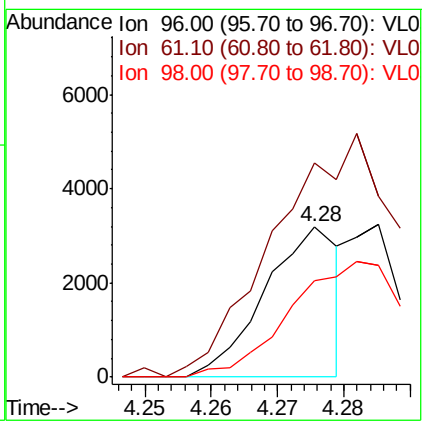


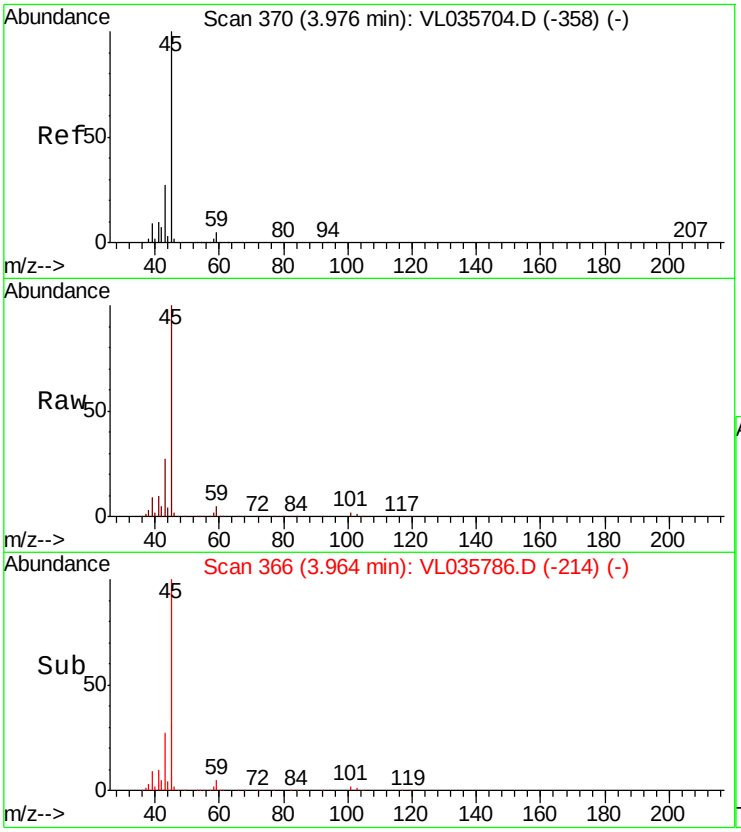


#18
1,1-Dichloroethene
Concen: 0.033 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 96 Resp: 2484

Ion	Ratio	Lower	Upper
96	100		
61	135.7	106.7	160.1
98	63.9	50.8	76.2



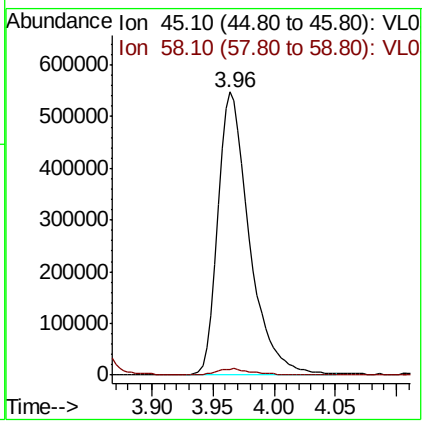


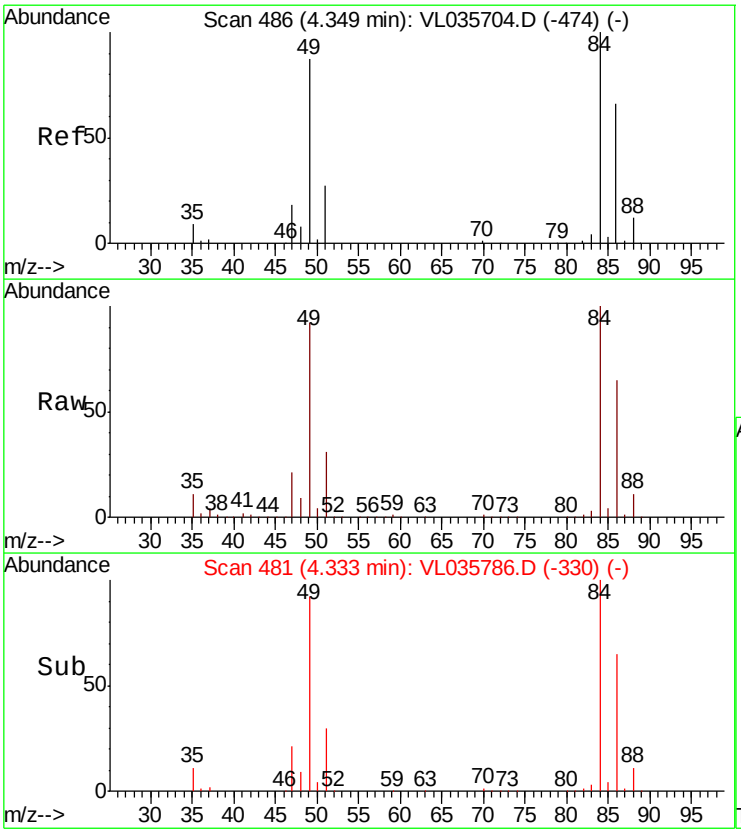
#19
Isopropyl Alcohol
Concen: 16.983 ppbv
RT: 3.96 min Scan# 366
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 991262

Ion	Ratio	Lower	Upper
45	100		
58	3.0	2.8	4.2

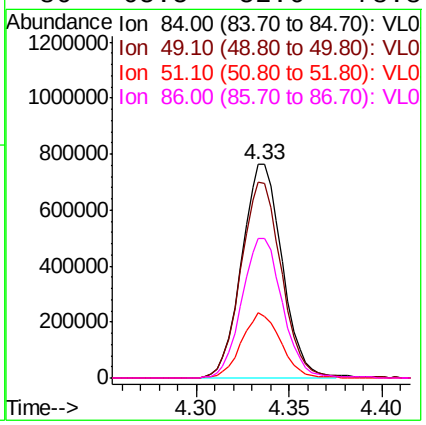


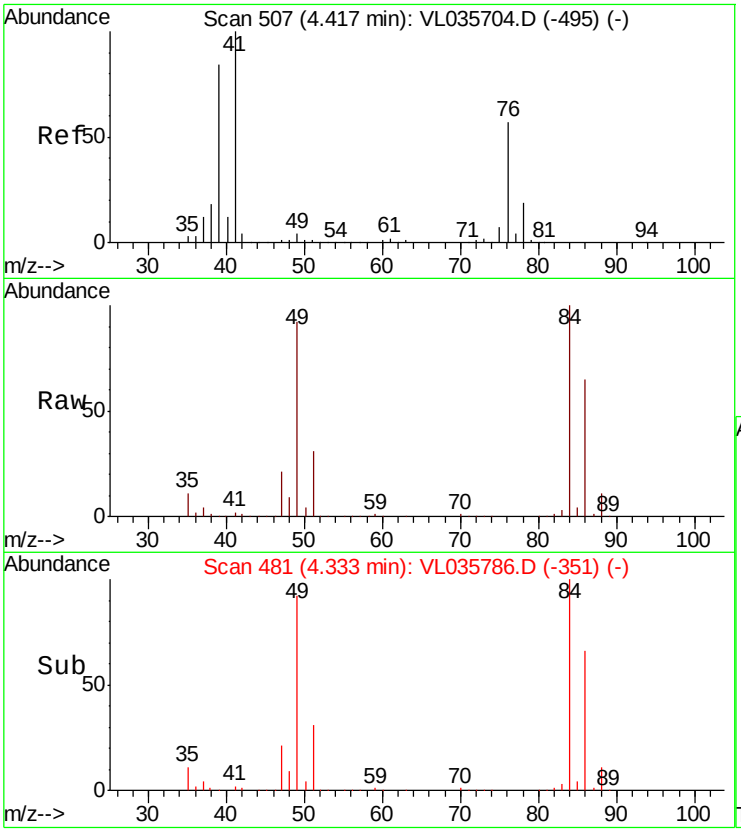


#20
Methylene Chloride
Concen: 14.697 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 84 Resp: 1158367

Ion	Ratio	Lower	Upper
84	100		
49	91.6	69.8	104.6
51	30.3	21.8	32.8
86	65.5	52.6	78.8



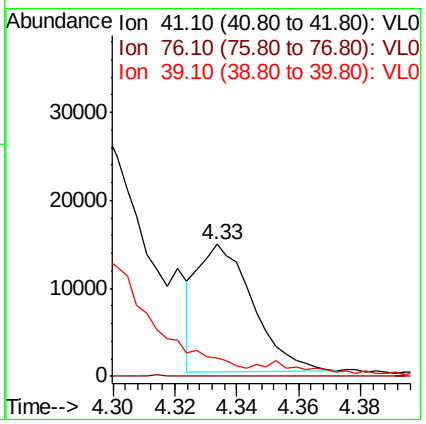


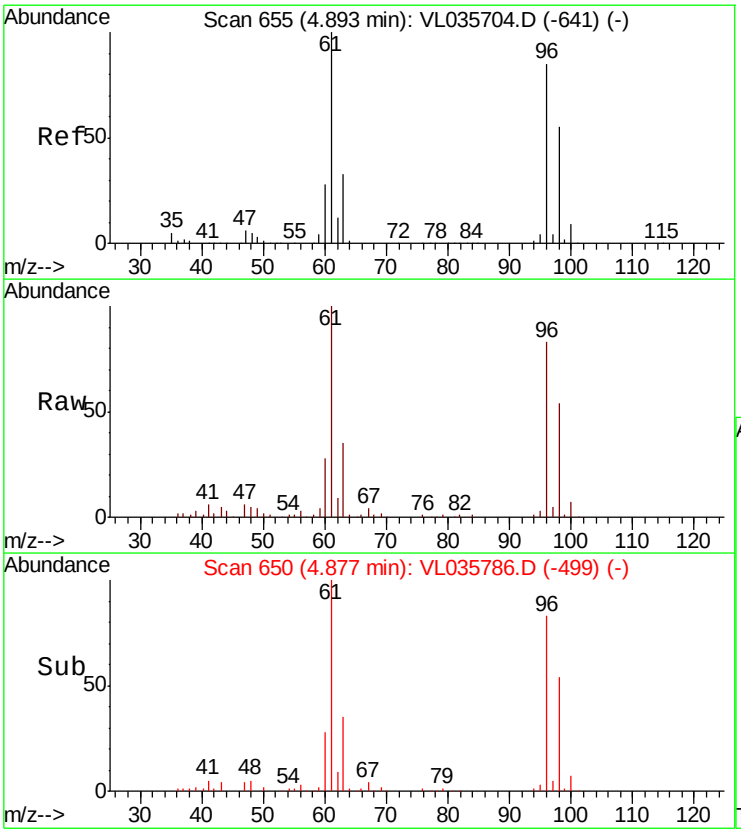
#21
Allyl Chloride
Concen: 0.347 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.08 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 18034

Ion	Ratio	Lower	Upper
41	100		
76	0.0	44.8	67.2#
39	0.0	68.4	102.6#

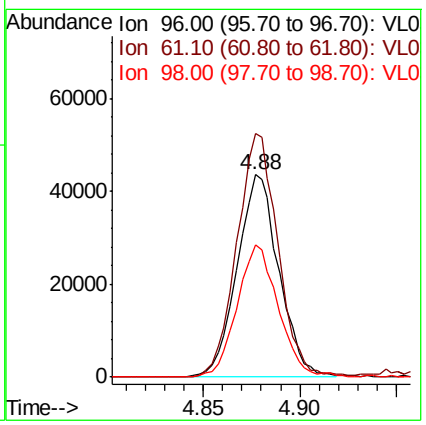


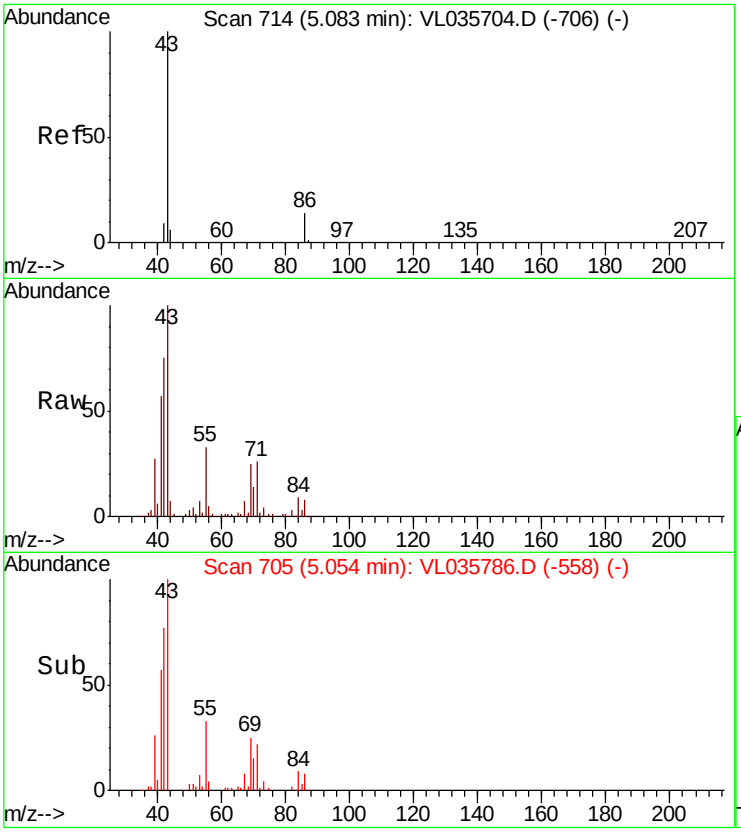


#22
trans-1,2-Dichloroethene
Concen: 0.814 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 96 Resp: 65506

Ion	Ratio	Lower	Upper
96	100		
61	120.2	93.7	140.5
98	65.0	51.2	76.8



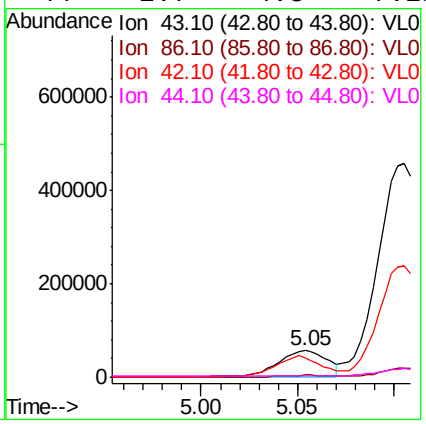


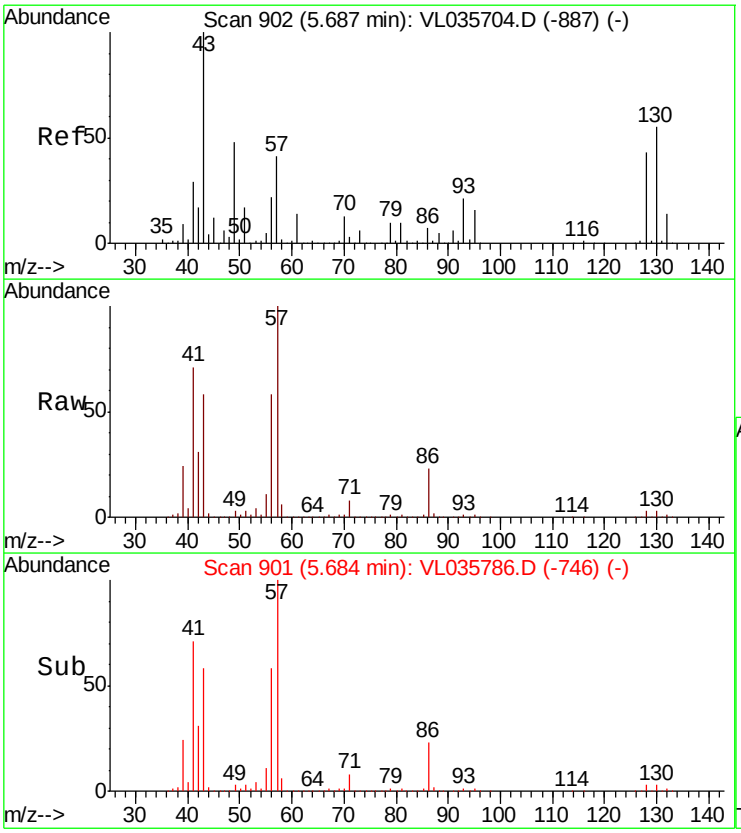
#23
Vinyl Acetate
Concen: 0.763 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.03 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 100208

Ion	Ratio	Lower	Upper
43	100		
86	7.7	9.7	14.5#
42	74.8	7.9	11.9#
44	2.7	4.8	7.2#

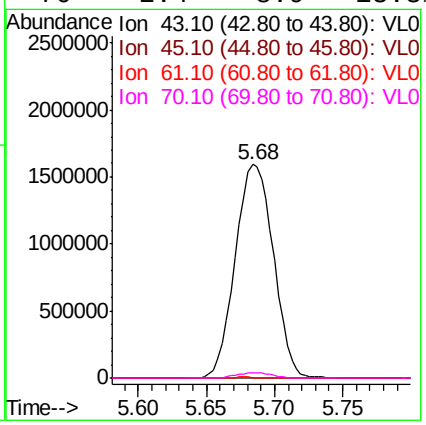


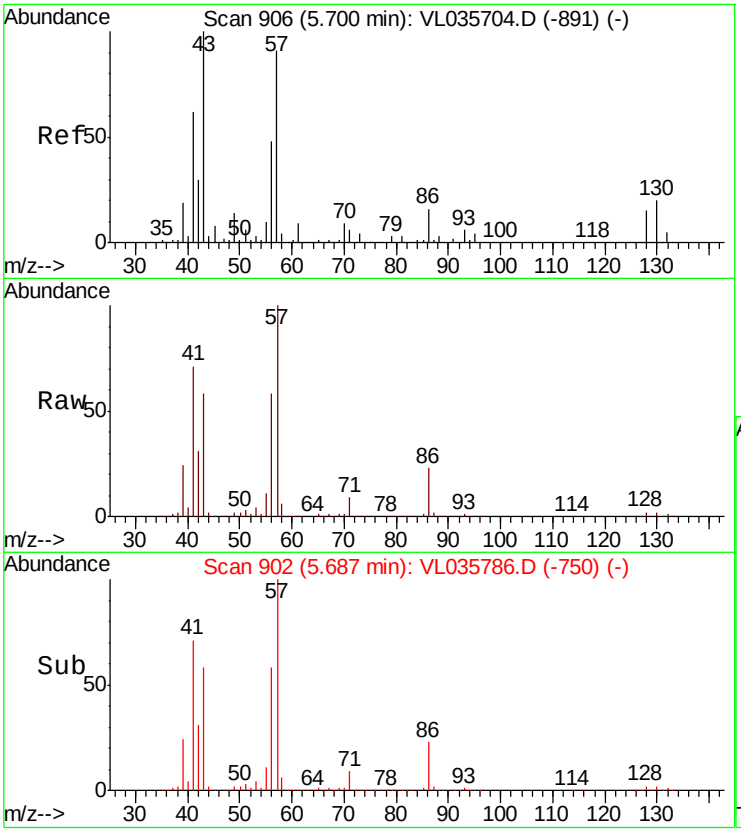


#25
Ethyl Acetate
Concen: 16.014 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 43 Resp: 3091851

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.6	12.8#
61	0.4	10.4	15.6#
70	2.4	8.9	13.3#



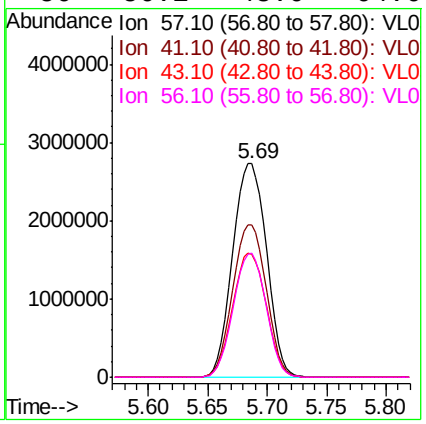


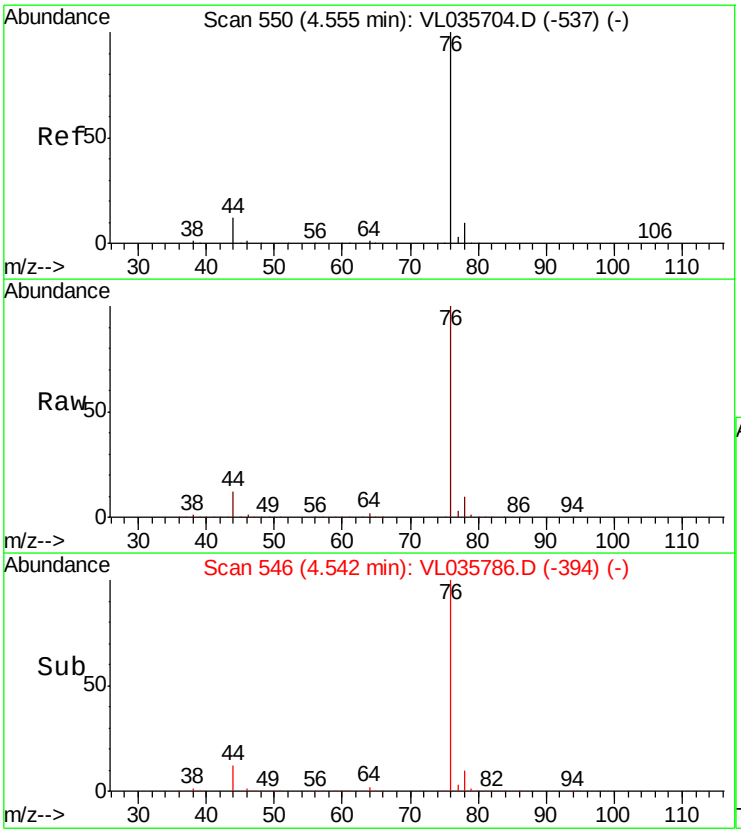
#26
Hexane
Concen: 51.066 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 5402720

Ion	Ratio	Lower	Upper
57	100		
41	70.6	57.9	86.9
43	57.4	143.8	215.6#
56	56.1	43.0	64.6

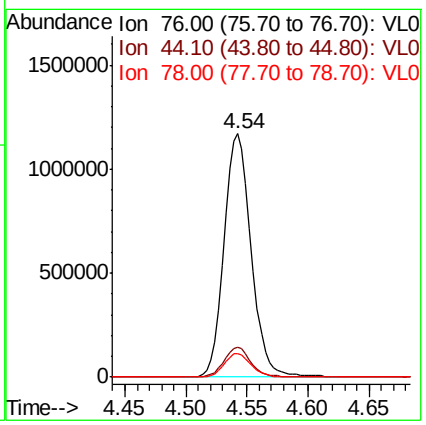


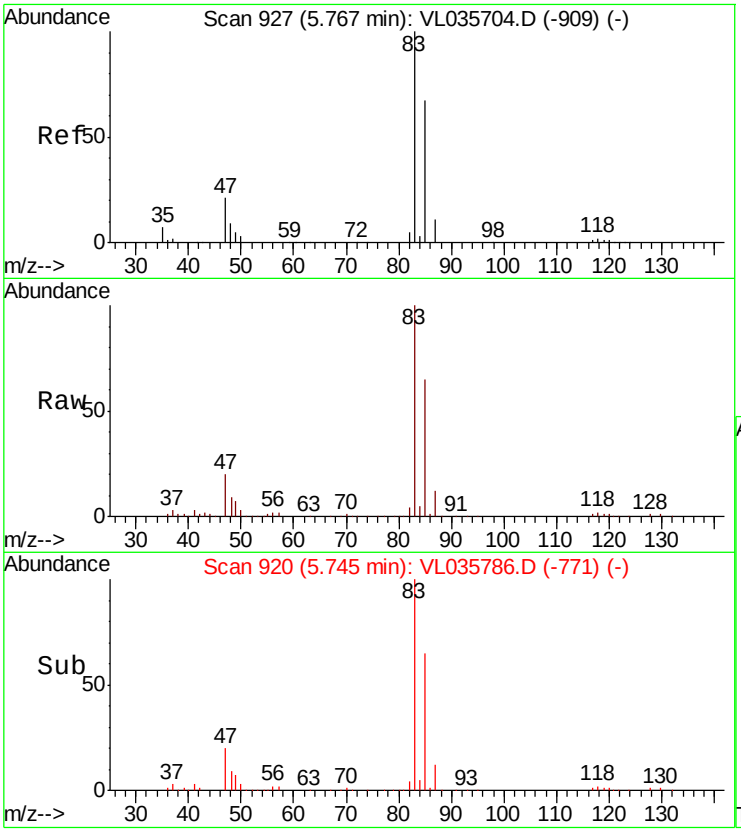


#27
Carbon Disulfide
Concen: 11.610 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 76 Resp: 1830881

Ion	Ratio	Lower	Upper
76	100		
44	12.1	9.7	14.5
78	9.7	7.8	11.8



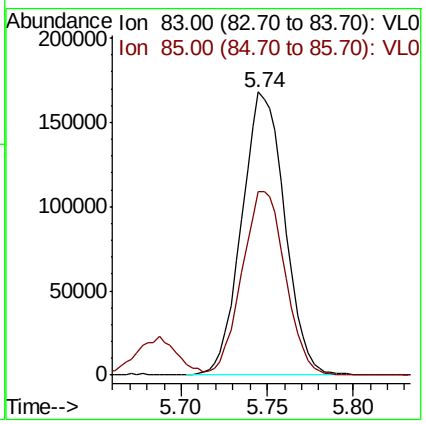


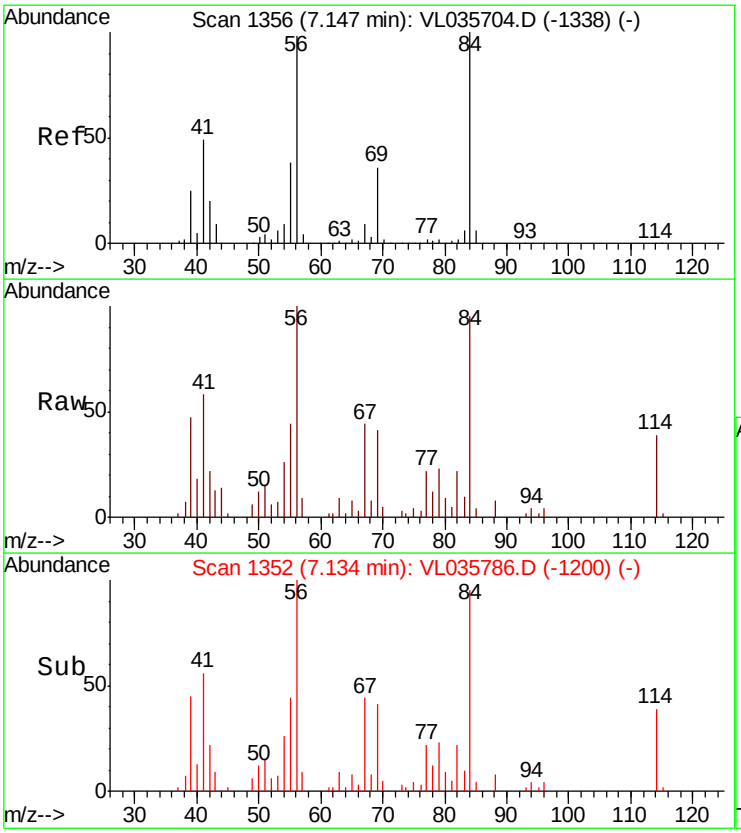
#29
Chloroform
Concen: 1.351 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 290247

Ion	Ratio	Lower	Upper
83	100		
85	64.5	54.0	81.0

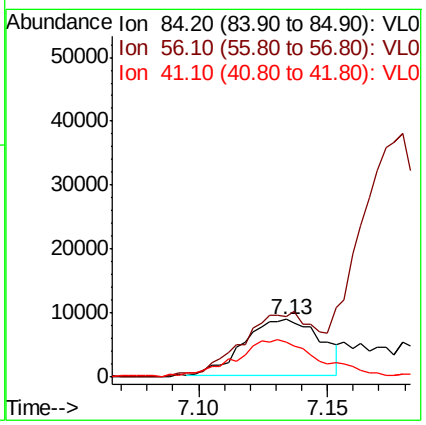


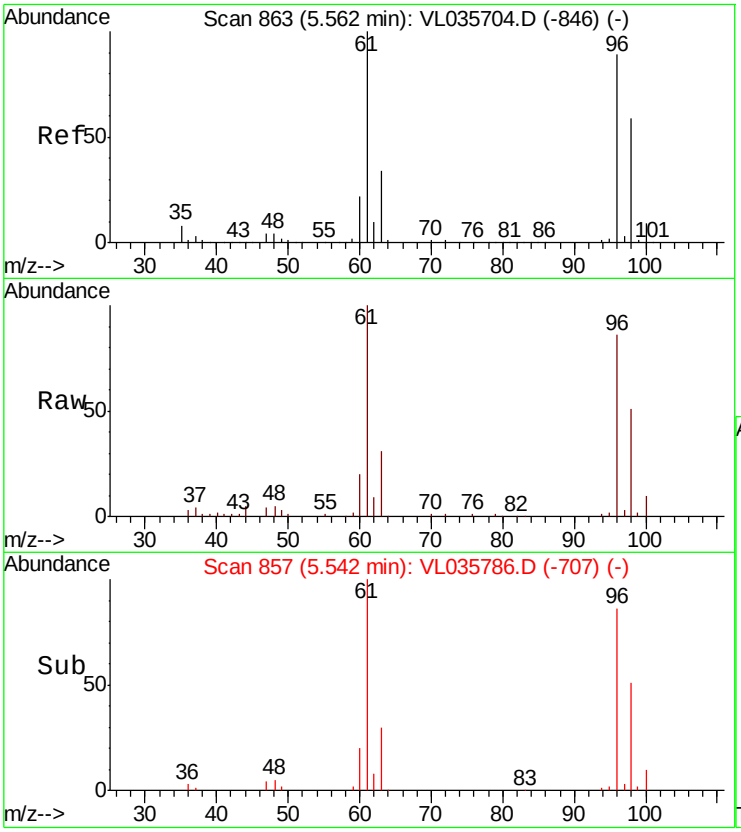


#30
Cyclohexane
Concen: 0.174 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 84 Resp: 18156

Ion	Ratio	Lower	Upper
84	100		
56	0.0	84.6	127.0#
41	78.0	41.1	61.7#



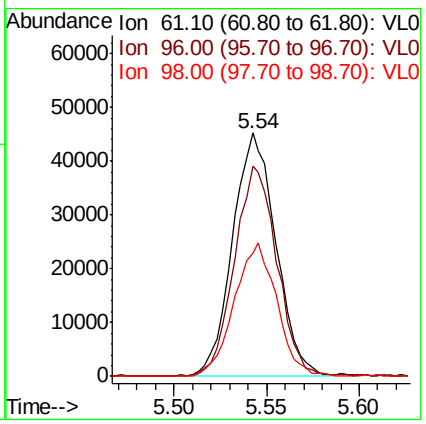


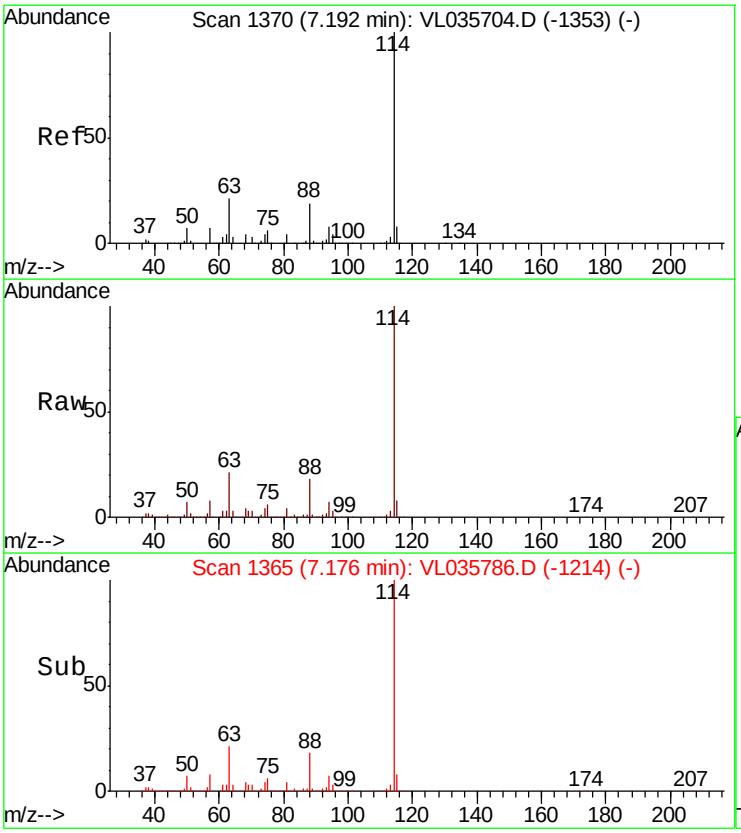
#31
cis-1,2-Dichloroethene
Concen: 0.721 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 73672

Ion	Ratio	Lower	Upper
61	100		
96	86.0	71.4	107.2
98	50.5	47.4	71.2

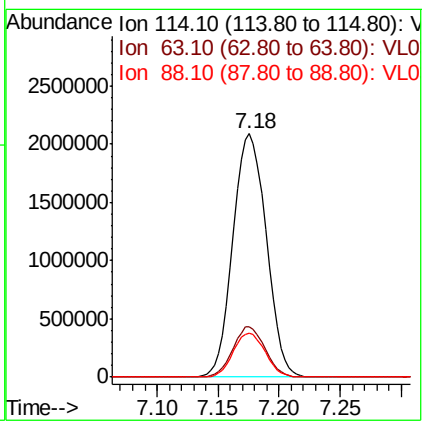


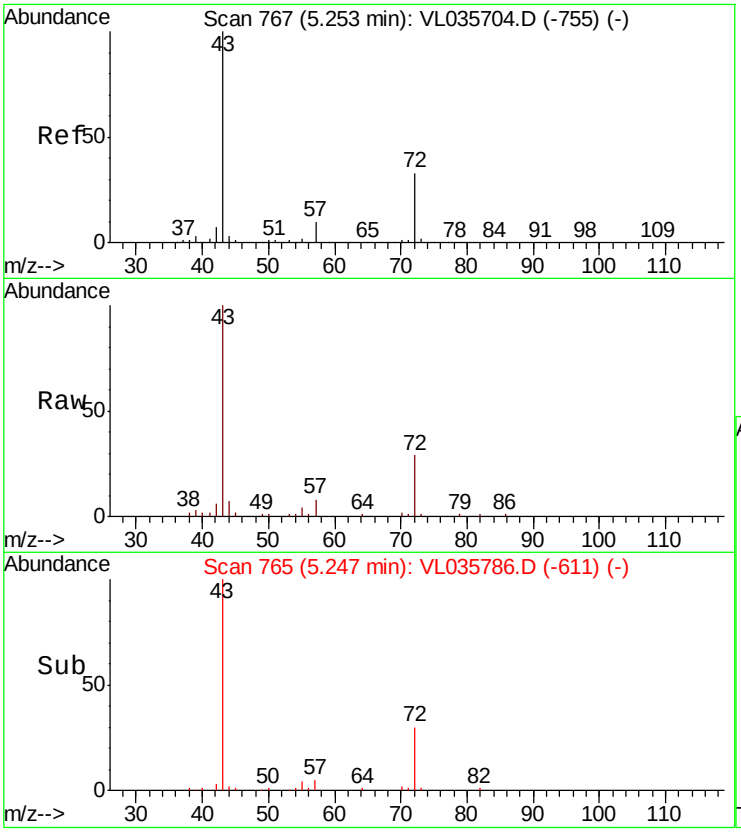


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:114 Resp: 3963079

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.4	14.1	21.1



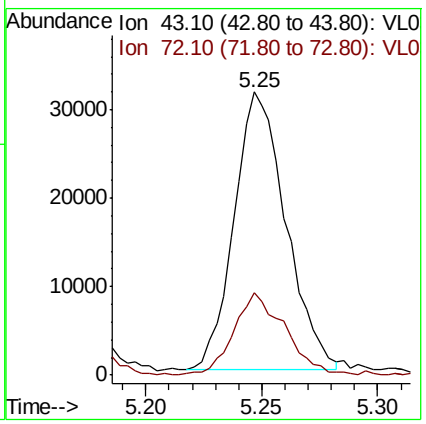


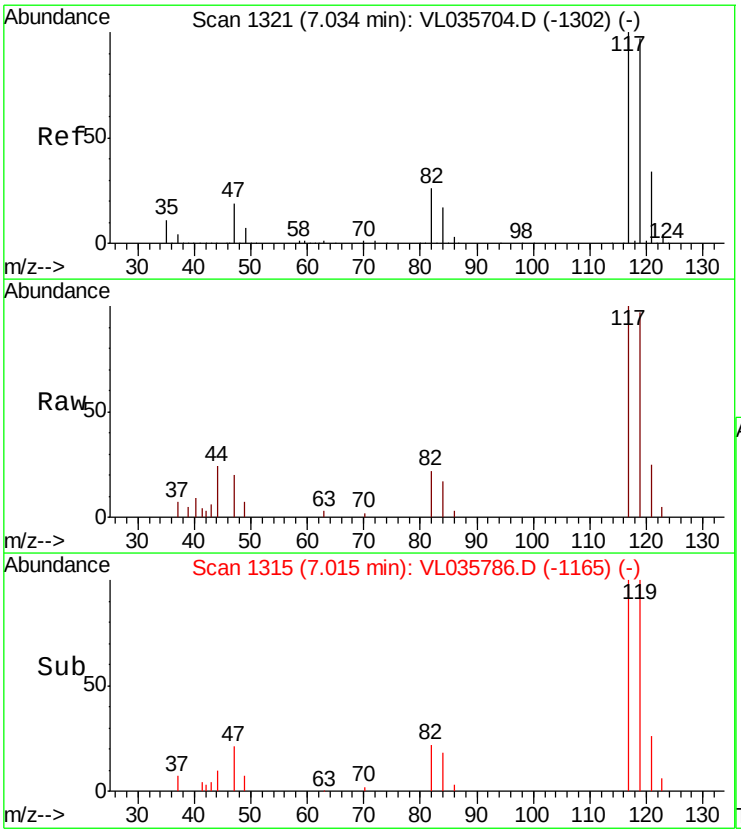
#34
2-Butanone
Concen: 0.372 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 48728

Ion	Ratio	Lower	Upper
43	100		
72	29.6	26.1	39.1

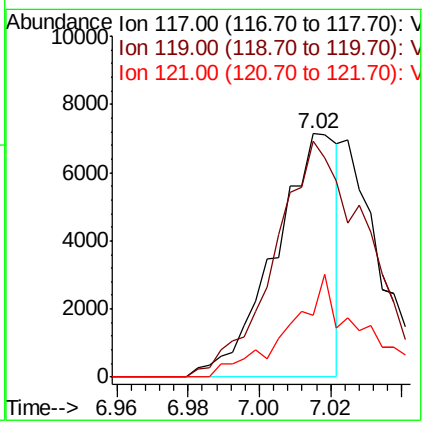


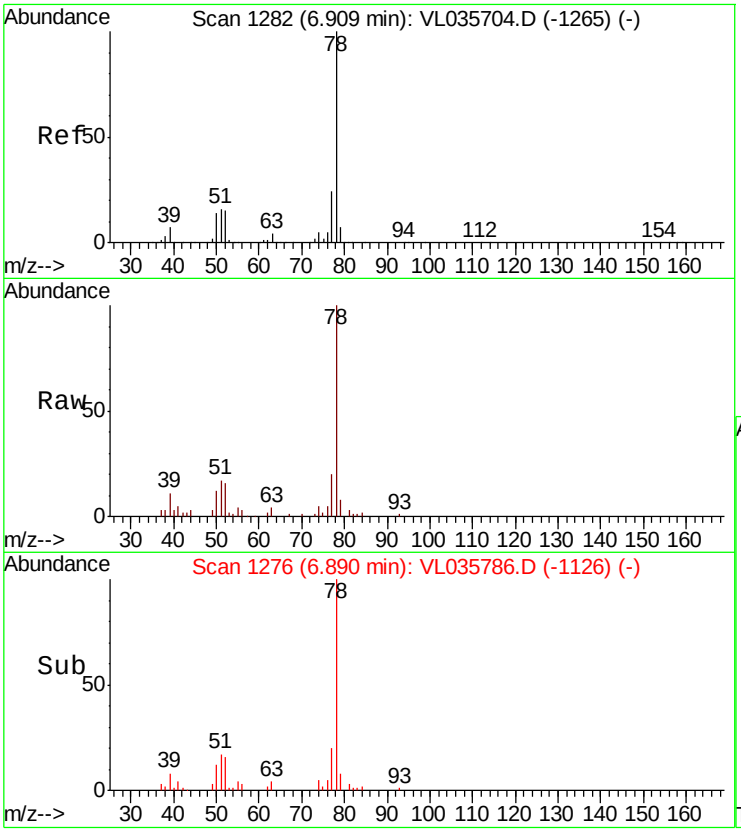


#35
Carbon Tetrachloride
Concen: 0.042 ppbv
RT: 7.02 min Scan# 1315
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:117 Resp: 8689

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.7	116.5
121	25.3	26.9	40.3#



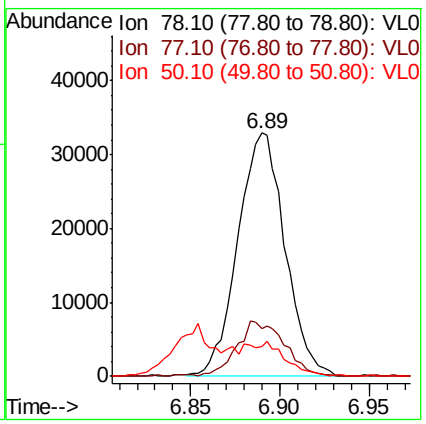


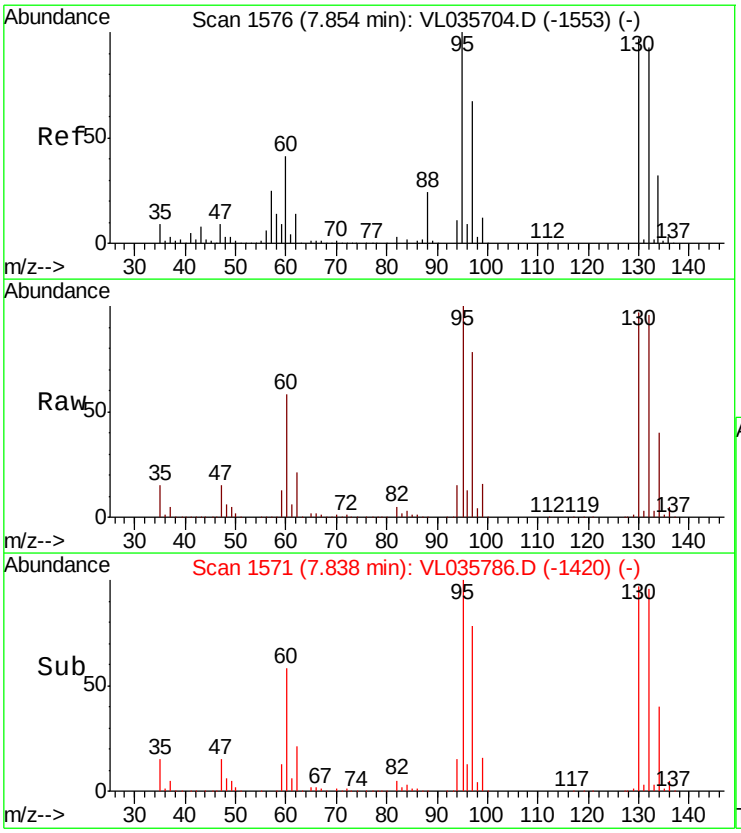
#36
Benzene
Concen: 0.236 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 60851

Ion	Ratio	Lower	Upper
78	100		
77	19.7	19.3	28.9
50	11.9	11.6	17.4

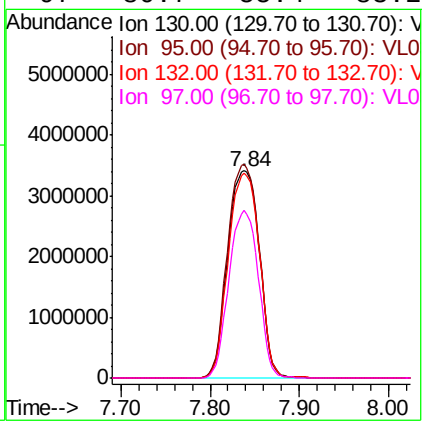


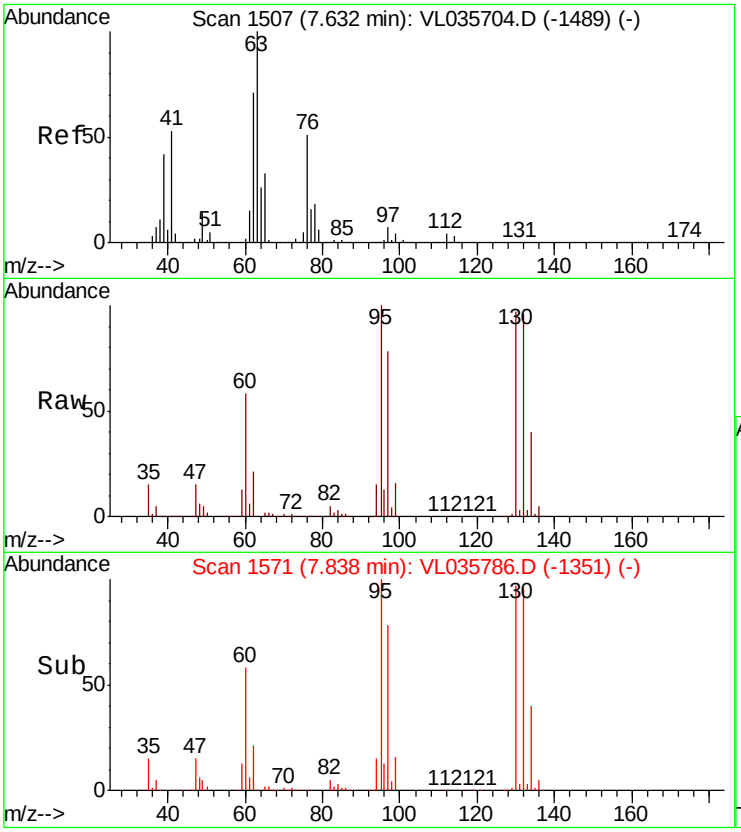


#38
Trichloroethene
Concen: 65.274 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:130 Resp: 8408721

Ion	Ratio	Lower	Upper
130	100		
95	103.0	82.4	123.6
132	98.5	76.8	115.2
97	80.7	55.4	83.2



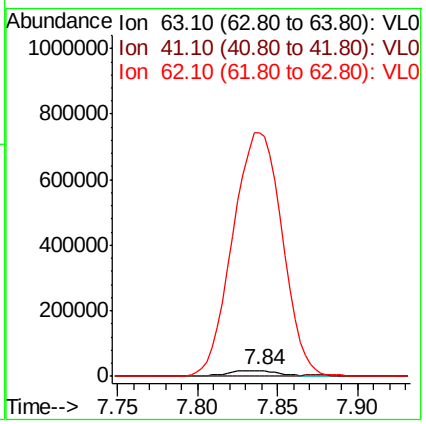


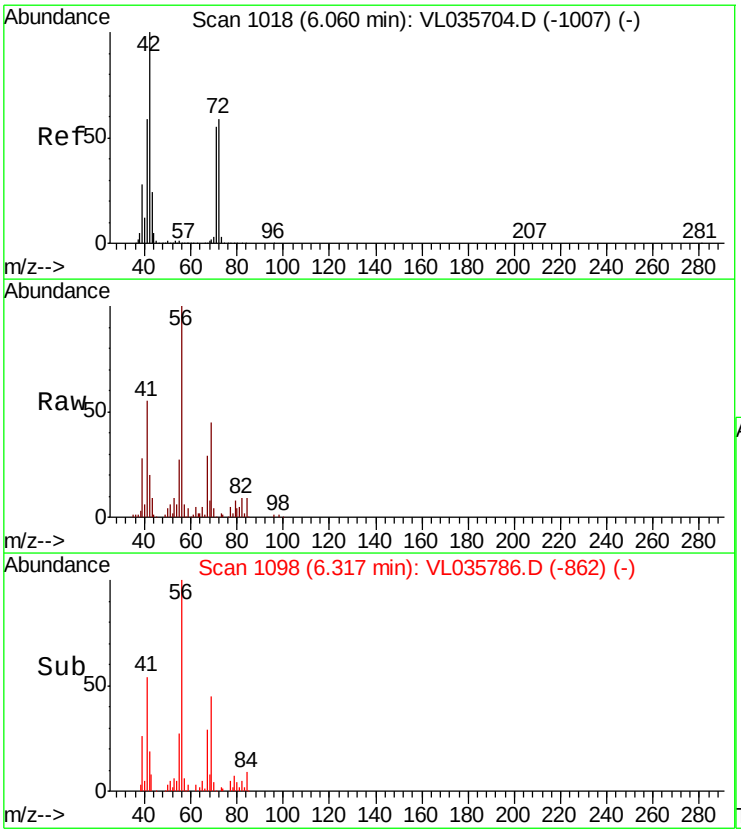
#39
1,2-Dichloropropane
Concen: 0.401 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.21 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 37549

Ion	Ratio	Lower	Upper
63	100		
41	8.8	42.6	63.8#
62	4335.7	56.5	84.7#

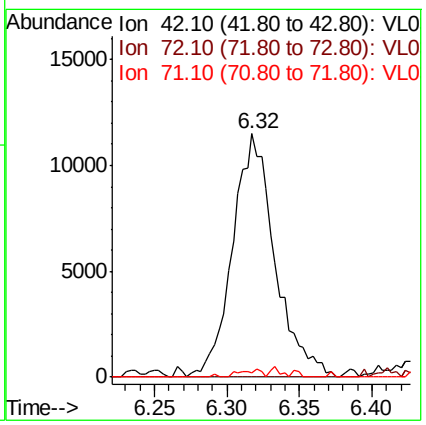


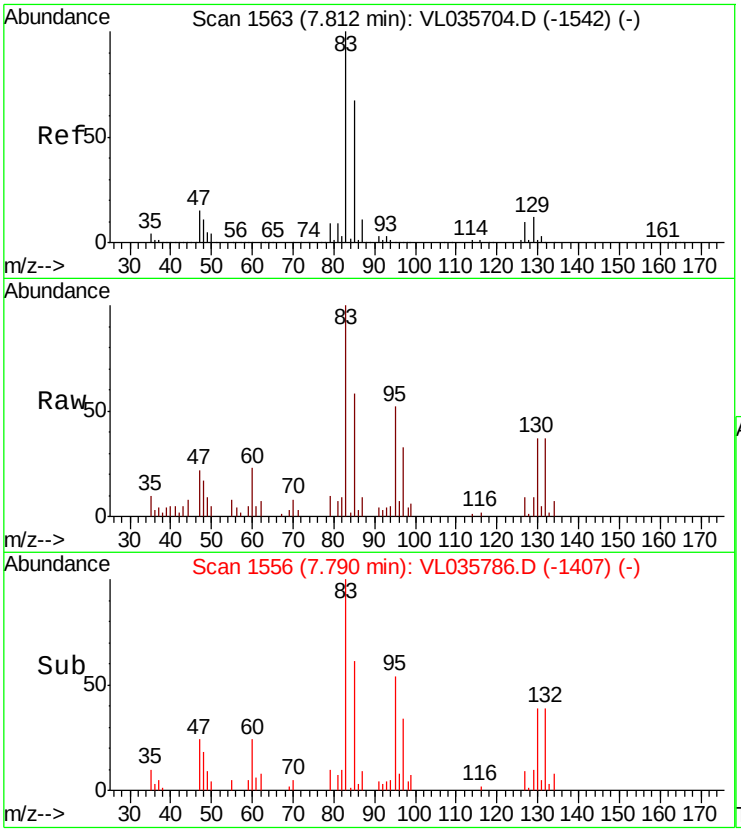


#41
Tetrahydrofuran
Concen: 0.354 ppbv
RT: 6.32 min Scan# 1098
Delta R.T. 0.26 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 42 Resp: 23347

Ion	Ratio	Lower	Upper
42	100		
72	0.0	46.2	69.4#
71	0.0	44.2	66.4#



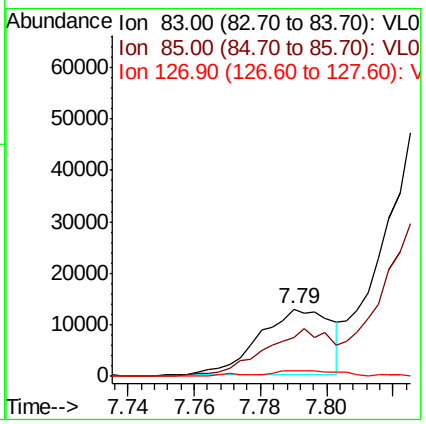


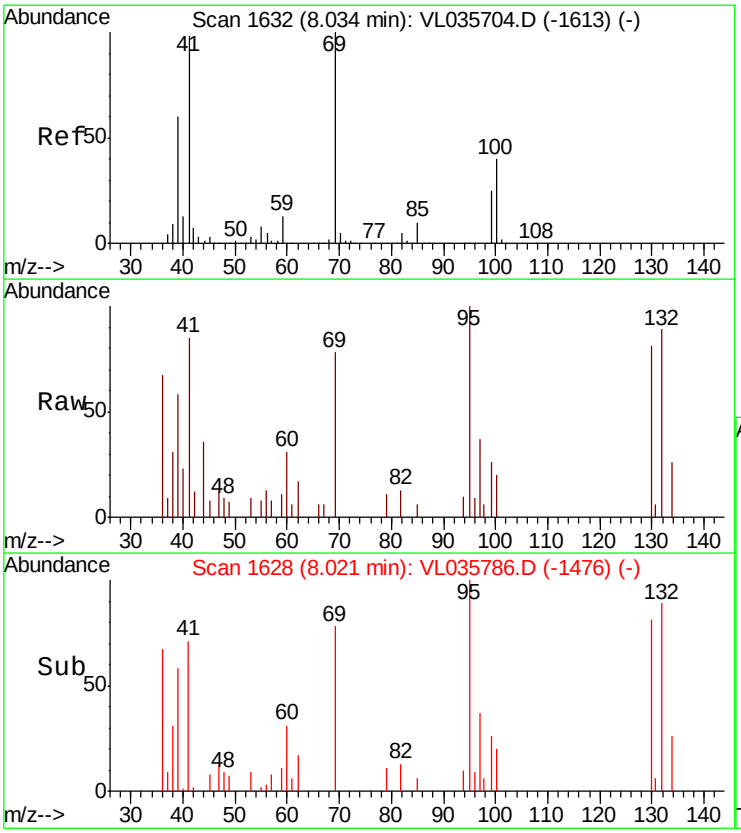
#42
Bromodichloromethane
Concen: 0.090 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 19458

Ion	Ratio	Lower	Upper
83	100		
85	55.8	53.4	80.0
127	9.1	7.8	11.6

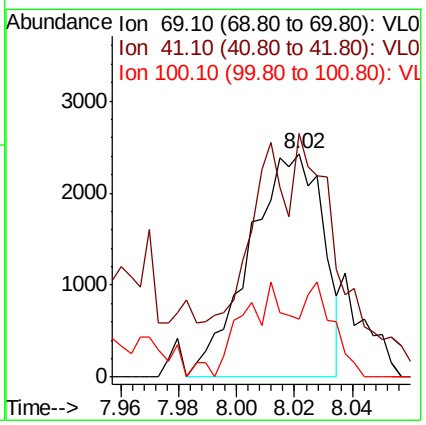


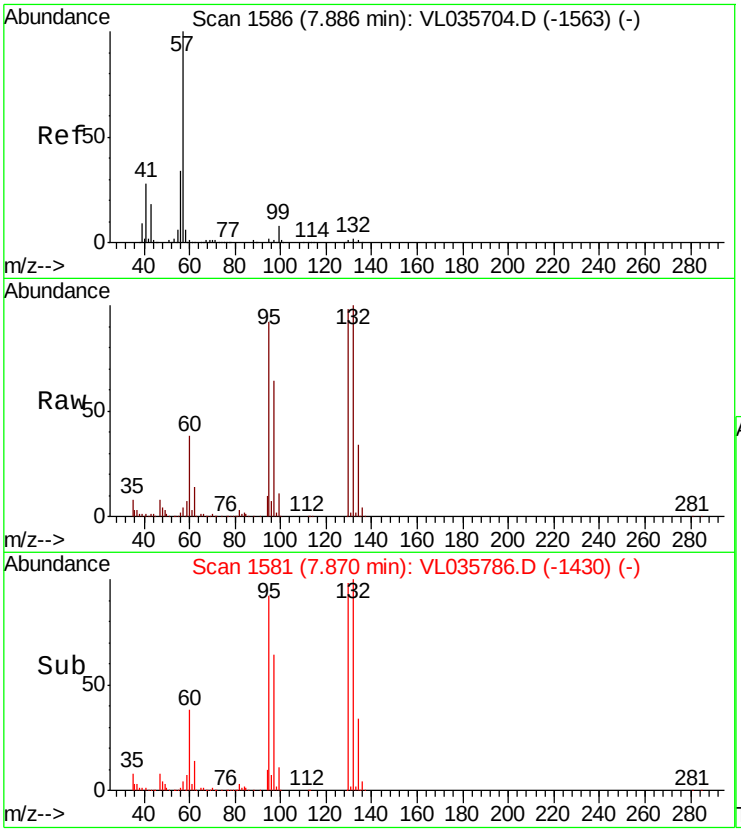


#43
Methyl Methacrylate
Concen: 0.042 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 69 Resp: 4277

Ion	Ratio	Lower	Upper
69	100		
41	95.0	79.8	119.6
100	42.9	30.6	46.0



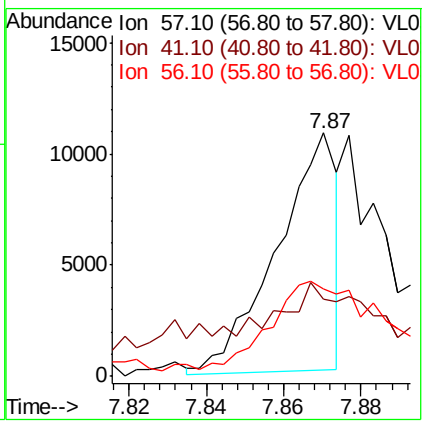


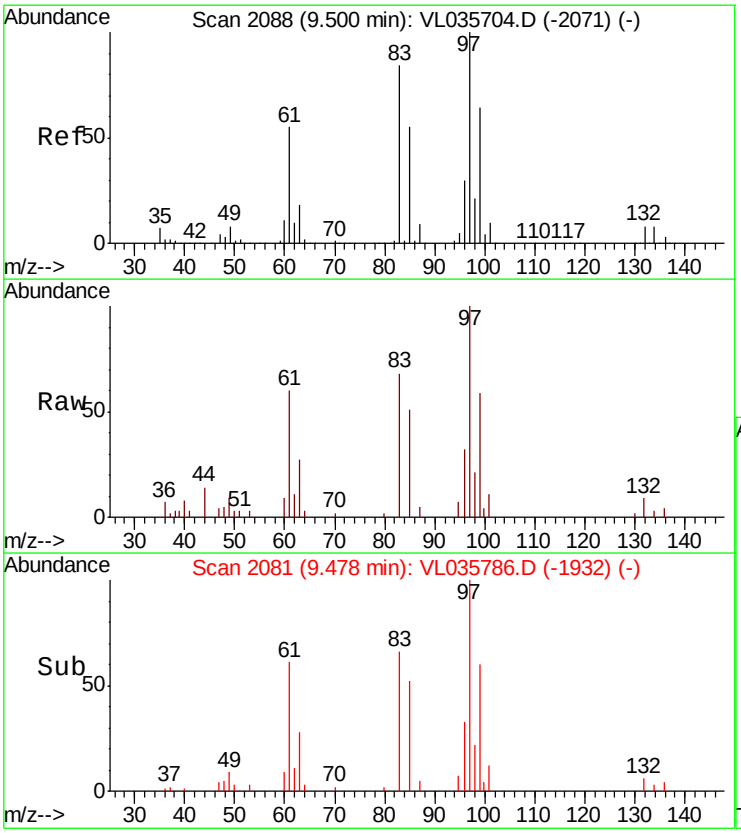
#44
2,2,4-Trimethylpentane
Concen: 0.031 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 11499

Ion	Ratio	Lower	Upper
57	100		
41	104.0	21.2	31.8#
56	88.5	25.8	38.8#

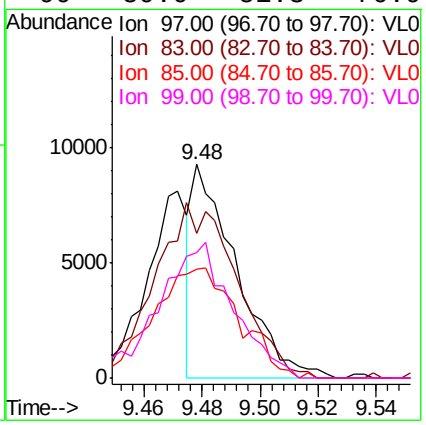


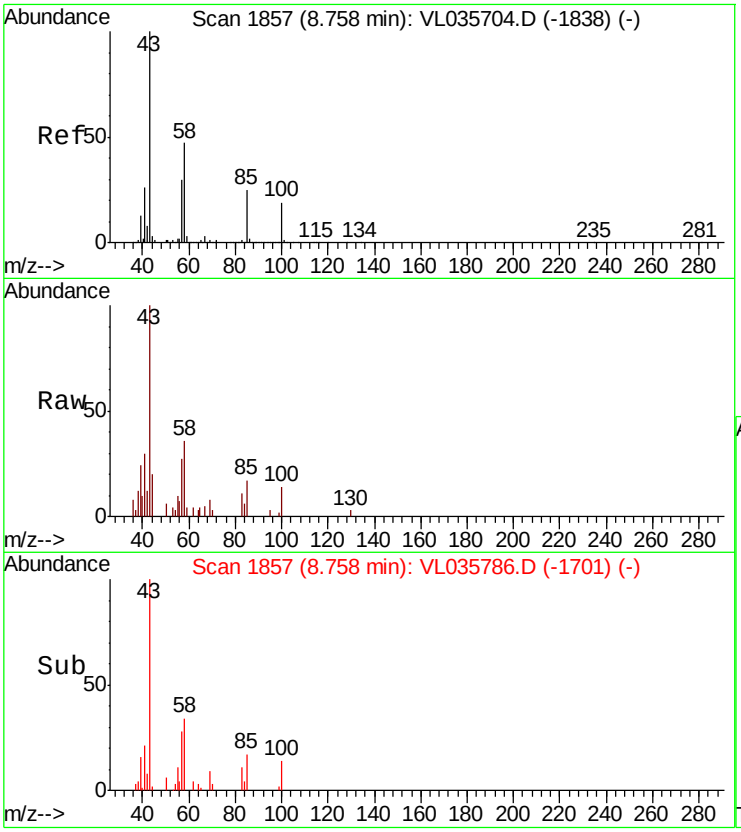


#47
1,1,2-Trichloroethane
Concen: 0.073 ppbv
RT: 9.48 min Scan# 2081
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 97 Resp: 9728

Ion	Ratio	Lower	Upper
97	100		
83	67.7	67.1	100.7
85	50.7	43.9	65.9
99	59.0	51.3	76.9



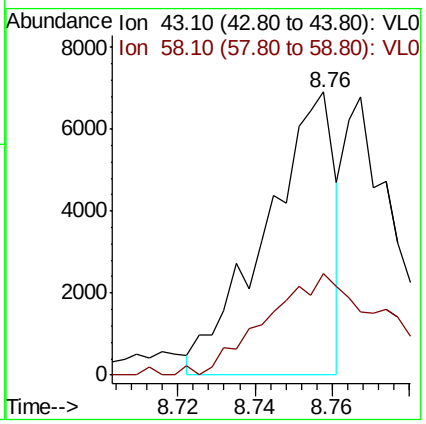


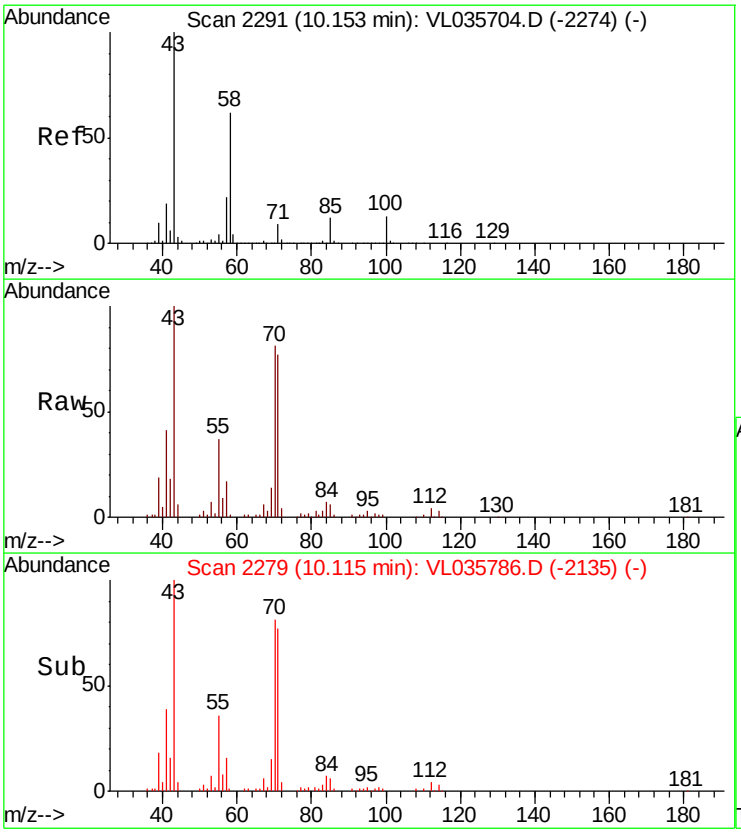
#50
4-Methyl-2-Pentanone
Concen: 0.045 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.00 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 8545

Ion	Ratio	Lower	Upper
43	100		
58	62.7	36.6	54.8#

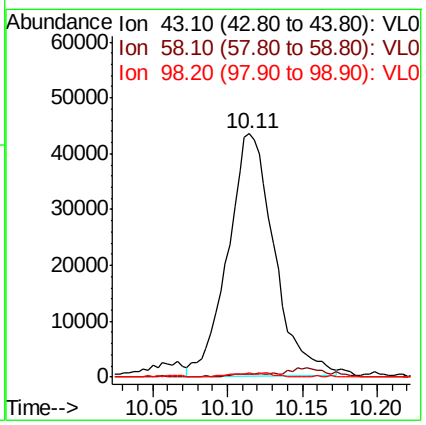


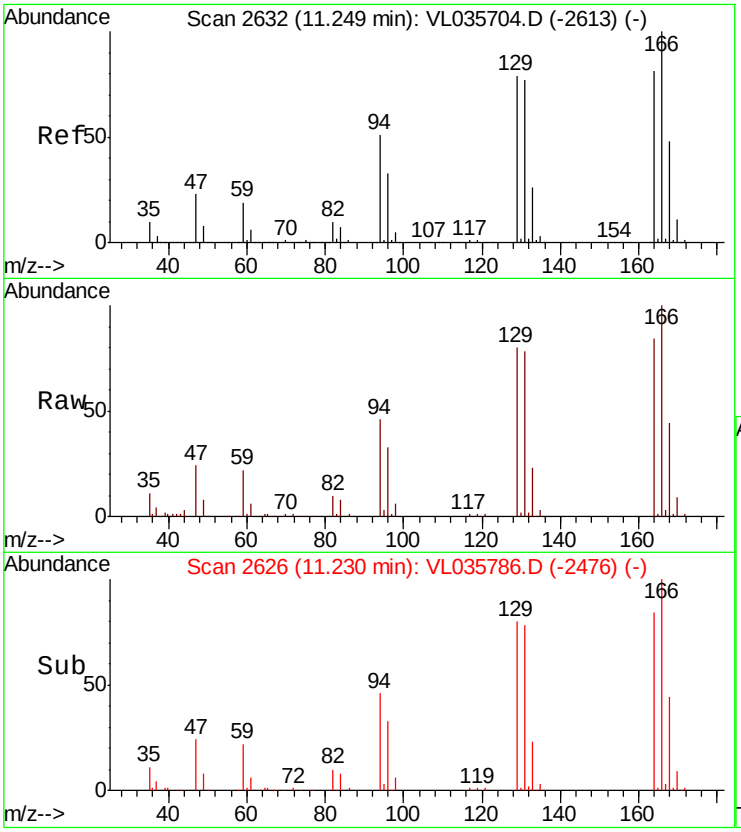


#51
2-Hexanone
Concen: 0.608 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. -0.04 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 43 Resp: 93730

Ion	Ratio	Lower	Upper
43	100		
58	4.5	48.7	73.1#
98	1.7	0.7	1.1#



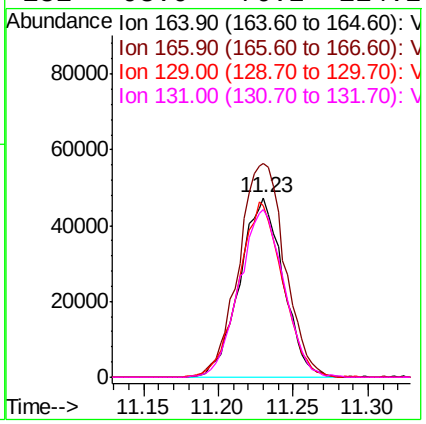


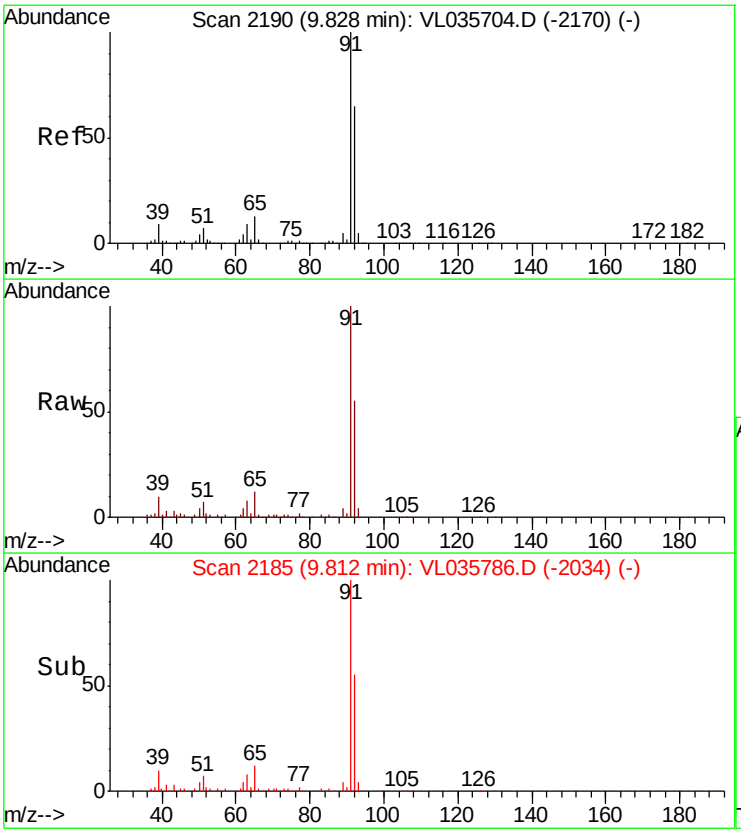
#52
Tetrachloroethene
Concen: 0.769 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 95538

Ion	Ratio	Lower	Upper
164	100		
166	118.8	98.7	148.1
129	95.2	78.4	117.6
131	93.0	76.2	114.2

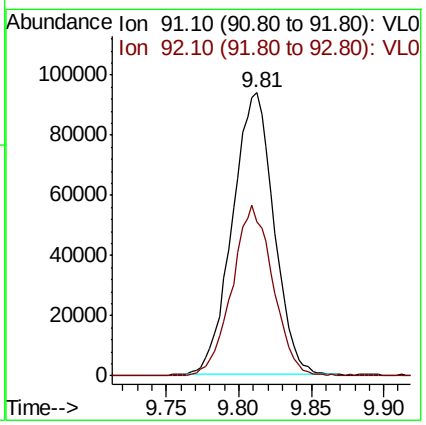


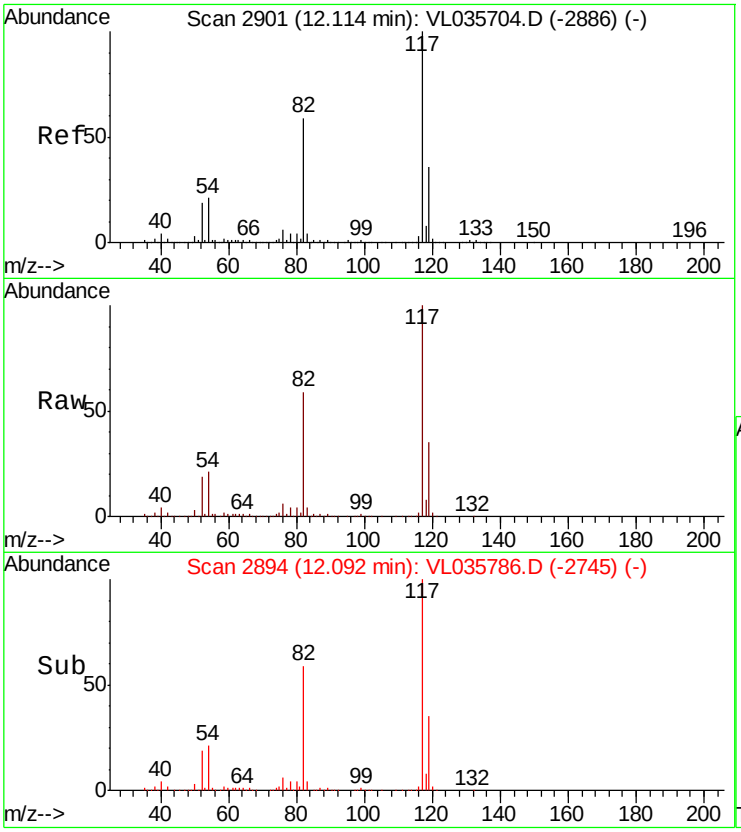


#53
Toluene
Concen: 0.611 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 91 Resp: 185932

Ion	Ratio	Lower	Upper
91	100		
92	59.9	50.0	75.0



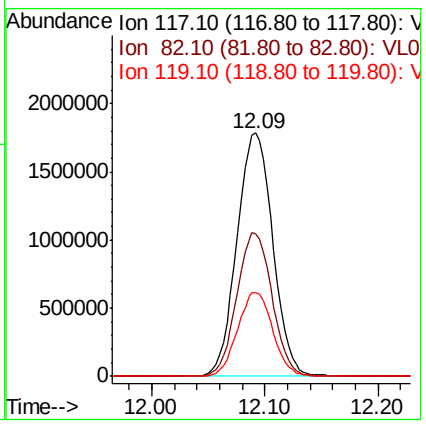


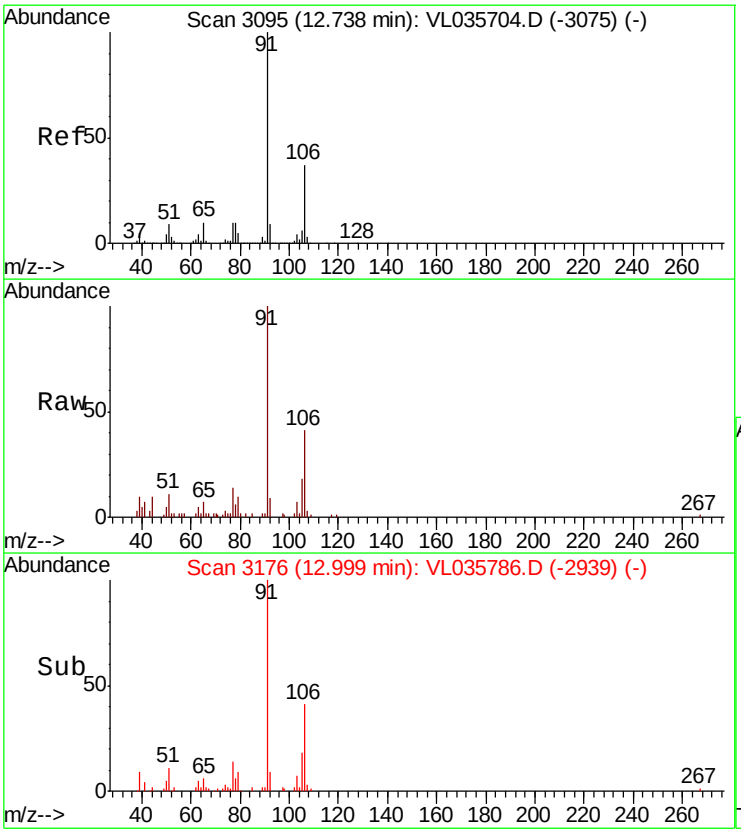
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3935439

Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.1	69.1
119	34.0	28.0	42.0

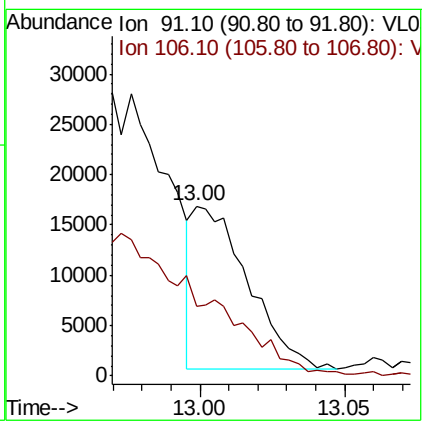


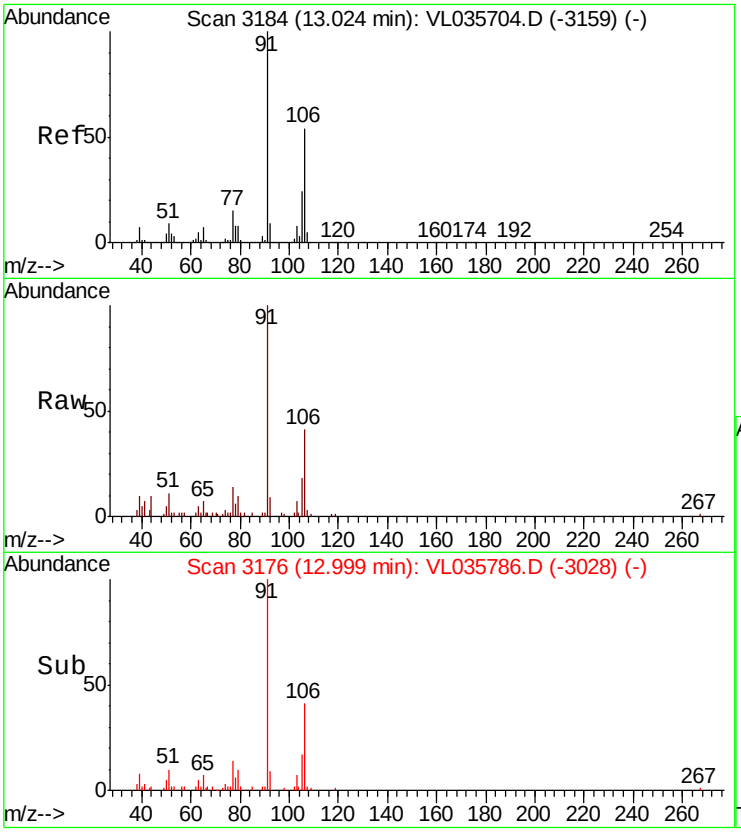


#58
Ethyl Benzene
Concen: 0.054 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.26 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 91 Resp: 21183

Ion	Ratio	Lower	Upper
91	100		
106	39.7	29.7	44.5



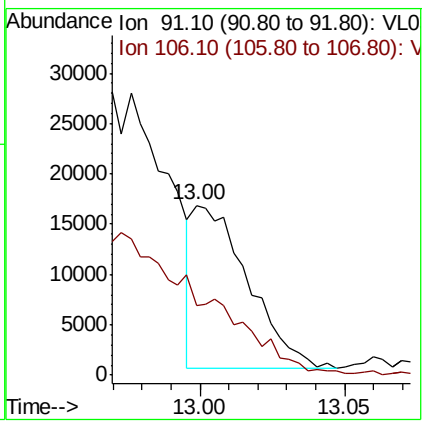


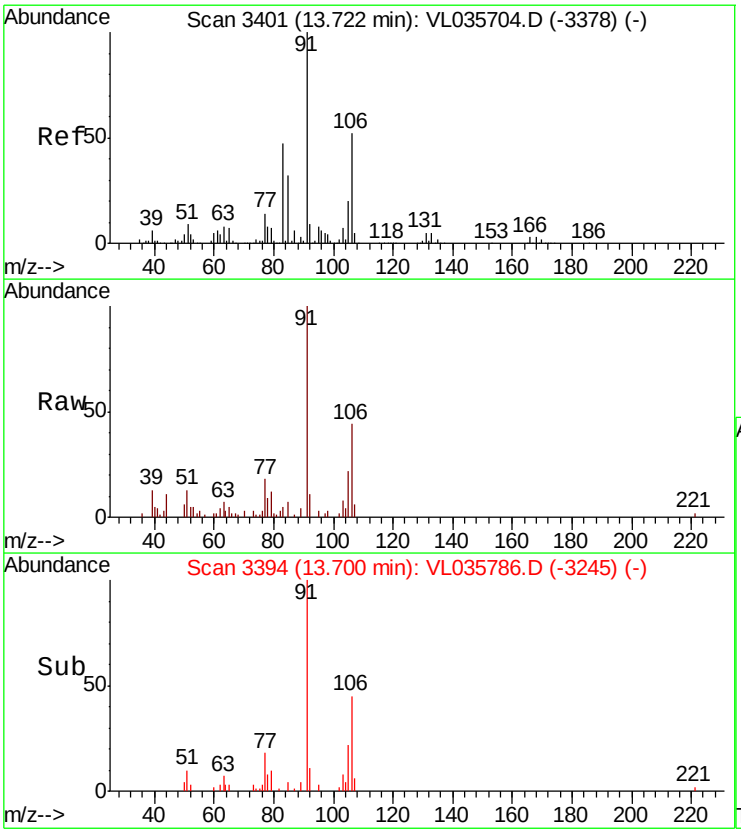
#59
m/p-Xylene
Concen: 0.061 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 21183

Ion	Ratio	Lower	Upper
91	100		
106	0.0	41.4	62.0#

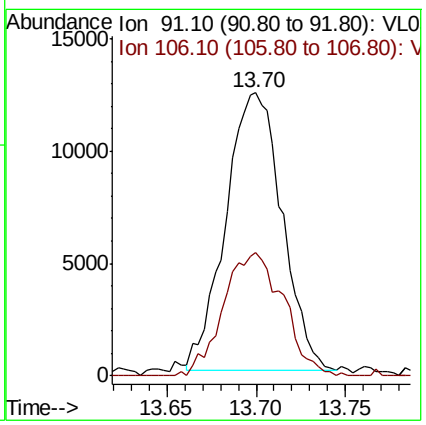


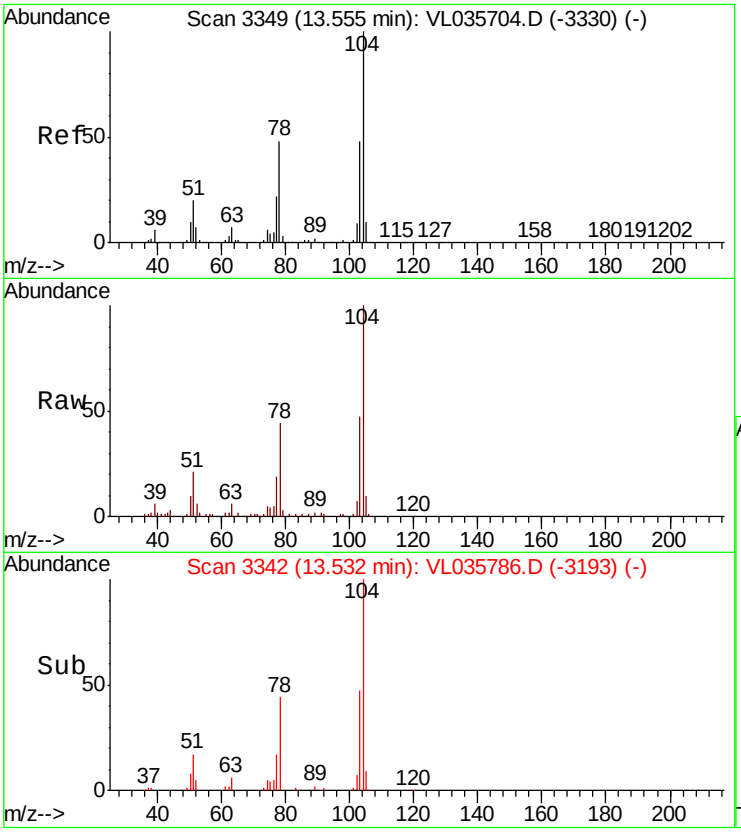


#60
o-Xylene
Concen: 0.078 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion: 91 Resp: 27252

Ion	Ratio	Lower	Upper
91	100		
106	47.2	25.0	75.0



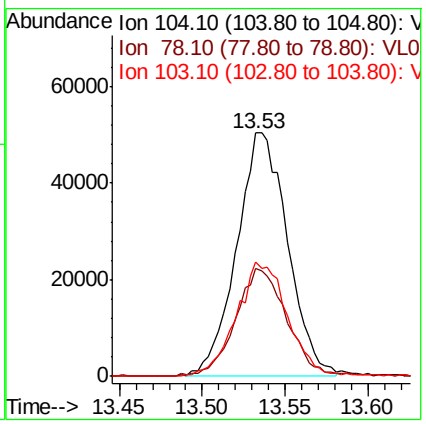


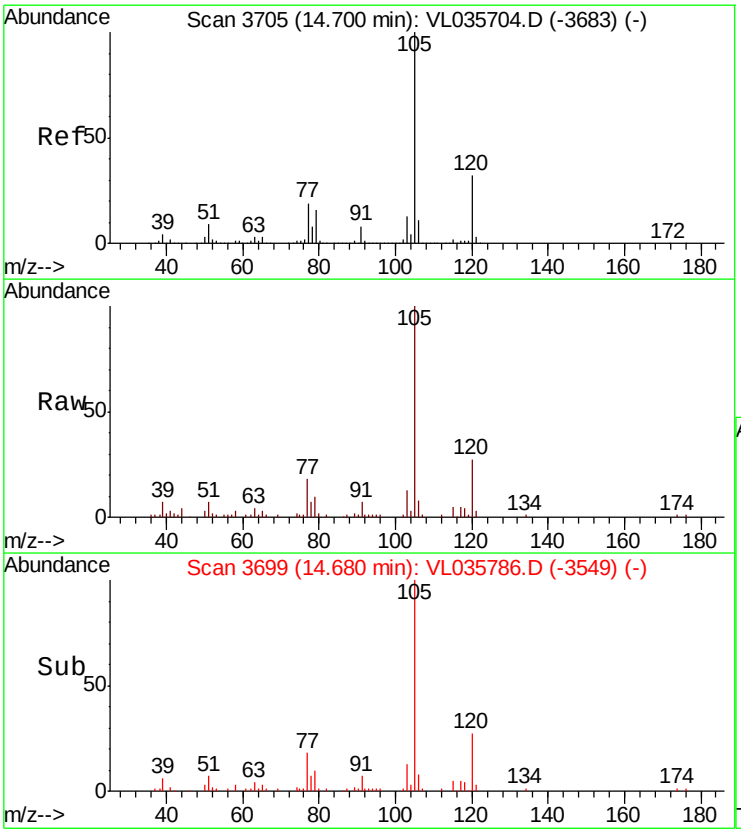
#61
Stvrene
Concen: 0.443 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 106891

Ion	Ratio	Lower	Upper
104	100		
78	45.5	37.2	55.8
103	47.8	38.2	57.2

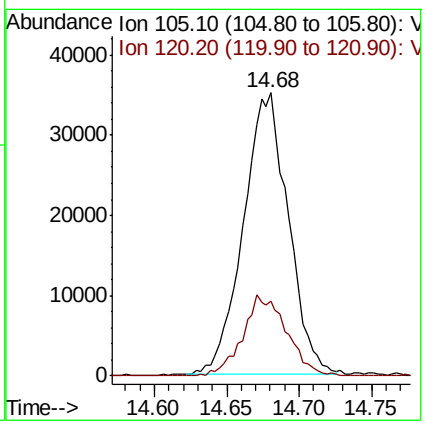


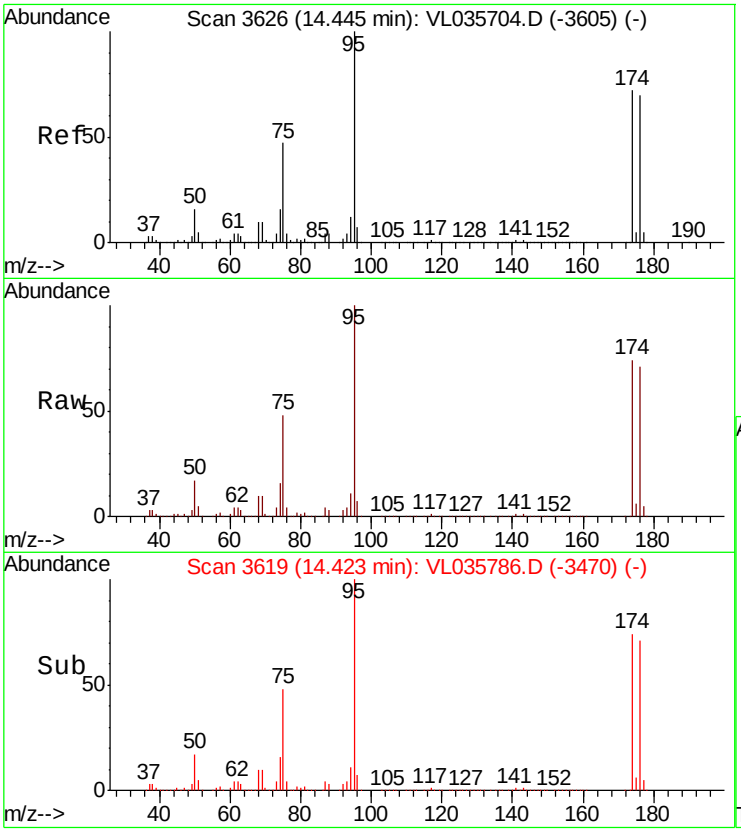


#62
Isopropylbenzene
Concen: 0.140 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:105 Resp: 75768

Ion	Ratio	Lower	Upper
105	100		
120	27.8	24.1	36.1



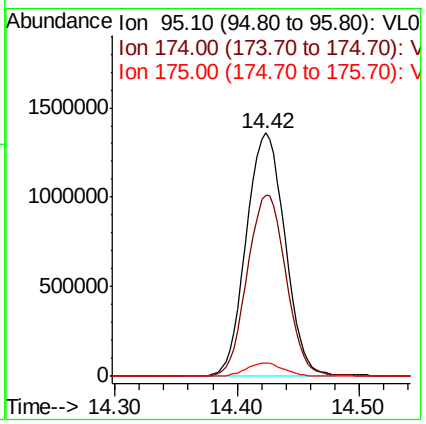


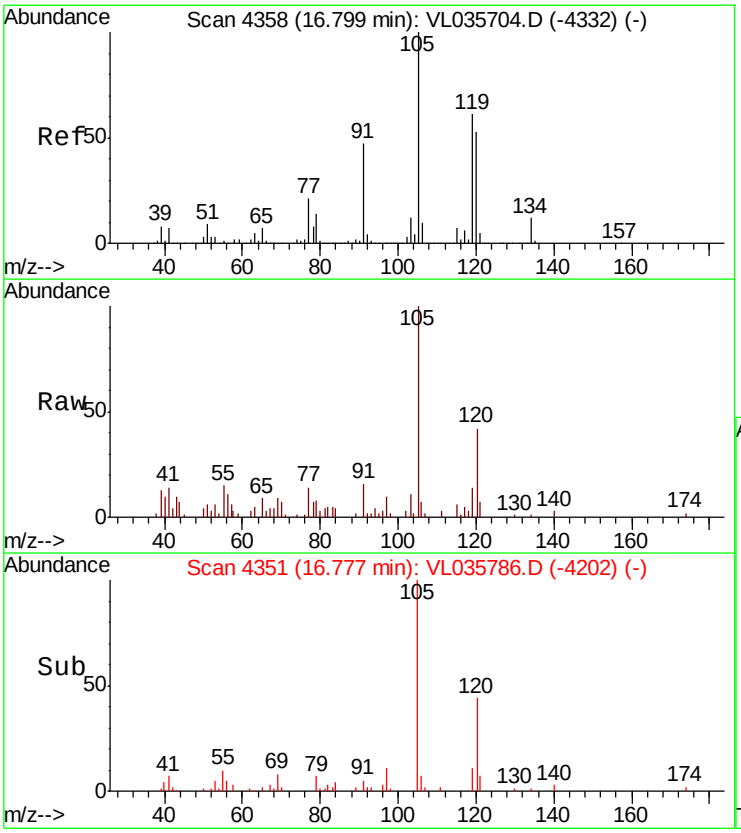
#68
1-Bromo-4-Fluorobenzene
Concen: 10.143 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2991166

Ion	Ratio	Lower	Upper
95	100		
174	75.2	59.6	89.4
175	5.4	4.2	6.4

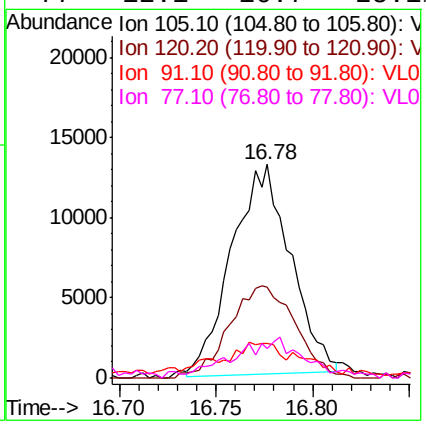


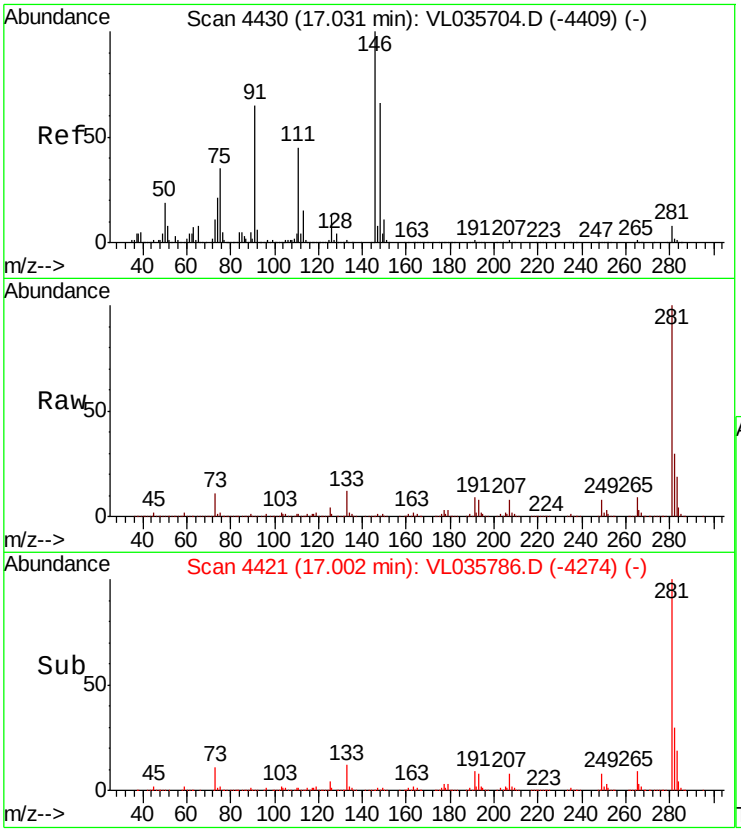


#74
1,2,4-Trimethylbenzene
Concen: 0.063 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:105 Resp: 27625

Ion	Ratio	Lower	Upper
105	100		
120	42.0	42.5	63.7#
91	13.5	37.7	56.5#
77	12.1	16.7	25.1#



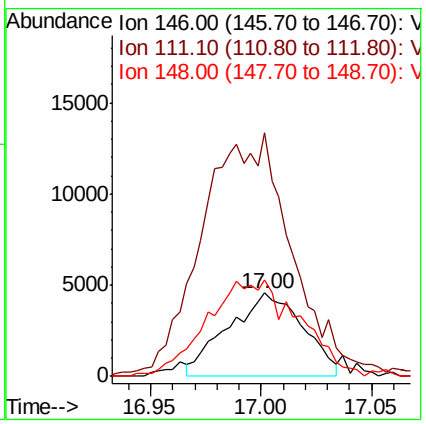


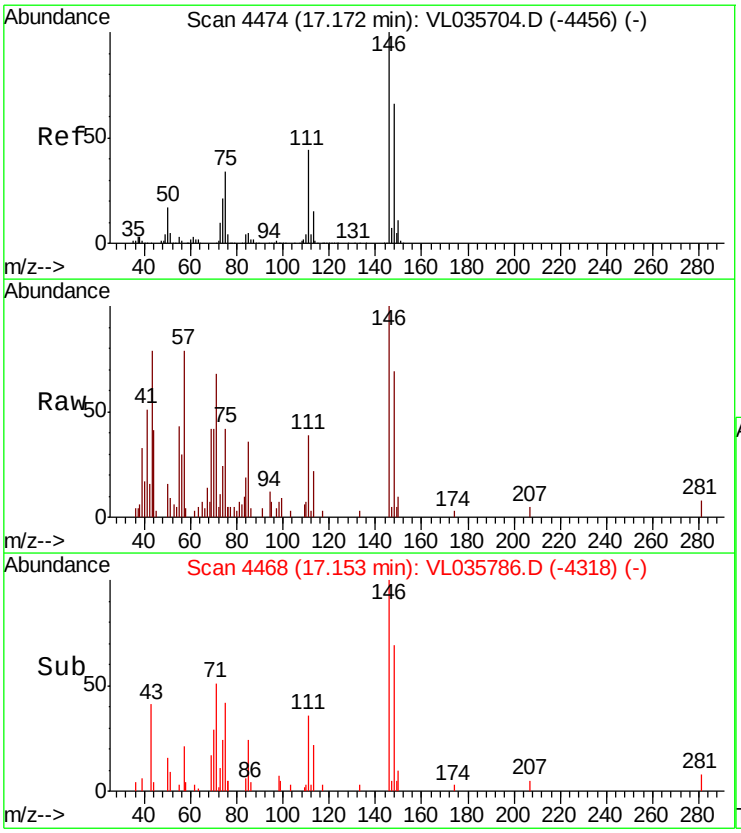
#75
1,3-Dichlorobenzene
Concen: 0.036 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. -0.03 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 10815

Ion	Ratio	Lower	Upper
146	100		
111	355.8	22.4	67.0#
148	143.6	33.0	99.0#

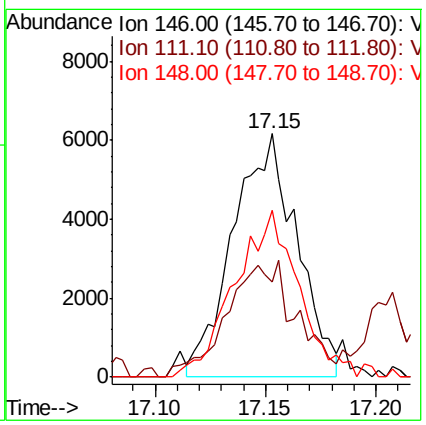


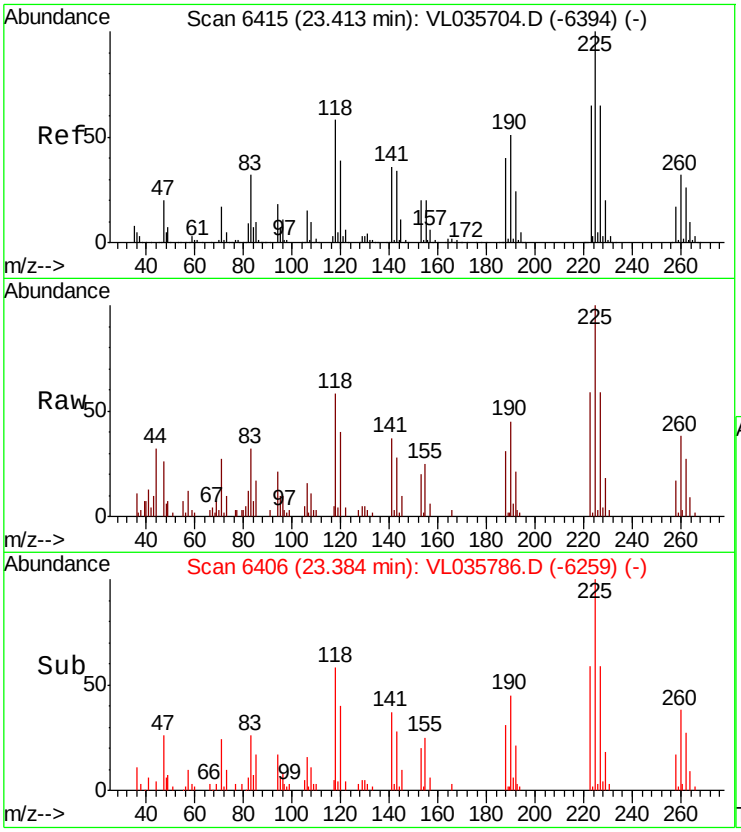


#76
1,4-Dichlorobenzene
Concen: 0.043 ppbv
RT: 17.15 min Scan# 4468
Delta R.T. -0.02 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:146 Resp: 12378

Ion	Ratio	Lower	Upper
146	100		
111	51.2	21.4	64.3
148	69.0	32.6	98.0



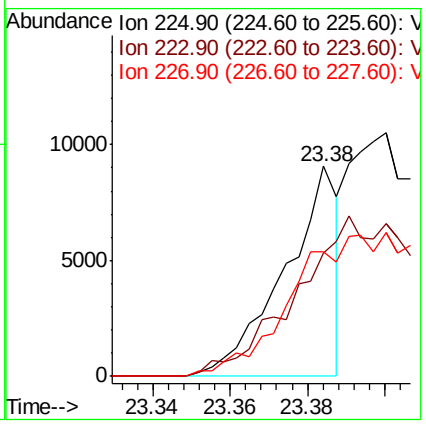


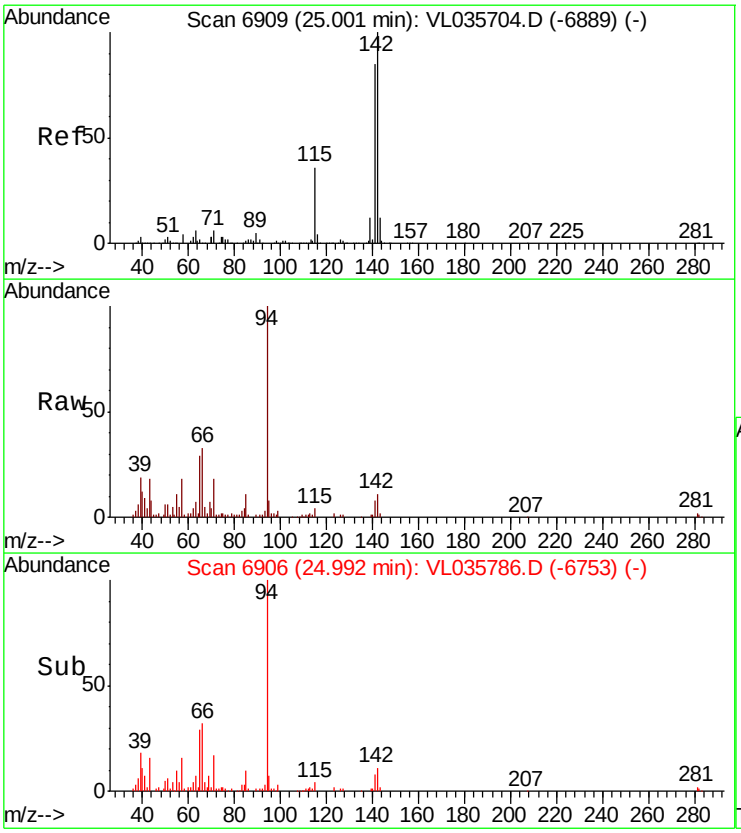
#78
Hexachloro-1,3-Butadiene
Concen: 0.056 ppbv
RT: 23.38 min Scan# 6406
Delta R.T. -0.03 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:225 Resp: 8697

Ion	Ratio	Lower	Upper
225	100		
223	186.7	51.3	76.9#
227	0.0	51.6	77.4#





#80
Naphthalene,2-methyl-
Concen: 0.099 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. -0.01 min
Lab File: VL035786.D
Acq: 16 Oct 2020 15:14

Tgt Ion:142 Resp: 9766

Ion	Ratio	Lower	Upper
142	100		
141	90.8	68.2	102.4
115	41.1	27.8	41.6