Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037324.D
Acq On : 5 Aug 2021 1:53
Operator : SY/AP
Sample : M3211-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 05 03:59:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04 22:53:01 2021
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1210736	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3795496	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3176651	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2447976	11.28	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 112.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	73995	0.301	ppbv		99
3) Chlorodifluoromethane	2.98	51	58341	0.237	ppbv		92
4) Chloromethane	3.14	50	48160	0.546	ppbv		92
7) Chloroethane	3.55	64	3738	0.114	ppbv	#	57
9) Propene	3.01	41	220440	2.477	ppbv		96
10) Heptane	8.11	43	147594	0.710	ppbv		98
11) Trichlorofluoromethane	3.94	101	88142	0.390	ppbv		96
13) Ethanol	3.60	45	517721	38.616	ppbv		92
15) Acetone	3.84	43	7810450	59.388	ppbv		97
16) 1,3-Butadiene	3.30	39	324186	3.826	ppbv	#	23
17) tert-Butyl alcohol	4.30	59	80455	0.609	ppbv	#	92
19) Isopropyl Alcohol	3.97	45	296513	4.074	ppbv	#	93
20) Methylene Chloride	4.34	84	2946453	27.060	ppbv		99
23) Vinyl Acetate	5.06	43	195330	0.984	ppbv	#	37
25) Ethyl Acetate	5.68	43	1364281	3.989	ppbv	#	77
26) Hexane	5.68	57	1982847	10.361	ppbv	#	48
27) Carbon Disulfide	4.55	76	978013	6.280	ppbv		98
29) Chloroform	5.75	83	93663	0.386	ppbv		95
30) Cyclohexane	7.12	84	286454	1.941	ppbv		91
32) 1,1,1-Trichloroethane	6.50	97	128691	0.557	ppbv		96
34) 2-Butanone	5.23	43	4998262	37.950	ppbv		99
35) Carbon Tetrachloride	7.01	117	41255	0.182	ppbv		96
36) Benzene	6.88	78	398879	1.168	ppbv		99
38) Trichloroethene	7.83	130	19252	0.129	ppbv		95
39) 1,2-Dichloropropane	7.17	63	834157	6.558	ppbv	#	29
40) 1,4-Dioxane	7.83	88	1183	0.032	ppbv	#	1
41) Tetrahydrofuran	6.03	42	6957592	94.990	ppbv		99
44) 2,2,4-Trimethylpentane	7.86	57	89954	0.159	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.74	43	79733	0.395	ppbv		90
51) 2-Hexanone	10.13	43	271123	2.957	ppbv	#	90
52) Tetrachloroethene	11.21	164	1531239	10.408	ppbv		98
53) Toluene	9.80	91	1120481	2.779	ppbv		100
57) Chlorobenzene	12.13	112	60550	0.226	ppbv	#	42
58) Ethyl Benzene	12.70	91	264546	0.567	ppbv		92
59) m/p-Xylene	12.95	91	694550	1.767	ppbv		88
60) o-Xylene	13.68	91	325359	0.911	ppbv		97
61) Styrene	13.52	104	18435	0.094	ppbv	#	1
62) Isopropylbenzene	14.65	105	57410	0.111	ppbv		92
63) 1,1,2,2-Tetrachloroethane	13.66	83	233422	0.900	ppbv	#	56
64) n-propylbenzene	15.56	120	12207	0.090	ppbv	#	1
65) tert-Butylbenzene	16.76	119	61047	0.128	ppbv	#	17

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037324.D
Acq On : 5 Aug 2021 1:53
Operator : SY/AP
Sample : M3211-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 05 03:59:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04 22:53:01 2021
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) Benzyl Chloride	16.97	91	18711	1.006	ppbv	#	1
67) sec-Butylbenzene	17.30	105	170908	0.265	ppbv		98
69) p-Isopropyltoluene	17.65	119	29193	0.054	ppbv	#	49
71) 2-Chlorotoluene	15.48	91	47512	0.131	ppbv		72
72) 4-Ethyltoluene	15.84	105	136783	0.317	ppbv	#	85
73) 1,3,5-Trimethylbenzene	16.00	105	295122	0.761	ppbv		92
74) 1,2,4-Trimethylbenzene	16.76	105	517151	1.250	ppbv	#	74
75) 1,3-Dichlorobenzene	16.99	146	47249	0.186	ppbv	#	1
79) Naphthalene	22.19	128	91836	0.242	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	40832	0.662	ppbv	#	87

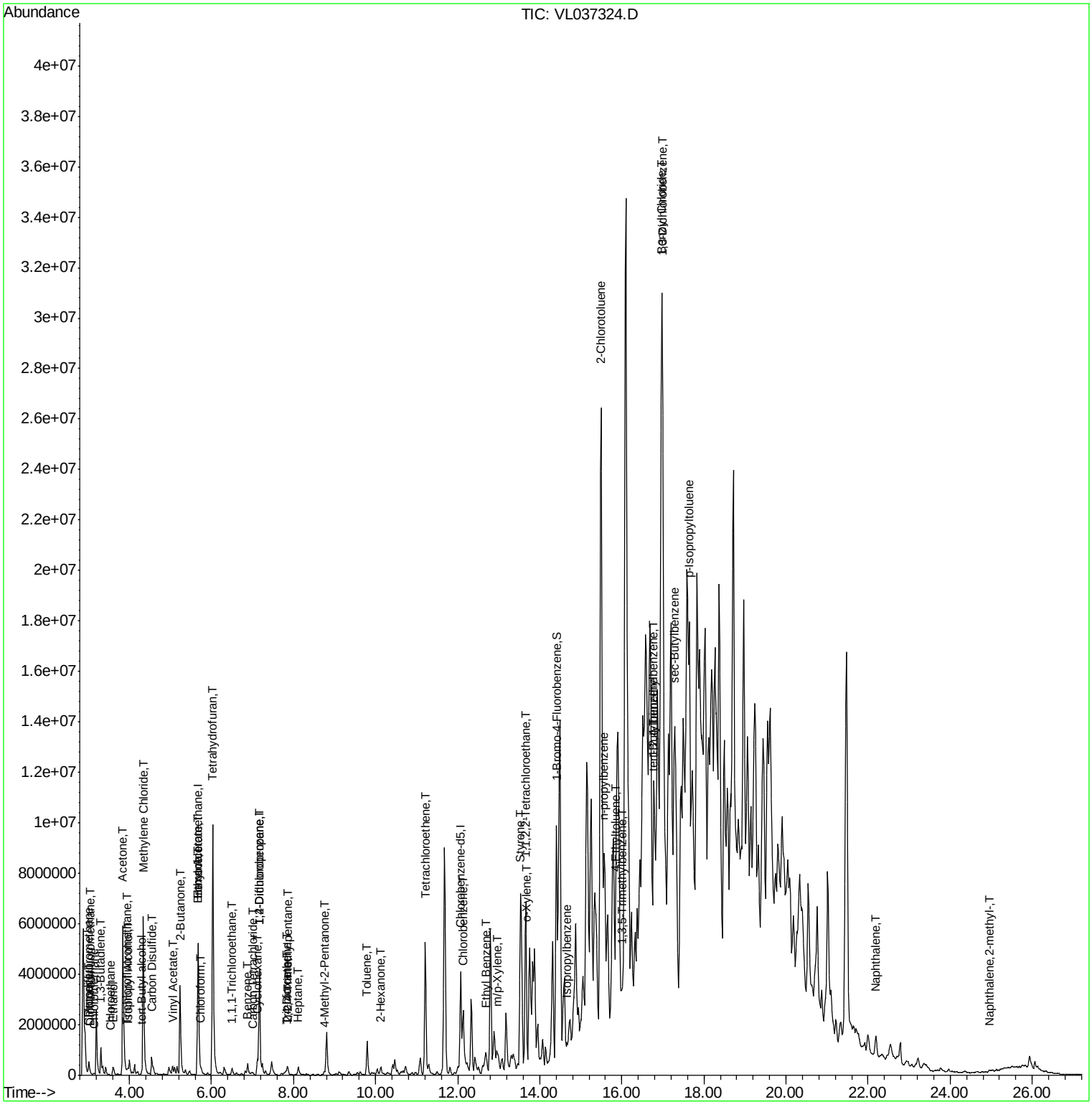
(#) = qualifier out of range (m) = manual integration (+) = signals summed

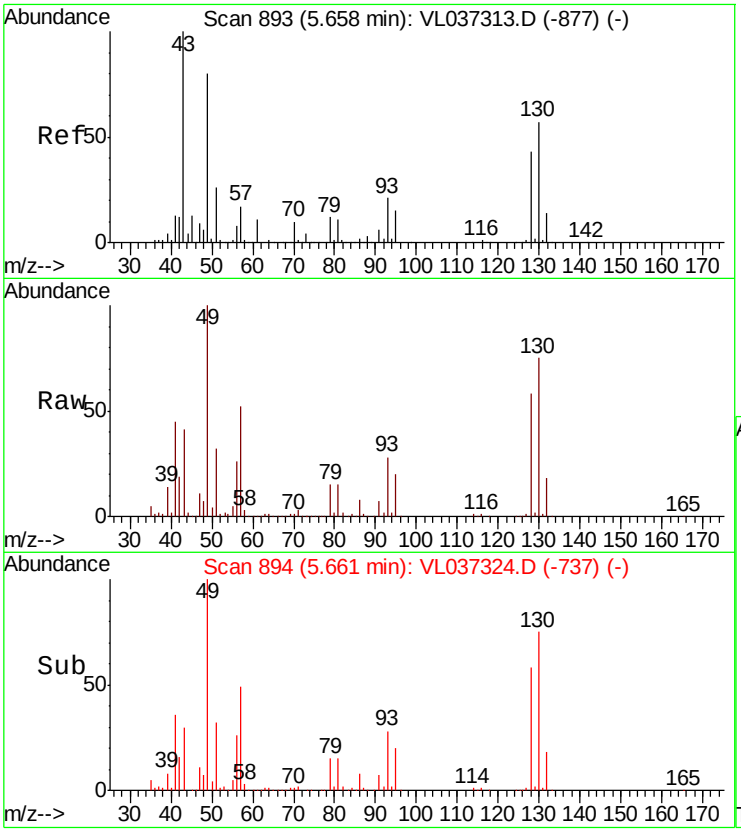
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037324.D
Acq On : 5 Aug 2021 1:53
Operator : SY/AP
Sample : M3211-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 05 03:59:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04 22:53:01 2021
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration



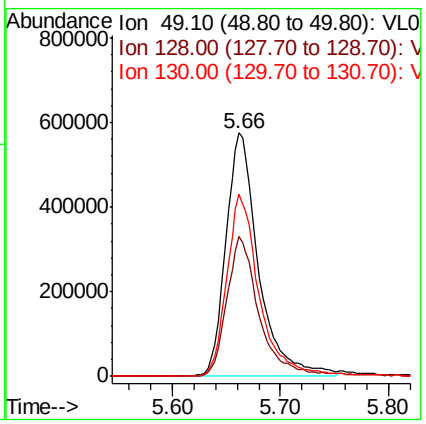


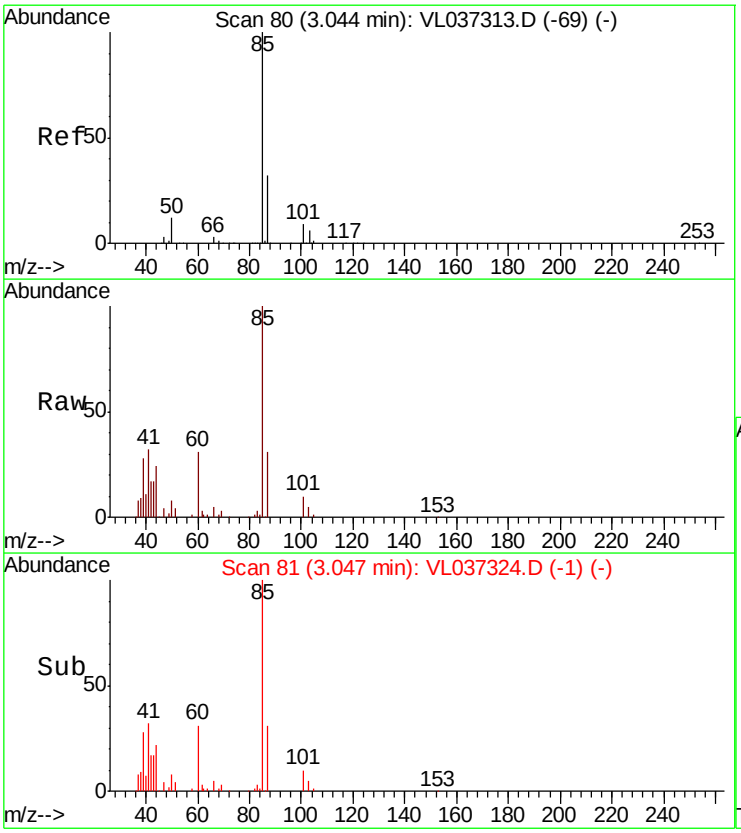
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1210736

Ion	Ratio	Lower	Upper
49	100		
128	58.0	29.8	89.5
130	75.7	37.5	112.7

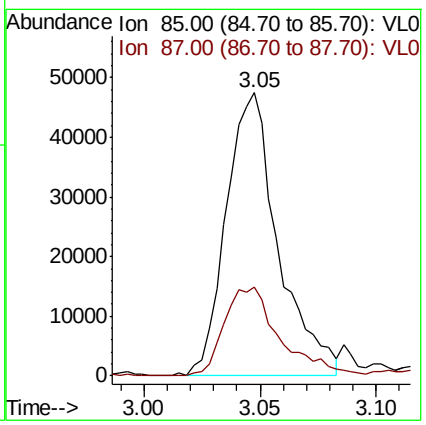


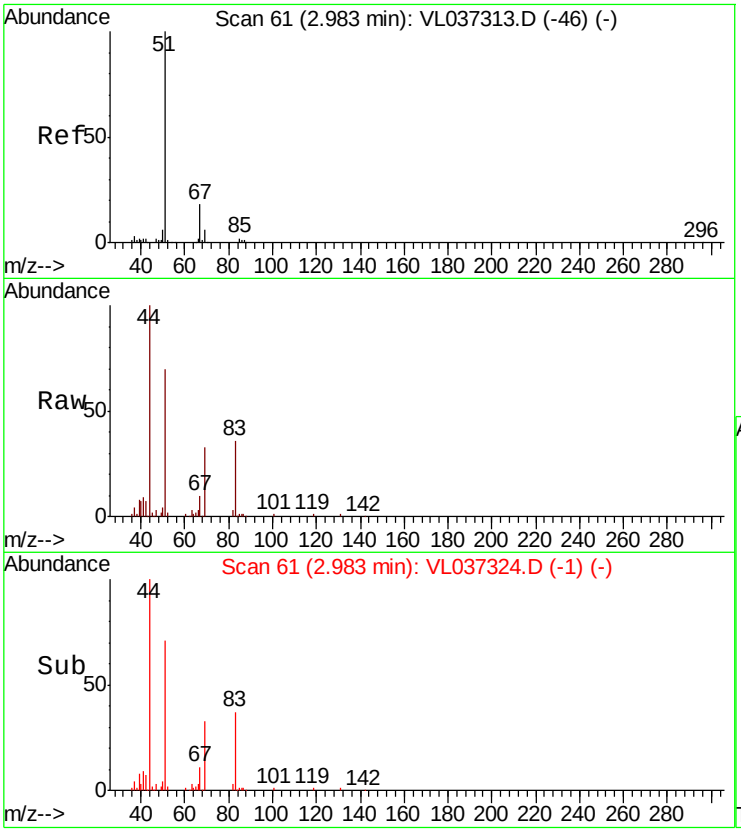


#2
Dichlorodifluoromethane
Concen: 0.301 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 85 Resp: 73995

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.5	38.3

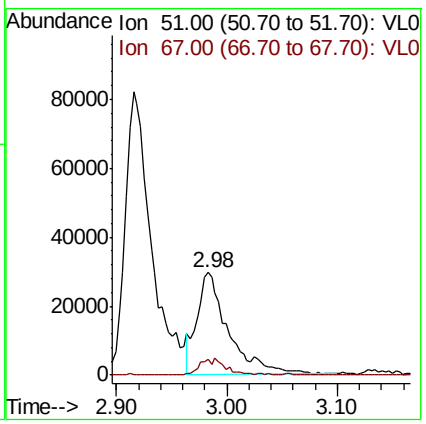




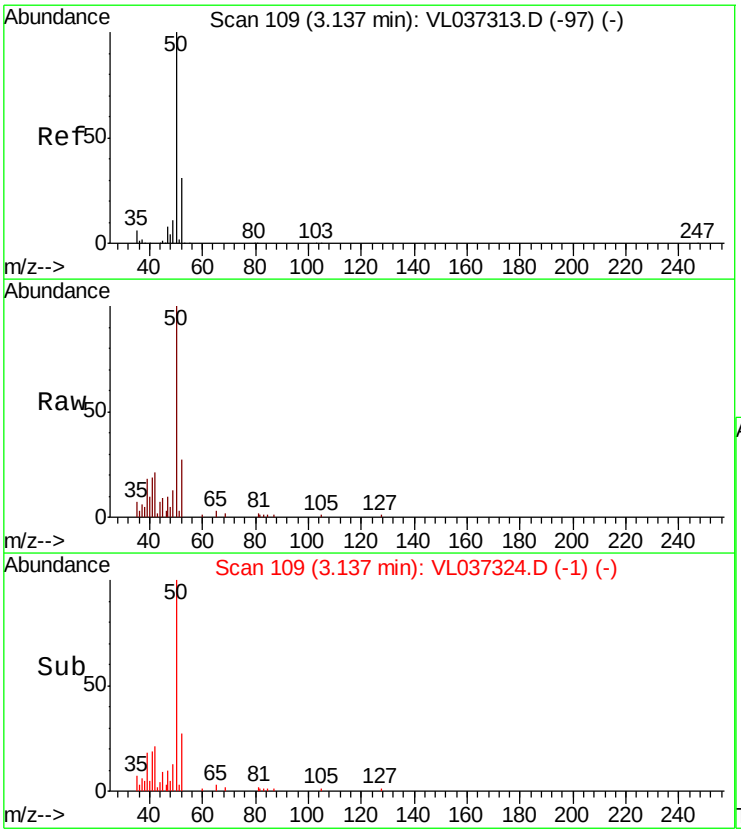
#3
Chlorodifluoromethane
Concen: 0.237 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 51 Resp: 58341

Ion	Ratio	Lower	Upper
51	100		
67	14.4	14.2	21.2



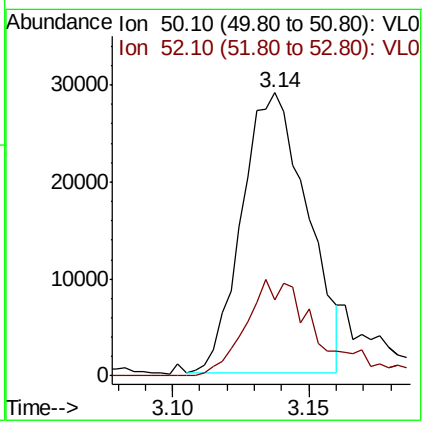
Instrument :
MSVOA_L
ClientSampleId :

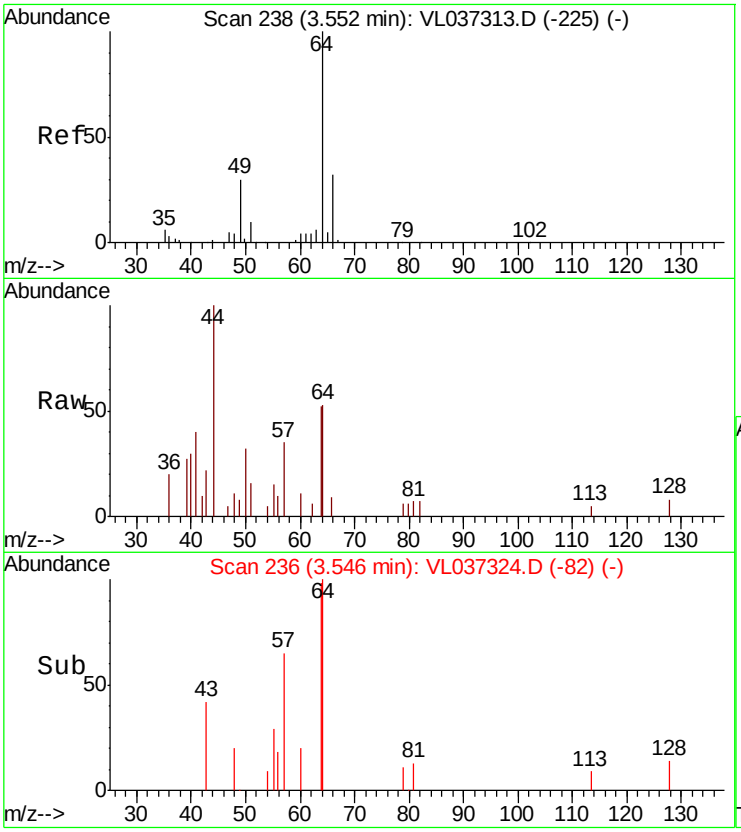


#4
Chloromethane
Concen: 0.546 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 50 Resp: 48160

Ion	Ratio	Lower	Upper
50	100		
52	27.2	25.1	37.7



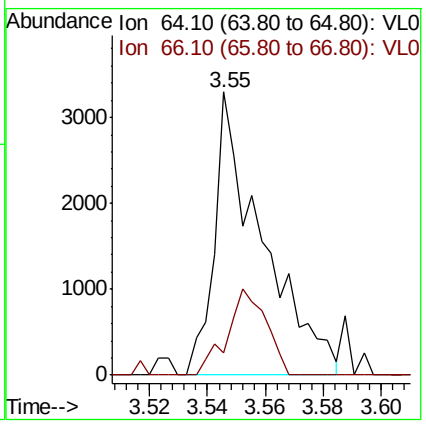


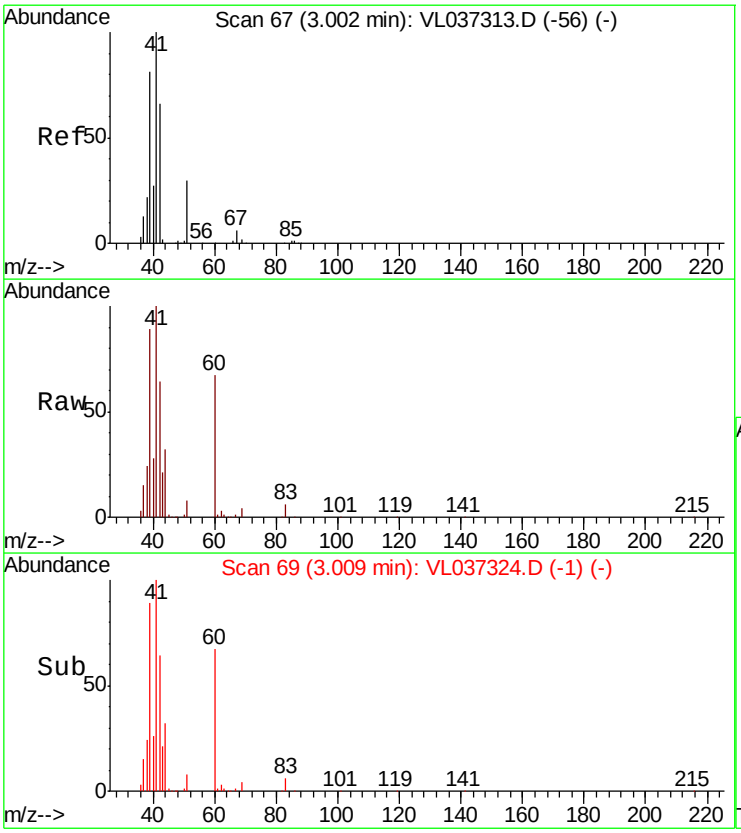
#7
Chloroethane
Concen: 0.114 ppbv
RT: 3.55 min Scan# 236
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 3738

Ion	Ratio	Lower	Upper
64	100		
66	8.1	25.5	38.3#

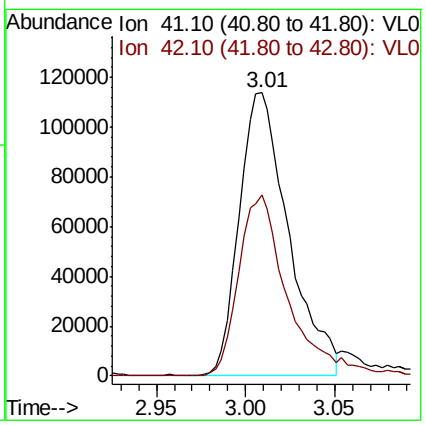


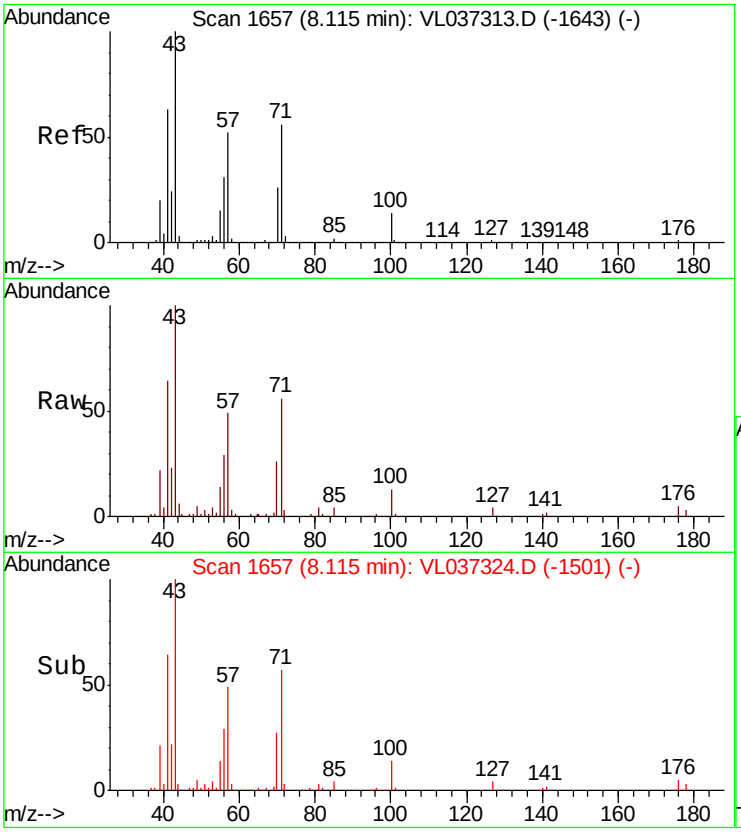


#9
Propene
Concen: 2.477 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 41 Resp: 220440

Ion	Ratio	Lower	Upper
41	100		
42	64.5	53.8	80.8



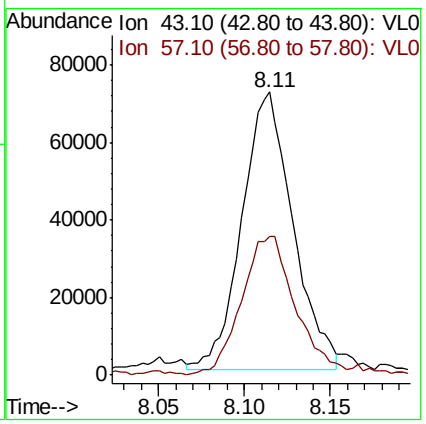


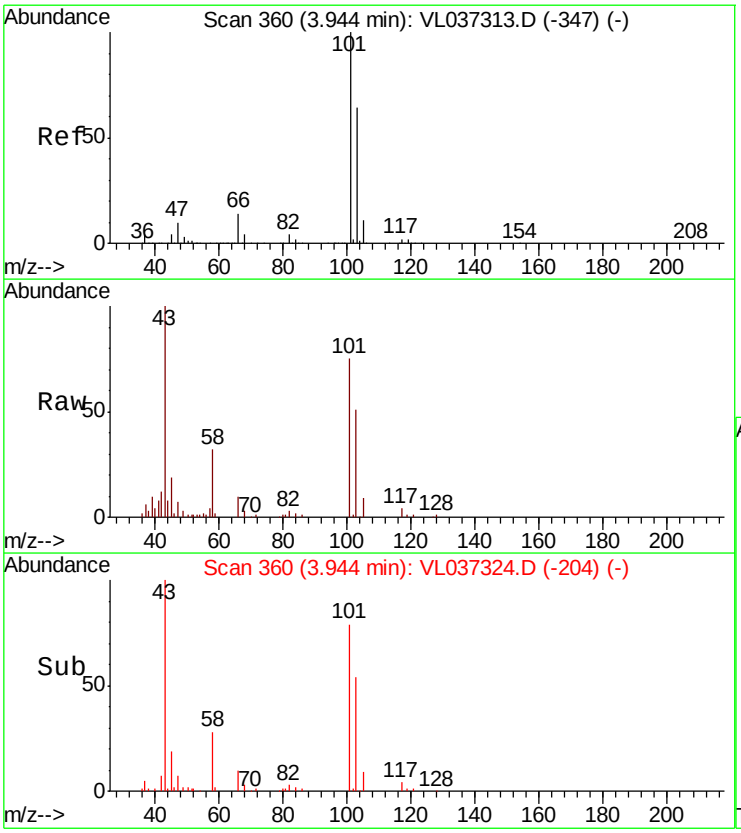
#10
Heptane
Concen: 0.710 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 147594

Ion	Ratio	Lower	Upper
43	100		
57	54.4	42.4	63.6

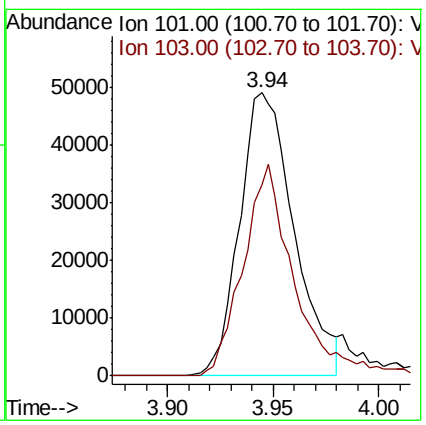


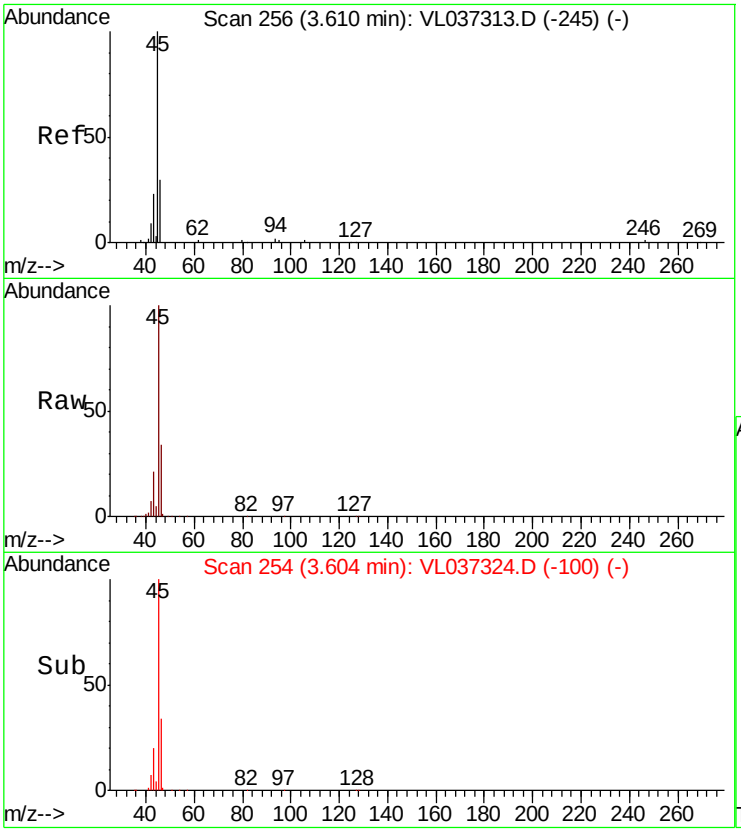


#11
Trichlorofluoromethane
Concen: 0.390 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:101 Resp: 88142

Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.6	77.4



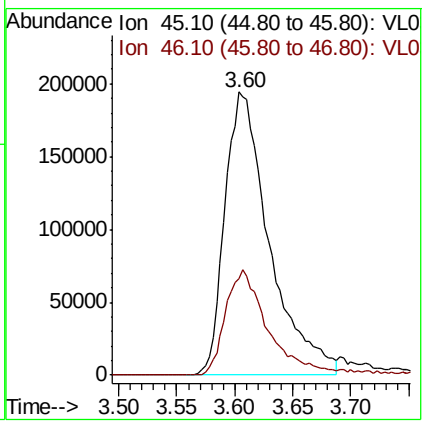


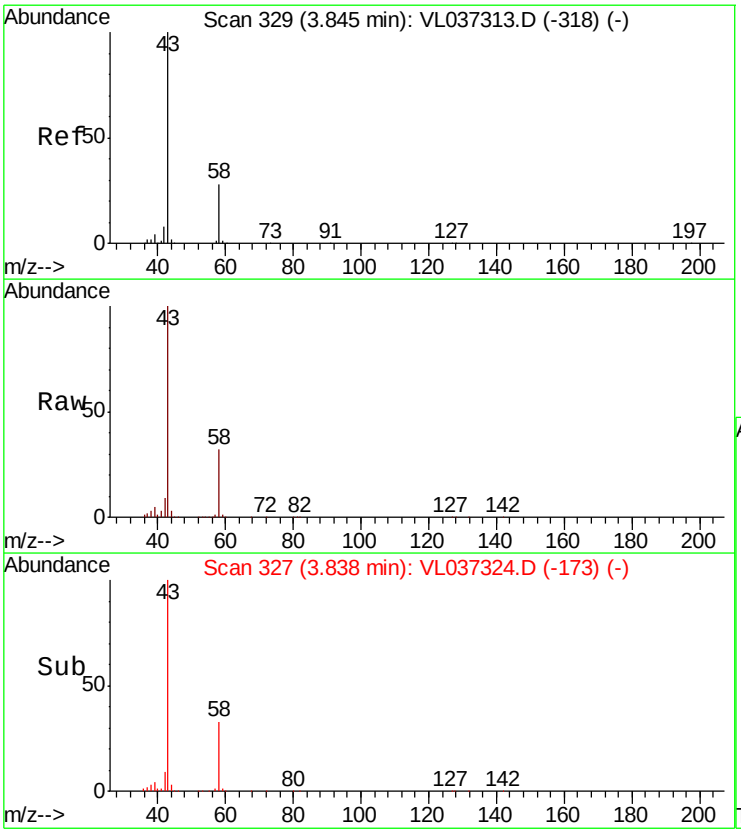
#13
Ethanol
Concen: 38.616 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 517721

Ion	Ratio	Lower	Upper
45	100		
46	36.7	16.6	66.4

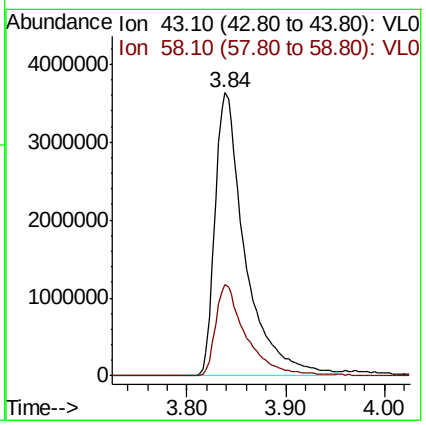


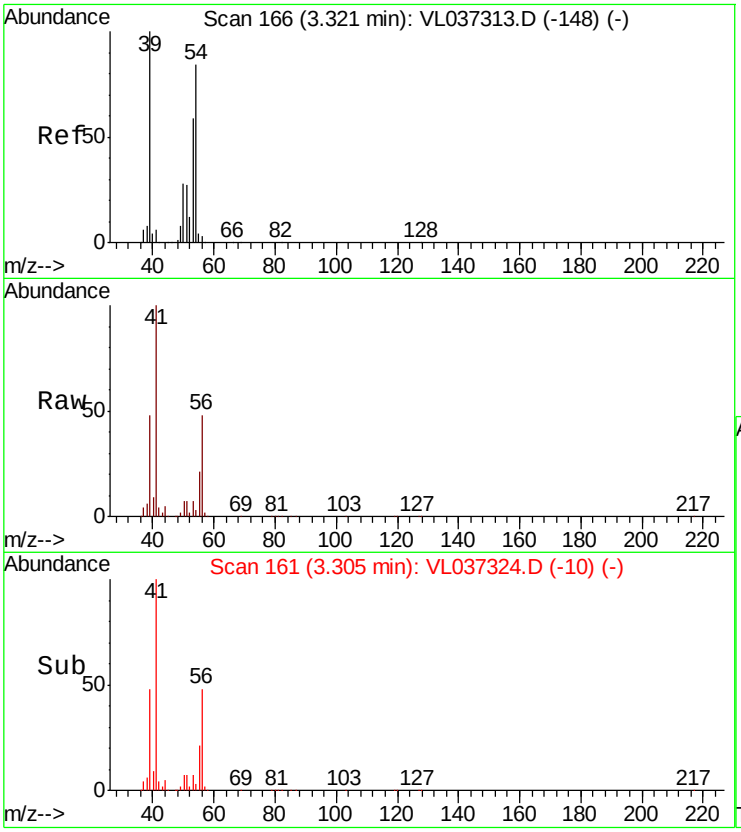


#15
Acetone
Concen: 59.388 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 43 Resp: 7810450

Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.3	37.9



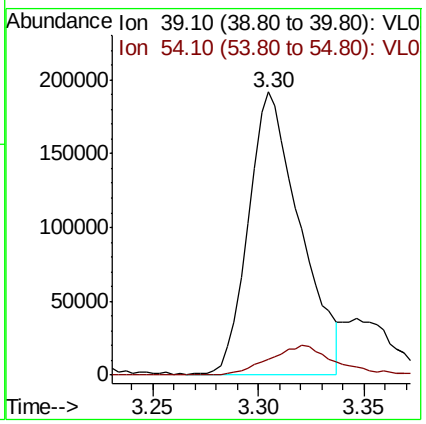


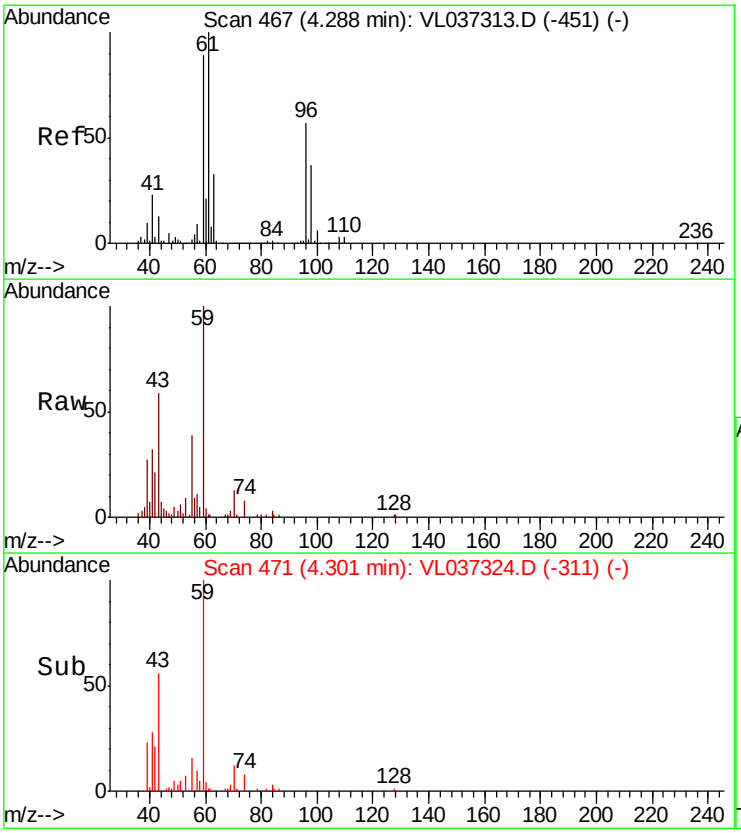
#16
1,3-Butadiene
Concen: 3.826 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 324186

Ion	Ratio	Lower	Upper
39	100		
54	13.9	66.1	99.1#

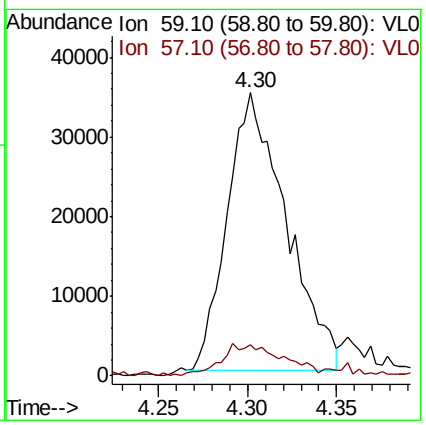


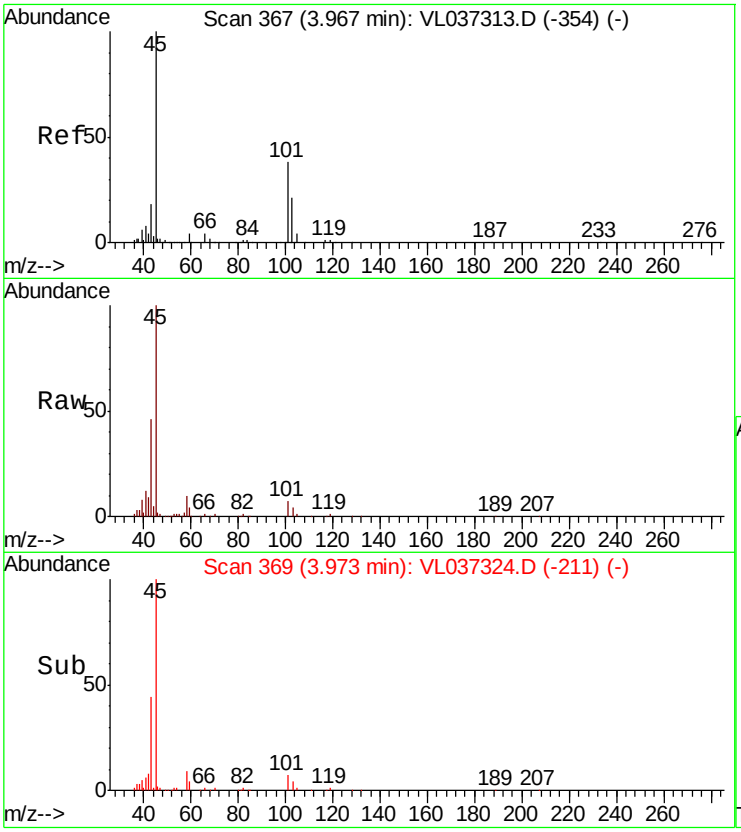


#17
tert-Butyl alcohol
Concen: 0.609 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 59 Resp: 80455

Ion	Ratio	Lower	Upper
59	100		
57	13.7	8.6	12.8#



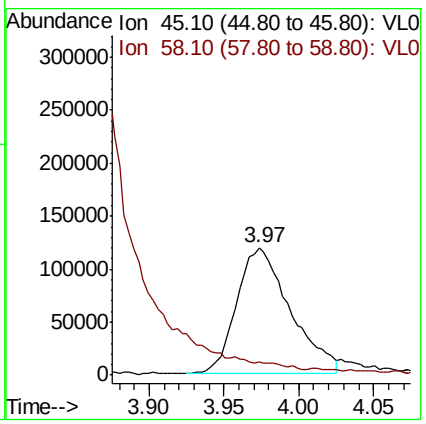


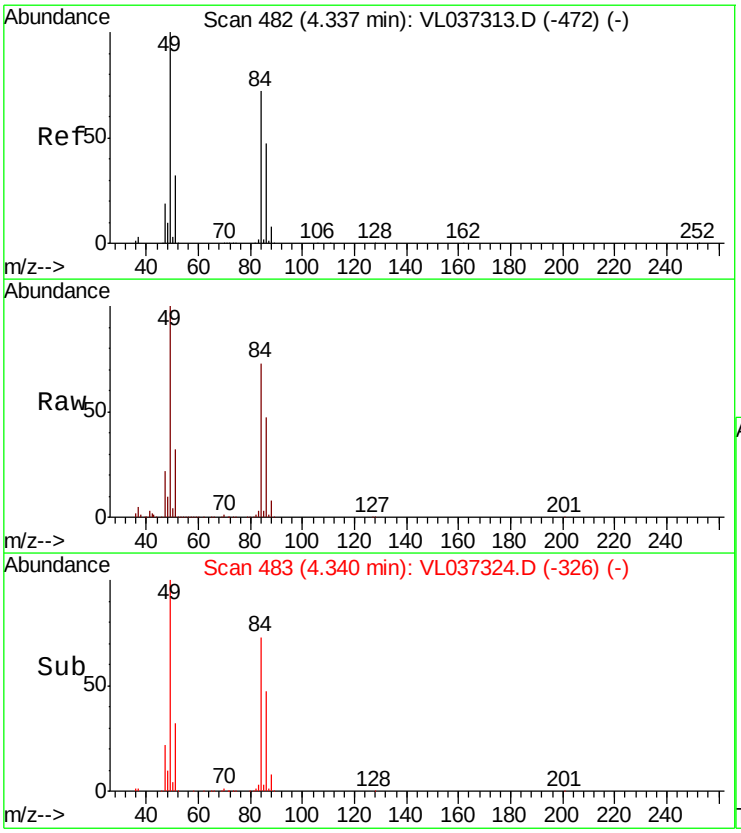
#19
Isopropyl Alcohol
Concen: 4.074 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 296513

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

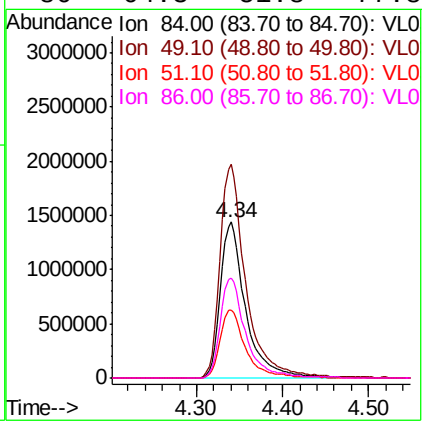


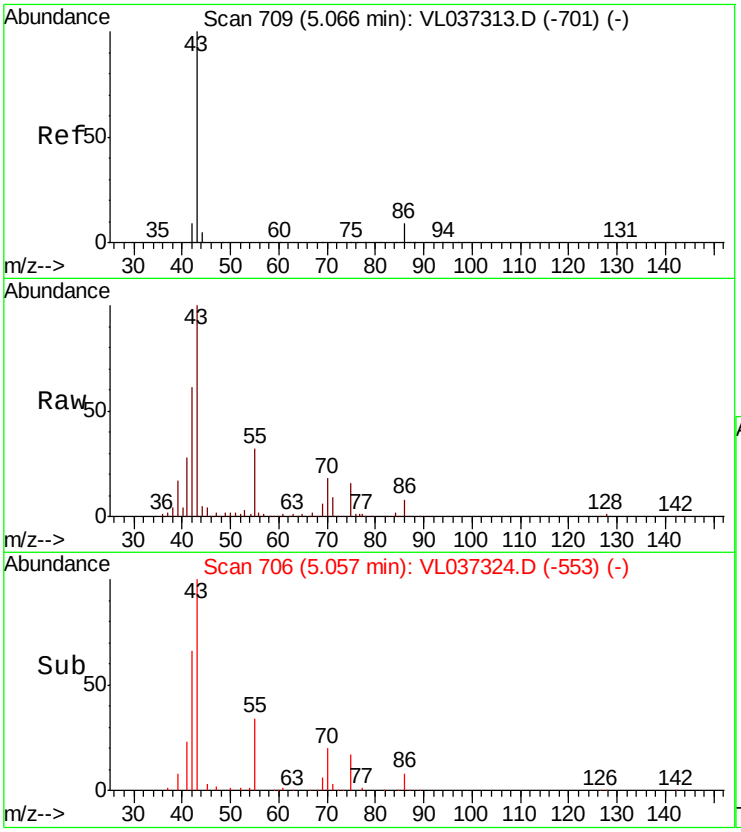


#20
Methylene Chloride
Concen: 27.060 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 84 Resp: 2946453

Ion	Ratio	Lower	Upper
84	100		
49	136.9	110.4	165.6
51	43.7	35.8	53.6
86	64.3	51.8	77.8



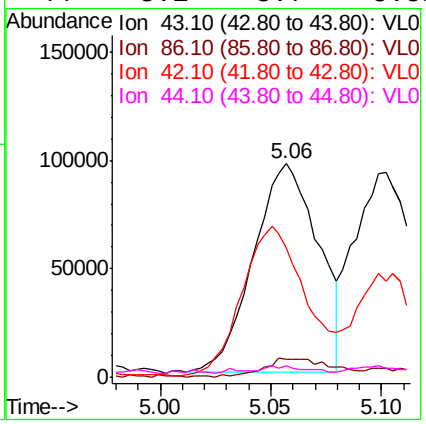


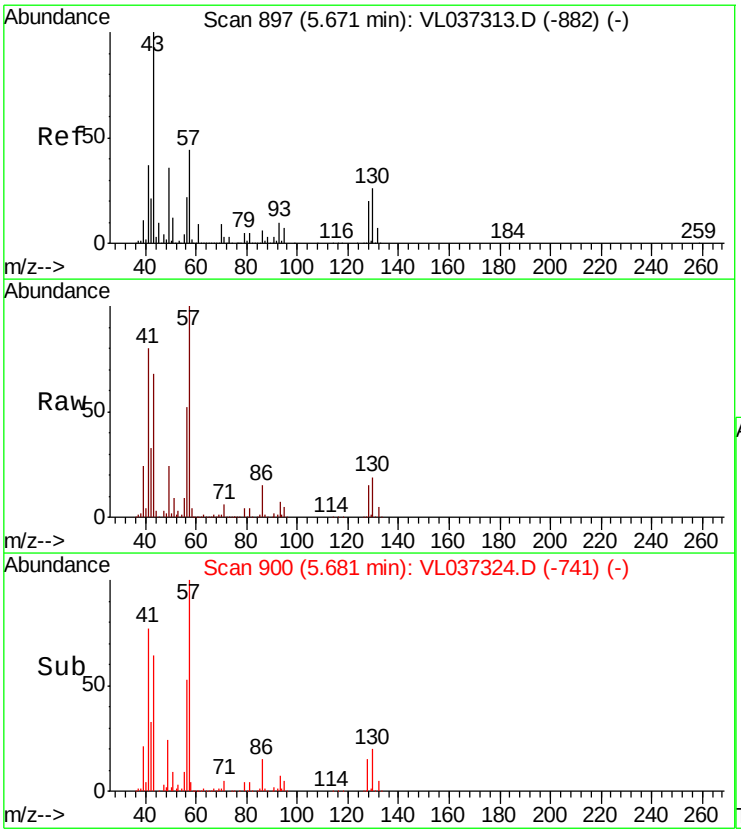
#23
Vinyl Acetate
Concen: 0.984 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 195330

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.2	9.2
42	60.9	7.7	11.5#
44	3.1	3.7	5.5#

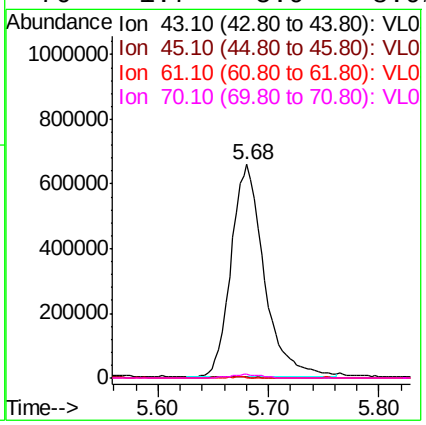


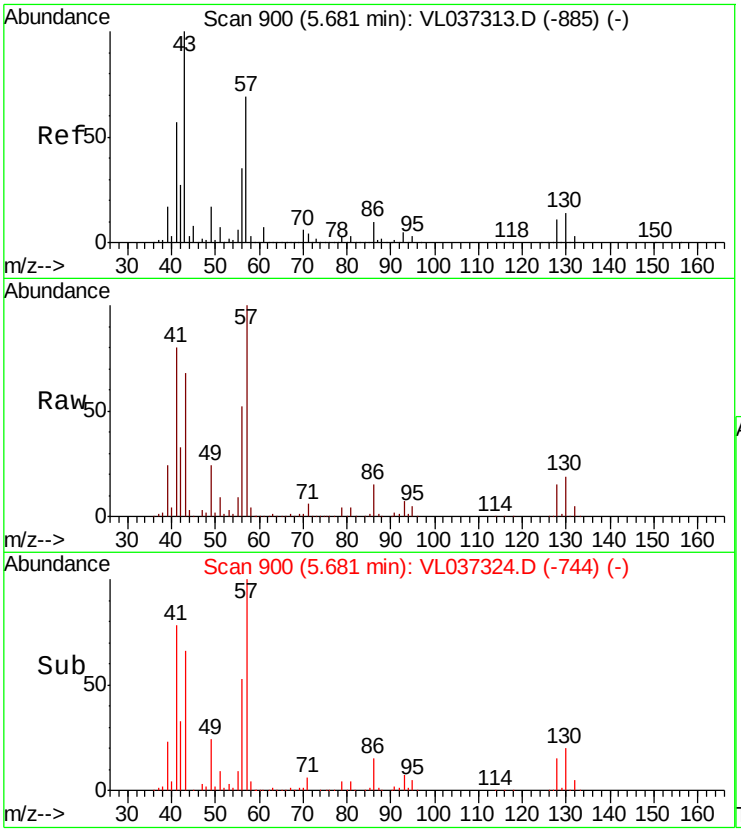


#25
Ethyl Acetate
Concen: 3.989 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 43 Resp: 1364281

Ion	Ratio	Lower	Upper
43	100		
45	0.8	7.8	11.8#
61	0.5	8.6	12.8#
70	1.7	5.9	8.9#



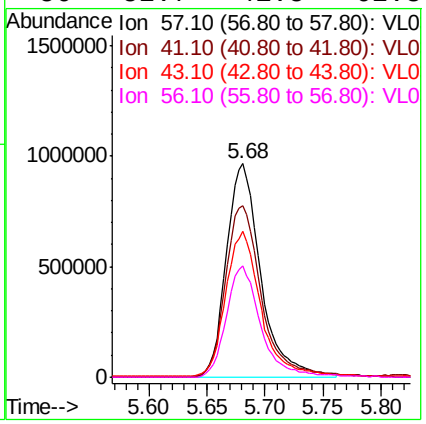


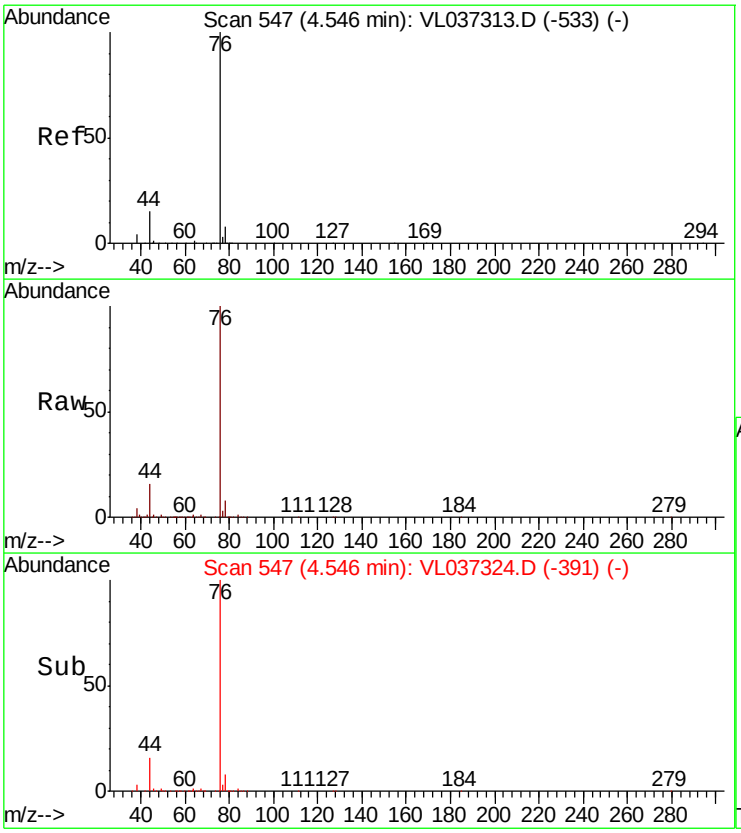
#26
Hexane
Concen: 10.361 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 1982847

Ion	Ratio	Lower	Upper
57	100		
41	84.5	67.5	101.3
43	70.7	163.0	244.4#
56	52.7	41.5	62.3

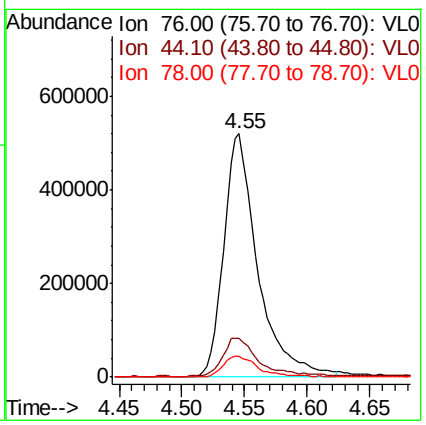


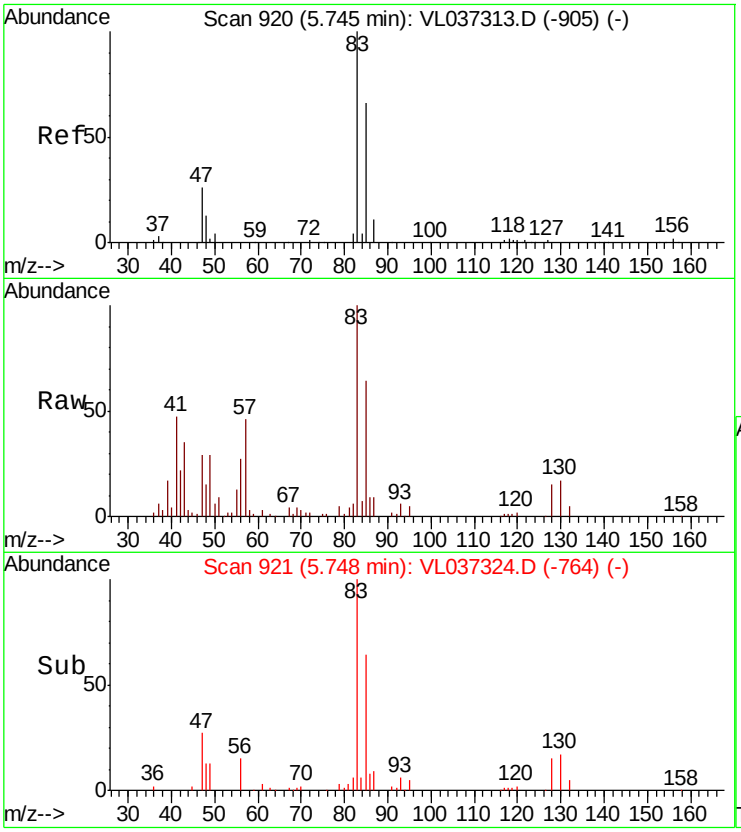


#27
Carbon Disulfide
Concen: 6.280 ppbv
RT: 4.55 min Scan# 547
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 76 Resp: 978013

Ion	Ratio	Lower	Upper
76	100		
44	17.0	13.1	19.7
78	9.2	8.0	12.0



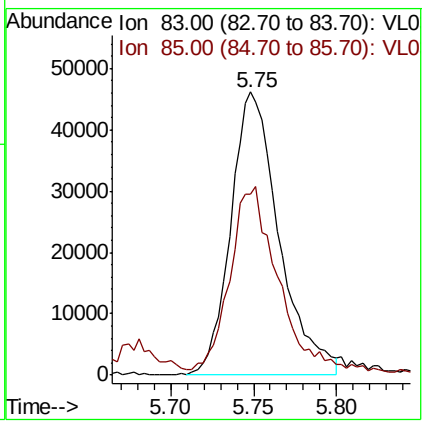


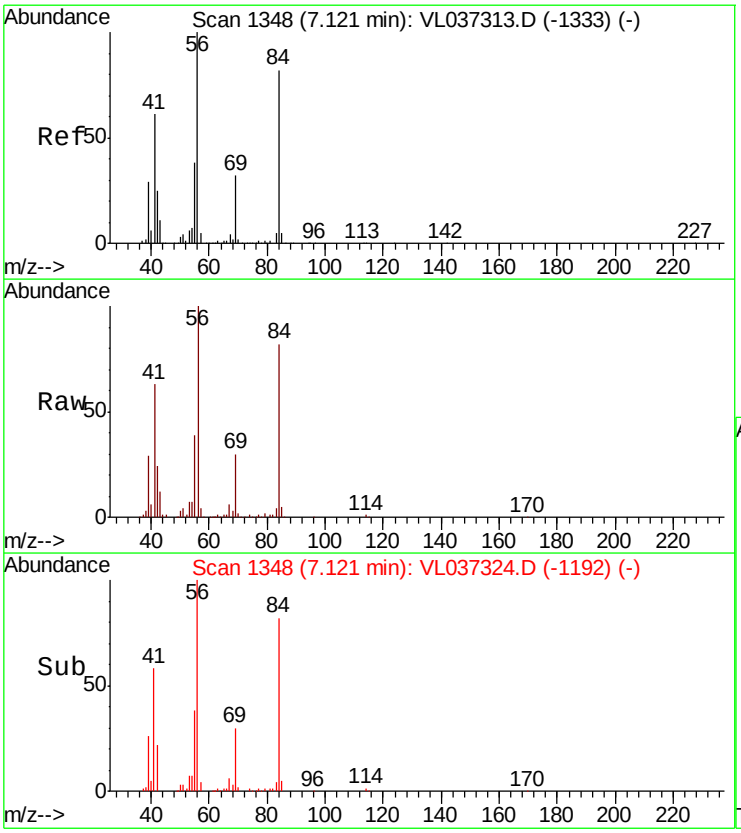
#29
Chloroform
Concen: 0.386 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 93663

Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.6	79.0

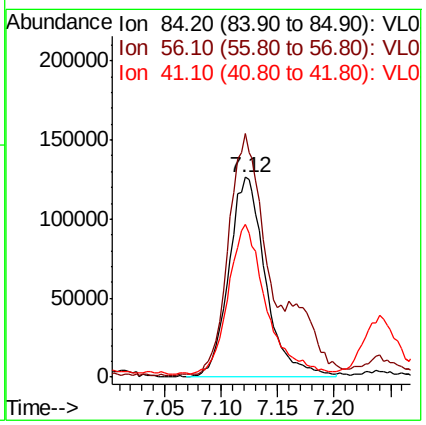


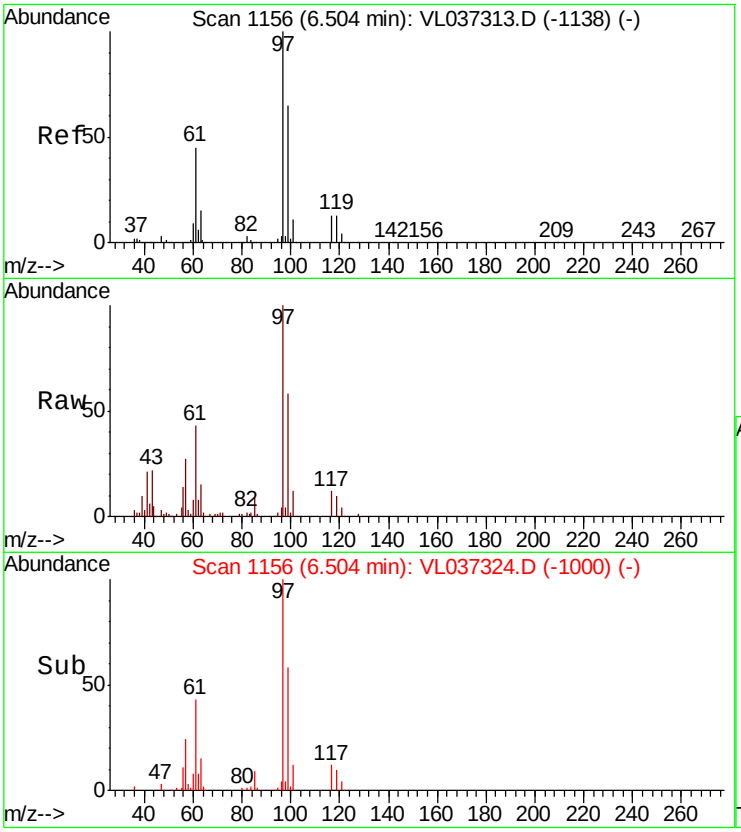


#30
Cyclohexane
Concen: 1.941 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 84 Resp: 286454

Ion	Ratio	Lower	Upper
84	100		
56	147.8	105.2	157.8
41	77.7	61.3	91.9



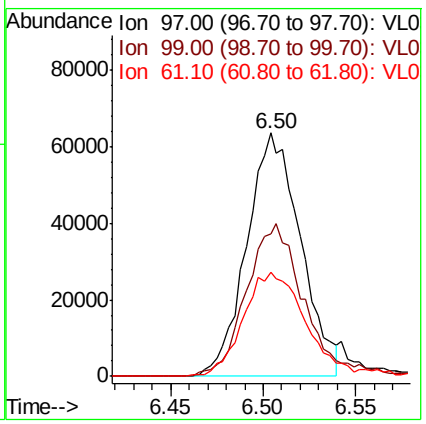


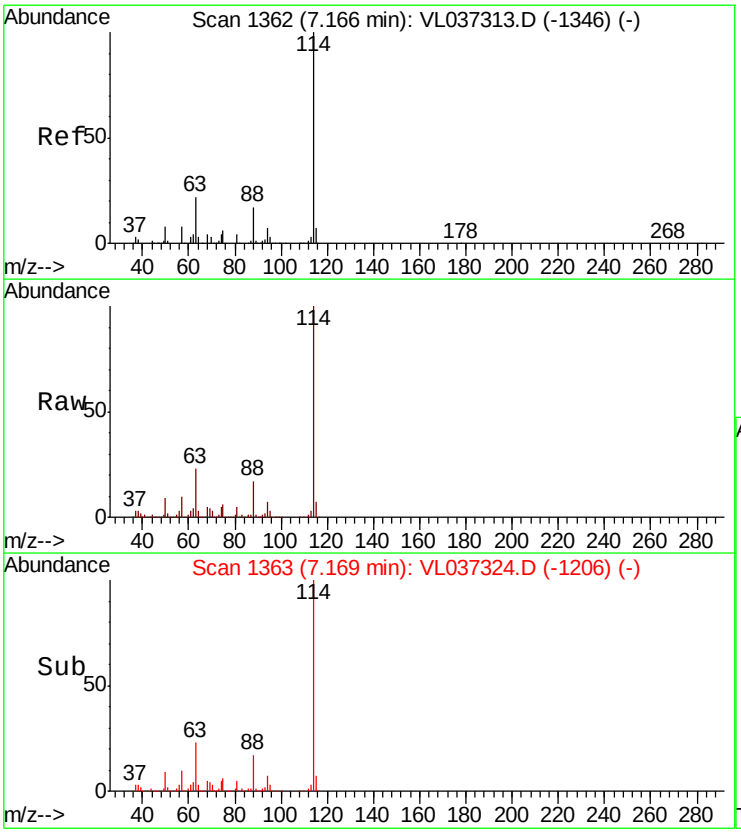
#32
1,1,1-Trichloroethane
Concen: 0.557 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 128691

Ion	Ratio	Lower	Upper
97	100		
99	67.6	52.3	78.5
61	50.6	37.2	55.8

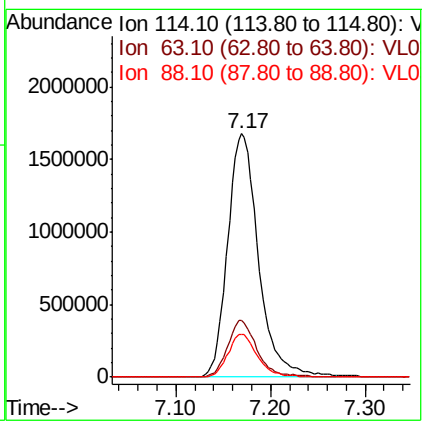


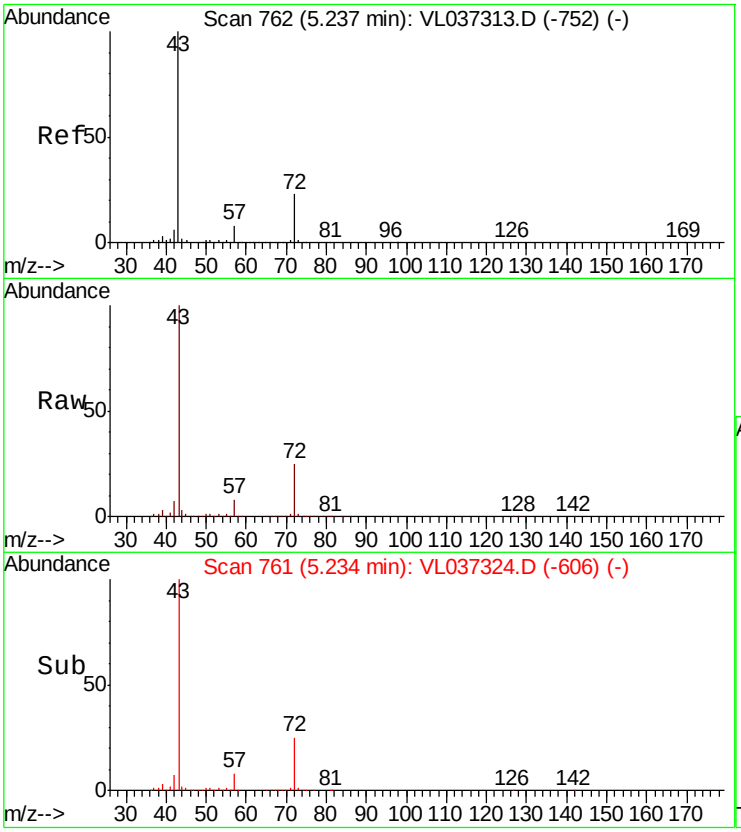


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:114 Resp: 3795496

Ion	Ratio	Lower	Upper
114	100		
63	22.5	18.1	27.1
88	17.3	13.8	20.8



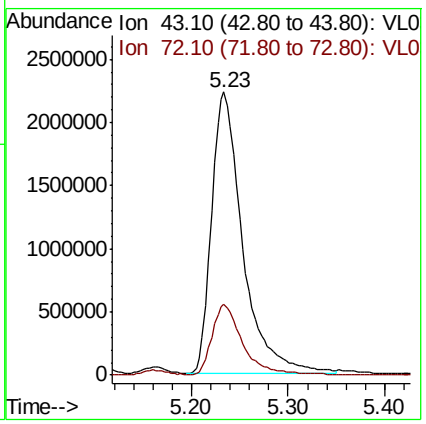


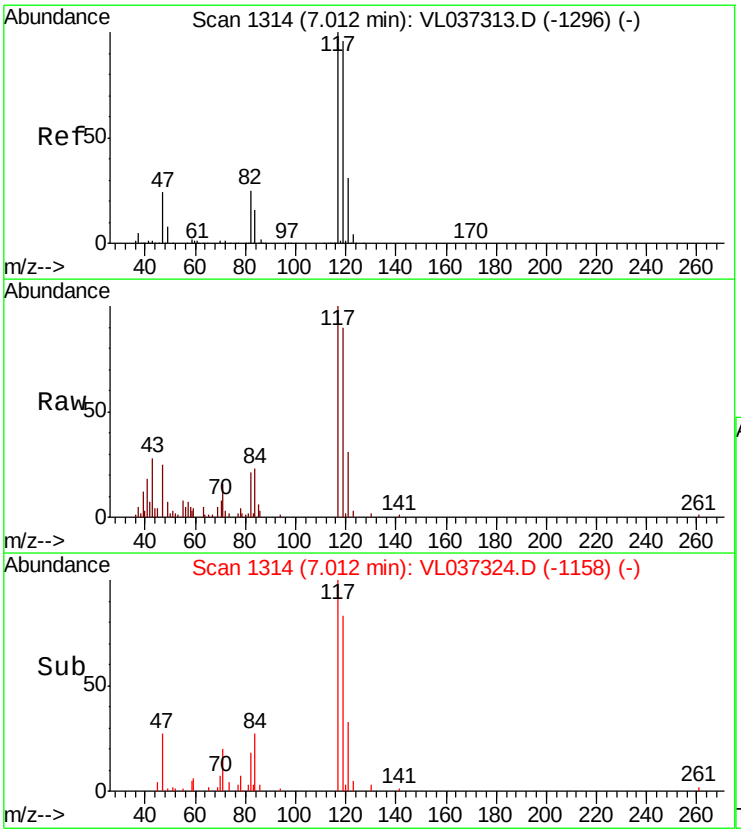
#34
2-Butanone
Concen: 37.950 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 4998262

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.3	30.5

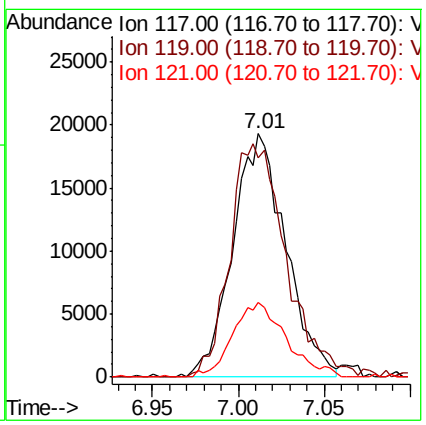


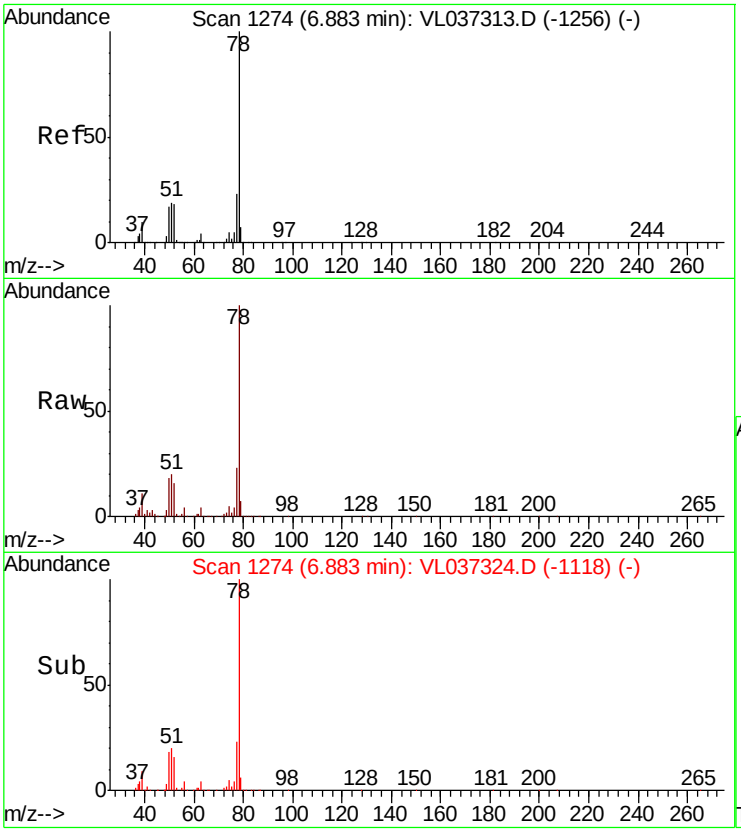


#35
Carbon Tetrachloride
Concen: 0.182 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:117 Resp: 41255

Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.6	114.8
121	30.5	24.9	37.3



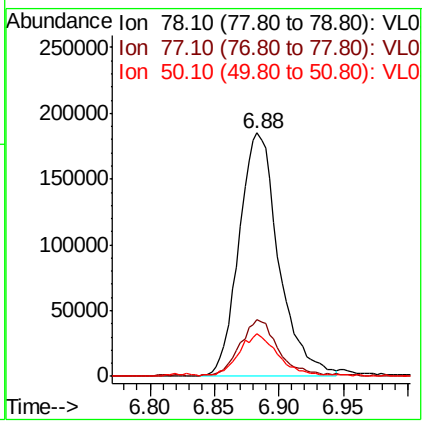


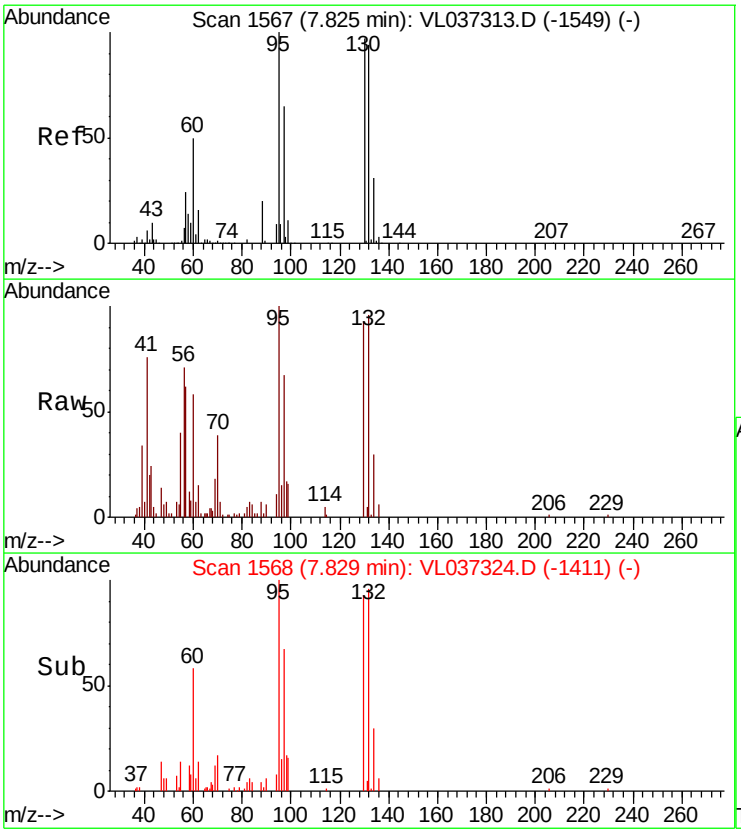
#36
Benzene
Concen: 1.168 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 398879

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1
50	16.7	13.7	20.5

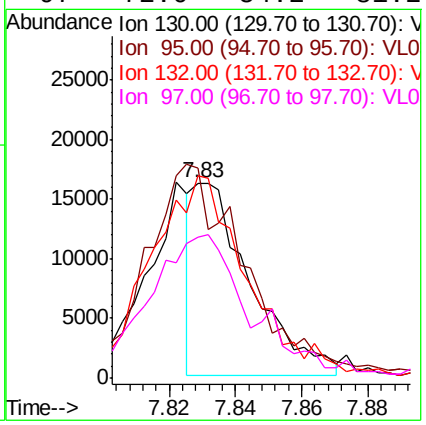


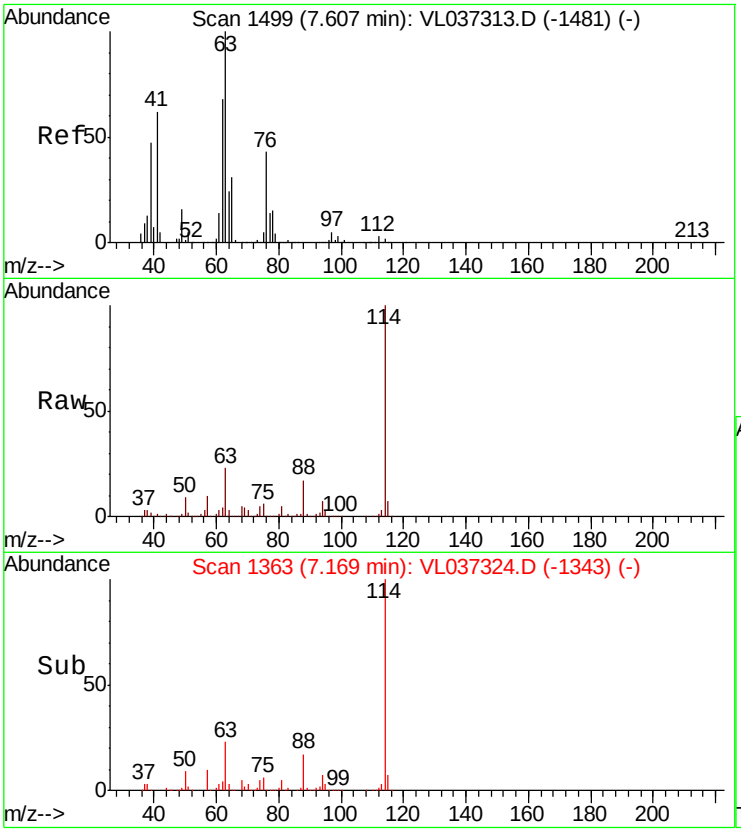


#38
Trichloroethene
Concen: 0.129 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:130 Resp: 19252

Ion	Ratio	Lower	Upper
130	100		
95	106.4	82.8	124.2
132	104.0	78.2	117.4
97	72.0	54.2	81.2



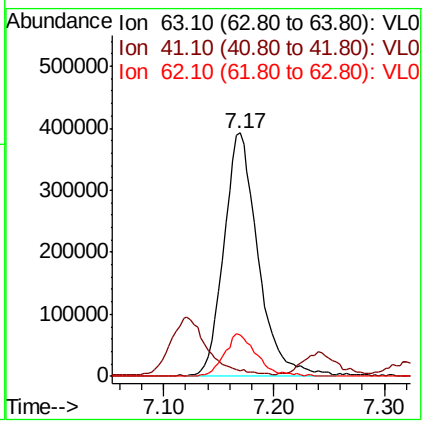


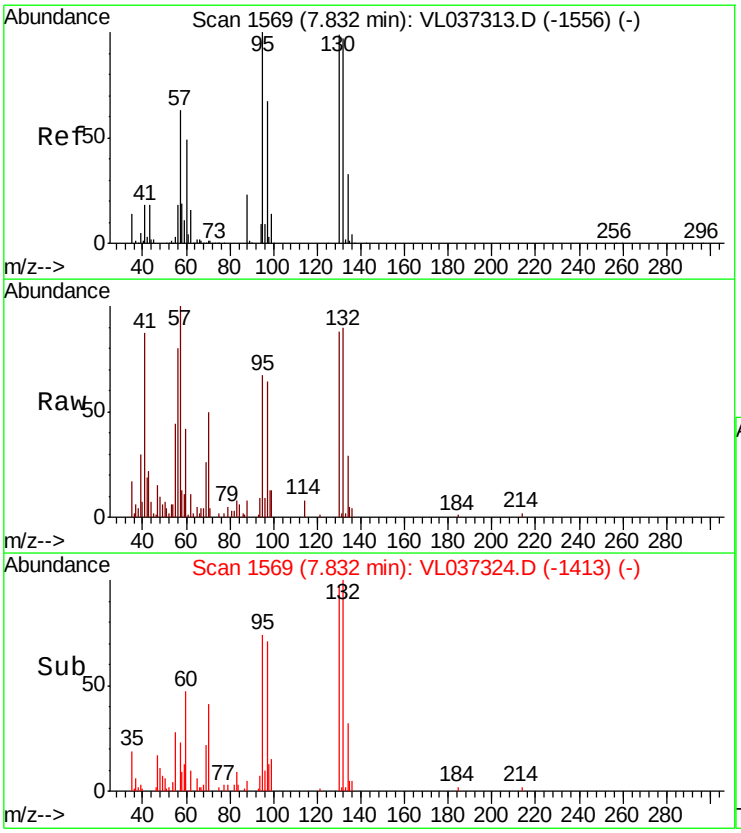
#39
1,2-Dichloropropane
Concen: 6.558 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.44 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 834157

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.2	73.8#
62	16.9	54.2	81.4#

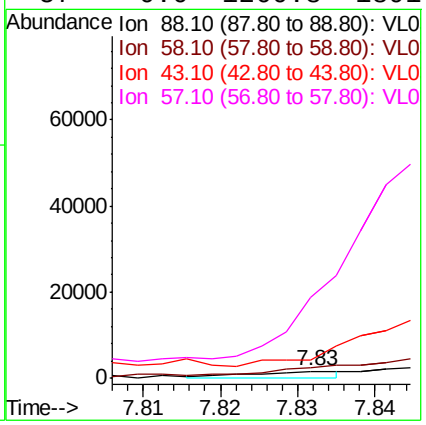


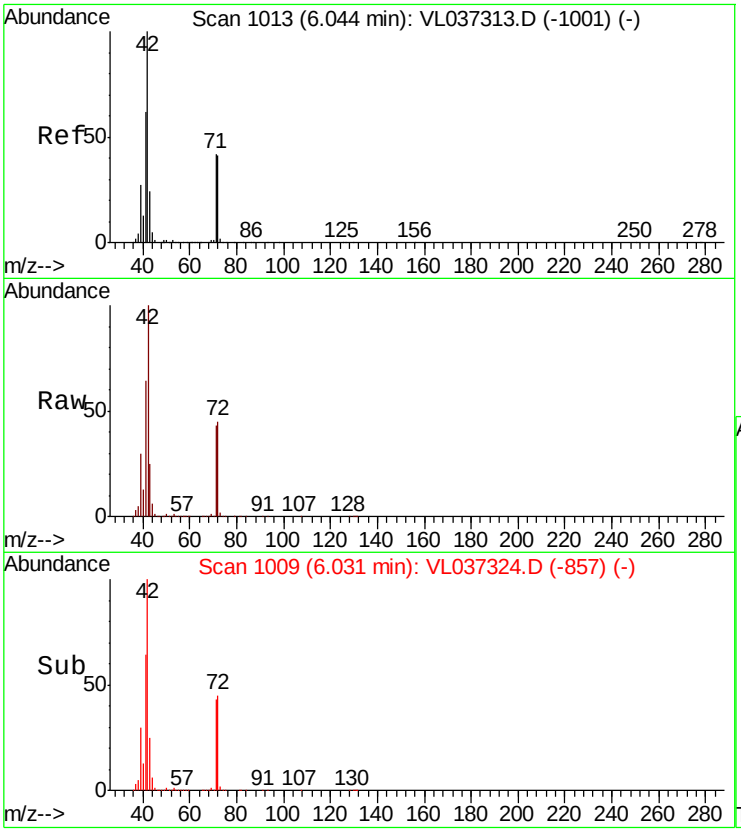


#40
1,4-Dioxane
Concen: 0.032 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 88 Resp: 1183

Ion	Ratio	Lower	Upper
88	100		
58	0.0	117.5	176.3#
43	0.0	271.0	406.4#
57	0.0	1260.8	1891.2#



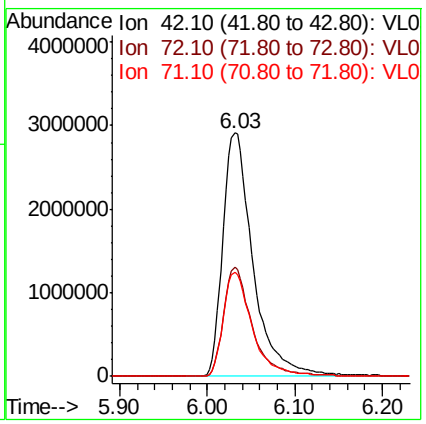


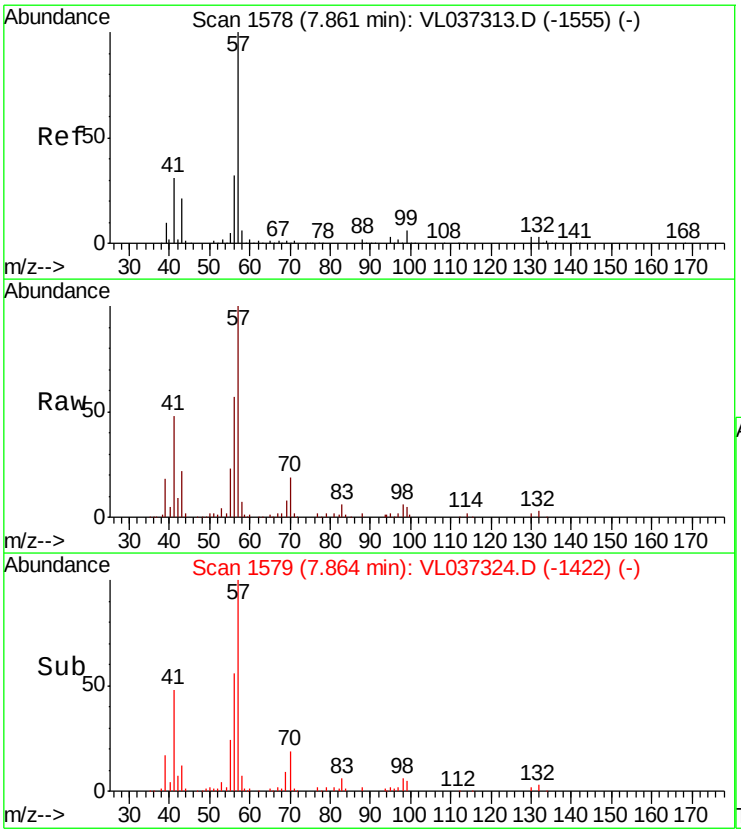
#41
Tetrahydrofuran
Concen: 94.990 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 6957592

Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.6	50.4
71	41.8	33.0	49.4

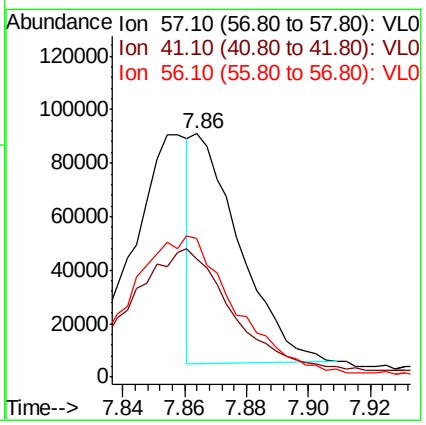


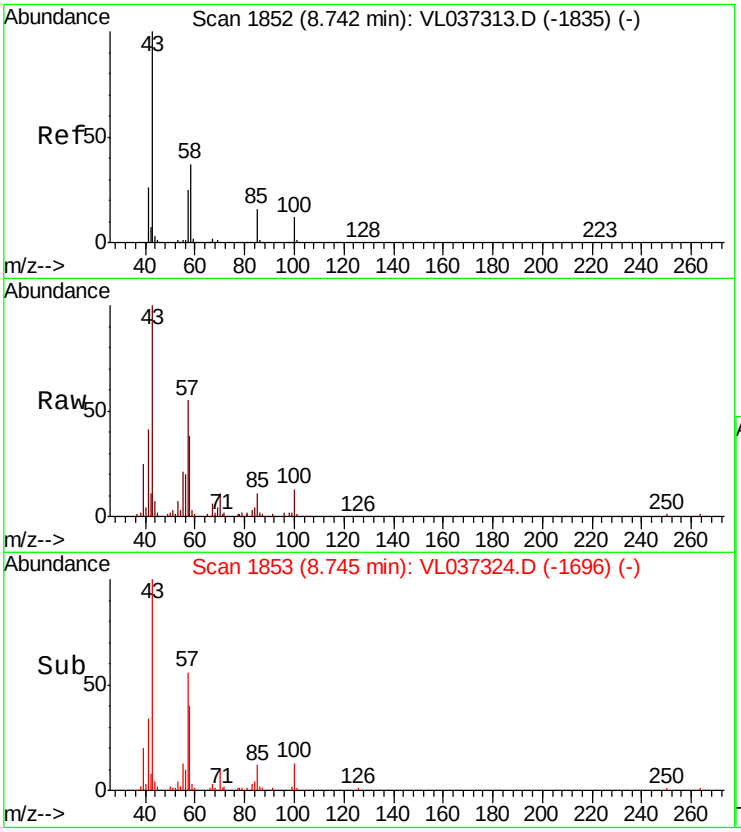


#44
2,2,4-Trimethylpentane
Concen: 0.159 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 57 Resp: 89954

Ion	Ratio	Lower	Upper
57	100		
41	130.0	24.3	36.5#
56	150.3	25.0	37.6#



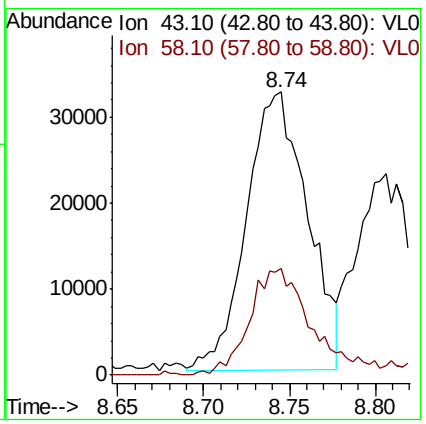


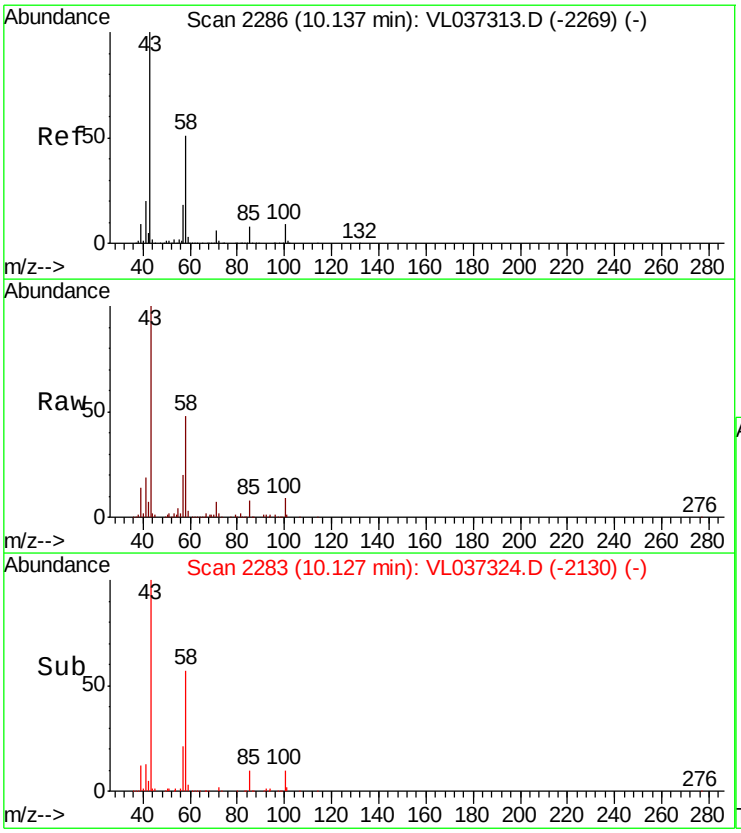
#50
4-Methyl-2-Pentanone
Concen: 0.395 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 79733

Ion	Ratio	Lower	Upper
43	100		
58	44.9	31.0	46.4

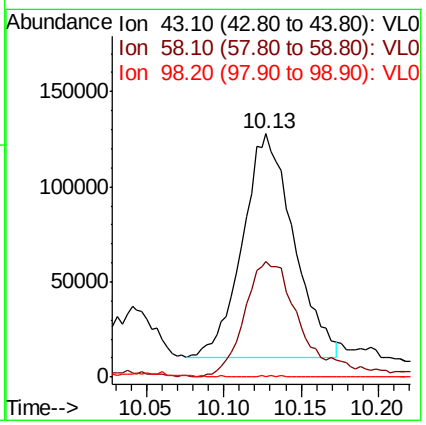


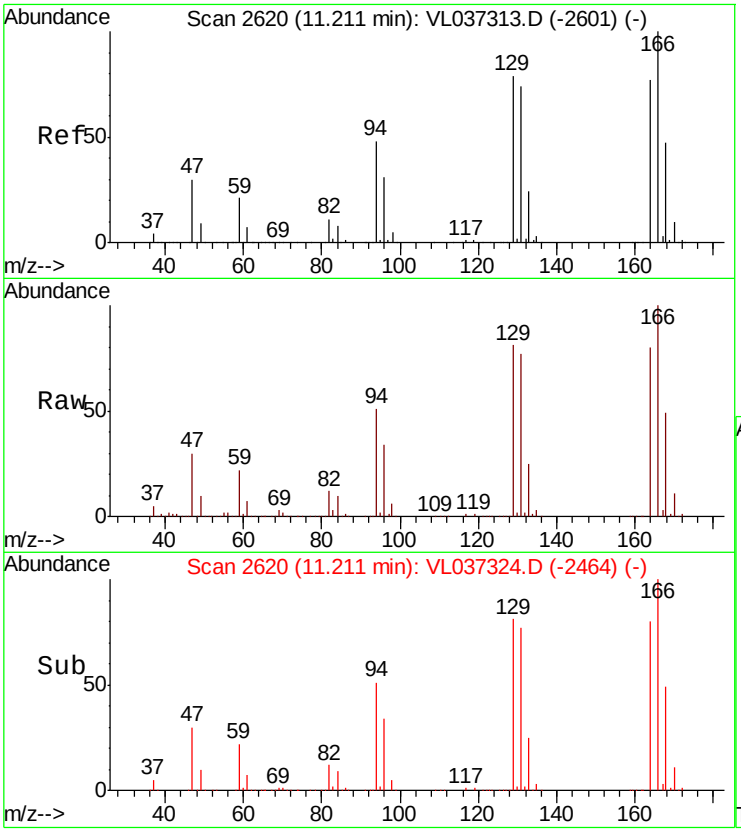


#51
2-Hexanone
Concen: 2.957 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 43 Resp: 271123

Ion	Ratio	Lower	Upper
43	100		
58	58.1	40.9	61.3
98	0.0	0.1	0.1#



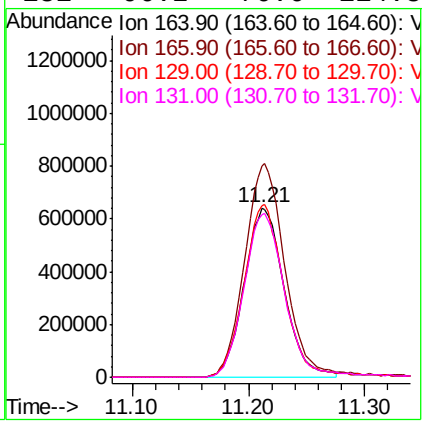


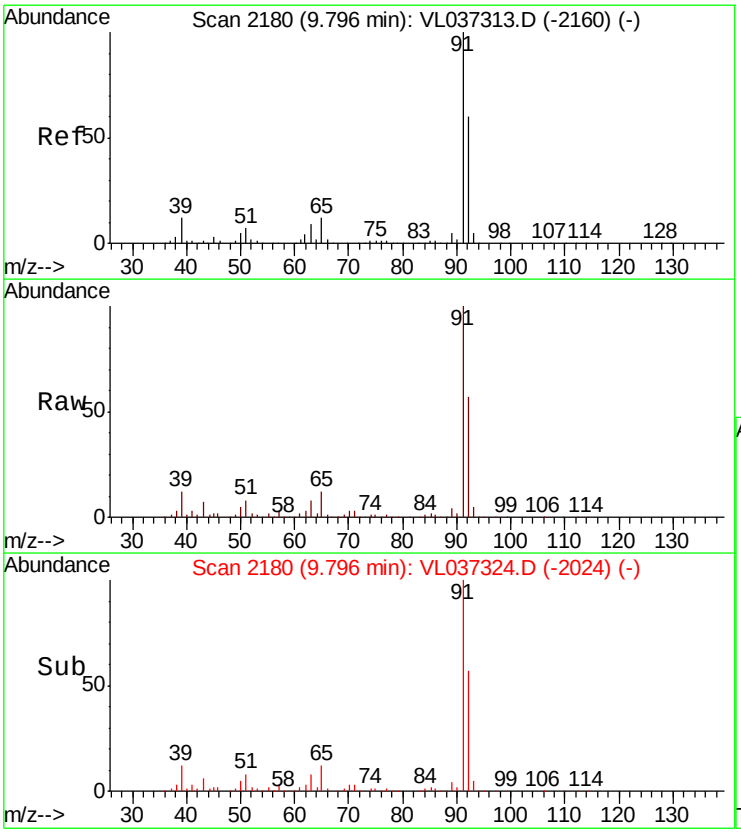
#52
Tetrachloroethene
Concen: 10.408 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 1531239

Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.4	155.2
129	101.0	82.2	123.2
131	96.2	76.6	114.8

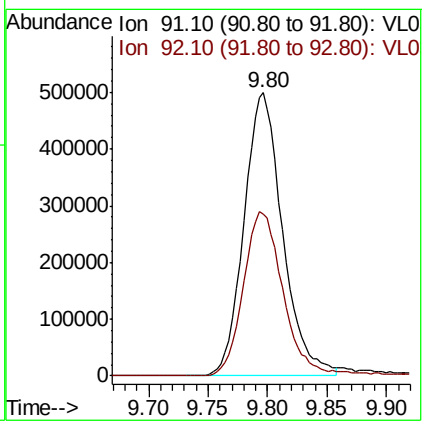


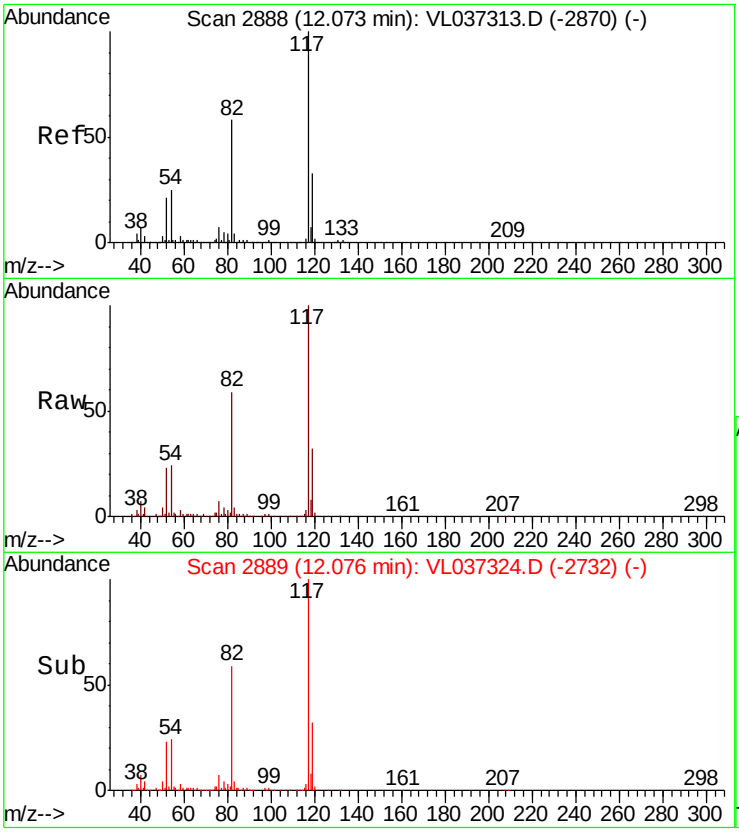


#53
Toluene
Concen: 2.779 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 91 Resp: 1120481

Ion	Ratio	Lower	Upper
91	100		
92	61.3	48.8	73.2



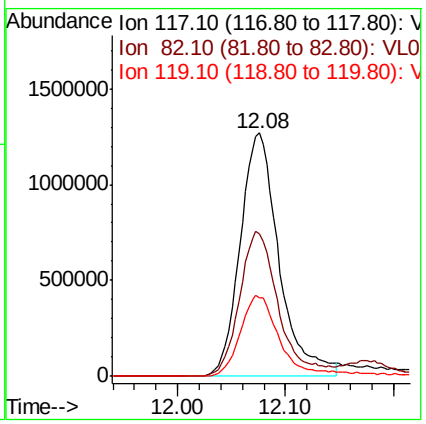


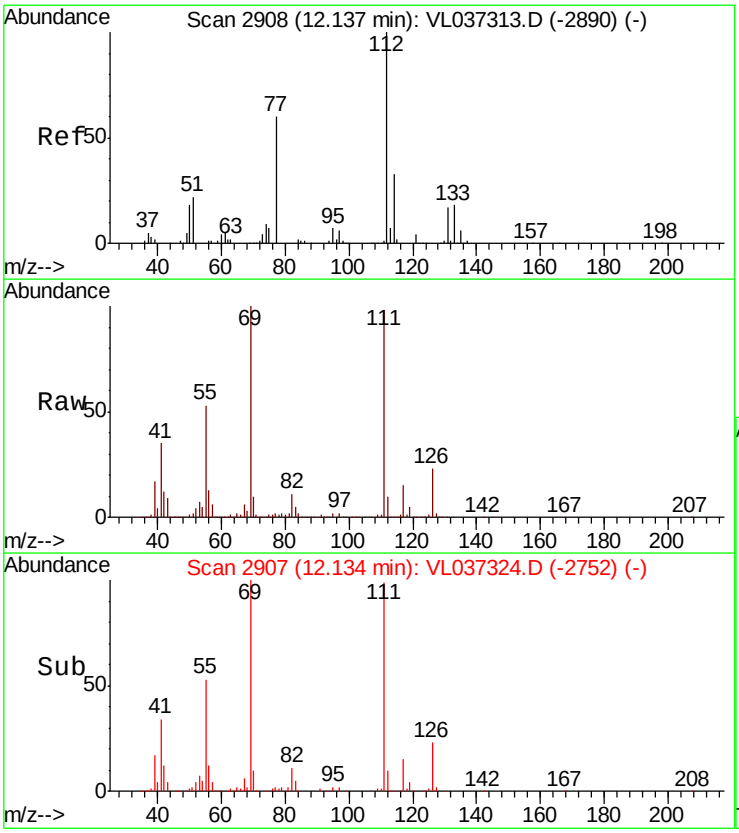
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3176651

Ion	Ratio	Lower	Upper
117	100		
82	60.1	50.3	75.5
119	35.8	48.2	72.2#

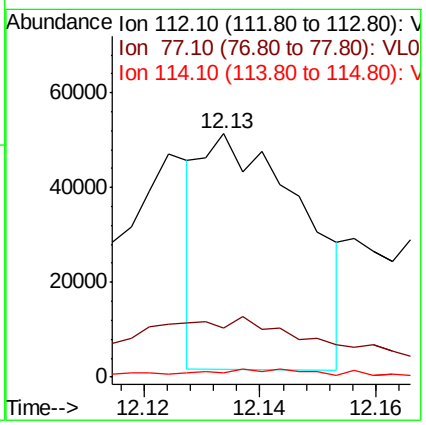


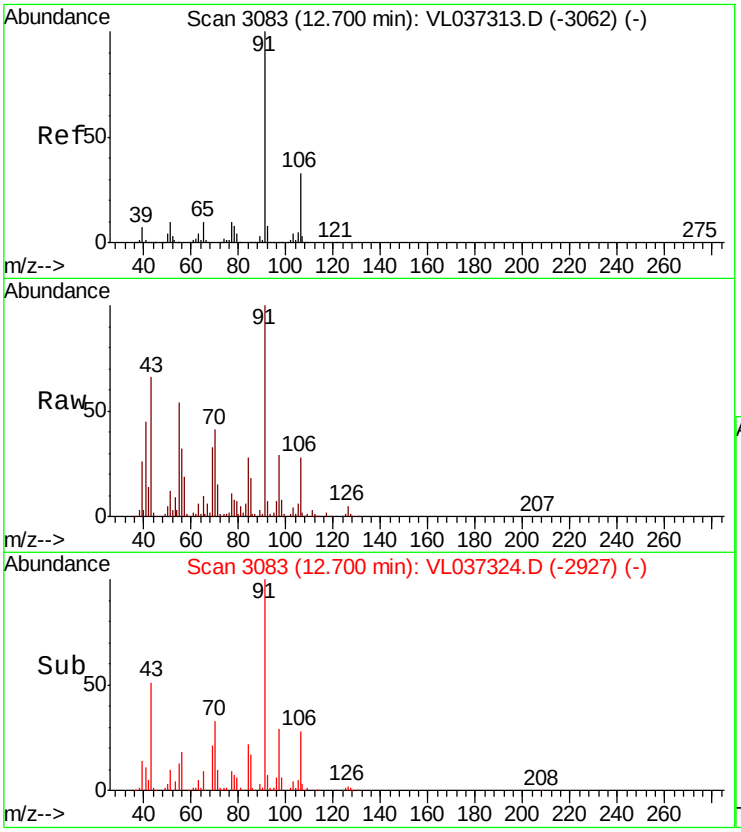


#57
Chlorobenzene
Concen: 0.226 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:112 Resp: 60550

Ion	Ratio	Lower	Upper
112	100		
77	15.0	47.8	71.6#
114	1.8	29.8	36.4#



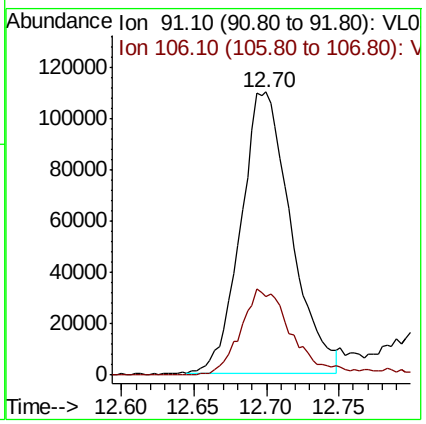


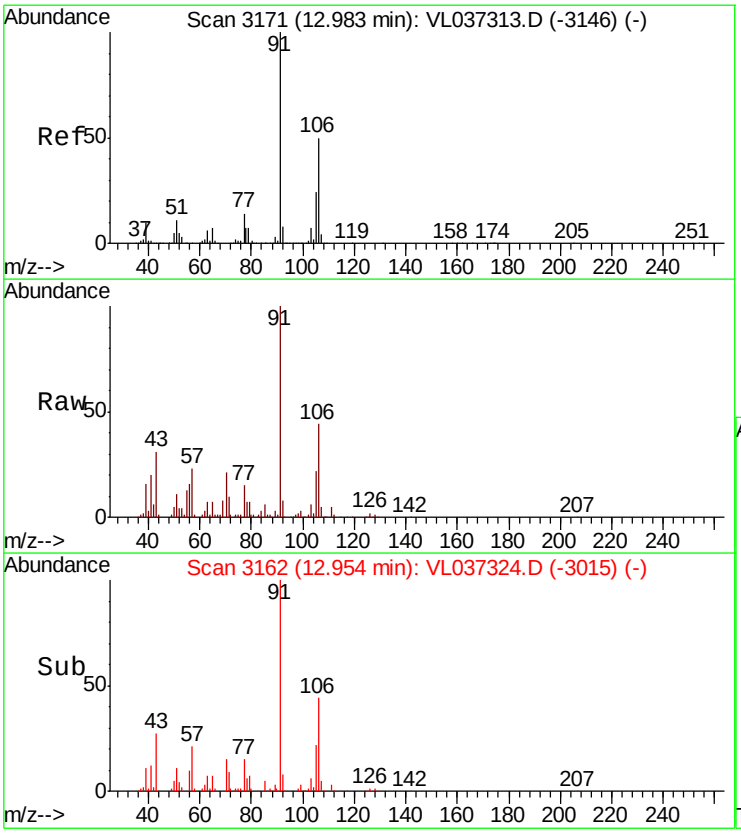
#58
Ethyl Benzene
Concen: 0.567 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 264546

Ion	Ratio	Lower	Upper
91	100		
106	28.0	26.2	39.2

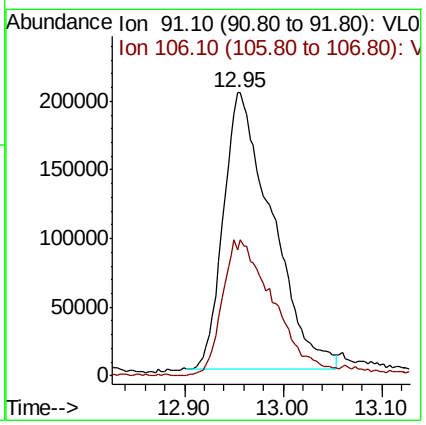


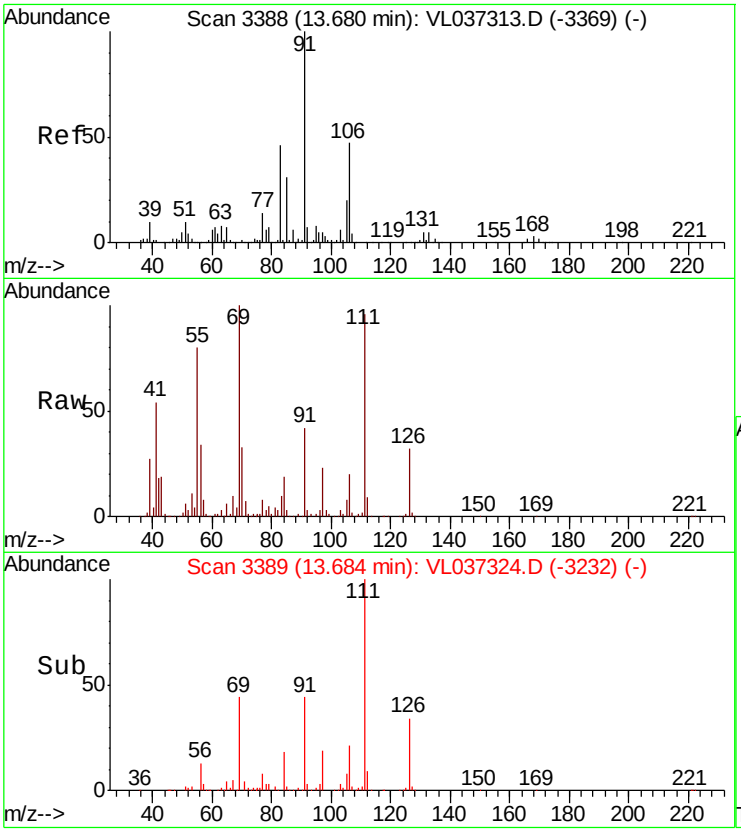


#59
m/p-Xylene
Concen: 1.767 ppbv
RT: 12.95 min Scan# 3162
Delta R.T. -0.03 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 91 Resp: 694550

Ion	Ratio	Lower	Upper
91	100		
106	55.1	37.8	56.8



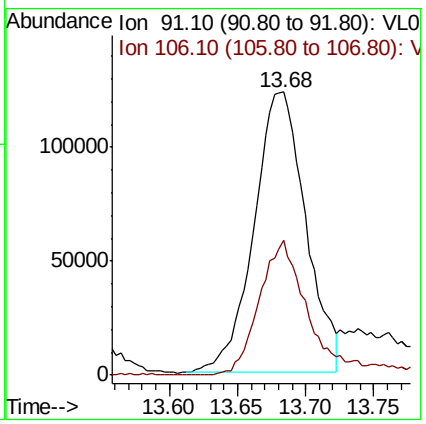


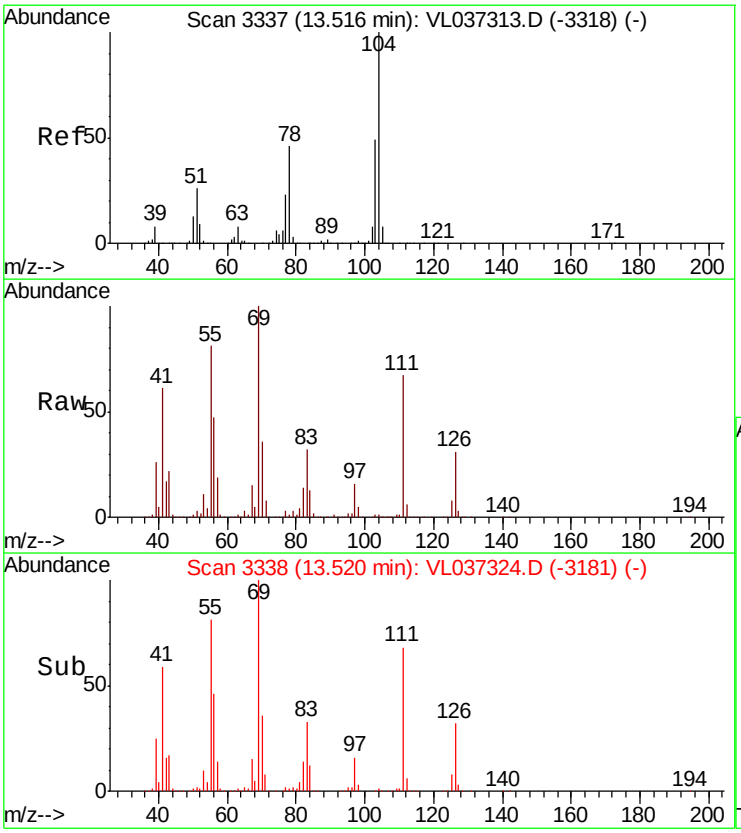
#60
o-Xylene
Concen: 0.911 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 325359

Ion	Ratio	Lower	Upper
91	100		
106	50.6	26.3	78.8

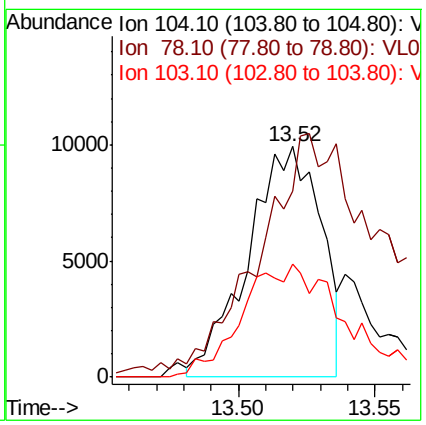


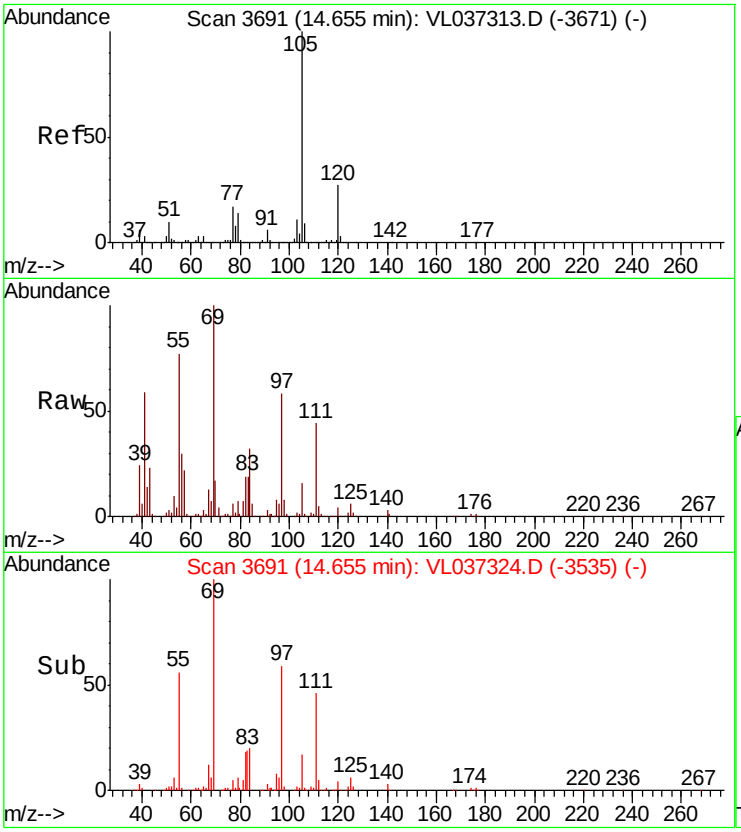


#61
Styrene
Concen: 0.094 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:104 Resp: 18435

Ion	Ratio	Lower	Upper
104	100		
78	196.9	39.3	58.9#
103	72.8	40.6	60.8#



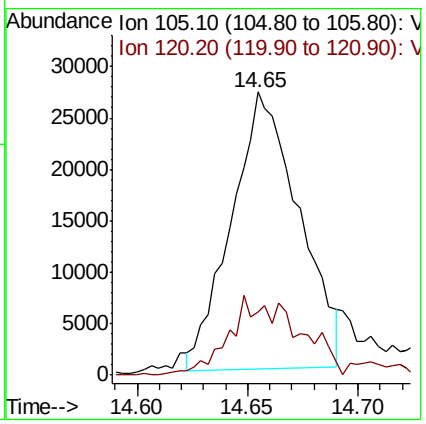


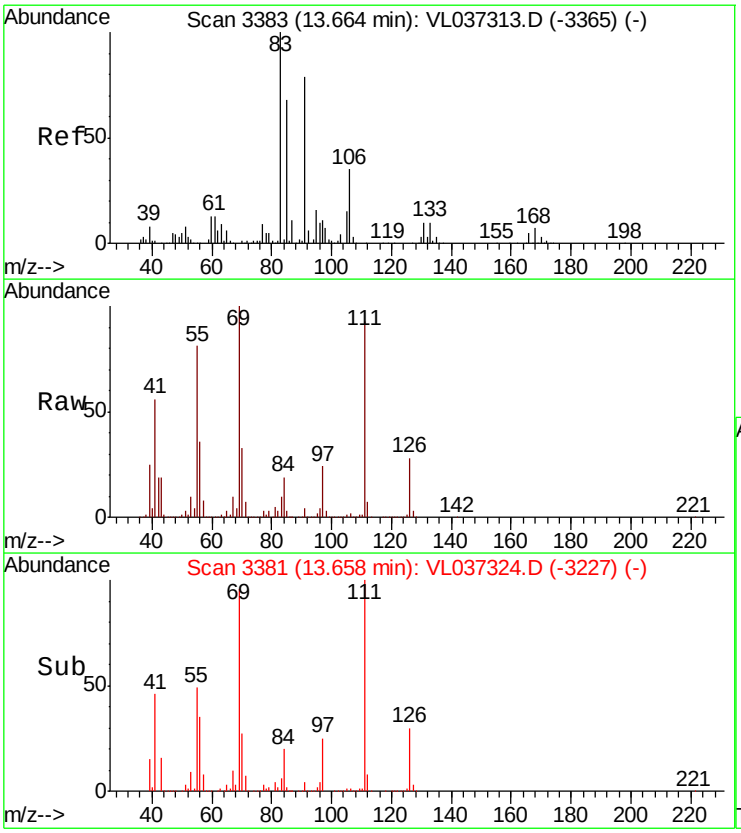
#62
Isopropylbenzene
Concen: 0.111 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 57410

Ion	Ratio	Lower	Upper
105	100		
120	33.1	23.0	34.6

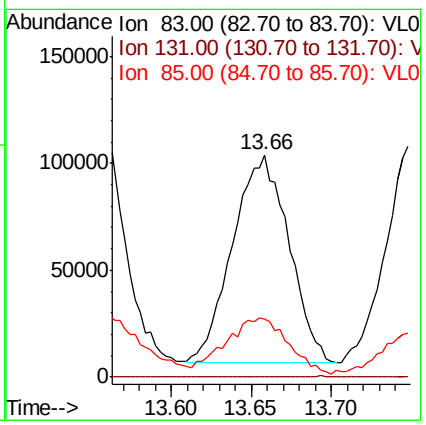


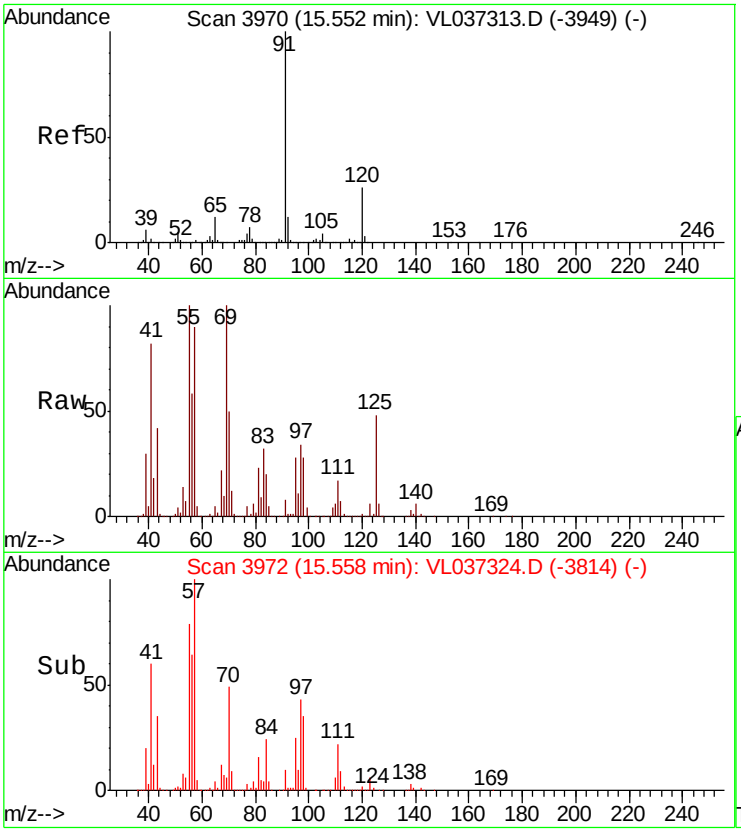


#63
1,1,2,2-Tetrachloroethane
Concen: 0.900 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 83 Resp: 233422

Ion	Ratio	Lower	Upper
83	100		
131	0.2	5.1	15.4#
85	29.8	33.5	100.4#



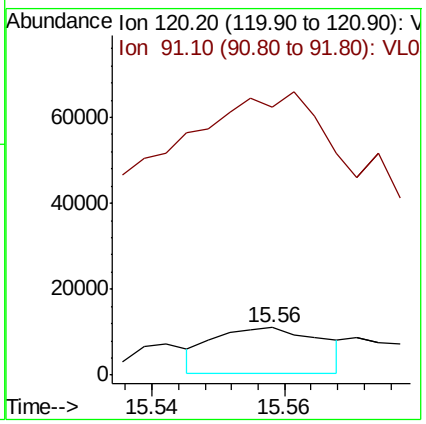


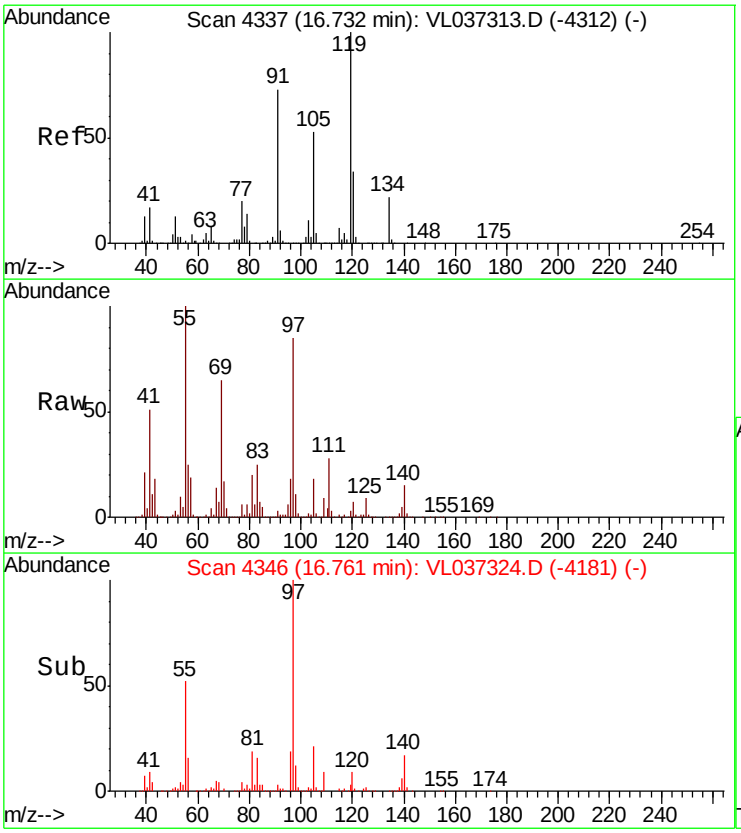
#64
n-propylbenzene
Concen: 0.090 ppbv
RT: 15.56 min Scan# 3972
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 12207

Ion	Ratio	Lower	Upper
120	100		
91	2660.9	361.0	541.4#

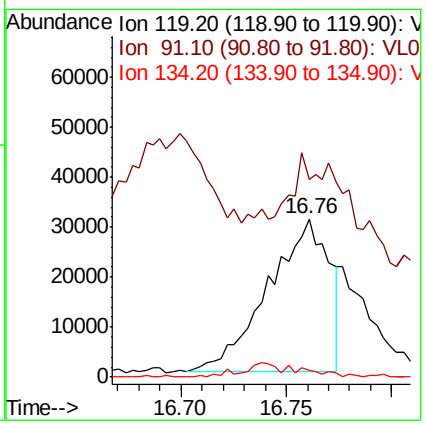


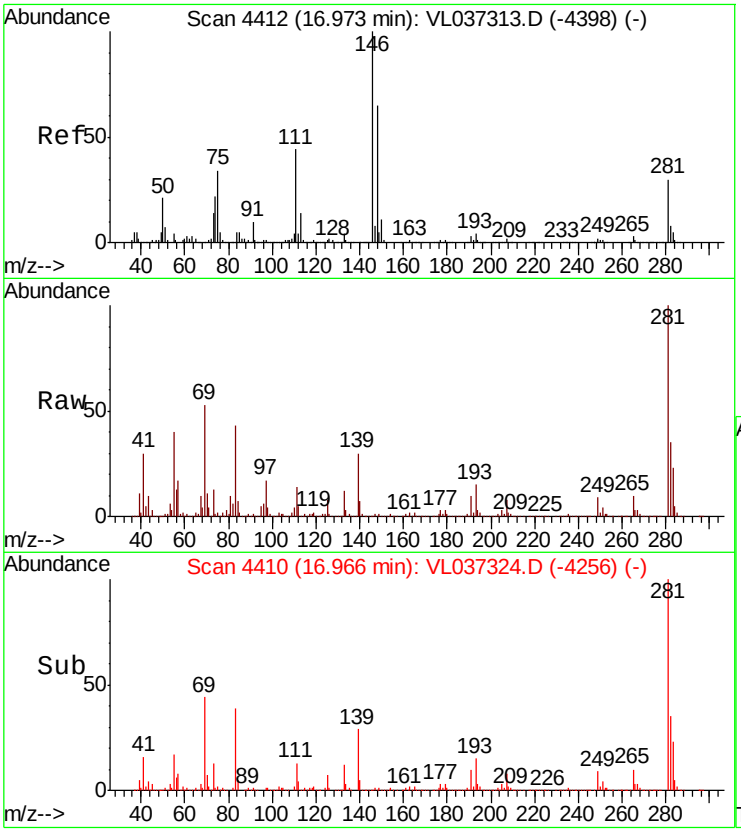


#65
tert-Butylbenzene
Concen: 0.128 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.03 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:119 Resp: 61047

Ion	Ratio	Lower	Upper
119	100		
91	156.4	58.6	88.0#
134	9.0	16.5	24.7#



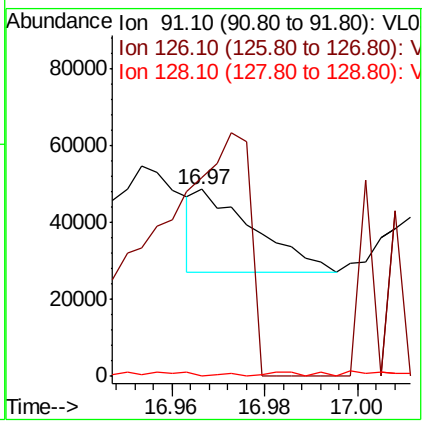


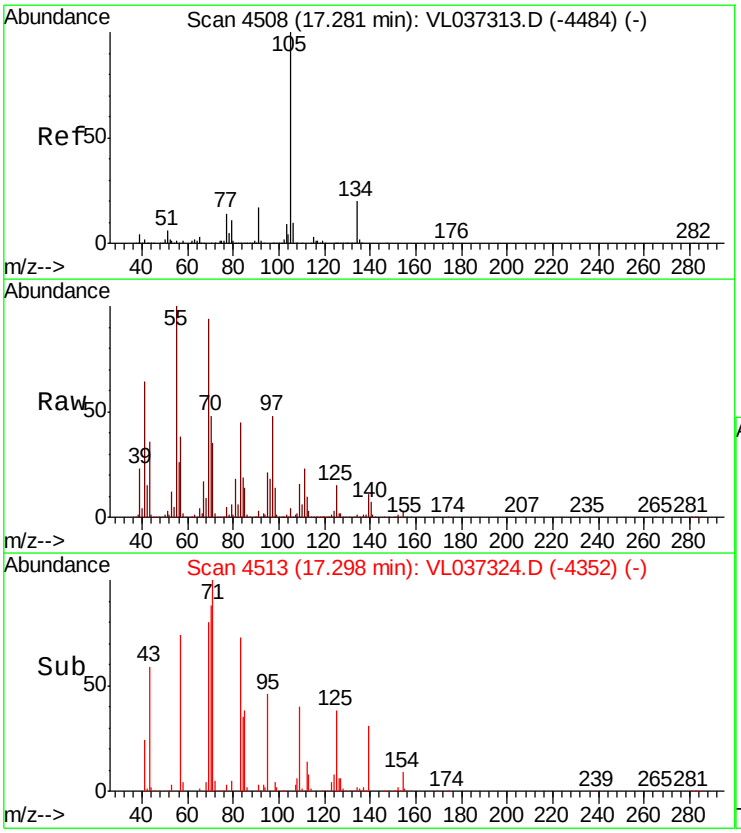
#66
Benzyl Chloride
Concen: 1.006 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 18711

Ion	Ratio	Lower	Upper
91	100		
126	603.0	17.8	26.6#
128	13.5	5.8	8.6#

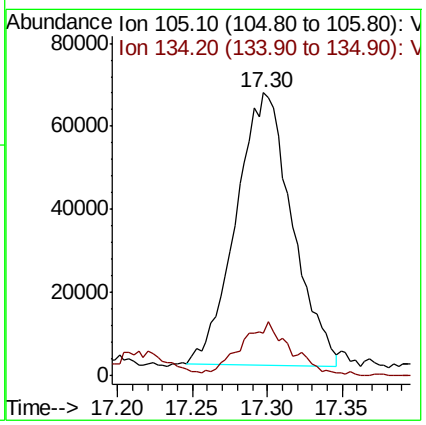


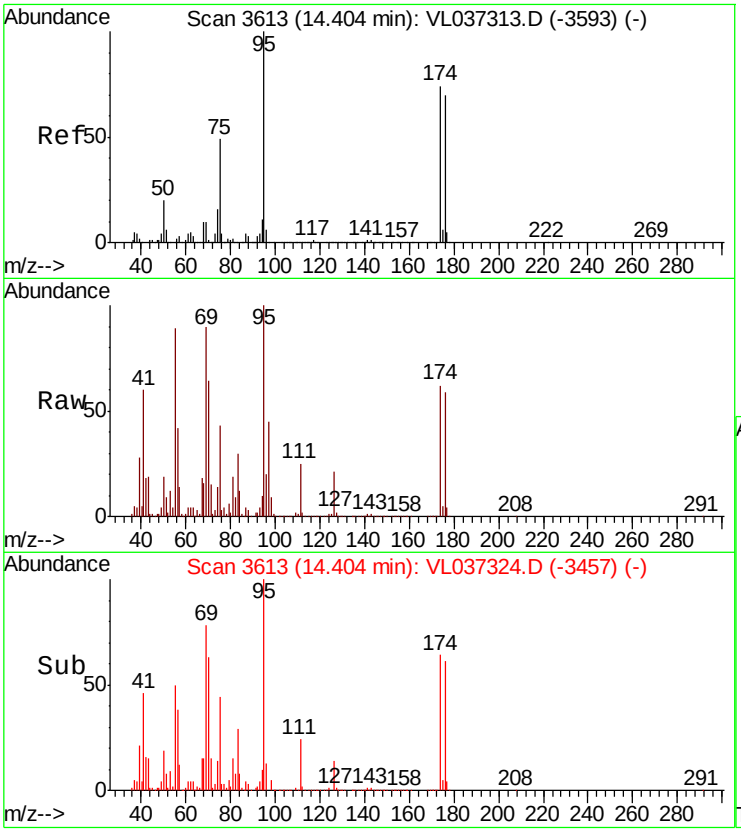


#67
sec-Butylbenzene
Concen: 0.265 ppbv
RT: 17.30 min Scan# 4513
Delta R.T. 0.02 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:105 Resp: 170908

Ion	Ratio	Lower	Upper
105	100		
134	18.5	15.4	23.2



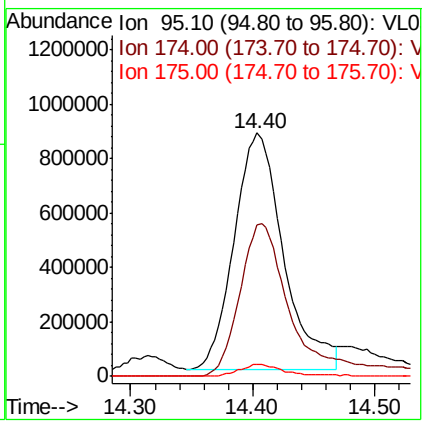


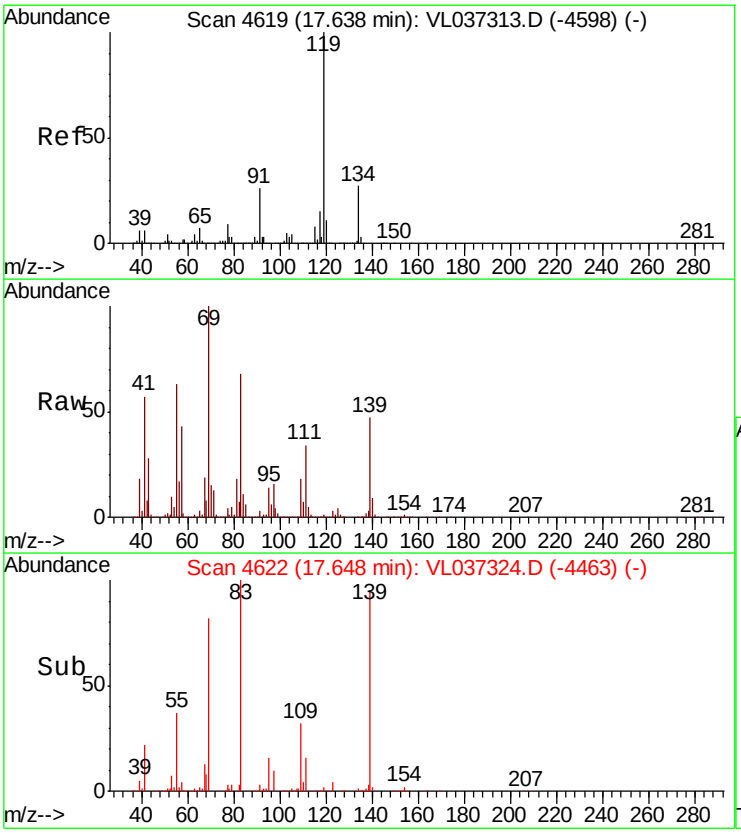
#68
1-Bromo-4-Fluorobenzene
Concen: 11.281 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2447976

Ion	Ratio	Lower	Upper
95	100		
174	70.8	66.9	100.3
175	5.3	5.1	7.7

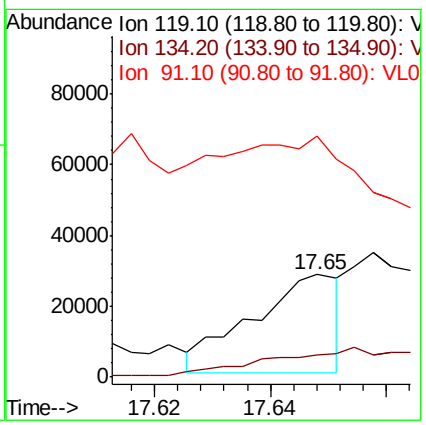


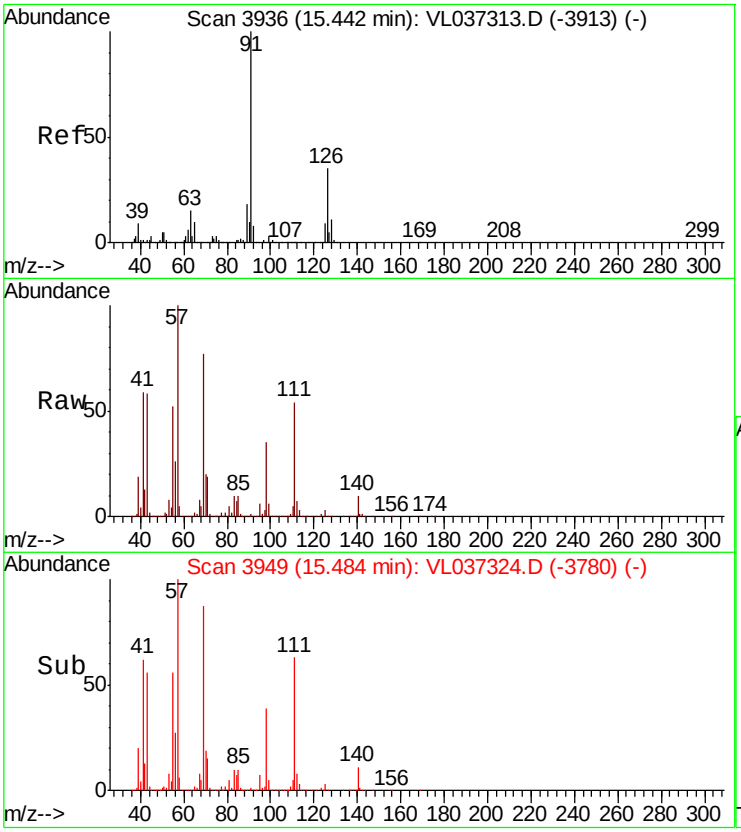


#69
p-Isopropyltoluene
Concen: 0.054 ppbv
RT: 17.65 min Scan# 4622
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:119 Resp: 29193

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.0	31.6#
91	0.0	20.5	30.7#



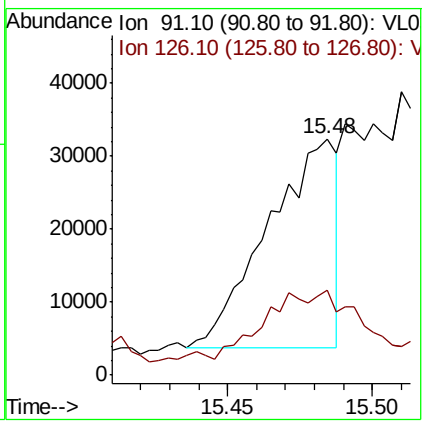


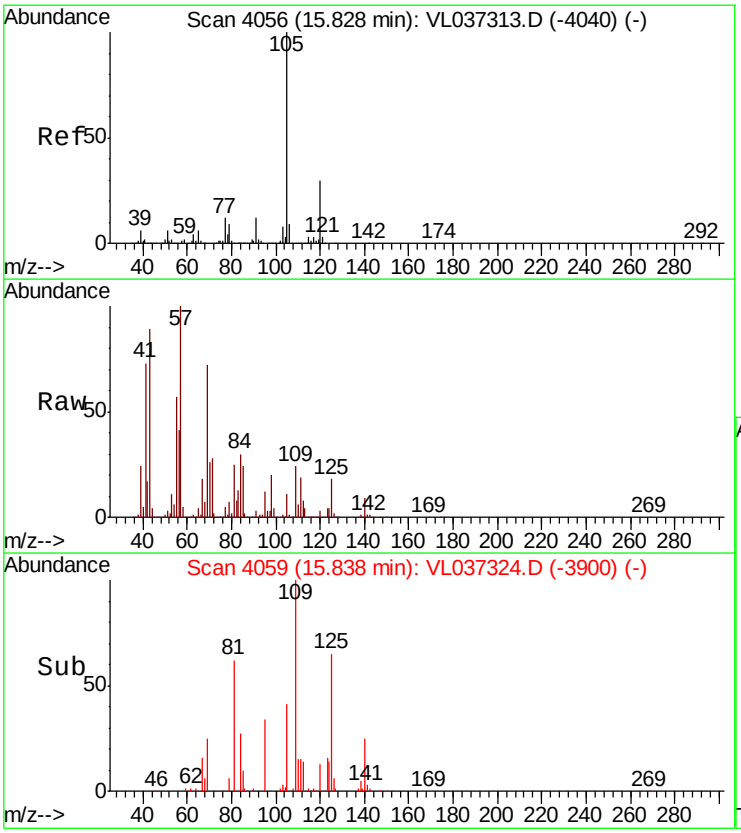
#71
2-Chlorotoluene
Concen: 0.131 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. 0.04 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 47512

Ion	Ratio	Lower	Upper
91	100		
126	52.2	14.3	57.1

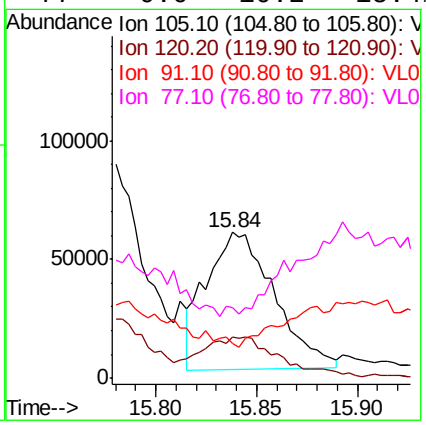


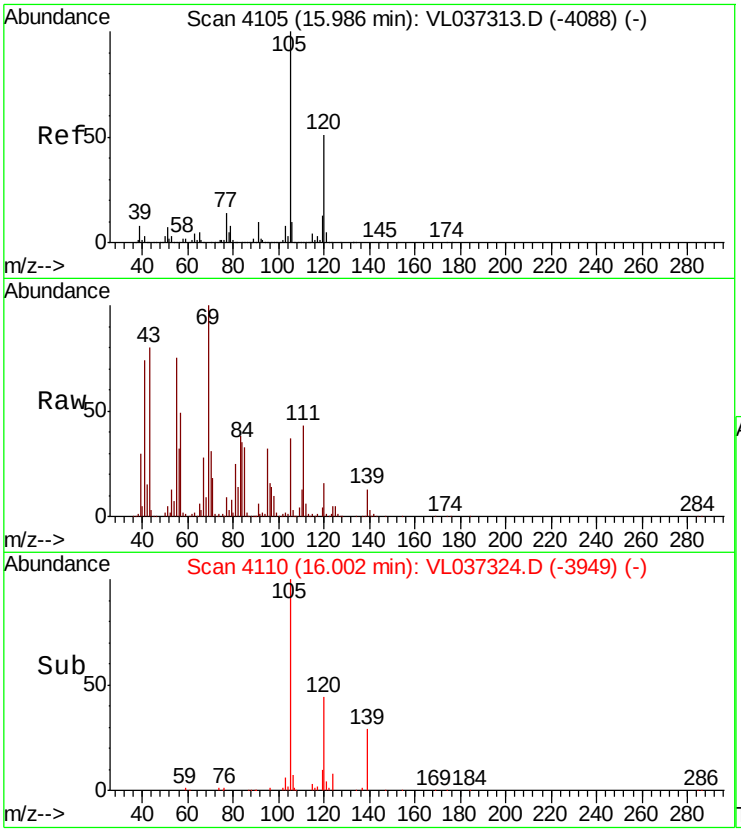


#72
4-Ethyltoluene
Concen: 0.317 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:105 Resp: 136783

Ion	Ratio	Lower	Upper
105	100		
120	33.7	25.6	38.4
91	0.0	9.4	14.2#
77	0.0	10.2	15.4#



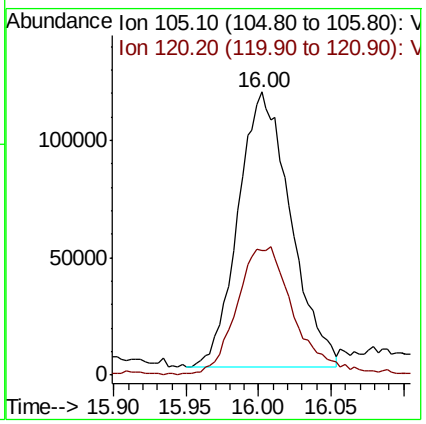


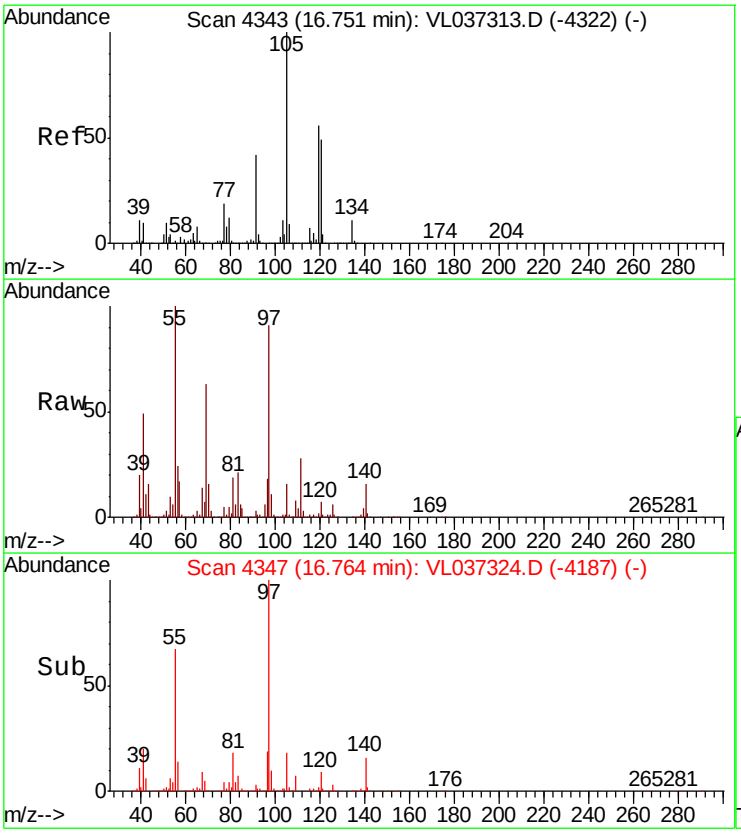
#73
1,3,5-Trimethylbenzene
Concen: 0.761 ppbv
RT: 16.00 min Scan# 4110
Delta R.T. 0.02 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 295122

Ion	Ratio	Lower	Upper
105	100		
120	44.6	40.4	60.6

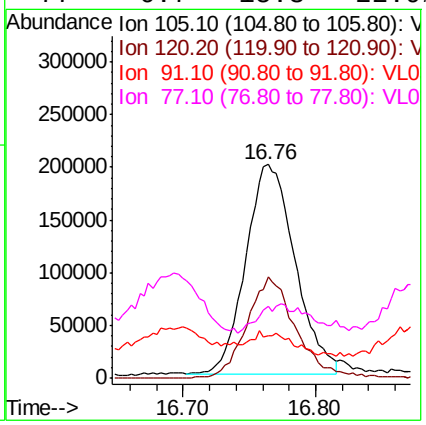


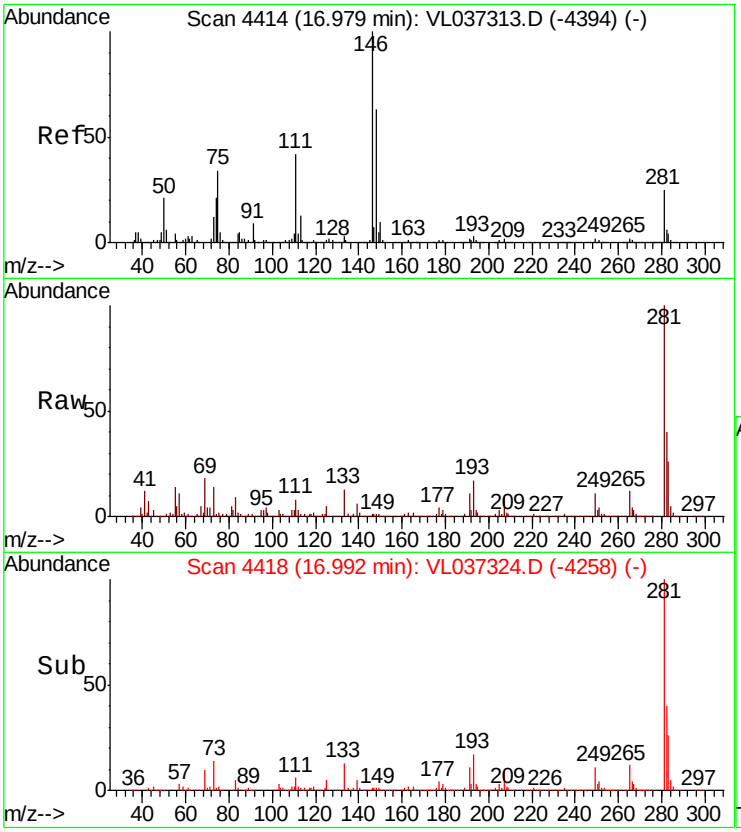


#74
1,2,4-Trimethylbenzene
Concen: 1.250 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:105 Resp: 517151

Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.6	59.4
91	9.7	34.5	51.7#
77	6.7	15.3	22.9#



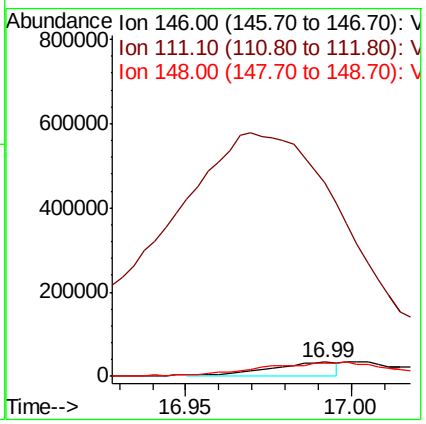


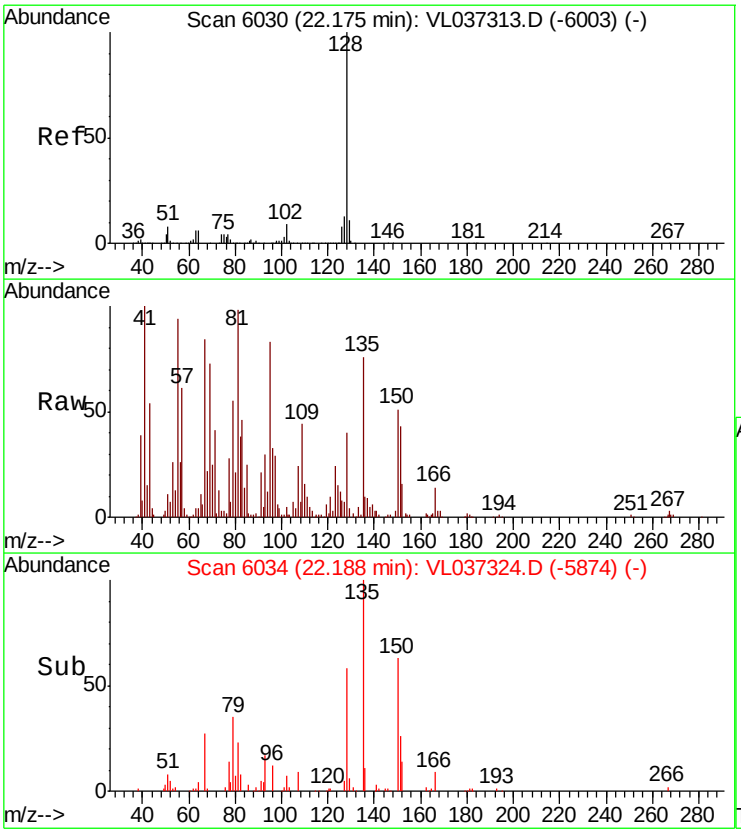
#75
1,3-Dichlorobenzene
Concen: 0.186 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 47249

Ion	Ratio	Lower	Upper
146	100		
111	3331.5	21.4	64.3#
148	0.0	32.6	97.7#

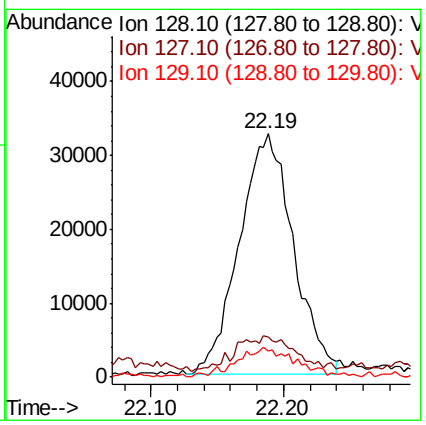


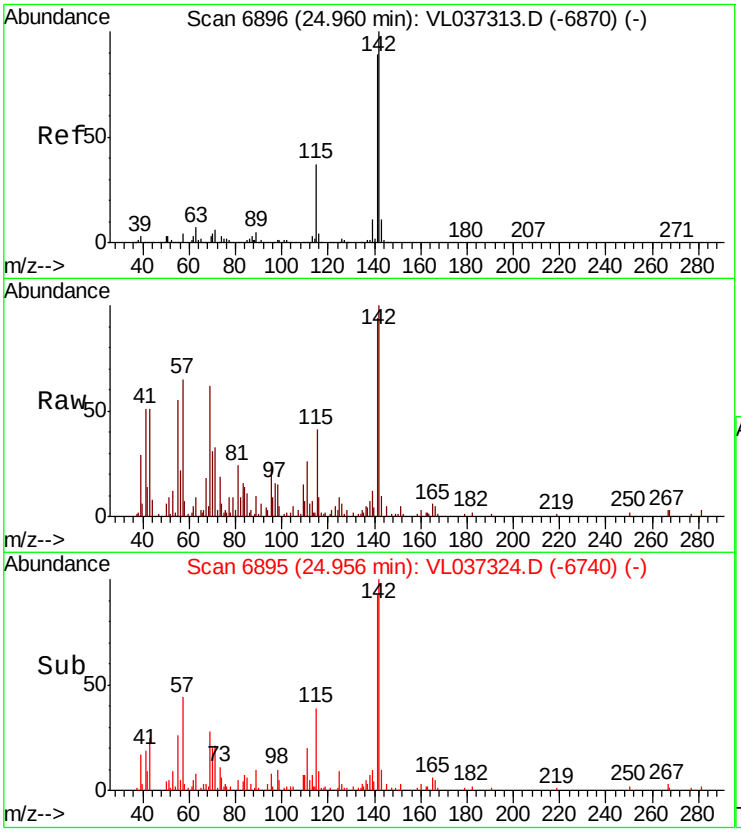


#79
Naphthalene
Concen: 0.242 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion:128 Resp: 91836

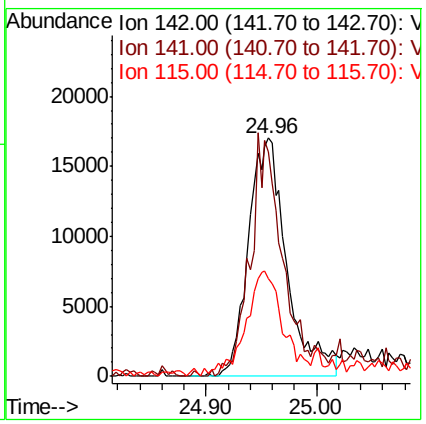
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.7	8.6	12.8





#80
Naphthalene,2-methyl-
Concen: 0.662 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 40832

Ion	Ratio	Lower	Upper
142	100		
141	91.7	67.2	100.8
115	48.6	27.9	41.9#