Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082020\

Quantitation Report (Not Reviewed)

Data File : VL035488.D
Acq On : 21 Aug 2020 7:28
Operator : SY/AP
Sample : L3743-04DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Quant Time: Aug 21 08:56:22 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	5.67	49	1044225	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4702937	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	4645123	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	3360805	10.33	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	64864	0.335	ppbv		97
3) Chlorodifluoromethane	2.96	51	13615201	103.990	ppbv	#	59
4) Chloromethane	3.14	50	27393	0.402	ppbv	#	87
9) Propene	3.01	41	695952	13.224	ppbv	#	76
10) Heptane	8.13	43	130353	0.945	ppbv	#	80
11) Trichlorofluoromethane	3.95	101	141545	0.466	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	13377	0.059	ppbv	#	53
13) Ethanol	3.62	45	4872894	252.730	ppbv		95
15) Acetone	3.84	43	3711845	30.883	ppbv	#	79
16) 1,3-Butadiene	3.30	39	54601	1.120	ppbv	#	35
17) tert-Butyl alcohol	4.32	59	202680	1.305	ppbv		99
19) Isopropyl Alcohol	3.99	45	659462	7.961	ppbv	#	1
20) Methylene Chloride	4.34	84	2121691	21.879	ppbv	#	65
21) Allyl Chloride	4.36	41	14314	0.234	ppbv	#	28
23) Vinyl Acetate	5.06	43	53850	0.313	ppbv	#	1
25) Ethyl Acetate	5.69	43	564071	2.412	ppbv	#	79
26) Hexane	5.69	57	1005689	7.620	ppbv	#	30
27) Carbon Disulfide	4.55	76	119981	0.629	ppbv	#	88
29) Chloroform	5.76	83	253806	0.957	ppbv		98
30) Cyclohexane	7.14	84	98295	0.671	ppbv	#	60
32) 1,1,1-Trichloroethane	6.52	97	25438	0.102	ppbv		92
34) 2-Butanone	5.25	43	759478	4.833	ppbv	#	74
35) Carbon Tetrachloride	7.02	117	26630	0.106	ppbv		95
36) Benzene	6.90	78	398037	1.153	ppbv	#	91
38) Trichloroethene	7.84	130	10628682	55.357	ppbv		90
39) 1,2-Dichloropropane	7.84	63	45930	0.404	ppbv	#	1
41) Tetrahydrofuran	6.06	42	196627	2.269	ppbv	#	61
43) Methyl Methacrylate	8.02	69	4616	0.034	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.88	57	326755	0.725	ppbv	#	91
50) 4-Methyl-2-Pentanone	8.77	43	81365	0.361	ppbv	#	82
51) 2-Hexanone	10.15	43	40305	0.212	ppbv	#	29
52) Tetrachloroethene	11.24	164	7918567	37.610	ppbv		93
53) Toluene	9.82	91	2945854	6.626	ppbv		100
58) Ethyl Benzene	12.73	91	689633	1.230	ppbv		93
59) m/p-Xylene	12.99	91	2190924	4.622	ppbv	#	84
60) o-Xylene	13.71	91	841869	1.827	ppbv		89
61) Styrene	13.55	104	75001	0.201	ppbv	#	24
62) Isopropylbenzene	14.69	105	81386	0.108	ppbv		93
64) n-propylbenzene	15.58	120	98559	0.423	ppbv		70
65) tert-Butylbenzene	16.78	119	297185	0.405	ppbv	#	92
66) Benzyl Chloride	16.78	91	257052	1.456	ppbv	#	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082020\

Quantitation Report (Not Reviewed)

Data File : VL035488.D
Acq On : 21 Aug 2020 7:28
Operator : SY/AP
Sample : L3743-04DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Quant Time: Aug 21 08:56:22 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)
67) sec-Butylbenzene	17.32	105	80616	0.083	ppbv		93
69) p-Isopropyltoluene	17.56	119	123011	0.144	ppbv		94
70) n-Butylbenzene	18.58	91	202802	0.251	ppbv	#	80
71) 2-Chlorotoluene	15.58	91	396122	0.723	ppbv	#	47
72) 4-Ethyltoluene	15.86	105	611606	1.012	ppbv	#	93
73) 1,3,5-Trimethylbenzene	16.02	105	612472	1.089	ppbv		88
74) 1,2,4-Trimethylbenzene	16.78	105	2438939	3.990	ppbv	#	71
79) Naphthalene	22.23	128	1055184	1.226	ppbv		97
80) Naphthalene,2-methyl-	24.99	142	339601	0.955	ppbv		96

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

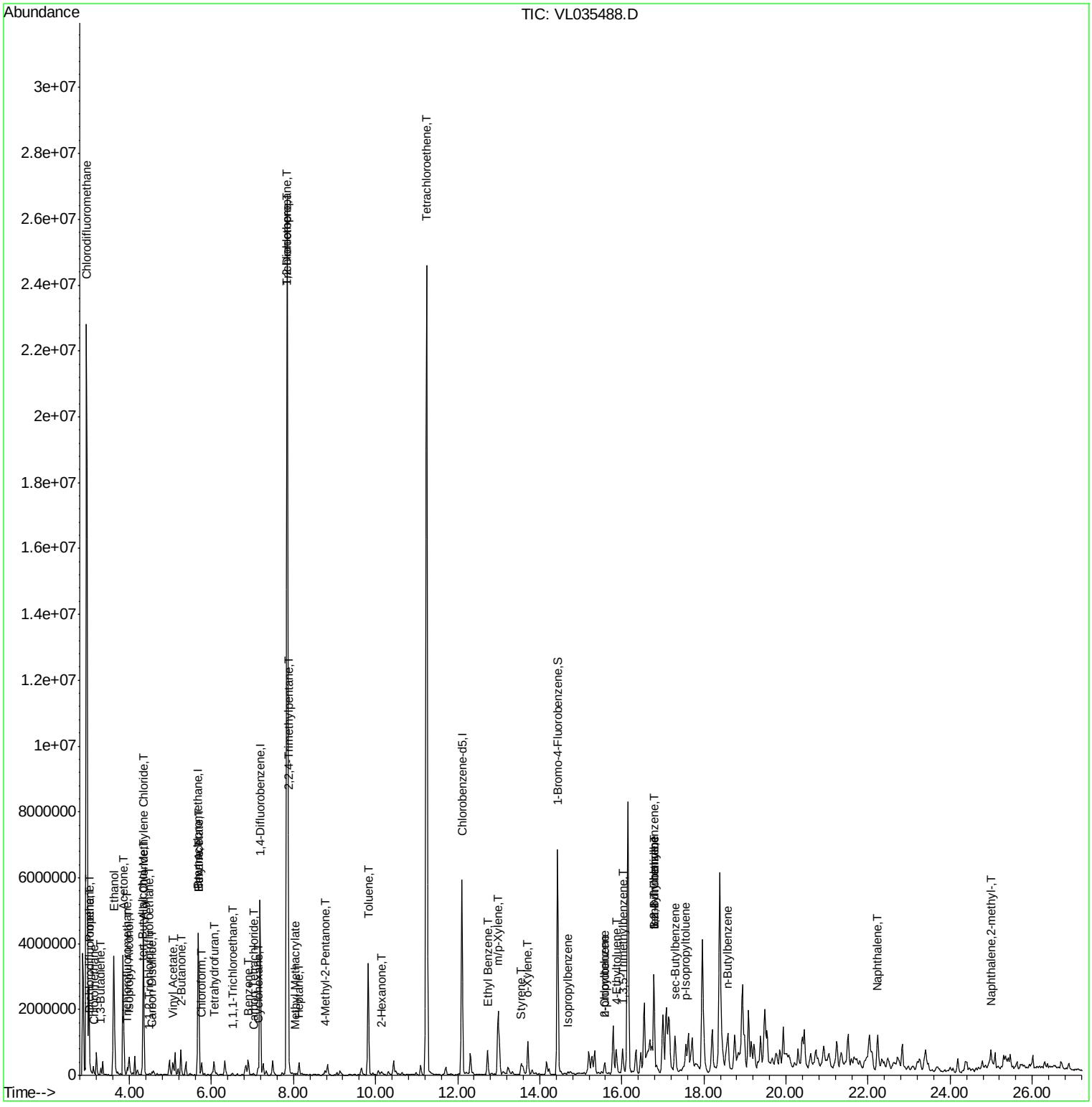
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082020\

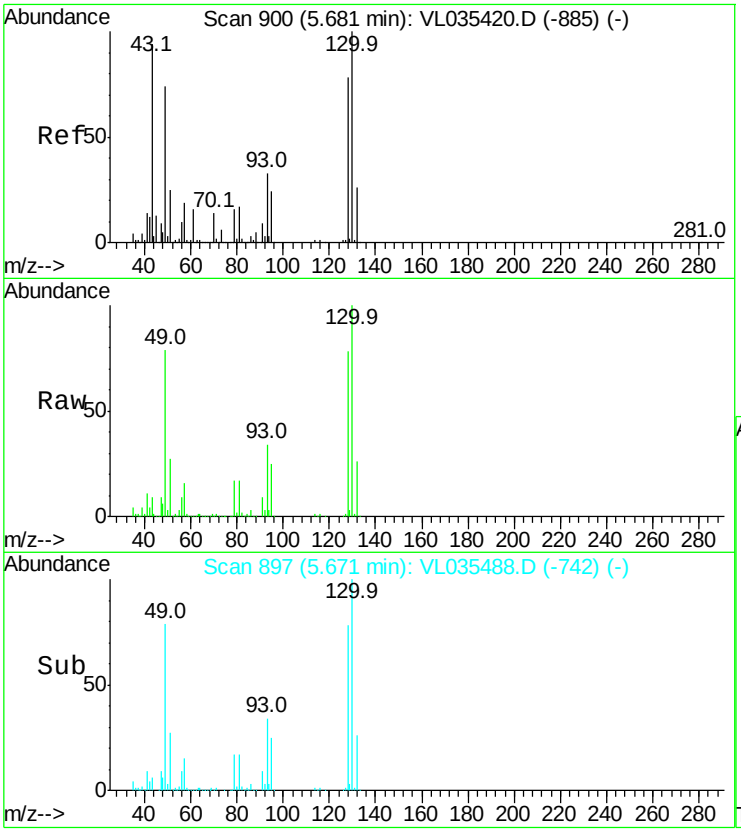
Quantitation Report (Not Reviewed)

Data File : VL035488.D
Acq On : 21 Aug 2020 7:28
Operator : SY/AP
Sample : L3743-04DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Quant Time: Aug 21 08:56:22 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



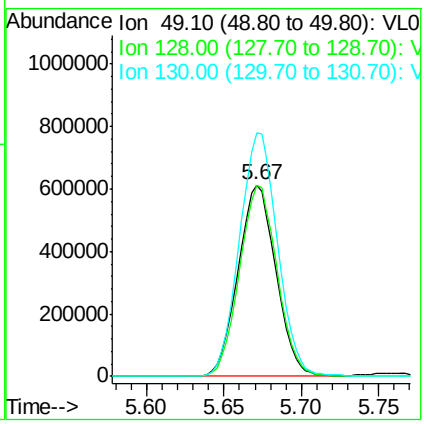


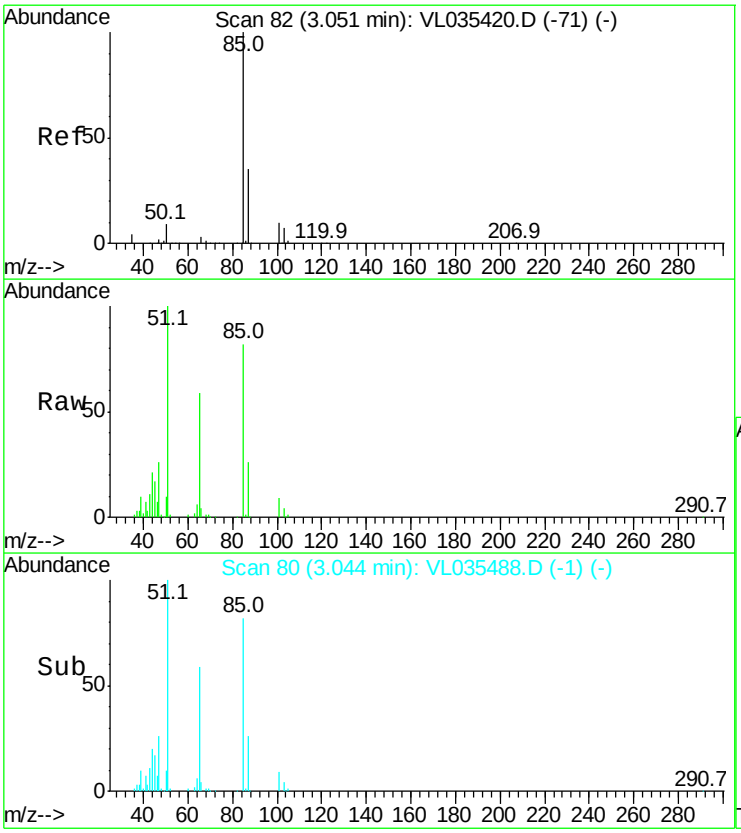
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 49 Resp: 1044225

Ion	Ratio	Lower	Upper
49	100		
128	99.4	20.9	62.7#
130	128.6	26.7	80.1#

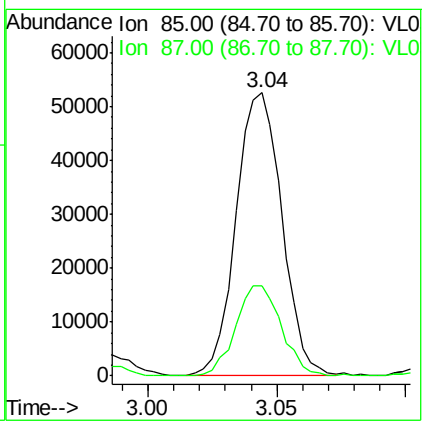


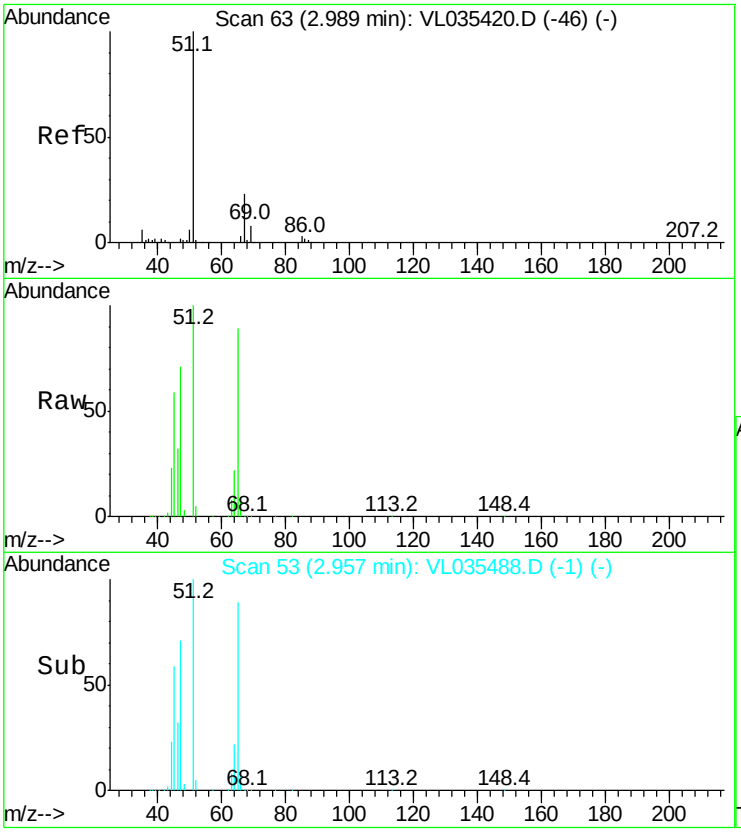


#2
Dichlorodifluoromethane
Concen: 0.335 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 85 Resp: 64864

Ion	Ratio	Lower	Upper
85	100		
87	32.0	27.1	40.7



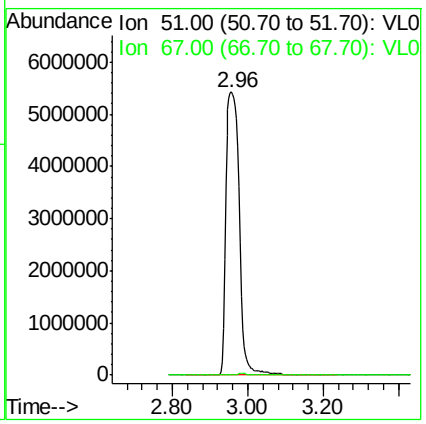


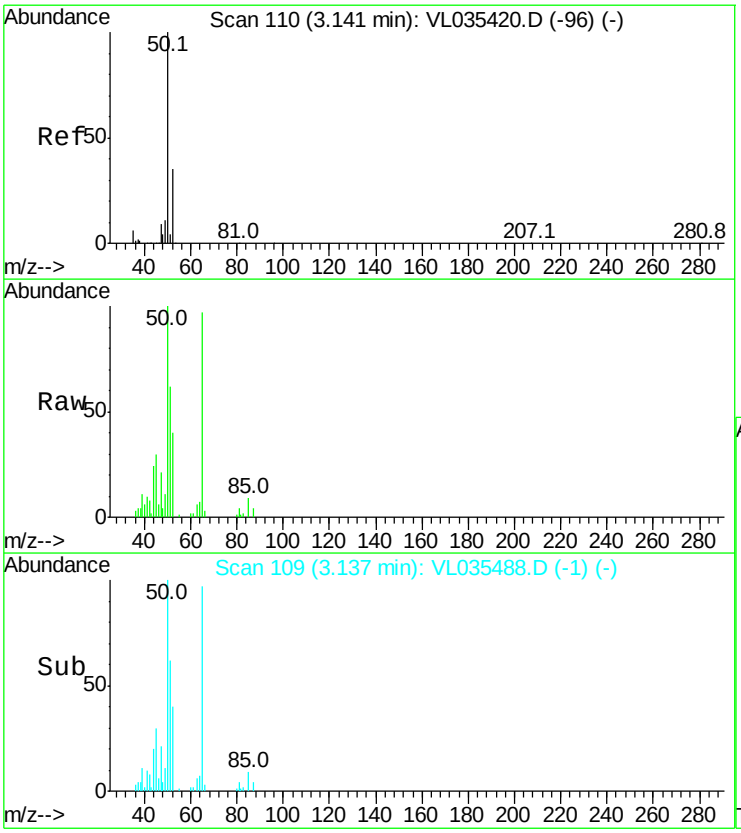
#3
Chlorodifluoromethane
Concen: 103.990 ppbv
RT: 2.96 min Scan# 53
Delta R.T. -0.03 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 51 Resp:13615201

Ion	Ratio	Lower	Upper
51	100		
67	0.5	15.0	22.6#

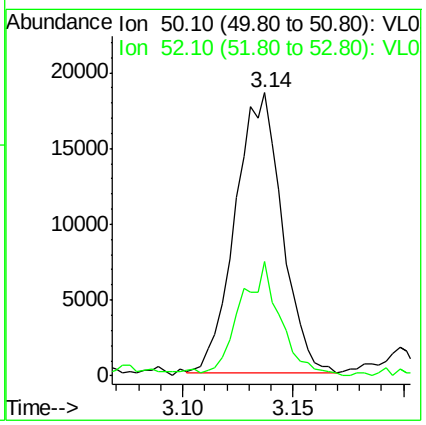


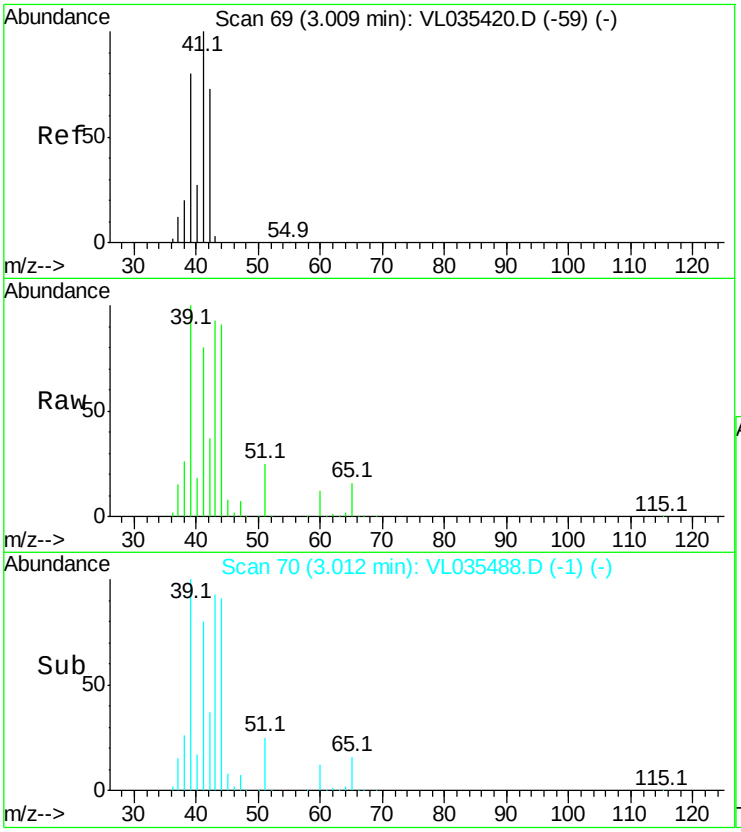


#4
Chloromethane
Concen: 0.402 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 50 Resp: 27393

Ion	Ratio	Lower	Upper
50	100		
52	39.5	25.9	38.9#



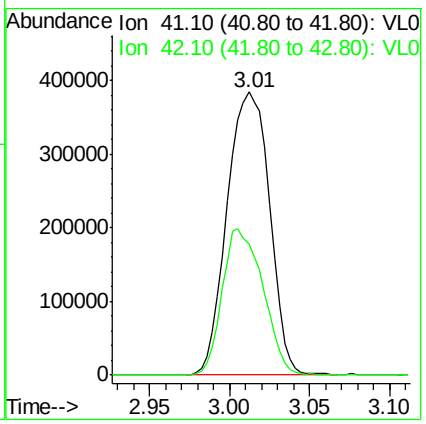


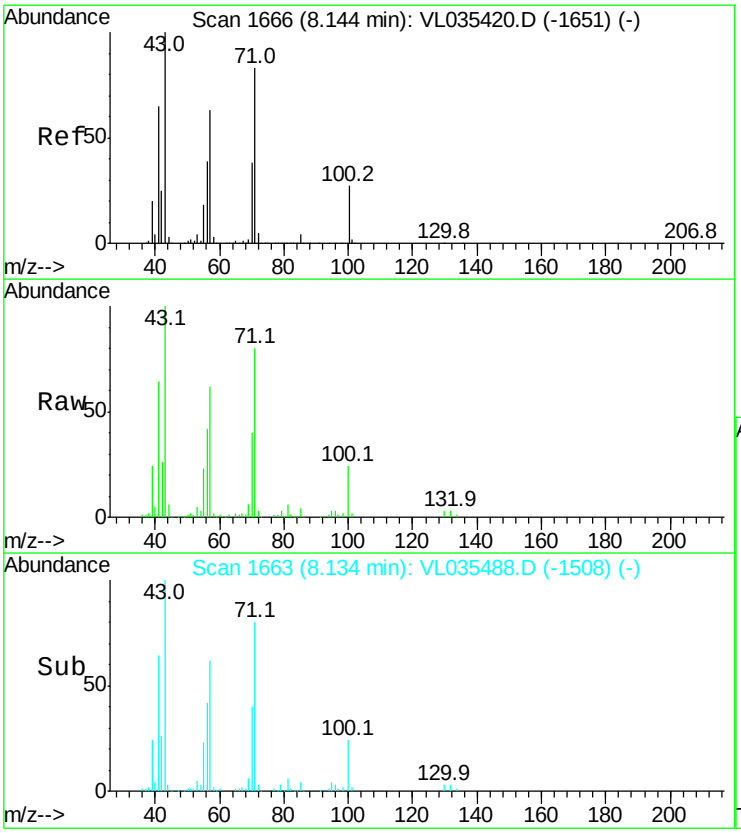
#9
Propene
Concen: 13.224 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 41 Resp: 695952

Ion	Ratio	Lower	Upper
41	100		
42	49.7	55.5	83.3#

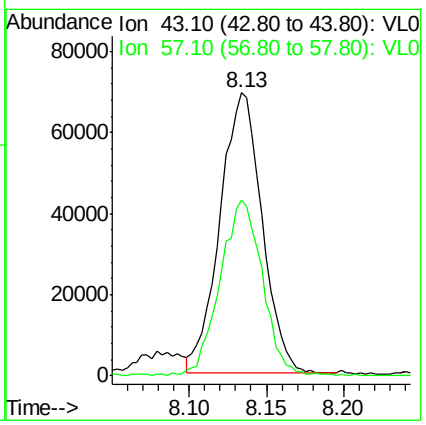


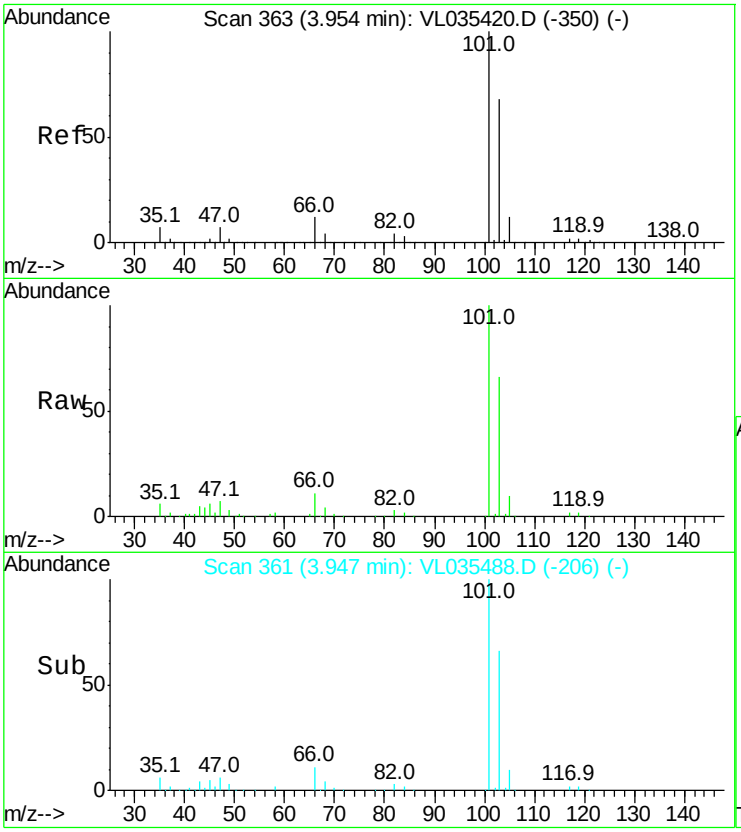


#10
Heptane
Concen: 0.945 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 43 Resp: 130353

Ion	Ratio	Lower	Upper
43	100		
57	63.6	39.8	59.6#



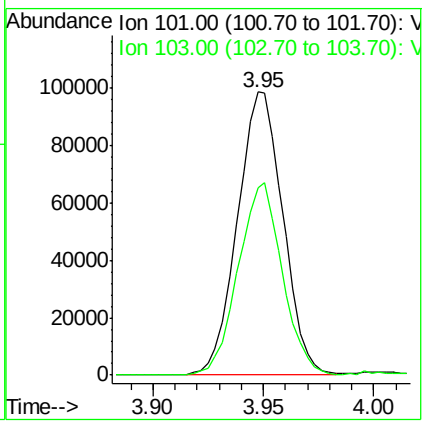


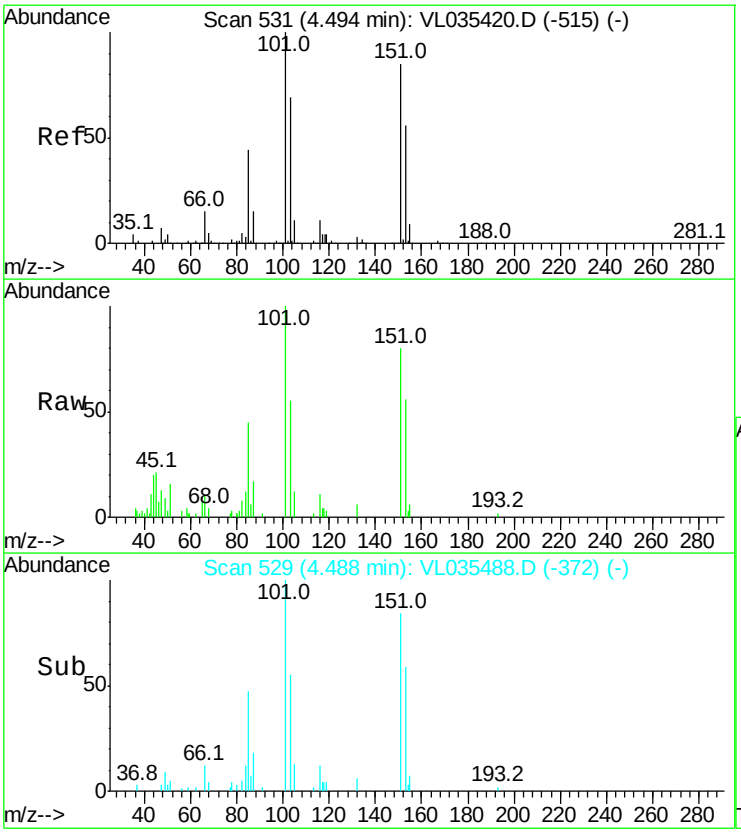
#11
Trichlorofluoromethane
Concen: 0.466 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:101 Resp: 141545

Ion	Ratio	Lower	Upper
101	100		
103	66.3	52.6	78.8

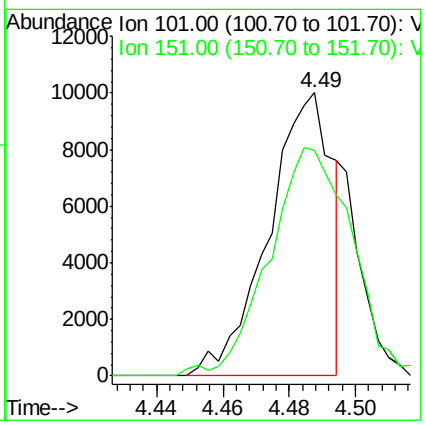


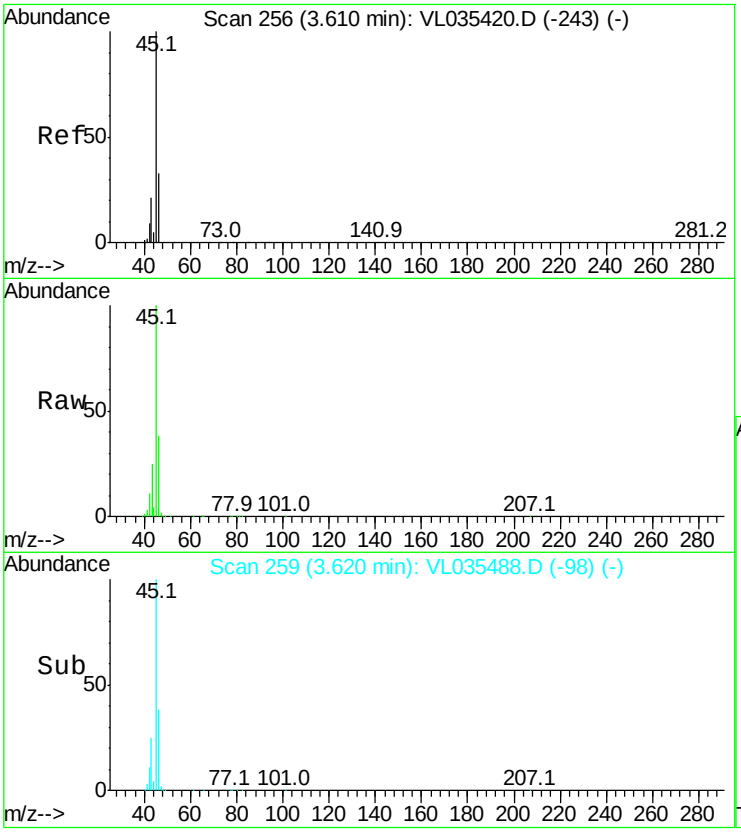


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.059 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:101 Resp: 13377

Ion	Ratio	Lower	Upper
101	100		
151	104.9	53.6	80.4#



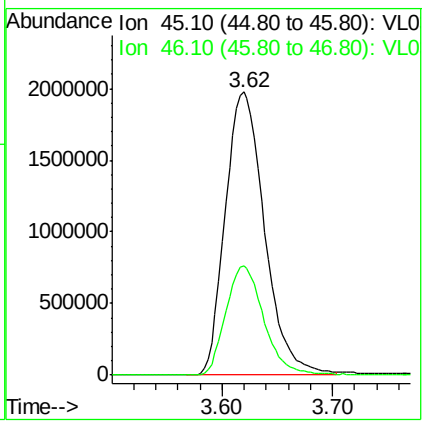


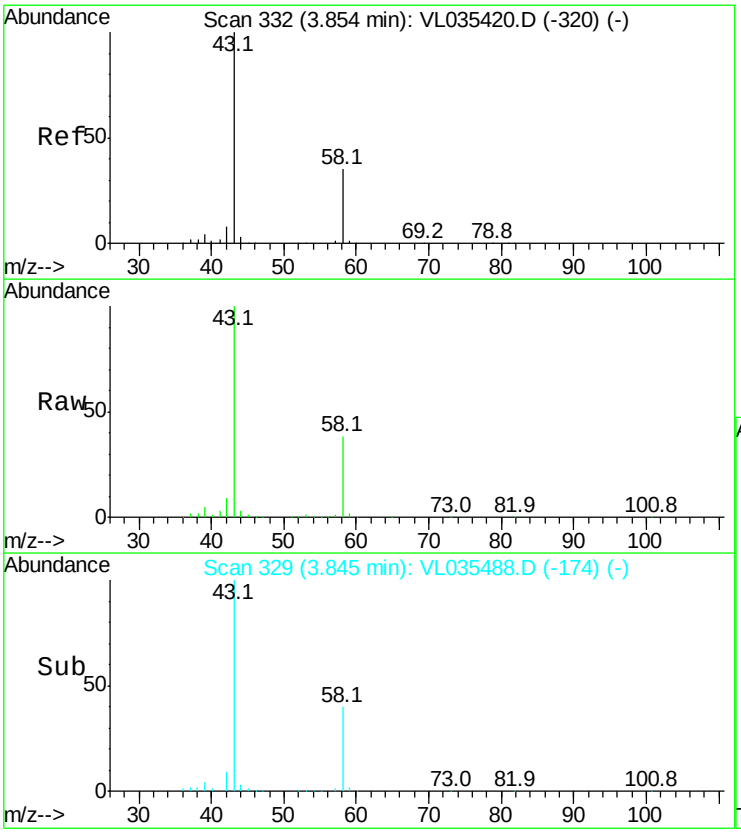
#13
Ethanol
Concen: 252.730 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 45 Resp: 4872894

Ion	Ratio	Lower	Upper
45	100		
46	38.1	14.2	56.6

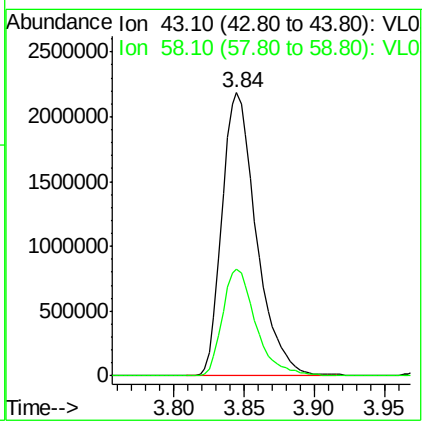


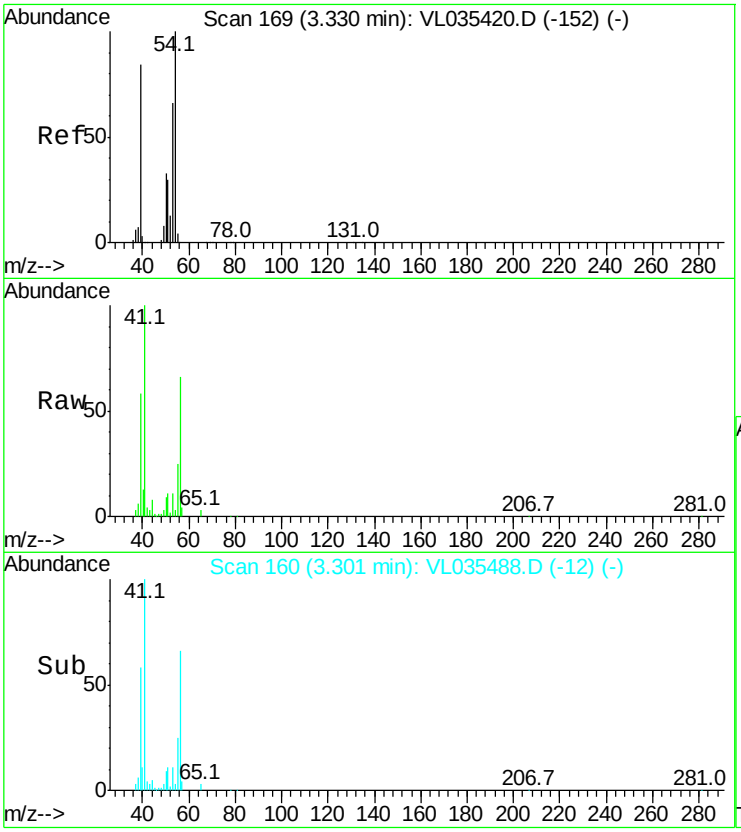


#15
Acetone
Concen: 30.883 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 43 Resp: 3711845

Ion	Ratio	Lower	Upper
43	100		
58	36.9	21.0	31.6#



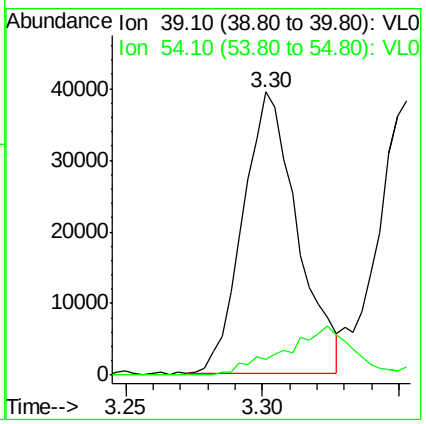


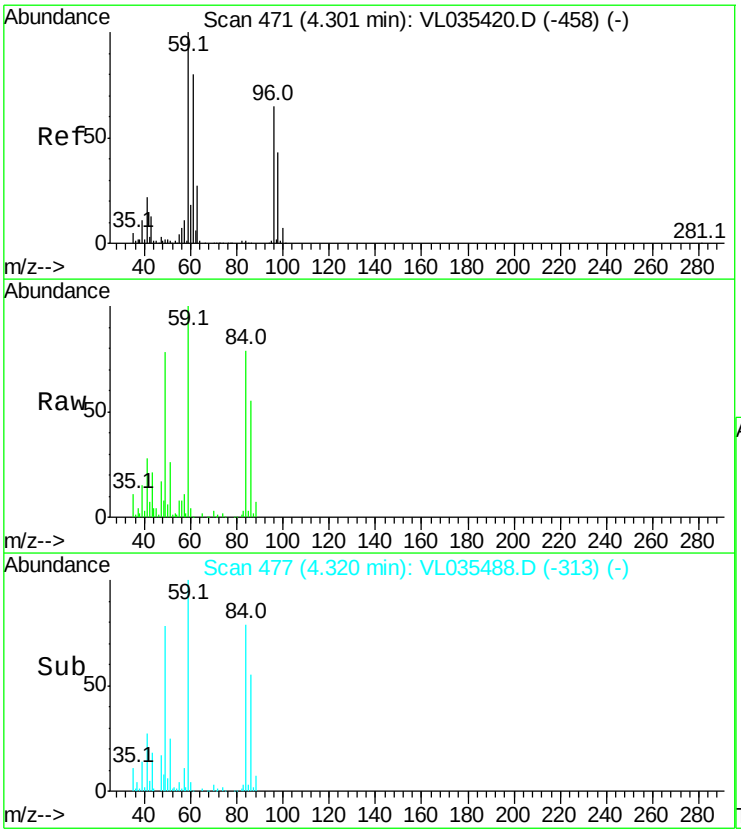
#16
1,3-Butadiene
Concen: 1.120 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.02 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 39 Resp: 54601

Ion	Ratio	Lower	Upper
39	100		
54	23.0	64.4	96.6#

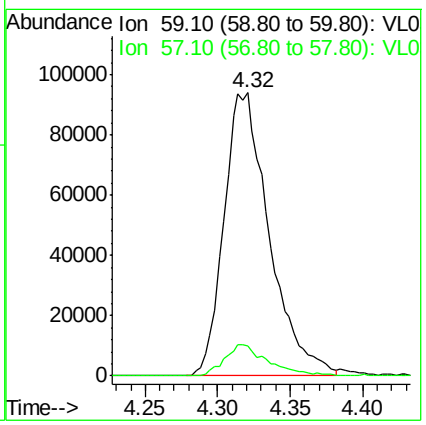


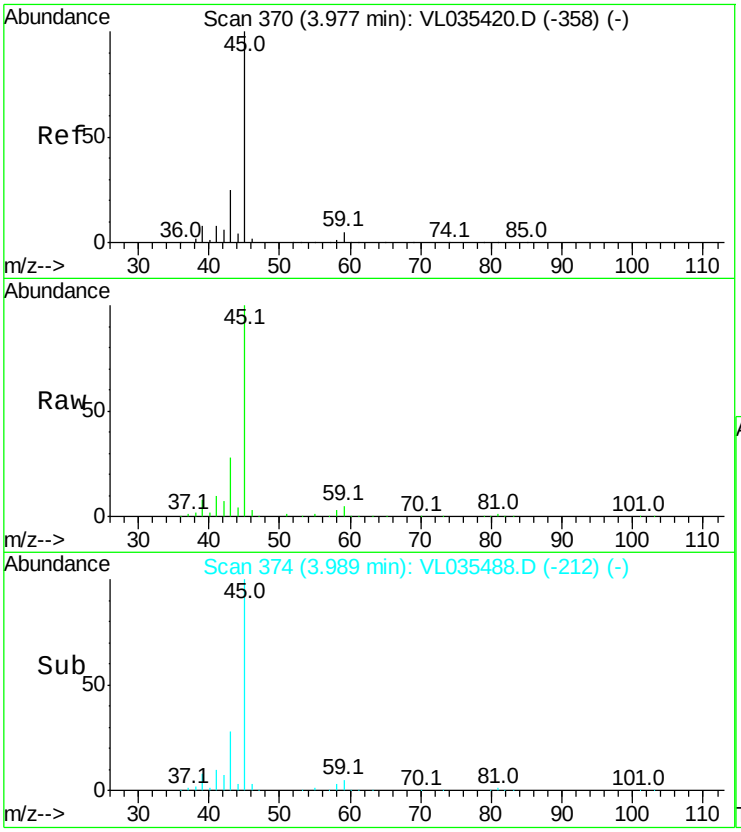


#17
tert-Butyl alcohol
Concen: 1.305 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.03 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 59 Resp: 202680

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3



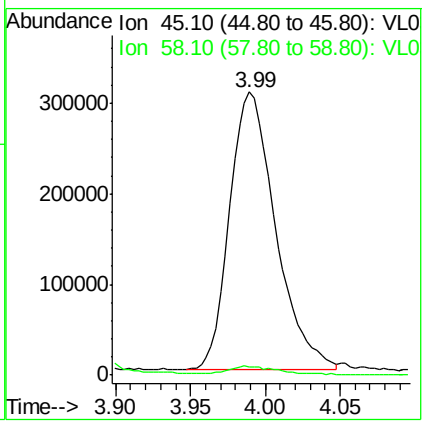


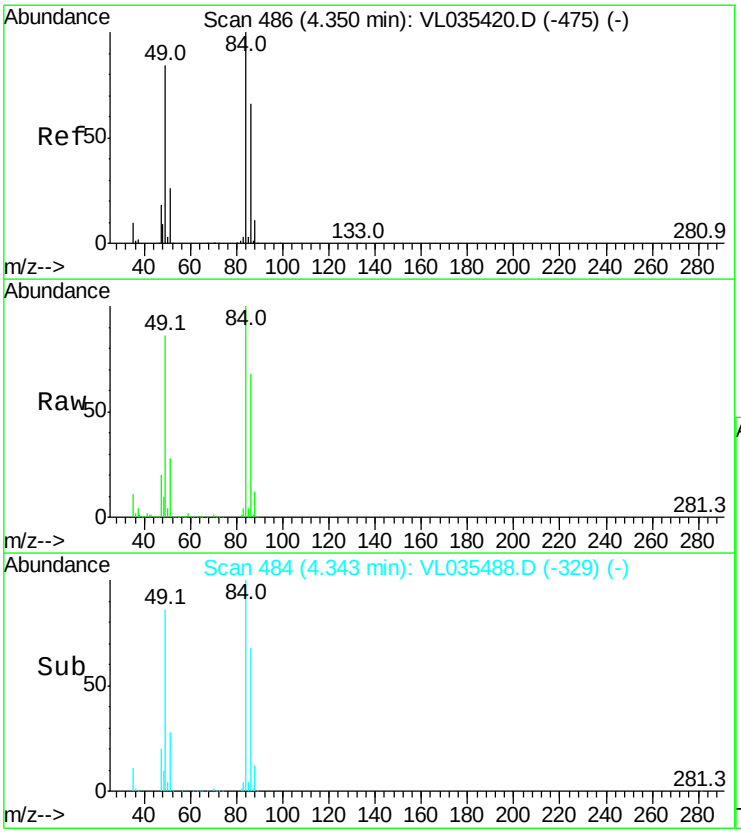
#19
Isopropyl Alcohol
Concen: 7.961 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 45 Resp: 659462

Ion	Ratio	Lower	Upper
45	100		
58	207.5	1.0	1.6#

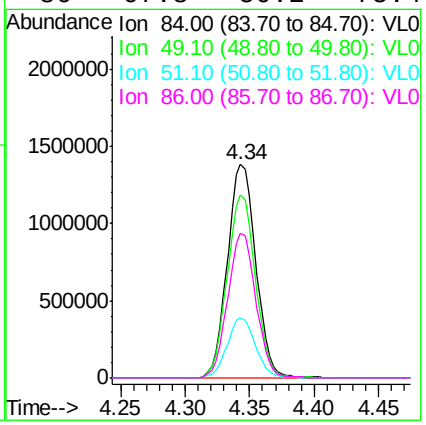


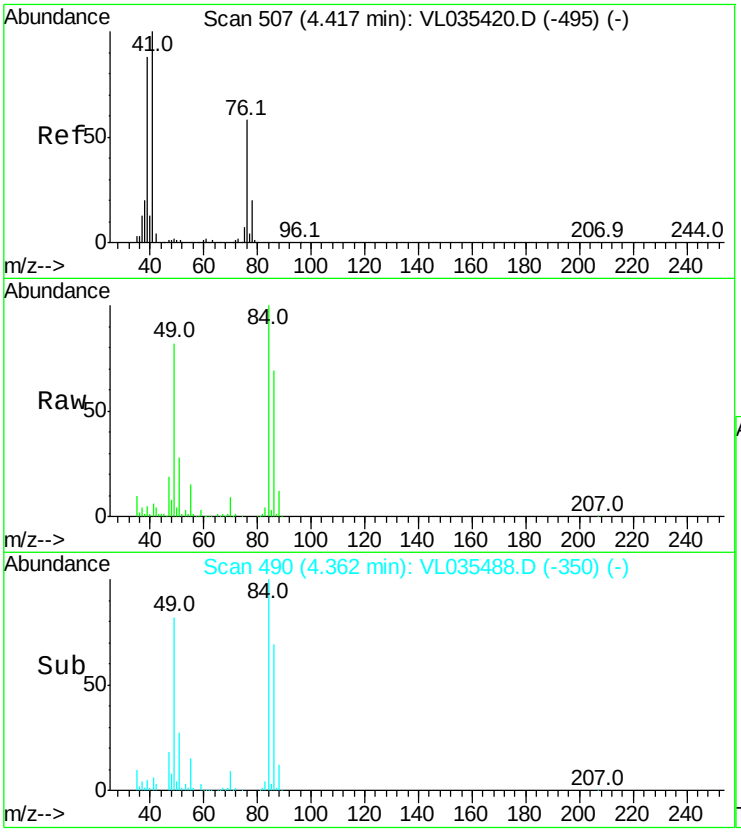


#20
Methylene Chloride
Concen: 21.879 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 84 Resp: 2121691

Ion	Ratio	Lower	Upper
84	100		
49	85.6	118.6	177.8#
51	28.0	36.4	54.6#
86	67.8	50.2	75.4



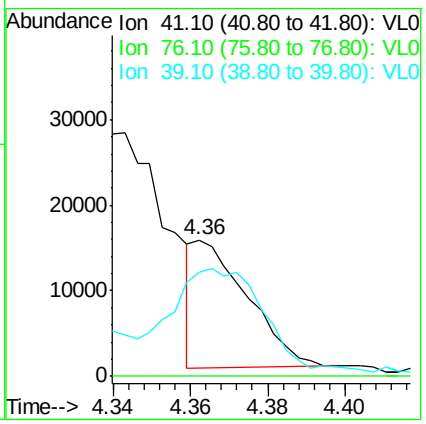


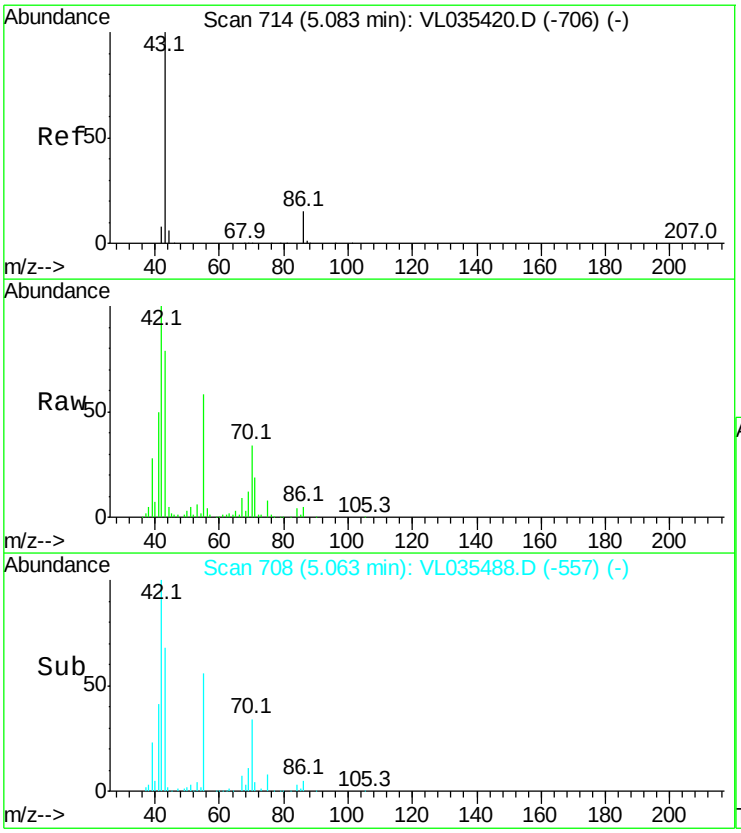
#21
Allyl Chloride
Concen: 0.234 ppbv
RT: 4.36 min Scan# 490
Delta R.T. -0.05 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 41 Resp: 14314

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	152.6	66.2	99.2#

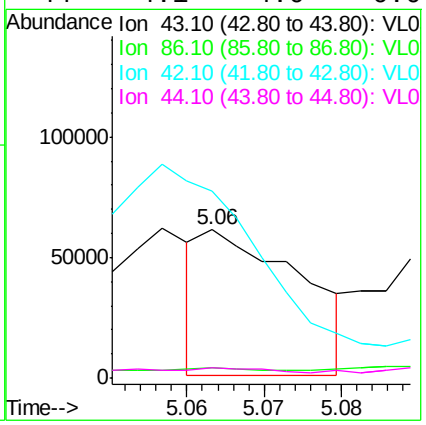


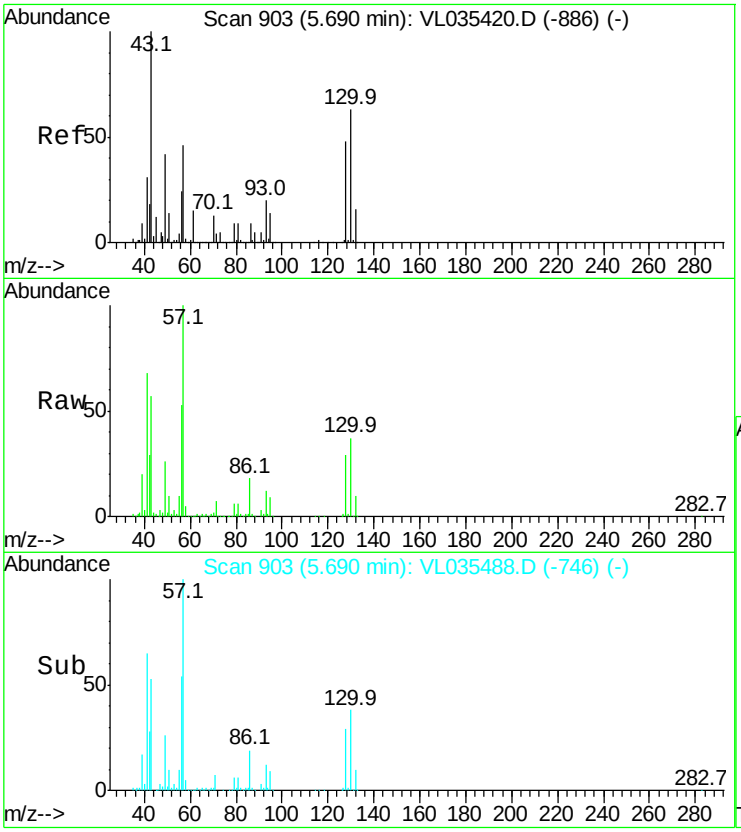


#23
Vinyl Acetate
Concen: 0.313 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 43 Resp: 53850

Ion	Ratio	Lower	Upper
43	100		
86	1.2	6.5	9.7#
42	220.6	8.3	12.5#
44	4.1	4.0	6.0



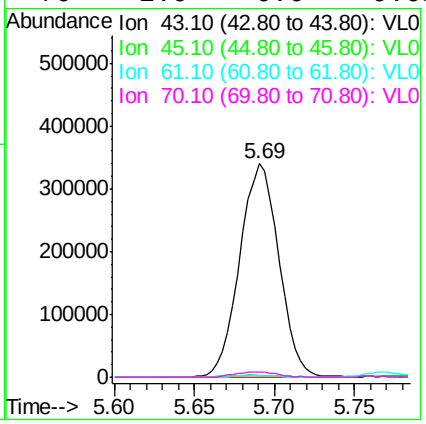


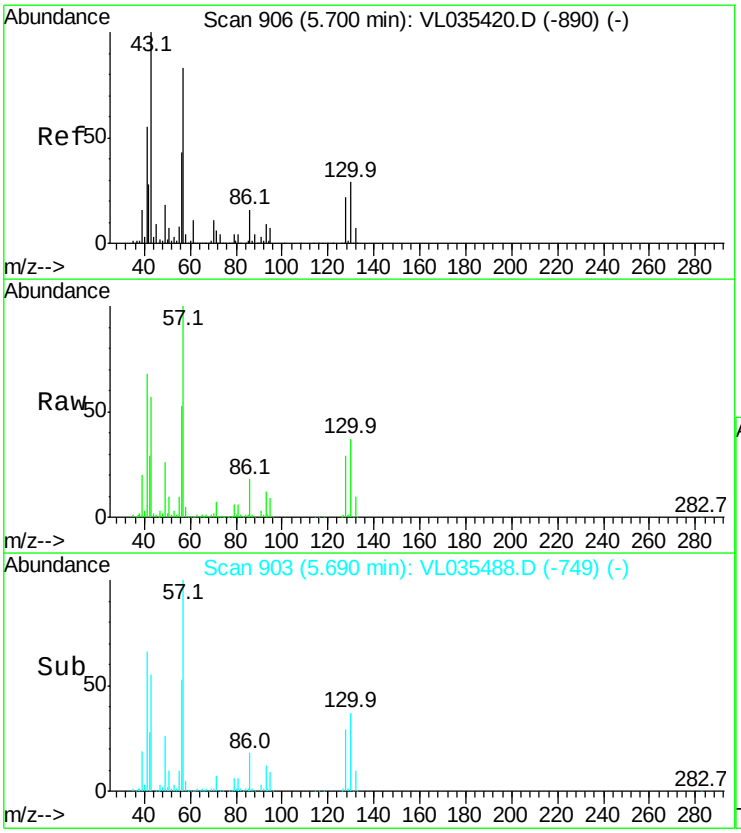
#25
Ethyl Acetate
Concen: 2.412 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 43 Resp: 564071

Ion	Ratio	Lower	Upper
43	100		
45	1.1	8.3	12.5#
61	1.0	7.6	11.4#
70	2.9	6.0	9.0#

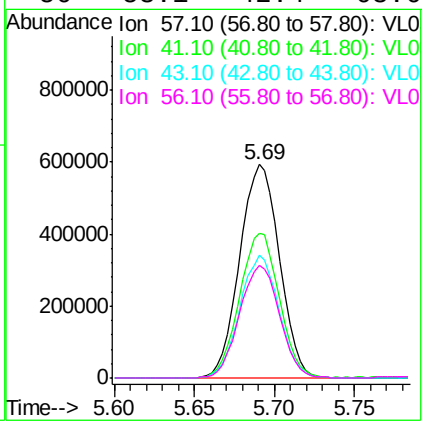


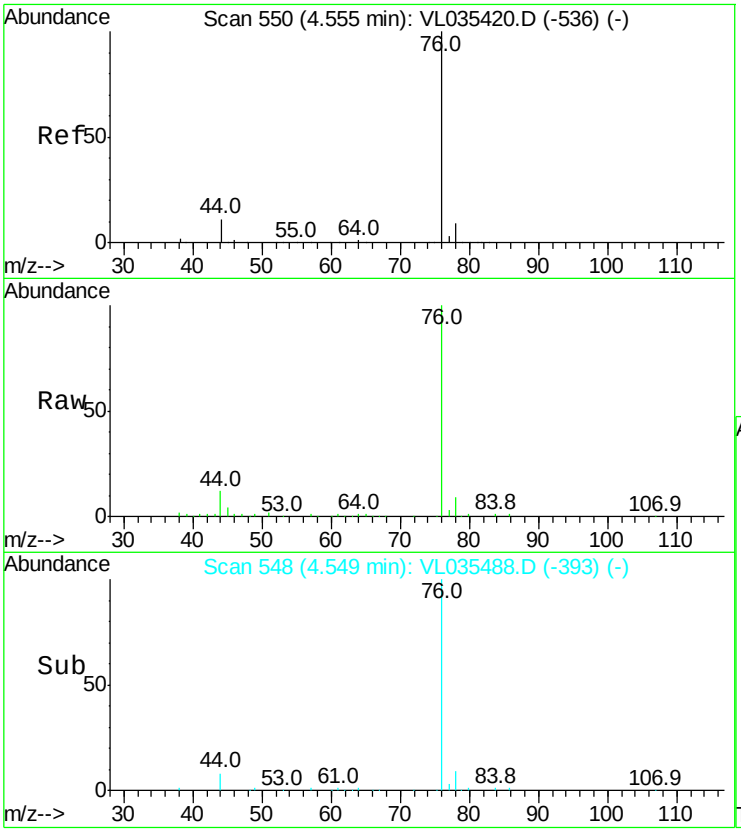


#26
Hexane
Concen: 7.620 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 57 Resp: 1005689

Ion	Ratio	Lower	Upper
57	100		
41	68.0	75.5	113.3#
43	56.2	181.7	272.5#
56	53.1	42.4	63.6



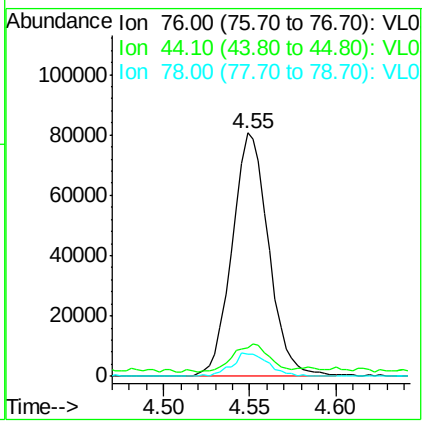


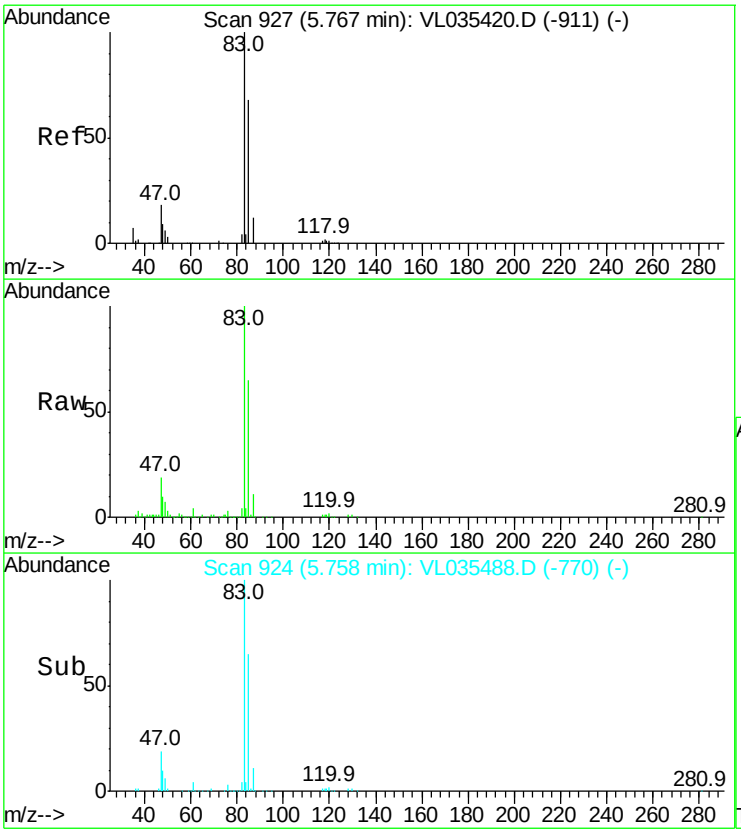
#27
Carbon Disulfide
Concen: 0.629 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 76 Resp: 119981

Ion	Ratio	Lower	Upper
76	100		
44	13.7	16.8	25.2#
78	9.8	7.3	10.9

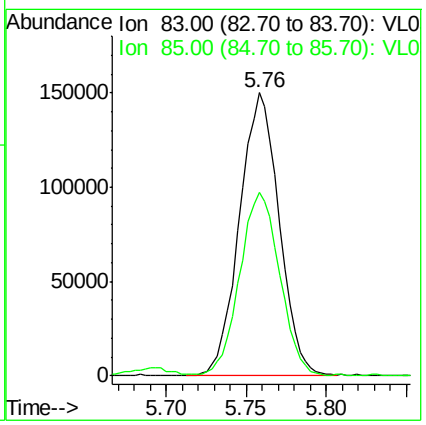


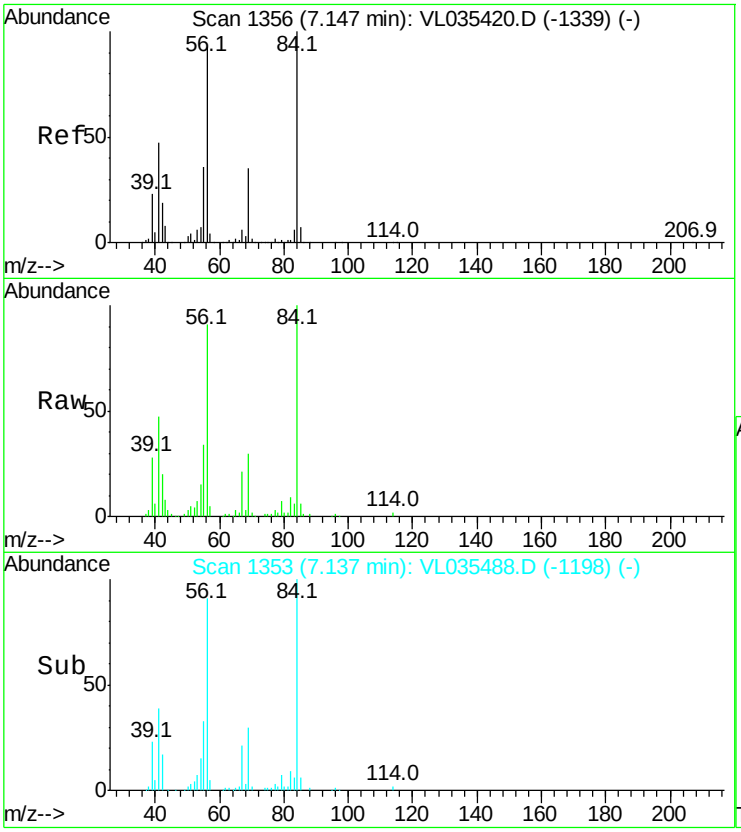


#29
Chloroform
Concen: 0.957 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 83 Resp: 253806

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.7	79.1



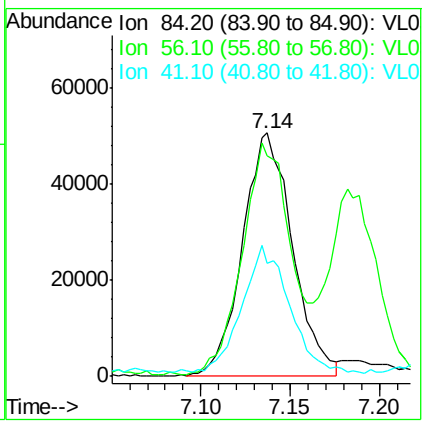


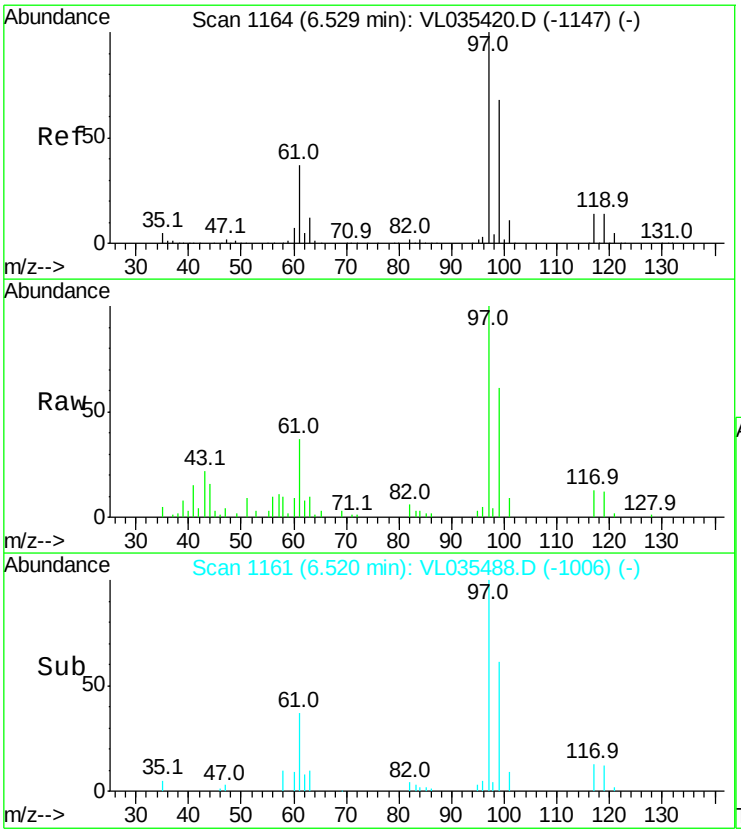
#30
Cyclohexane
Concen: 0.671 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 84 Resp: 98295

Ion	Ratio	Lower	Upper
84	100		
56	94.3	114.9	172.3#
41	52.8	72.3	108.5#

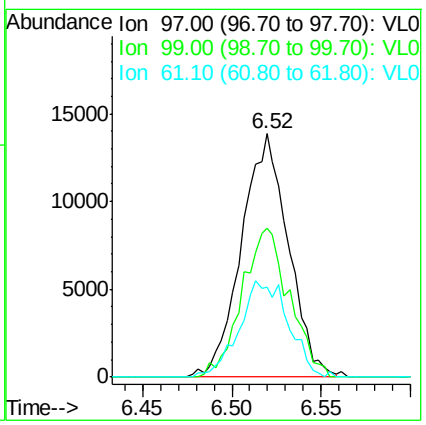


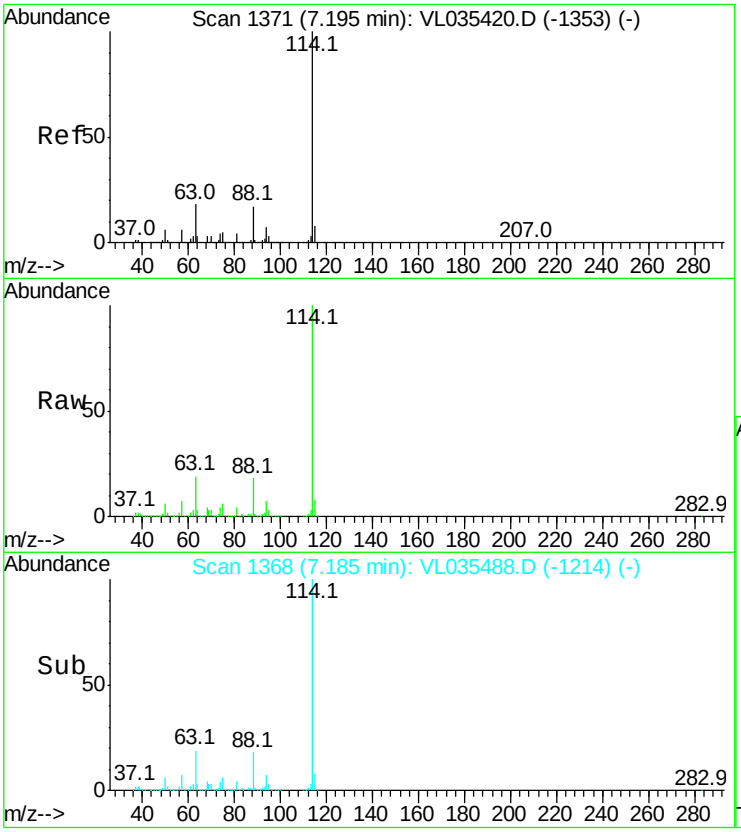


#32
1,1,1-Trichloroethane
Concen: 0.102 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 97 Resp: 25438

Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.4	77.0
61	41.4	41.0	61.6



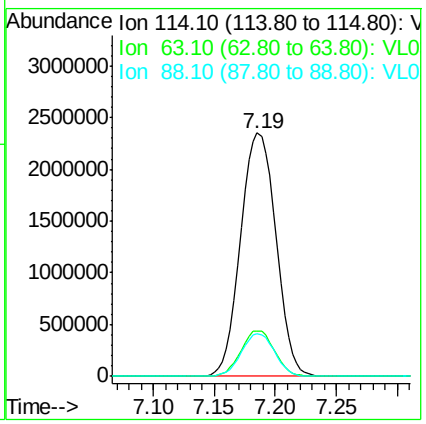


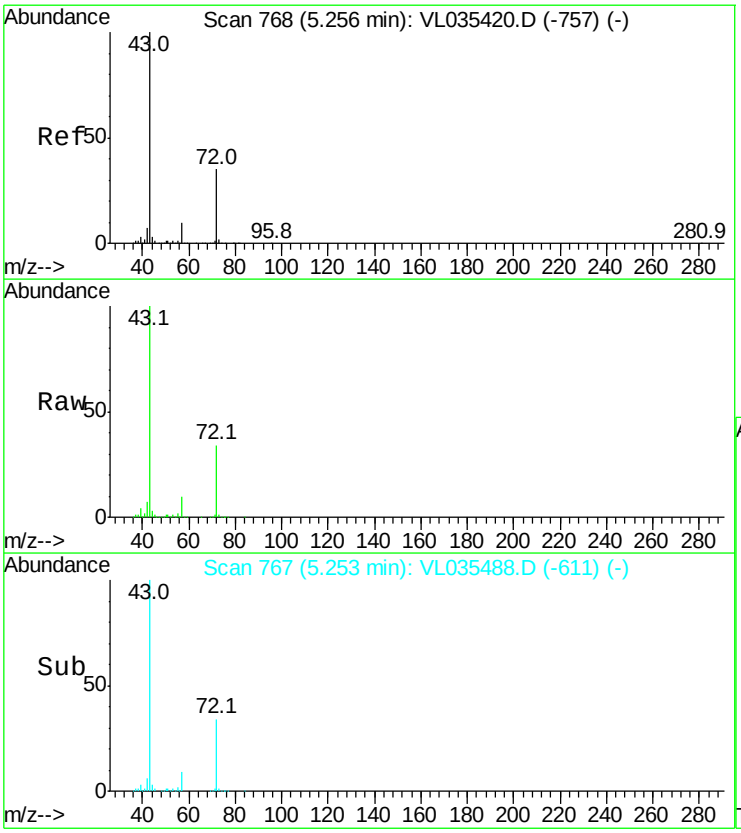
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:114 Resp: 4702937

Ion	Ratio	Lower	Upper
114	100		
63	17.9	23.1	34.7#
88	16.6	15.9	23.9

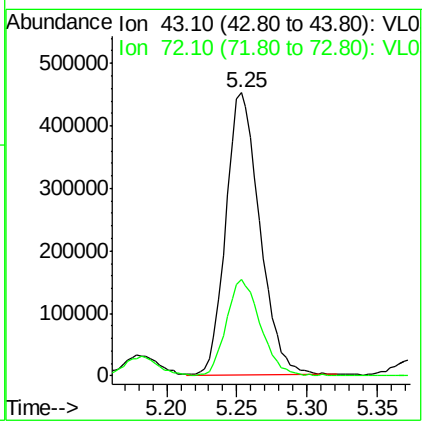


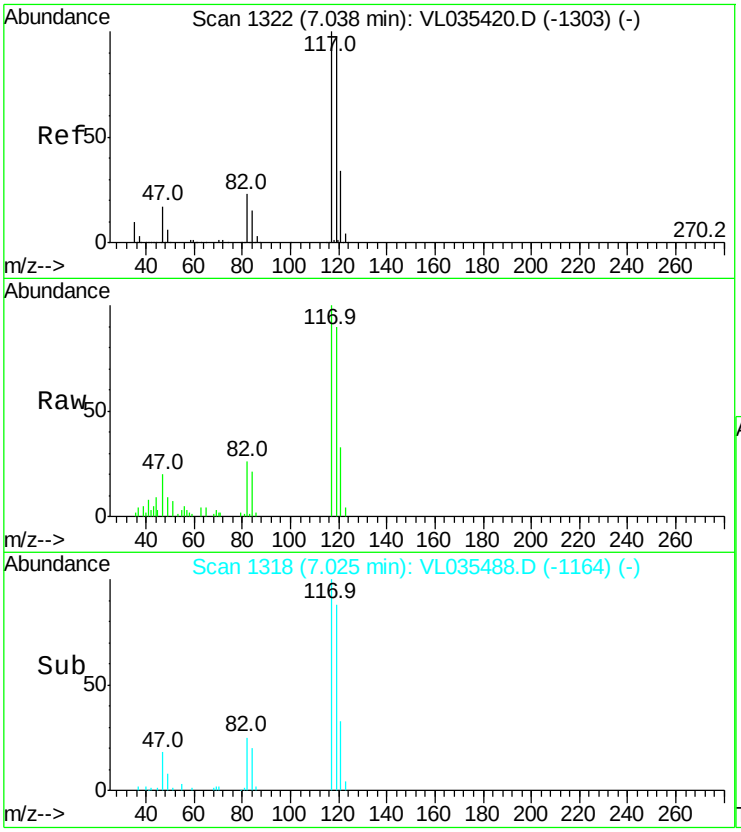


#34
2-Butanone
Concen: 4.833 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 43 Resp: 759478

Ion	Ratio	Lower	Upper
43	100		
72	34.3	17.6	26.4#



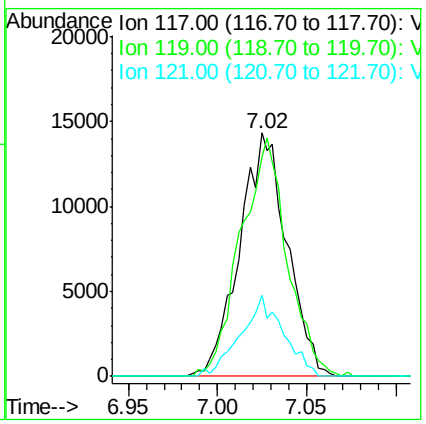


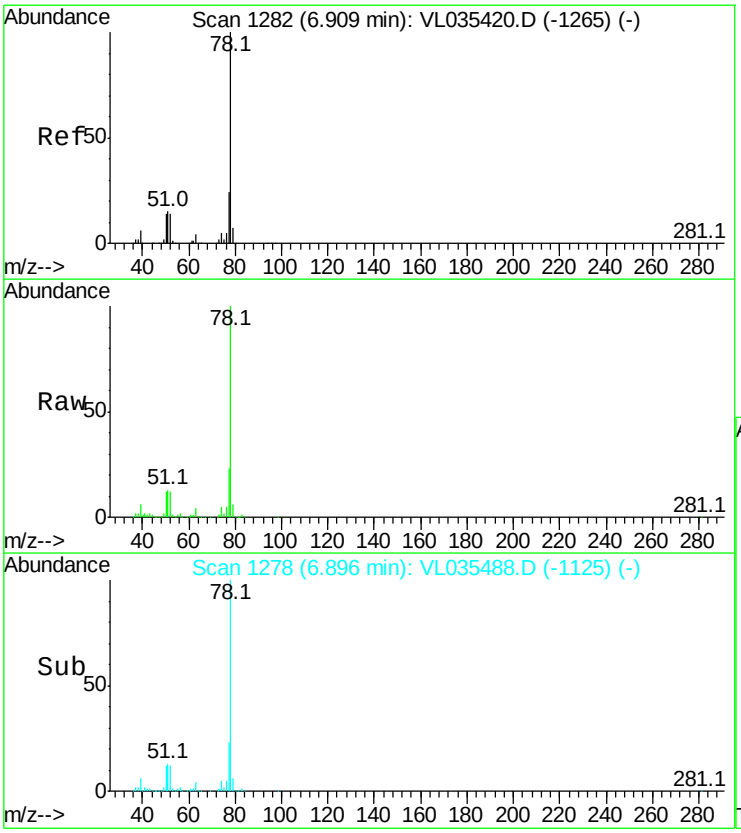
#35
Carbon Tetrachloride
Concen: 0.106 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:117 Resp: 26630

Ion	Ratio	Lower	Upper
117	100		
119	89.9	76.1	114.1
121	33.1	25.5	38.3

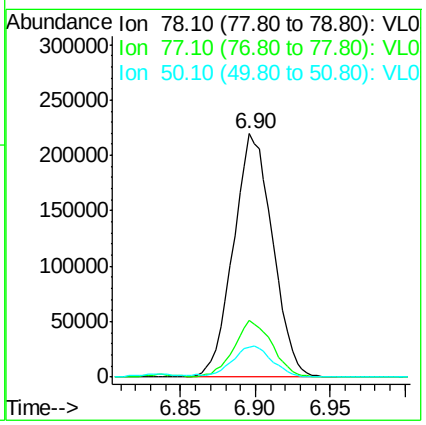


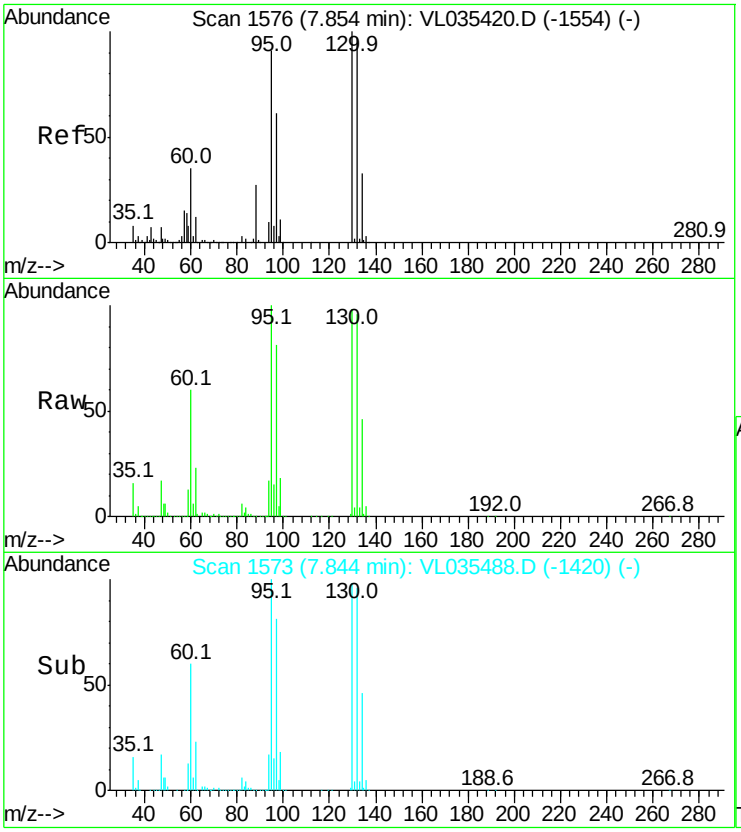


#36
Benzene
Concen: 1.153 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 78 Resp: 398037

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.6	29.4
50	12.3	16.3	24.5#



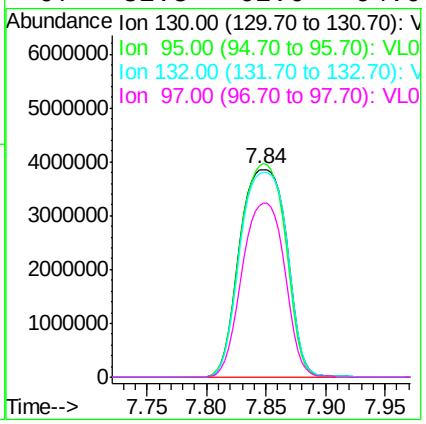


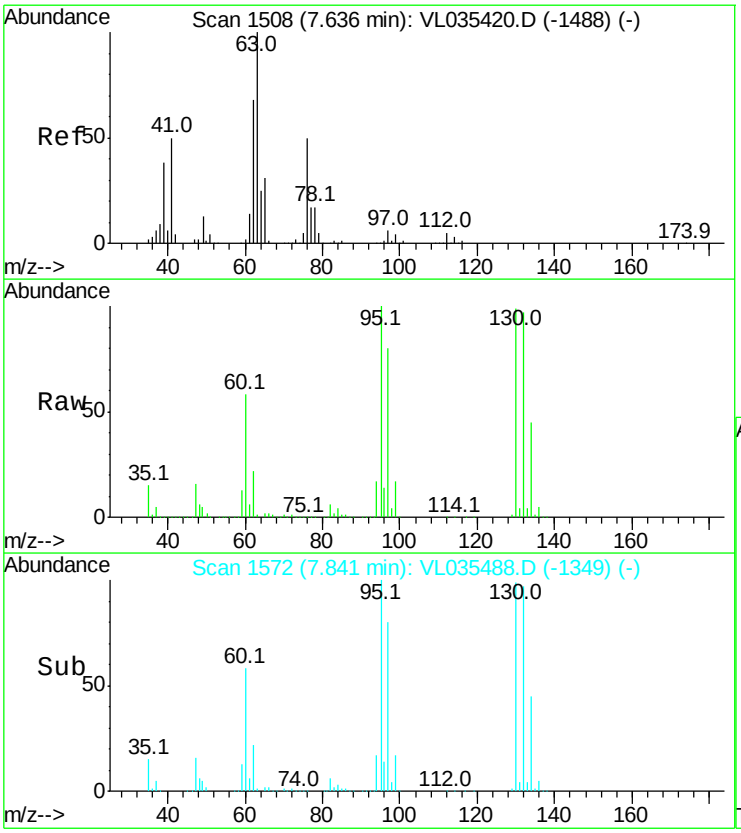
#38
Trichloroethene
Concen: 55.357 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:130 Resp:10628682

Ion	Ratio	Lower	Upper
130	100		
95	101.8	95.8	143.8
132	97.9	74.3	111.5
97	82.8	62.6	94.0

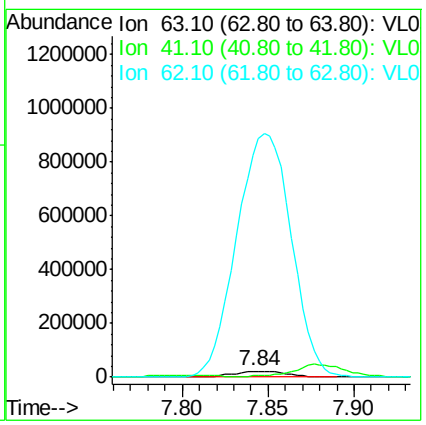


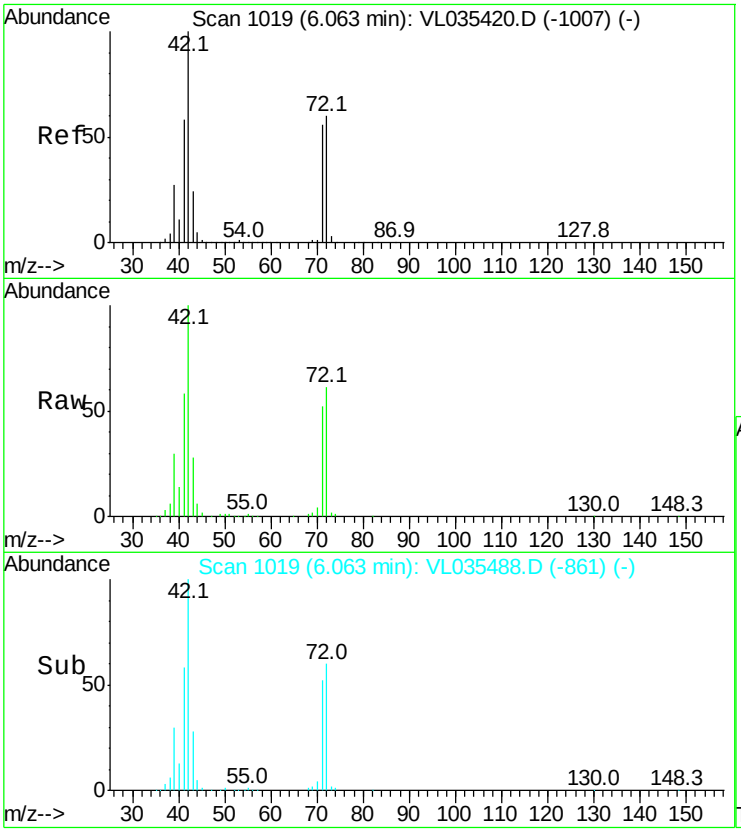


#39
1,2-Dichloropropane
Concen: 0.404 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.22 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 63 Resp: 45930

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.1	91.7#
62	3648.0	55.3	82.9#



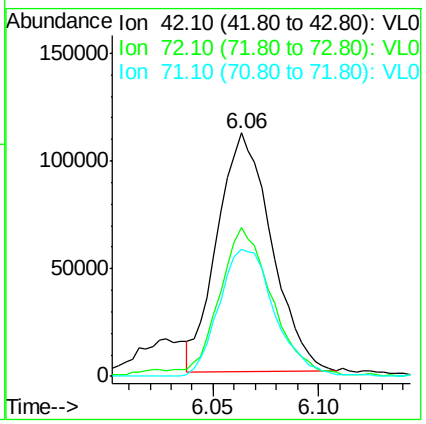


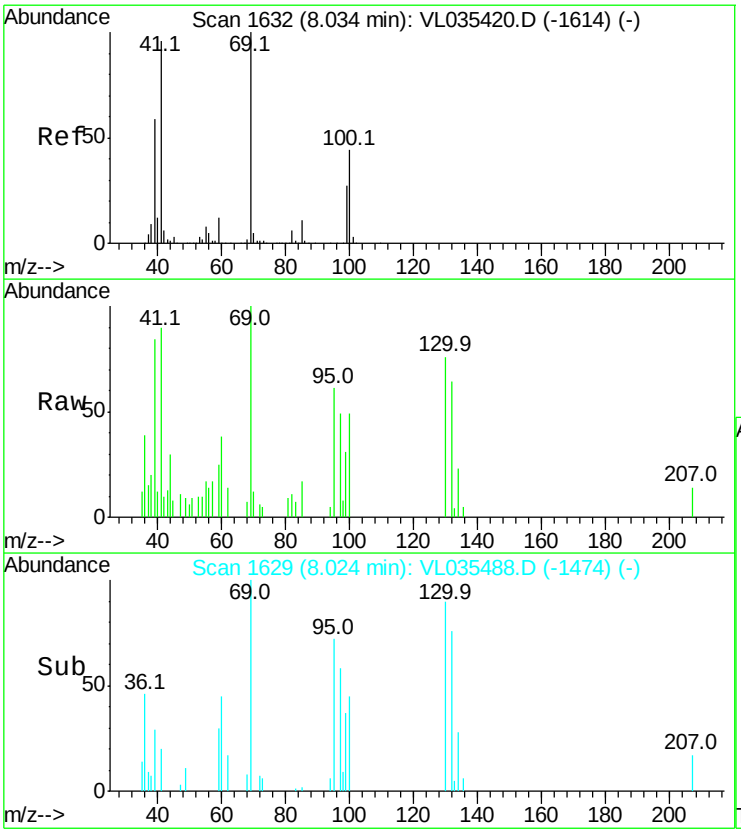
#41
Tetrahydrofuran
Concen: 2.269 ppbv
RT: 6.06 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 42 Resp: 196627

Ion	Ratio	Lower	Upper
42	100		
72	64.0	29.4	44.2#
71	55.4	28.9	43.3#

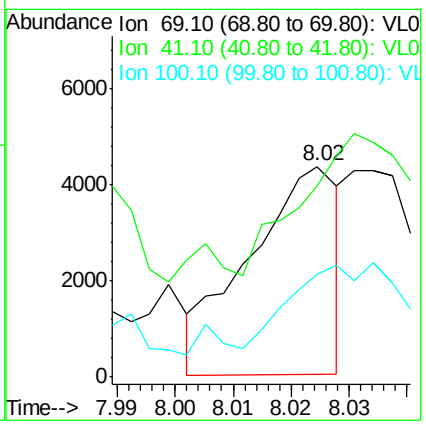


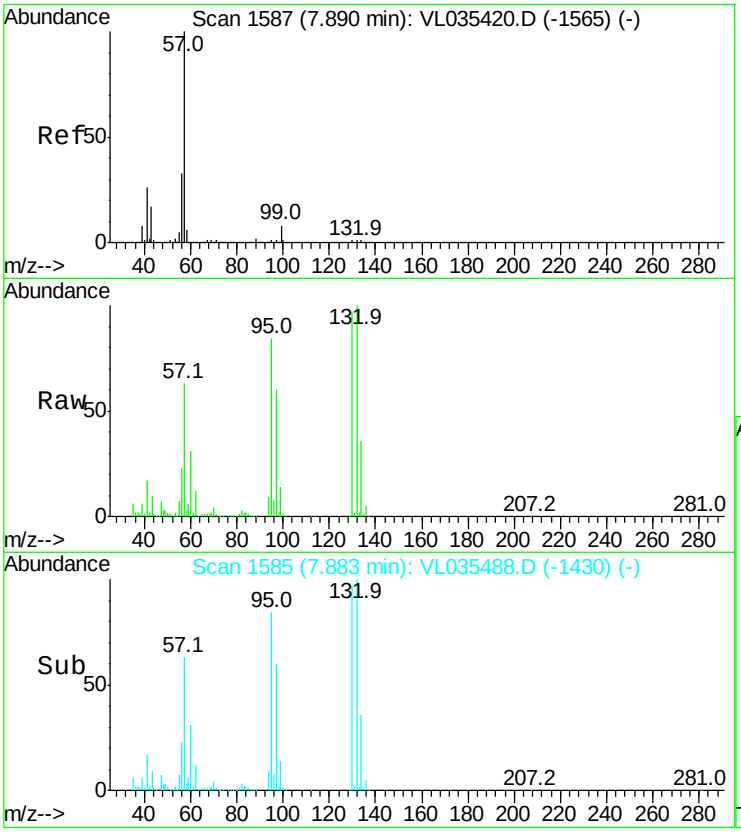


#43
Methyl Methacrylate
Concen: 0.034 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 69 Resp: 4616

Ion	Ratio	Lower	Upper
69	100		
41	0.0	123.4	185.0#
100	0.0	24.2	36.4#



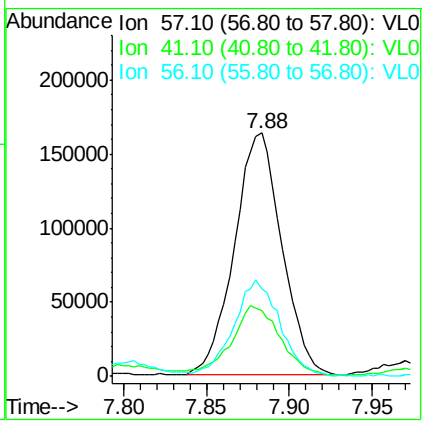


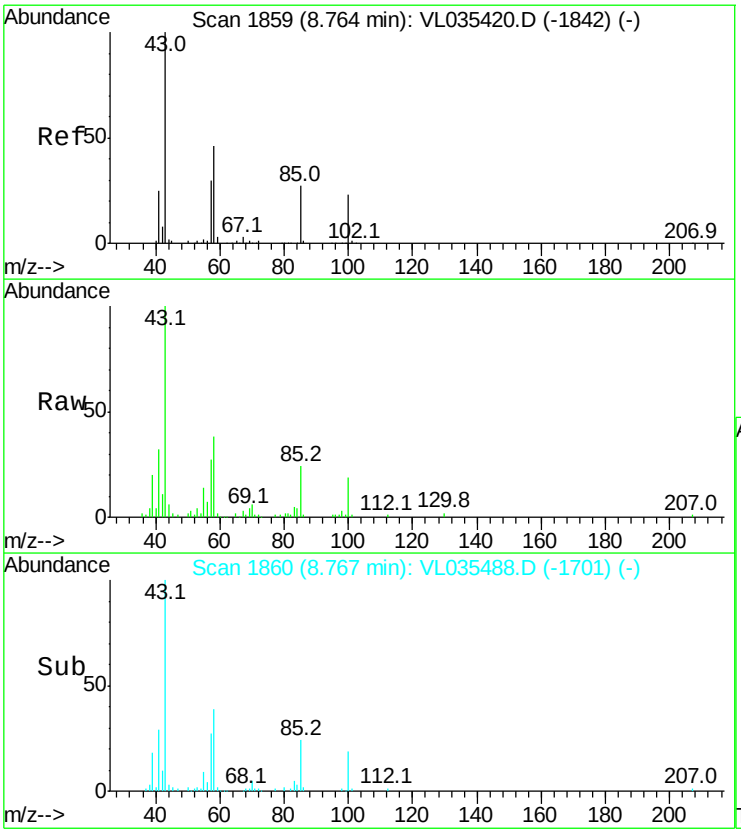
#44
2,2,4-Trimethylpentane
Concen: 0.725 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 57 Resp: 326755

Ion	Ratio	Lower	Upper
57	100		
41	30.5	27.2	40.8
56	38.2	25.4	38.0#

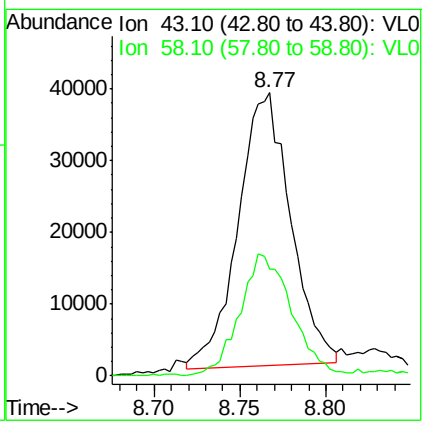


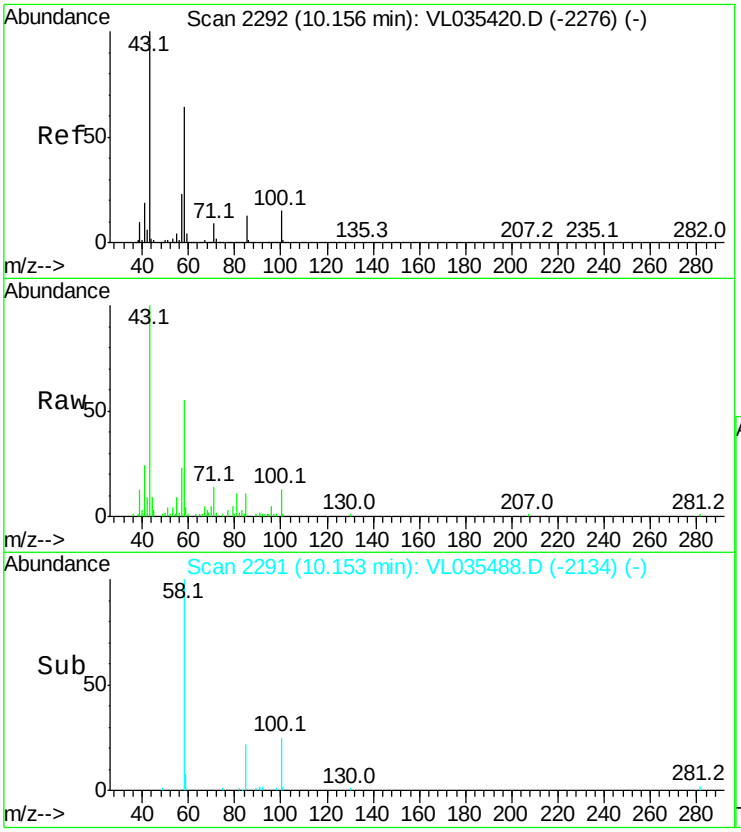


#50
4-Methyl-2-Pentanone
Concen: 0.361 ppbv
RT: 8.77 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 43 Resp: 81365

Ion	Ratio	Lower	Upper
43	100		
58	46.5	28.7	43.1#



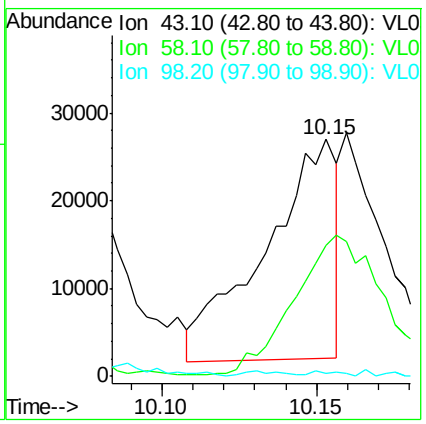


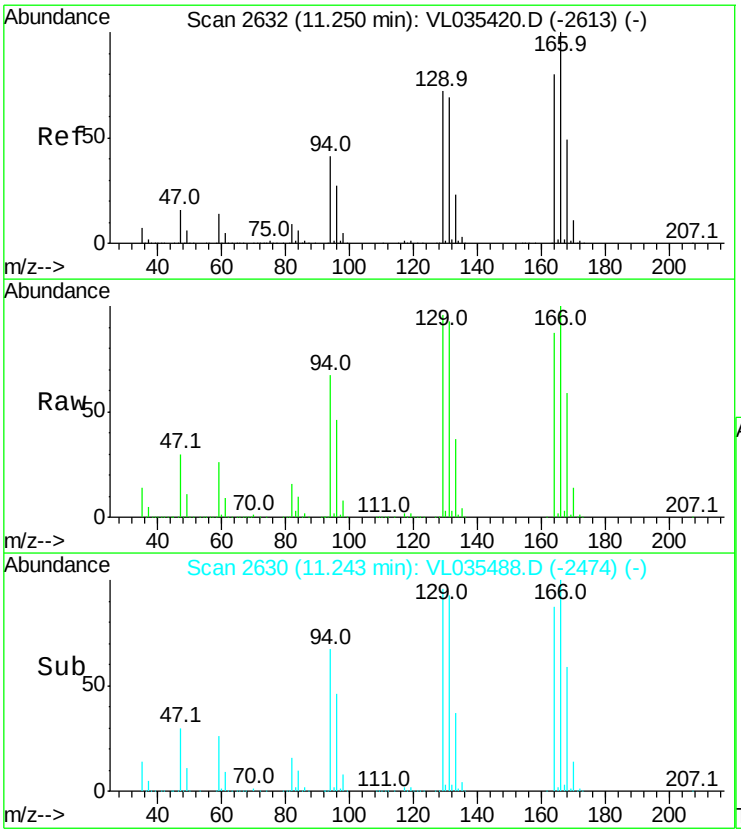
#51
2-Hexanone
Concen: 0.212 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 43 Resp: 40305

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	58.0#
98	1.5	0.2	0.2#

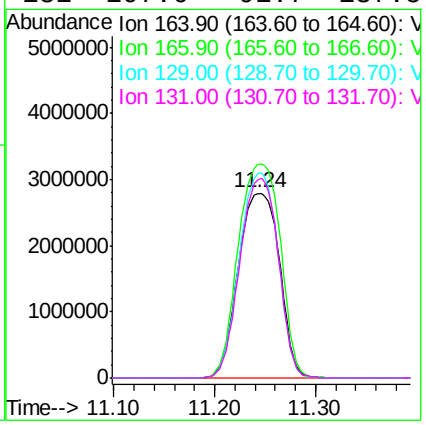


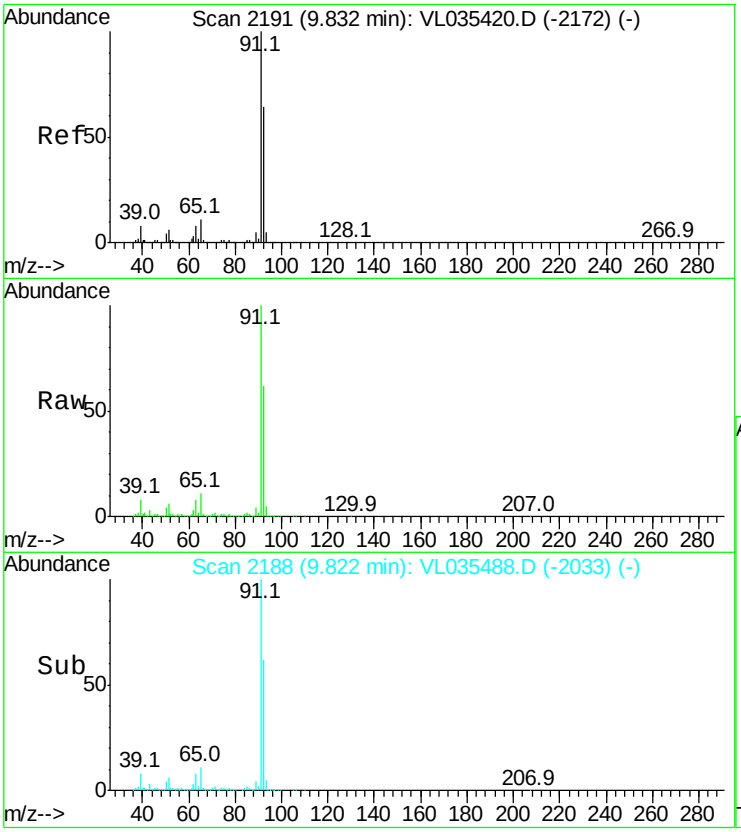


#52
Tetrachloroethene
Concen: 37.610 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:164 Resp: 7918567

Ion	Ratio	Lower	Upper
164	100		
166	115.5	103.4	155.0
129	110.6	90.2	135.4
131	107.6	91.7	137.5



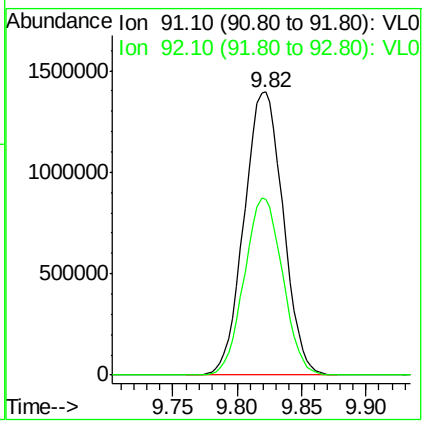


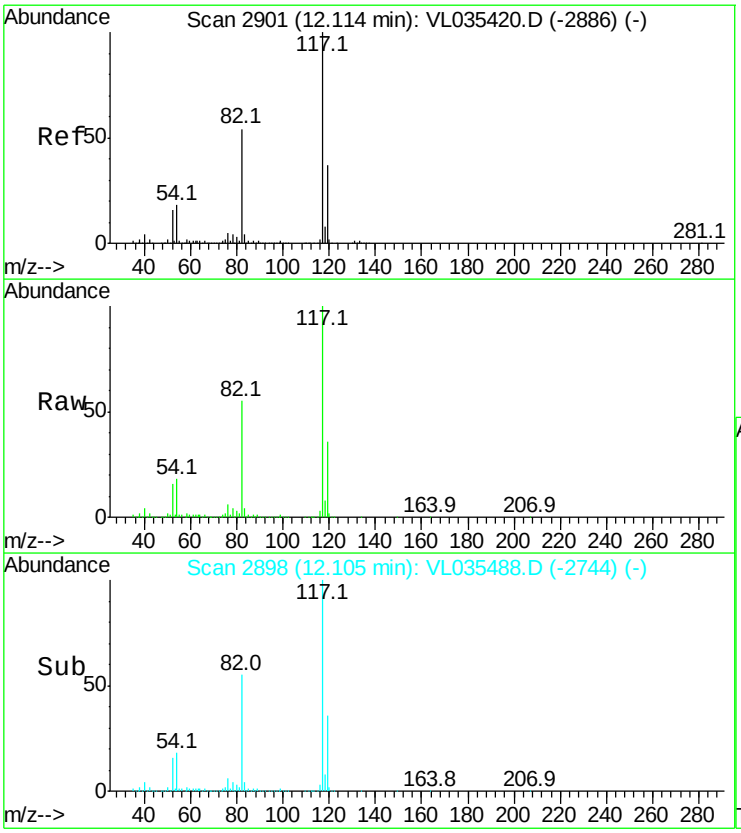
#53
Toluene
Concen: 6.626 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 91 Resp: 2945854

Ion	Ratio	Lower	Upper
91	100		
92	61.7	49.1	73.7

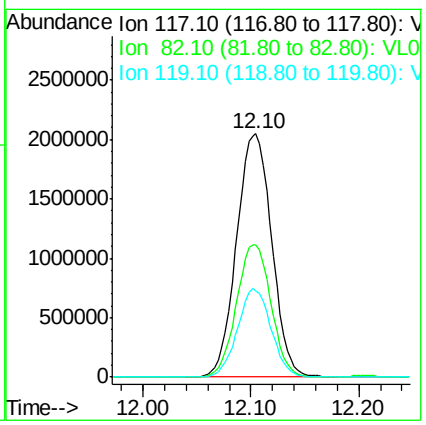


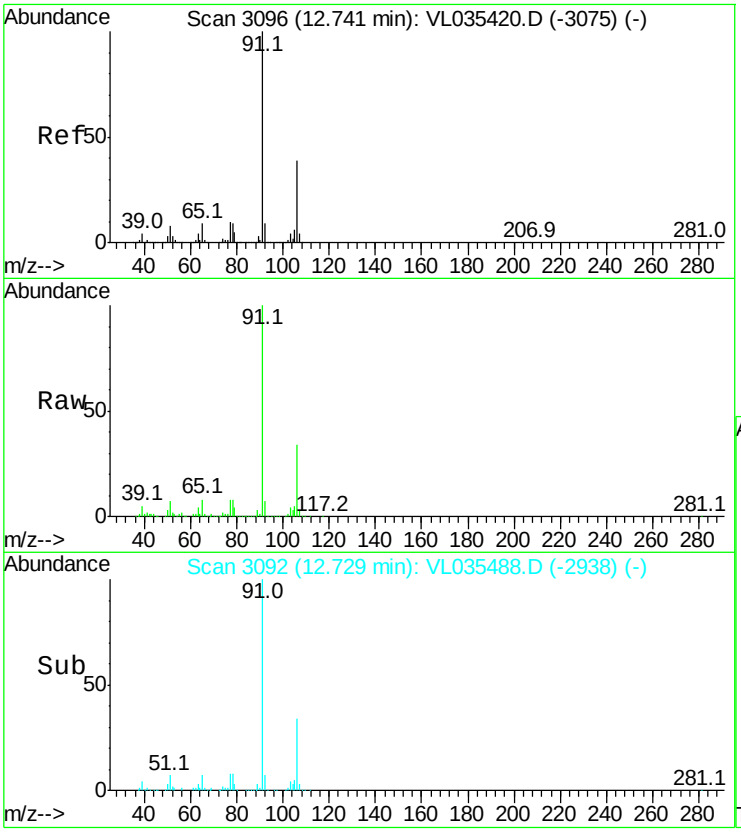


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:117 Resp: 4645123

Ion	Ratio	Lower	Upper
117	100		
82	53.4	57.4	86.0#
119	34.7	28.4	42.6



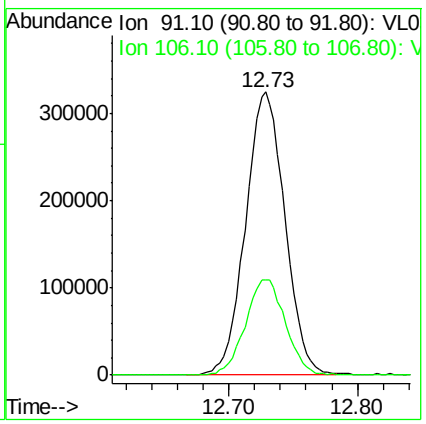


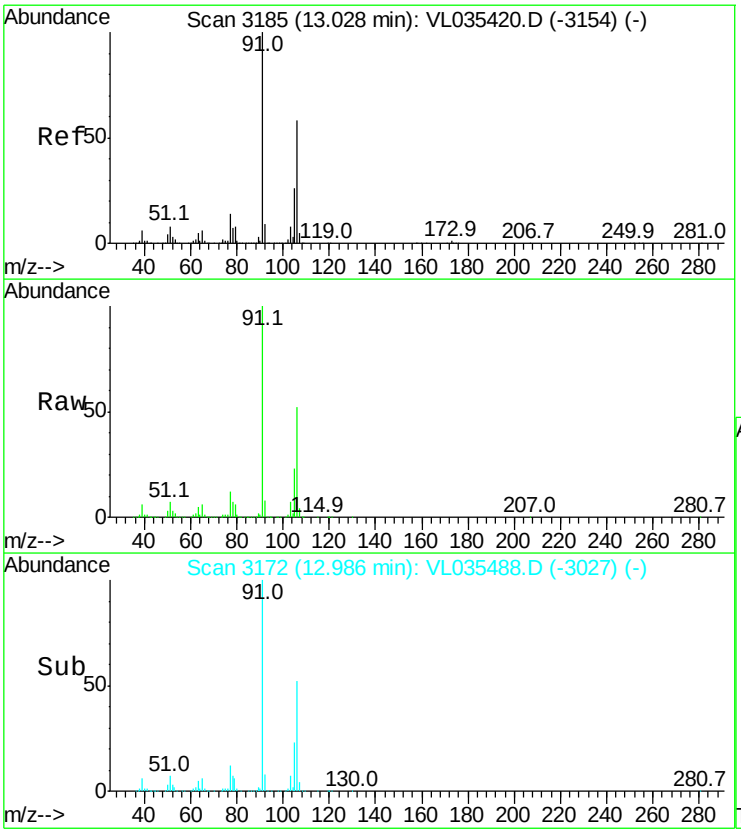
#58
Ethyl Benzene
Concen: 1.230 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 91 Resp: 689633

Ion	Ratio	Lower	Upper
91	100		
106	33.7	24.1	36.1

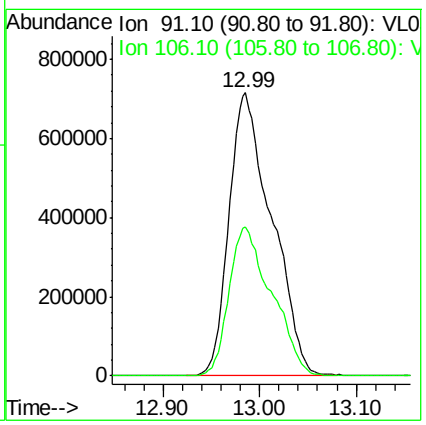


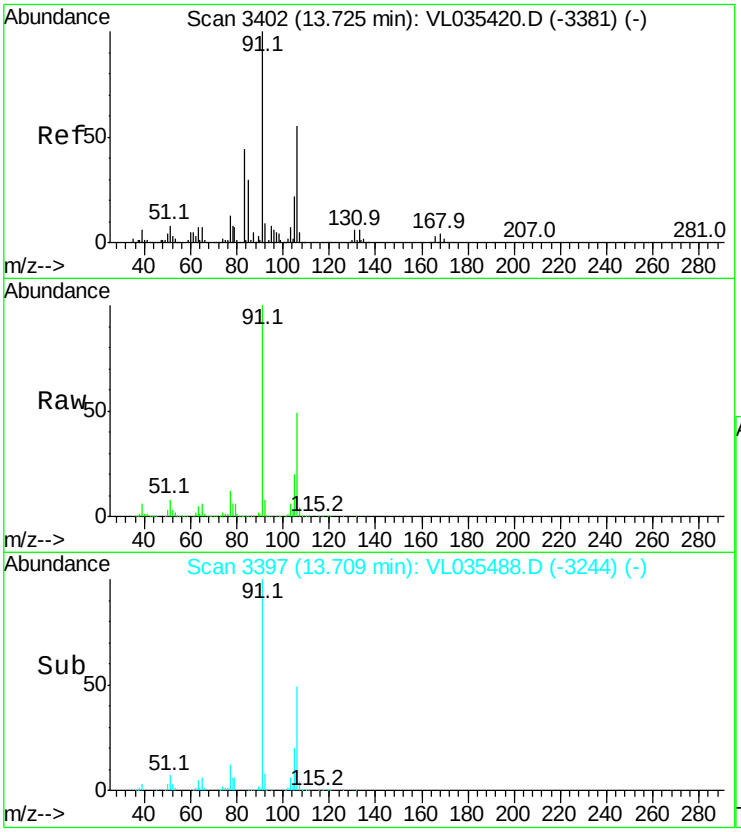


#59
m/p-Xylene
Concen: 4.622 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 91 Resp: 2190924

Ion	Ratio	Lower	Upper
91	100		
106	52.8	34.0	51.0#



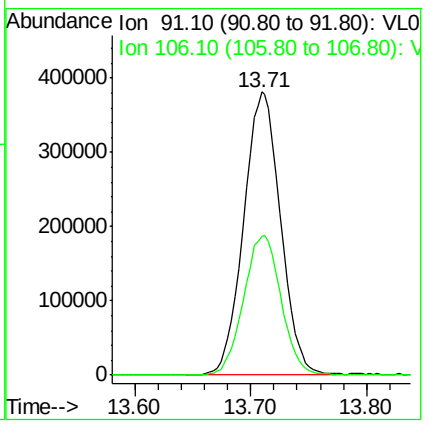


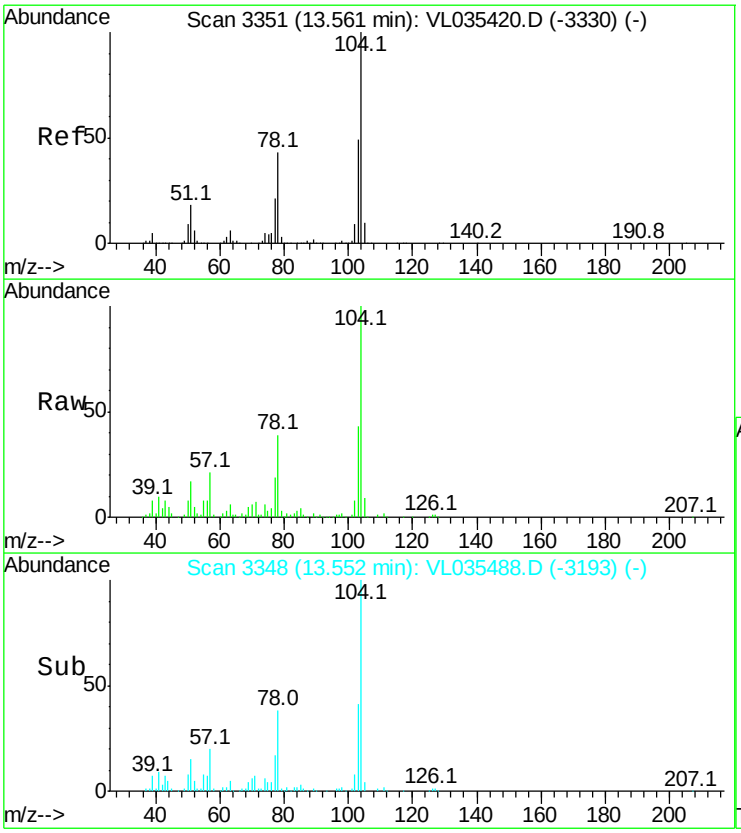
#60
o-Xylene
Concen: 1.827 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion: 91 Resp: 841869

Ion	Ratio	Lower	Upper
91	100		
106	50.5	21.8	65.3

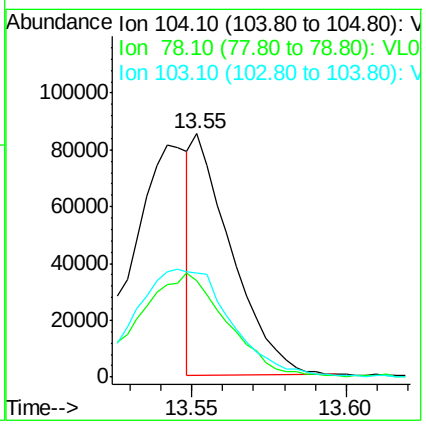


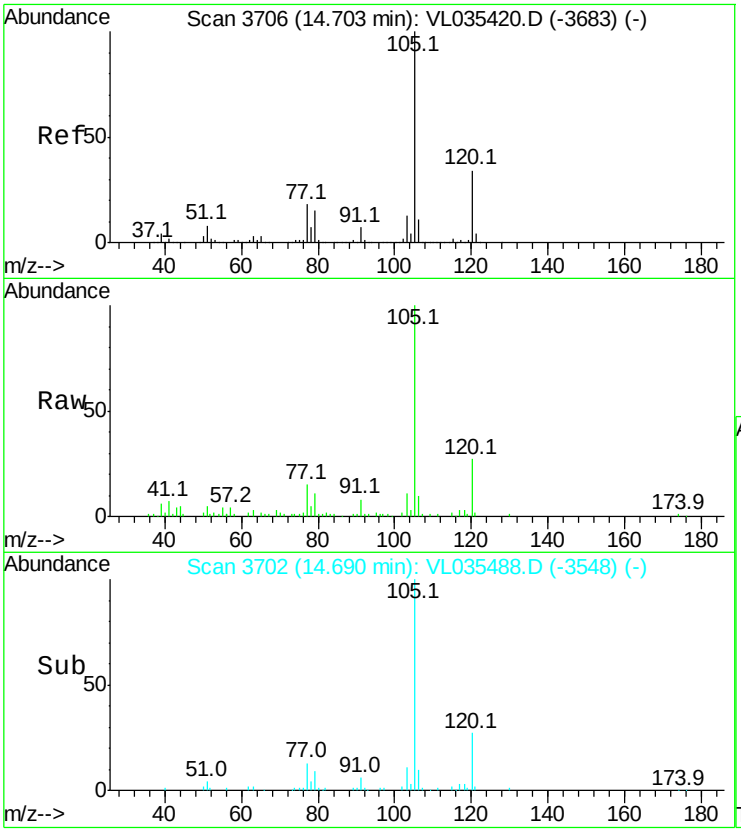


#61
Styrene
Concen: 0.201 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:104 Resp: 75001

Ion	Ratio	Lower	Upper
104	100		
78	100.6	45.4	68.2#
103	111.8	37.8	56.8#



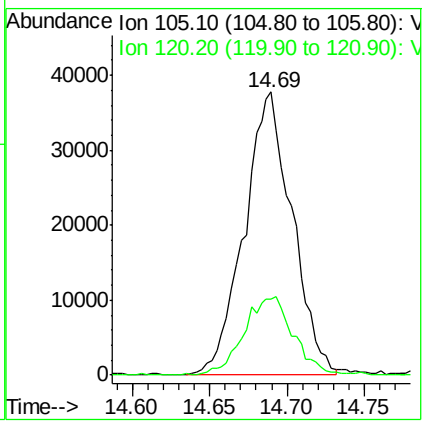


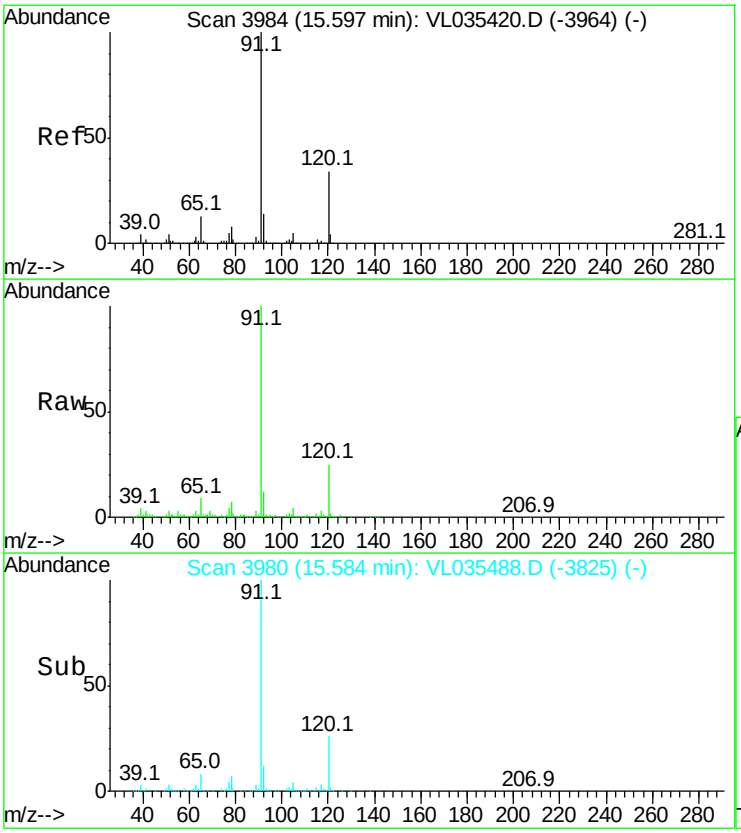
#62
Isopropylbenzene
Concen: 0.108 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:105 Resp: 81386

Ion	Ratio	Lower	Upper
105	100		
120	28.8	20.3	30.5

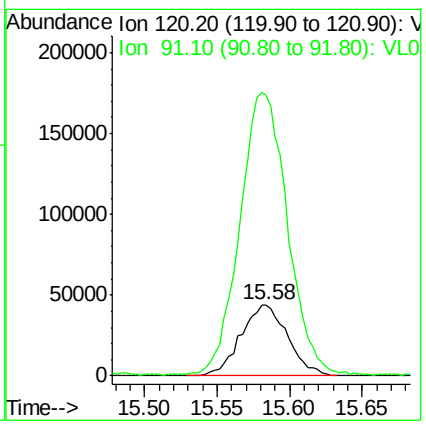


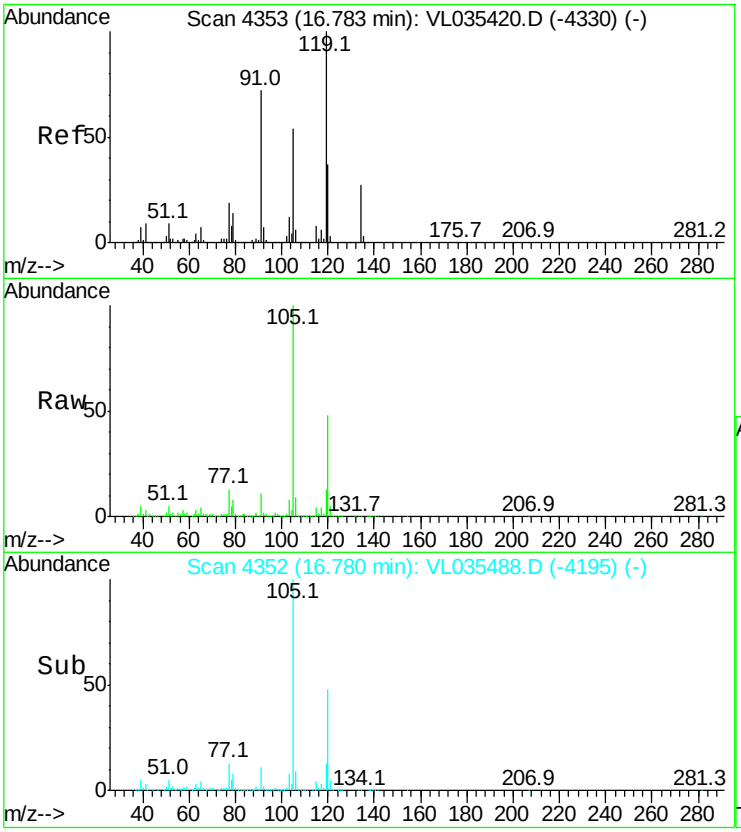


#64
n-propylbenzene
Concen: 0.423 ppbv
RT: 15.58 min Scan# 3980
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:120 Resp: 98559

Ion	Ratio	Lower	Upper
120	100		
91	402.2	385.5	578.3



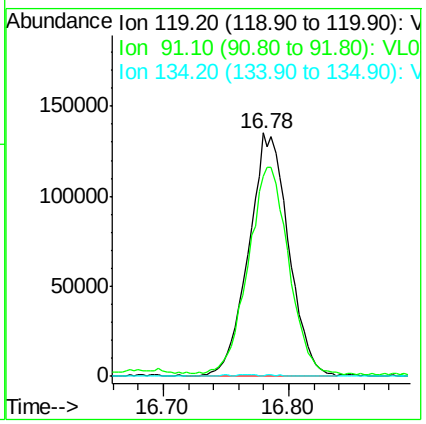


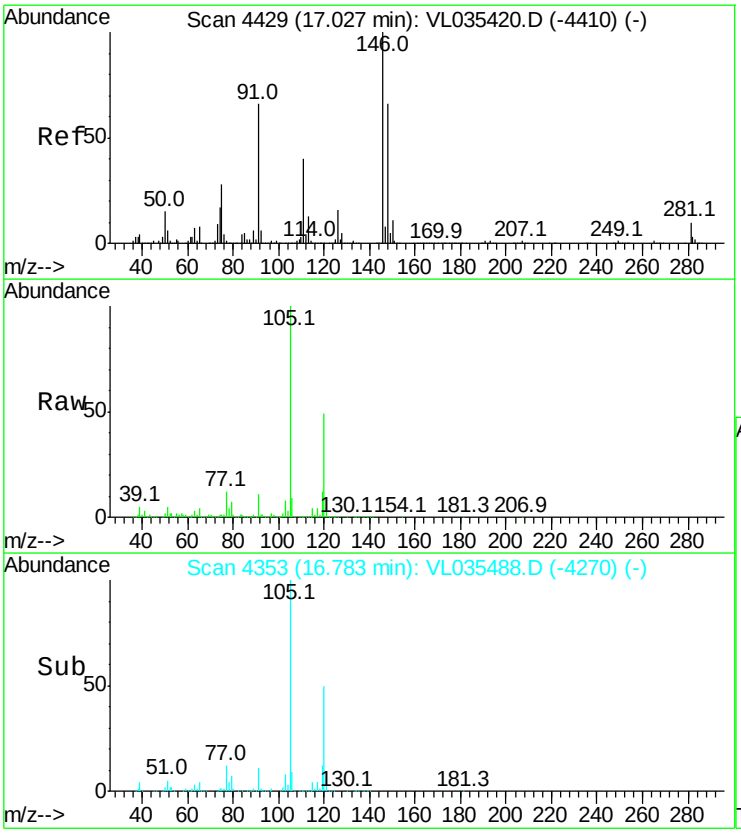
#65
tert-Butylbenzene
Concen: 0.405 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:119 Resp: 297185

Ion	Ratio	Lower	Upper
119	100		
91	88.8	72.0	108.0
134	0.9	15.7	23.5#

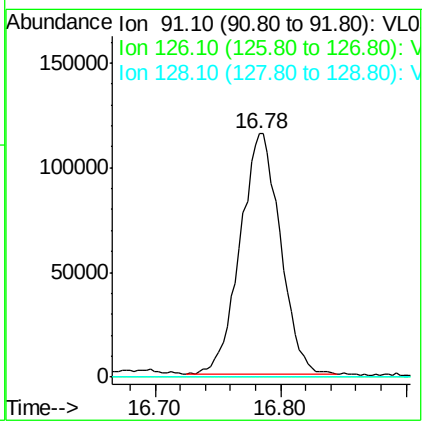


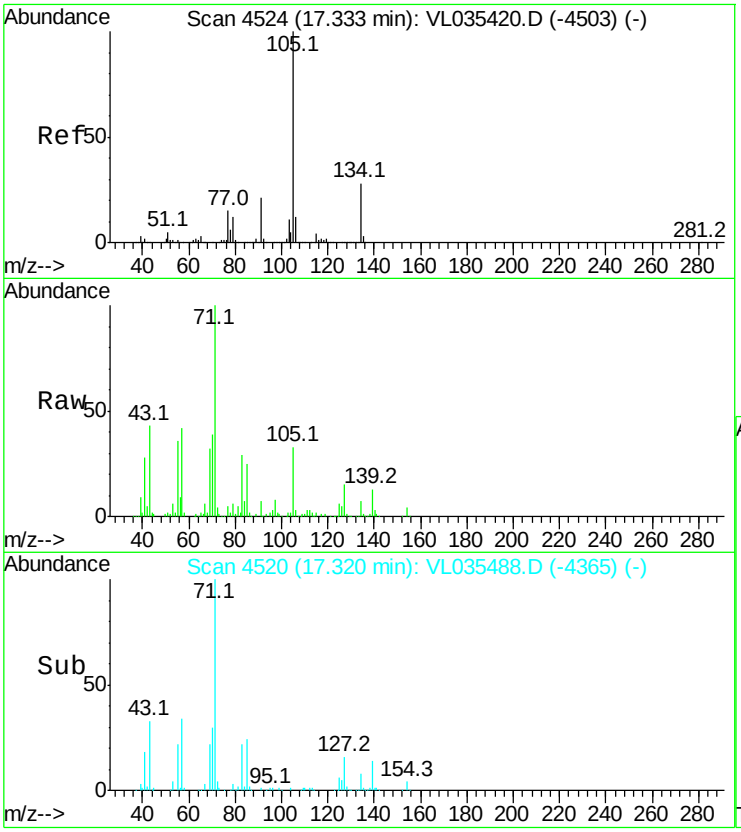


#66
Benzyl Chloride
Concen: 1.456 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. -0.23 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 91 Resp: 257052

Ion	Ratio	Lower	Upper
91	100		
126	0.4	13.3	19.9#
128	0.0	4.1	6.1#



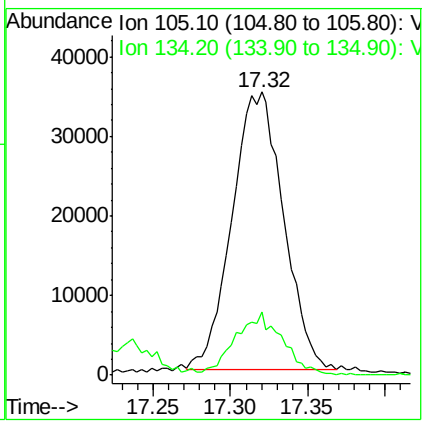


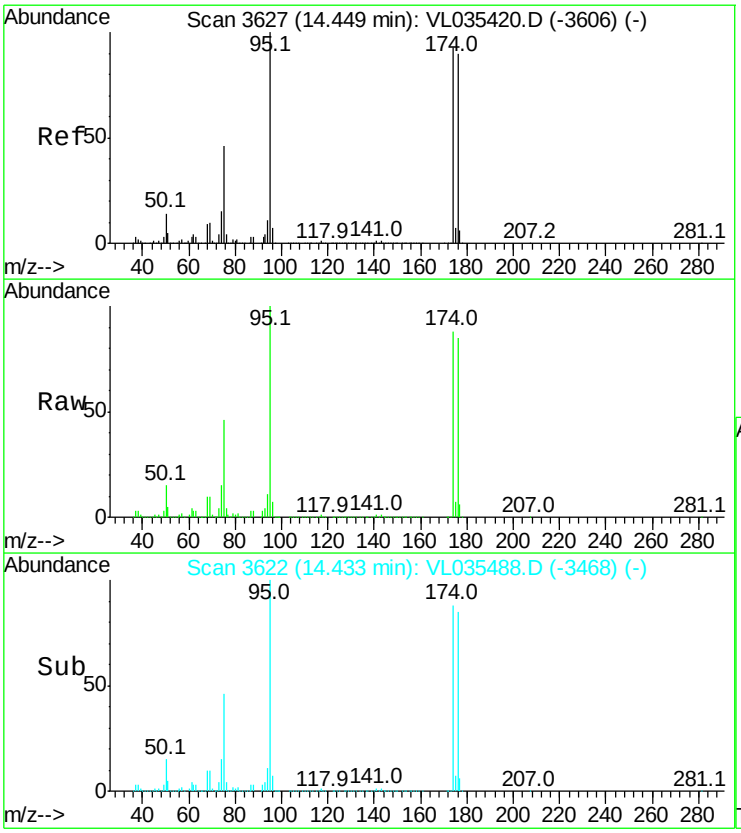
#67
sec-Butylbenzene
Concen: 0.083 ppbv
RT: 17.32 min Scan# 4520
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion:105 Resp: 80616

Ion	Ratio	Lower	Upper
105	100		
134	20.7	14.1	21.1

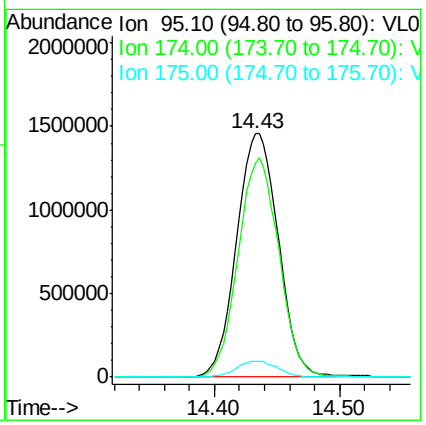


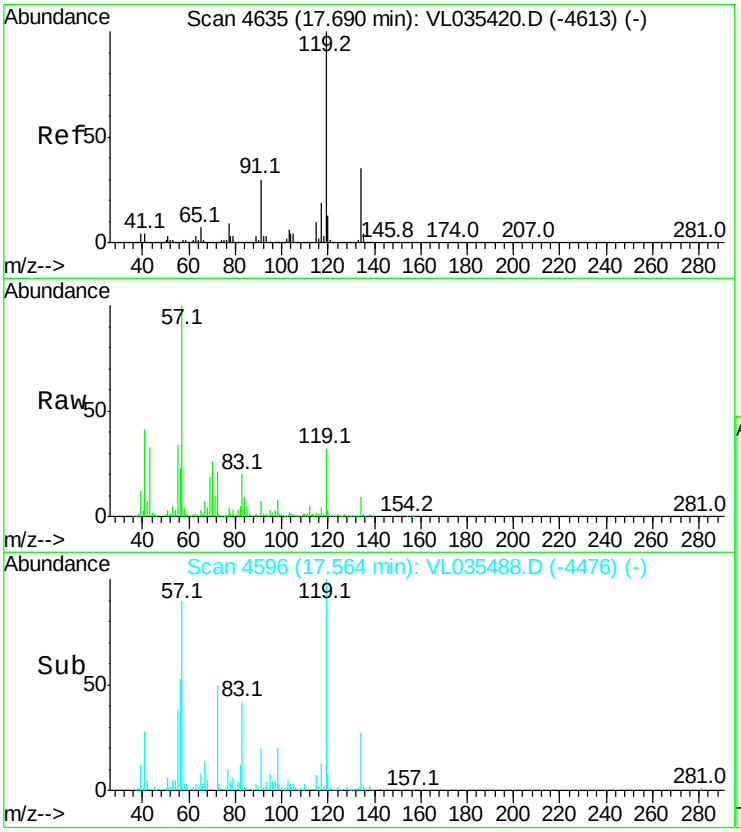


#68
1-Bromo-4-Fluorobenzene
Concen: 10.335 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 95 Resp: 3360805

Ion	Ratio	Lower	Upper
95	100		
174	88.7	44.0	66.0#
175	6.5	3.2	4.8#



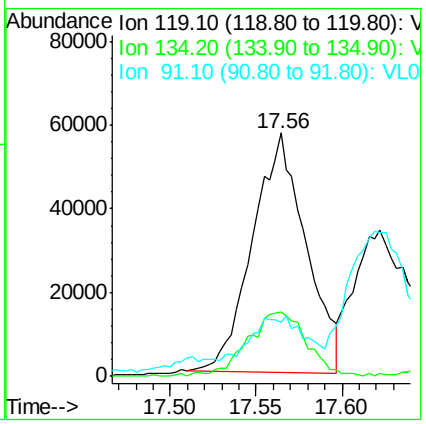


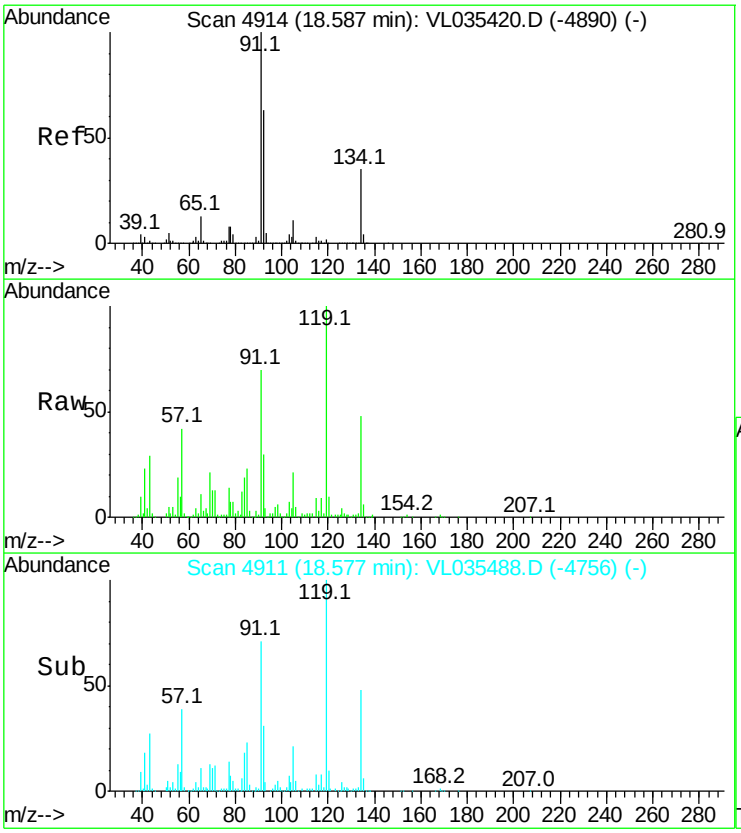
#69
p-Isopropyltoluene
Concen: 0.144 ppbv
RT: 17.56 min Scan# 4596
Delta R.T. -0.12 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:119 Resp: 123011

Ion	Ratio	Lower	Upper
119	100		
134	30.4	20.6	30.8
91	31.1	26.6	39.8

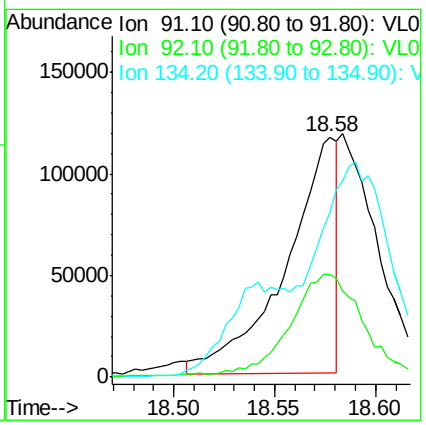


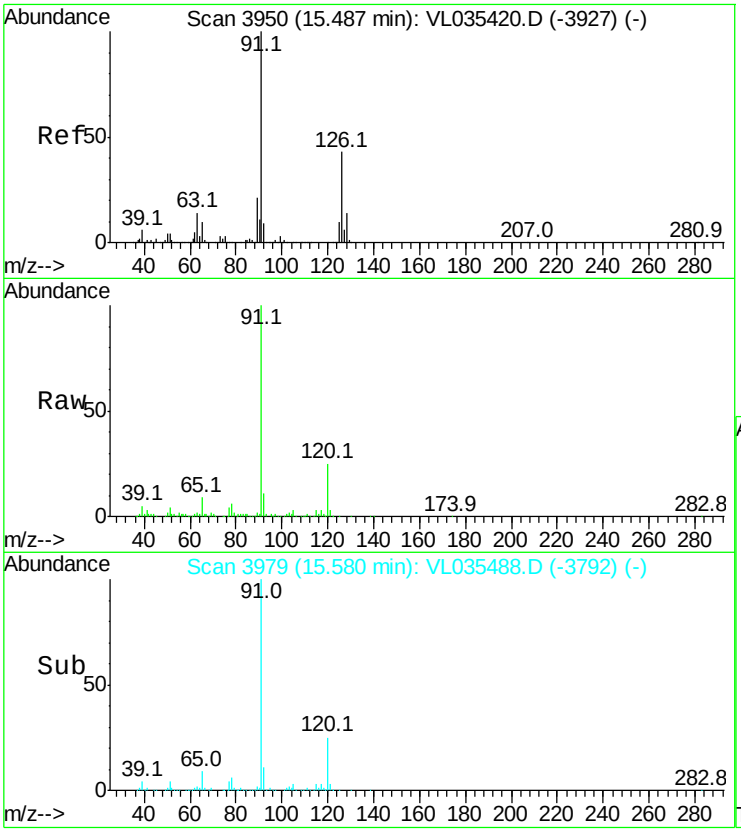


#70
n-Butylbenzene
Concen: 0.251 ppbv
RT: 18.58 min Scan# 4911
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion: 91 Resp: 202802

Ion	Ratio	Lower	Upper
91	100		
92	63.6	44.8	67.2
134	0.0	17.3	25.9#



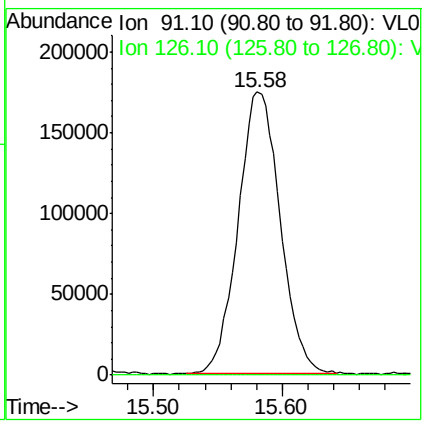


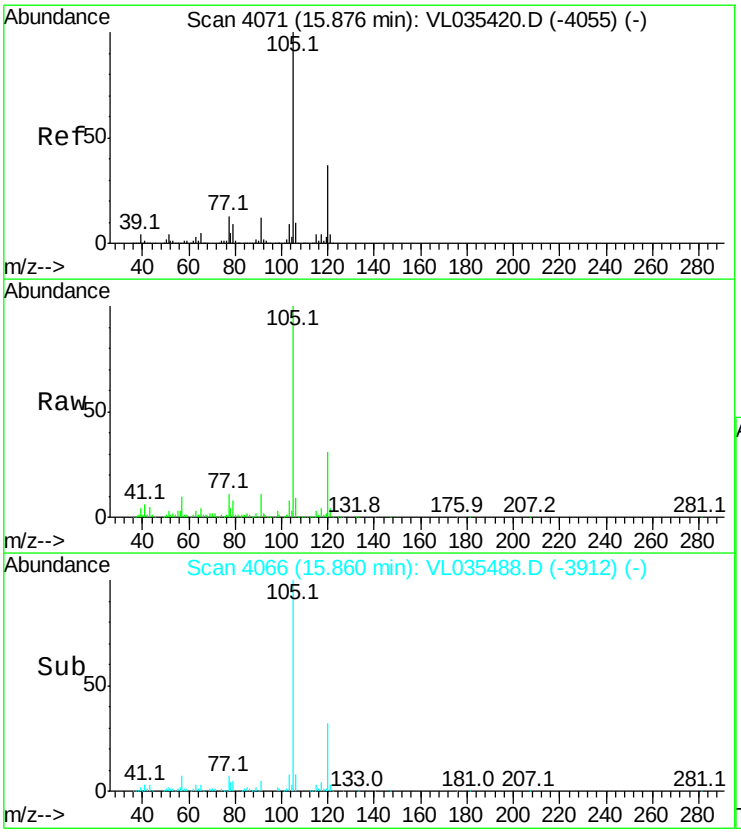
#71
2-Chlorotoluene
Concen: 0.723 ppbv
RT: 15.58 min Scan# 3979
Delta R.T. 0.10 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument : MSVOA_L
ClientSampleId : SSMP-4DUP

Tgt Ion: 91 Resp: 396122

Ion	Ratio	Lower	Upper
91	100		
126	0.2	11.4	45.6#

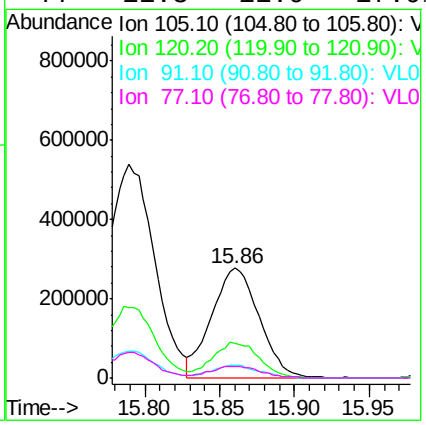


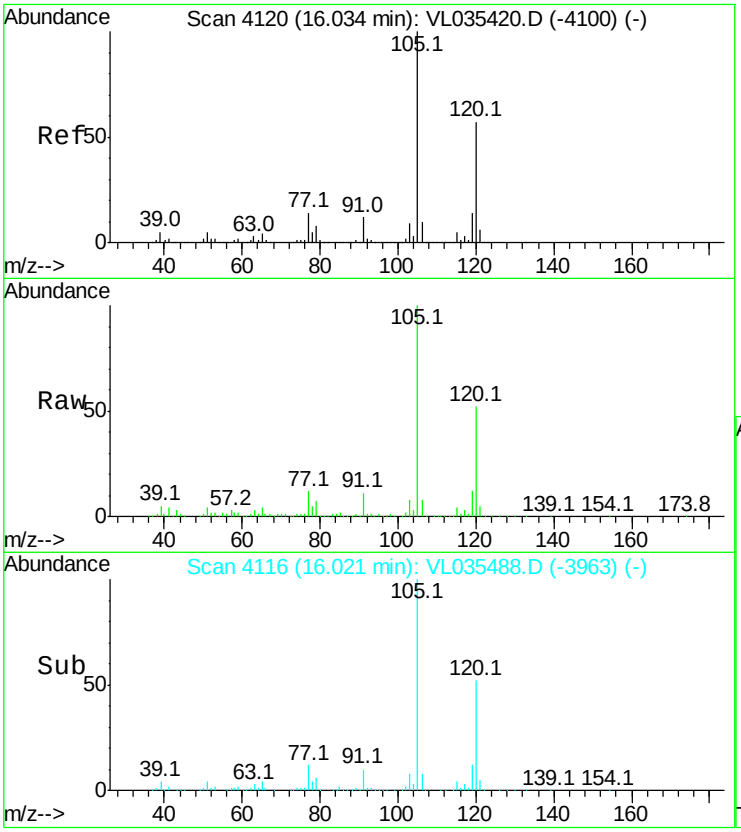


#72
4-Ethyltoluene
Concen: 1.012 ppbv
RT: 15.86 min Scan# 4066
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:105 Resp: 611606

Ion	Ratio	Lower	Upper
105	100		
120	33.0	22.7	34.1
91	12.0	10.8	16.2
77	11.3	11.9	17.9#



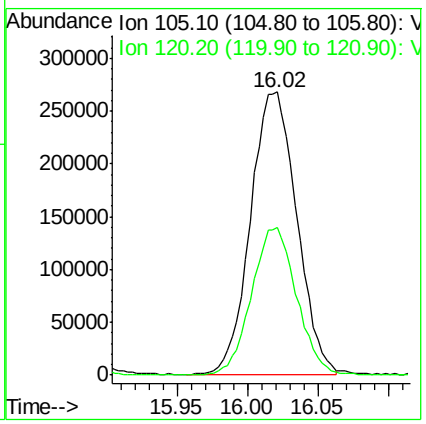


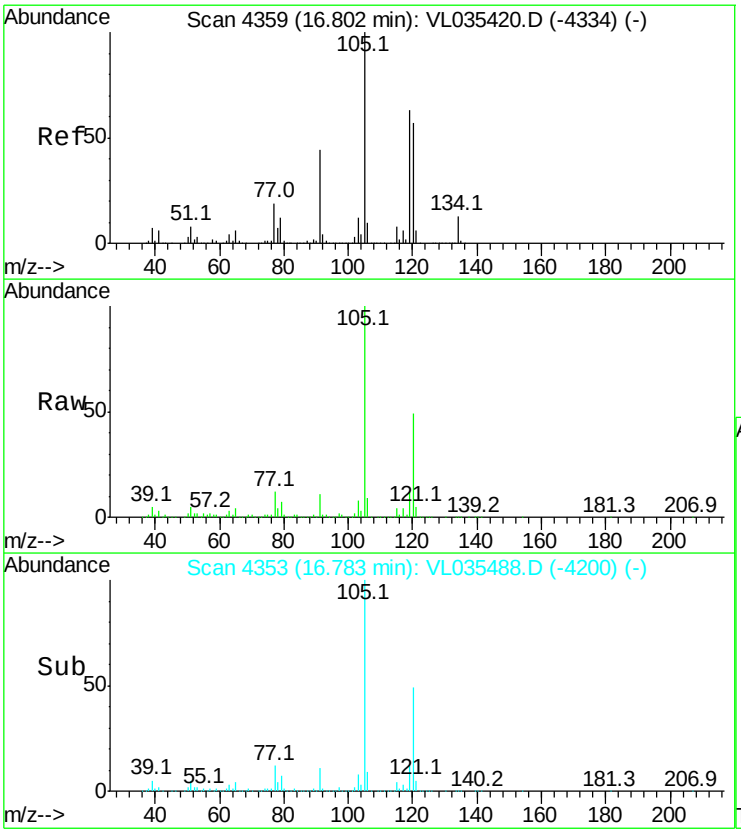
#73
1,3,5-Trimethylbenzene
Concen: 1.089 ppbv
RT: 16.02 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:105 Resp: 612472

Ion	Ratio	Lower	Upper
105	100		
120	52.1	35.6	53.4

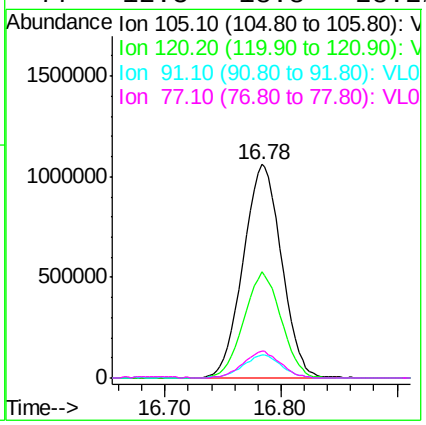


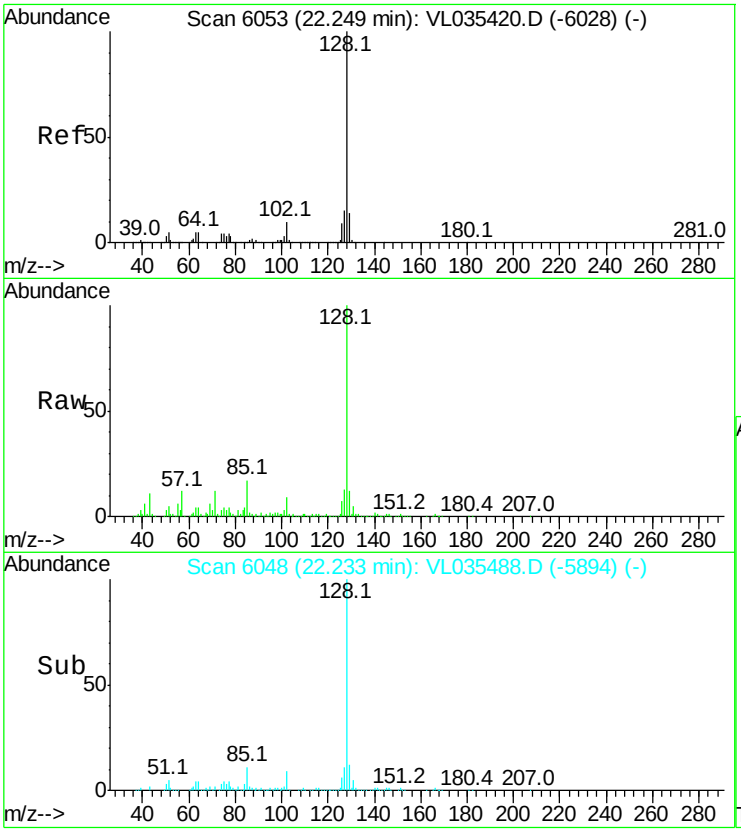


#74
1,2,4-Trimethylbenzene
Concen: 3.990 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:105 Resp: 2438939

Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.8	56.8
91	10.8	40.0	60.0#
77	12.3	18.8	28.2#



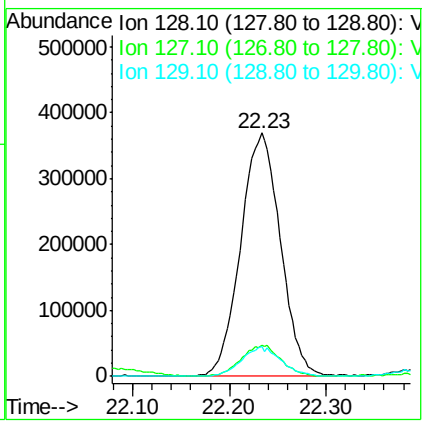


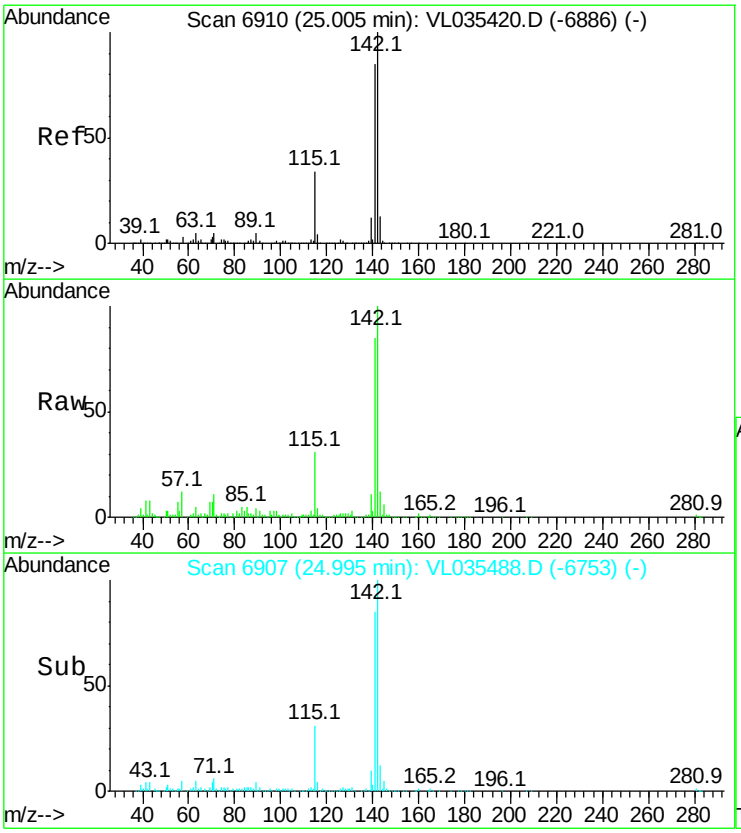
#79
Naphthalene
Concen: 1.226 ppbv
RT: 22.23 min Scan# 6048
Delta R.T. -0.01 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DUP

Tgt Ion:128 Resp: 1055184

Ion	Ratio	Lower	Upper
128	100		
127	12.4	11.4	17.0
129	12.2	9.5	14.3





#80
Naphthalene,2-methyl-
Concen: 0.955 ppbv
RT: 24.99 min Scan# 6907
Delta R.T. -0.00 min
Lab File: VL035488.D
Acq: 21 Aug 2020 7:28

Tgt Ion:142 Resp: 339601

Ion	Ratio	Lower	Upper
142	100		
141	85.0	67.1	100.7
115	39.5	36.1	54.1