Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081720\
Data File : VL035432.D
Acq On : 18 Aug 2020 1:09
Operator : SY/AP
Sample : L3699-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : K-1

Quant Time: Aug 18 06:54:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1095449	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	4862742	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	4853540	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	3537889	10.41	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	47634	0.235	ppbv		100
3) Chlorodifluoromethane	2.99	51	152796	1.112	ppbv		98
4) Chloromethane	3.14	50	34008	0.475	ppbv		90
7) Chloroethane	3.56	64	1755	0.056	ppbv	#	78
9) Propene	3.02	41	541369	9.806	ppbv	#	73
10) Heptane	8.14	43	477161	3.296	ppbv	#	82
11) Trichlorofluoromethane	3.96	101	176406	0.554	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.50	101	17485	0.074	ppbv	#	81
13) Ethanol	3.65	45	9739194	481.498	ppbv		90
15) Acetone	3.85	43	6196809	49.148	ppbv	#	74
16) 1,3-Butadiene	3.31	39	127291	2.490	ppbv	#	30
17) tert-Butyl alcohol	4.34	59	124547	0.764	ppbv	#	71
19) Isopropyl Alcohol	4.01	45	219806	2.529	ppbv	#	1
20) Methylene Chloride	4.36	84	204702	2.012	ppbv	#	62
21) Allyl Chloride	4.36	41	16623	0.259	ppbv	#	54
23) Vinyl Acetate	5.07	43	89139	0.495	ppbv	#	1
25) Ethyl Acetate	5.70	43	266972	1.088	ppbv	#	81
26) Hexane	5.70	57	436254	3.151	ppbv	#	32
27) Carbon Disulfide	4.56	76	4673003	23.348	ppbv	#	86
29) Chloroform	5.77	83	4953872	17.807	ppbv		92
30) Cyclohexane	7.15	84	135733	0.884	ppbv	#	65
32) 1,1,1-Trichloroethane	6.53	97	85301	0.327	ppbv	#	92
34) 2-Butanone	5.26	43	1326067	8.162	ppbv	#	74
36) Benzene	6.91	78	341447	0.957	ppbv	#	89
37) 1,2-Dichloroethane	6.33	62	5168	0.032	ppbv	#	58
38) Trichloroethene	7.86	130	12839	0.065	ppbv	#	77
39) 1,2-Dichloropropane	7.20	63	847862	7.208	ppbv	#	23
40) 1,4-Dioxane	7.86	88	45001	0.702	ppbv	#	1
41) Tetrahydrofuran	6.05	42	40899	0.456	ppbv	#	62
42) Bromodichloromethane	7.82	83	21667	0.079	ppbv	#	56
44) 2,2,4-Trimethylpentane	7.89	57	489016	1.049	ppbv	#	88
50) 4-Methyl-2-Pentanone	8.78	43	142600	0.612	ppbv	#	83
51) 2-Hexanone	10.13	43	54778	0.279	ppbv	#	84
52) Tetrachloroethene	11.25	164	331863	1.524	ppbv	#	82
53) Toluene	9.83	91	2762196	6.009	ppbv		100
58) Ethyl Benzene	12.74	91	1664806	2.841	ppbv		92
59) m/p-Xylene	13.00	91	4539331	9.165	ppbv	#	81
60) o-Xylene	13.72	91	2225124	4.623	ppbv		88
61) Styrene	13.56	104	34413	0.088	ppbv		91
62) Isopropylbenzene	14.70	105	381187	0.483	ppbv		95
64) n-propylbenzene	15.60	120	696093	2.863	ppbv	#	63

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081720\
Data File : VL035432.D
Acq On : 18 Aug 2020 1:09
Operator : SY/AP
Sample : L3699-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : K-1

Quant Time: Aug 18 06:54:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	16.80	119	1526015	1.991	ppbv	#	90
66) Benzyl Chloride	17.24	91	165534	0.898	ppbv	#	68
67) sec-Butylbenzene	17.33	105	282134	0.280	ppbv		94
69) p-Isopropyltoluene	17.69	119	303278	0.339	ppbv	#	83
70) n-Butylbenzene	18.59	91	965782	1.142	ppbv	#	49
71) 2-Chlorotoluene	15.59	91	2663756	4.653	ppbv	#	46
72) 4-Ethyltoluene	15.88	105	3626962	5.741	ppbv	#	91
73) 1,3,5-Trimethylbenzene	16.03	105	3374690	5.741	ppbv	#	85
74) 1,2,4-Trimethylbenzene	16.80	105	9945441	15.572	ppbv	#	68
76) 1,4-Dichlorobenzene	17.17	146	28367	0.058	ppbv	#	10
77) 1,2-Dichlorobenzene	17.85	146	23195	0.048	ppbv		91
79) Naphthalene	22.25	128	1835243	2.041	ppbv		98
80) Naphthalene,2-methyl-	25.00	142	430546	1.158	ppbv		99

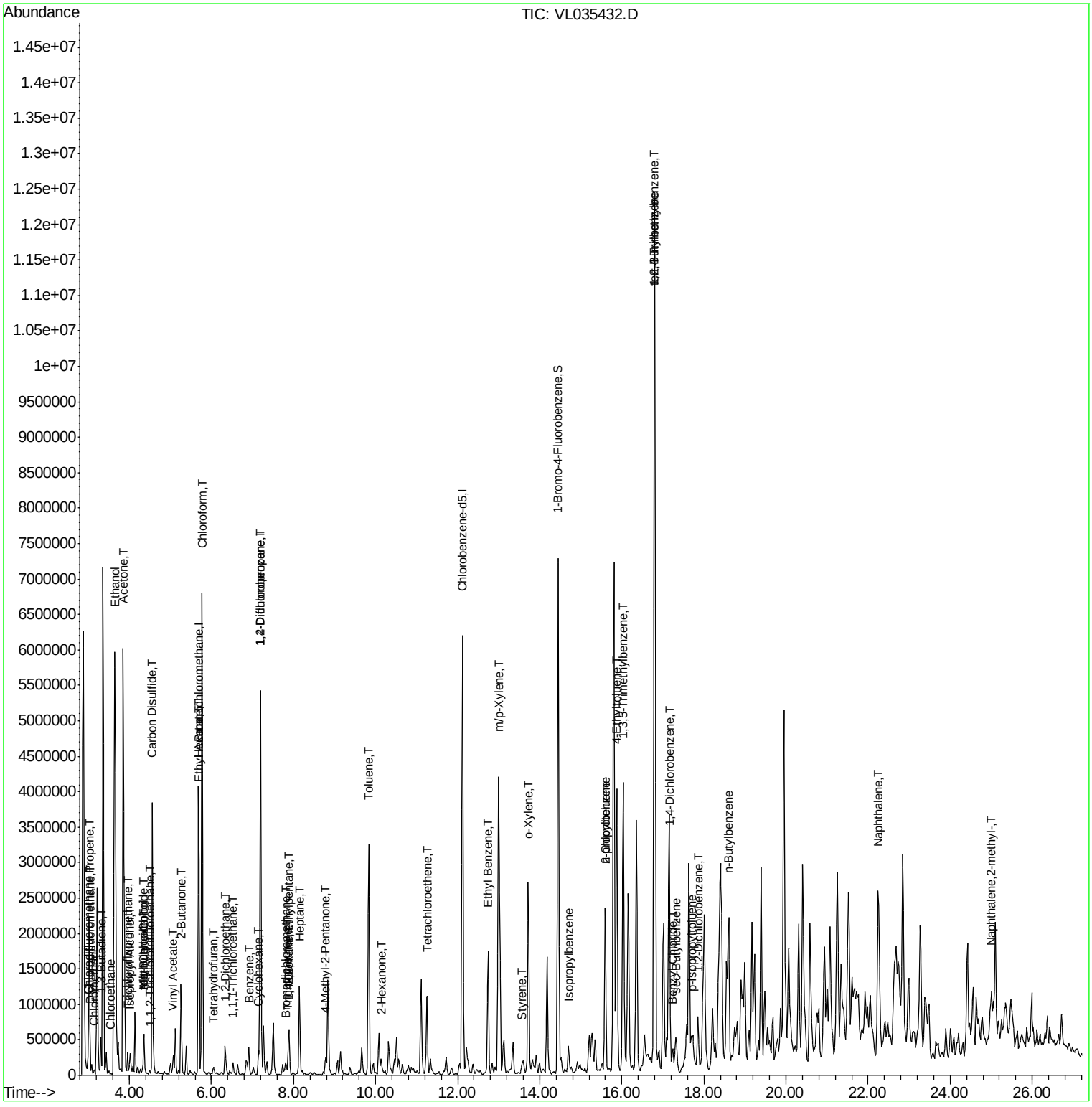
(#) = qualifier out of range (m) = manual integration (+) = signals summed

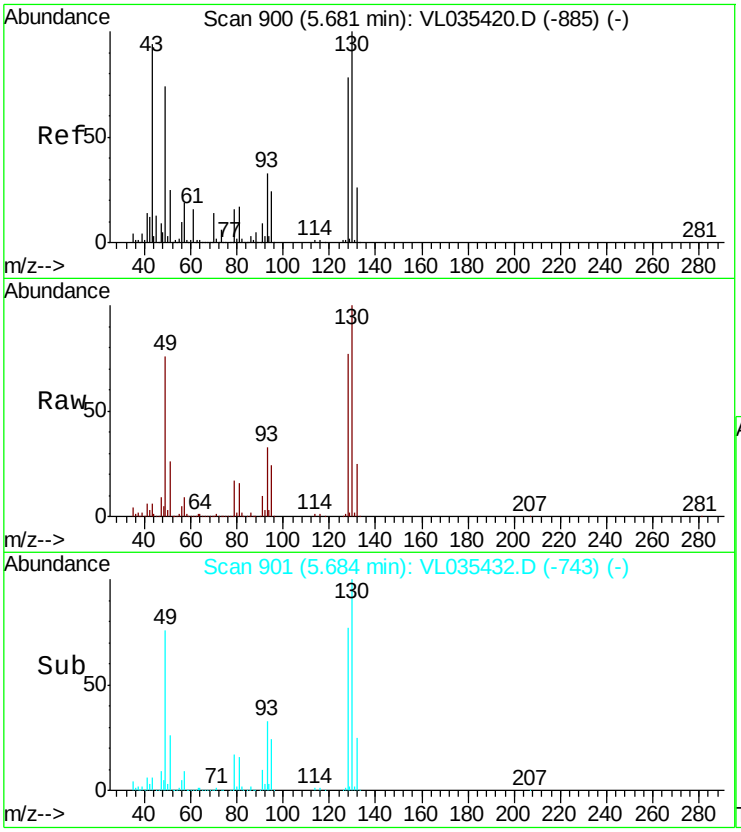
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081720\
Data File : VL035432.D
Acq On : 18 Aug 2020 1:09
Operator : SY/AP
Sample : L3699-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : K-1

Quant Time: Aug 18 06:54:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration



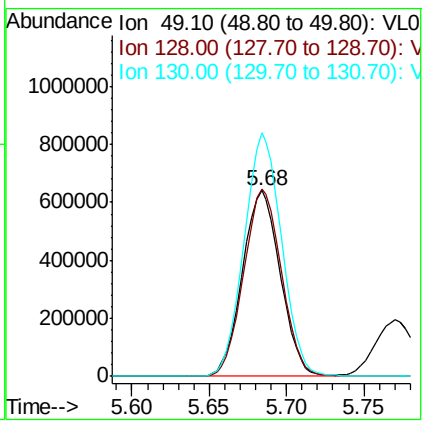


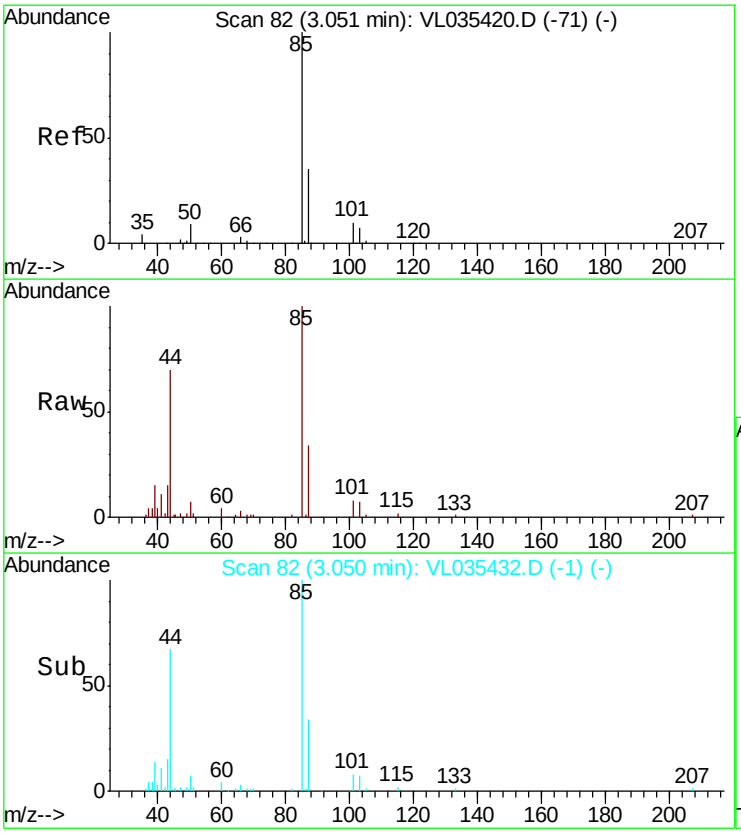
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument :
MSVOA_L
ClientSampleId :
K-1

Tgt Ion: 49 Resp: 1095449

Ion	Ratio	Lower	Upper
49	100		
128	100.9	20.9	62.7#
130	130.1	26.7	80.1#

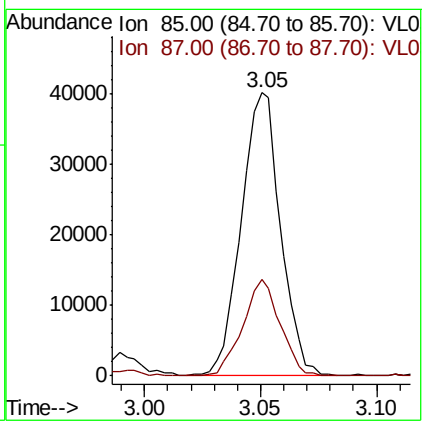


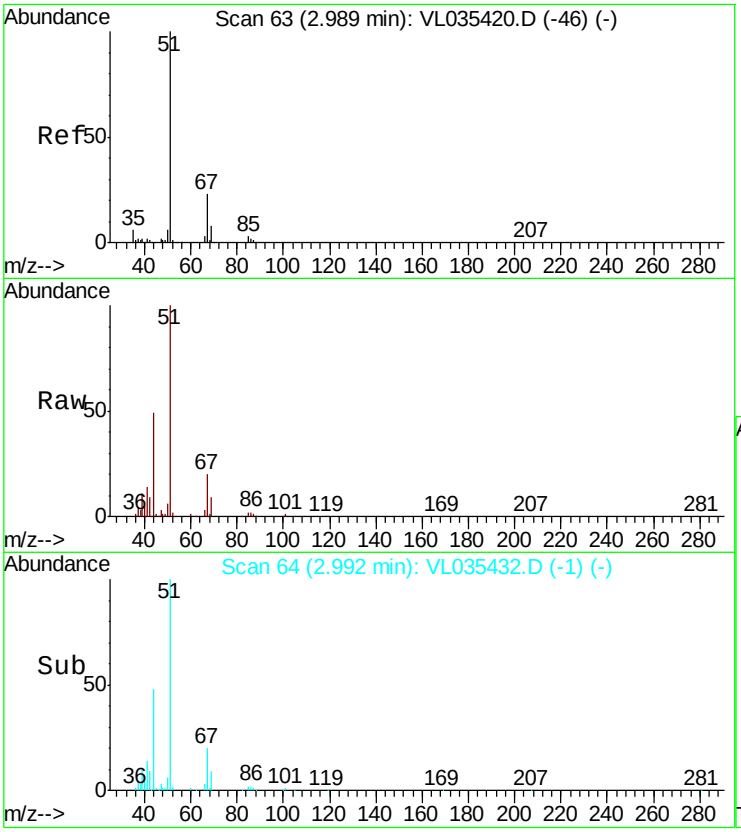


#2
Dichlorodifluoromethane
Concen: 0.235 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 85 Resp: 47634

Ion	Ratio	Lower	Upper
85	100		
87	33.9	27.1	40.7



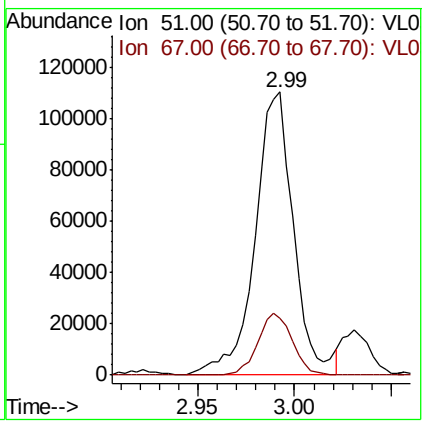


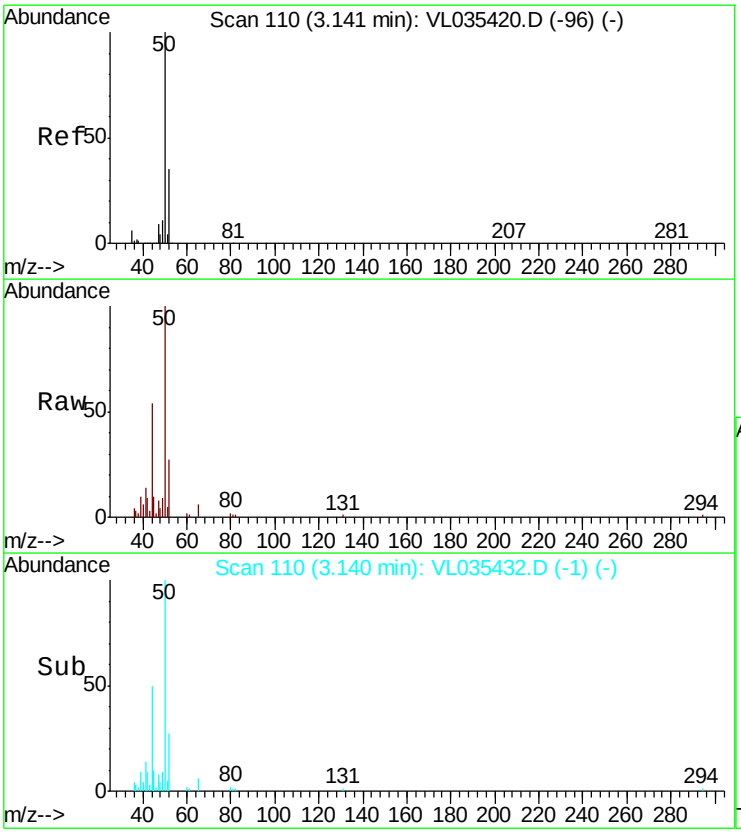
#3
Chlorodifluoromethane
Concen: 1.112 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument :
MSVOA_L
ClientSampleId :
K-1

Tgt Ion: 51 Resp: 152796

Ion	Ratio	Lower	Upper
51	100		
67	19.6	15.0	22.6

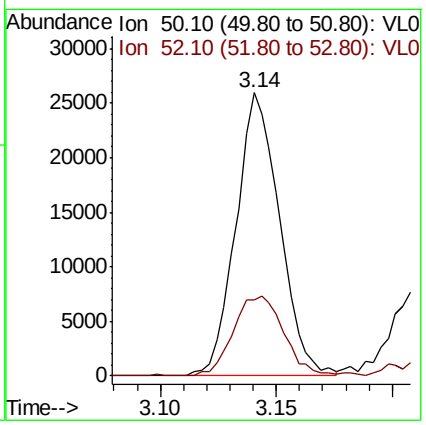


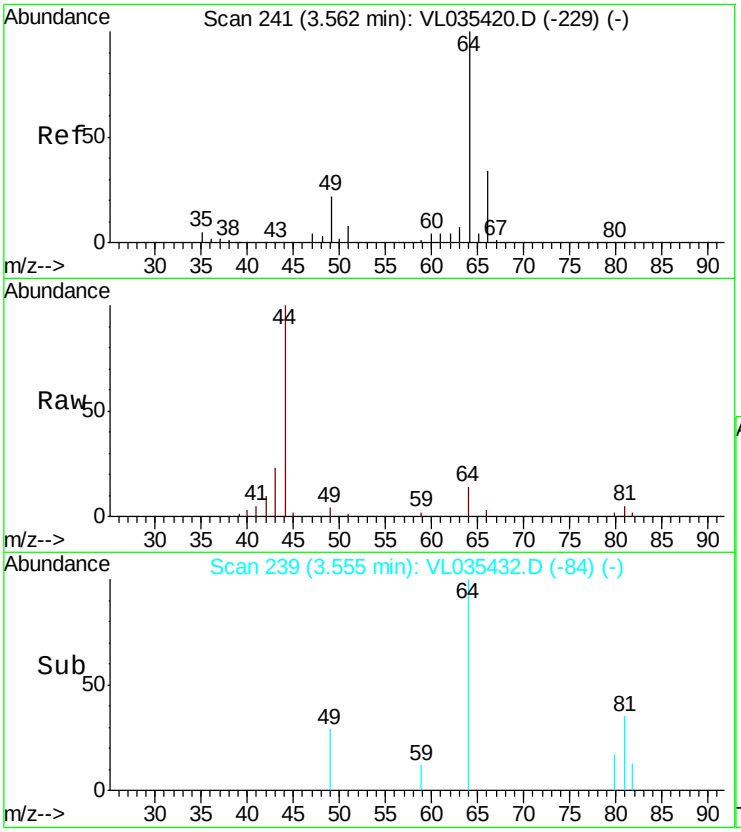


#4
Chloromethane
Concen: 0.475 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 50 Resp: 34008

Ion	Ratio	Lower	Upper
50	100		
52	27.0	25.9	38.9



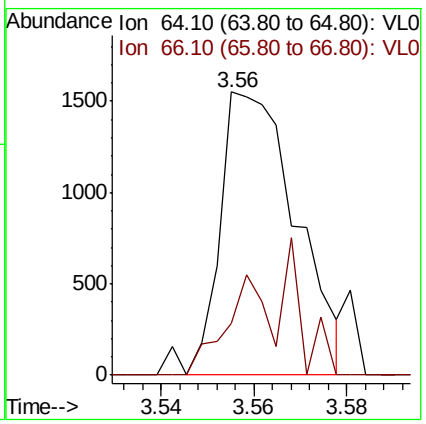


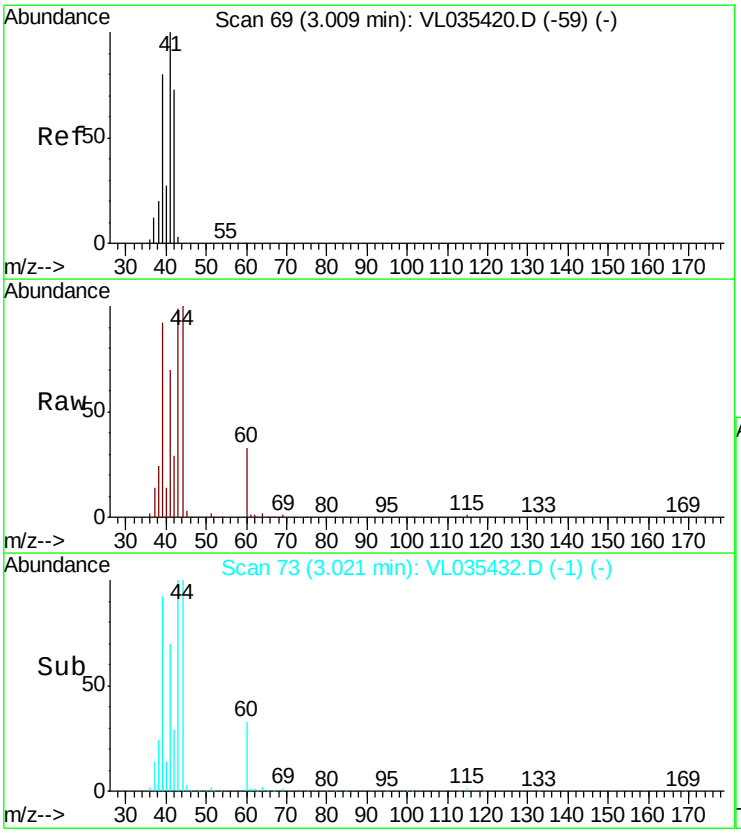
#7
Chloroethane
Concen: 0.056 ppbv
RT: 3.56 min Scan# 239
Delta R.T. -0.00 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 64 Resp: 1755

Ion	Ratio	Lower	Upper
64	100		
66	18.3	24.5	36.7#

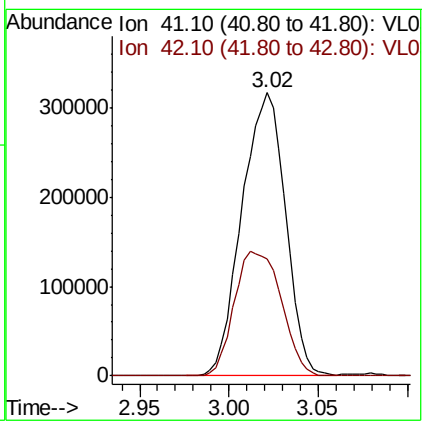


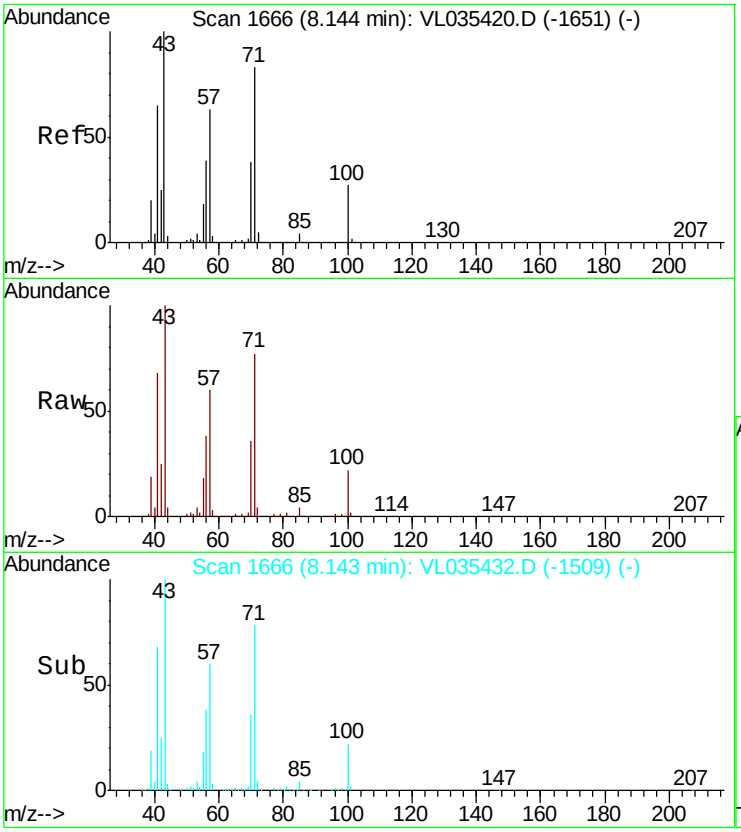


#9
Propene
Concen: 9.806 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 41 Resp: 541369

Ion	Ratio	Lower	Upper
41	100		
42	47.7	55.5	83.3#



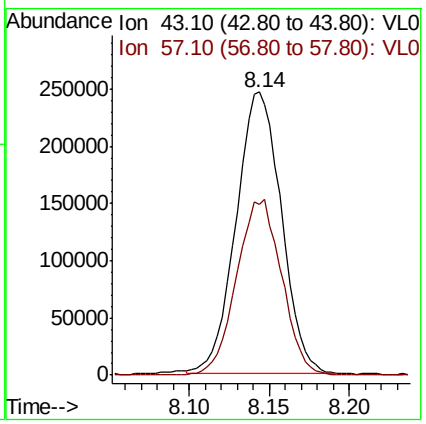


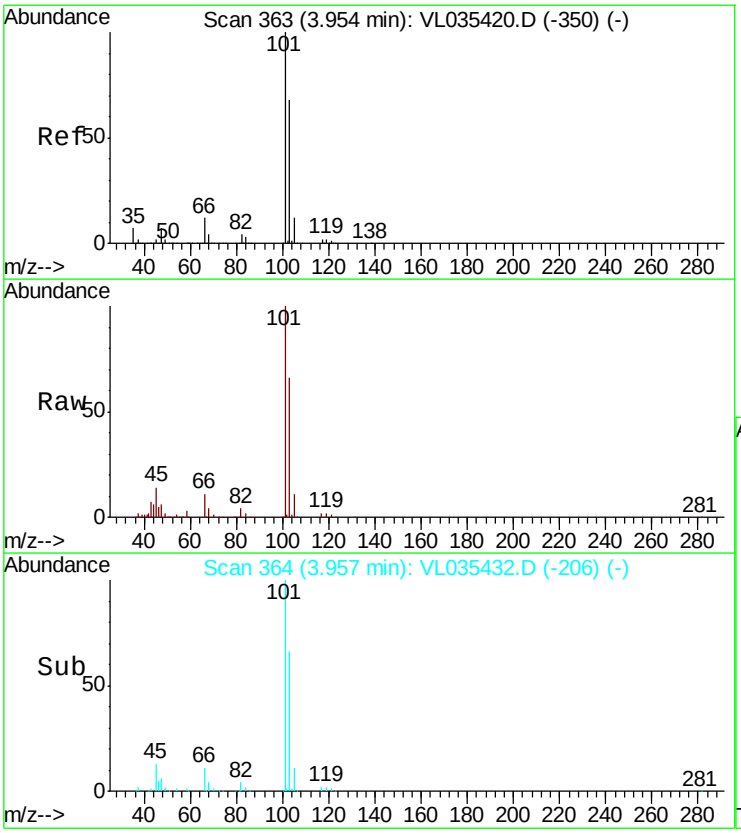
#10
Heptane
Concen: 3.296 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 43 Resp: 477161

Ion	Ratio	Lower	Upper
43	100		
57	61.8	39.8	59.6#

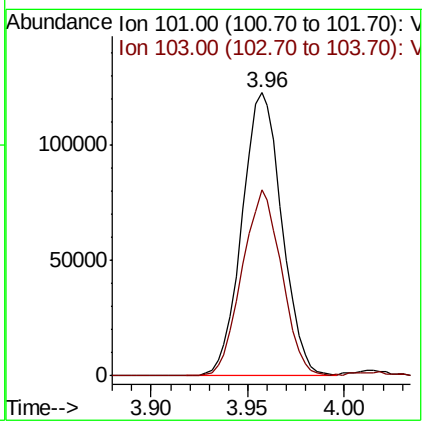


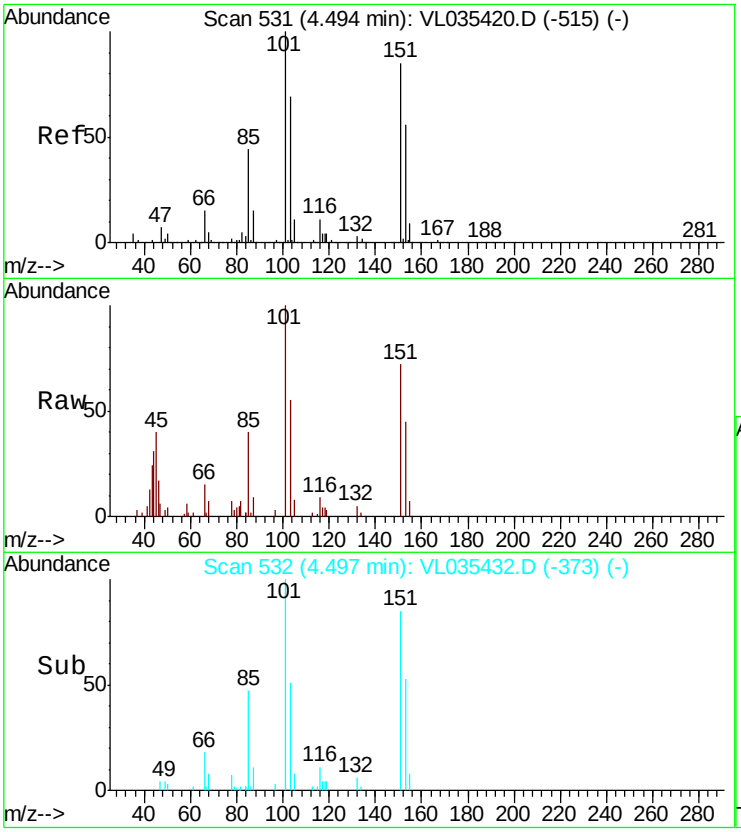


#11
Trichlorofluoromethane
Concen: 0.554 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:101 Resp: 176406

Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.6	78.8



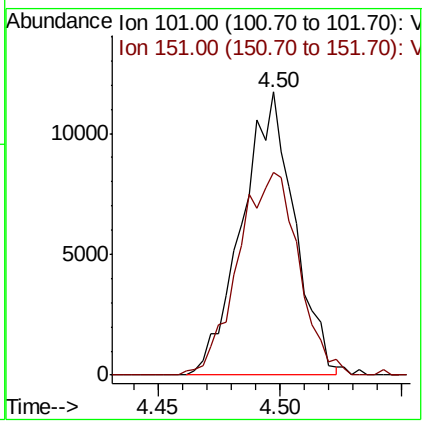


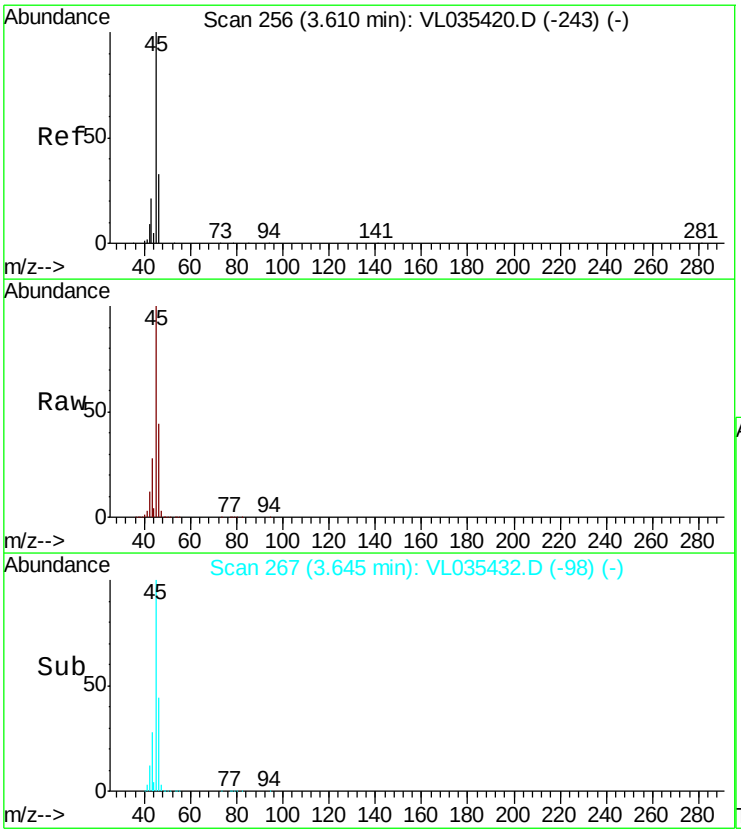
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.074 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument :
MSVOA_L
ClientSampleId :
K-1

Tgt Ion:101 Resp: 17485

Ion	Ratio	Lower	Upper
101	100		
151	82.6	53.6	80.4#

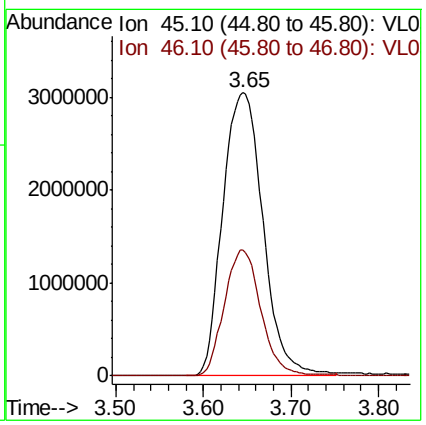


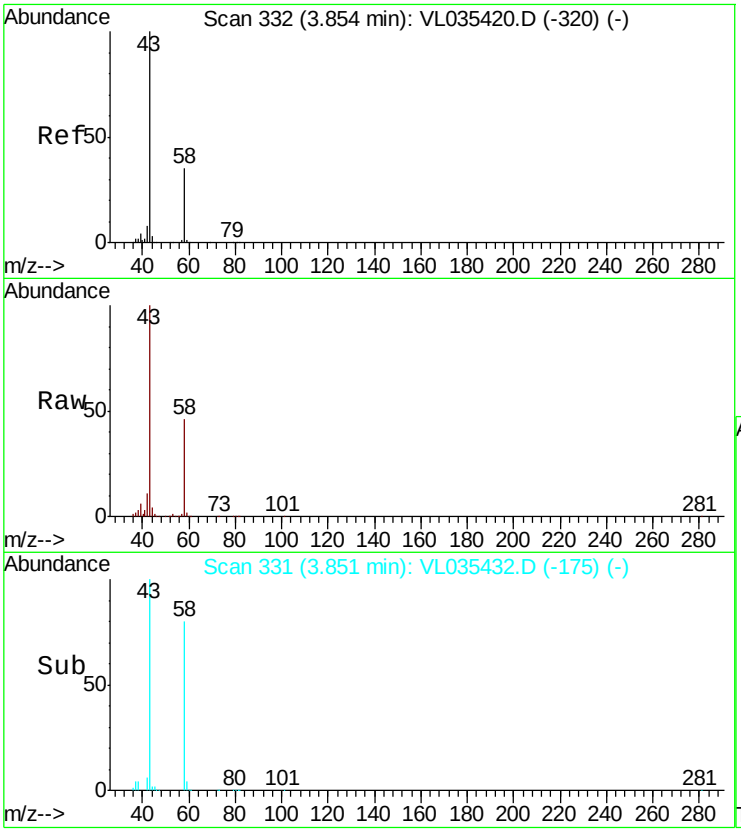


#13
Ethanol
Concen: 481.498 ppbv
RT: 3.65 min Scan# 267
Delta R.T. 0.04 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 45 Resp: 9739194

Ion	Ratio	Lower	Upper
45	100		
46	41.1	14.2	56.6



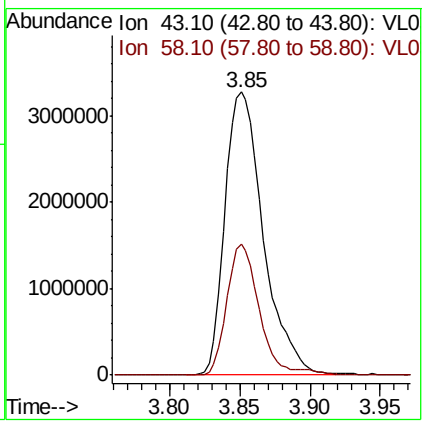


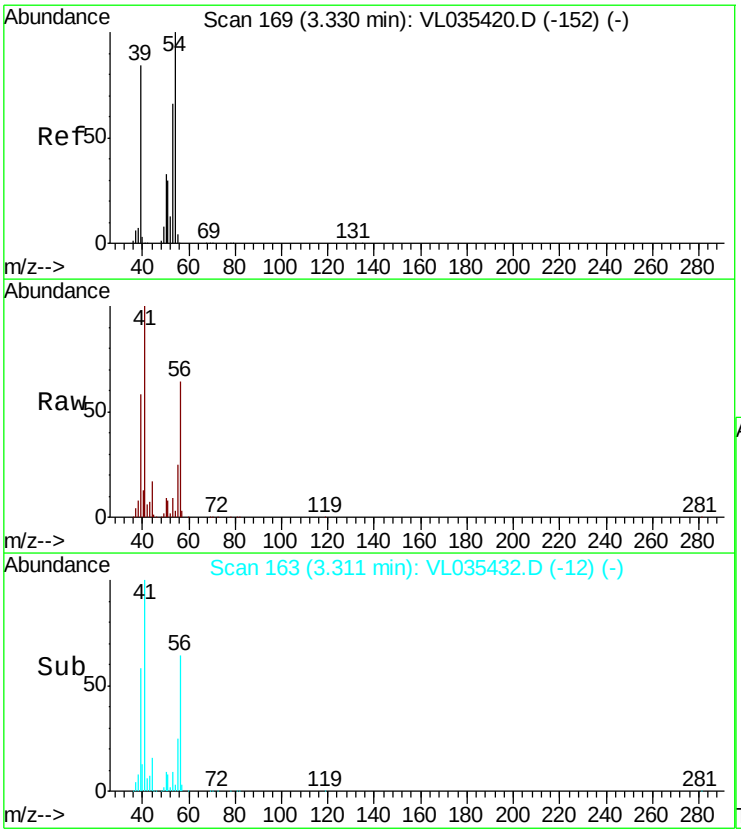
#15
Acetone
Concen: 49.148 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 43 Resp: 6196809

Ion	Ratio	Lower	Upper
43	100		
58	39.7	21.0	31.6#

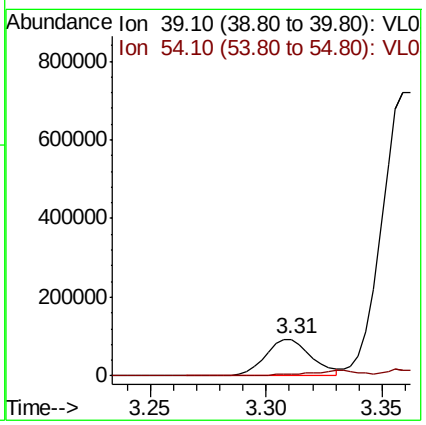


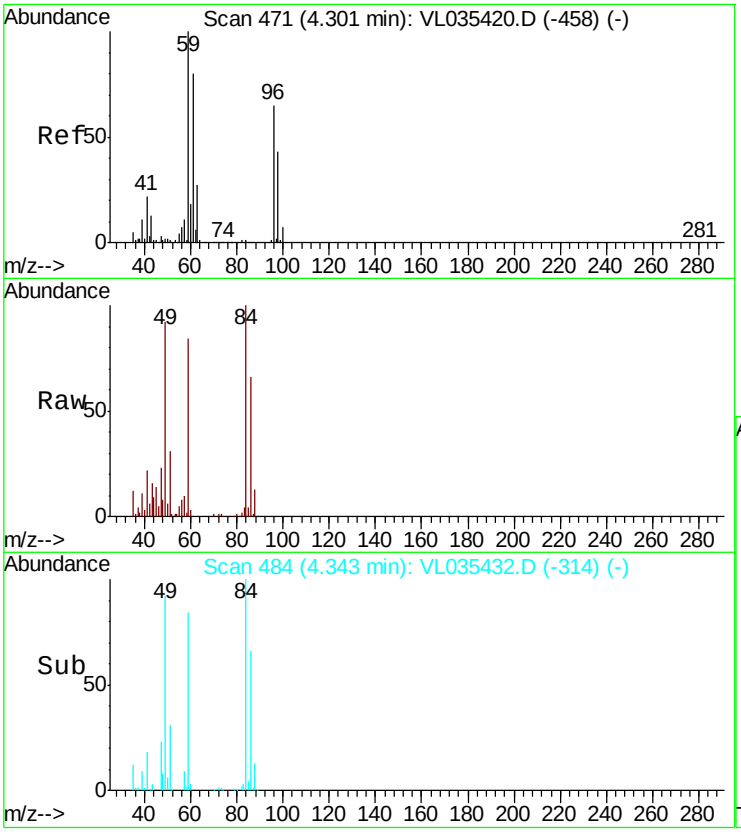


#16
1,3-Butadiene
Concen: 2.490 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 39 Resp: 127291

Ion	Ratio	Lower	Upper
39	100		
54	18.8	64.4	96.6#



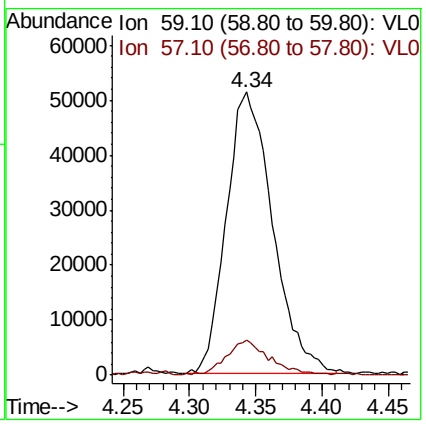


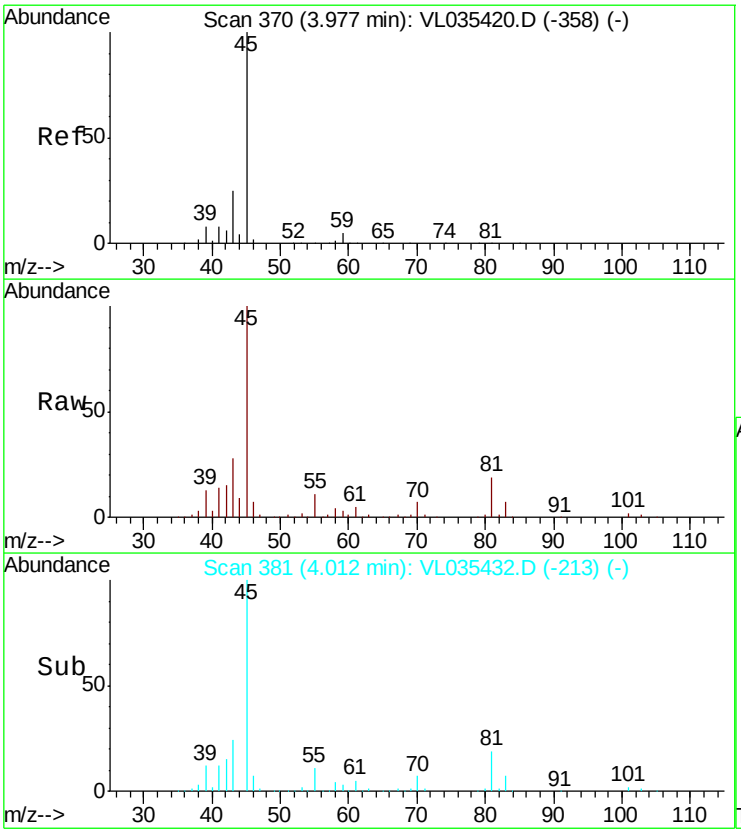
#17
tert-Butyl alcohol
Concen: 0.764 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.05 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 59 Resp: 124547

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#

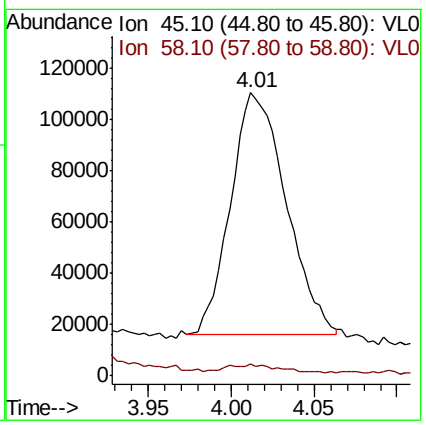


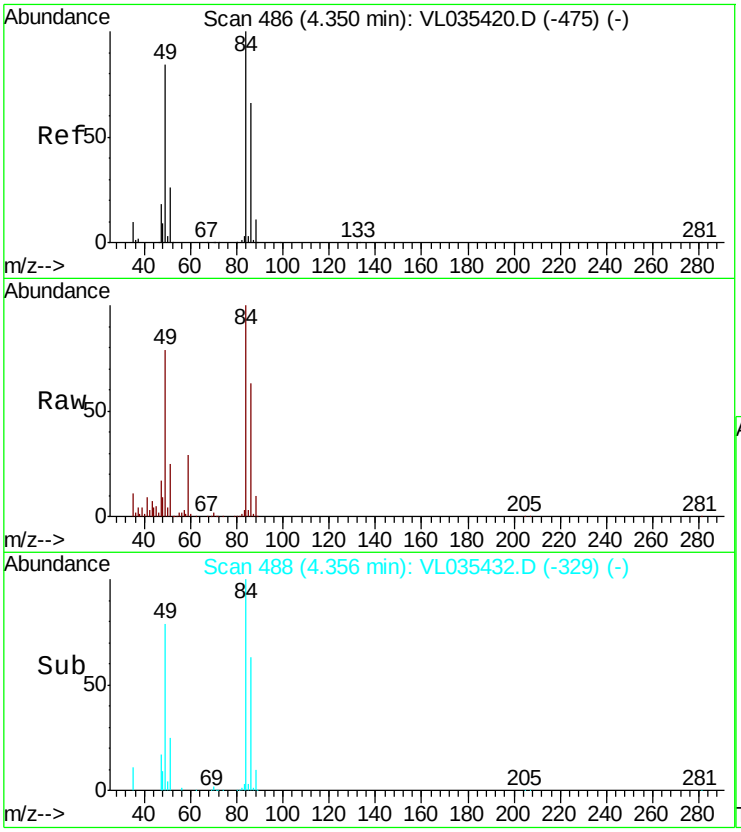


#19
Isopropyl Alcohol
Concen: 2.529 ppbv
RT: 4.01 min Scan# 381
Delta R.T. 0.04 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 45 Resp: 219806

Ion	Ratio	Lower	Upper
45	100		
58	1121.2	1.0	1.6#



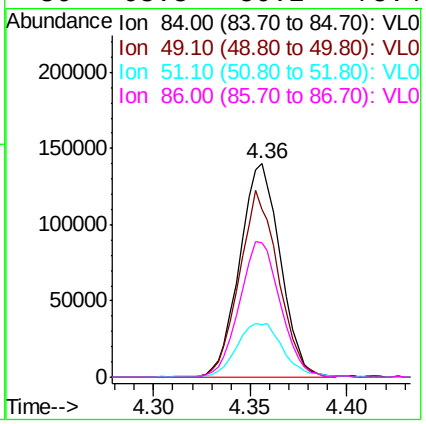


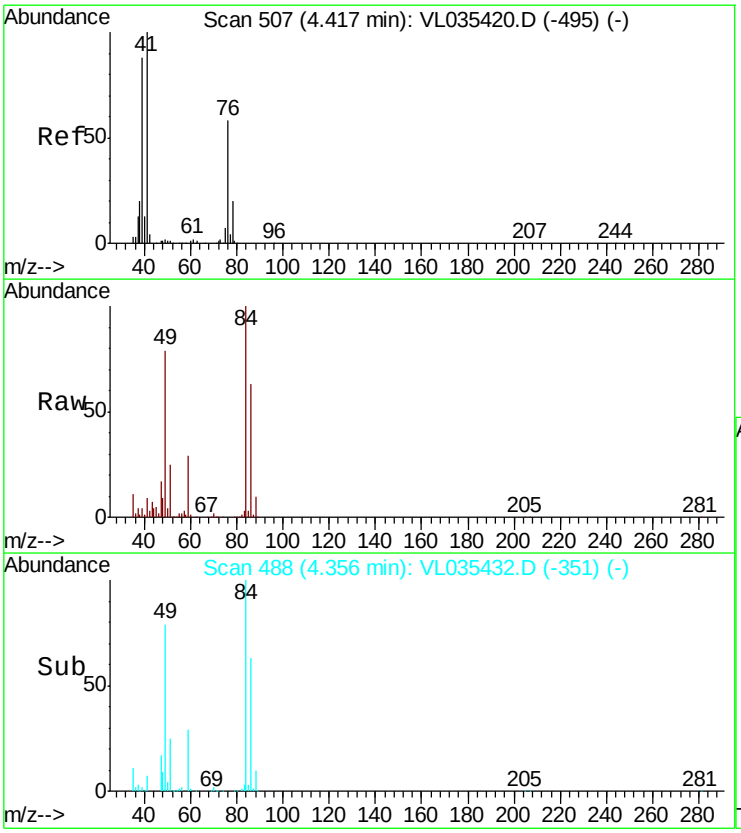
#20
Methylene Chloride
Concen: 2.012 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 84 Resp: 204702

Ion	Ratio	Lower	Upper
84	100		
49	78.6	118.6	177.8#
51	24.2	36.4	54.6#
86	63.3	50.2	75.4

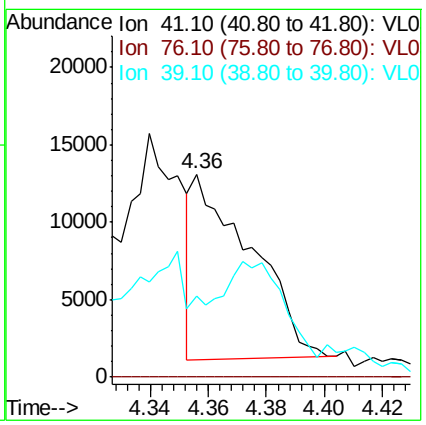


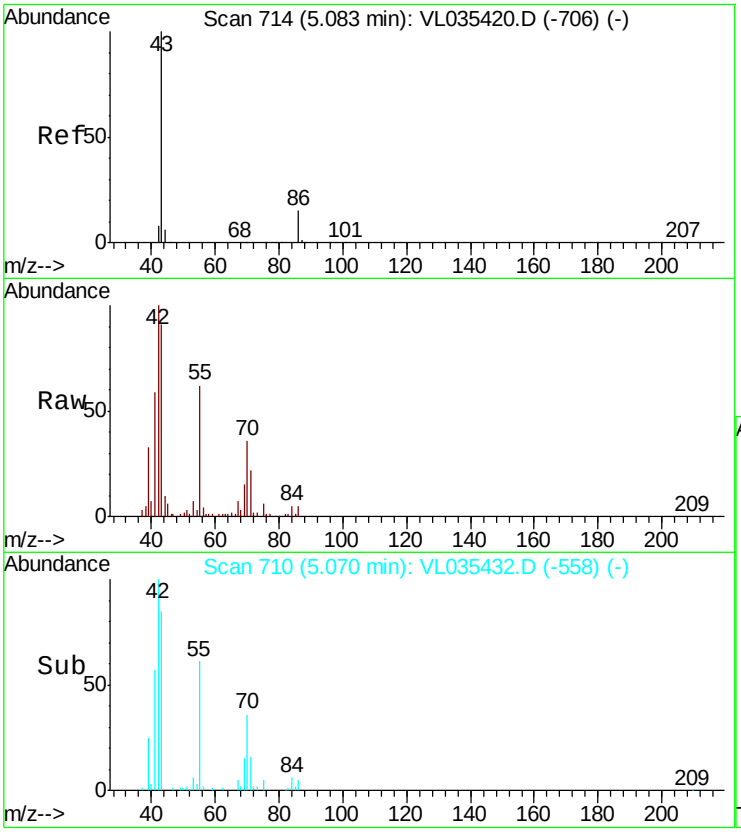


#21
Allyl Chloride
Concen: 0.259 ppbv
RT: 4.36 min Scan# 488
Delta R.T. -0.06 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 41 Resp: 16623

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	122.2	66.2	99.2#



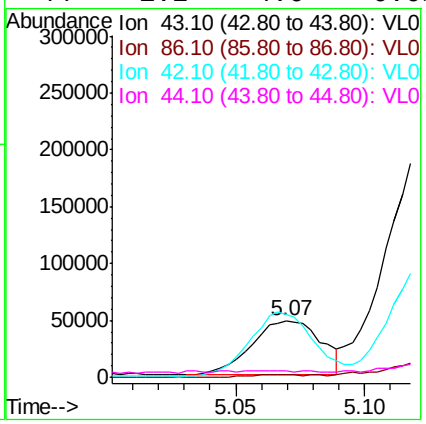


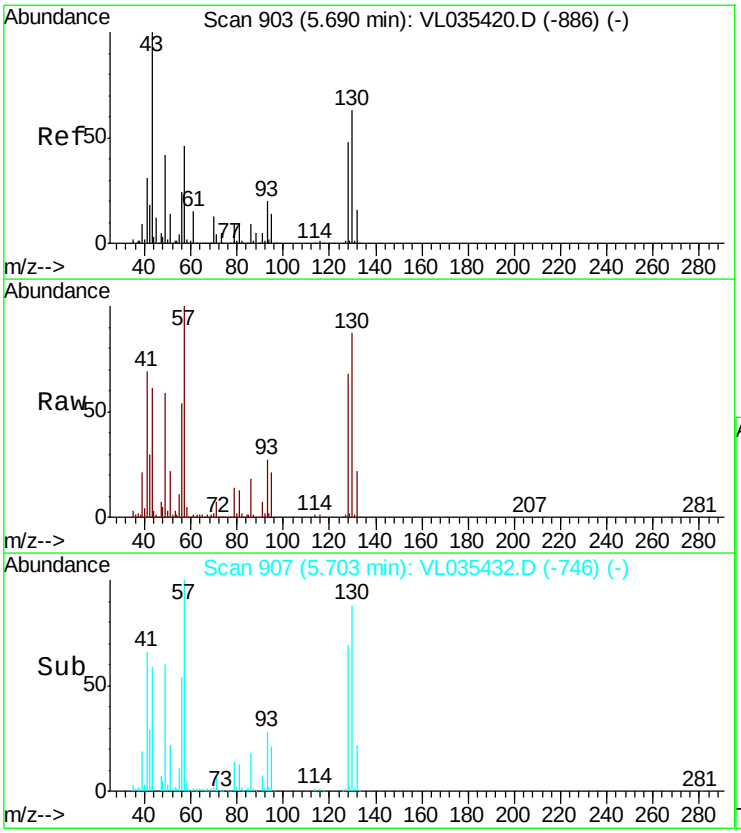
#23
Vinyl Acetate
Concen: 0.495 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 43 Resp: 89139

Ion	Ratio	Lower	Upper
43	100		
86	5.7	6.5	9.7#
42	113.1	8.3	12.5#
44	1.2	4.0	6.0#

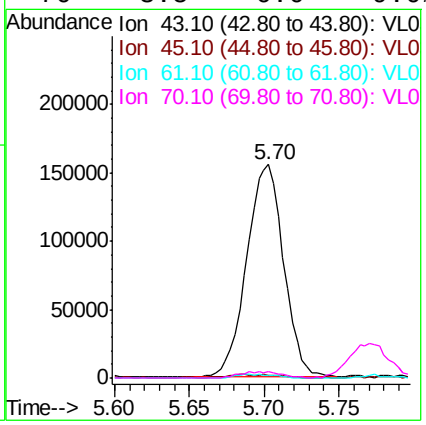


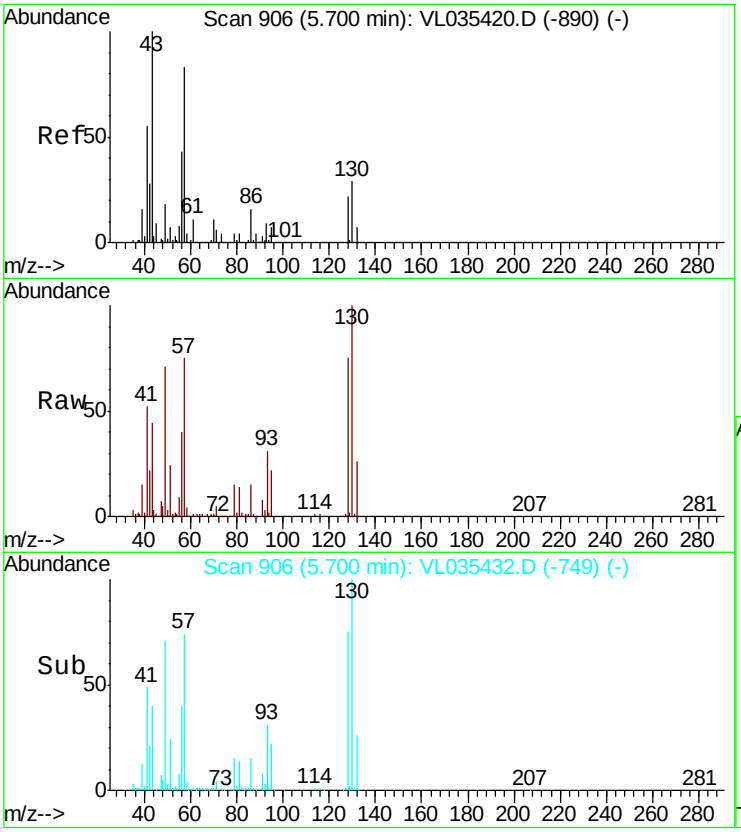


#25
Ethyl Acetate
Concen: 1.088 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 43 Resp: 266972

Ion	Ratio	Lower	Upper
43	100		
45	2.4	8.3	12.5#
61	1.9	7.6	11.4#
70	3.5	6.0	9.0#



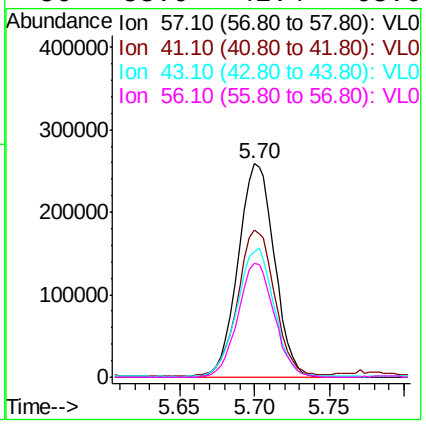


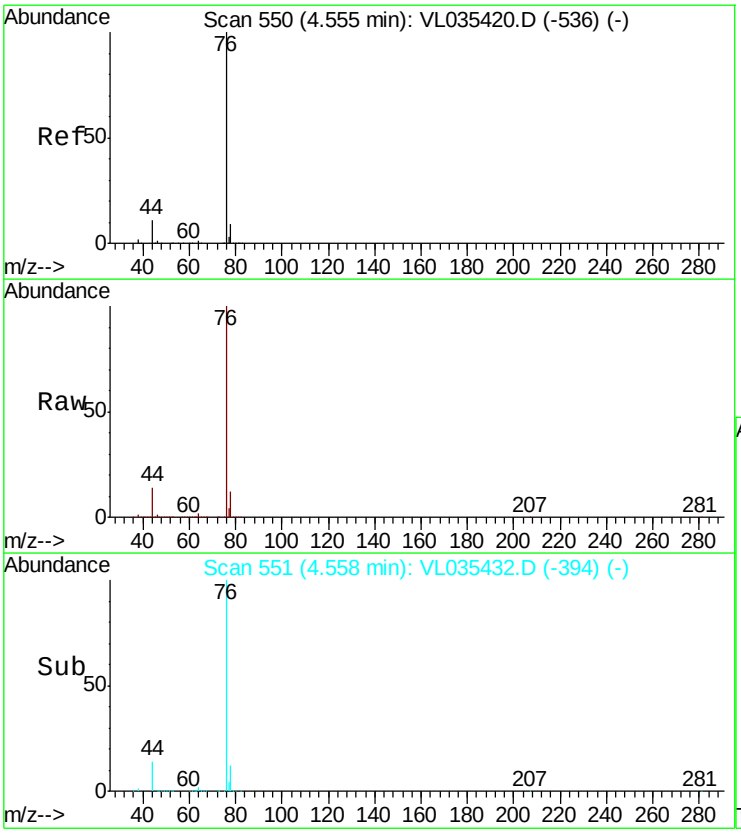
#26
Hexane
Concen: 3.151 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 57 Resp: 436254

Ion	Ratio	Lower	Upper
57	100		
41	70.2	75.5	113.3#
43	61.0	181.7	272.5#
56	53.6	42.4	63.6

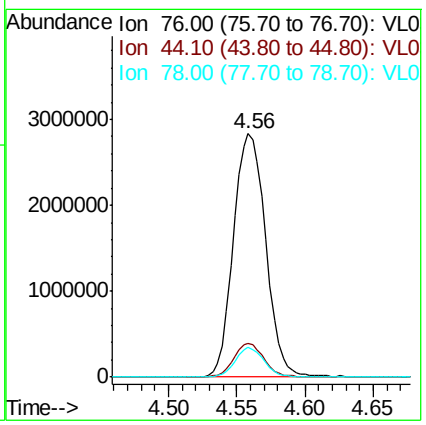


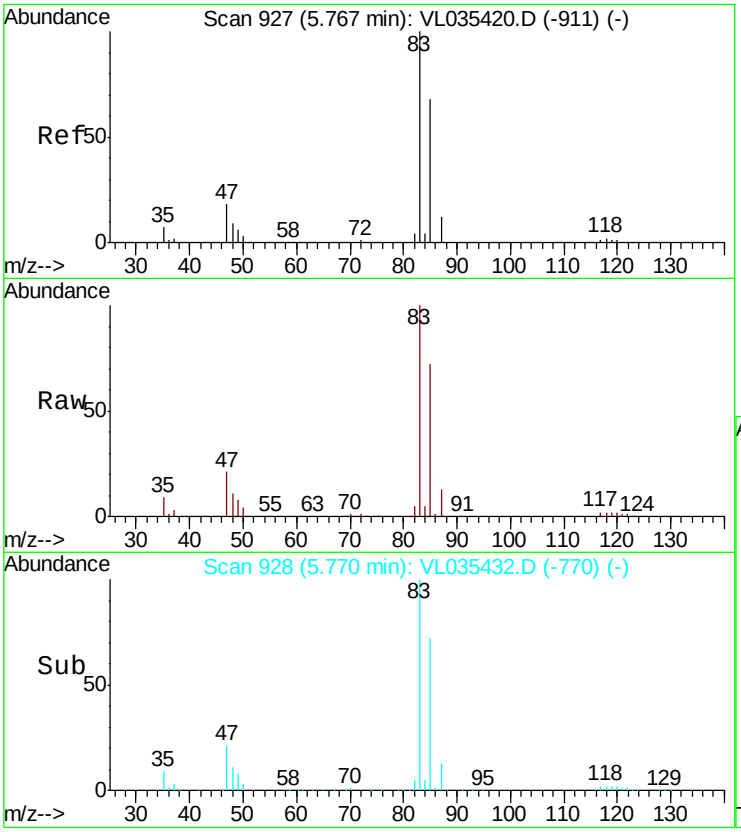


#27
Carbon Disulfide
Concen: 23.348 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 76 Resp: 4673003

Ion	Ratio	Lower	Upper
76	100		
44	12.9	16.8	25.2#
78	10.9	7.3	10.9#



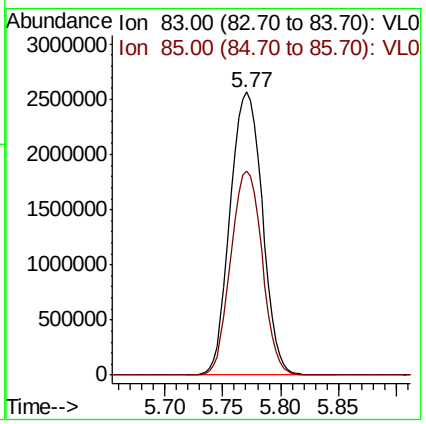


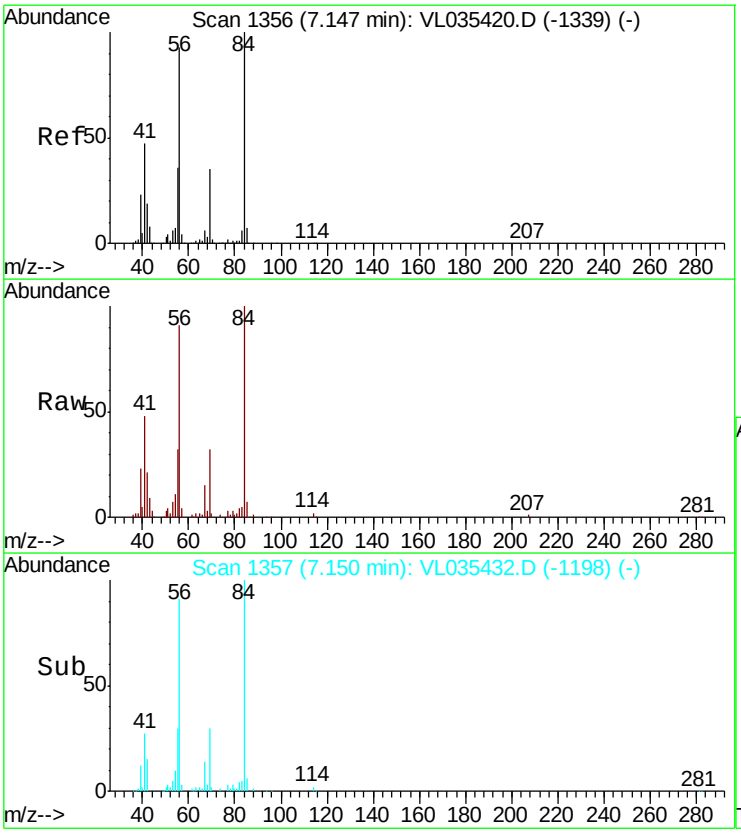
#29
Chloroform
Concen: 17.807 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument :
MSVOA_L
ClientSampleId :
K-1

Tgt Ion: 83 Resp: 4953872

Ion	Ratio	Lower	Upper
83	100		
85	72.2	52.7	79.1

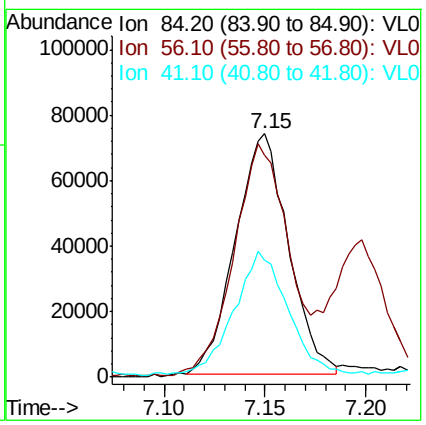


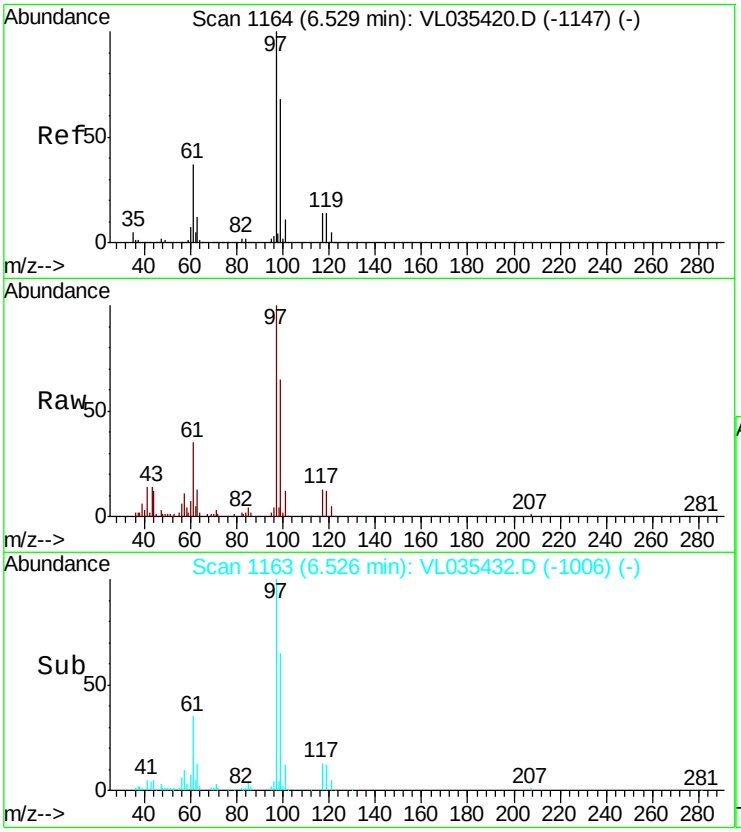


#30
Cyclohexane
Concen: 0.884 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 84 Resp: 135733

Ion	Ratio	Lower	Upper
84	100		
56	103.6	114.9	172.3#
41	52.8	72.3	108.5#



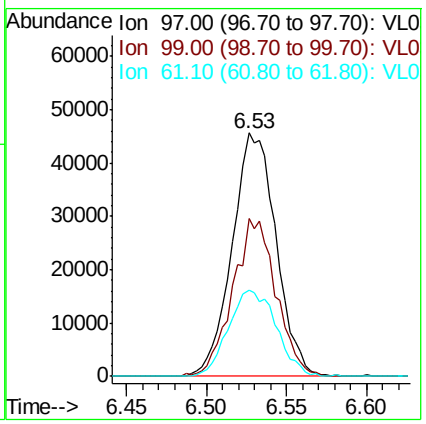


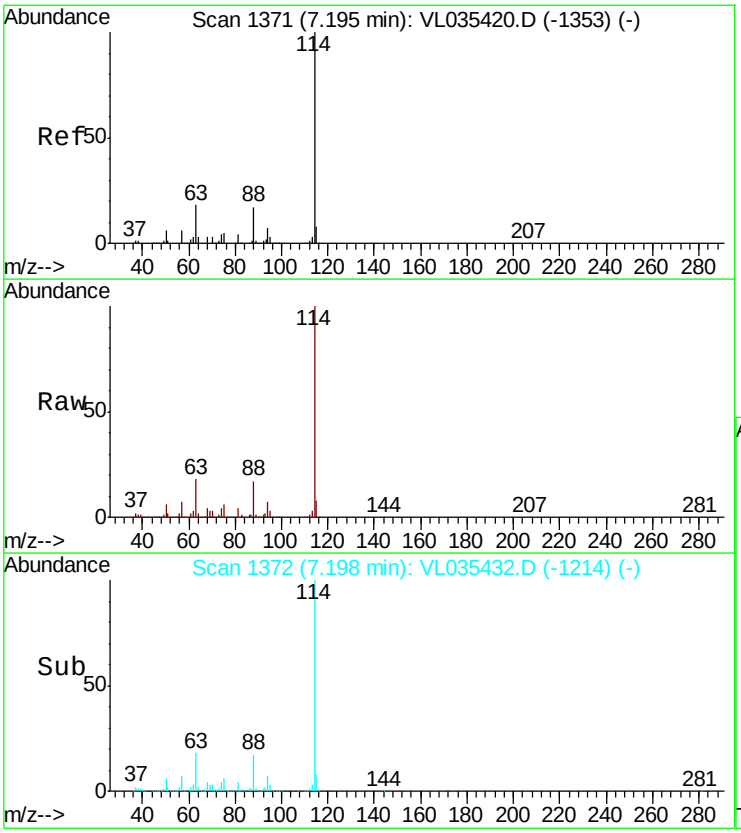
#32
1,1,1-Trichloroethane
Concen: 0.327 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 97 Resp: 85301

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	38.7	41.0	61.6#

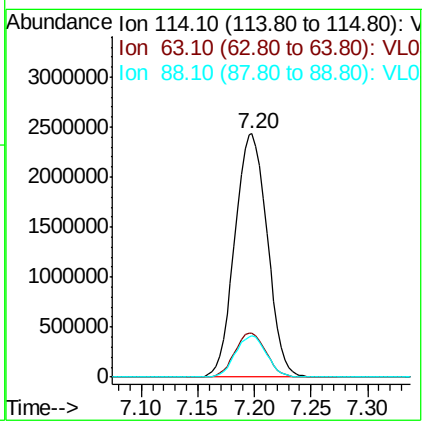


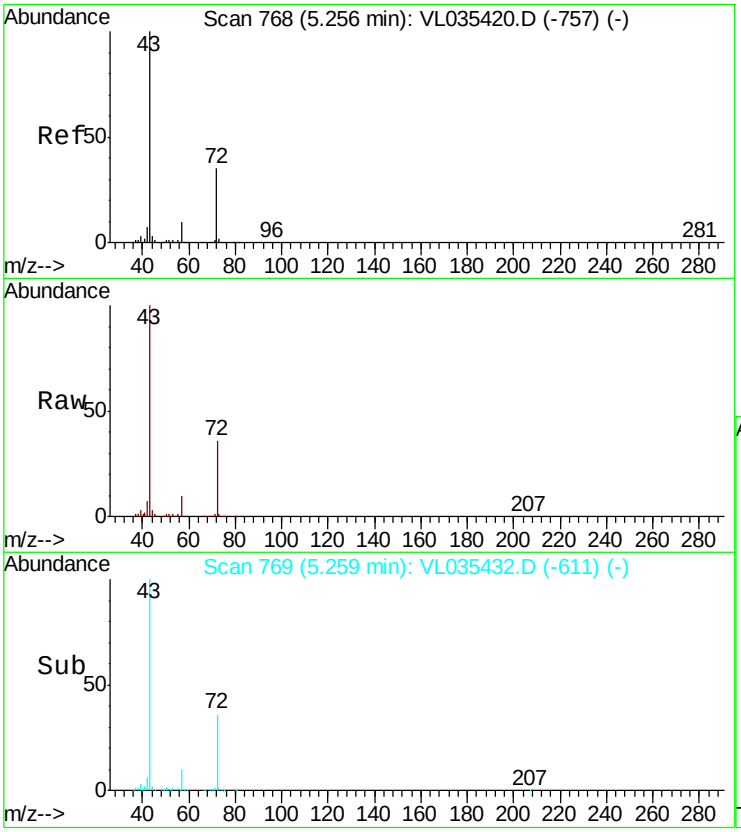


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:114 Resp: 4862742

Ion	Ratio	Lower	Upper
114	100		
63	17.6	23.1	34.7#
88	16.4	15.9	23.9



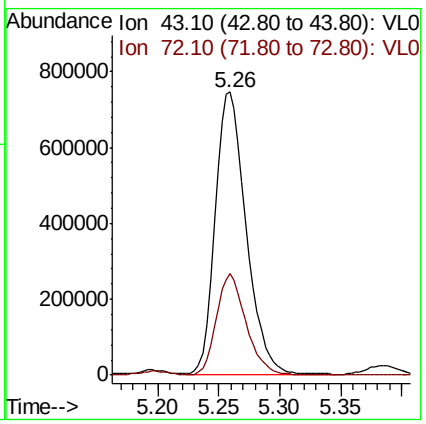


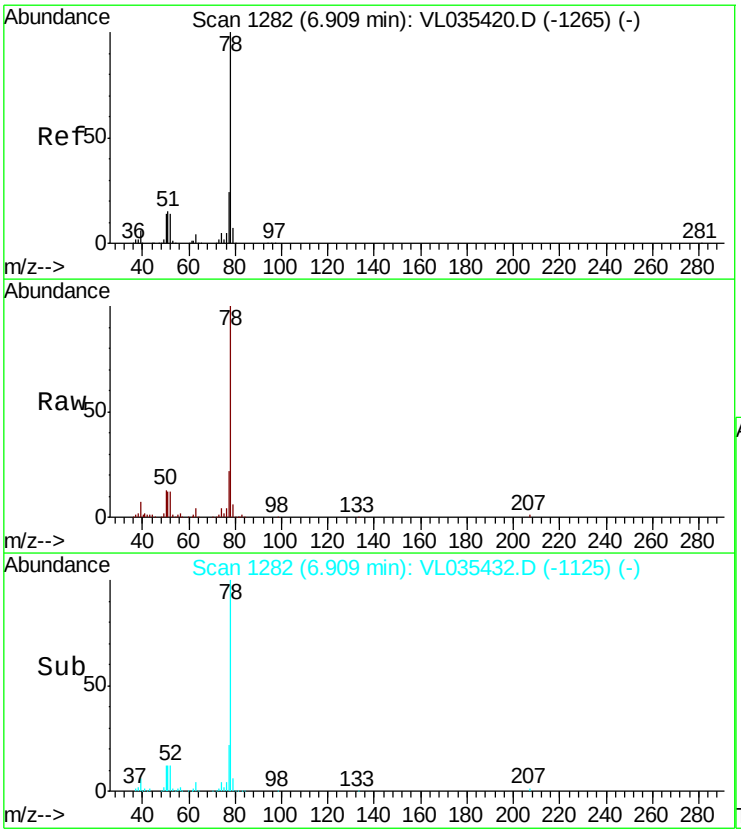
#34
2-Butanone
Concen: 8.162 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 43 Resp: 1326067

Ion	Ratio	Lower	Upper
43	100		
72	34.4	17.6	26.4#

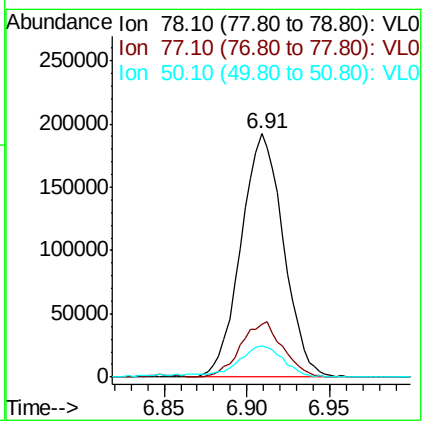


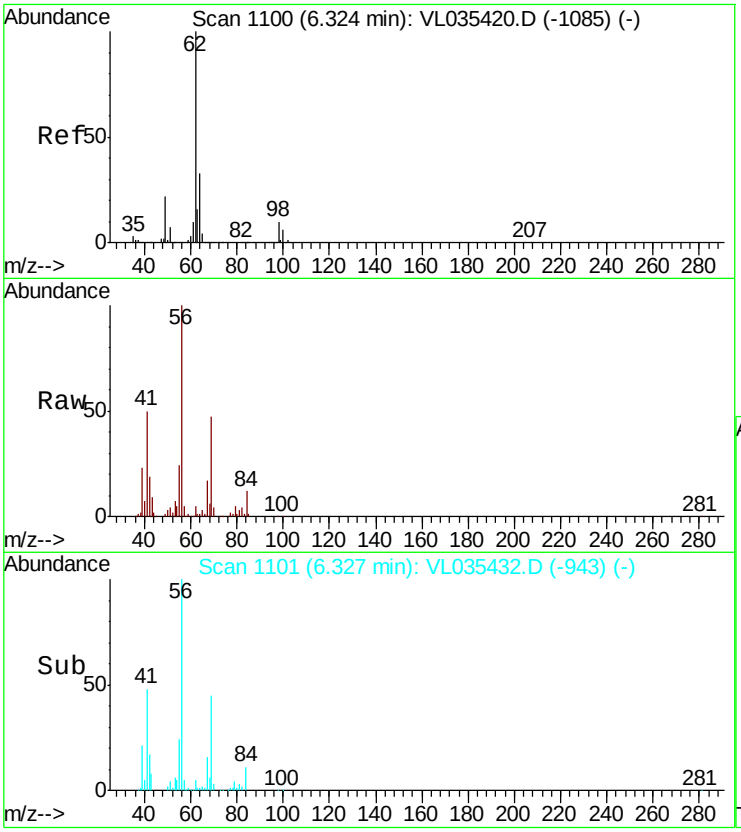


#36
Benzene
Concen: 0.957 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 78 Resp: 341447

Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.6	29.4
50	12.3	16.3	24.5#



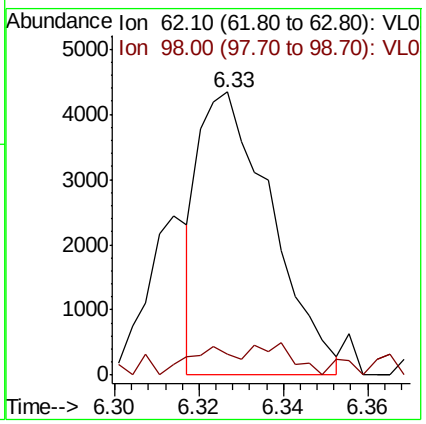


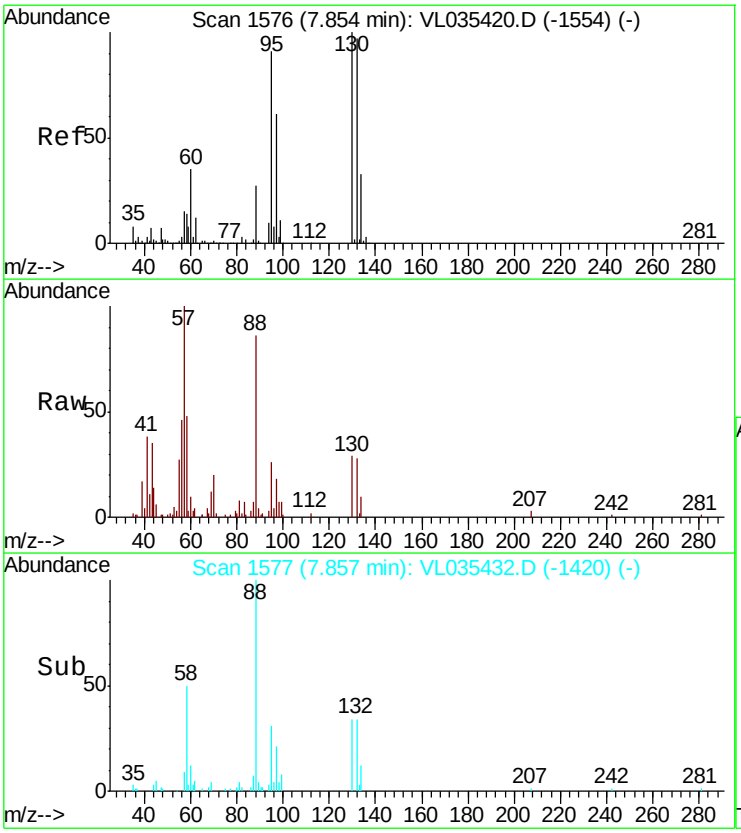
#37
1,2-Dichloroethane
Concen: 0.032 ppbv
RT: 6.33 min Scan# 1101
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 62 Resp: 5168

Ion	Ratio	Lower	Upper
62	100		
98	19.8	4.6	7.0#

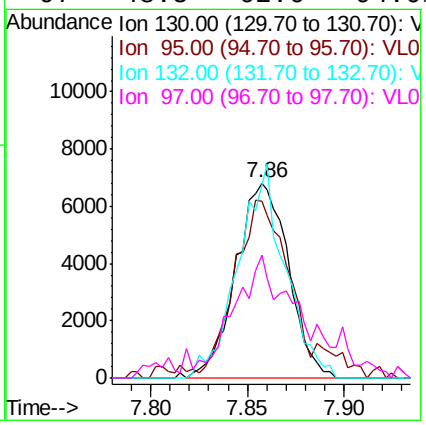


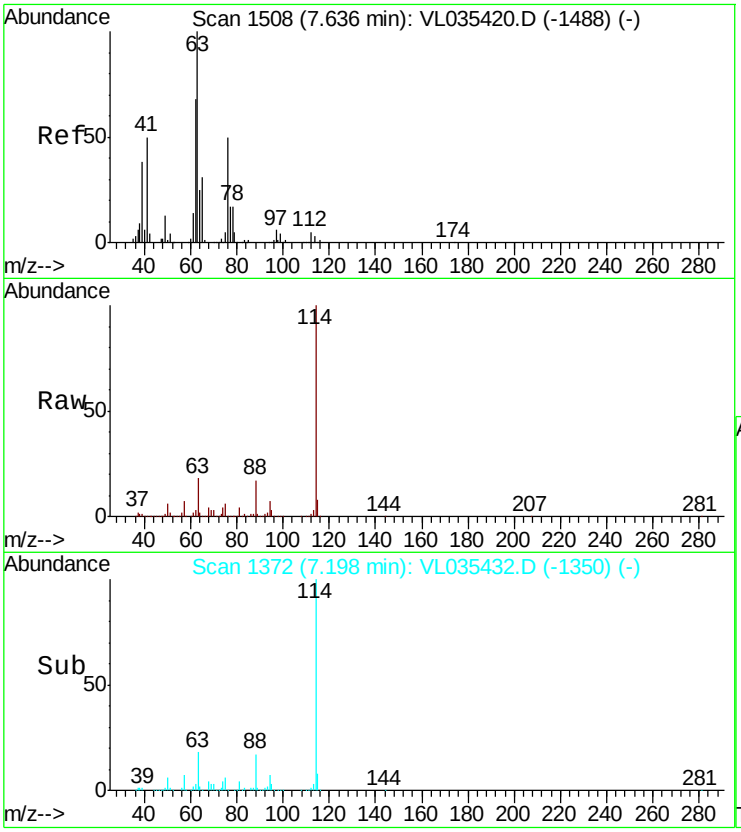


#38
Trichloroethene
Concen: 0.065 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:130 Resp: 12839

Ion	Ratio	Lower	Upper
130	100		
95	87.4	95.8	143.8#
132	99.3	74.3	111.5
97	48.5	62.6	94.0#



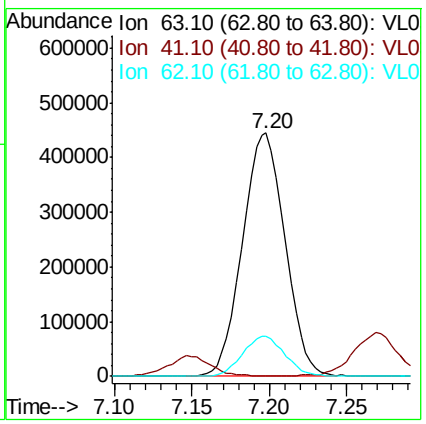


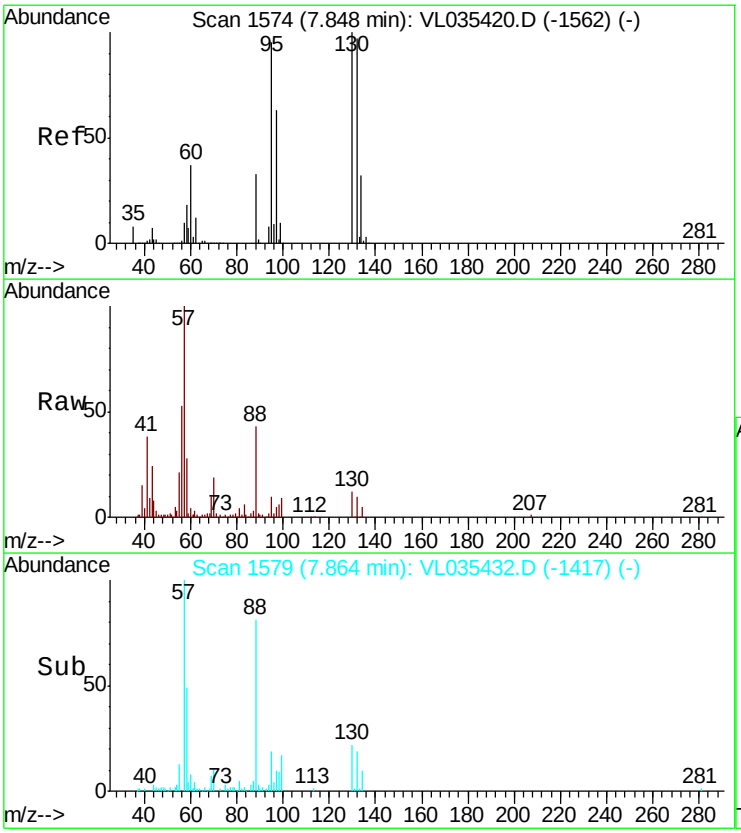
#39
1,2-Dichloropropane
Concen: 7.208 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.43 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 63 Resp: 847862

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.1	91.7#
62	16.3	55.3	82.9#

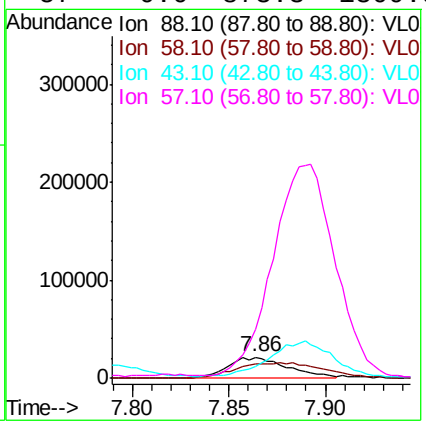


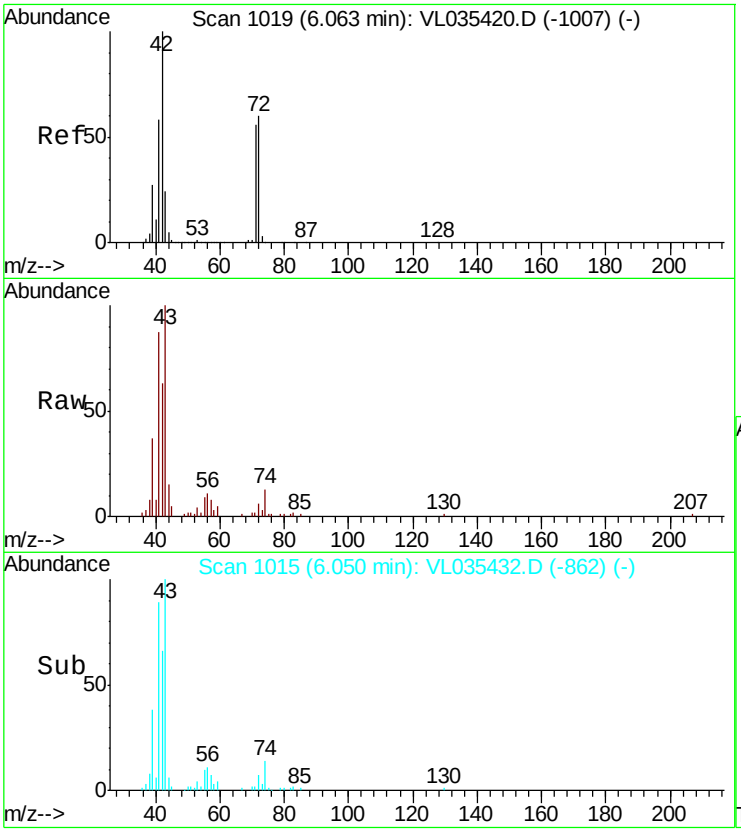


#40
1,4-Dioxane
Concen: 0.702 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 88 Resp: 45001

Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.6	160.0#
43	80.4	209.7	314.5#
57	0.0	873.3	1309.9#



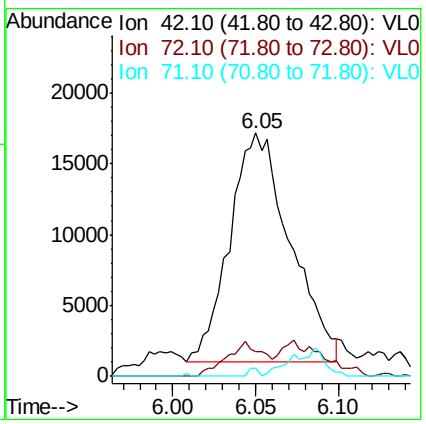


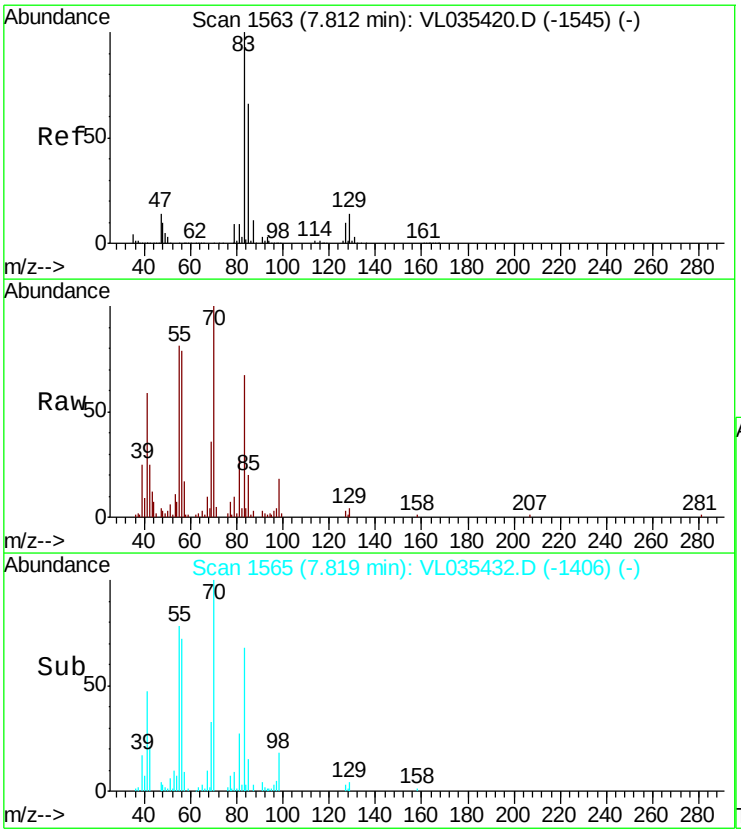
#41
Tetrahydrofuran
Concen: 0.456 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 42 Resp: 40899

Ion	Ratio	Lower	Upper
42	100		
72	20.4	29.4	44.2#
71	7.4	28.9	43.3#

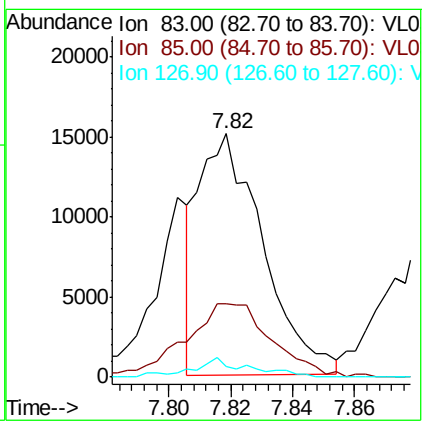


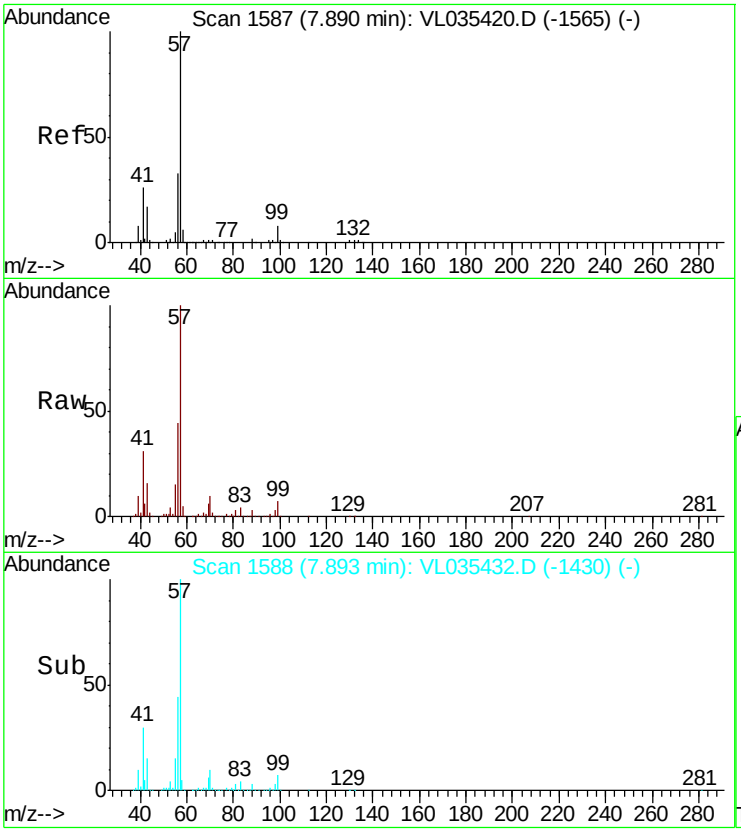


#42
Bromodichloromethane
Concen: 0.079 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 83 Resp: 21667

Ion	Ratio	Lower	Upper
83	100		
85	30.0	54.8	82.2#
127	4.4	6.1	9.1#



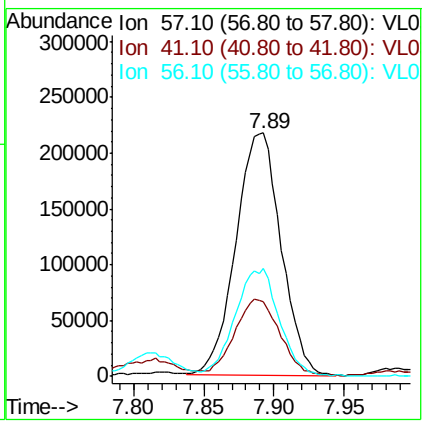


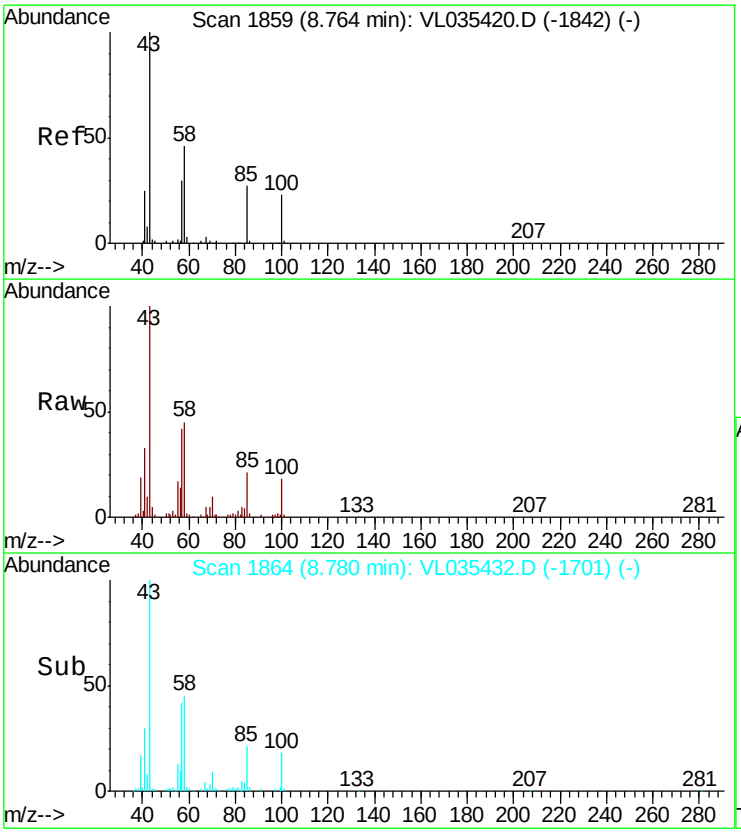
#44
2,2,4-Trimethylpentane
Concen: 1.049 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 57 Resp: 489016

Ion	Ratio	Lower	Upper
57	100		
41	31.0	27.2	40.8
56	43.0	25.4	38.0#

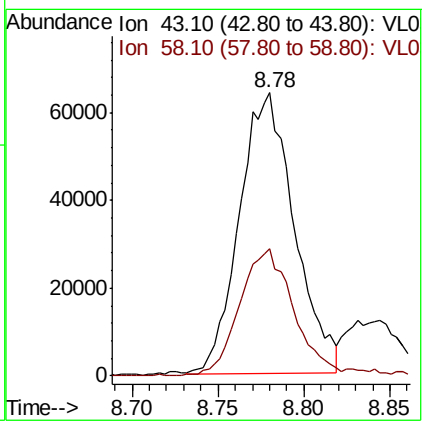


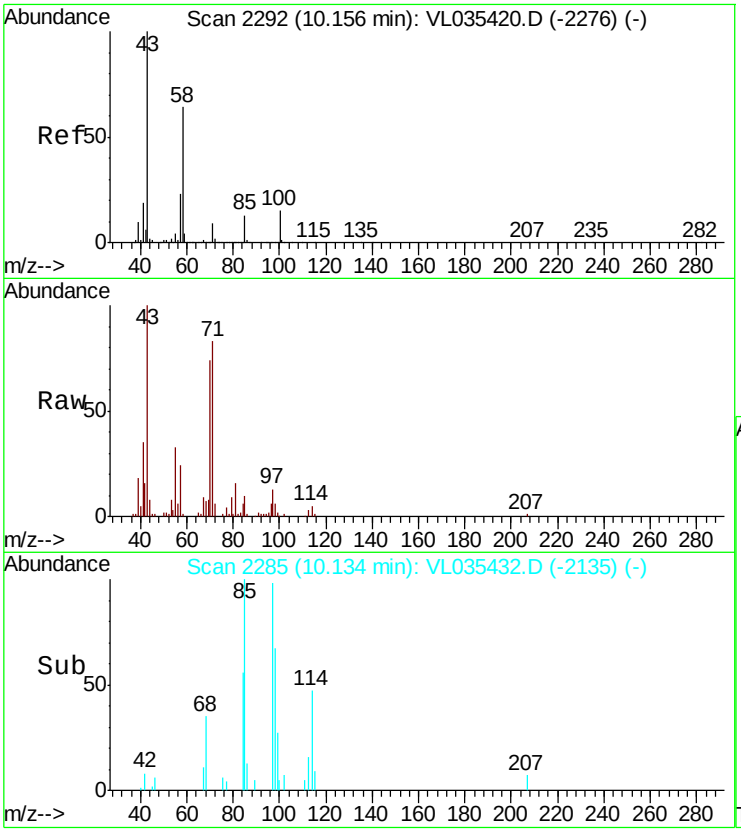


#50
4-Methyl-2-Pentanone
Concen: 0.612 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. 0.03 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 43 Resp: 142600

Ion	Ratio	Lower	Upper
43	100		
58	45.9	28.7	43.1#



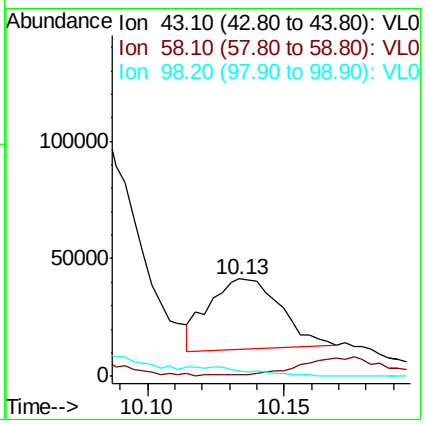


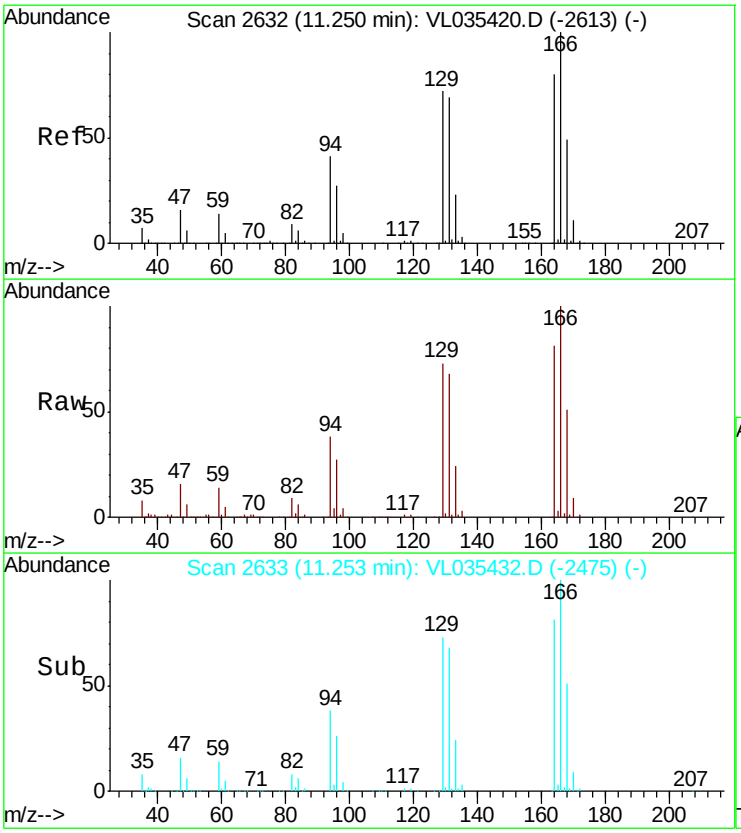
#51
2-Hexanone
Concen: 0.279 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.02 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 43 Resp: 54778

Ion	Ratio	Lower	Upper
43	100		
58	37.4	38.6	58.0#
98	0.0	0.2	0.2#

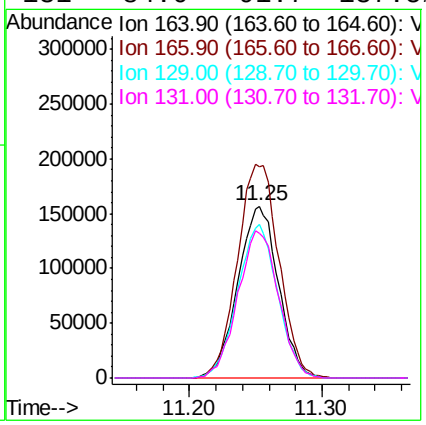


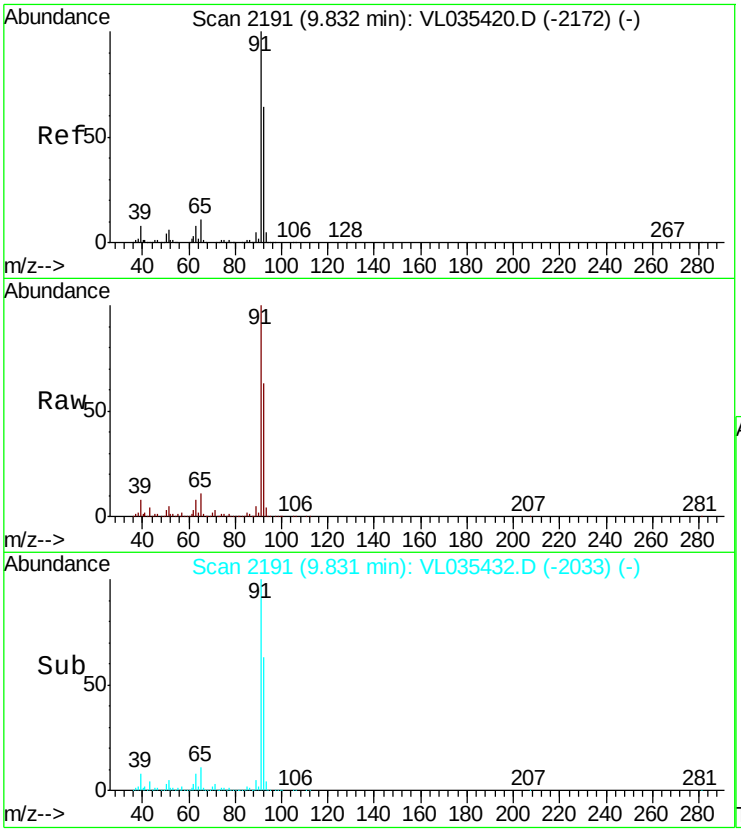


#52
Tetrachloroethene
Concen: 1.524 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:164 Resp: 331863

Ion	Ratio	Lower	Upper
164	100		
166	122.7	103.4	155.0
129	89.1	90.2	135.4#
131	84.0	91.7	137.5#



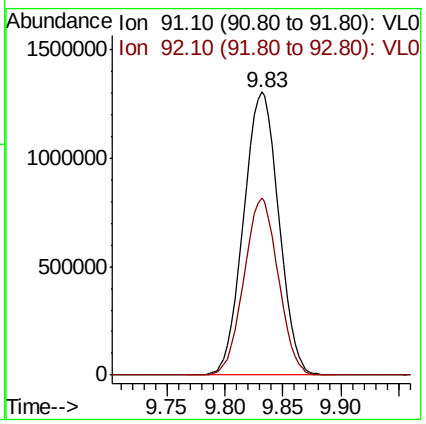


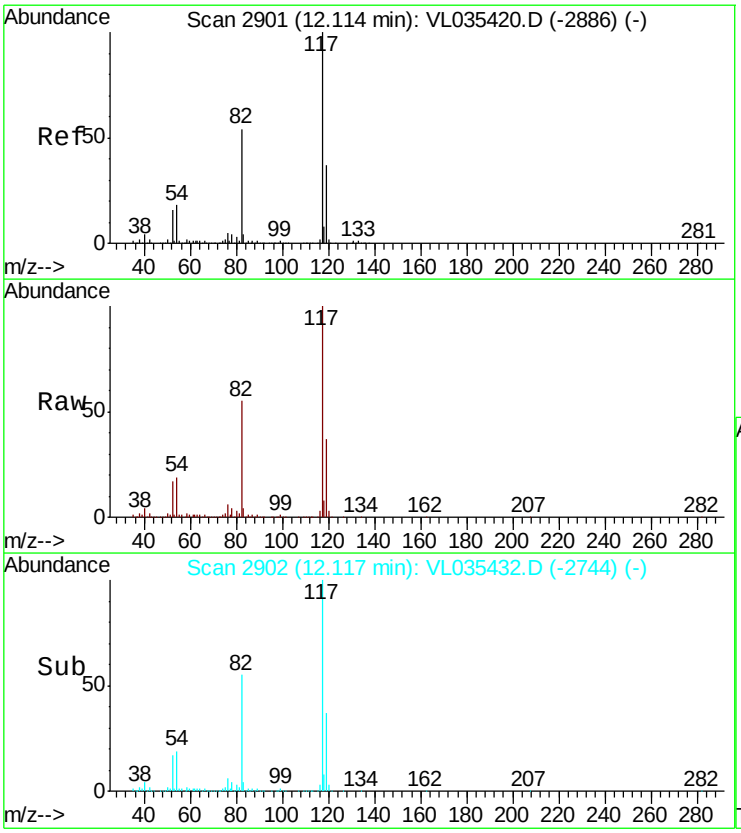
#53
Toluene
Concen: 6.009 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument :
MSVOA_L
ClientSampleId :
K-1

Tgt Ion: 91 Resp: 2762196

Ion	Ratio	Lower	Upper
91	100		
92	61.2	49.1	73.7

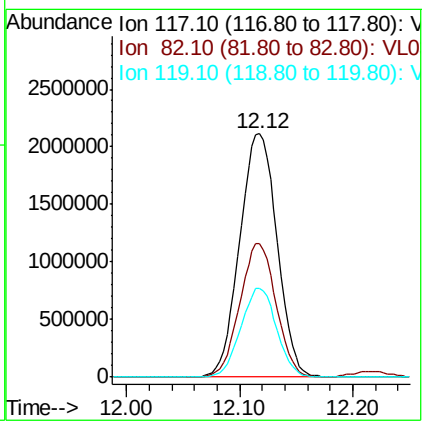


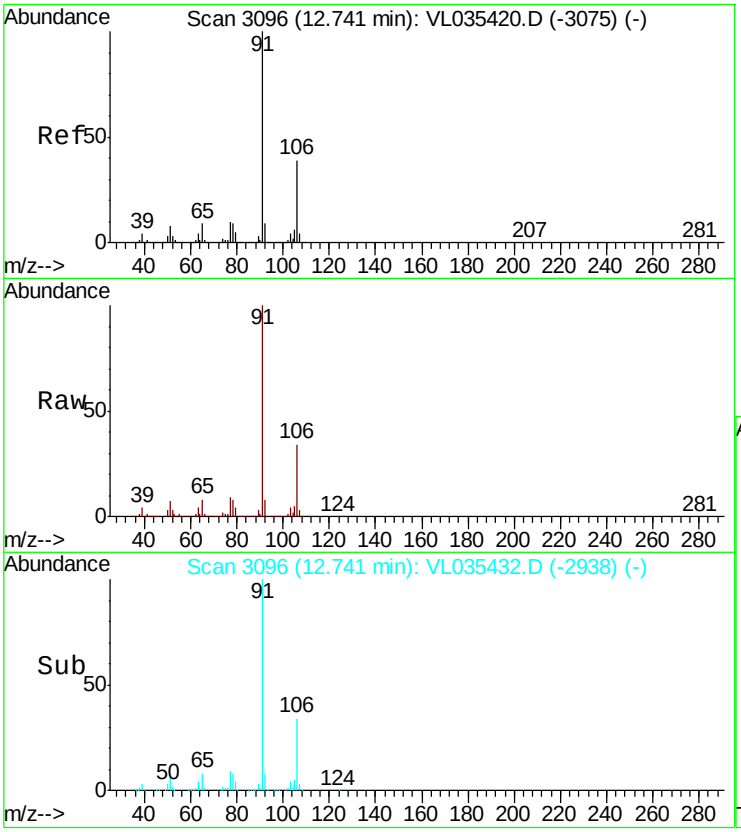


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:117 Resp: 4853540

Ion	Ratio	Lower	Upper
117	100		
82	53.2	57.4	86.0#
119	35.1	28.4	42.6



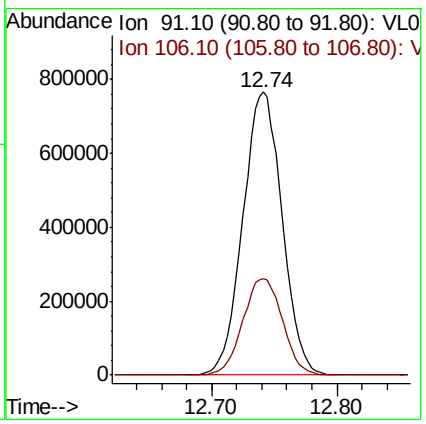


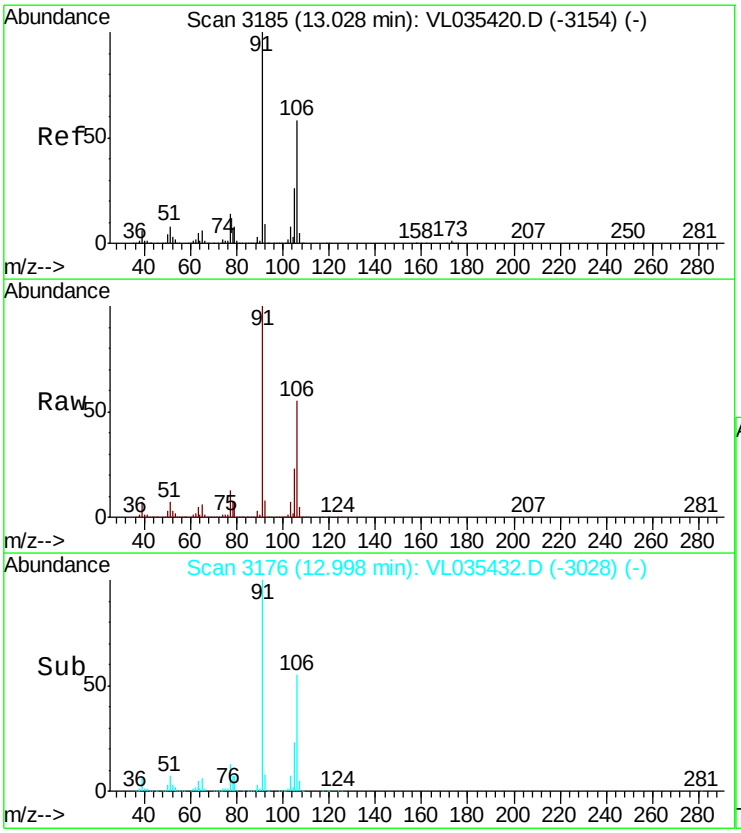
#58
Ethyl Benzene
Concen: 2.841 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 91 Resp: 1664806

Ion	Ratio	Lower	Upper
91	100		
106	34.2	24.1	36.1

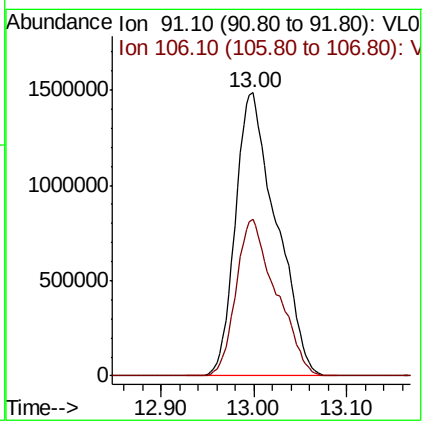


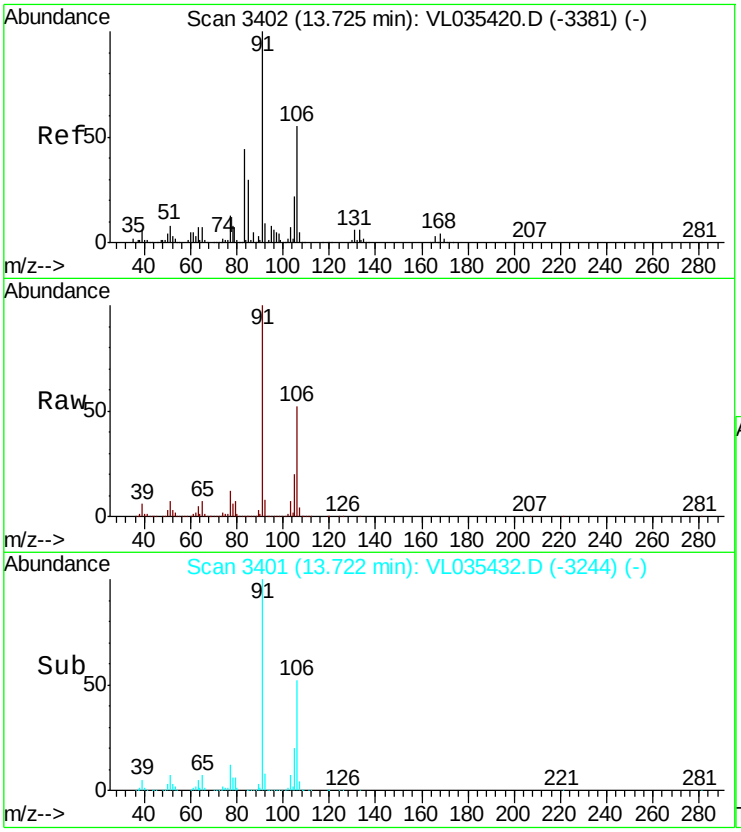


#59
m/p-Xylene
Concen: 9.165 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.02 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 91 Resp: 4539331

Ion	Ratio	Lower	Upper
91	100		
106	54.5	34.0	51.0#



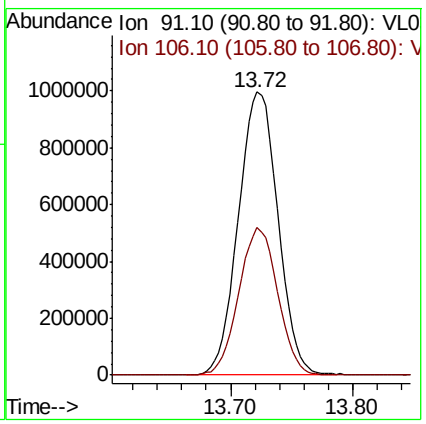


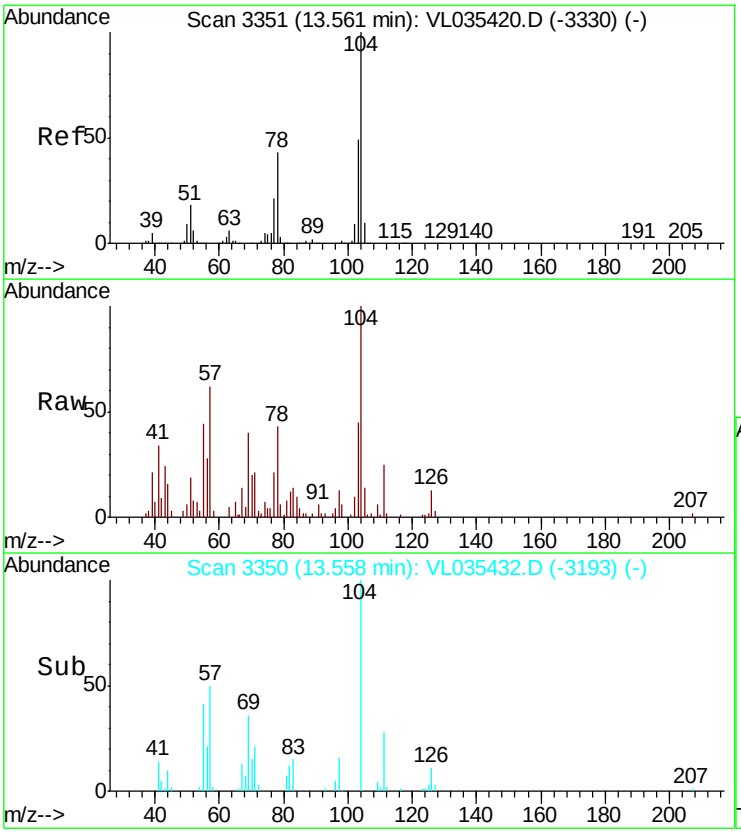
#60
o-Xylene
Concen: 4.623 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 91 Resp: 2225124

Ion	Ratio	Lower	Upper
91	100		
106	51.5	21.8	65.3

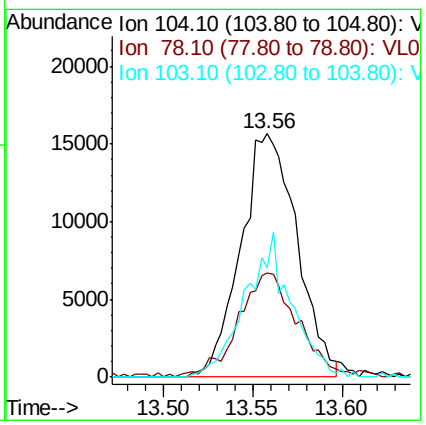


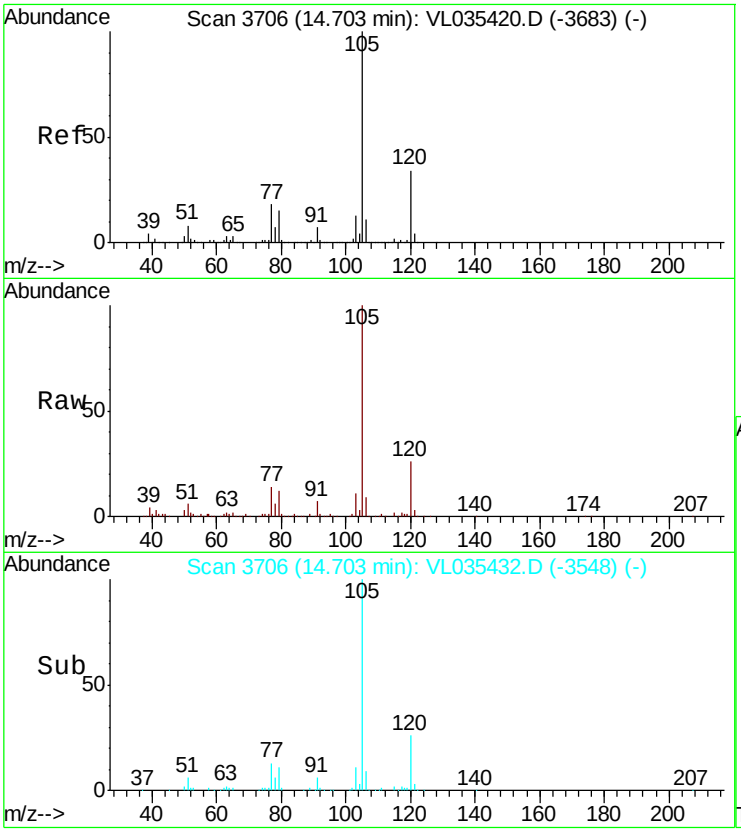


#61
Styrene
Concen: 0.088 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:104 Resp: 34413

Ion	Ratio	Lower	Upper
104	100		
78	45.8	45.4	68.2
103	48.8	37.8	56.8



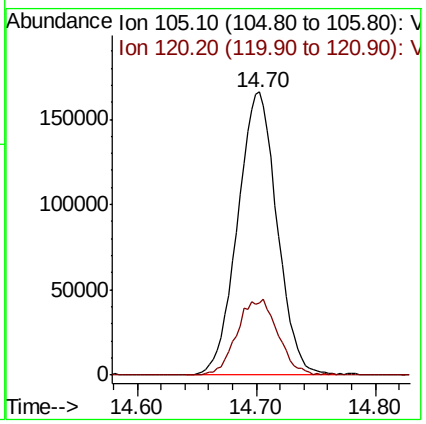


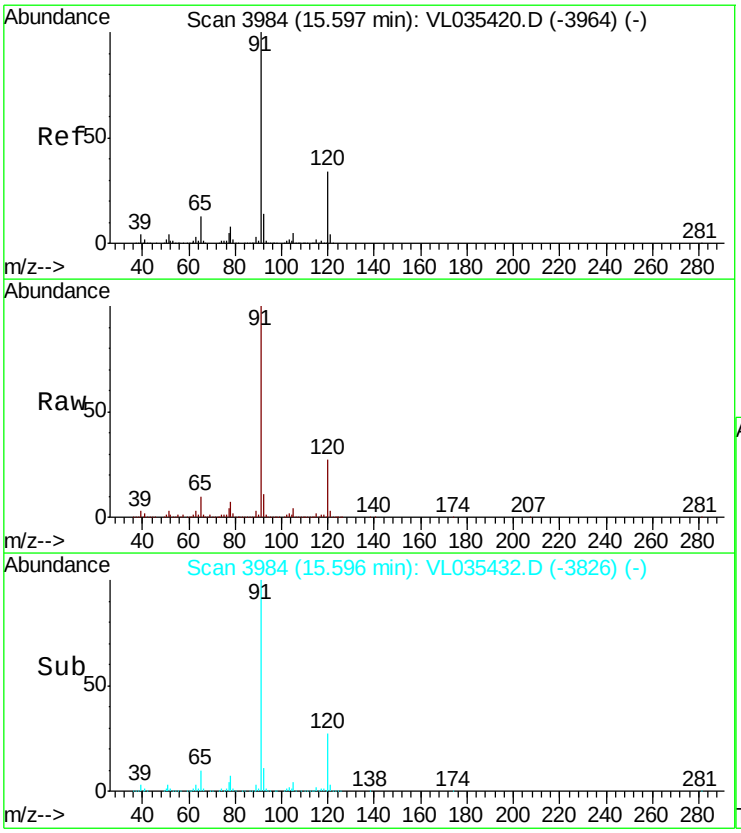
#62
Isopropylbenzene
Concen: 0.483 ppbv
RT: 14.70 min Scan# 3706
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:105 Resp: 381187

Ion	Ratio	Lower	Upper
105	100		
120	27.8	20.3	30.5

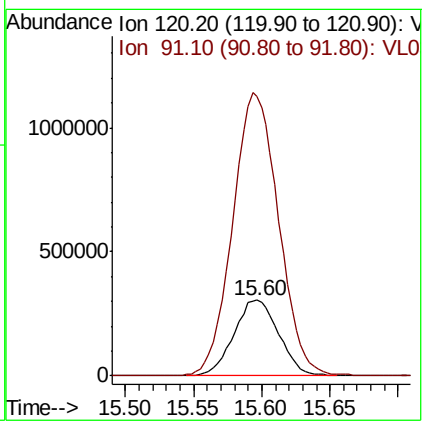


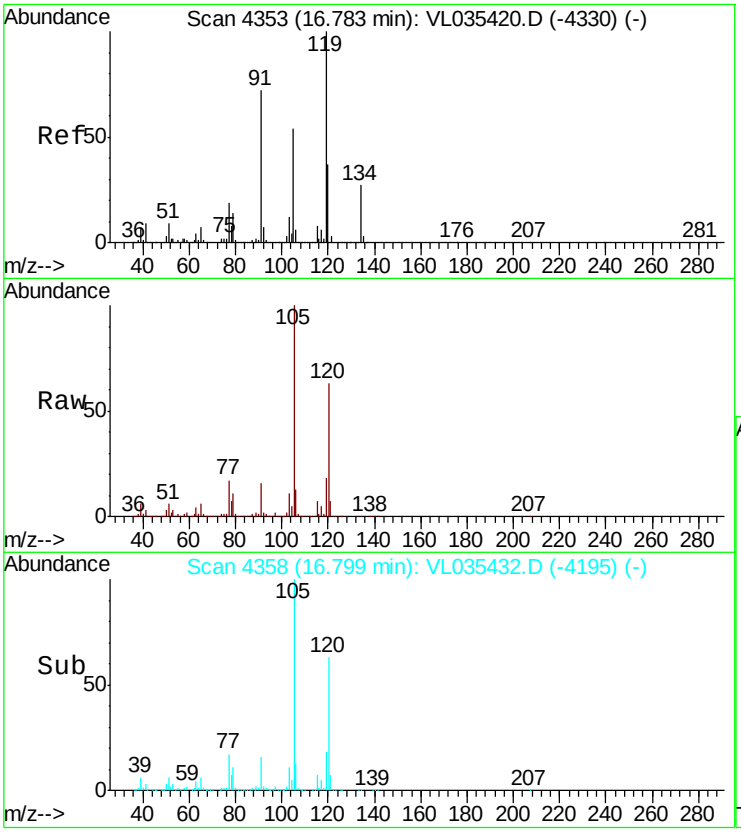


#64
n-propylbenzene
Concen: 2.863 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:120 Resp: 696093

Ion	Ratio	Lower	Upper
120	100		
91	383.8	385.5	578.3#



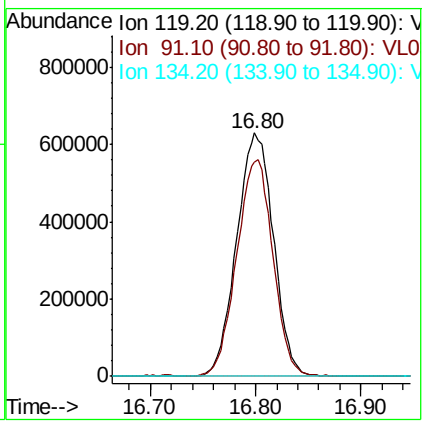


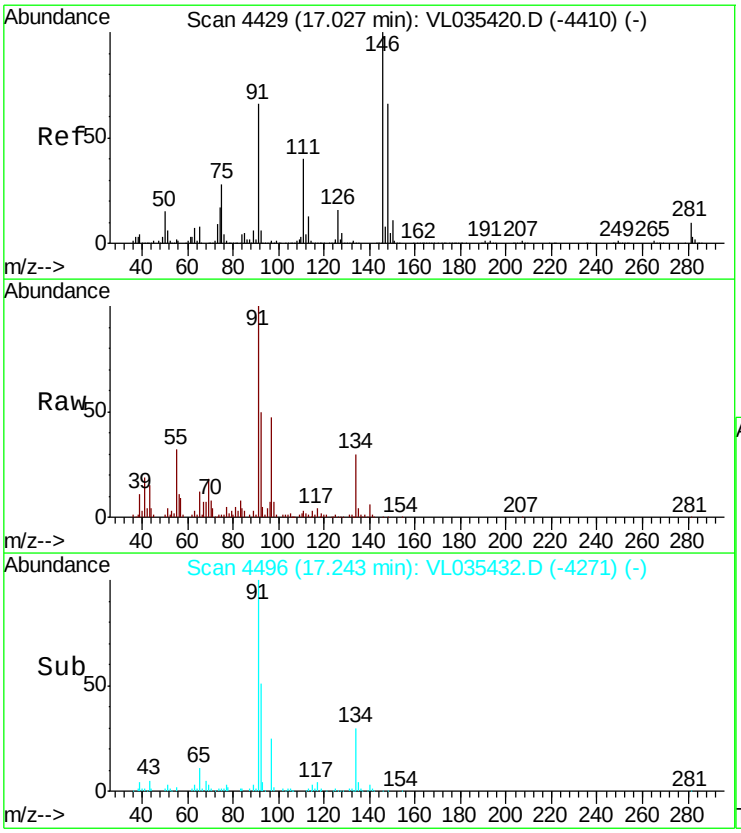
#65
tert-Butylbenzene
Concen: 1.991 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. 0.03 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:119 Resp: 1526015

Ion	Ratio	Lower	Upper
119	100		
91	87.6	72.0	108.0
134	0.2	15.7	23.5#

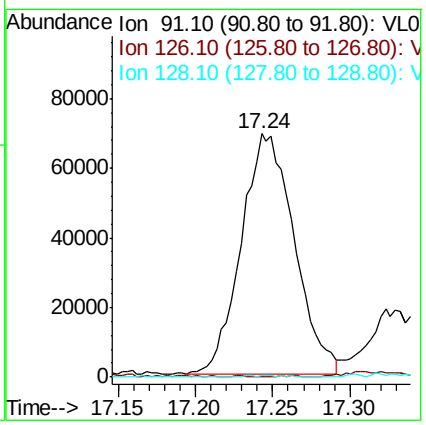


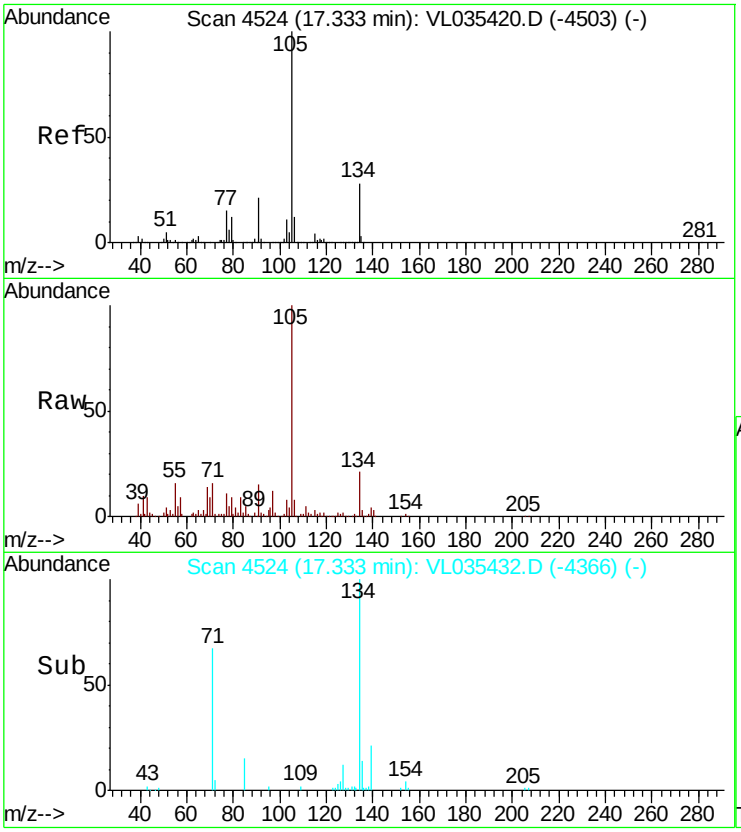


#66
Benzyl Chloride
Concen: 0.898 ppbv
RT: 17.24 min Scan# 4496
Delta R.T. 0.22 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 91 Resp: 165534

Ion	Ratio	Lower	Upper
91	100		
126	0.3	13.3	19.9#
128	0.4	4.1	6.1#



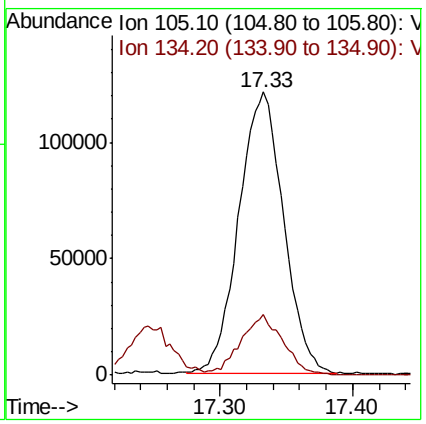


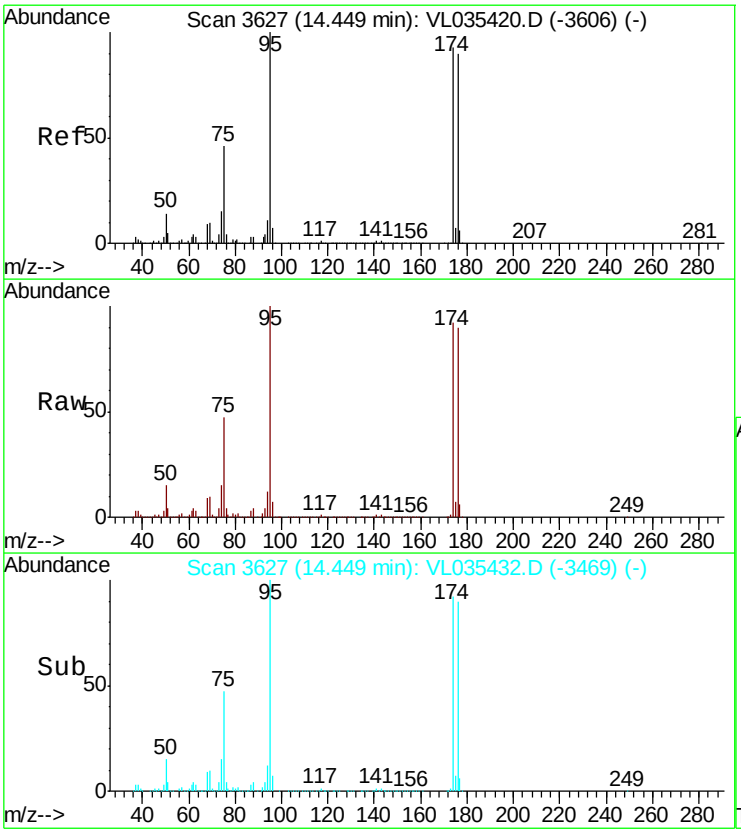
#67
sec-Butylbenzene
Concen: 0.280 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:105 Resp: 282134

Ion	Ratio	Lower	Upper
105	100		
134	20.4	14.1	21.1

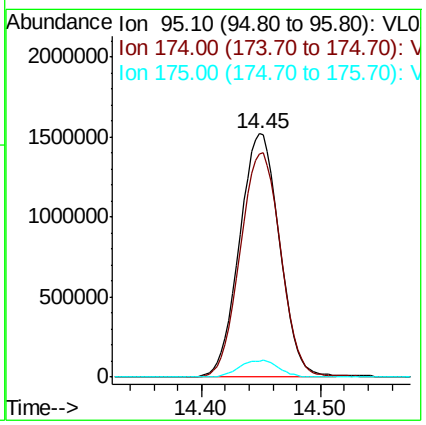


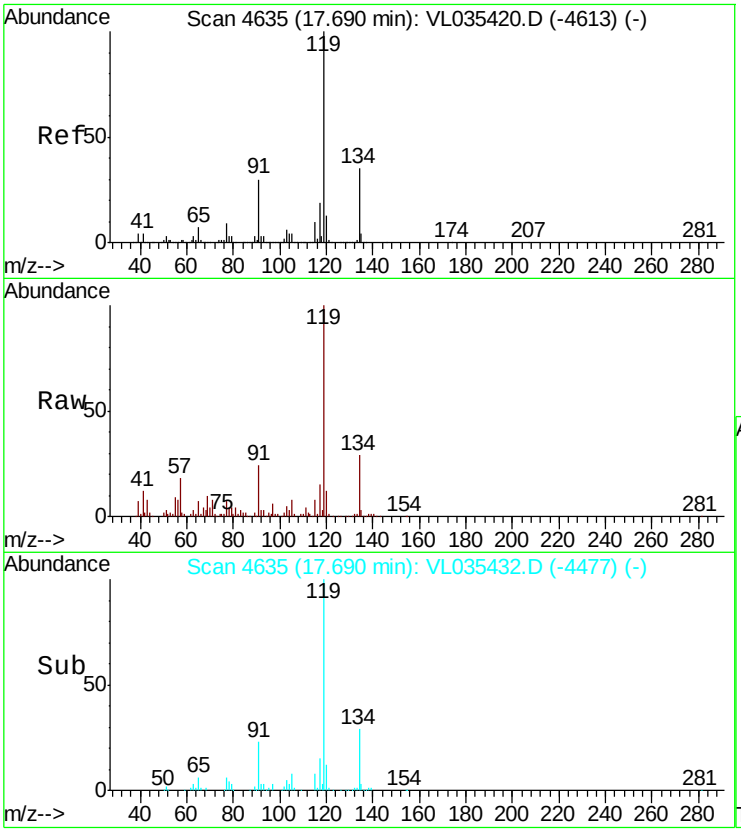


#68
1-Bromo-4-Fluorobenzene
Concen: 10.412 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 95 Resp: 3537889

Ion	Ratio	Lower	Upper
95	100		
174	93.7	44.0	66.0#
175	6.9	3.2	4.8#



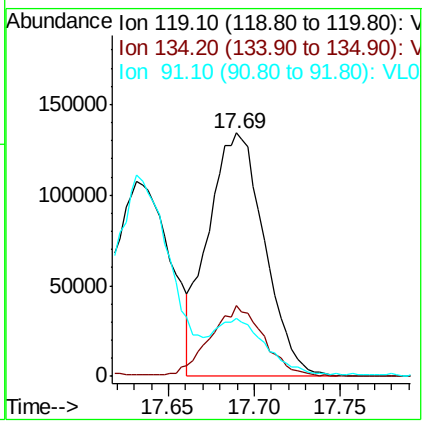


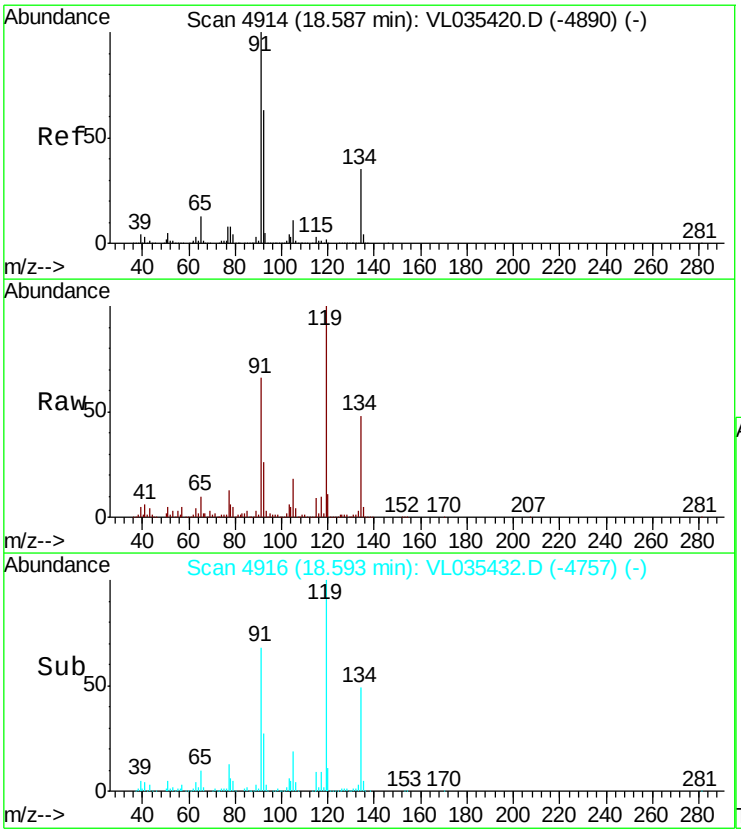
#69
p-Isopropyltoluene
Concen: 0.339 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:119 Resp: 303278

Ion	Ratio	Lower	Upper
119	100		
134	28.3	20.6	30.8
91	18.5	26.6	39.8#

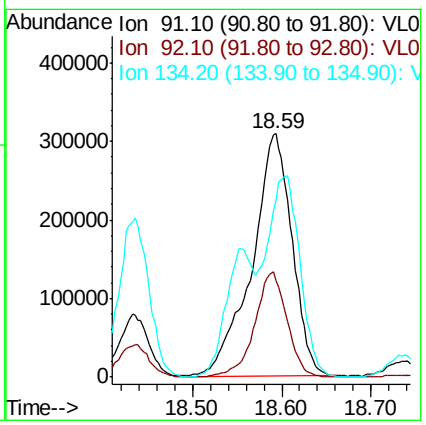


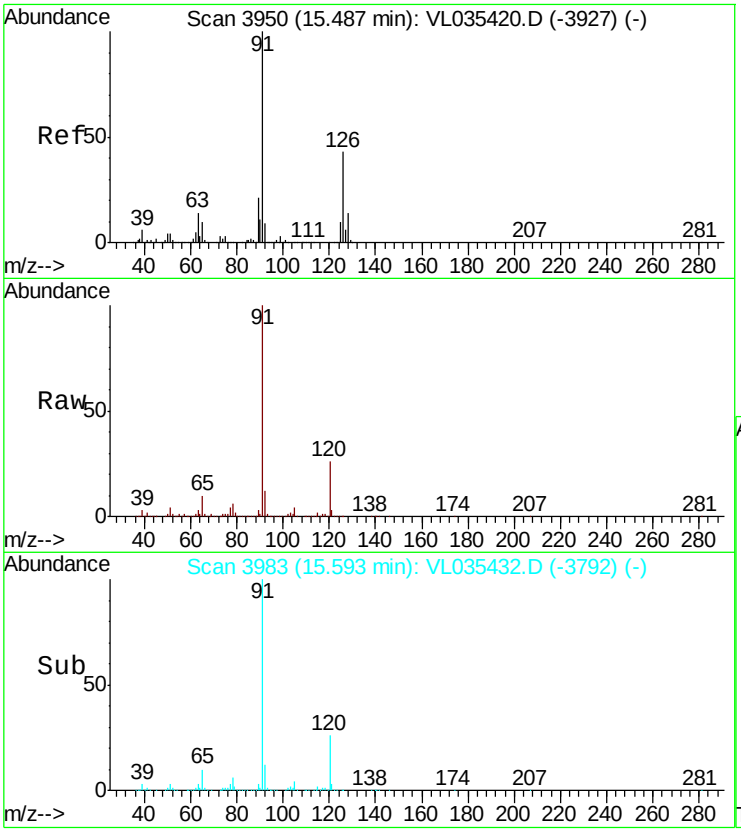


#70
n-Butylbenzene
Concen: 1.142 ppbv
RT: 18.59 min Scan# 4916
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion: 91 Resp: 965782

Ion	Ratio	Lower	Upper
91	100		
92	34.8	44.8	67.2#
134	72.3	17.3	25.9#



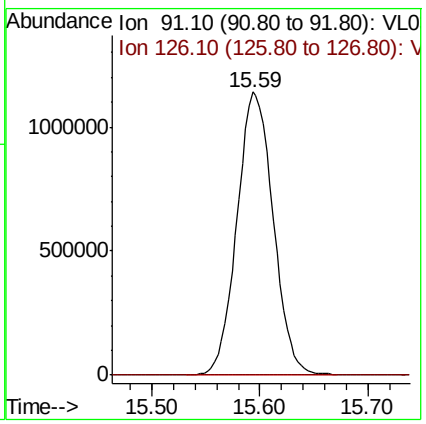


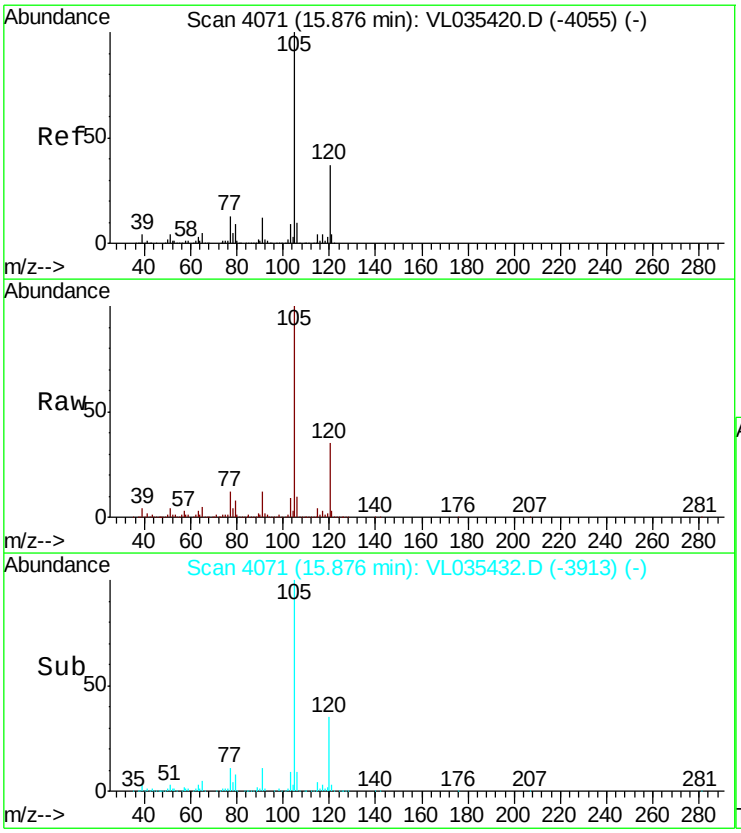
#71
2-Chlorotoluene
Concen: 4.653 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. 0.12 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion: 91 Resp: 2663756

Ion	Ratio	Lower	Upper
91	100		
126	0.1	11.4	45.6#

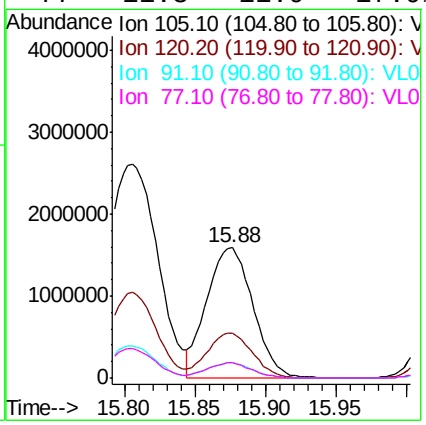


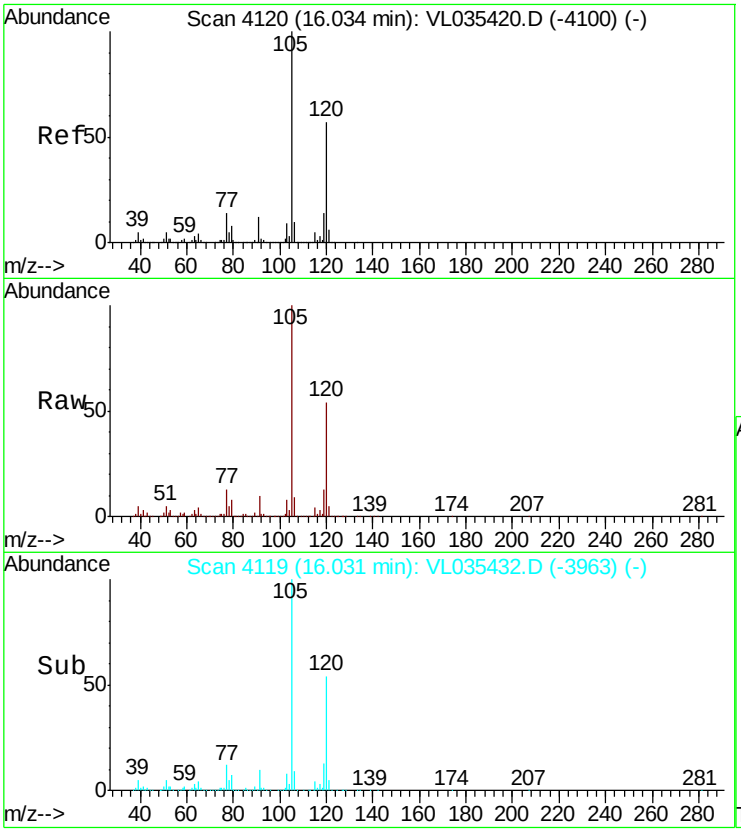


#72
4-Ethyltoluene
Concen: 5.741 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:105 Resp: 3626962

Ion	Ratio	Lower	Upper
105	100		
120	34.6	22.7	34.1#
91	11.5	10.8	16.2
77	11.3	11.9	17.9#



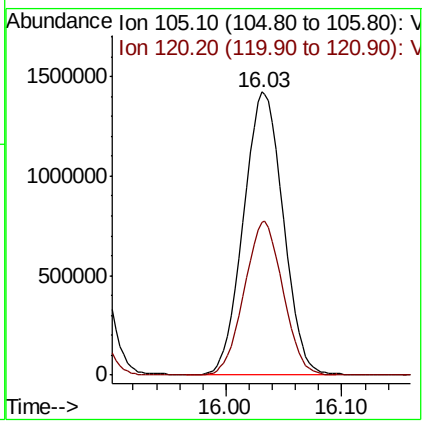


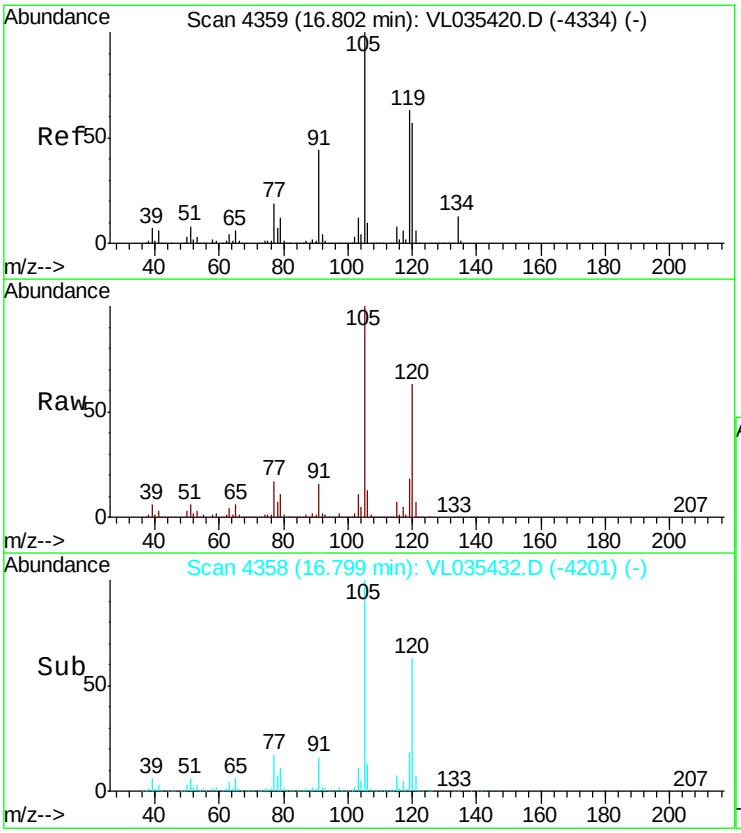
#73
1,3,5-Trimethylbenzene
Concen: 5.741 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:105 Resp: 3374690

Ion	Ratio	Lower	Upper
105	100		
120	54.2	35.6	53.4#

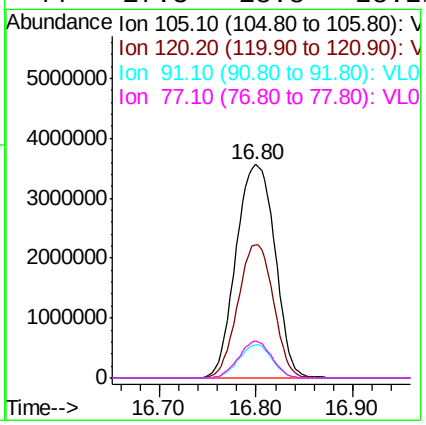


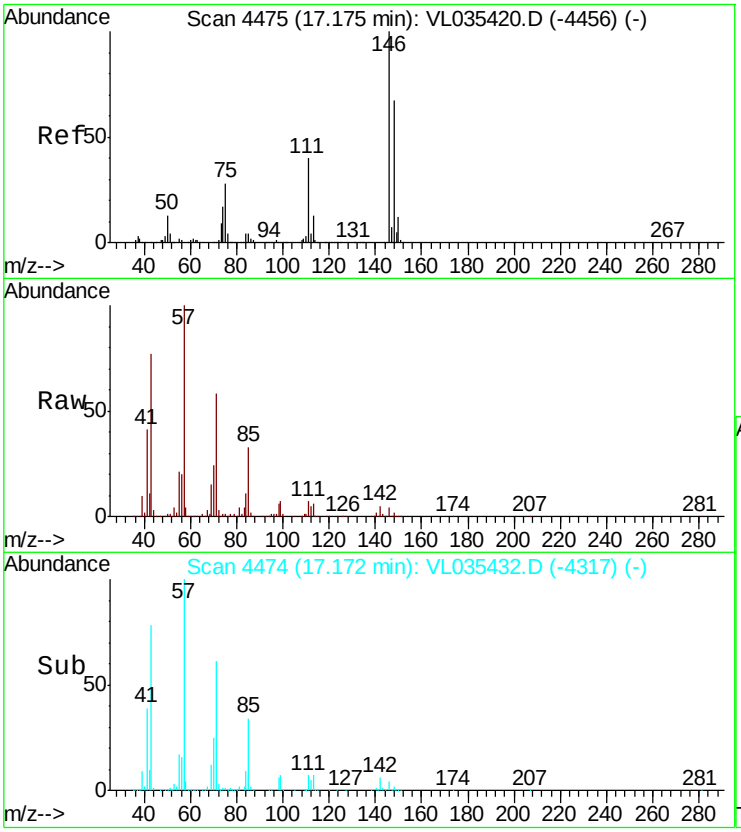


#74
1,2,4-Trimethylbenzene
Concen: 15.572 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:105 Resp: 9945441

Ion	Ratio	Lower	Upper
105	100		
120	62.5	37.8	56.8#
91	15.5	40.0	60.0#
77	17.3	18.8	28.2#



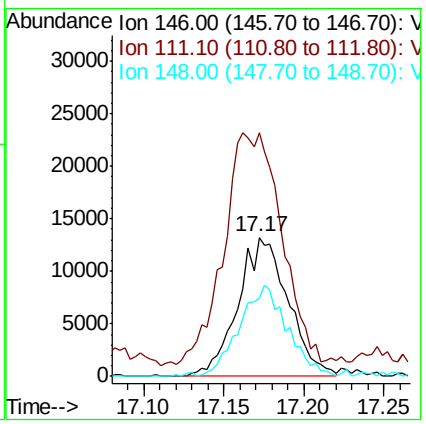


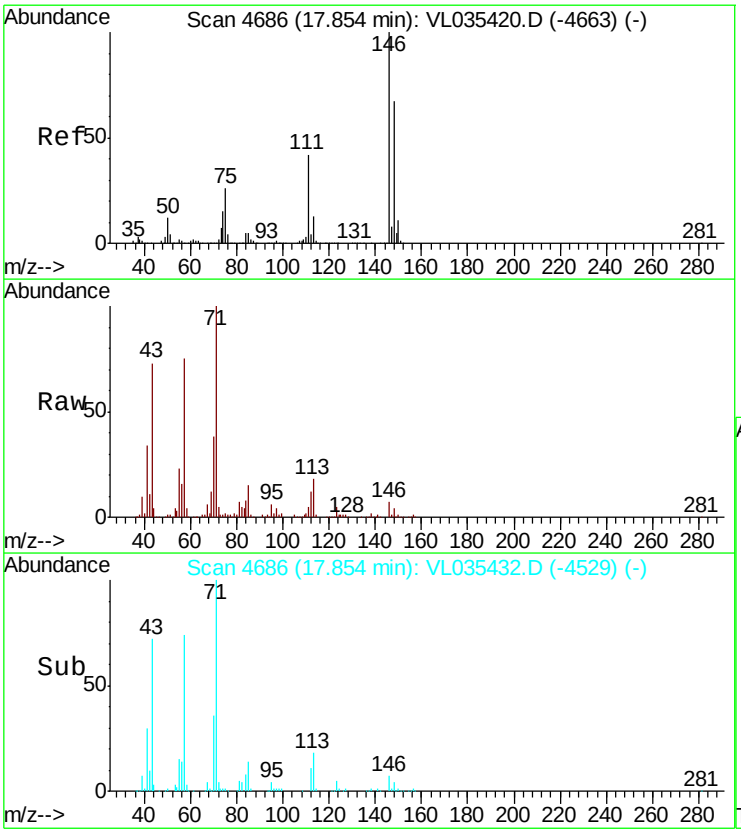
#76
1,4-Dichlorobenzene
Concen: 0.058 ppbv
RT: 17.17 min Scan# 4474
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:146 Resp: 28367

Ion	Ratio	Lower	Upper
146	100		
111	191.0	24.8	74.4#
148	63.6	32.1	96.3

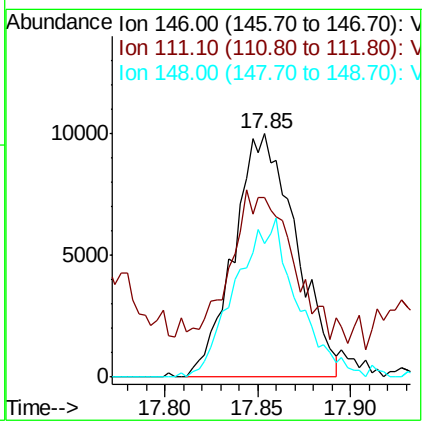


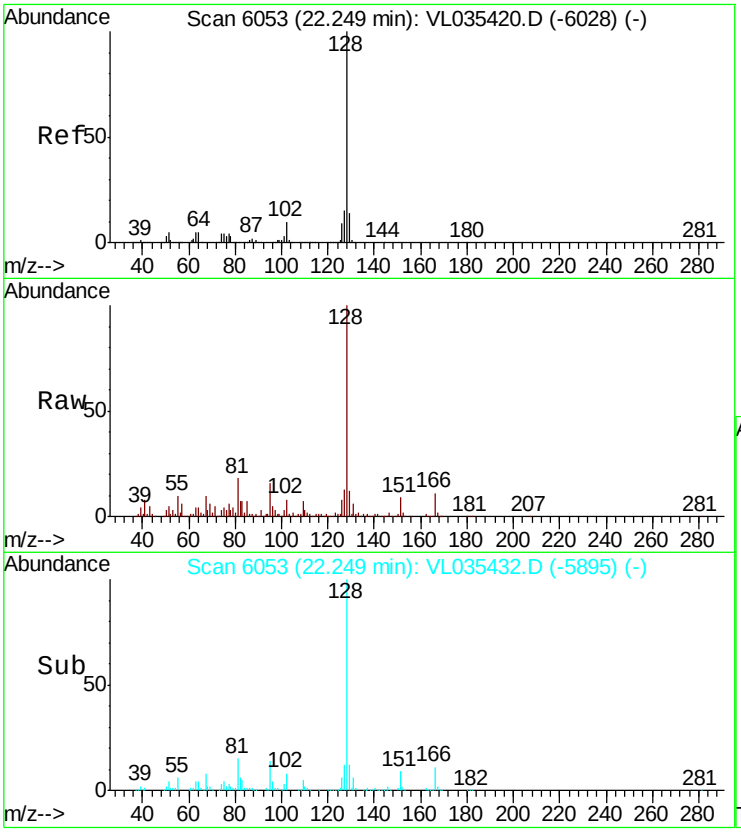


#77
1,2-Dichlorobenzene
Concen: 0.048 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:146 Resp: 23195

Ion	Ratio	Lower	Upper
146	100		
111	63.9	26.3	78.9
148	65.9	32.0	96.0



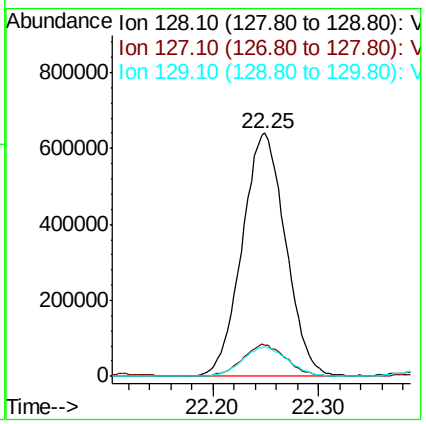


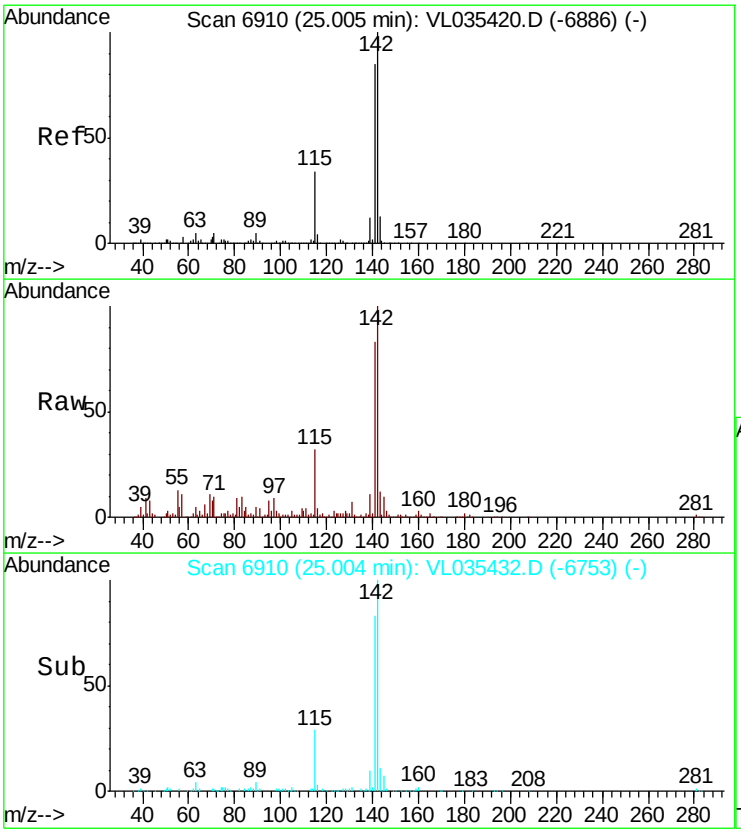
#79
Naphthalene
Concen: 2.041 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Instrument : MSVOA_L
ClientSampleId : K-1

Tgt Ion:128 Resp: 1835243

Ion	Ratio	Lower	Upper
128	100		
127	12.9	11.4	17.0
129	12.4	9.5	14.3





#80
Naphthalene,2-methyl-
Concen: 1.158 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.01 min
Lab File: VL035432.D
Acq: 18 Aug 2020 1:09

Tgt Ion:142 Resp: 430546

Ion	Ratio	Lower	Upper
142	100		
141	84.2	67.1	100.7
115	44.2	36.1	54.1