Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037823.D
Acq On : 8 Oct 2021 9:05
Operator : SY/AP
Sample : M4012-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P23

Quant Time: Oct 08 10:11:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1334369	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3803209	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.07	117	3355359	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2456790	10.47	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	88347	0.415	ppbv		99
3) Chlorodifluoromethane	2.98	51	115729	0.451	ppbv	#	83
4) Chloromethane	3.13	50	52579	0.560	ppbv		93
6) Bromomethane	3.47	94	2575	0.055	ppbv	#	61
9) Propene	3.02	41	289888	3.073	ppbv	#	64
10) Heptane	8.11	43	90781	0.424	ppbv	#	79
11) Trichlorofluoromethane	3.94	101	29004	0.153	ppbv		100
13) Ethanol	3.63	45	32576759	4222.522	ppbv		94
15) Acetone	3.83	43	17791481	148.527	ppbv		90
16) 1,3-Butadiene	3.30	39	10655	0.122	ppbv	#	72
17) tert-Butyl alcohol	4.31	59	106945	0.867	ppbv	#	60
19) Isopropyl Alcohol	3.99	45	10954826	147.001	ppbv	#	1
20) Methylene Chloride	4.33	84	1489531	24.611	ppbv		97
21) Allyl Chloride	4.34	41	39153	0.369	ppbv	#	23
23) Vinyl Acetate	5.05	43	202707	1.129	ppbv	#	35
25) Ethyl Acetate	5.67	43	903030	2.687	ppbv	#	90
26) Hexane	5.67	57	858820	5.189	ppbv	#	58
27) Carbon Disulfide	4.54	76	4820	0.033	ppbv	#	51
29) Chloroform	5.74	83	212201	0.897	ppbv		88
30) Cyclohexane	7.12	84	47854	0.341	ppbv		92
34) 2-Butanone	5.23	43	286930	1.869	ppbv		91
35) Carbon Tetrachloride	7.01	117	4506	0.021	ppbv	#	91
36) Benzene	6.87	78	66850	0.206	ppbv	#	91
37) 1,2-Dichloroethane	6.29	62	97879	0.640	ppbv	#	93
39) 1,2-Dichloropropane	7.16	63	890583	7.289	ppbv	#	27
41) Tetrahydrofuran	6.30	42	16285	0.217	ppbv	#	40
42) Bromodichloromethane	7.78	83	23734	0.106	ppbv	#	74
43) Methyl Methacrylate	8.00	69	2305	0.022	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.85	57	119422	0.219	ppbv	#	44
50) 4-Methyl-2-Pentanone	8.73	43	11208	0.056	ppbv	#	38
51) 2-Hexanone	10.12	43	6021	0.067	ppbv	#	1
52) Tetrachloroethene	11.20	164	14293	0.113	ppbv		88
53) Toluene	9.79	91	1096806	3.047	ppbv		98
58) Ethyl Benzene	12.69	91	400014	0.888	ppbv		95
59) m/p-Xylene	12.95	91	945577	2.445	ppbv		98
60) o-Xylene	13.67	91	372145	1.004	ppbv		99
61) Styrene	13.51	104	61332	0.342	ppbv	#	21
62) Isopropylbenzene	14.64	105	24755	0.048	ppbv	#	48
64) n-propylbenzene	15.54	120	10275	0.080	ppbv	#	1
66) Benzyl Chloride	16.95	91	924	0.041	ppbv	#	81
69) p-Isopropyltoluene	17.63	119	26219	0.052	ppbv	#	48

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037823.D
Acq On : 8 Oct 2021 9:05
Operator : SY/AP
Sample : M4012-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P23

Quant Time: Oct 08 10:11:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) n-Butylbenzene	18.52	91	9587	0.020	ppbv	#	33
72) 4-Ethyltoluene	15.82	105	17848	0.042	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.97	105	28329	0.074	ppbv	#	86
74) 1,2,4-Trimethylbenzene	16.74	105	218951	0.545	ppbv	#	67
76) 1,4-Dichlorobenzene	17.11	146	11204	0.047	ppbv	#	1
79) Naphthalene	22.17	128	66545	0.271	ppbv	#	91
80) Naphthalene,2-methyl-	24.95	142	62555	0.948	ppbv	#	77

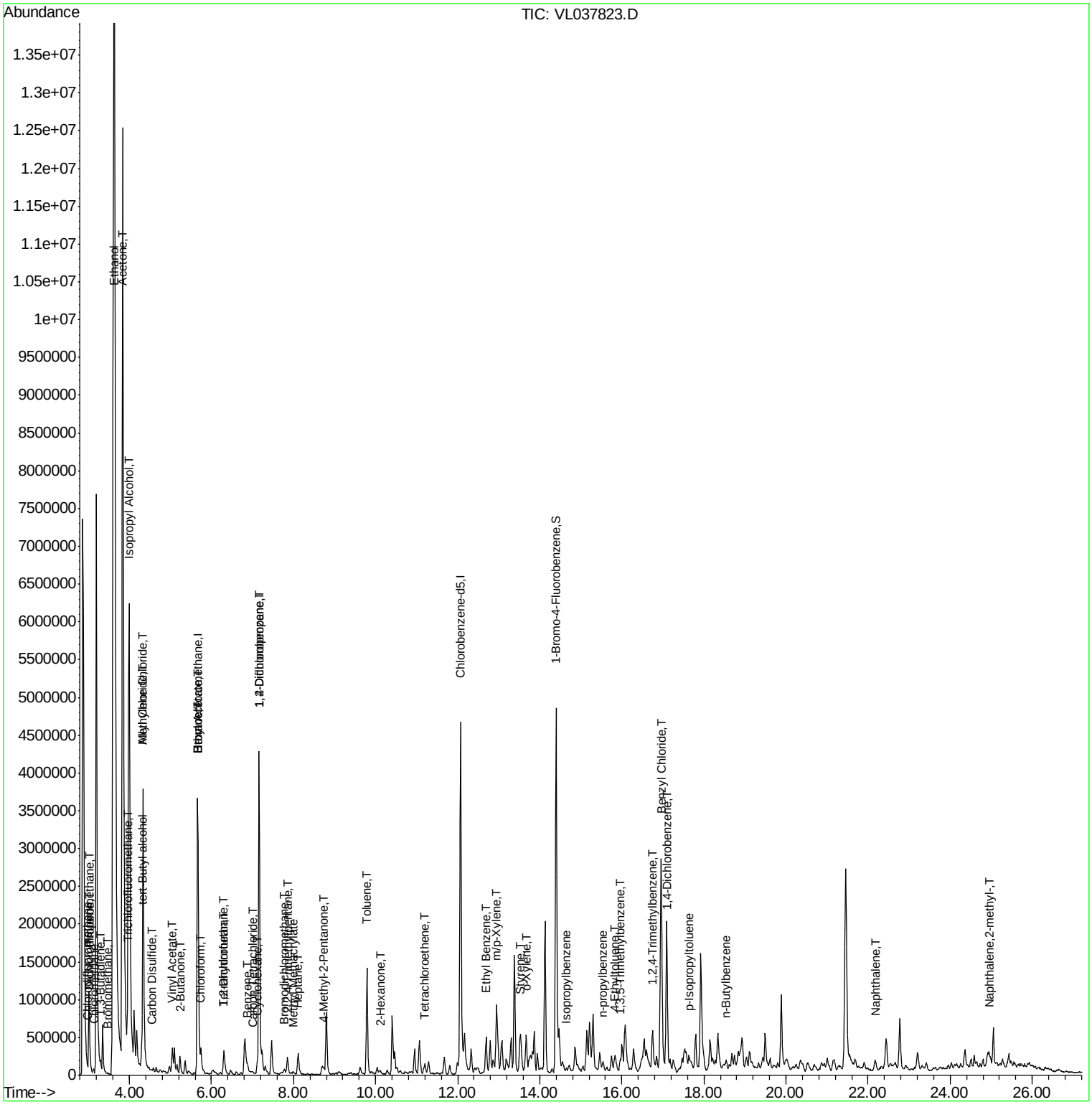
(#) = qualifier out of range (m) = manual integration (+) = signals summed

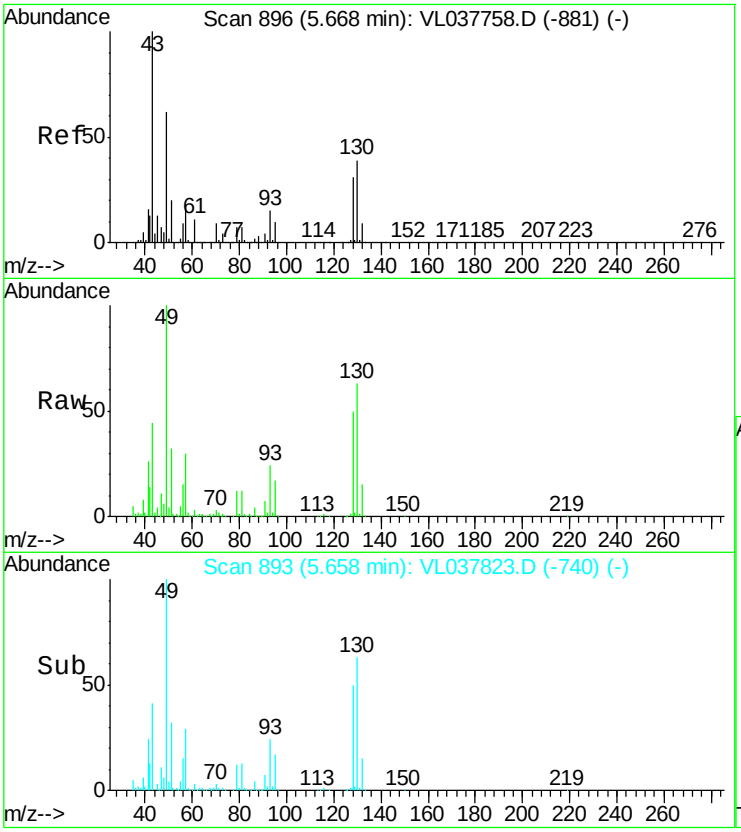
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037823.D
Acq On : 8 Oct 2021 9:05
Operator : SY/AP
Sample : M4012-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P23

Quant Time: Oct 08 10:11:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



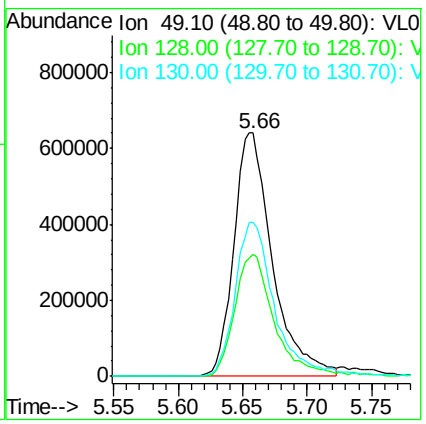


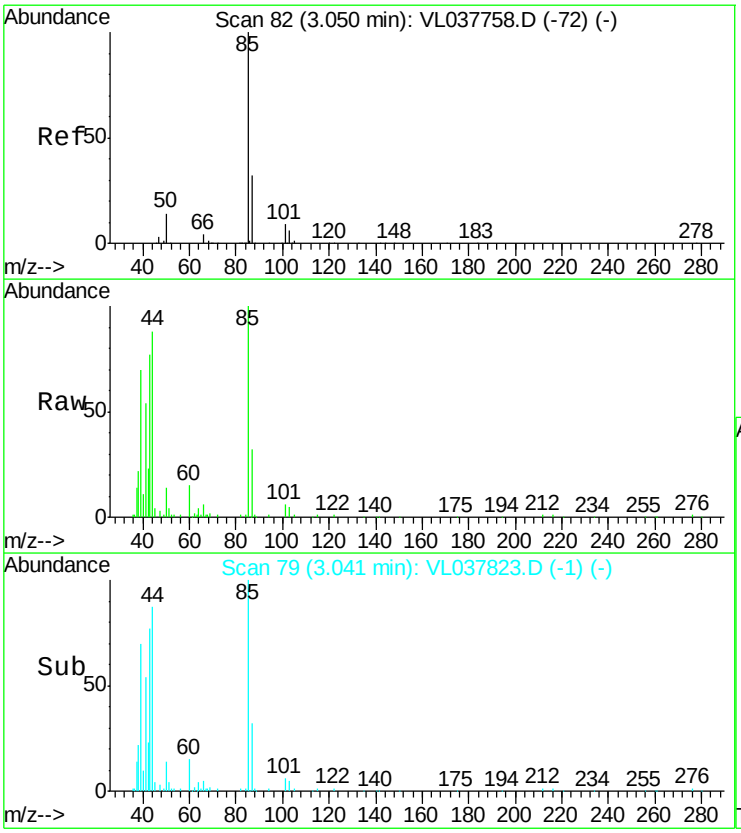
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument :
MSVOA_L
ClientSampleId :
C0P23

Tgt Ion: 49 Resp: 1334369

Ion	Ratio	Lower	Upper
49	100		
128	51.7	27.1	81.3
130	65.9	33.2	99.6

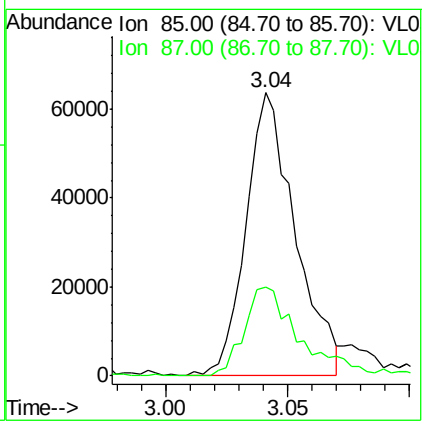


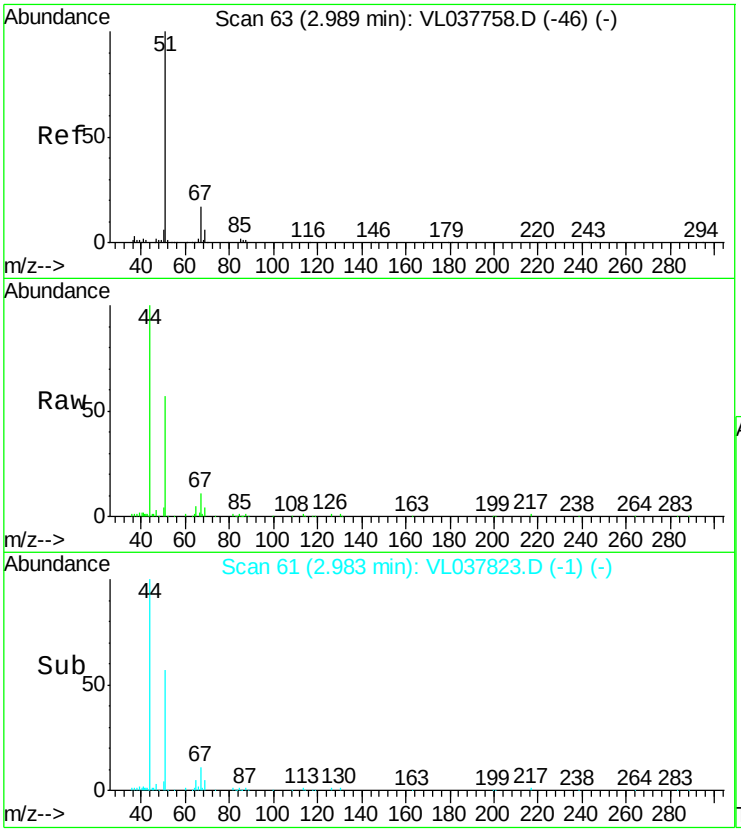


#2
Dichlorodifluoromethane
Concen: 0.415 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 85 Resp: 88347

Ion	Ratio	Lower	Upper
85	100		
87	31.6	25.7	38.5



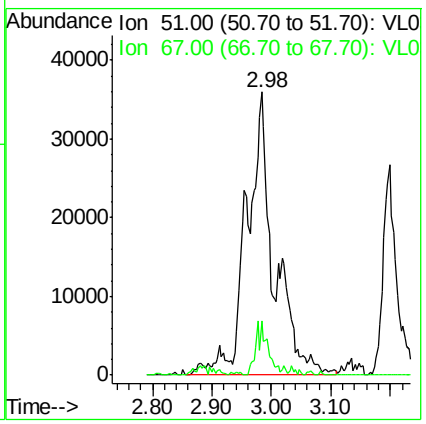


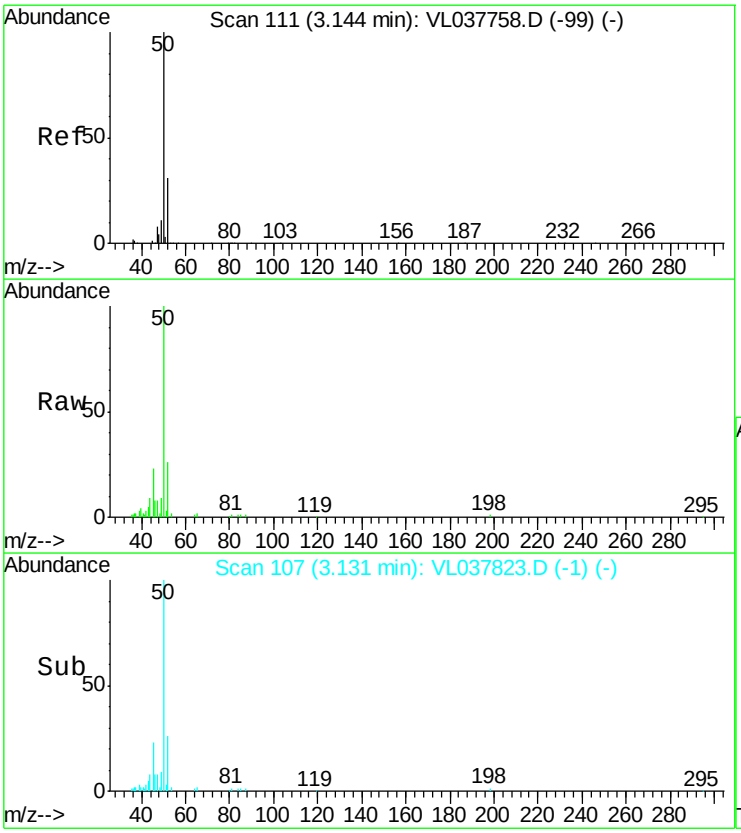
#3
Chlorodifluoromethane
Concen: 0.451 ppbv
RT: 2.98 min Scan# 61
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 51 Resp: 115729

Ion	Ratio	Lower	Upper
51	100		
67	9.7	13.5	20.3#

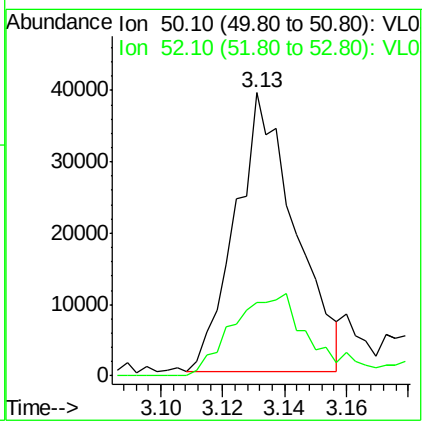


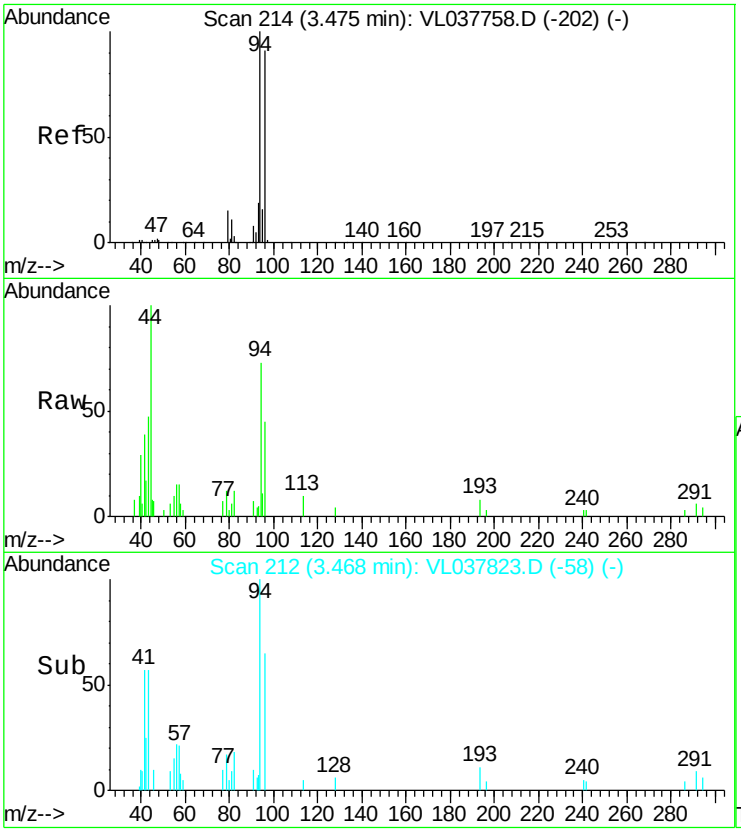


#4
Chloromethane
Concen: 0.560 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 50 Resp: 52579

Ion	Ratio	Lower	Upper
50	100		
52	26.5	24.4	36.6



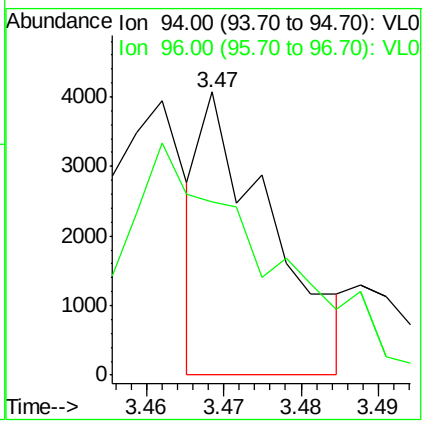


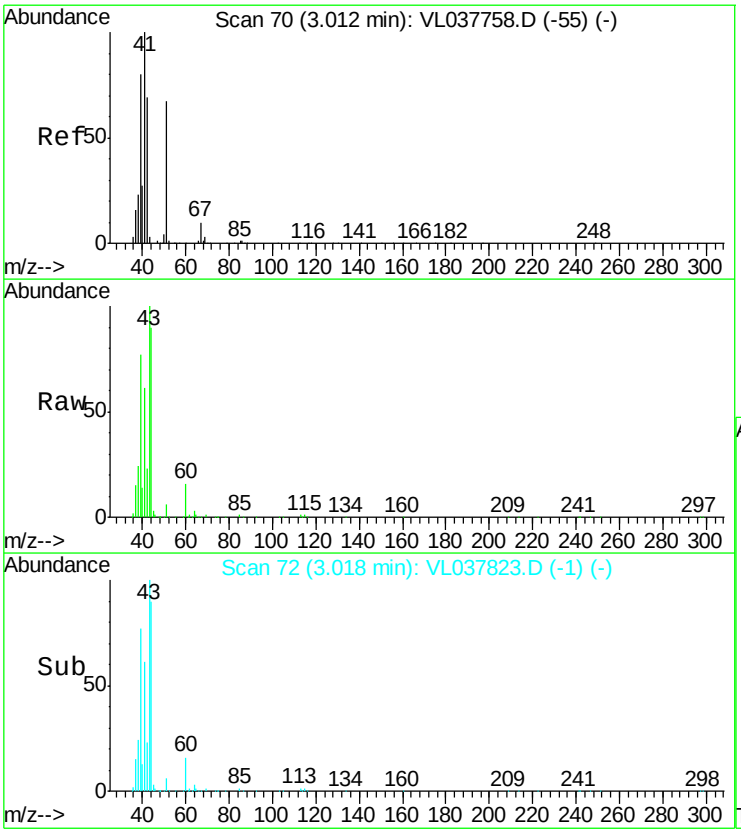
#6
Bromomethane
Concen: 0.055 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 94 Resp: 2575

Ion	Ratio	Lower	Upper
94	100		
96	53.6	72.5	108.7#

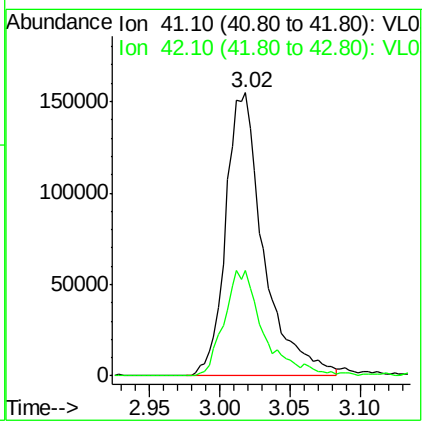


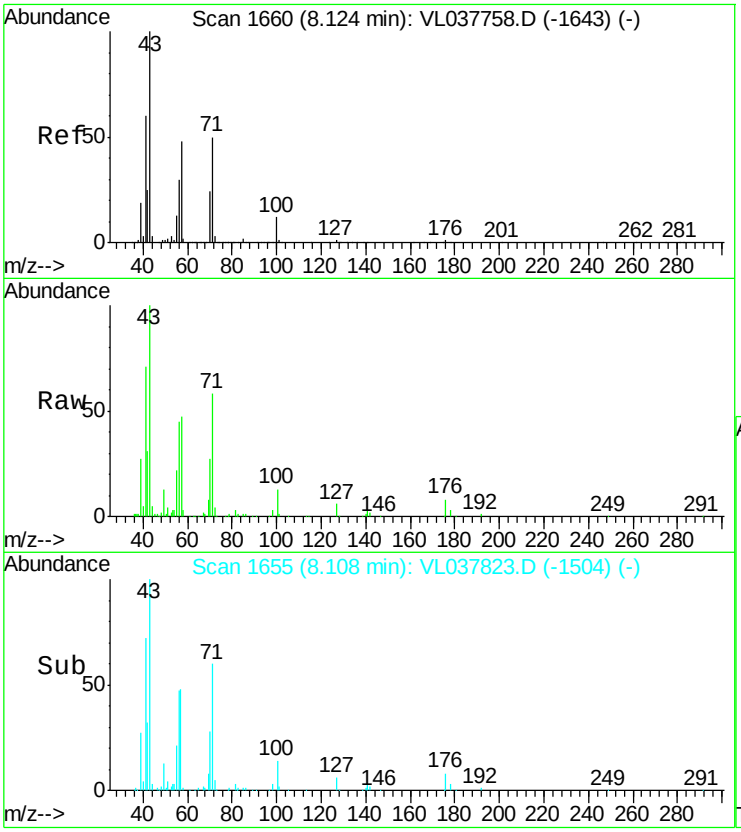


#9
Propene
Concen: 3.073 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 41 Resp: 289888

Ion	Ratio	Lower	Upper
41	100		
42	39.0	54.2	81.2#



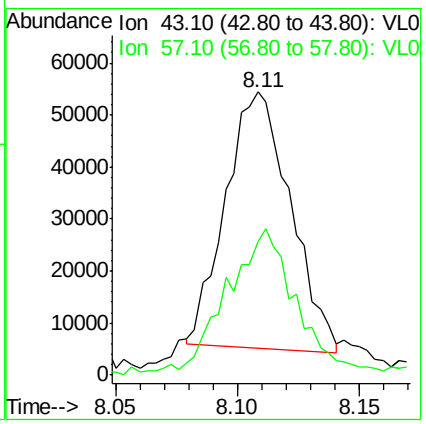


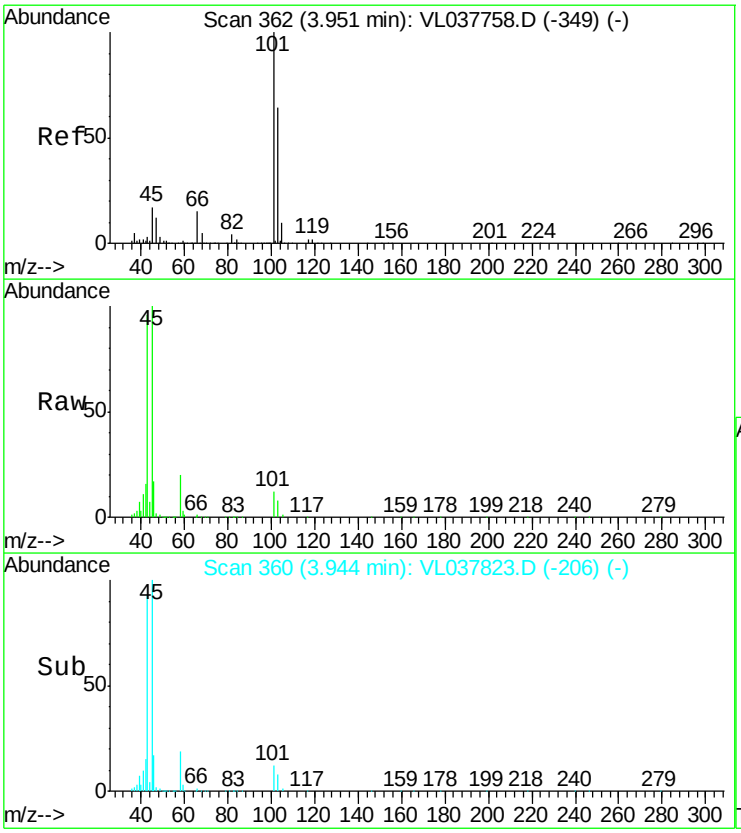
#10
Heptane
Concen: 0.424 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument :
MSVOA_L
ClientSampleId :
C0P23

Tgt Ion: 43 Resp: 90781

Ion	Ratio	Lower	Upper
43	100		
57	64.8	40.0	60.0#

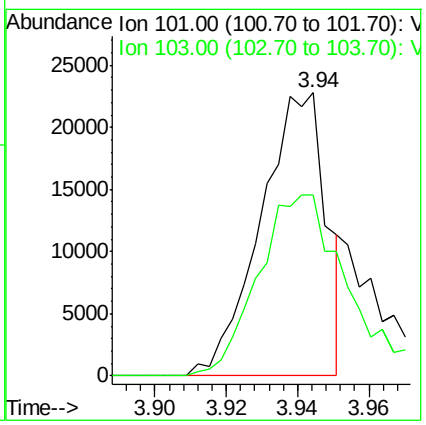


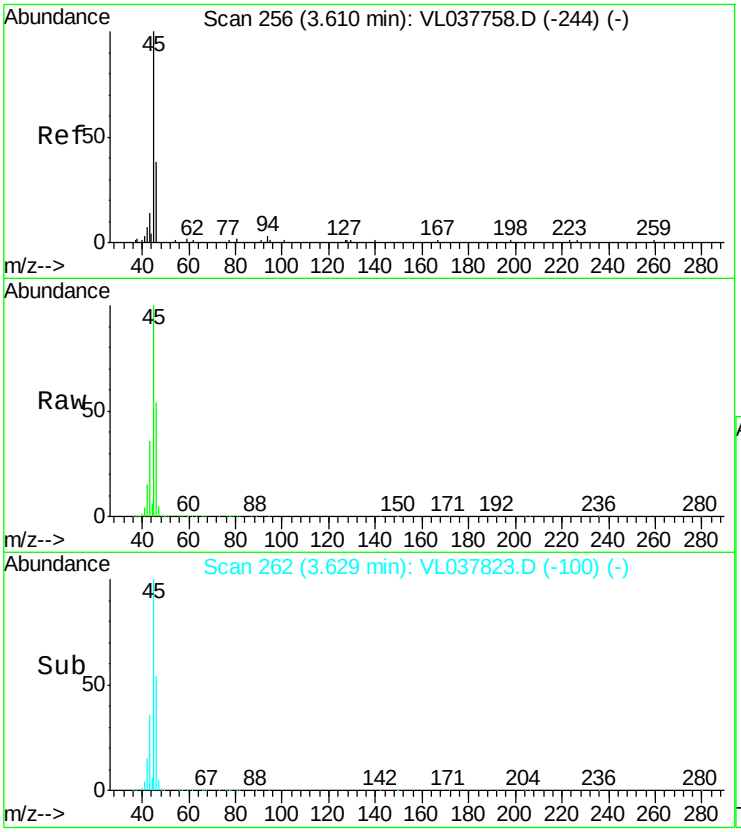


#11
Trichlorofluoromethane
Concen: 0.153 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:101 Resp: 29004

Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.5	77.3



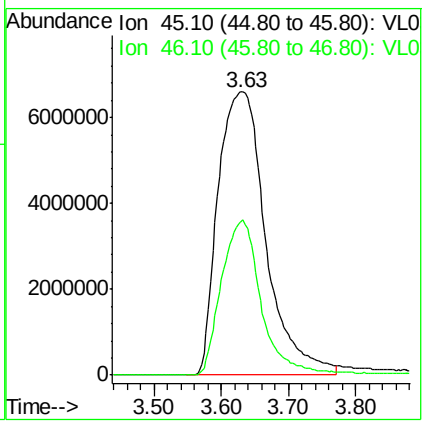


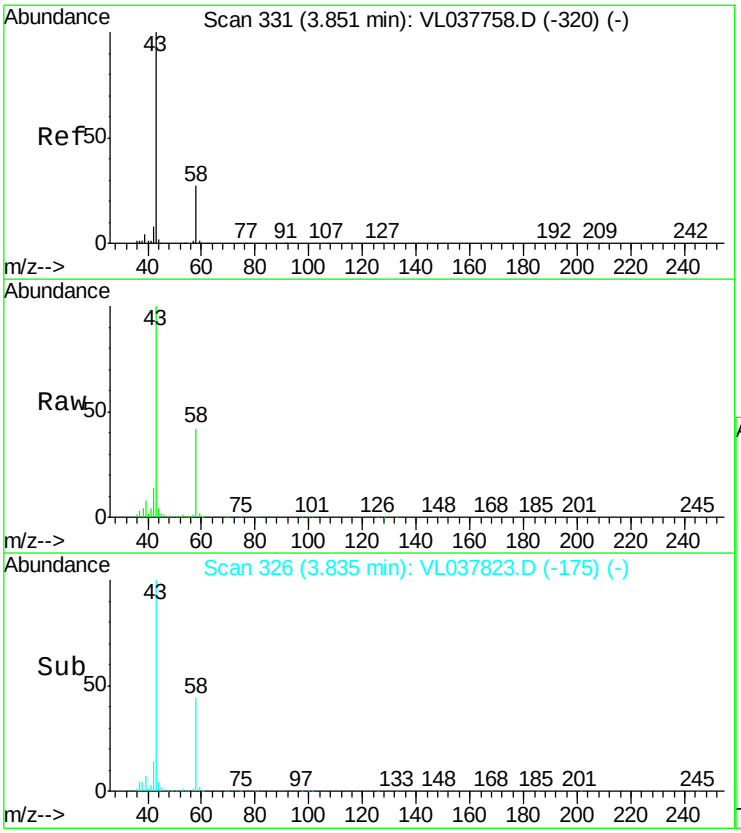
#13
Ethanol
Concen: 4222.522 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument :
MSVOA_L
ClientSampleId :
C0P23

Tgt Ion: 45 Resp:32576759

Ion	Ratio	Lower	Upper
45	100		
46	46.6	20.2	81.0

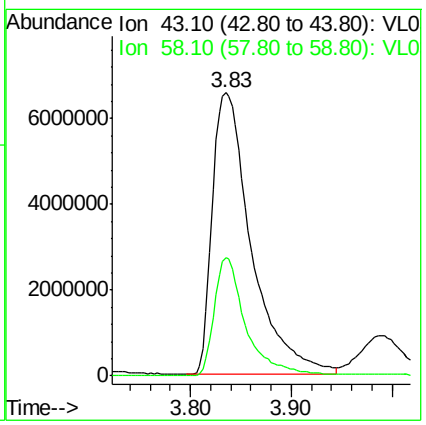


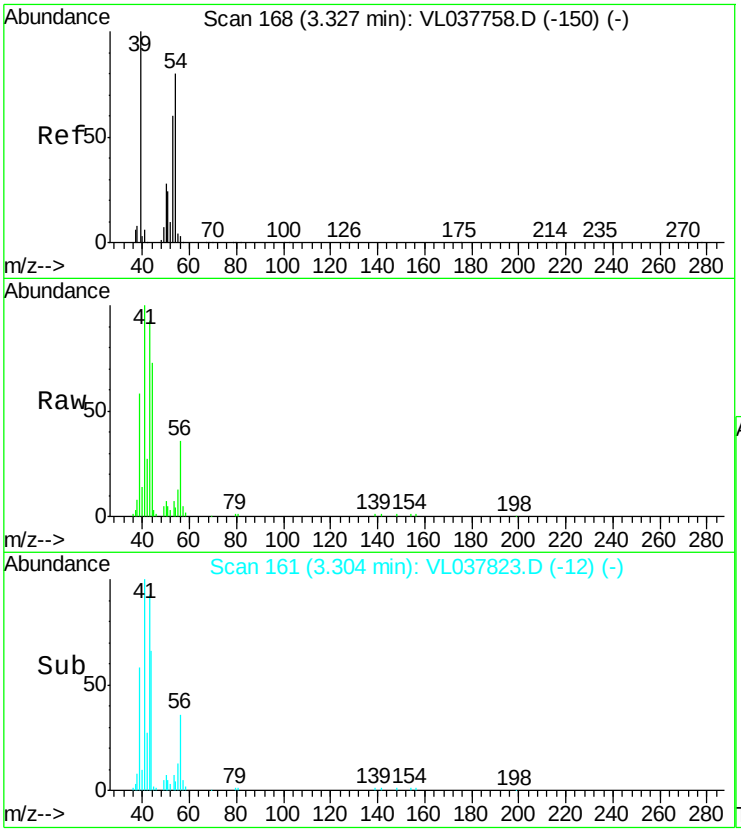


#15
Acetone
Concen: 148.527 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 43 Resp:17791481

Ion	Ratio	Lower	Upper
43	100		
58	34.3	23.0	34.6



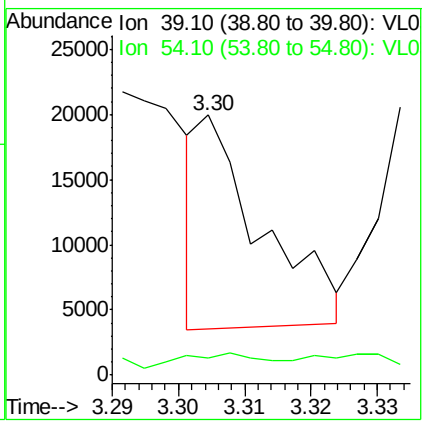


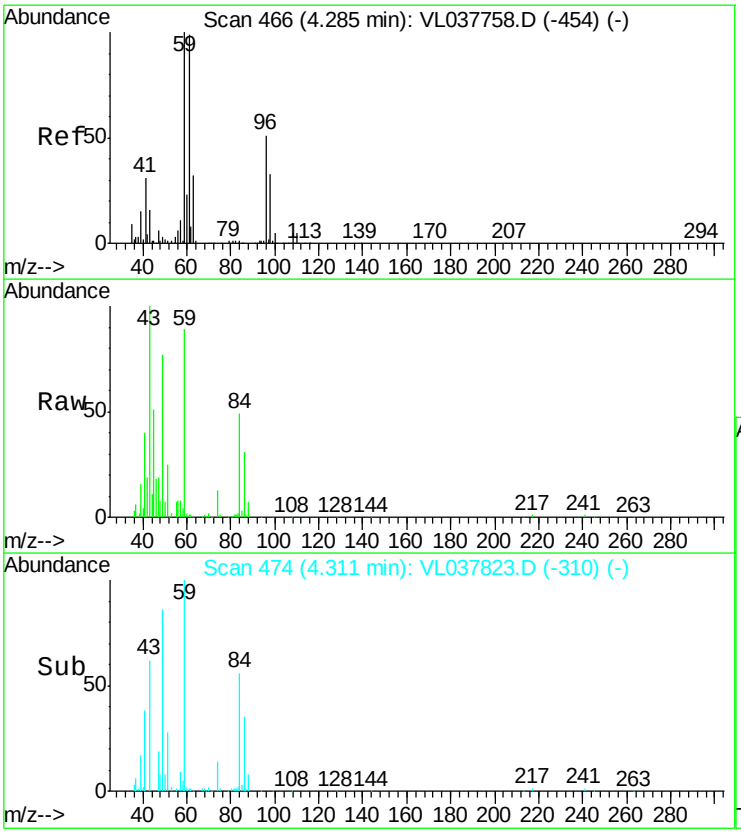
#16
1,3-Butadiene
Concen: 0.122 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 39 Resp: 10655

Ion	Ratio	Lower	Upper
39	100		
54	52.6	61.7	92.5#

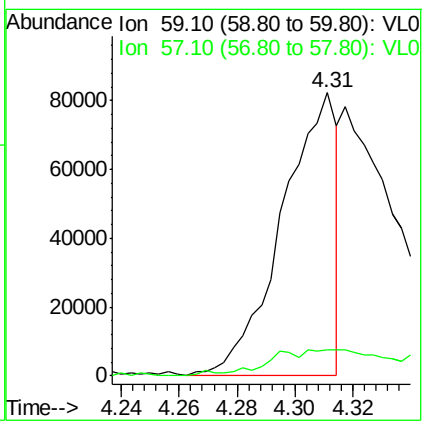


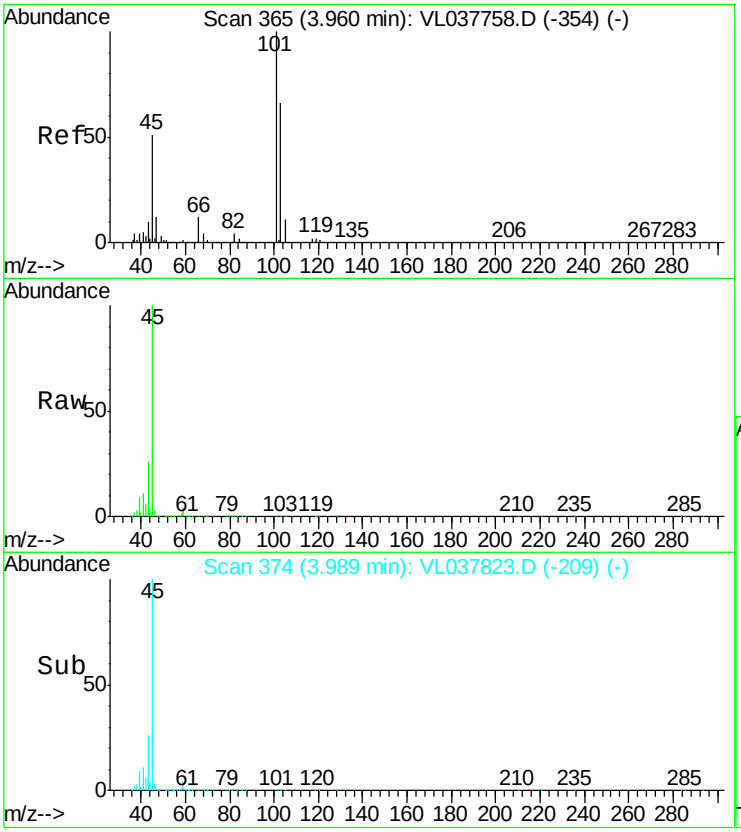


#17
tert-Butyl alcohol
Concen: 0.867 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.03 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 59 Resp: 106945

Ion	Ratio	Lower	Upper
59	100		
57	25.9	8.6	13.0#



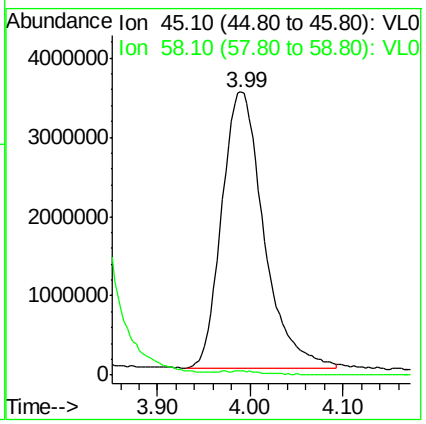


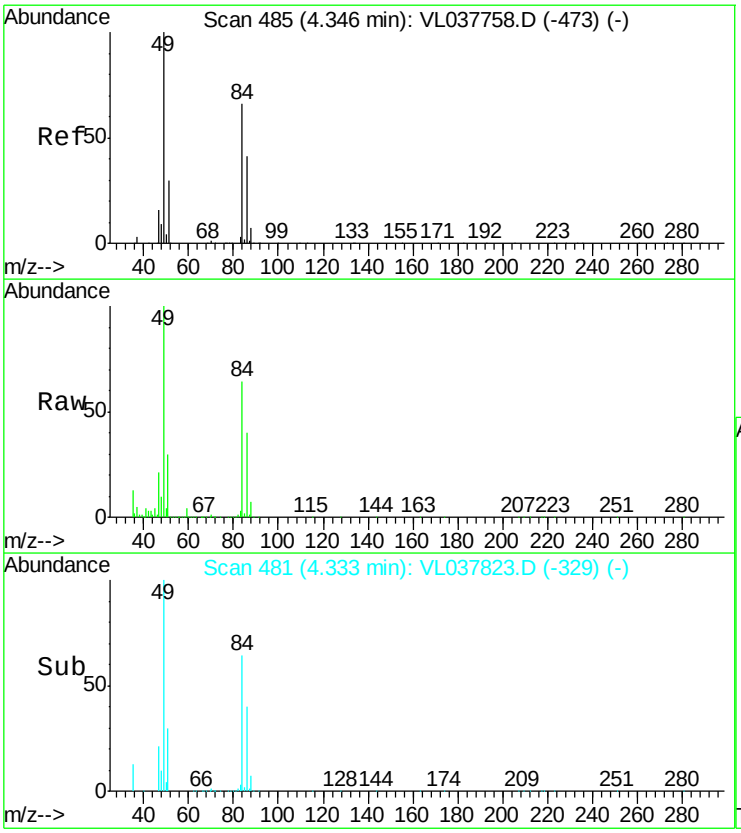
#19
Isopropyl Alcohol
Concen: 147.001 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.03 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 45 Resp:10954826

Ion	Ratio	Lower	Upper
45	100		
58	55.8	1.1	1.7#

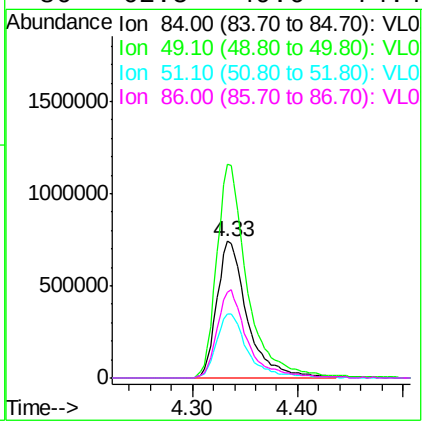


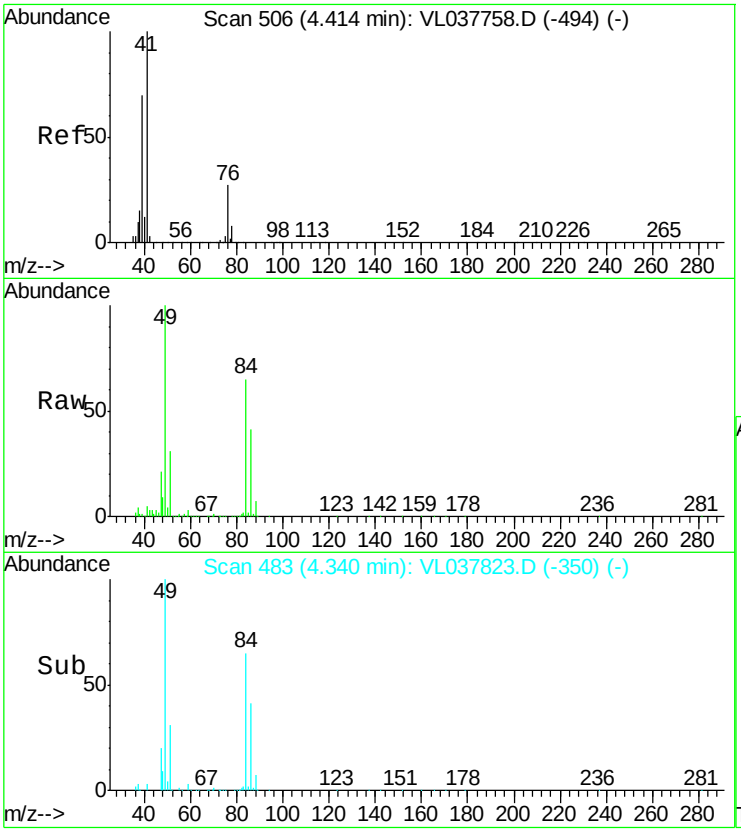


#20
Methylene Chloride
Concen: 24.611 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 84 Resp: 1489531

Ion	Ratio	Lower	Upper
84	100		
49	155.9	120.7	181.1
51	46.7	36.2	54.4
86	62.5	49.6	74.4



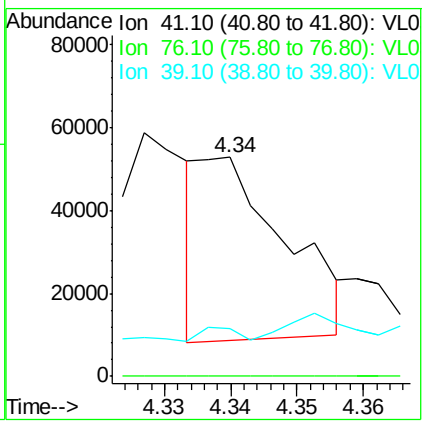


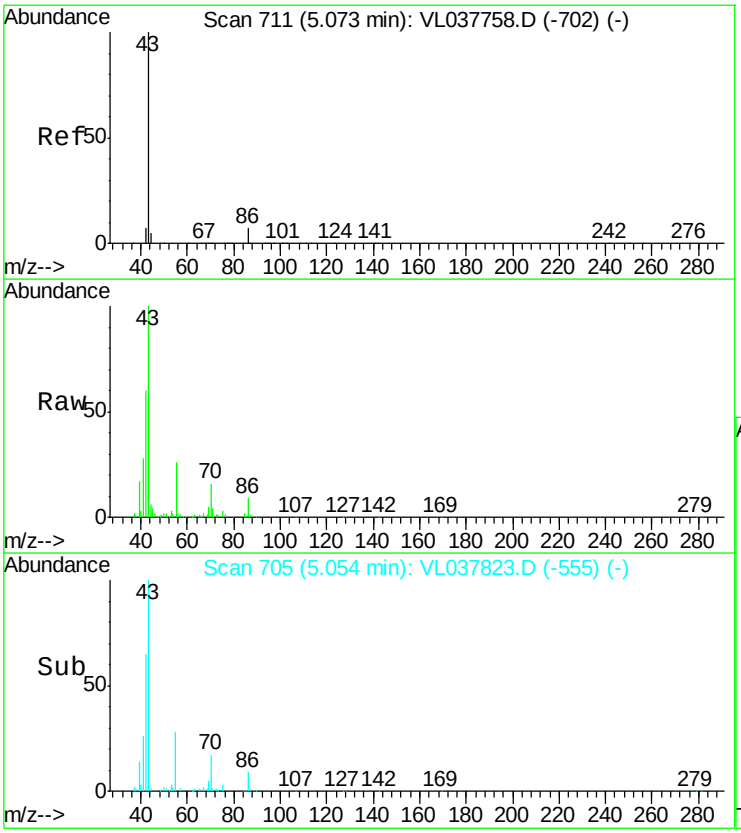
#21
Allyl Chloride
Concen: 0.369 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.07 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 41 Resp: 39153

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.4	33.6#
39	0.0	58.0	87.0#

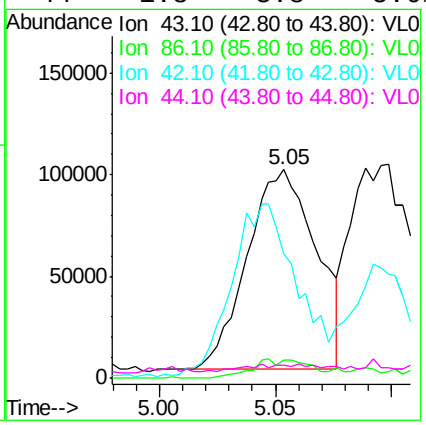


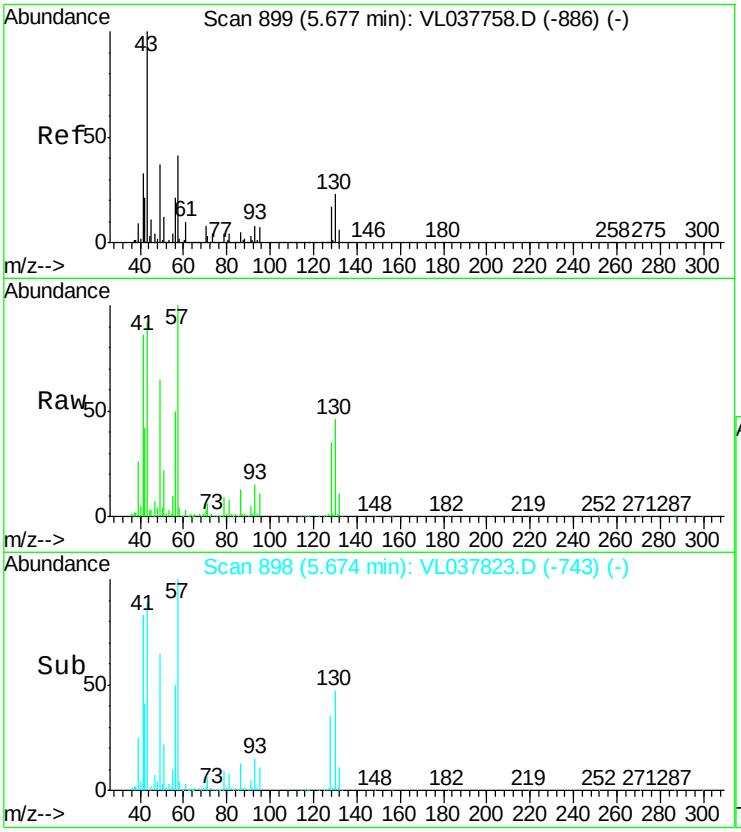


#23
Vinyl Acetate
Concen: 1.129 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 43 Resp: 202707

Ion	Ratio	Lower	Upper
43	100		
86	8.9	5.0	7.4#
42	57.5	7.4	11.0#
44	1.8	3.8	5.6#



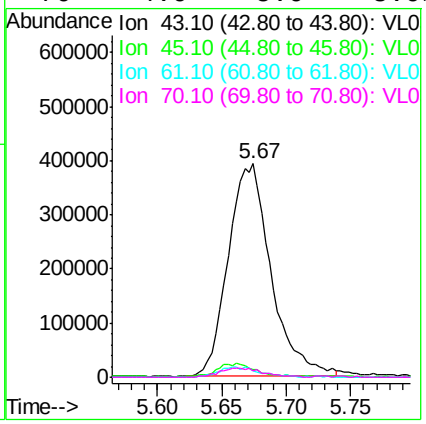


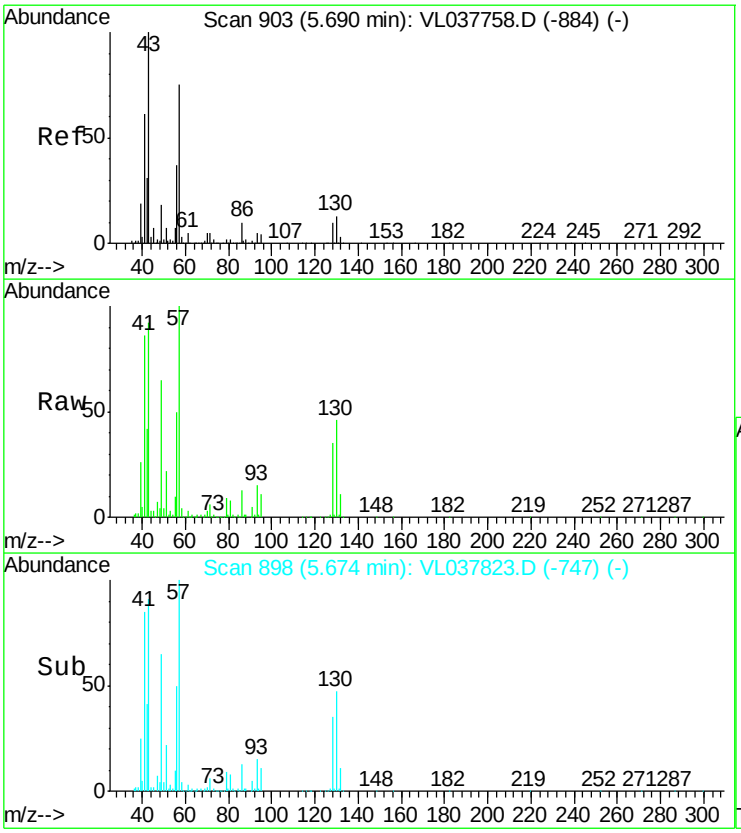
#25
Ethyl Acetate
Concen: 2.687 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 43 Resp: 903030

Ion	Ratio	Lower	Upper
43	100		
45	6.3	8.1	12.1#
61	4.8	7.5	11.3#
70	4.9	5.9	8.9#

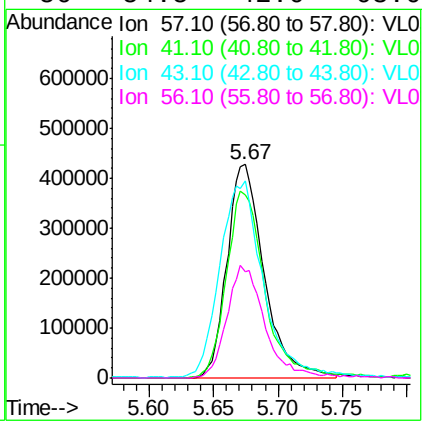


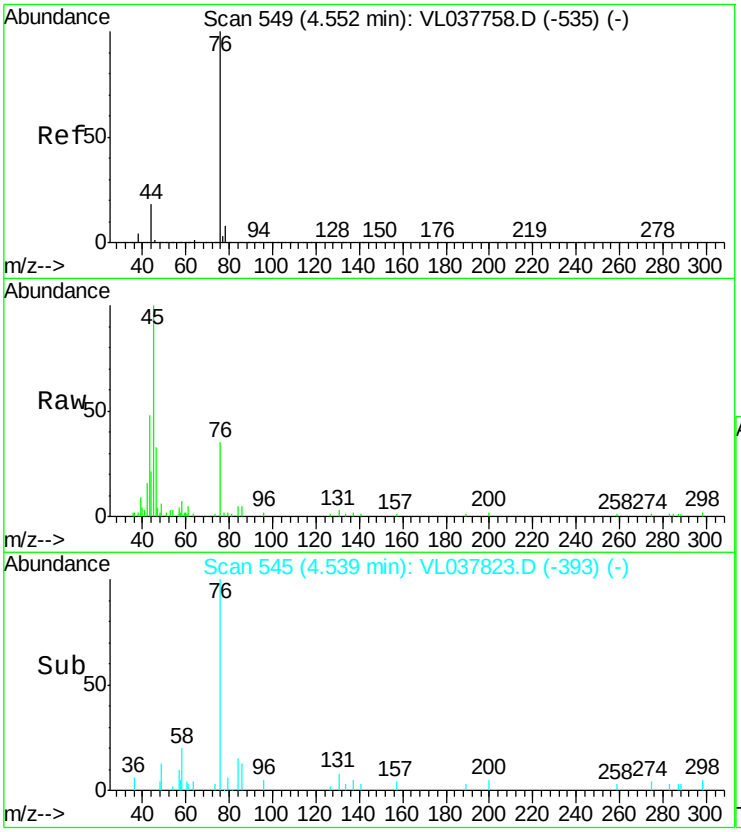


#26
Hexane
Concen: 5.189 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 57 Resp: 858820

Ion	Ratio	Lower	Upper
57	100		
41	91.3	69.6	104.4
43	108.7	171.4	257.0#
56	54.5	42.0	63.0



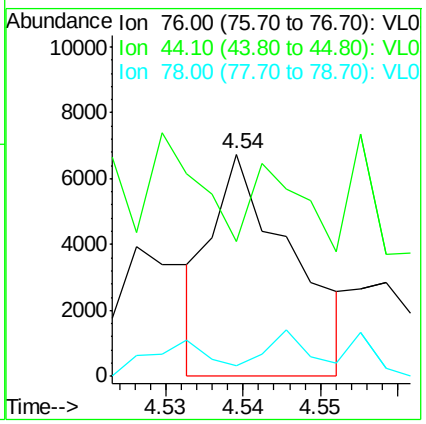


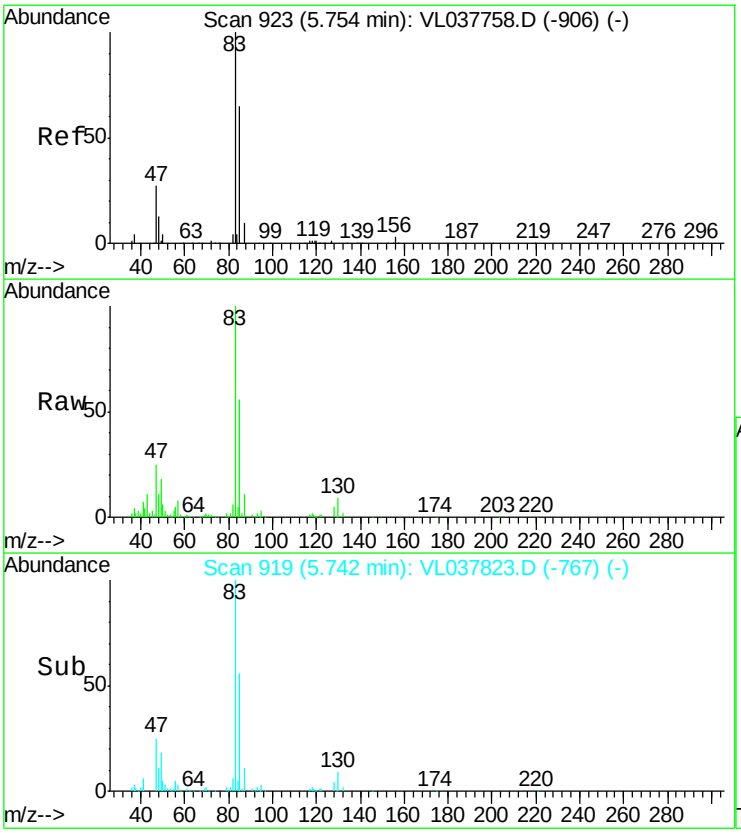
#27
Carbon Disulfide
Concen: 0.033 ppbv
RT: 4.54 min Scan# 545
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 76 Resp: 4820

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.3	21.5#
78	33.6	7.8	11.6#

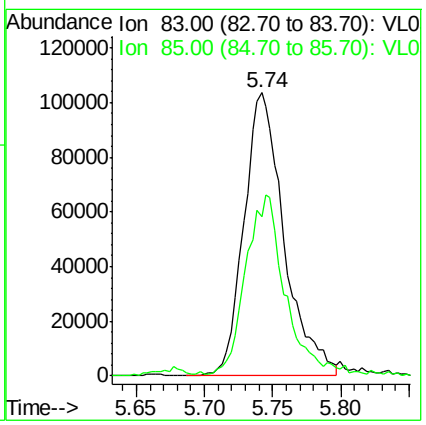


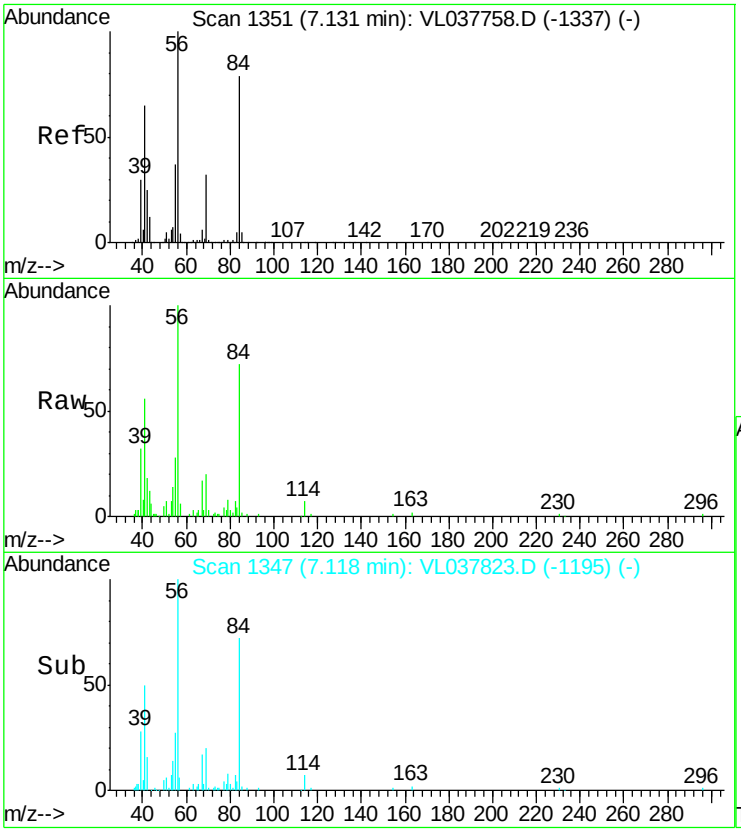


#29
Chloroform
Concen: 0.897 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 83 Resp: 212201

Ion	Ratio	Lower	Upper
83	100		
85	55.1	51.8	77.8



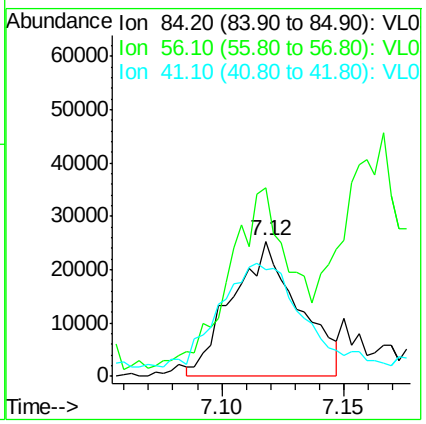


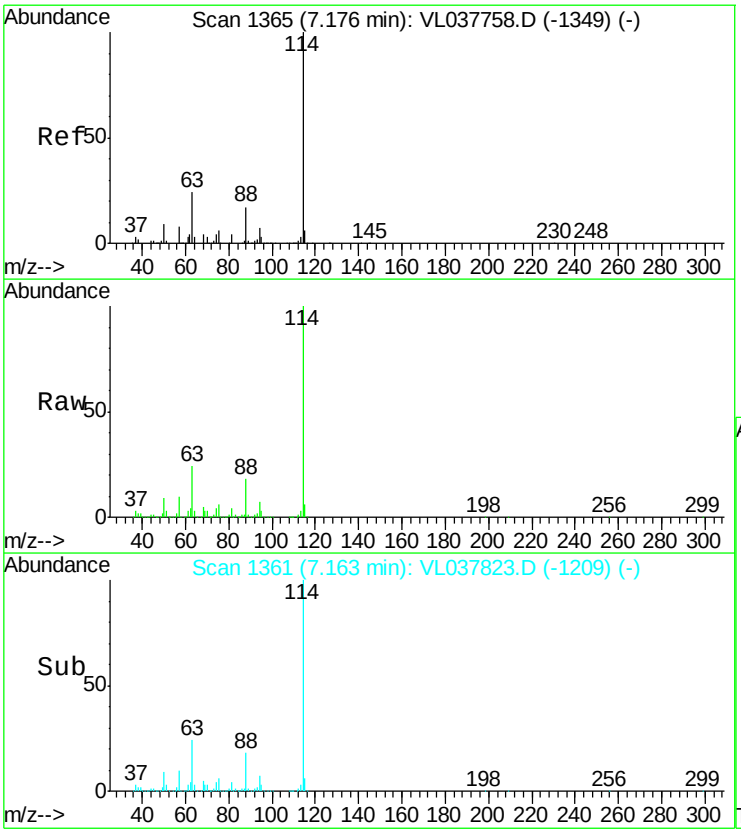
#30
Cyclohexane
Concen: 0.341 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 84 Resp: 47854

Ion	Ratio	Lower	Upper
84	100		
56	136.5	113.0	169.4
41	101.2	69.1	103.7

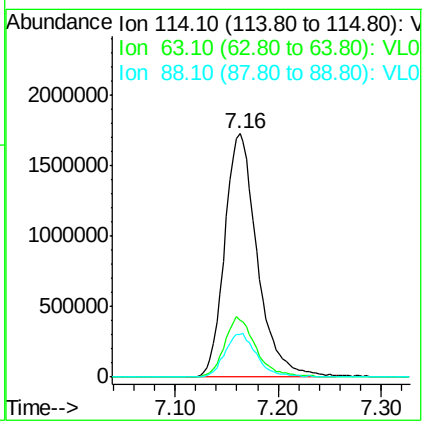


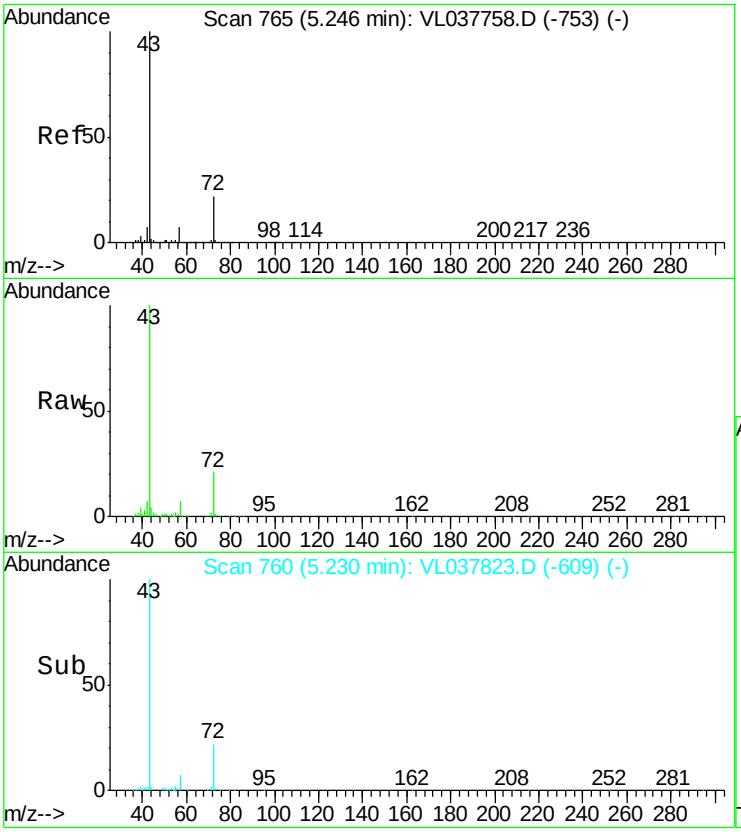


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:114 Resp: 3803209

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.8	14.4	21.6



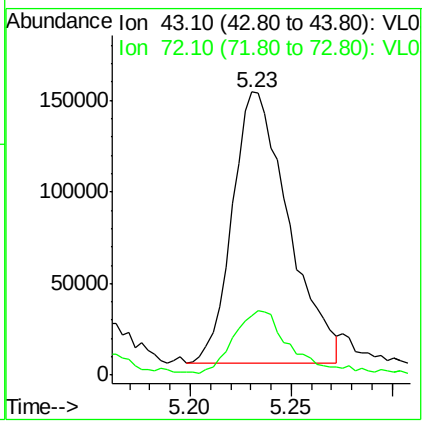


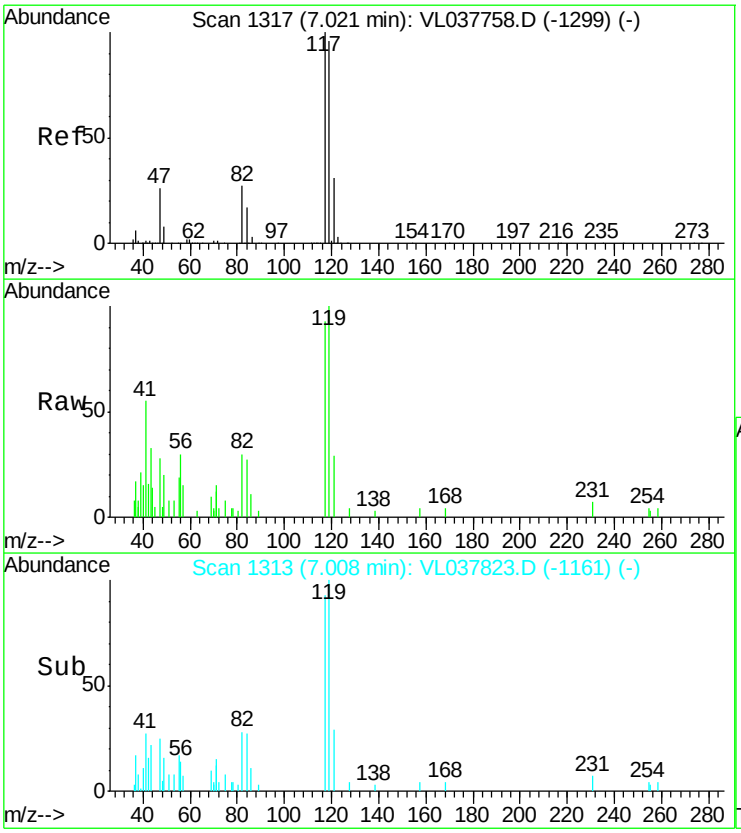
#34
2-Butanone
Concen: 1.869 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument :
MSVOA_L
ClientSampleId :
C0P23

Tgt Ion: 43 Resp: 286930

Ion	Ratio	Lower	Upper
43	100		
72	26.9	18.2	27.2

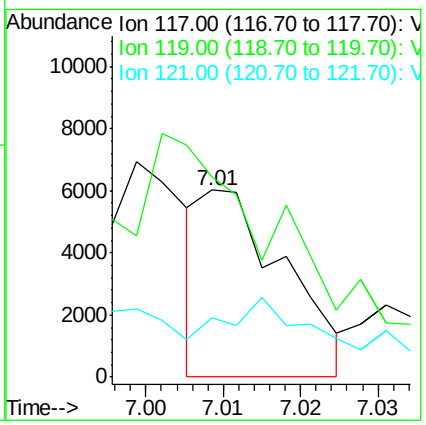


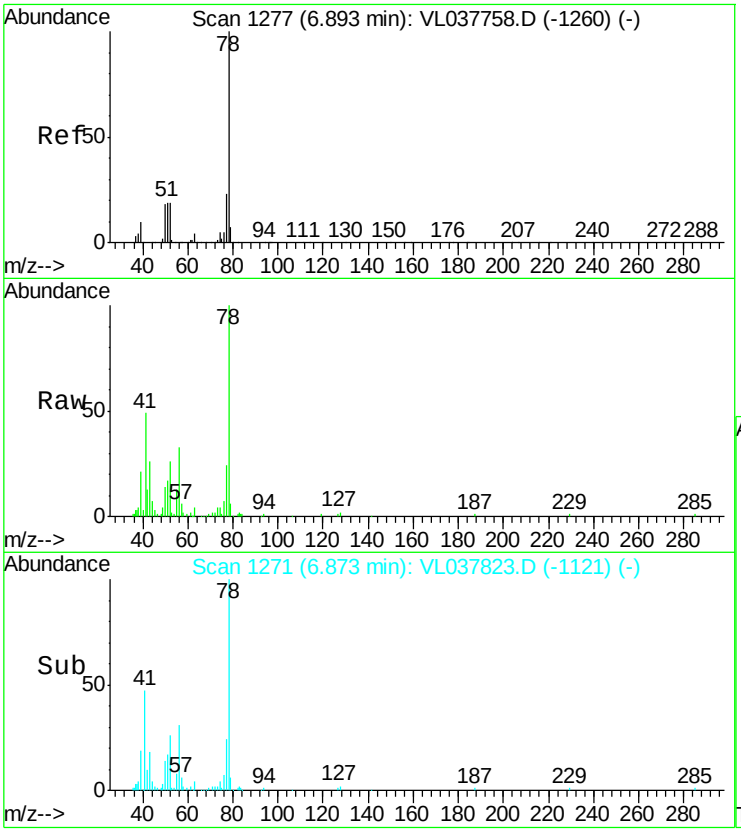


#35
Carbon Tetrachloride
Concen: 0.021 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:117 Resp: 4506

Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.5	114.7
121	14.9	24.9	37.3#



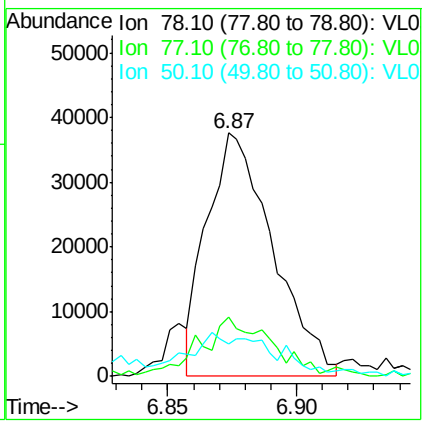


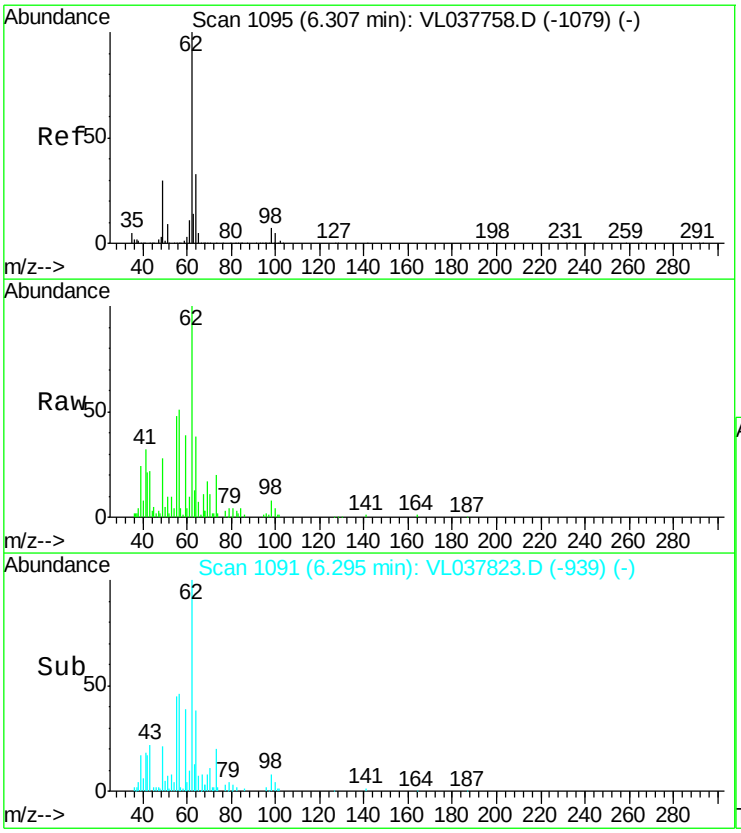
#36
Benzene
Concen: 0.206 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 78 Resp: 66850

Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.8	28.2
50	11.9	14.7	22.1#

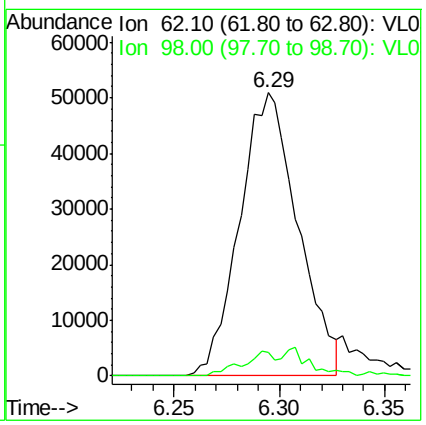


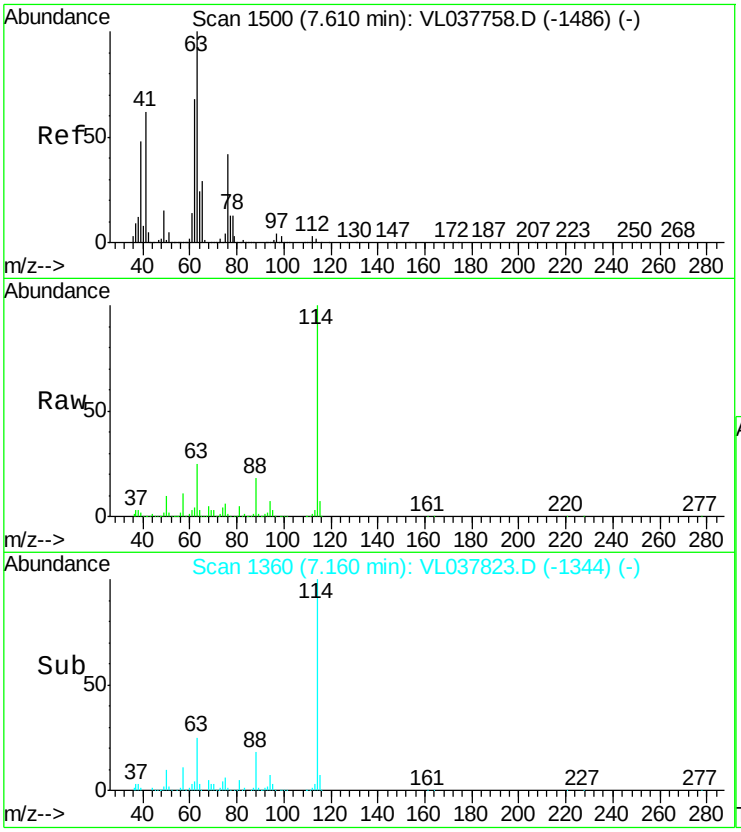


#37
1,2-Dichloroethane
Concen: 0.640 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 62 Resp: 97879

Ion	Ratio	Lower	Upper
62	100		
98	9.9	6.1	9.1#



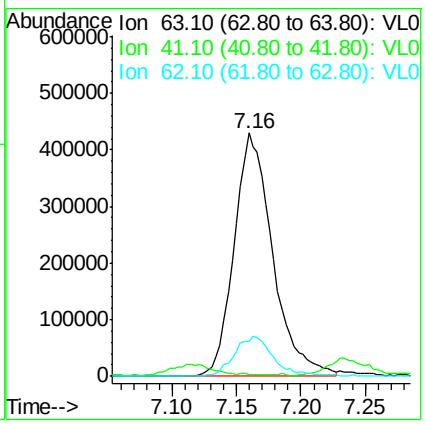


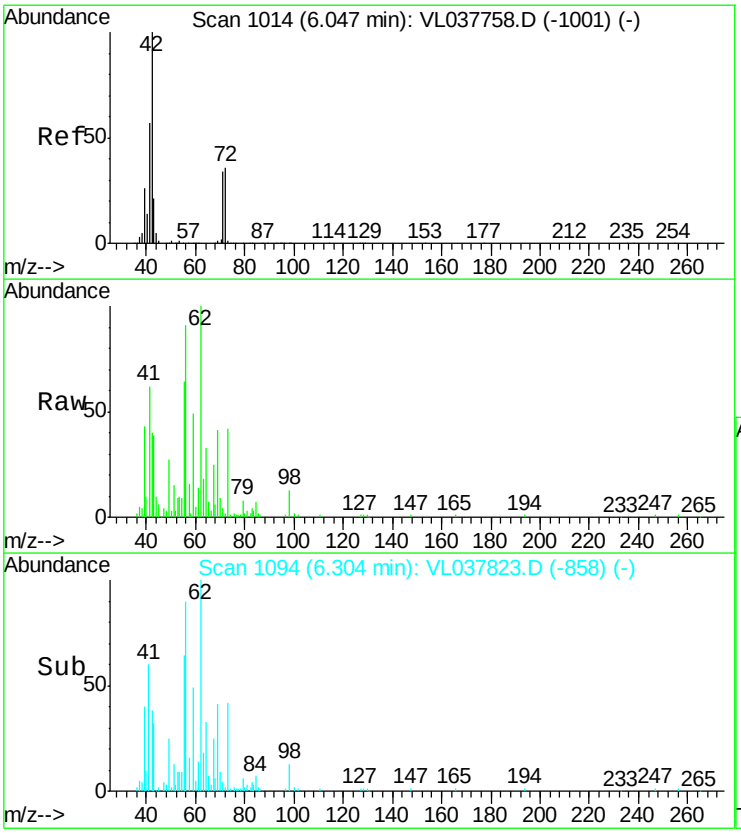
#39
1,2-Dichloropropane
Concen: 7.289 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.45 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 63 Resp: 890583

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	14.4	54.6	82.0#

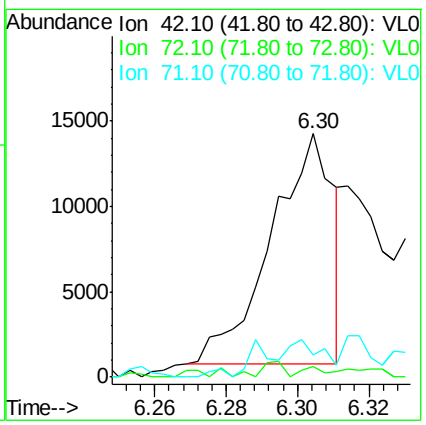


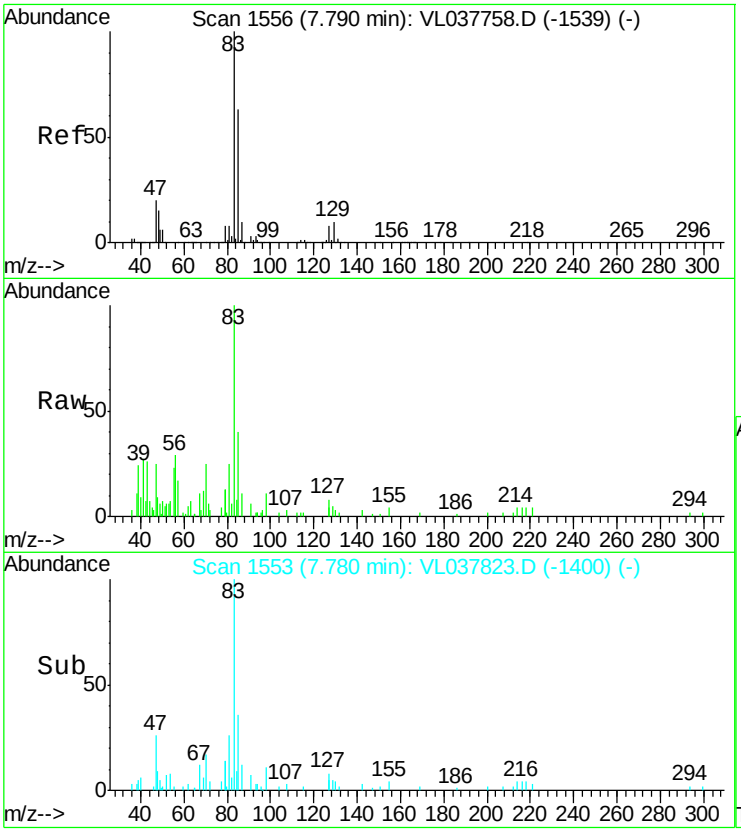


#41
Tetrahydrofuran
Concen: 0.217 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.26 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 42 Resp: 16285

Ion	Ratio	Lower	Upper
42	100		
72	4.7	31.9	47.9#
71	0.0	30.3	45.5#



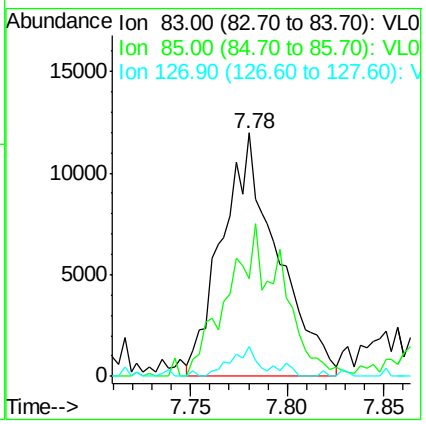


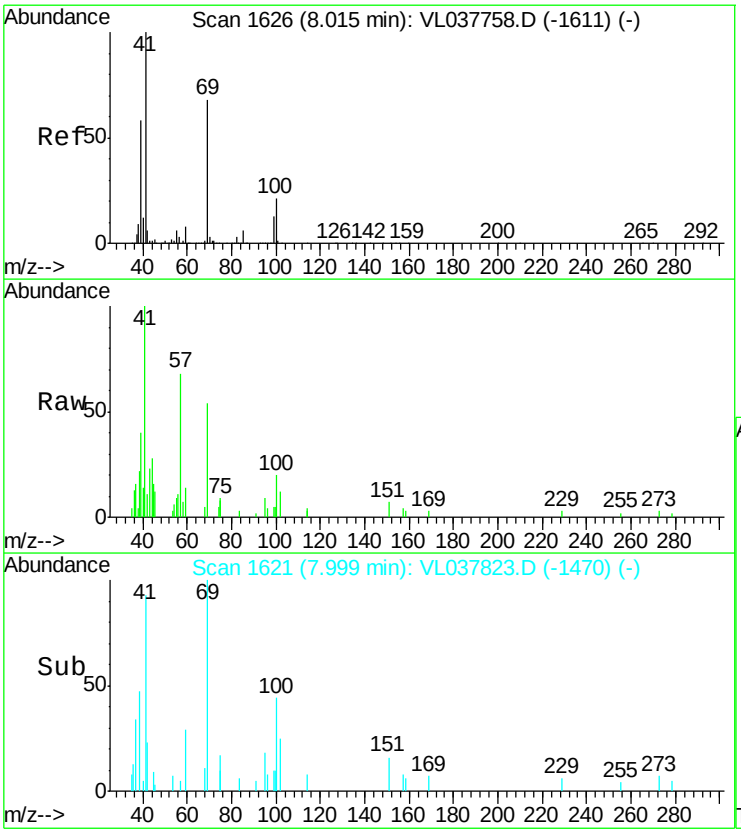
#42
Bromodichloromethane
Concen: 0.106 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 83 Resp: 23734

Ion	Ratio	Lower	Upper
83	100		
85	41.4	50.6	75.8#
127	12.6	6.2	9.4#

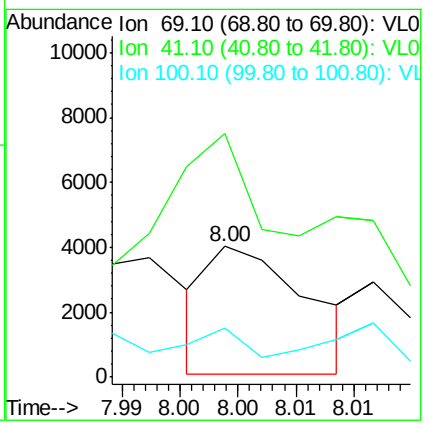


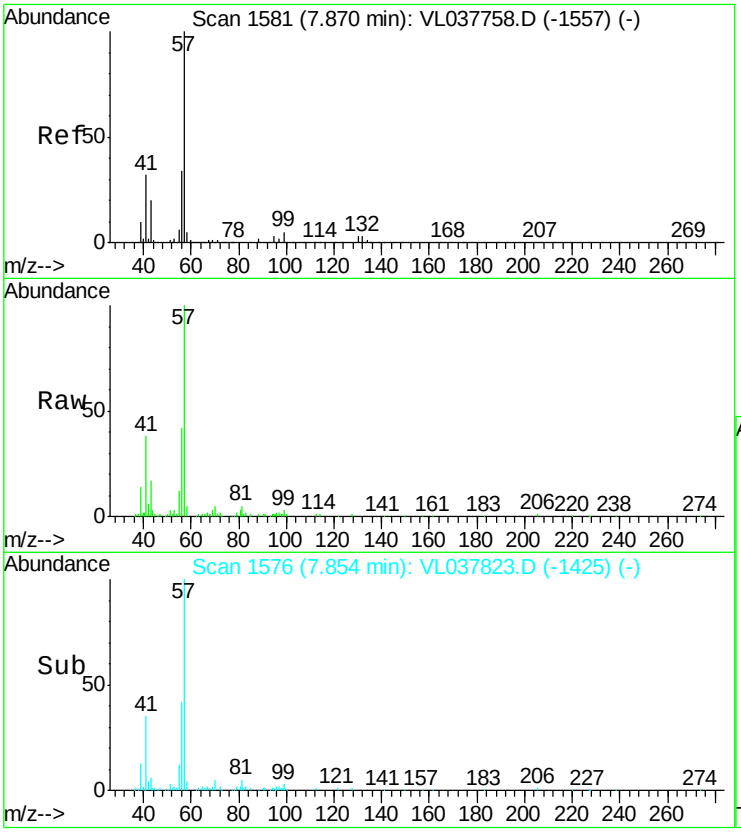


#43
Methyl Methacrylate
Concen: 0.022 ppbv
RT: 8.00 min Scan# 1621
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 69 Resp: 2305

Ion	Ratio	Lower	Upper
69	100		
41	535.5	121.0	181.4#
100	0.0	27.7	41.5#



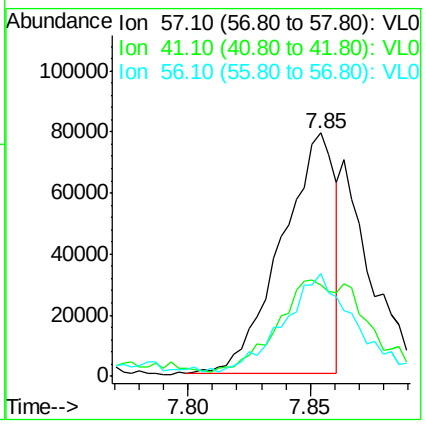


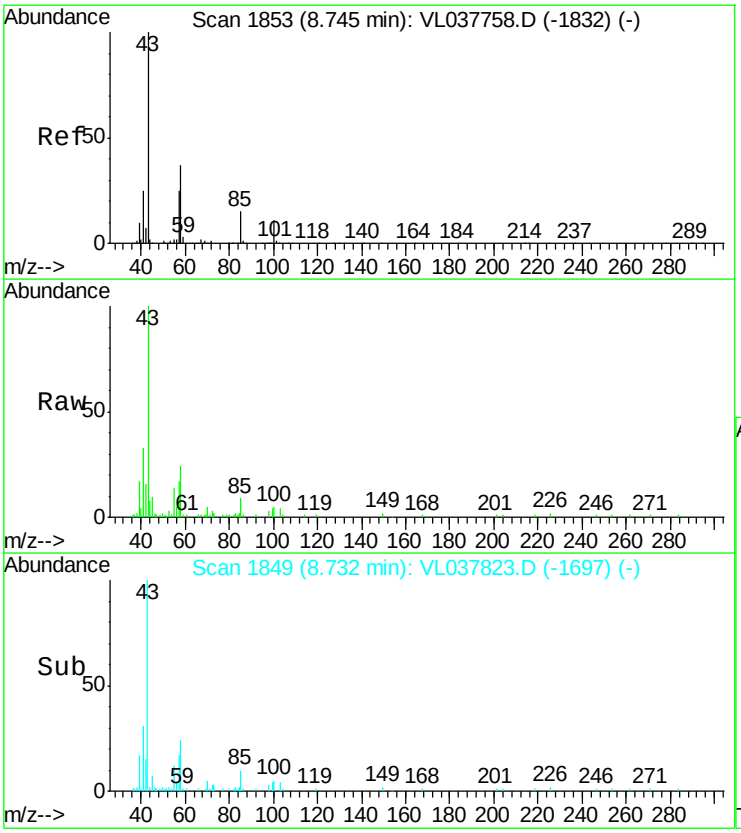
#44
2,2,4-Trimethylpentane
Concen: 0.219 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 57 Resp: 119422

Ion	Ratio	Lower	Upper
57	100		
41	64.9	25.6	38.4#
56	61.6	25.5	38.3#

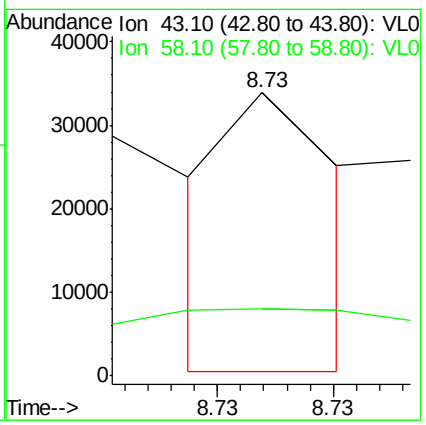


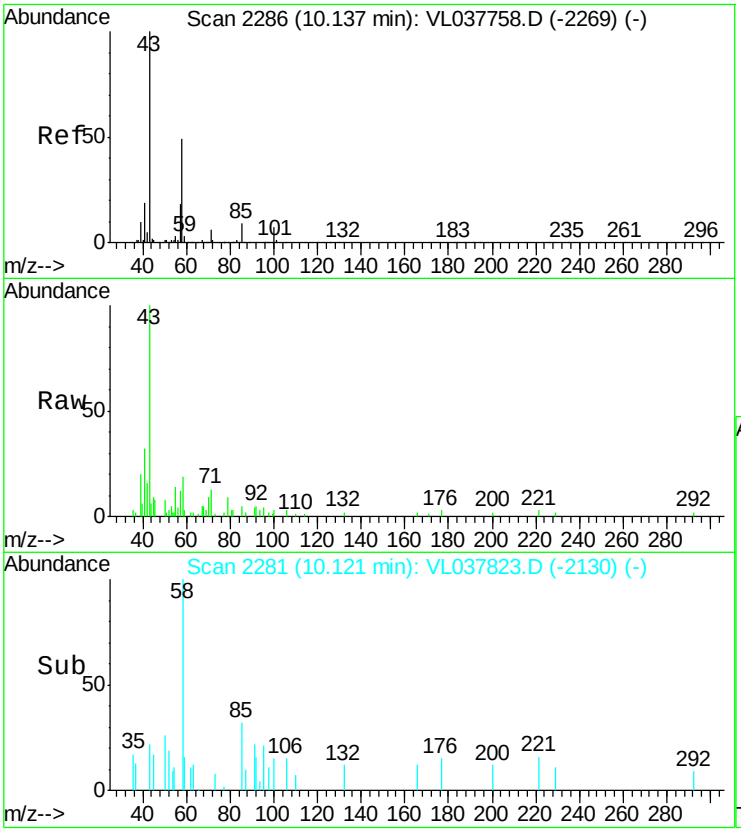


#50
4-Methyl-2-Pentanone
Concen: 0.056 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 43 Resp: 11208

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.0#



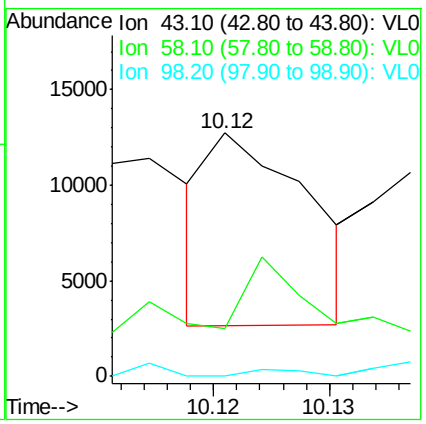


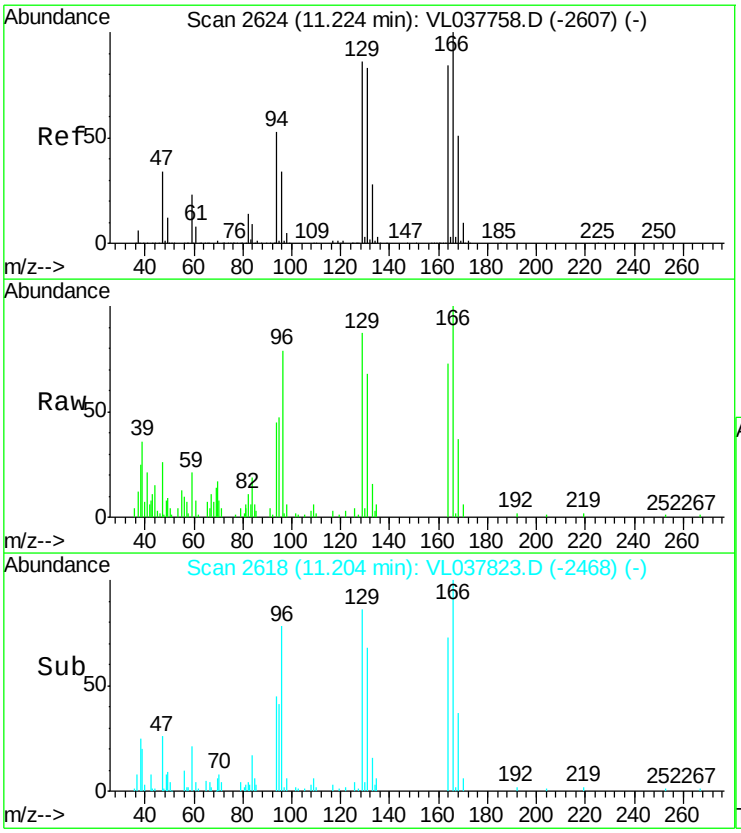
#51
2-Hexanone
Concen: 0.067 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 43 Resp: 6021

Ion	Ratio	Lower	Upper
43	100		
58	211.7	39.4	59.0#
98	0.0	0.3	0.5#

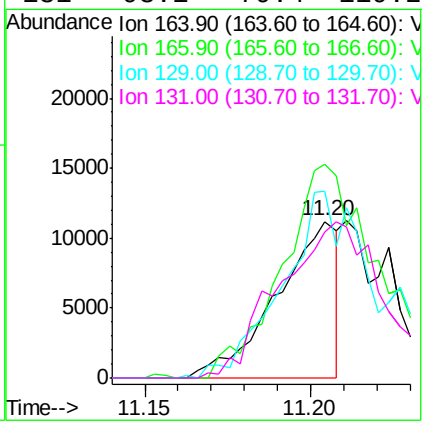


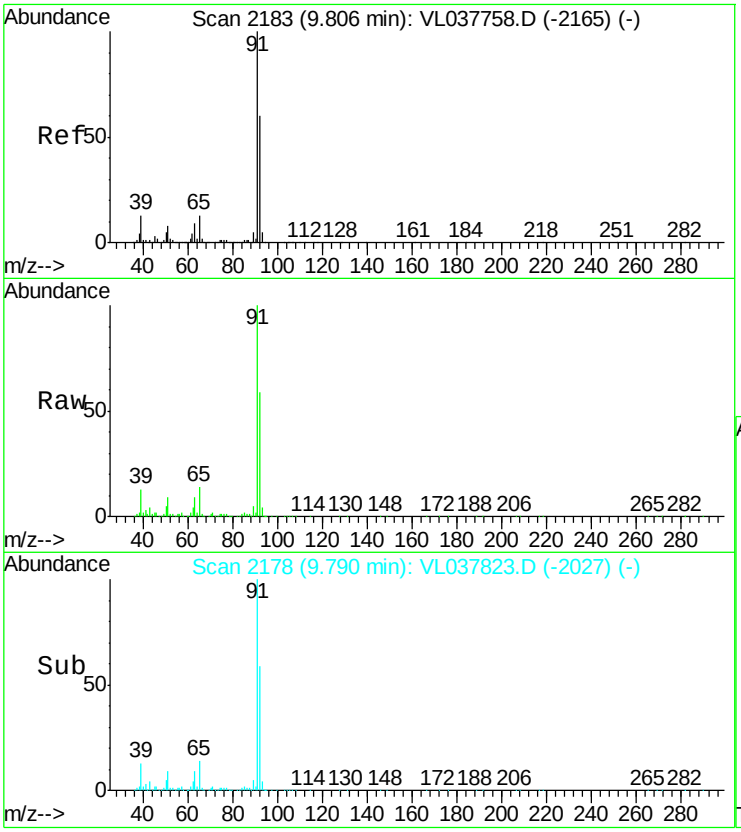


#52
Tetrachloroethene
Concen: 0.113 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:164 Resp: 14293

Ion	Ratio	Lower	Upper
164	100		
166	136.4	95.4	143.2
129	117.6	82.2	123.4
131	93.1	79.4	119.2



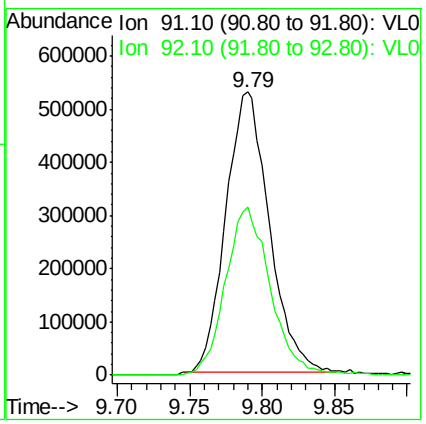


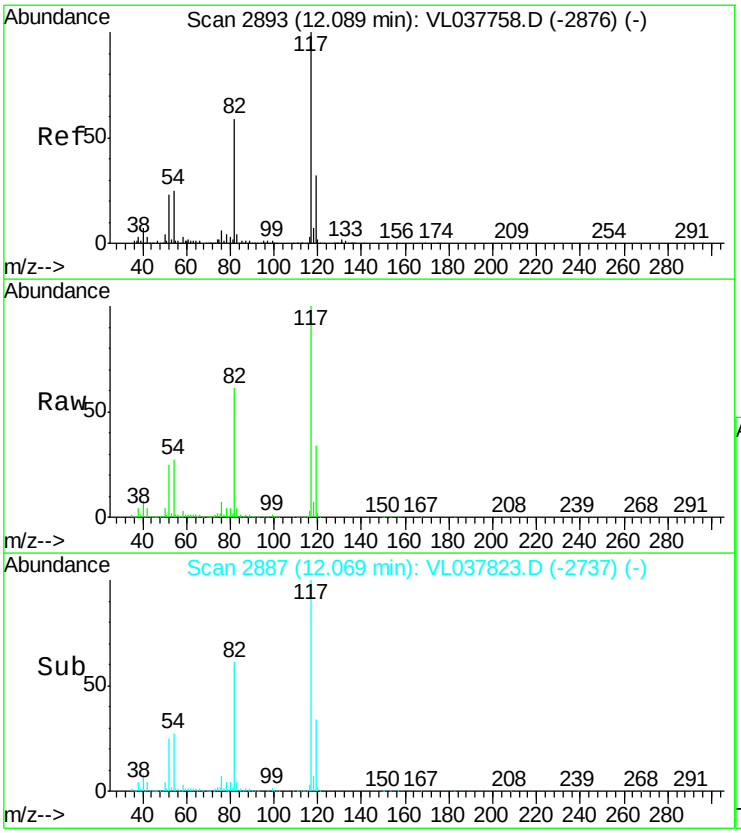
#53
Toluene
Concen: 3.047 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 91 Resp: 1096806

Ion	Ratio	Lower	Upper
91	100		
92	62.3	48.4	72.6

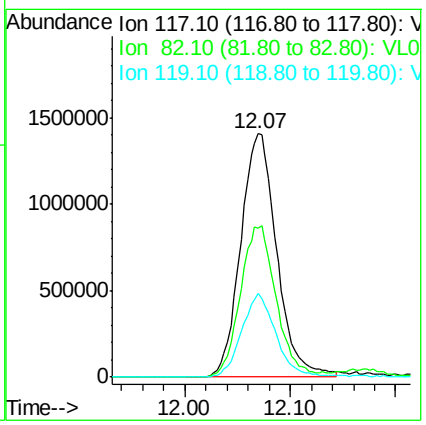


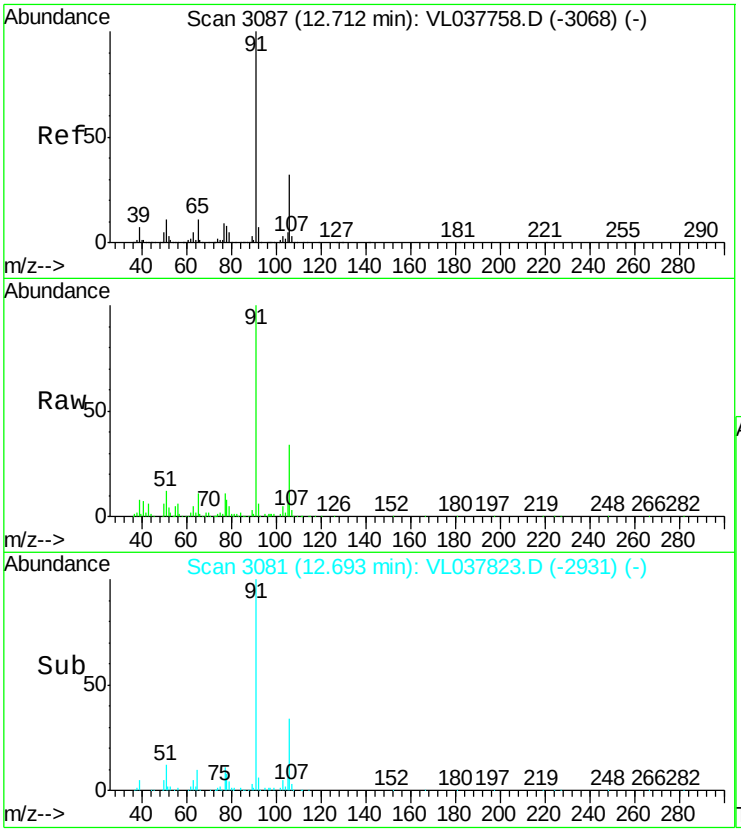


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:117 Resp: 3355359

Ion	Ratio	Lower	Upper
117	100		
82	61.5	52.2	78.2
119	33.6	26.0	39.0



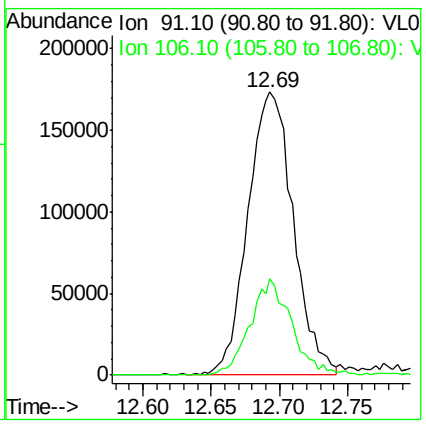


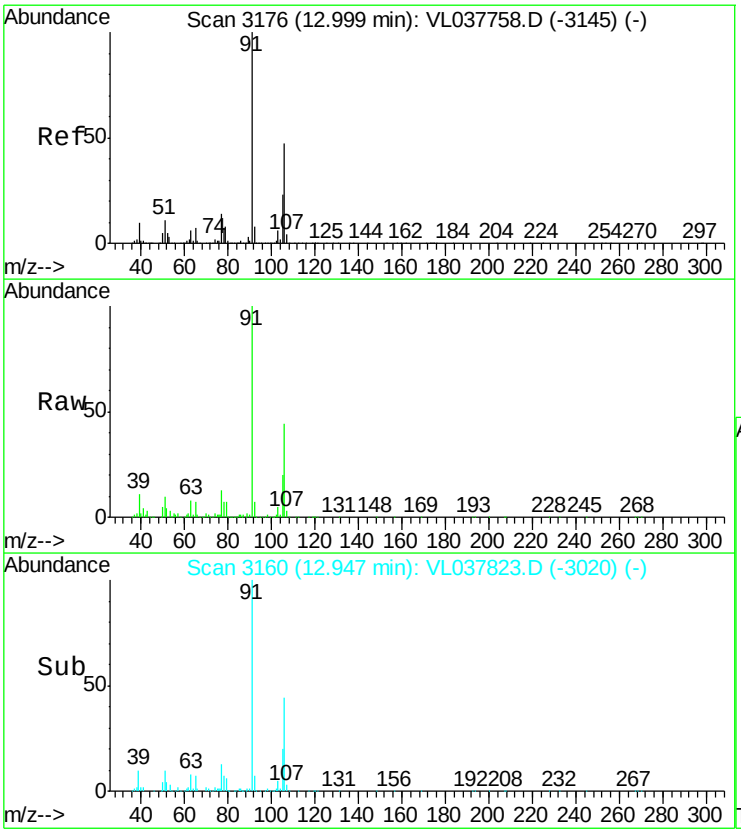
#58
Ethyl Benzene
Concen: 0.888 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 91 Resp: 400014

Ion	Ratio	Lower	Upper
91	100		
106	34.1	25.3	37.9

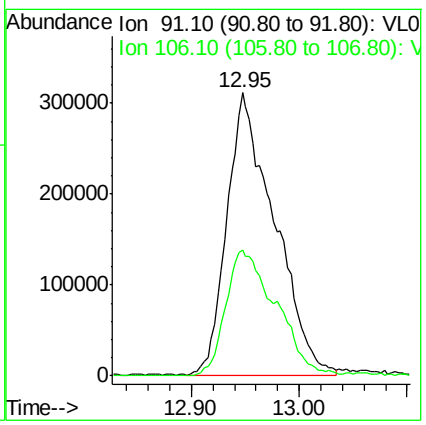


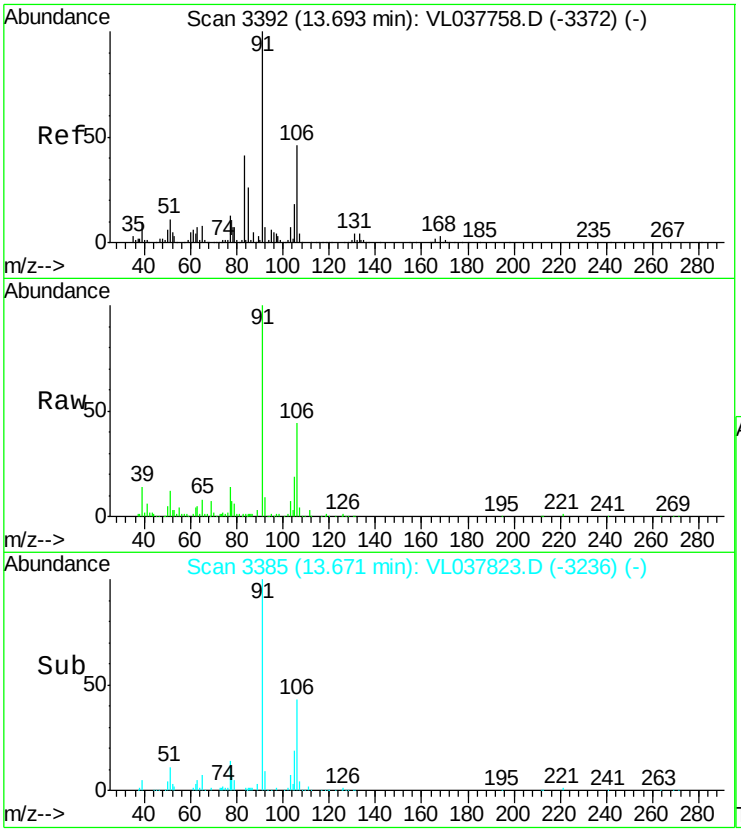


#59
m/p-Xylene
Concen: 2.445 ppbv
RT: 12.95 min Scan# 3160
Delta R.T. -0.05 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 91 Resp: 945577

Ion	Ratio	Lower	Upper
91	100		
106	47.3	36.7	55.1



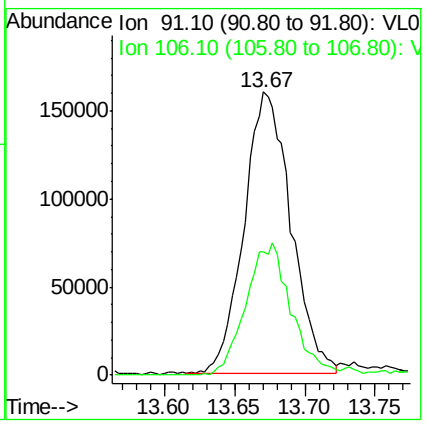


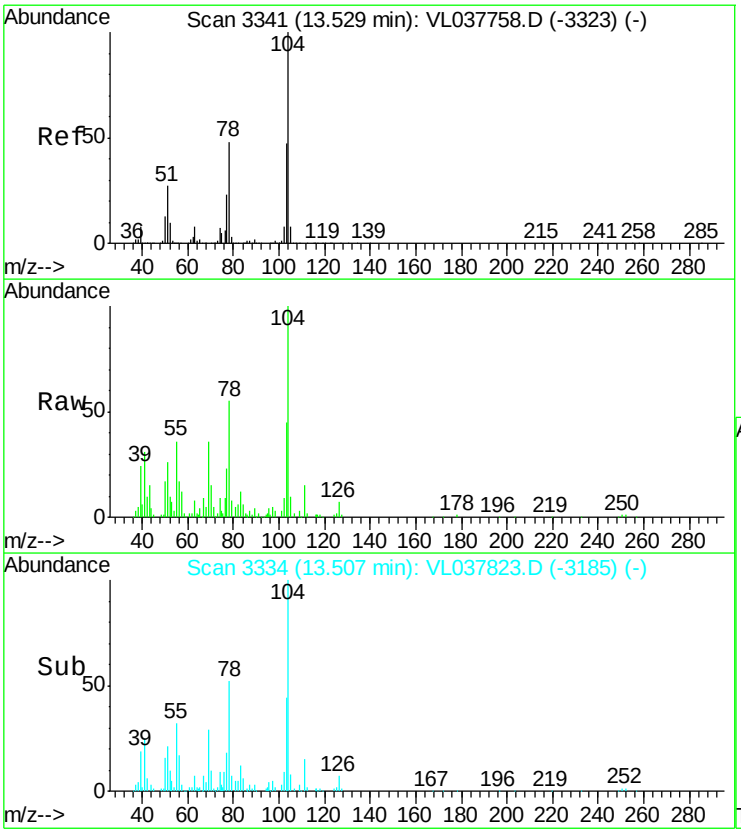
#60
o-Xylene
Concen: 1.004 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 91 Resp: 372145

Ion	Ratio	Lower	Upper
91	100		
106	46.4	23.5	70.5

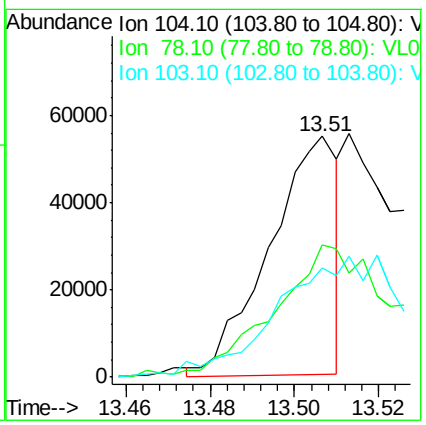


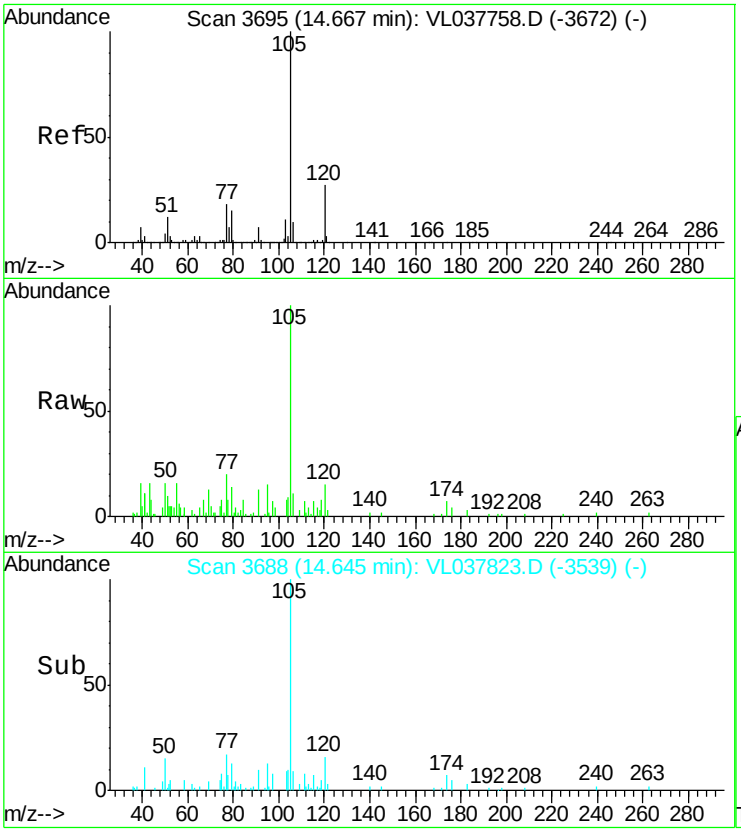


#61
Styrene
Concen: 0.342 ppbv
RT: 13.51 min Scan# 3334
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:104 Resp: 61332

Ion	Ratio	Lower	Upper
104	100		
78	110.0	40.6	61.0#
103	0.0	39.6	59.4#



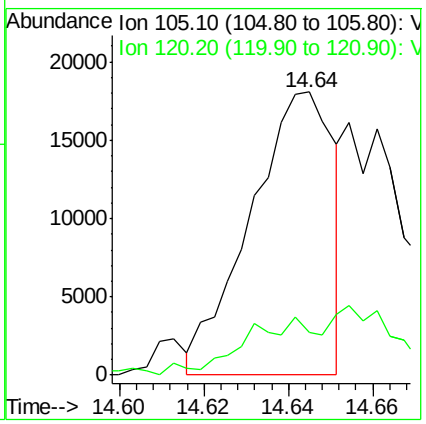


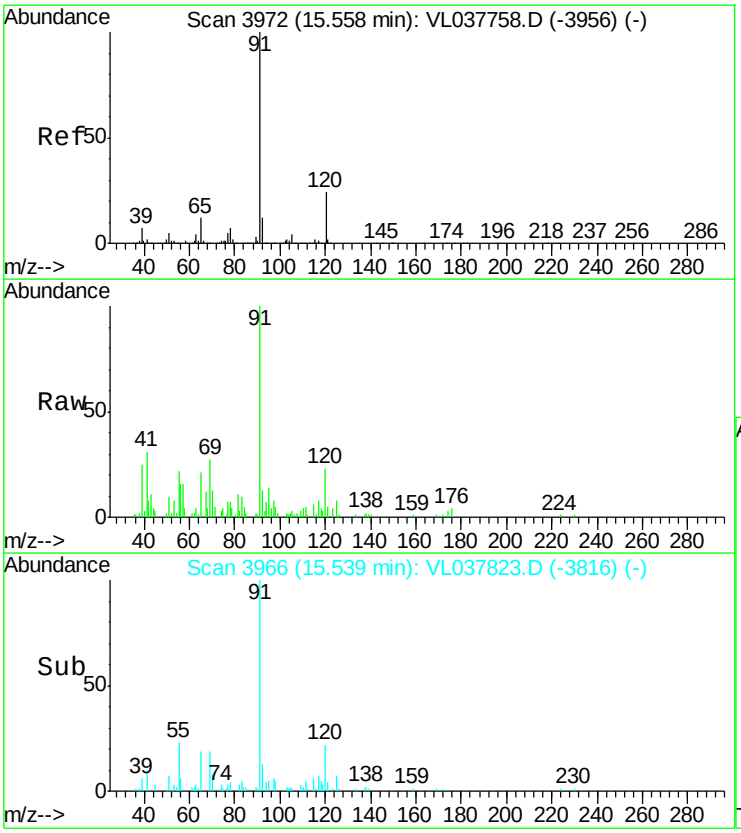
#62
Isopropylbenzene
Concen: 0.048 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion:105 Resp: 24755

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.3	31.9#

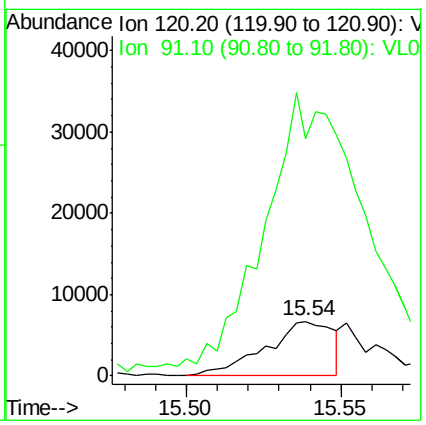


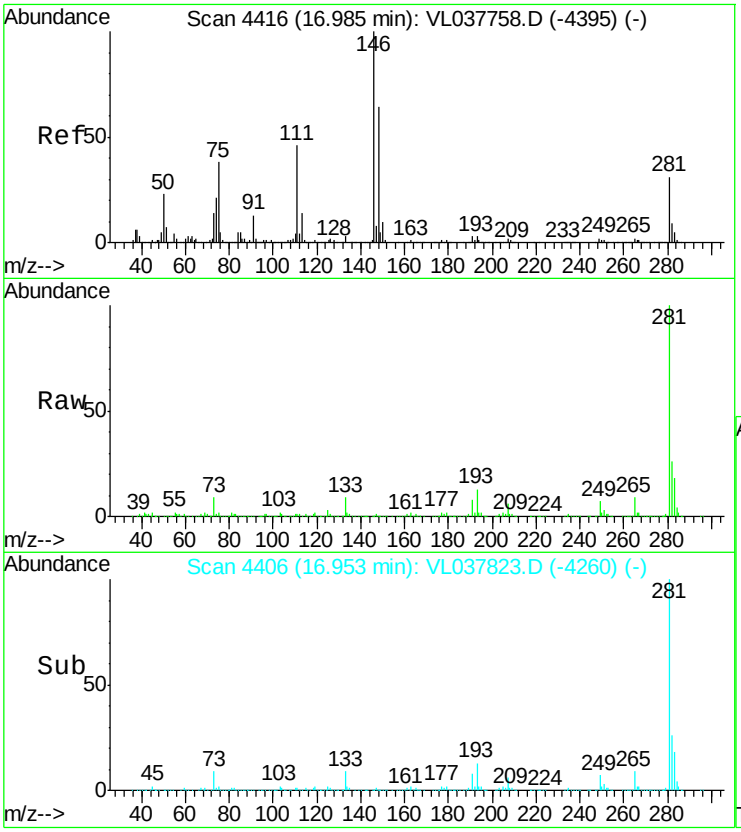


#64
n-propylbenzene
Concen: 0.080 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:120 Resp: 10275

Ion	Ratio	Lower	Upper
120	100		
91	766.2	375.0	562.6#



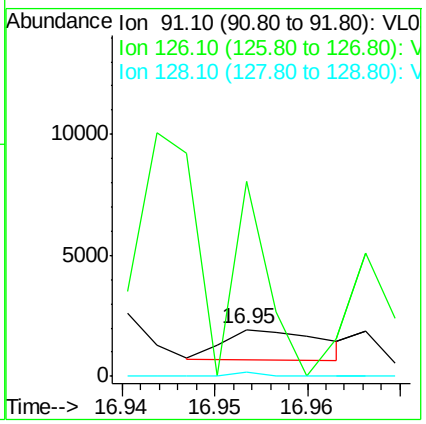


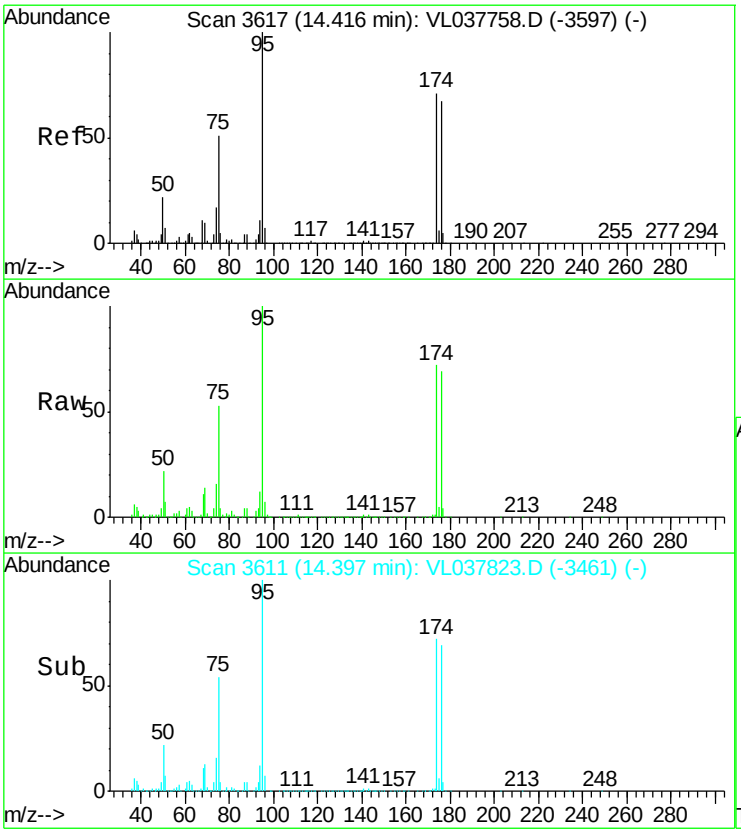
#66
Benzyl Chloride
Concen: 0.041 ppbv
RT: 16.95 min Scan# 4406
Delta R.T. -0.03 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion: 91 Resp: 924

Ion	Ratio	Lower	Upper
91	100		
126	0.0	0.0	0.0
128	0.0	5.3	7.9#

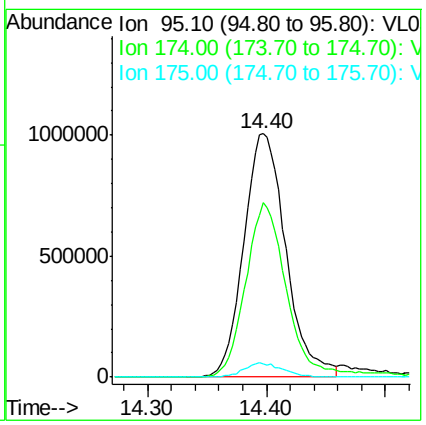


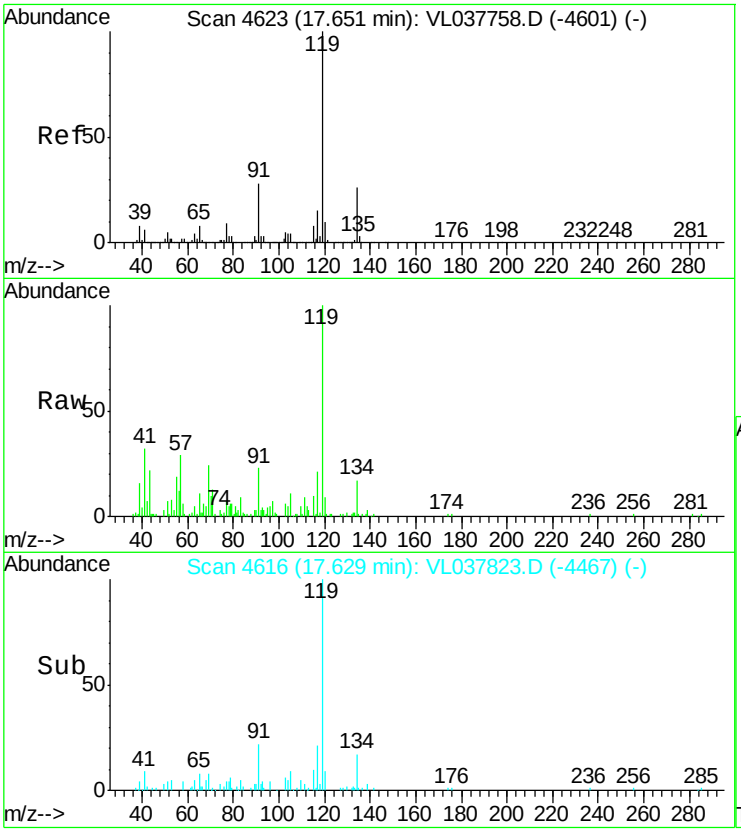


#68
1-Bromo-4-Fluorobenzene
Concen: 10.470 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 95 Resp: 2456790

Ion	Ratio	Lower	Upper
95	100		
174	71.8	57.8	86.6
175	5.6	4.7	7.1



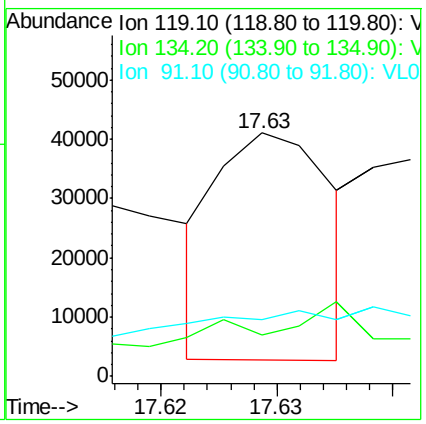


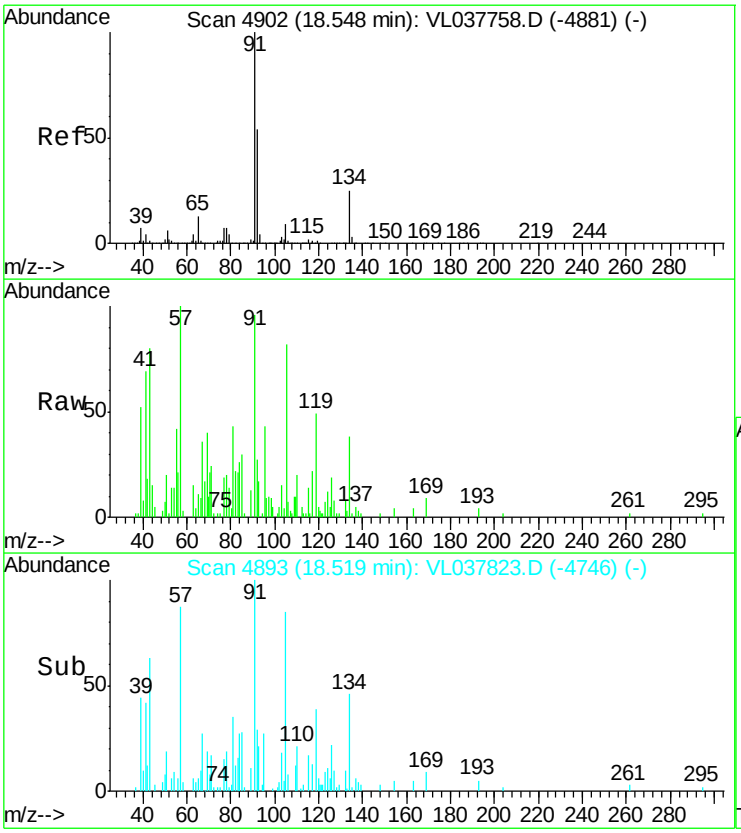
#69
p-Isopropyltoluene
Concen: 0.052 ppbv
RT: 17.63 min Scan# 4616
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion:119 Resp: 26219

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	0.0	22.2	33.4#

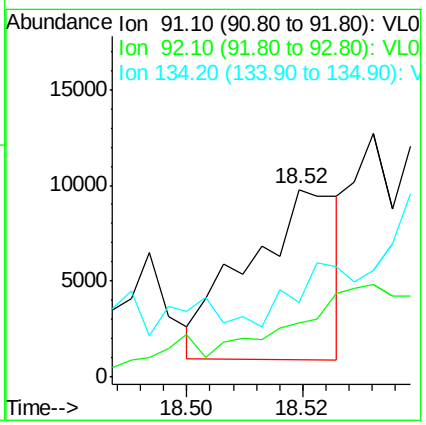


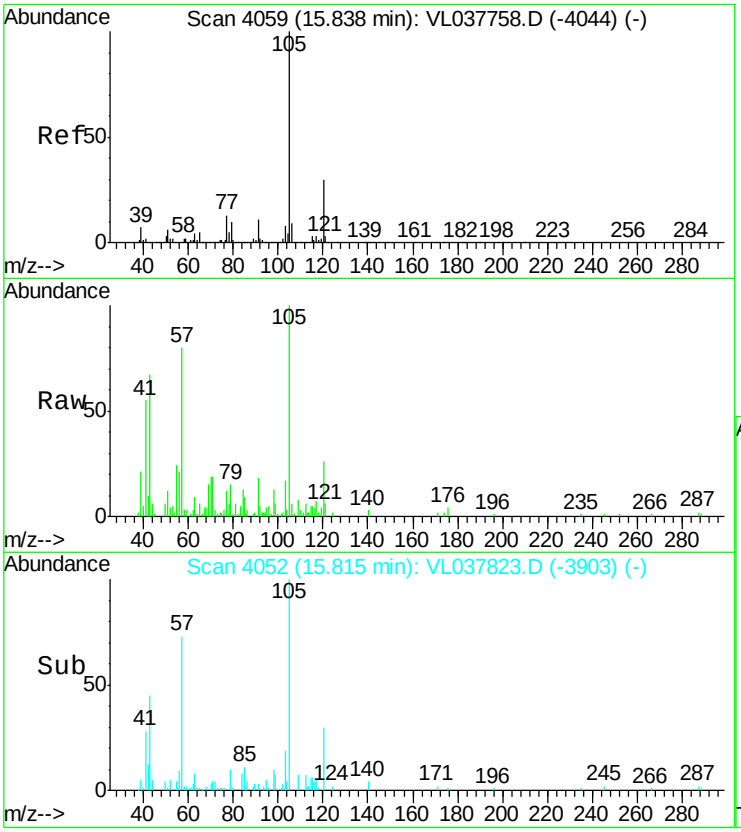


#70
n-Butylbenzene
Concen: 0.020 ppbv
RT: 18.52 min Scan# 4893
Delta R.T. -0.03 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion: 91 Resp: 9587

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.4	65.0#
134	0.0	19.8	29.6#



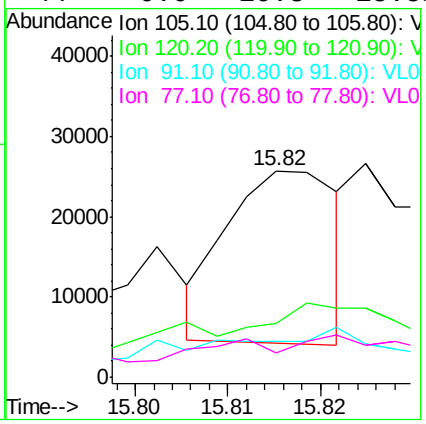


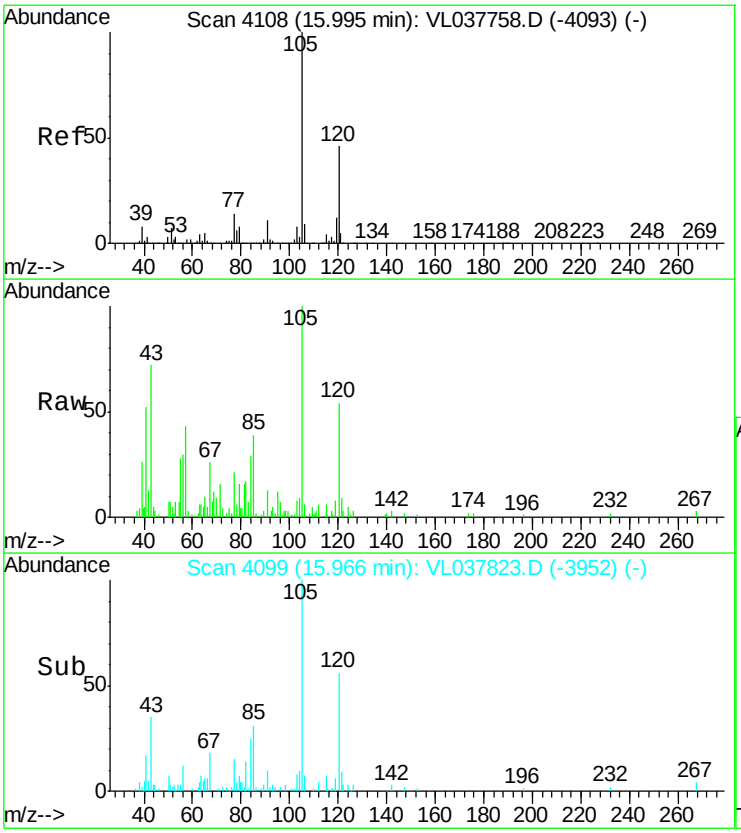
#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion:105 Resp: 17848

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.2#
91	0.0	10.4	15.6#
77	0.0	10.3	15.5#

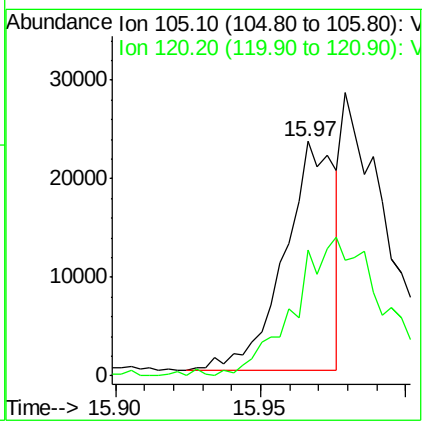


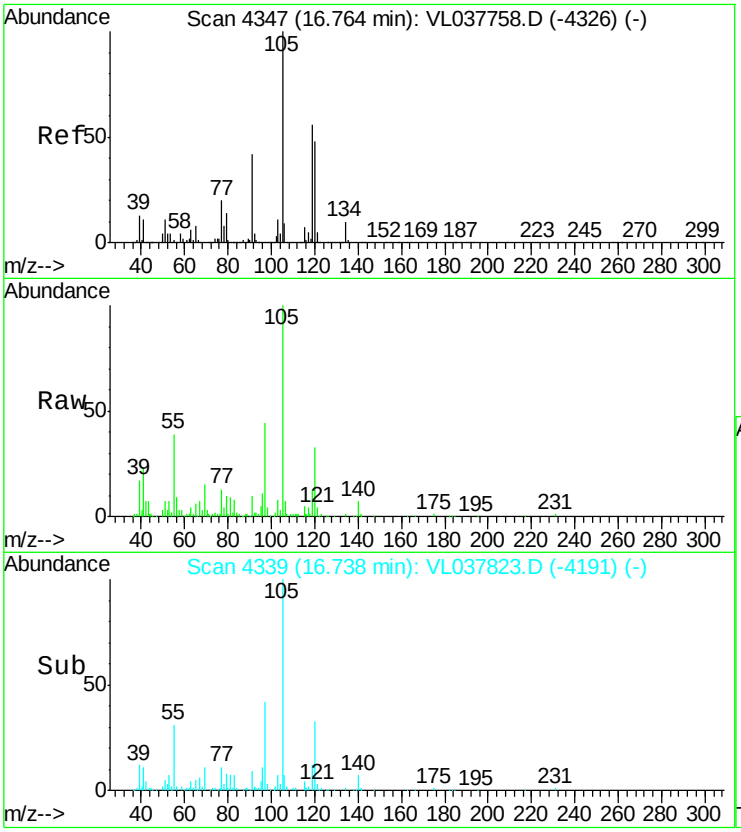


#73
1,3,5-Trimethylbenzene
Concen: 0.074 ppbv
RT: 15.97 min Scan# 4099
Delta R.T. -0.03 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:105 Resp: 28329

Ion	Ratio	Lower	Upper
105	100		
120	55.2	36.6	54.8#



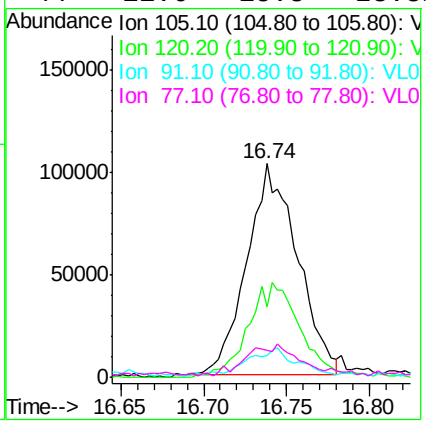


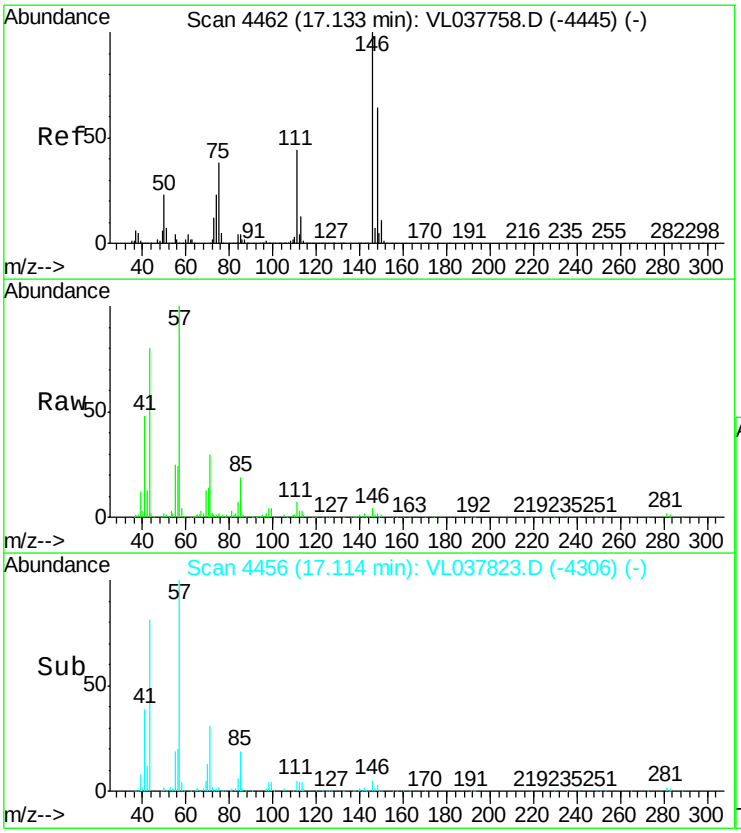
#74
1,2,4-Trimethylbenzene
Concen: 0.545 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.03 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument : MSVOA_L
ClientSampleId : C0P23

Tgt Ion:105 Resp: 218951

Ion	Ratio	Lower	Upper
105	100		
120	32.8	38.4	57.6#
91	9.6	34.2	51.2#
77	11.6	15.8	23.8#

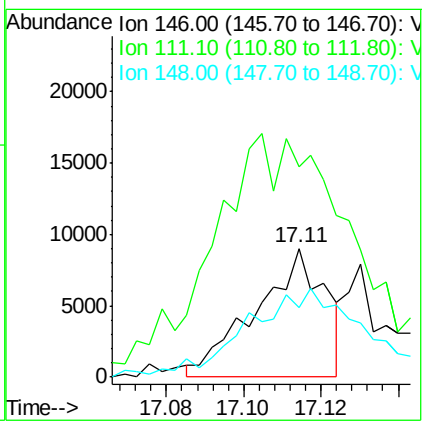


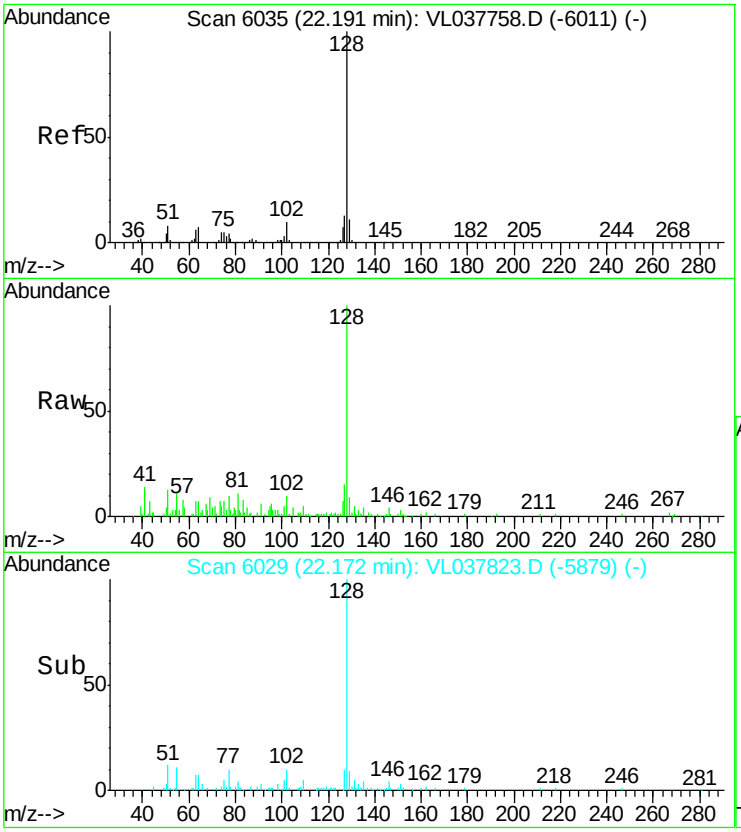


#76
1,4-Dichlorobenzene
Concen: 0.047 ppbv
RT: 17.11 min Scan# 4456
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:146 Resp: 11204

Ion	Ratio	Lower	Upper
146	100		
111	374.9	22.4	67.3#
148	127.8	33.3	99.9#



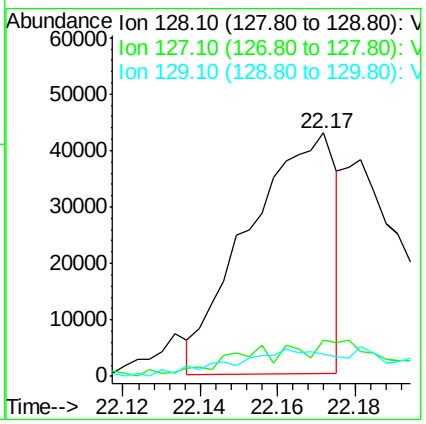


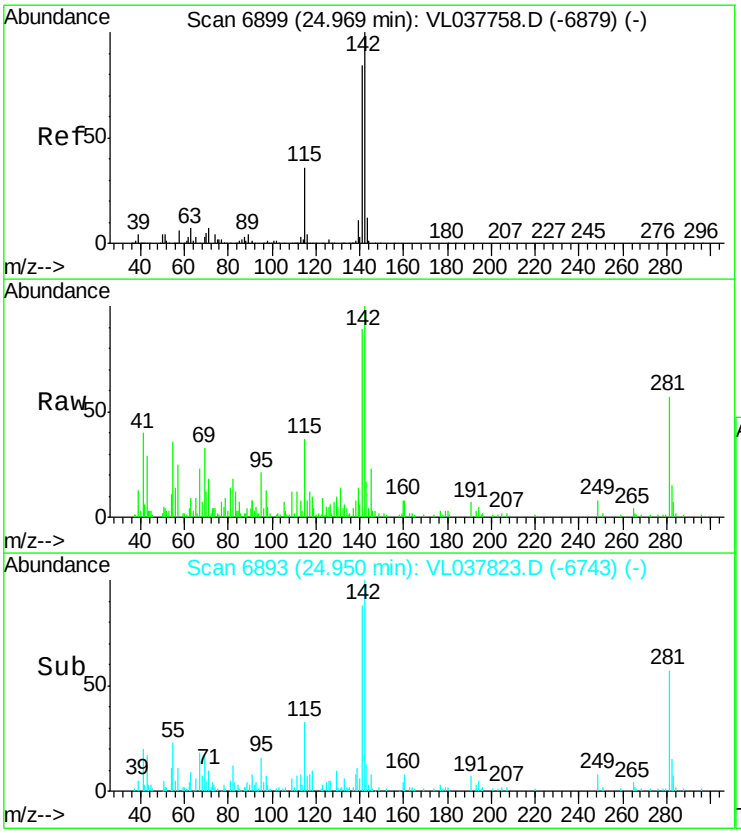
#79
Naphthalene
Concen: 0.271 ppbv
RT: 22.17 min Scan# 6029
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Instrument :
MSVOA_L
ClientSampleId :
C0P23

Tgt Ion:128 Resp: 66545

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	5.5	9.1	13.7#





#80
Naphthalene,2-methyl-
Concen: 0.948 ppbv
RT: 24.95 min Scan# 6893
Delta R.T. -0.02 min
Lab File: VL037823.D
Acq: 8 Oct 2021 9:05

Tgt Ion:142 Resp: 62555

Ion	Ratio	Lower	Upper
142	100		
141	93.8	68.6	102.8
115	68.6	29.0	43.6#