Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034345.D
Acq On : 24 Oct 2019 14:20
Operator : SY/AP
Sample : K5477-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 25 01:33:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.71	49	987028	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.24	114	1946669	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.15	117	7385	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	583	0.93	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 9.30%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	50828	0.299	ppbv		93
3) Chlorodifluoromethane	2.93	51	240323	2.077	ppbv	#	68
4) Chloromethane	3.11	50	6372	0.093	ppbv		97
7) Chloroethane	3.55	64	10836	0.472	ppbv	#	85
9) Propene	2.99	41	373845	7.290	ppbv	#	80
10) Heptane	8.20	43	70867	0.538	ppbv	#	28
11) Trichlorofluoromethane	3.94	101	41204	0.255	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	78966	0.746	ppbv		99
13) Ethanol	3.61	45	30294	2.638	ppbv		93
15) Acetone	3.88	43	1534192	10.867	ppbv		95
16) 1,3-Butadiene	3.34	39	115633	2.016	ppbv	#	11
18) 1,1-Dichloroethene	4.29	96	57093	1.232	ppbv		89
19) Isopropyl Alcohol	3.99	45	15117	0.192	ppbv	#	95
20) Methylene Chloride	4.34	84	190028	3.723	ppbv		94
21) Allyl Chloride	4.36	41	40435	0.518	ppbv	#	60
22) trans-1,2-Dichloroethene	4.90	96	1851064	40.046	ppbv		91
23) Vinyl Acetate	5.12	43	267986	1.520	ppbv	#	52
24) 1,1-Dichloroethane	4.90	63	1043602	7.976	ppbv	#	1
25) Ethyl Acetate	5.71	43	281268	1.180	ppbv	#	77
26) Hexane	5.71	57	383062	3.771	ppbv	#	38
27) Carbon Disulfide	4.56	76	100051	0.949	ppbv		96
29) Chloroform	5.79	83	6338053	39.440	ppbv	#	83
30) Cyclohexane	7.20	84	9358	0.125	ppbv	#	1
31) cis-1,2-Dichloroethene	5.60	61	20818374	201.920	ppbv	#	32
32) 1,1,1-Trichloroethane	6.57	97	91370	0.585	ppbv		95
34) 2-Butanone	5.30	43	1630533	10.247	ppbv		100
36) Benzene	6.95	78	2191145	11.731	ppbv		97
38) Trichloroethene	7.96	130	38052825	507.706	ppbv		86
39) 1,2-Dichloropropane	7.91	63	84829	1.055	ppbv	#	1
42) Bromodichloromethane	7.95	83	1365569	8.009	ppbv	#	94
44) 2,2,4-Trimethylpentane	7.98	57	1867876	5.403	ppbv		91
51) 2-Hexanone	10.22	43	14757	0.079	ppbv	#	30
52) Tetrachloroethene	11.43	164	36127777	493.468	ppbv		91
53) Toluene	9.90	91	8137	0.039	ppbv	#	20
56) 1,1,1,2-Tetrachloroethane	12.11	131	1957193	5750.723	ppbv	#	1
57) Chlorobenzene	12.21	112	197	0.320	ppbv	#	1
58) Ethyl Benzene	13.05	91	23160	22.434	ppbv		94
59) m/p-Xylene	13.06	91	24238	27.098	ppbv	#	53
60) o-Xylene	13.75	91	530	0.595	ppbv	#	33
61) Styrene	13.63	104	29	0.046	ppbv	#	1
62) Isopropylbenzene	14.74	105	132	0.112	ppbv	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034345.D
Acq On : 24 Oct 2019 14:20
Operator : SY/AP
Sample : K5477-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 25 01:33:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,1,2,2-Tetrachloroethane	13.74	83	232	0.324	ppbv	#	1
64) n-propylbenzene	15.51	120	691	2.290	ppbv		68
65) tert-Butylbenzene	16.82	119	1977	1.897	ppbv	#	7
66) Benzyl Chloride	17.07	91	288	0.700	ppbv	#	68
67) sec-Butylbenzene	17.36	105	284	0.194	ppbv	#	1
69) p-Isopropyltoluene	17.73	119	358	0.299	ppbv	#	44
70) n-Butylbenzene	18.62	91	650	0.500	ppbv	#	1
71) 2-Chlorotoluene	15.37	91	802	0.880	ppbv		87
72) 4-Ethyltoluene	15.91	105	218	0.218	ppbv	#	54
73) 1,3,5-Trimethylbenzene	16.07	105	574	0.579	ppbv	#	32
74) 1,2,4-Trimethylbenzene	16.84	105	188	0.182	ppbv	#	42
75) 1,3-Dichlorobenzene	17.09	146	118	0.190	ppbv	#	1
76) 1,4-Dichlorobenzene	17.09	146	118	0.194	ppbv	#	1
77) 1,2-Dichlorobenzene	17.91	146	62	0.102	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.46	225	140	0.278	ppbv	#	57
79) Naphthalene	22.30	128	2531	3.349	ppbv	#	1
80) Naphthalene,2-methyl-	25.05	142	3562	16.307	ppbv	#	51
81) 1,2,4-Trichlorobenzene	22.04	180	35	0.071	ppbv	#	81

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

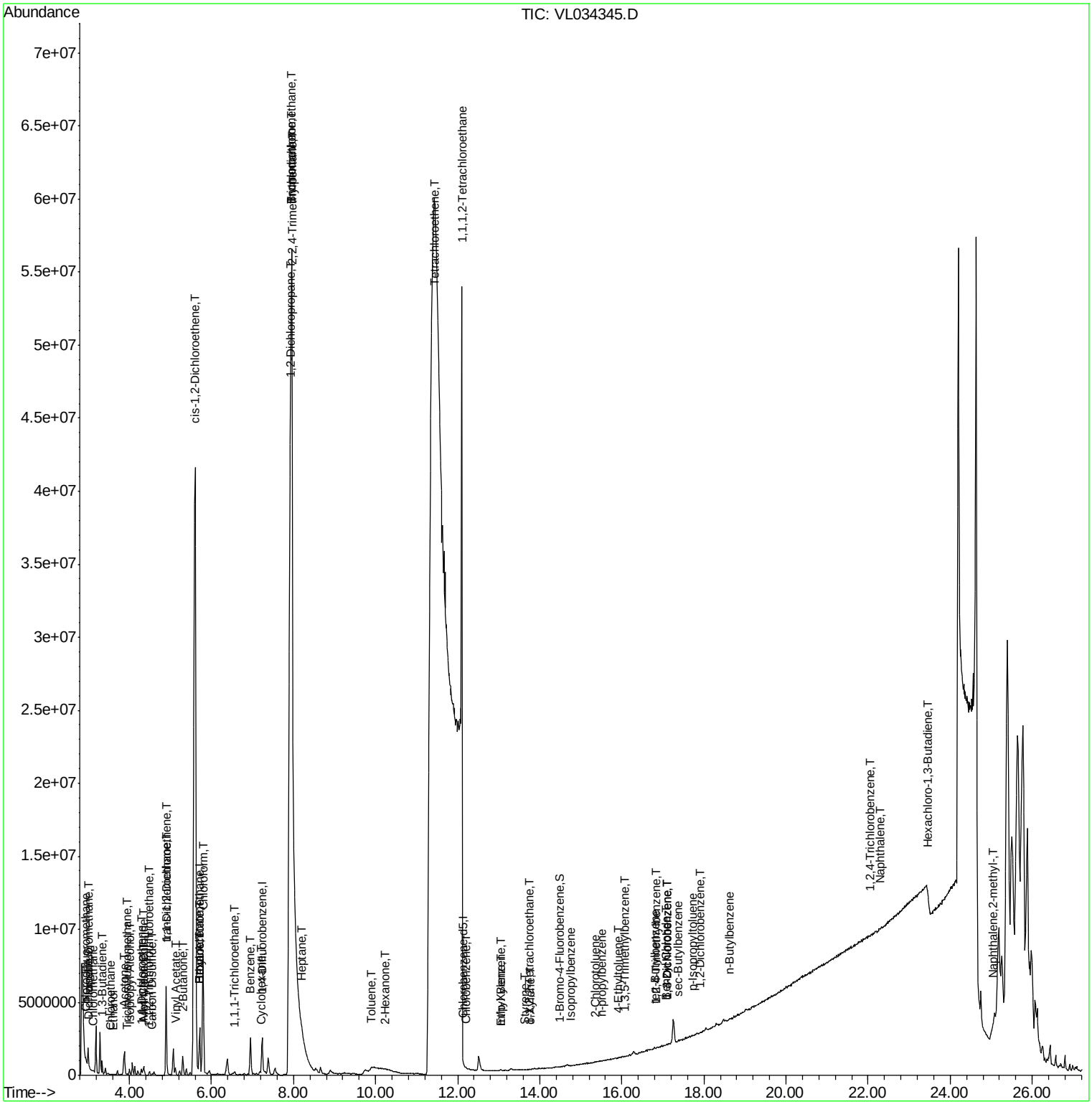
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

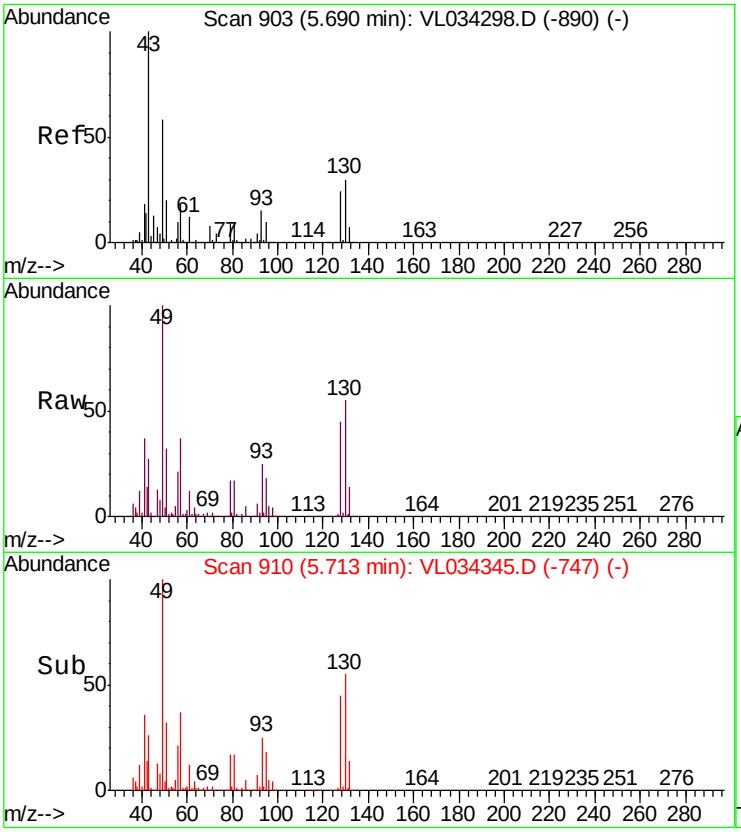
Quantitation Report (Not Reviewed)

Data File : VL034345.D
Acq On : 24 Oct 2019 14:20
Operator : SY/AP
Sample : K5477-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 25 01:33:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



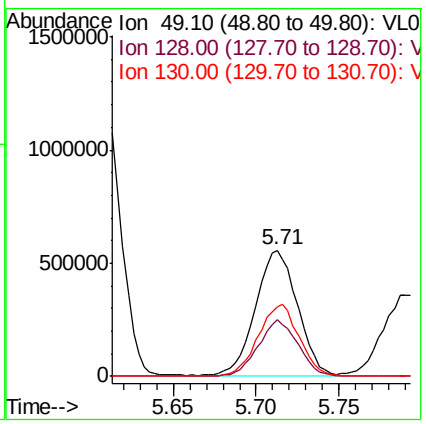


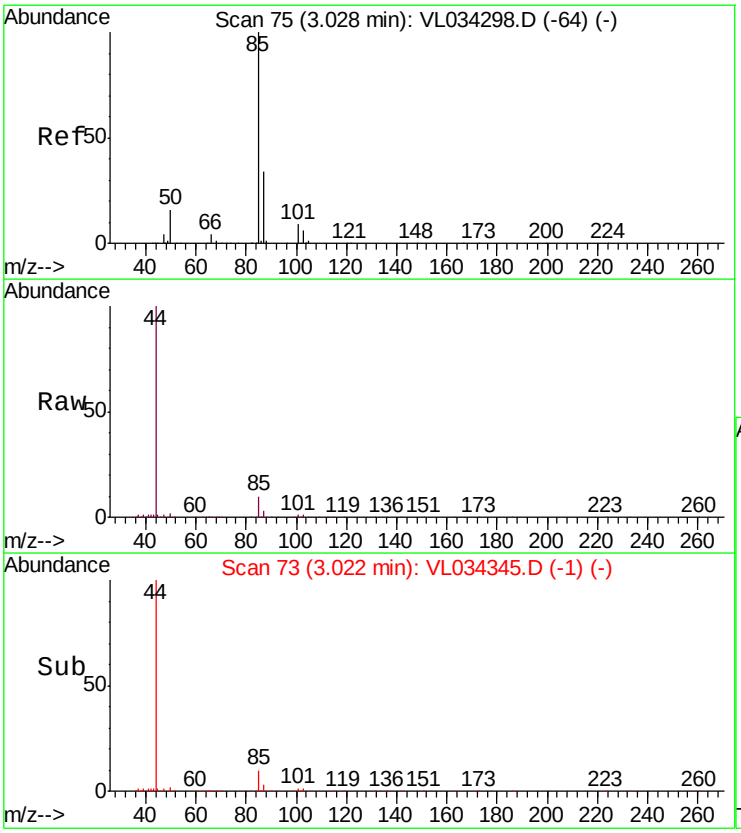
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.02 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 987028

Ion	Ratio	Lower	Upper
49	100		
128	42.6	20.6	61.8
130	55.6	26.2	78.5

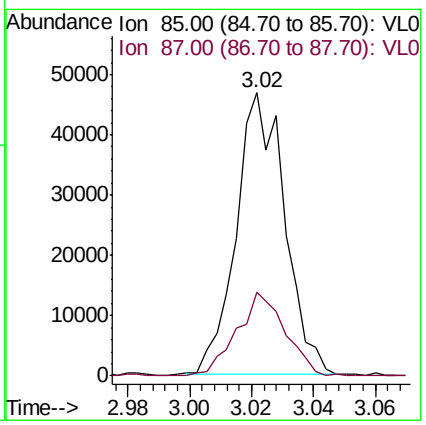


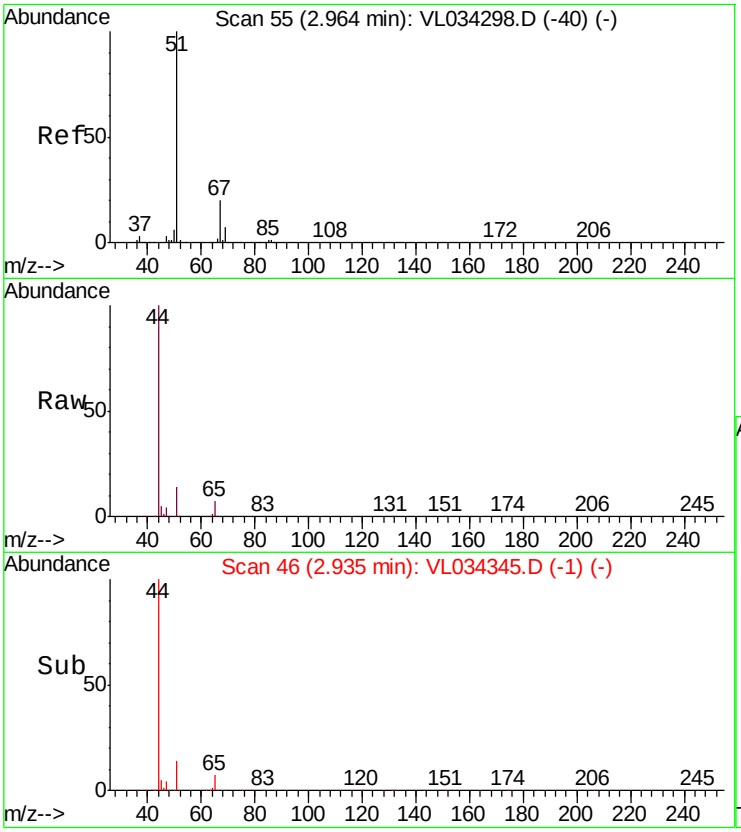


#2
Dichlorodifluoromethane
Concen: 0.299 ppbv
RT: 3.02 min Scan# 73
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 85 Resp: 50828

Ion	Ratio	Lower	Upper
85	100		
87	29.6	27.0	40.6



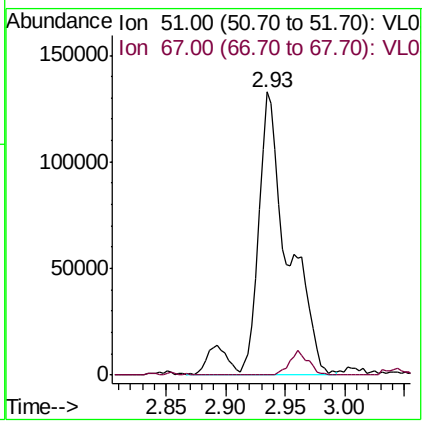


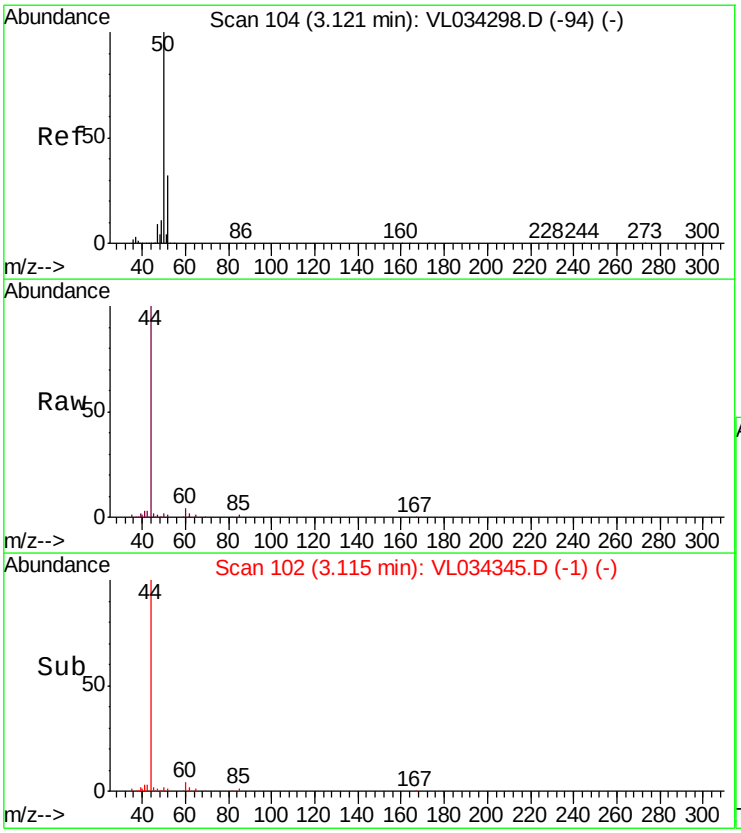
#3
Chlorodifluoromethane
Concen: 2.077 ppbv
RT: 2.93 min Scan# 46
Delta R.T. -0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 240323

Ion	Ratio	Lower	Upper
51	100		
67	5.3	15.8	23.8#

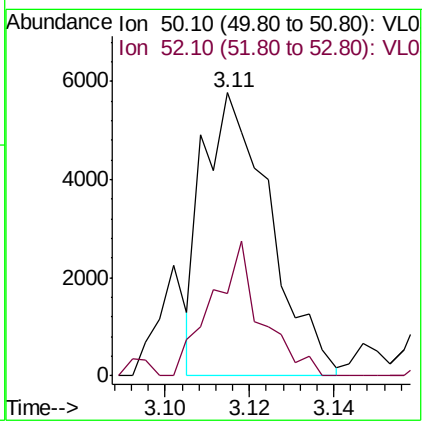


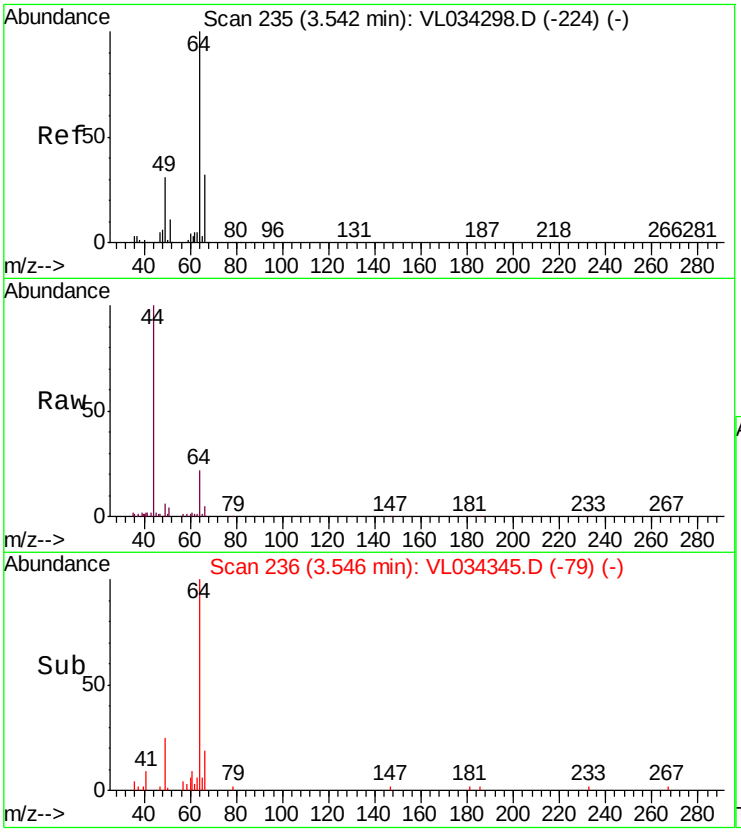


#4
Chloromethane
Concen: 0.093 ppbv
RT: 3.11 min Scan# 102
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 50 Resp: 6372

Ion	Ratio	Lower	Upper
50	100		
52	29.9	25.4	38.2



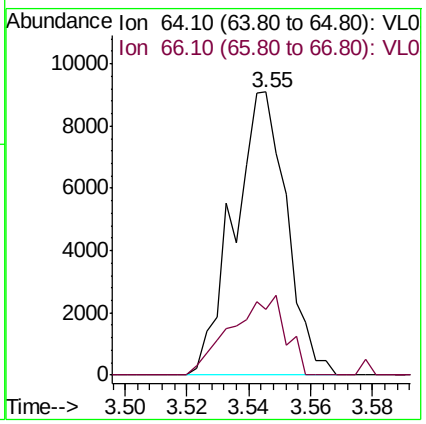


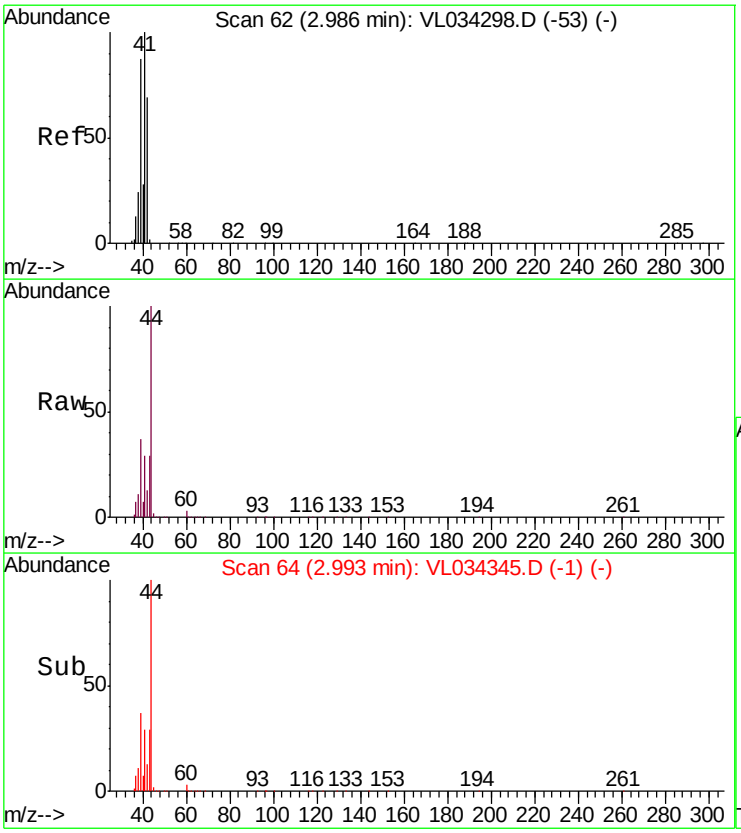
#7
Chloroethane
Concen: 0.472 ppbv
RT: 3.55 min Scan# 236
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 10836

Ion	Ratio	Lower	Upper
64	100		
66	23.4	25.4	38.0#

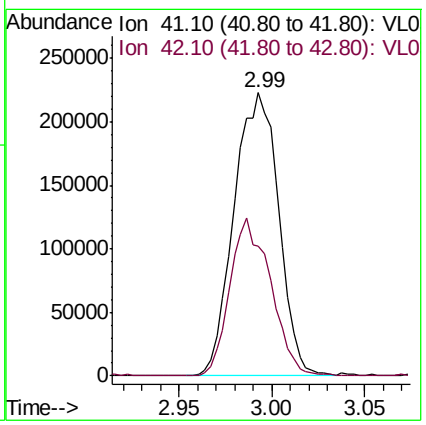


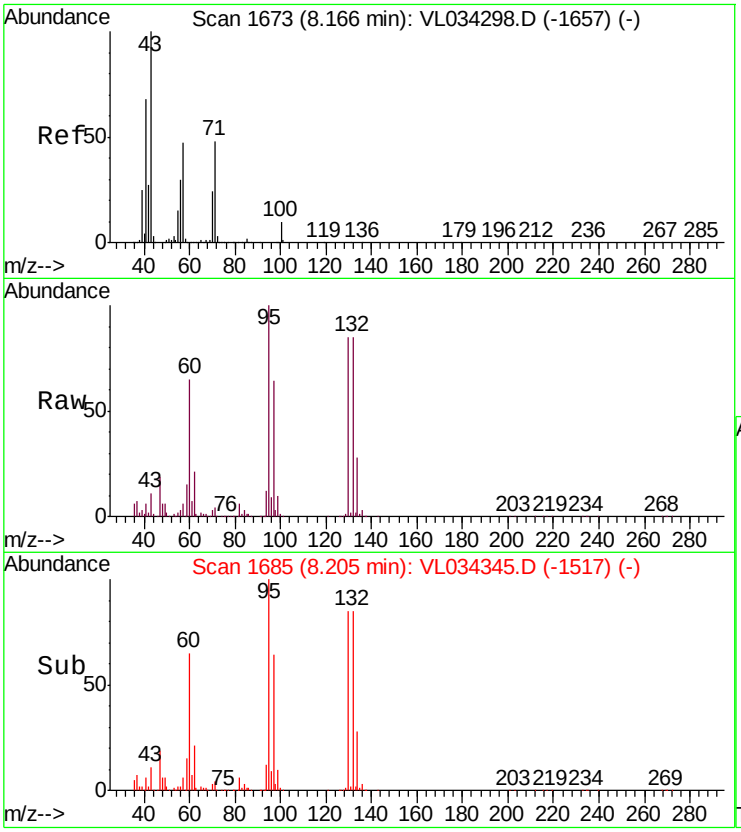


#9
Propene
Concen: 7.290 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 41 Resp: 373845

Ion	Ratio	Lower	Upper
41	100		
42	51.1	53.9	80.9#



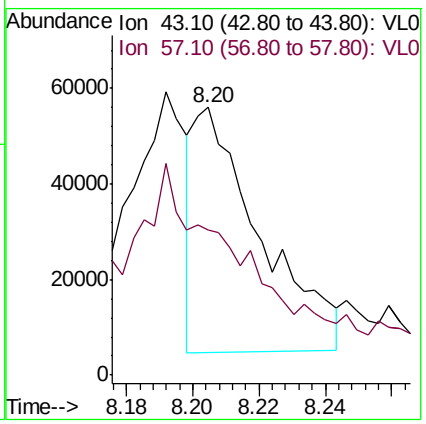


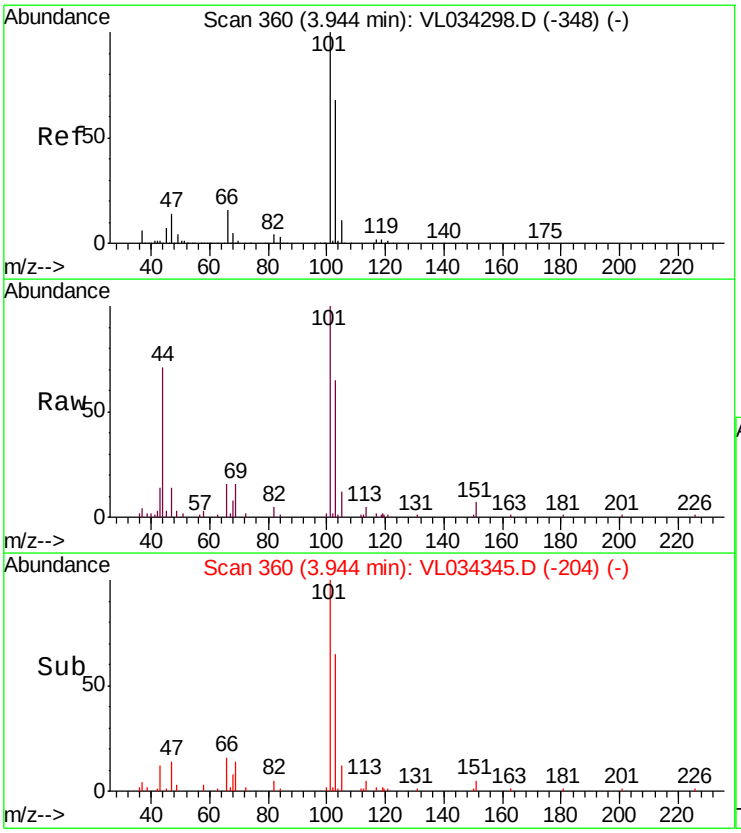
#10
Heptane
Concen: 0.538 ppbv
RT: 8.20 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 70867

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.5	59.3#

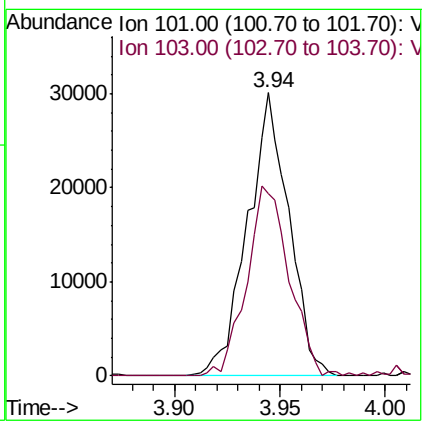


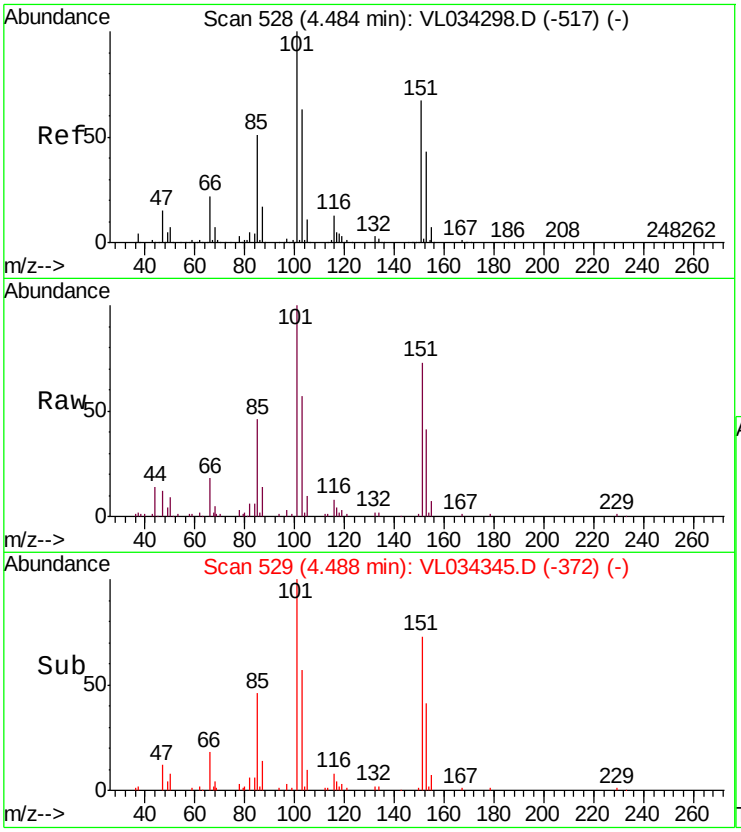


#11
Trichlorofluoromethane
Concen: 0.255 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:101 Resp: 41204

Ion	Ratio	Lower	Upper
101	100		
103	64.6	54.5	81.7



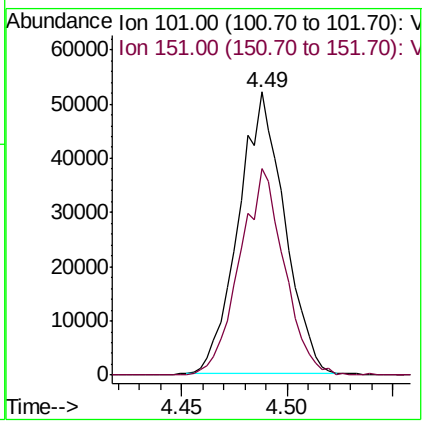


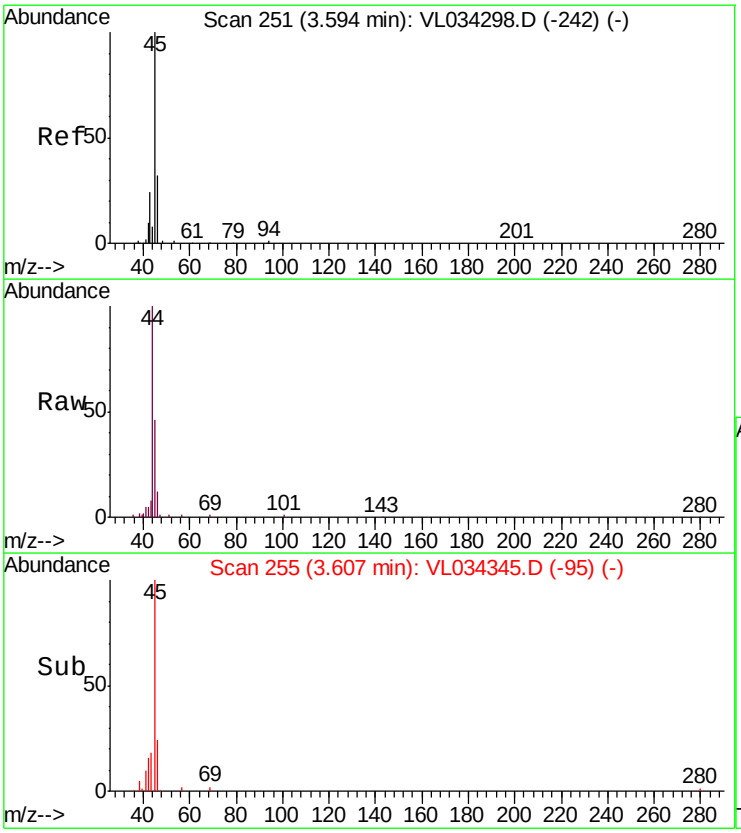
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.746 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 78966

Ion	Ratio	Lower	Upper
101	100		
151	70.9	57.4	86.2

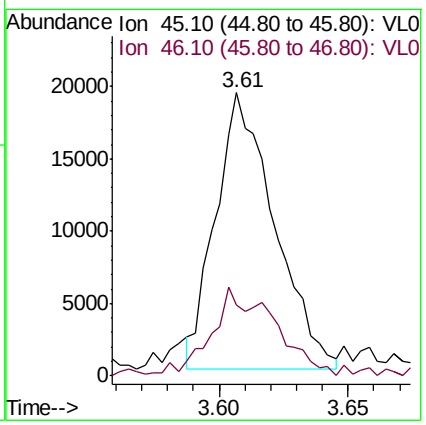


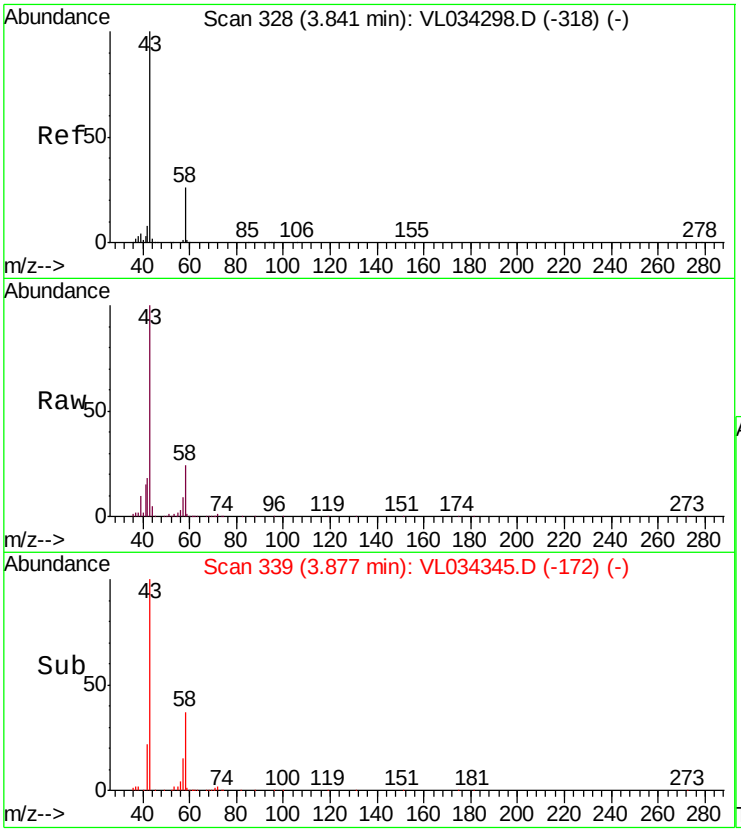


#13
Ethanol
Concen: 2.638 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 45 Resp: 30294

Ion	Ratio	Lower	Upper
45	100		
46	35.2	15.8	63.2



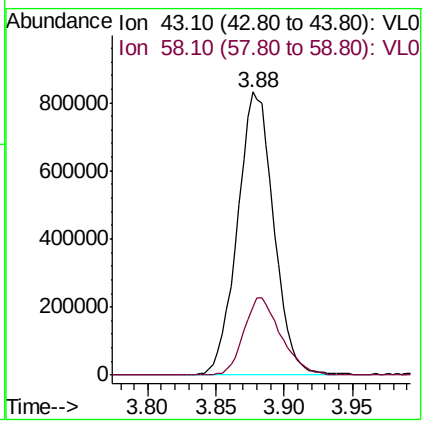


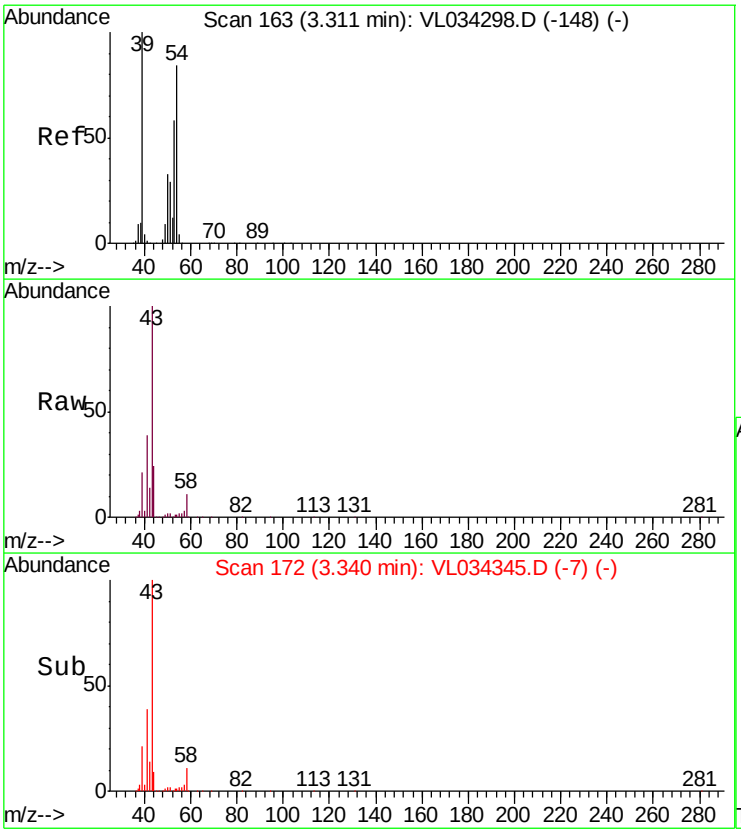
#15
Acetone
Concen: 10.867 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.04 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1534192

Ion	Ratio	Lower	Upper
43	100		
58	28.1	20.4	30.6

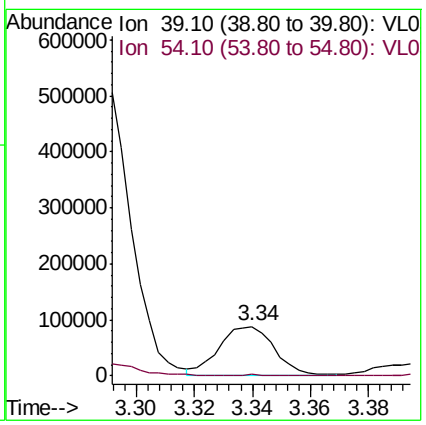


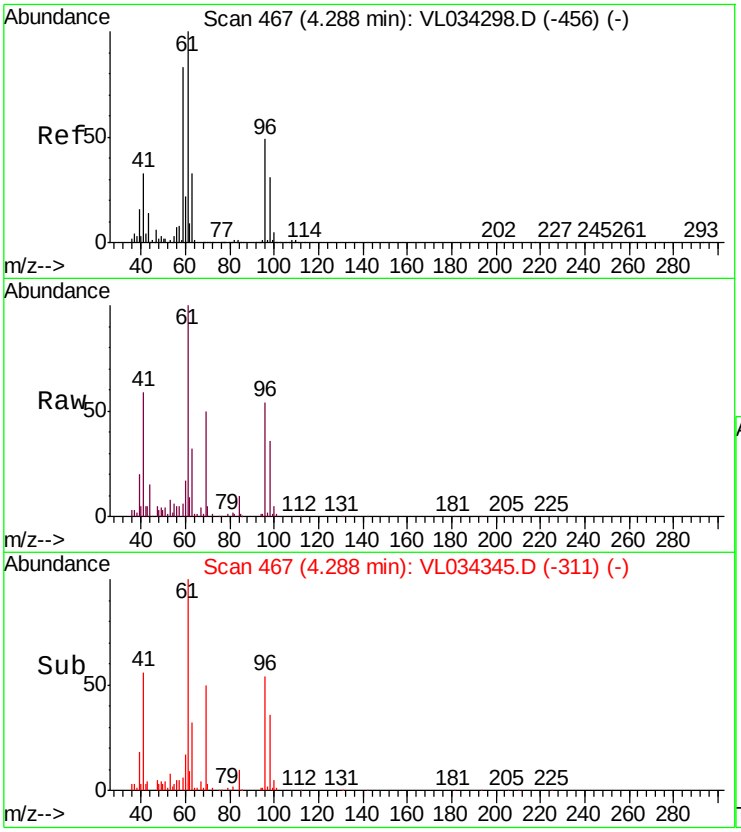


#16
1,3-Butadiene
Concen: 2.016 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 39 Resp: 115633

Ion	Ratio	Lower	Upper
39	100		
54	1.7	63.9	95.9#



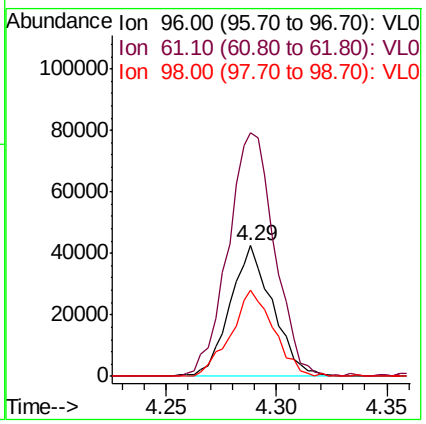


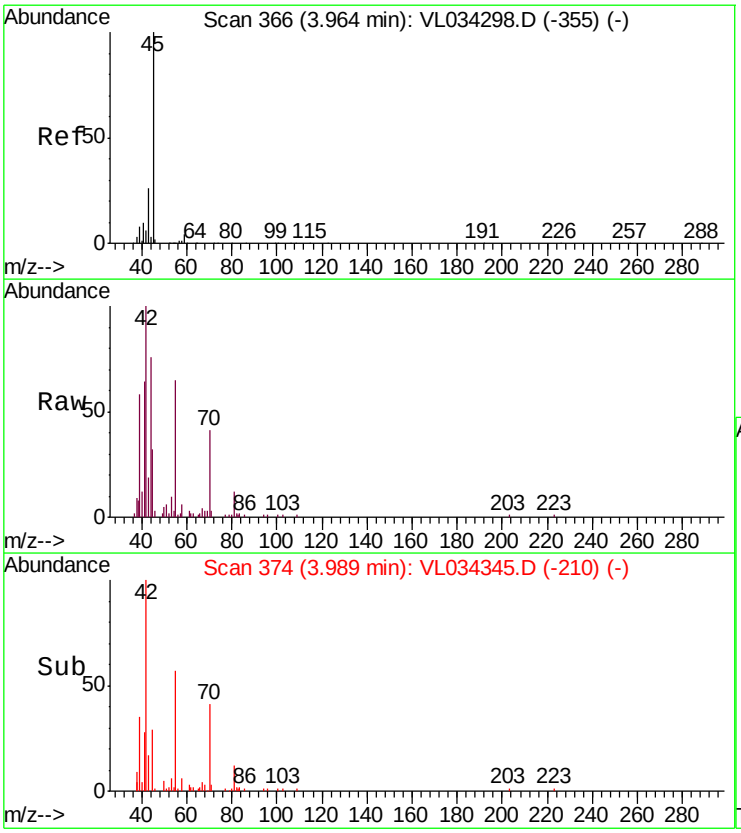
#18
1,1-Dichloroethene
Concen: 1.232 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 57093

Ion	Ratio	Lower	Upper
96	100		
61	185.0	164.5	246.7
98	66.3	51.7	77.5

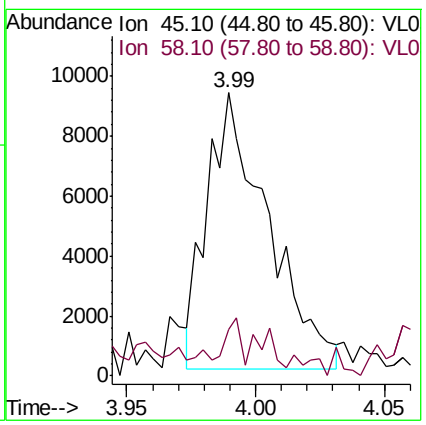


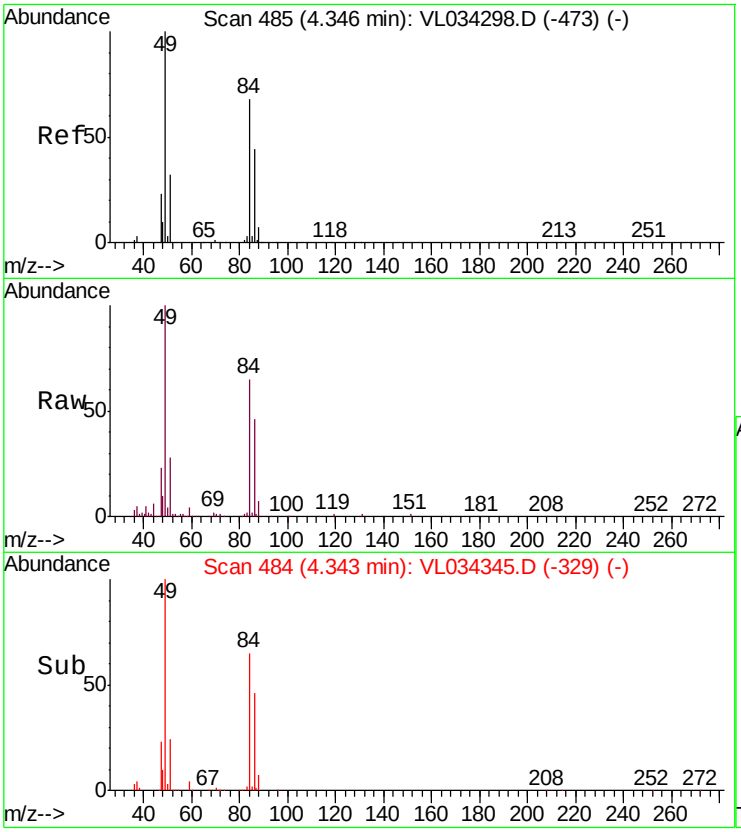


#19
Isopropyl Alcohol
Concen: 0.192 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 45 Resp: 15117

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#



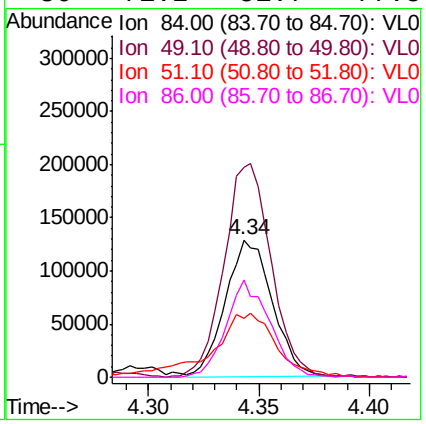


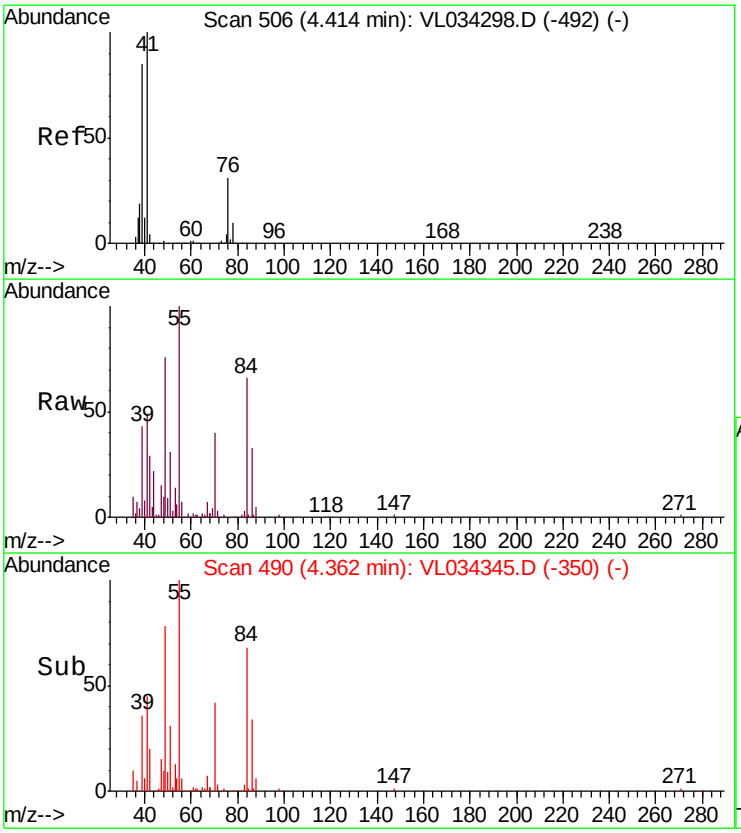
#20
Methylene Chloride
Concen: 3.723 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 190028

Ion	Ratio	Lower	Upper
84	100		
49	152.4	118.5	177.7
51	40.2	38.8	58.2
86	71.2	51.7	77.5

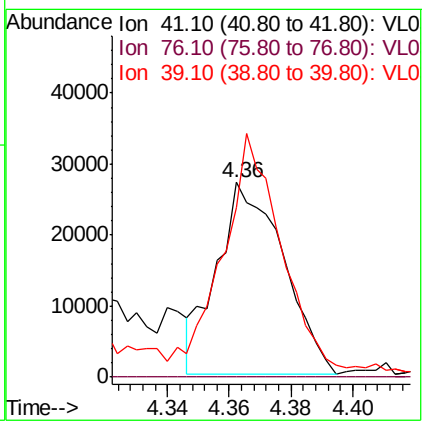


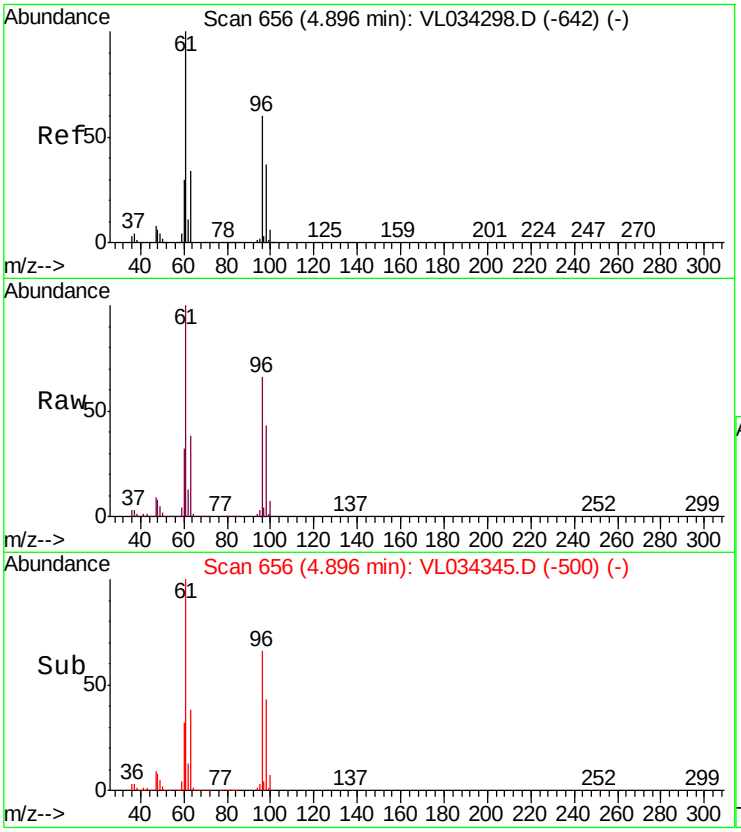


#21
Allyl Chloride
Concen: 0.518 ppbv
RT: 4.36 min Scan# 490
Delta R.T. -0.05 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 41 Resp: 40435

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	113.6	66.0	99.0#



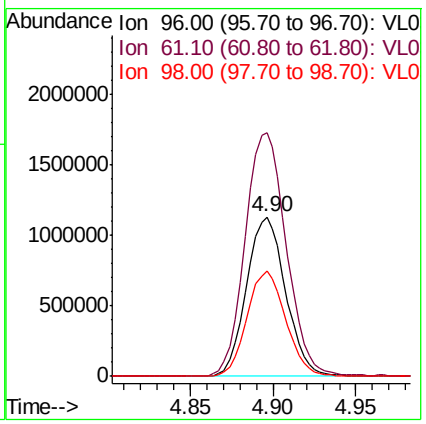


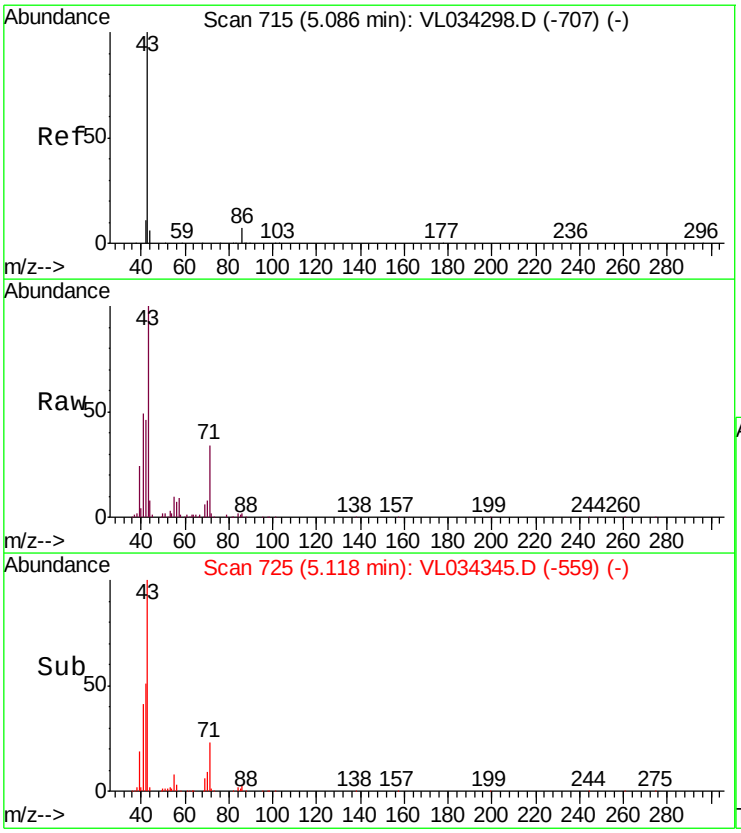
#22
trans-1,2-Dichloroethene
Concen: 40.046 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 1851064

Ion	Ratio	Lower	Upper
96	100		
61	152.4	133.8	200.6
98	65.9	49.4	74.0

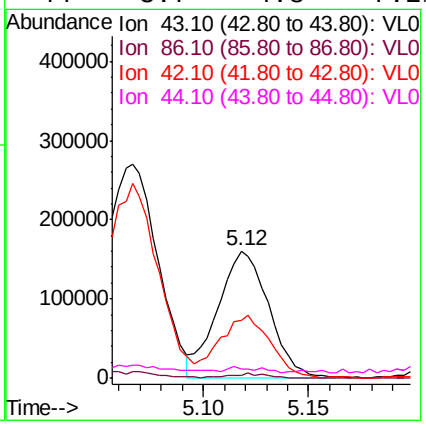


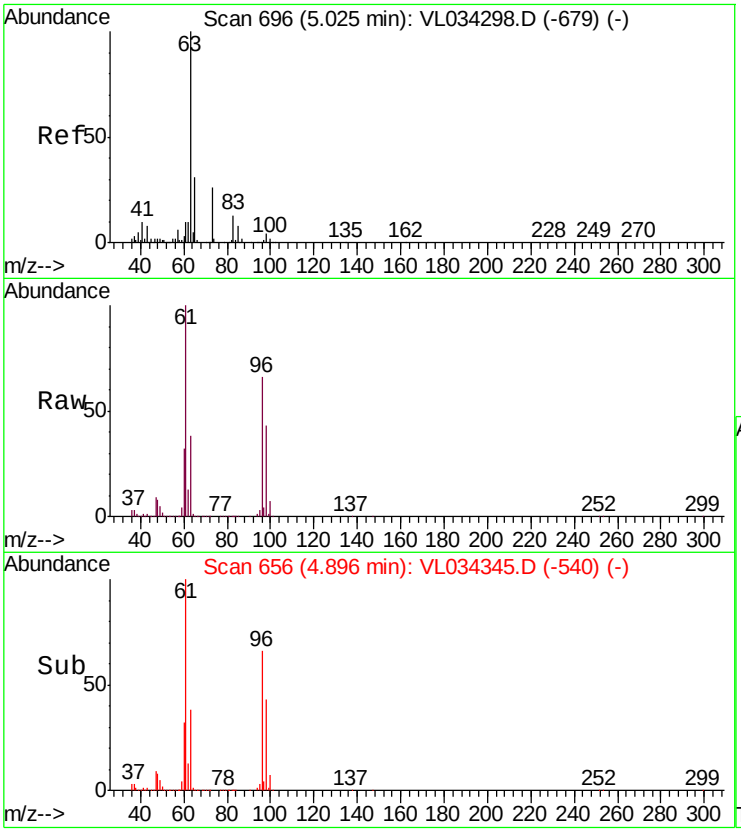


#23
Vinyl Acetate
Concen: 1.520 ppbv
RT: 5.12 min Scan# 725
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 43 Resp: 267986

Ion	Ratio	Lower	Upper
43	100		
86	2.5	5.0	7.4#
42	45.4	8.6	13.0#
44	3.7	4.8	7.2#



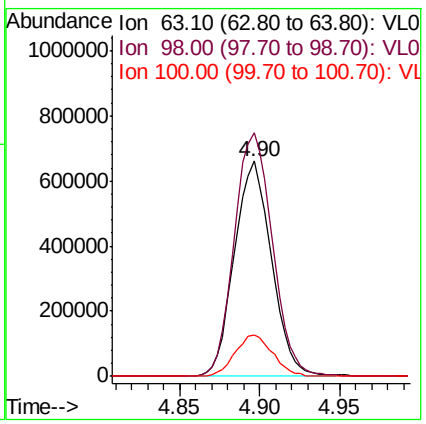


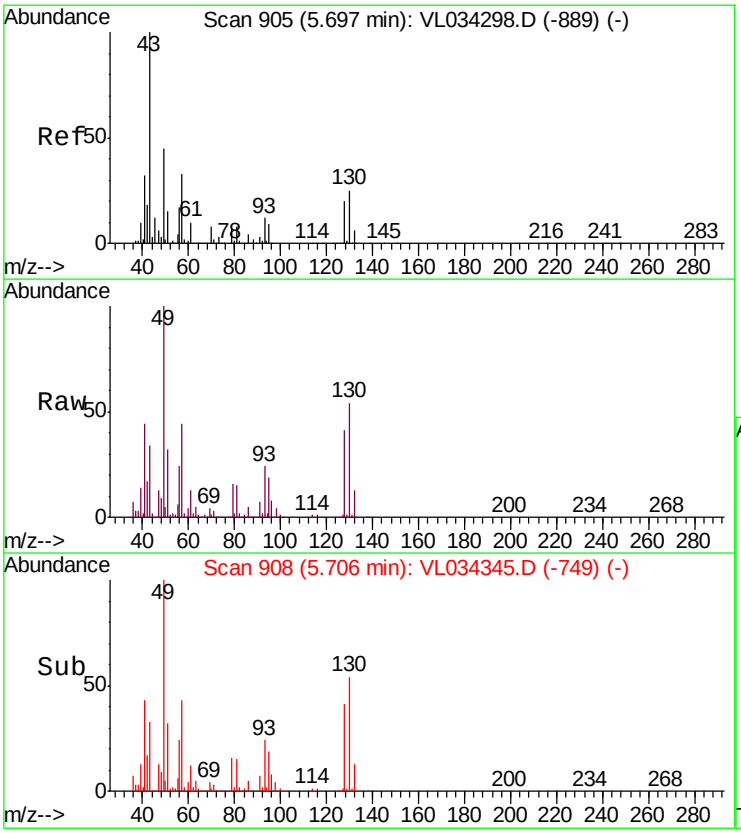
#24
1,1-Dichloroethane
Concen: 7.976 ppbv
RT: 4.90 min Scan# 656
Delta R.T. -0.13 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1043602

Ion	Ratio	Lower	Upper
63	100		
98	113.2	2.0	6.0#
100	19.3	1.1	3.5#

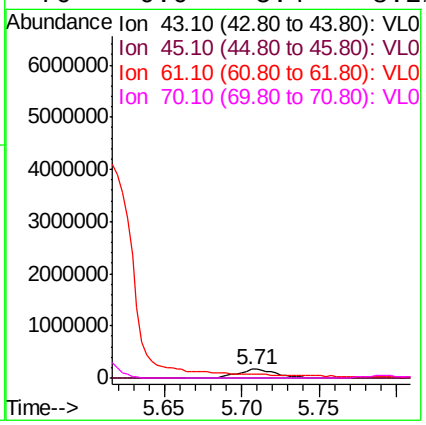


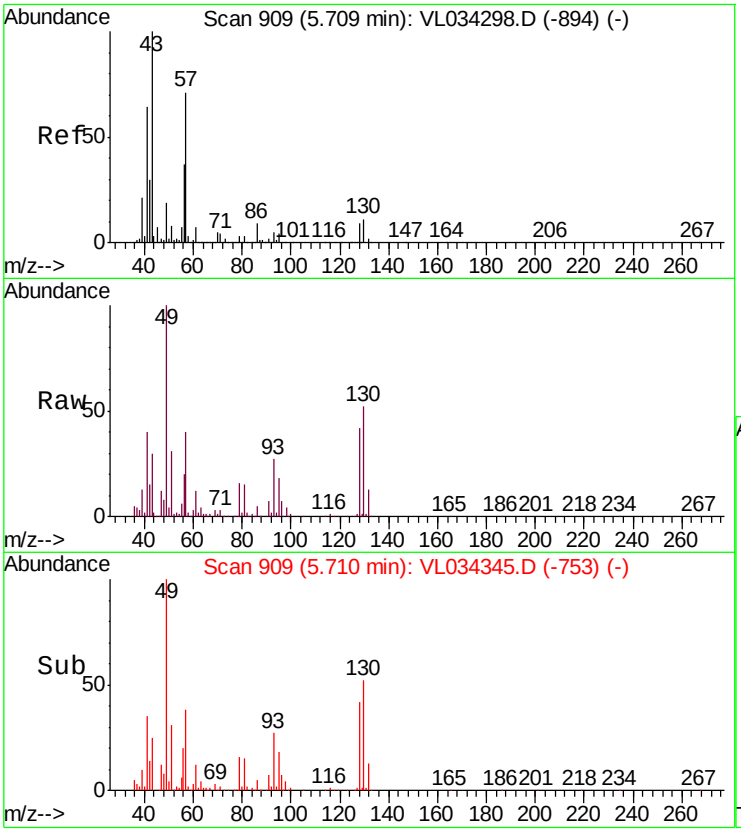


#25
Ethyl Acetate
Concen: 1.180 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 43 Resp: 281268

Ion	Ratio	Lower	Upper
43	100		
45	2.5	8.3	12.5#
61	0.0	7.7	11.5#
70	0.0	5.4	8.2#



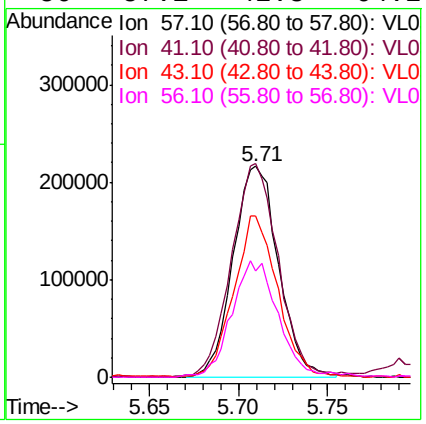


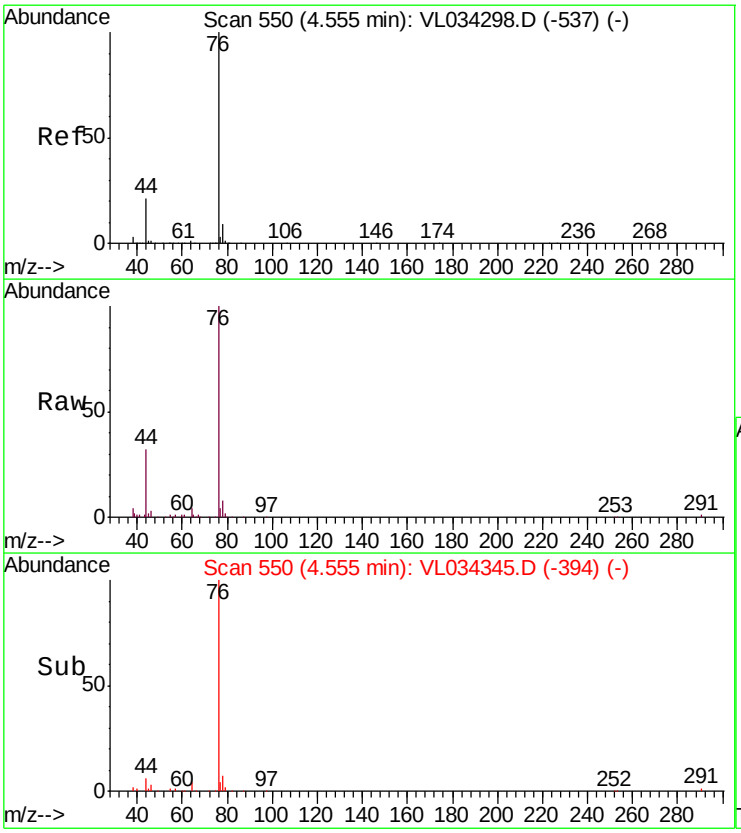
#26
Hexane
Concen: 3.771 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 383062

Ion	Ratio	Lower	Upper
57	100		
41	104.6	76.5	114.7
43	74.5	188.5	282.7#
56	57.1	42.8	64.2

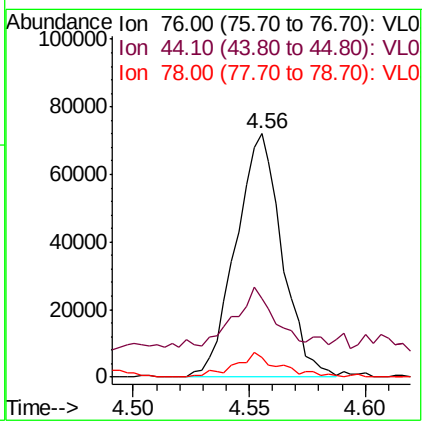


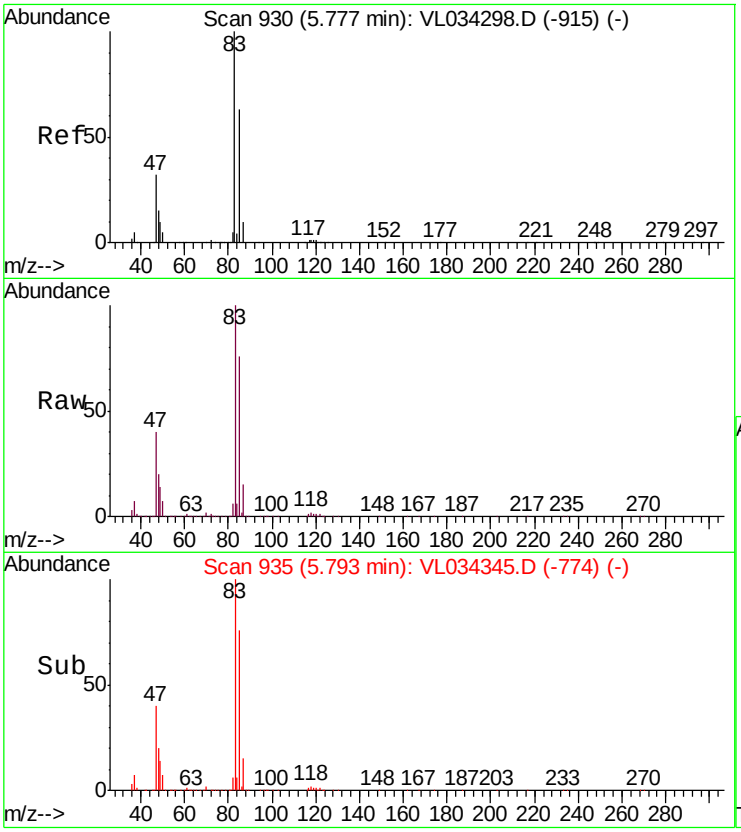


#27
Carbon Disulfide
Concen: 0.949 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 76 Resp: 100051

Ion	Ratio	Lower	Upper
76	100		
44	24.1	17.3	25.9
78	10.0	7.8	11.6



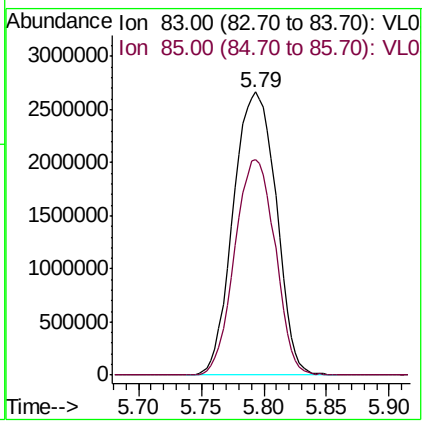


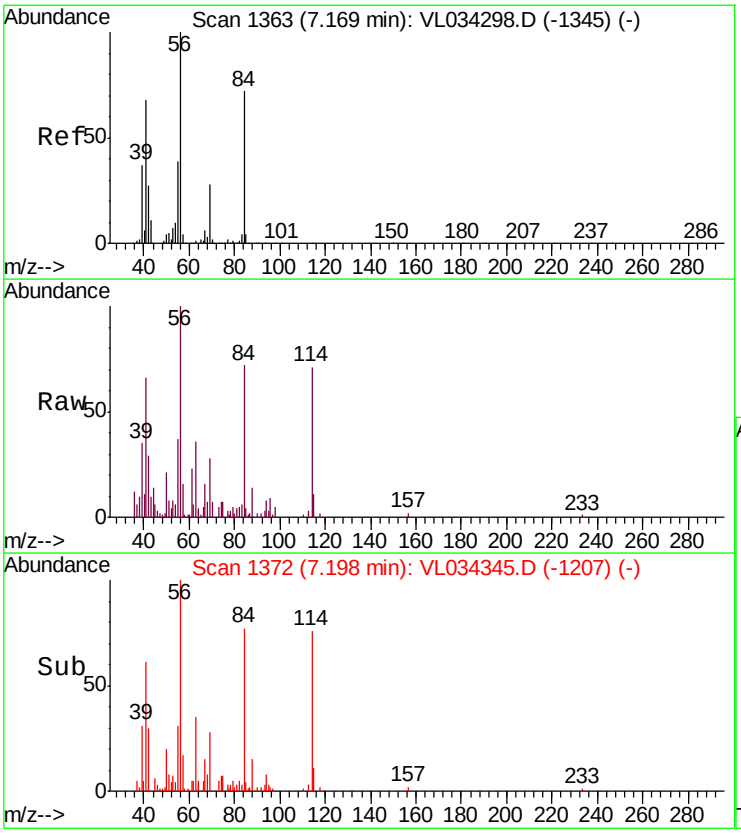
#29
Chloroform
Concen: 39.440 ppbv
RT: 5.79 min Scan# 935
Delta R.T. 0.02 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 6338053

Ion	Ratio	Lower	Upper
83	100		
85	76.3	50.5	75.7#

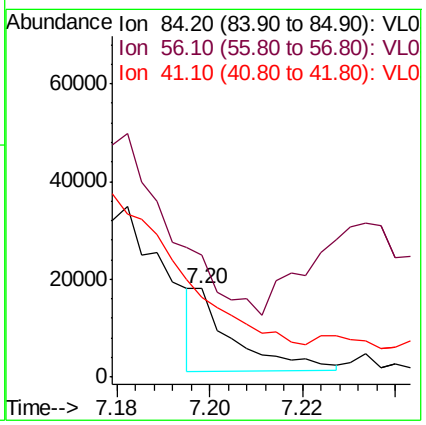


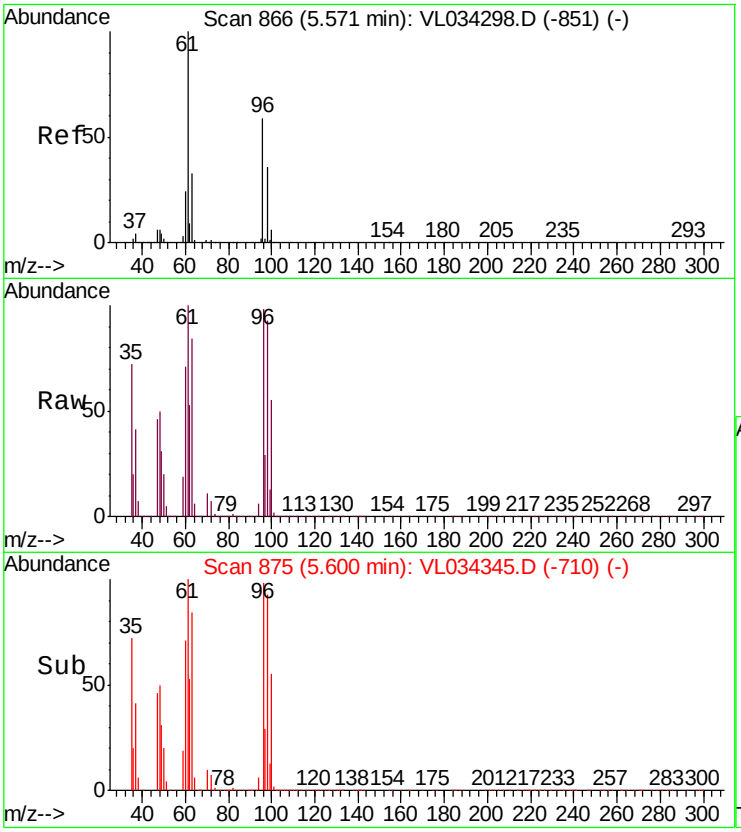


#30
Cyclohexane
Concen: 0.125 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 84 Resp: 9358

Ion	Ratio	Lower	Upper
84	100		
56	0.0	119.4	179.0#
41	0.0	78.7	118.1#



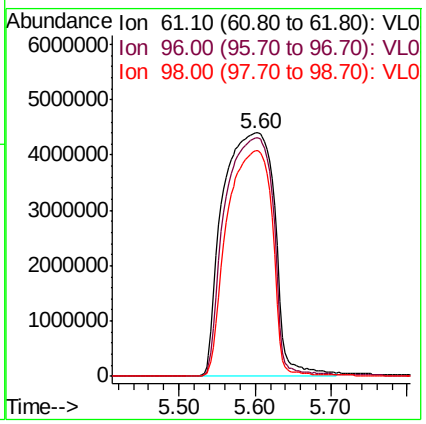


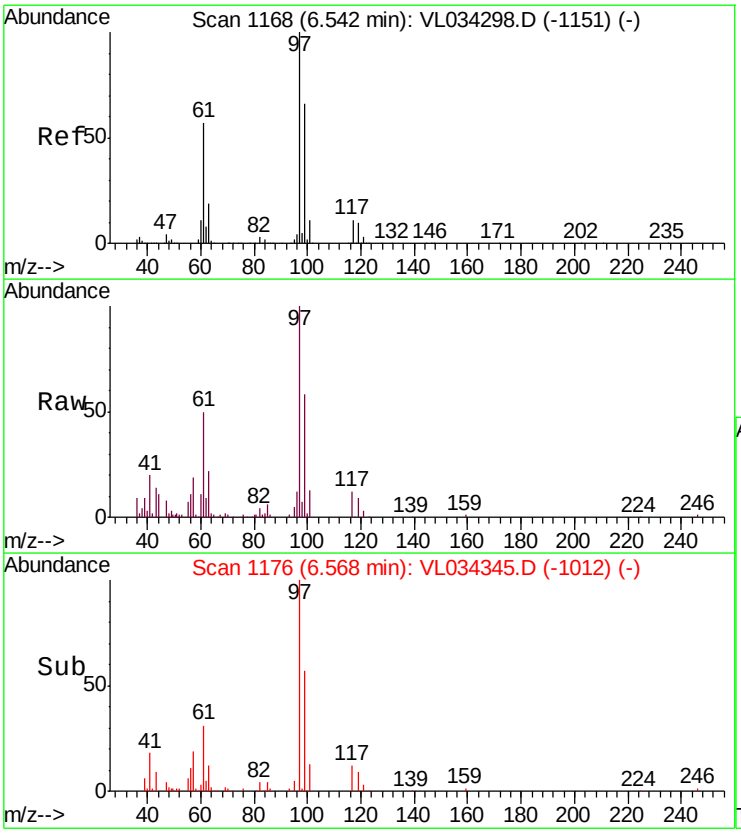
#31
cis-1,2-Dichloroethene
Concen: 201.920 ppbv
RT: 5.60 min Scan# 875
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp:20818374

Ion	Ratio	Lower	Upper
61	100		
96	97.8	47.5	71.3#
98	92.7	28.8	43.2#

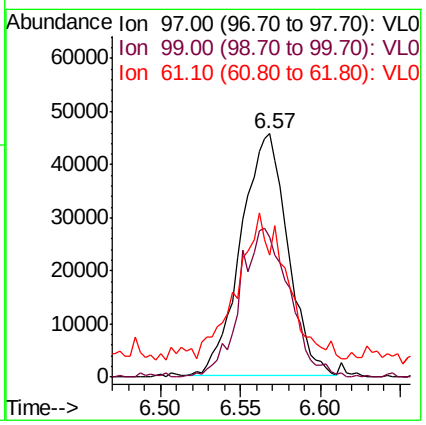


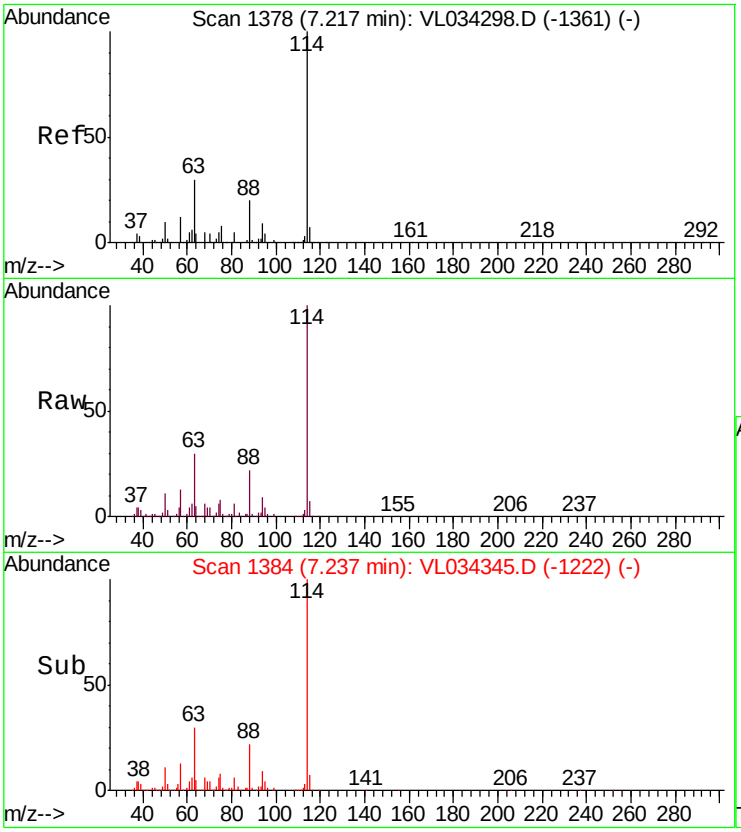


#32
1,1,1-Trichloroethane
Concen: 0.585 ppbv
RT: 6.57 min Scan# 1176
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 97 Resp: 91370

Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.6	78.8
61	63.4	44.5	66.7



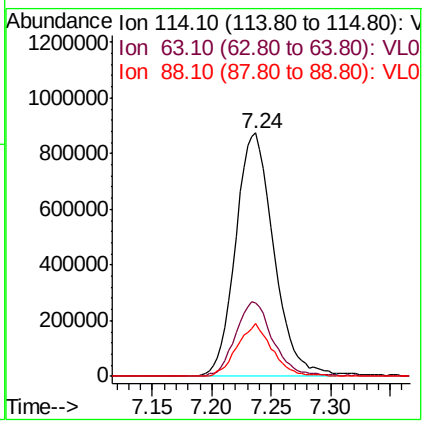


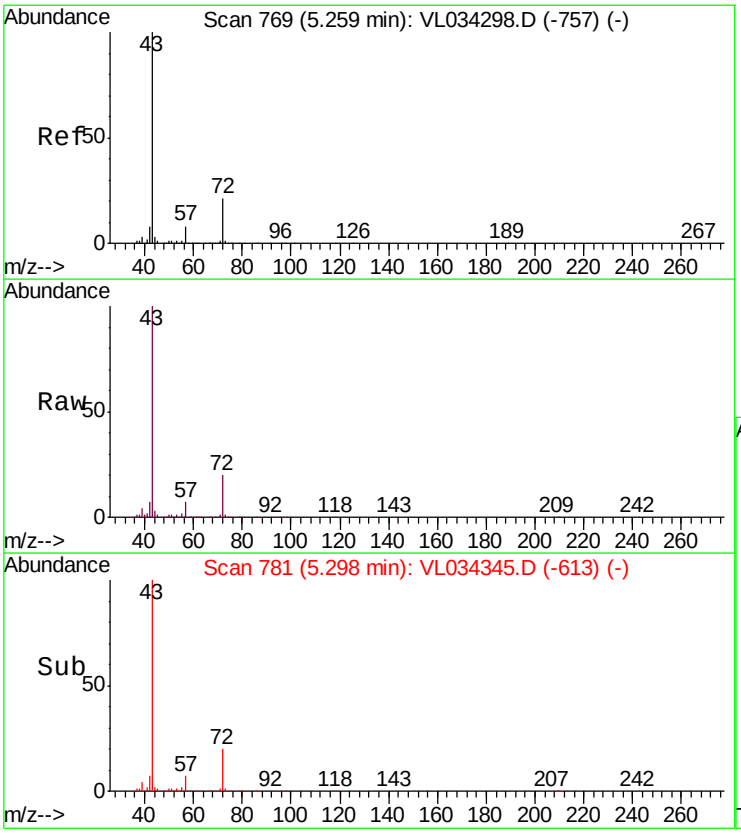
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1384
Delta R.T. 0.02 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 1946669

Ion	Ratio	Lower	Upper
114	100		
63	30.4	25.2	37.8
88	20.1	16.0	24.0

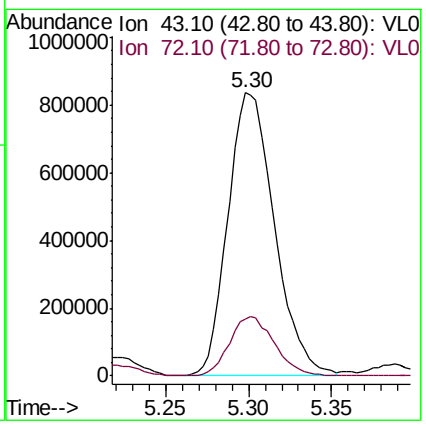


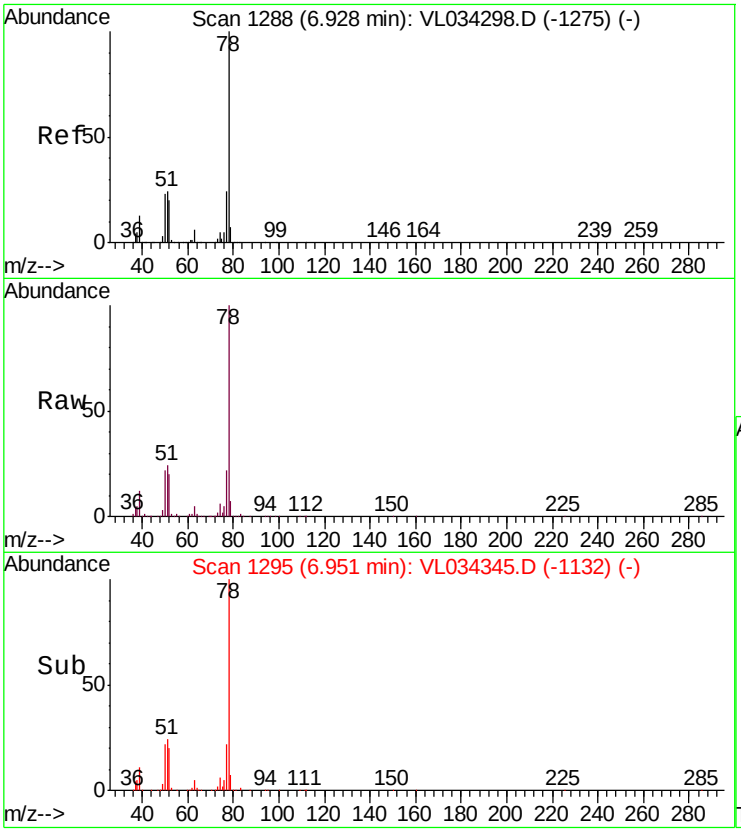


#34
2-Butanone
Concen: 10.247 ppbv
RT: 5.30 min Scan# 781
Delta R.T. 0.04 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 43 Resp: 1630533

Ion	Ratio	Lower	Upper
43	100		
72	20.6	16.3	24.5



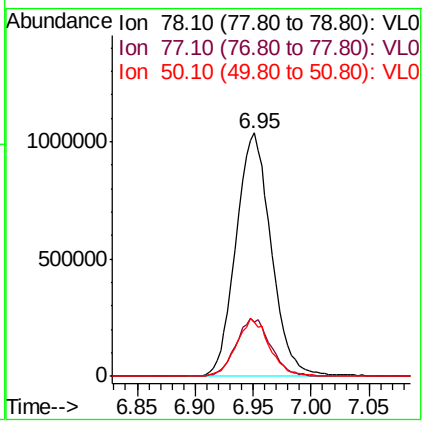


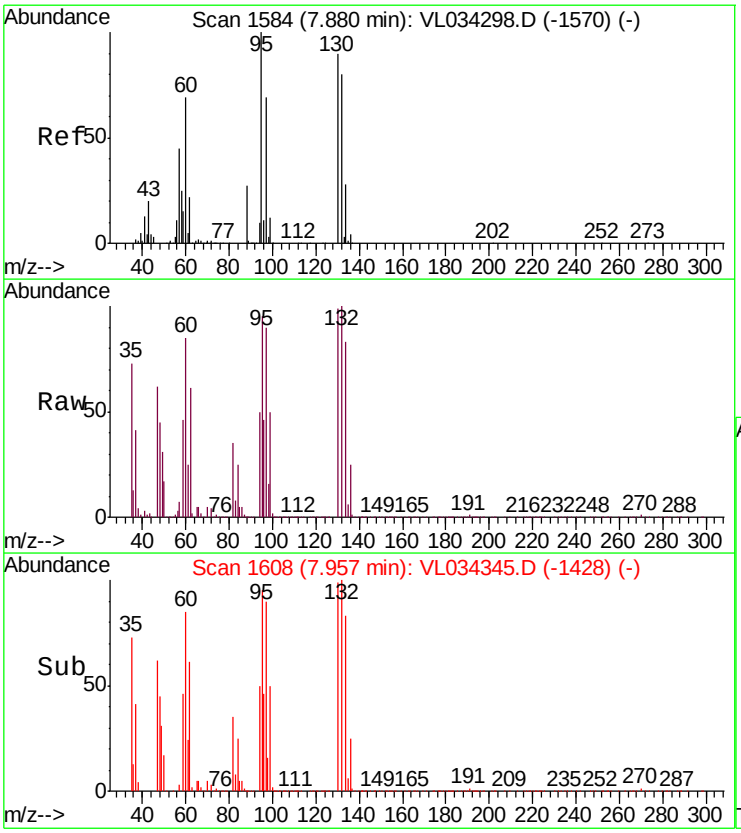
#36
Benzene
Concen: 11.731 ppbv
RT: 6.95 min Scan# 1295
Delta R.T. 0.02 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 2191145

Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.4
50	22.0	18.6	27.8

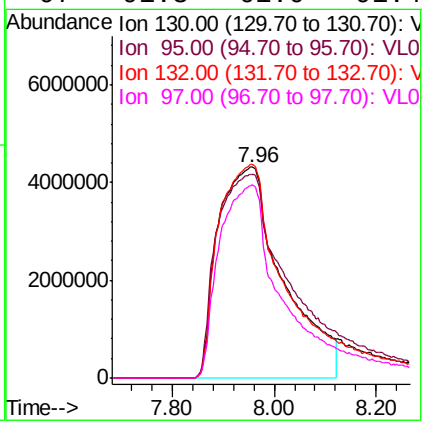


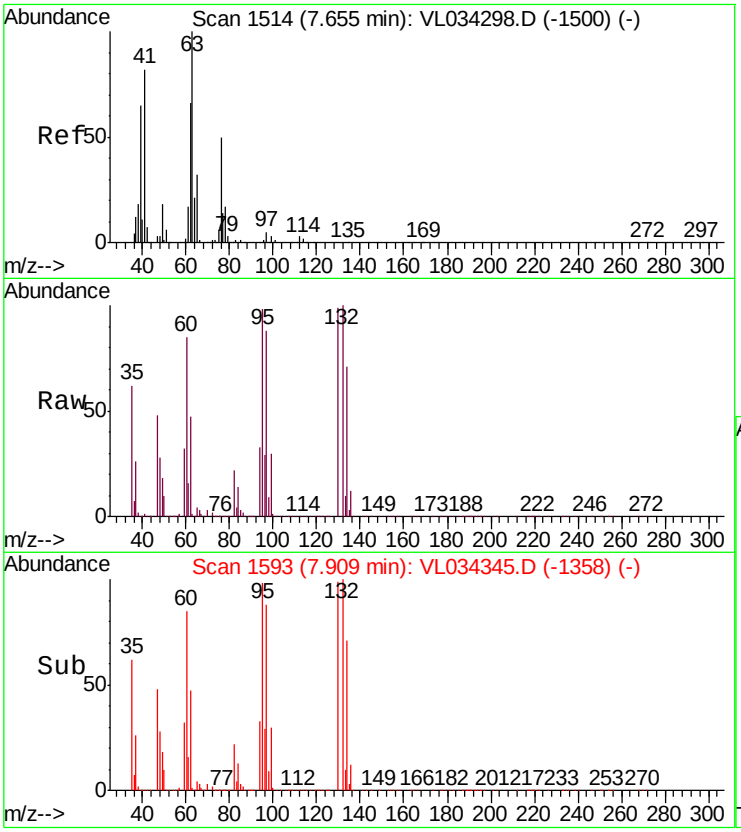


#38
Trichloroethene
Concen: 507.706 ppbv
RT: 7.96 min Scan# 1608
Delta R.T. 0.08 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:130 Resp:38052825

Ion	Ratio	Lower	Upper
130	100		
95	96.5	88.6	132.8
132	101.1	71.2	106.8
97	91.3	61.0	91.4



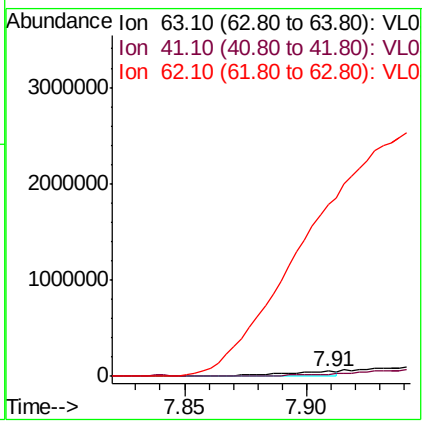


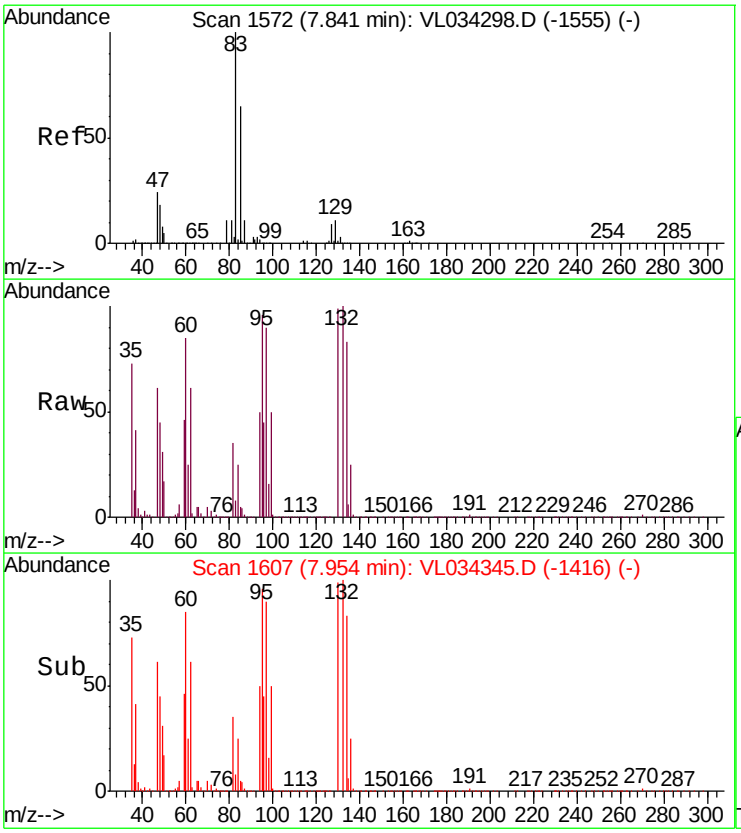
#39
1,2-Dichloropropane
Concen: 1.055 ppbv
RT: 7.91 min Scan# 1593
Delta R.T. 0.25 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 84829

Ion	Ratio	Lower	Upper
63	100		
41	28.0	65.6	98.4#
62	3538.5	53.0	79.6#

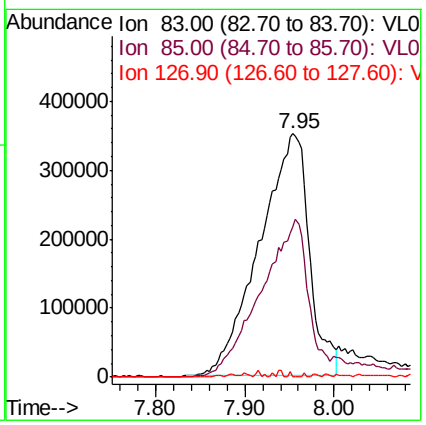


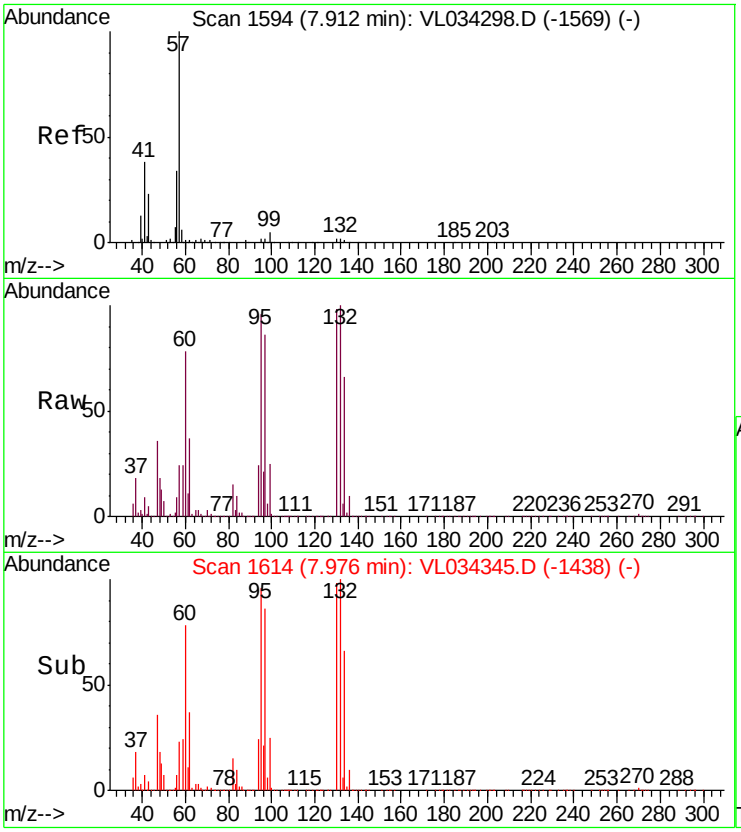


#42
Bromodichloromethane
Concen: 8.009 ppbv
RT: 7.95 min Scan# 1607
Delta R.T. 0.11 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 83 Resp: 1365569

Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.8	77.6
127	0.0	7.0	10.6#



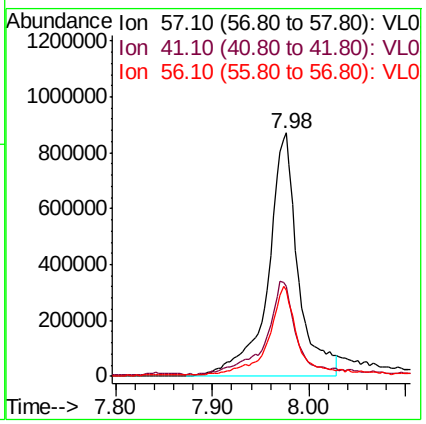


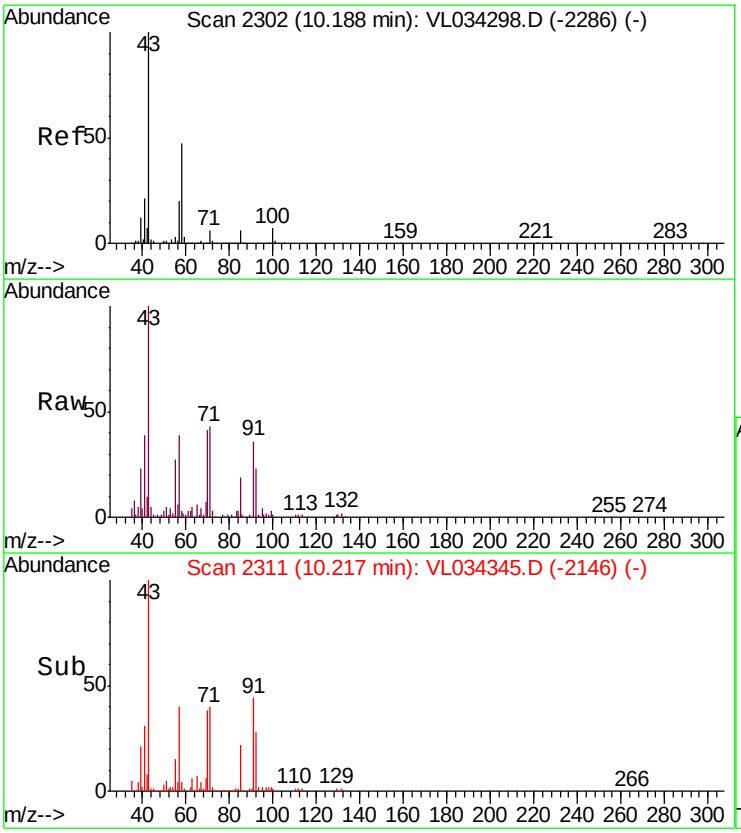
#44
2,2,4-Trimethylpentane
Concen: 5.403 ppbv
RT: 7.98 min Scan# 1614
Delta R.T. 0.06 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 1867876

Ion	Ratio	Lower	Upper
57	100		
41	41.2	29.3	43.9
56	37.7	25.3	37.9

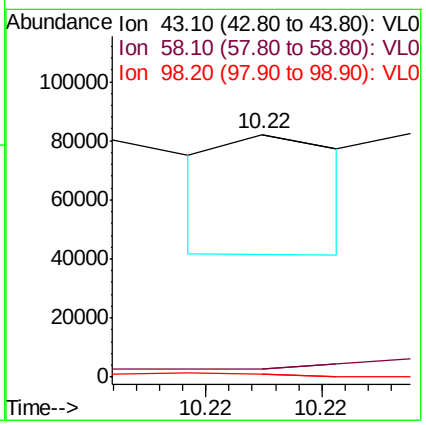


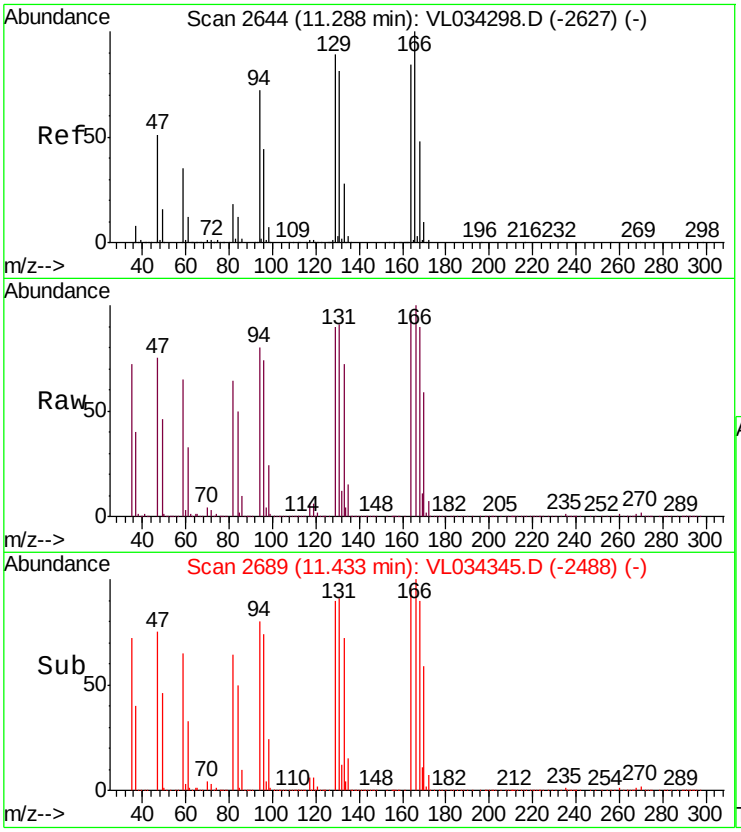


#51
2-Hexanone
Concen: 0.079 ppbv
RT: 10.22 min Scan# 2311
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 43 Resp: 14757

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.0	55.6#
98	0.0	0.2	0.2#



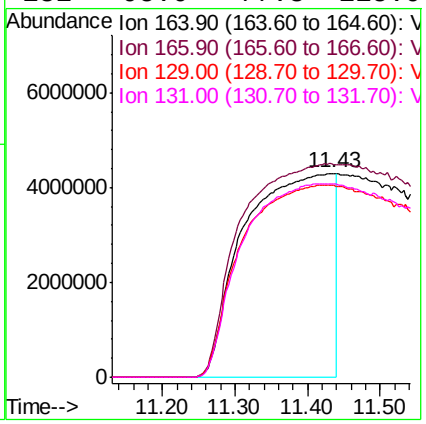


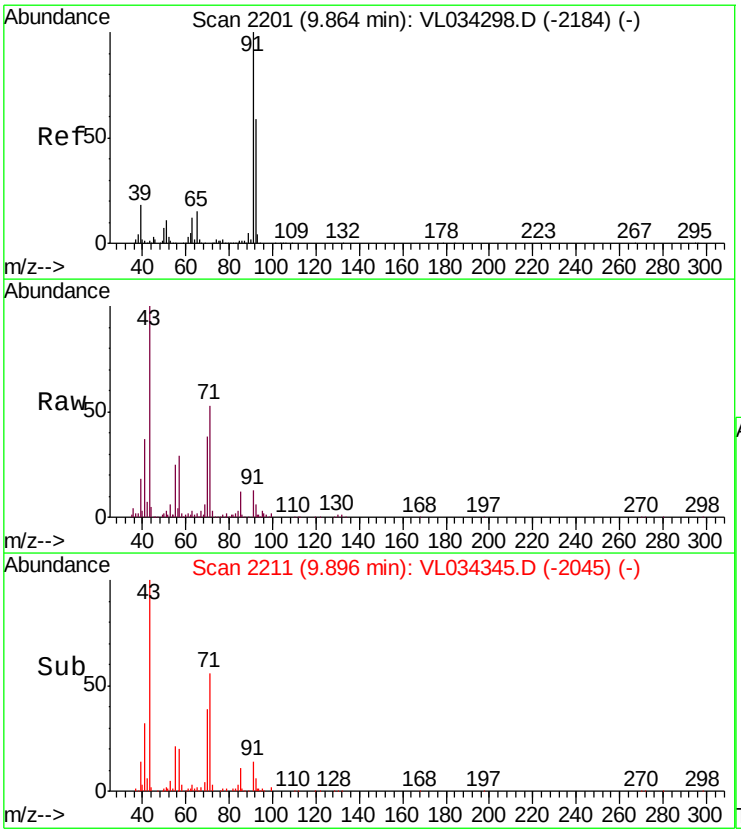
#52
Tetrachloroethene
Concen: 493.468 ppbv
RT: 11.43 min Scan# 2689
Delta R.T. 0.14 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp:36127777

Ion	Ratio	Lower	Upper
164	100		
166	104.7	95.3	142.9
129	94.0	84.5	126.7
131	95.0	77.3	115.9

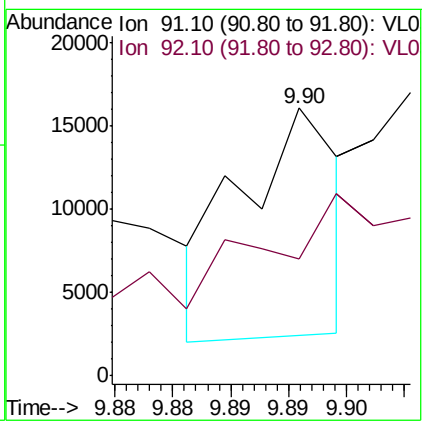


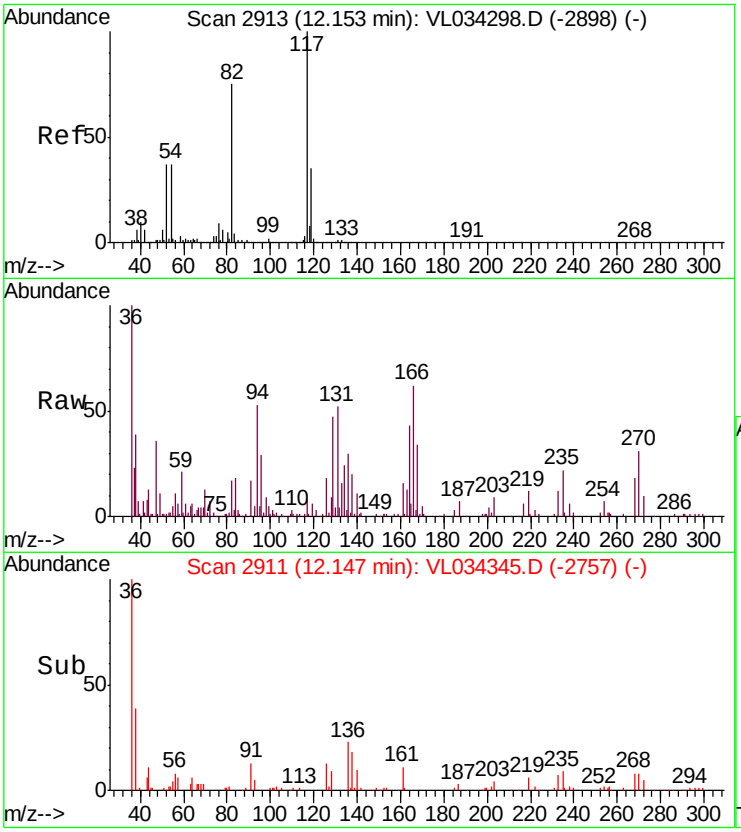


#53
Toluene
Concen: 0.039 ppbv
RT: 9.90 min Scan# 2211
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 91 Resp: 8137

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#



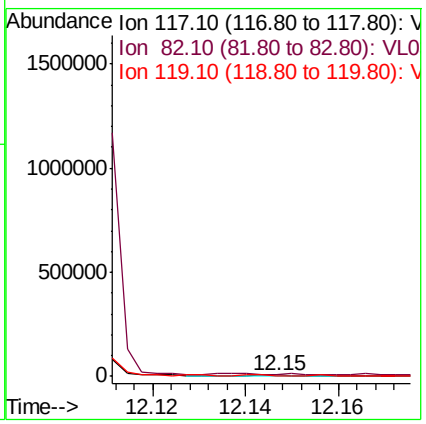


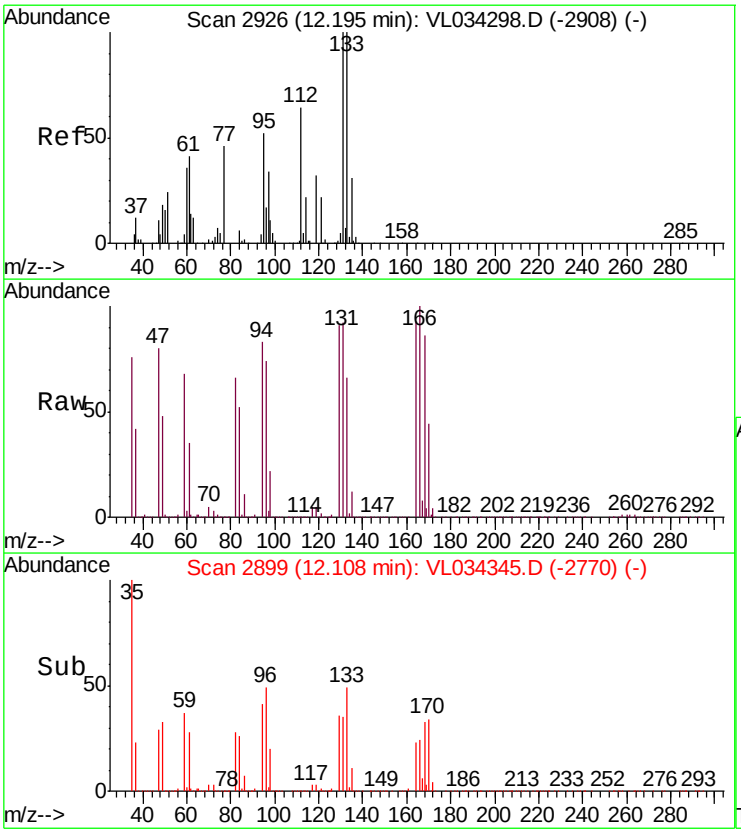
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 7385

Ion	Ratio	Lower	Upper
117	100		
82	0.0	55.5	83.3#
119	0.0	26.5	39.7#

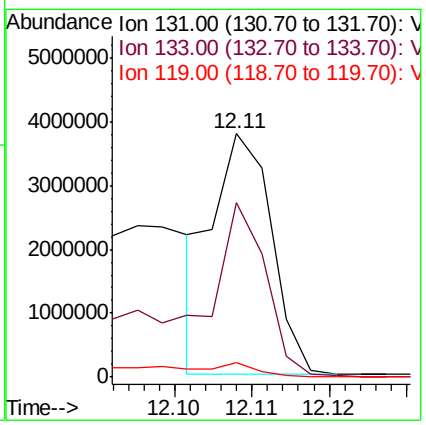


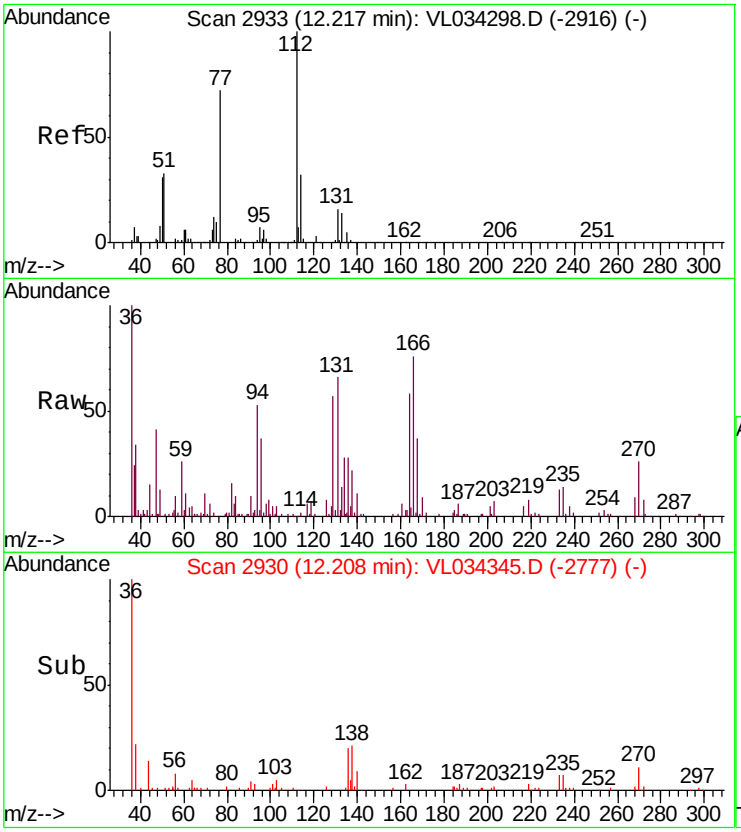


#56
1,1,1,2-Tetrachloroethane
Concen: 5750.723 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.09 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:131 Resp: 1957193

Ion	Ratio	Lower	Upper
131	100		
133	239.7	77.1	115.7#
119	31.6	49.0	73.4#



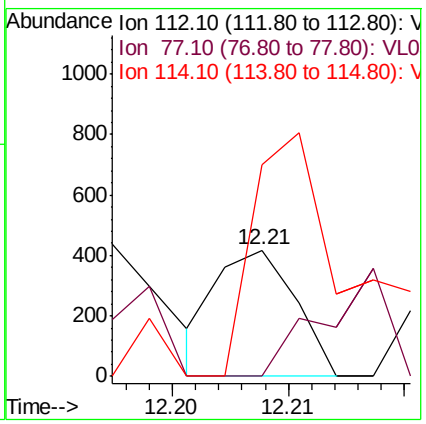


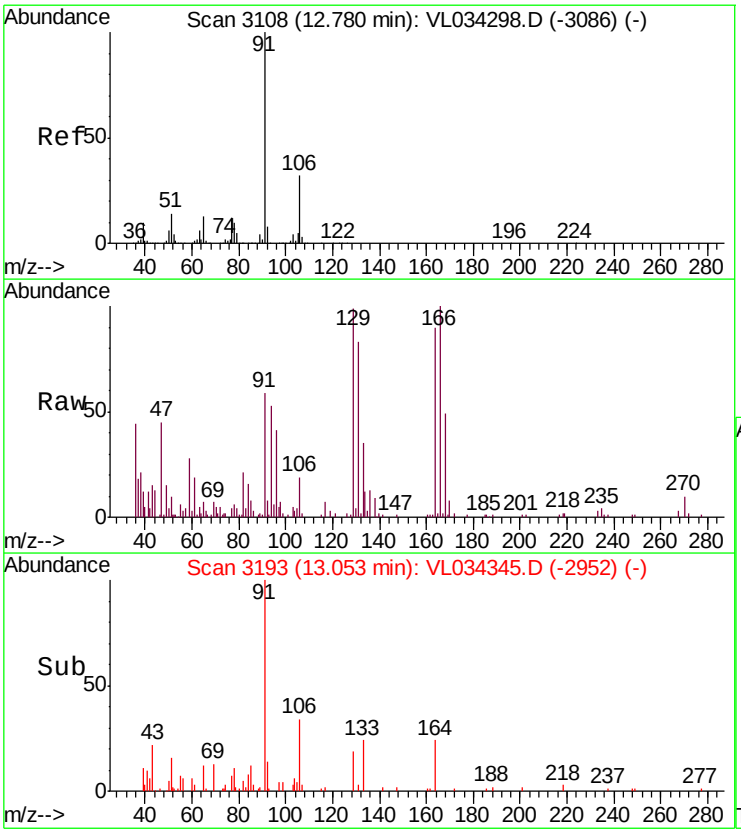
#57
Chlorobenzene
Concen: 0.320 ppbv
RT: 12.21 min Scan# 2930
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 197

Ion	Ratio	Lower	Upper
112	100		
77	0.0	58.6	88.0#
114	167.2	28.6	35.0#

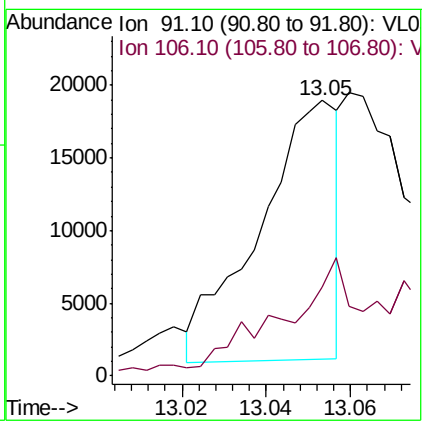


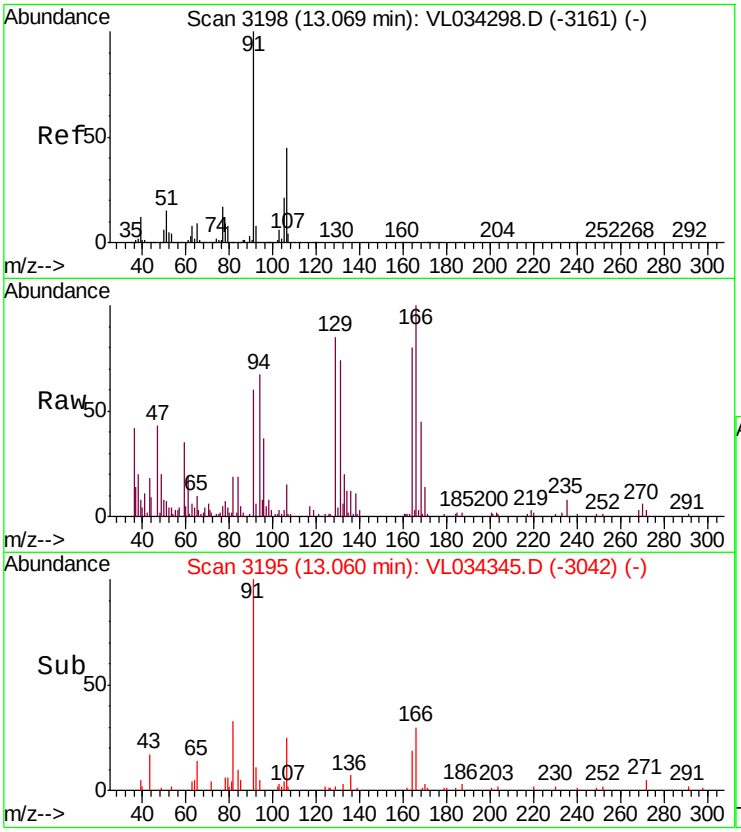


#58
Ethyl Benzene
Concen: 22.434 ppbv
RT: 13.05 min Scan# 3193
Delta R.T. 0.27 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 91 Resp: 23160

Ion	Ratio	Lower	Upper
91	100		
106	34.8	25.3	37.9



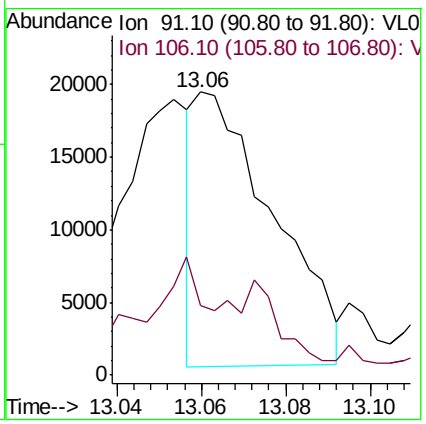


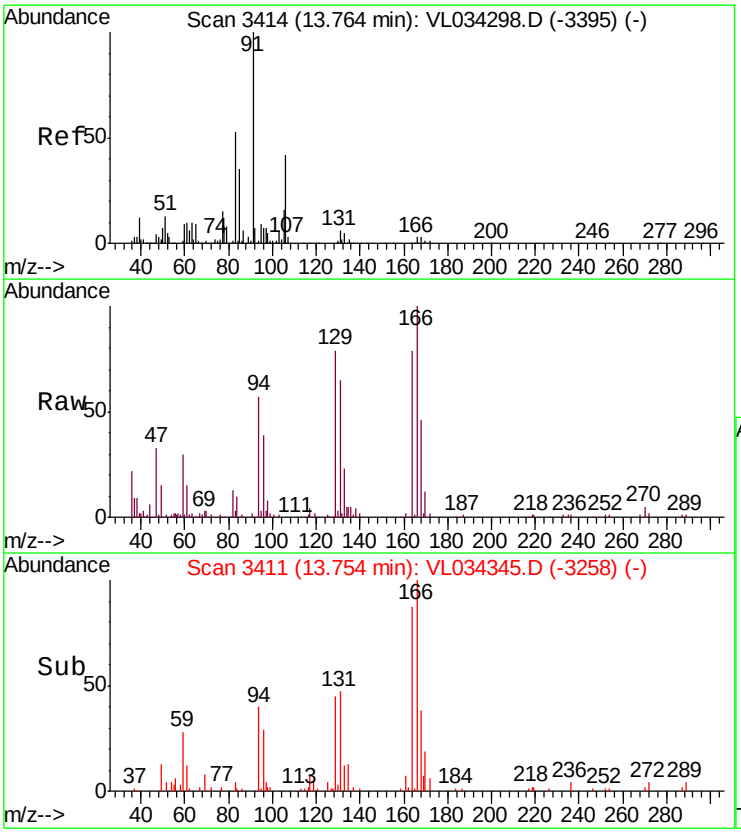
#59
m/p-Xylene
Concen: 27.098 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 24238

Ion	Ratio	Lower	Upper
91	100		
106	74.5	35.4	53.2#

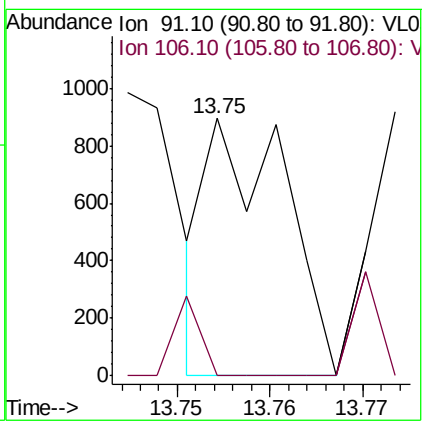


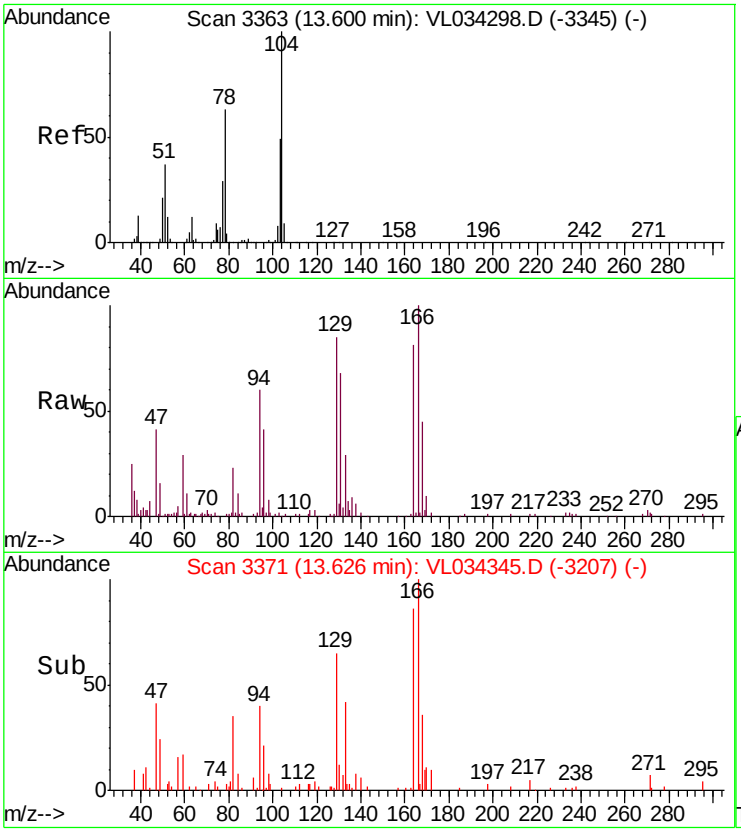


#60
o-Xylene
Concen: 0.595 ppbv
RT: 13.75 min Scan# 3411
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 91 Resp: 530

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.6	64.6#



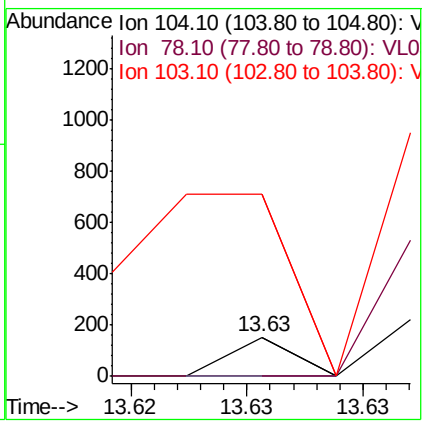


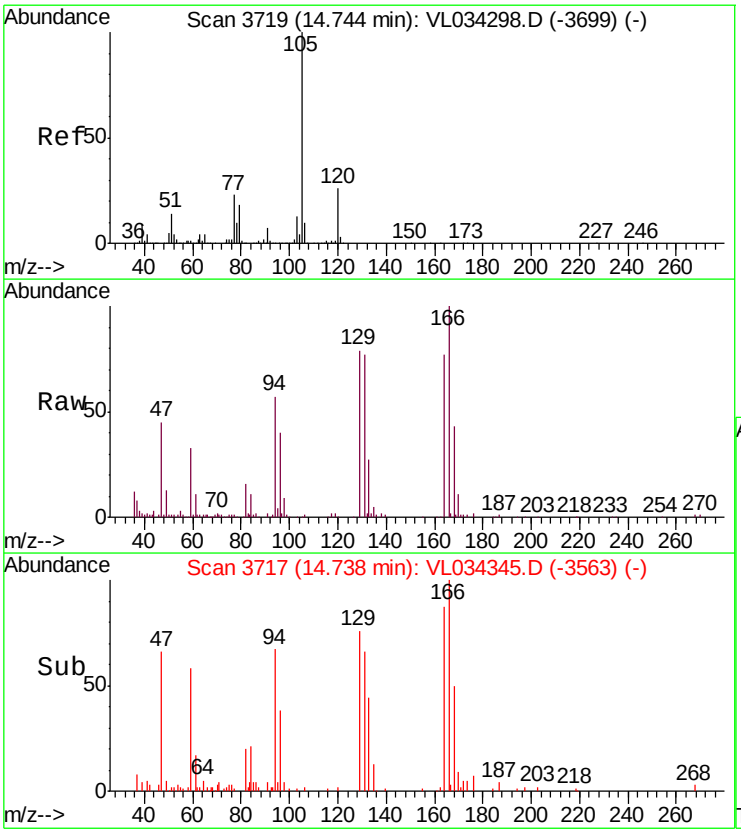
#61
Styrene
Concen: 0.046 ppbv
RT: 13.63 min Scan# 3371
Delta R.T. 0.03 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 29

Ion	Ratio	Lower	Upper
104	100		
78	955.2	47.8	71.8#
103	0.0	39.0	58.6#

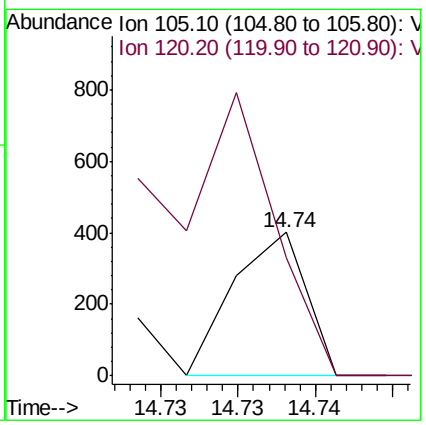


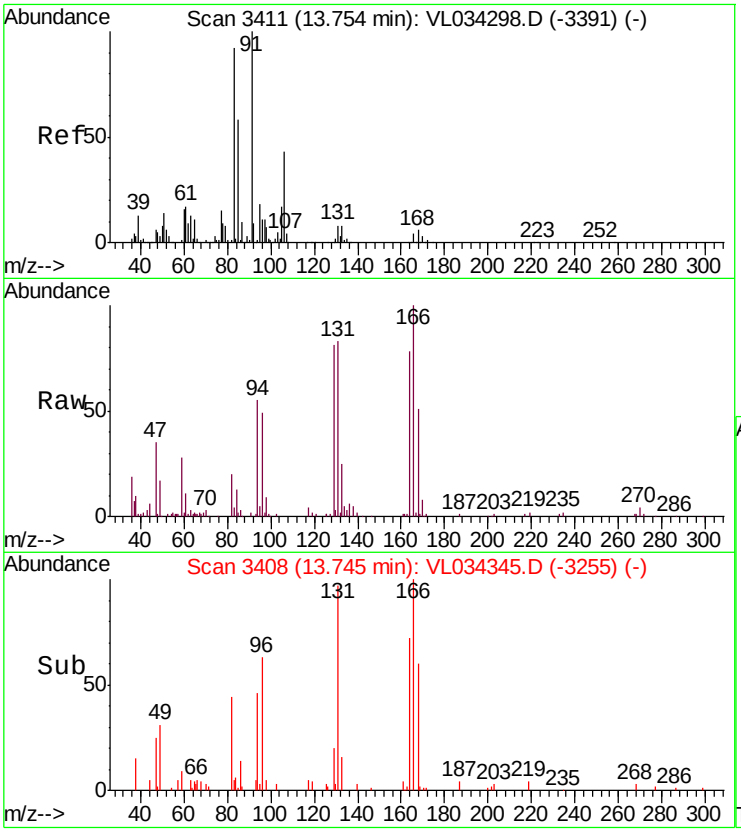


#62
Isopropylbenzene
Concen: 0.112 ppbv
RT: 14.74 min Scan# 3717
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:105 Resp: 132

Ion	Ratio	Lower	Upper
105	100		
120	661.4	20.8	31.2#



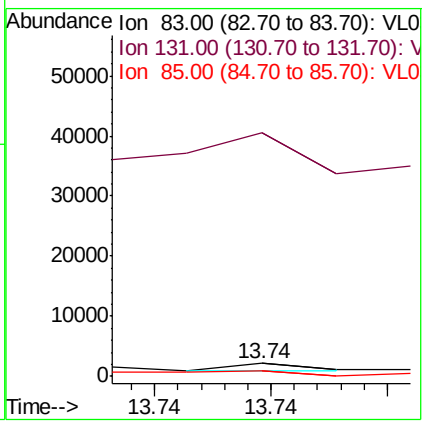


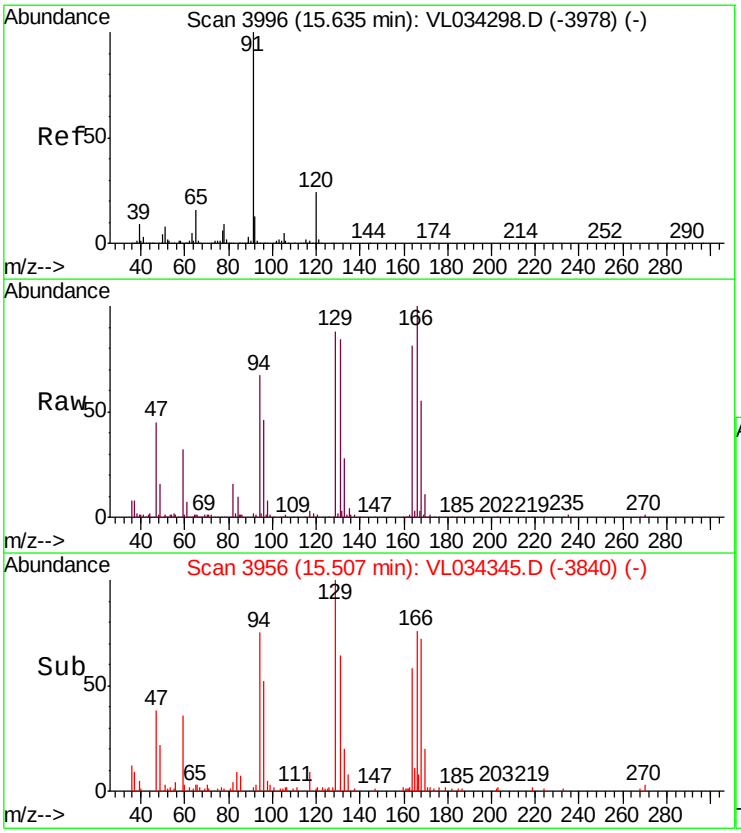
#63
1,1,2,2-Tetrachloroethane
Concen: 0.324 ppbv
RT: 13.74 min Scan# 3408
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 232

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	640.1	32.5	97.4#

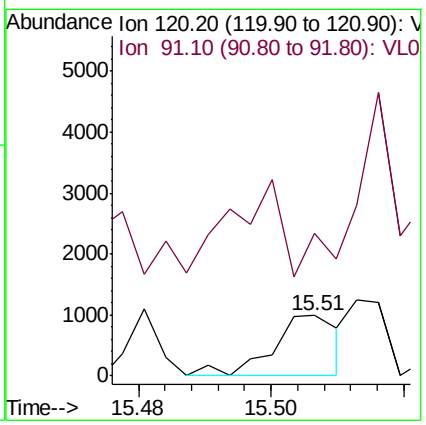


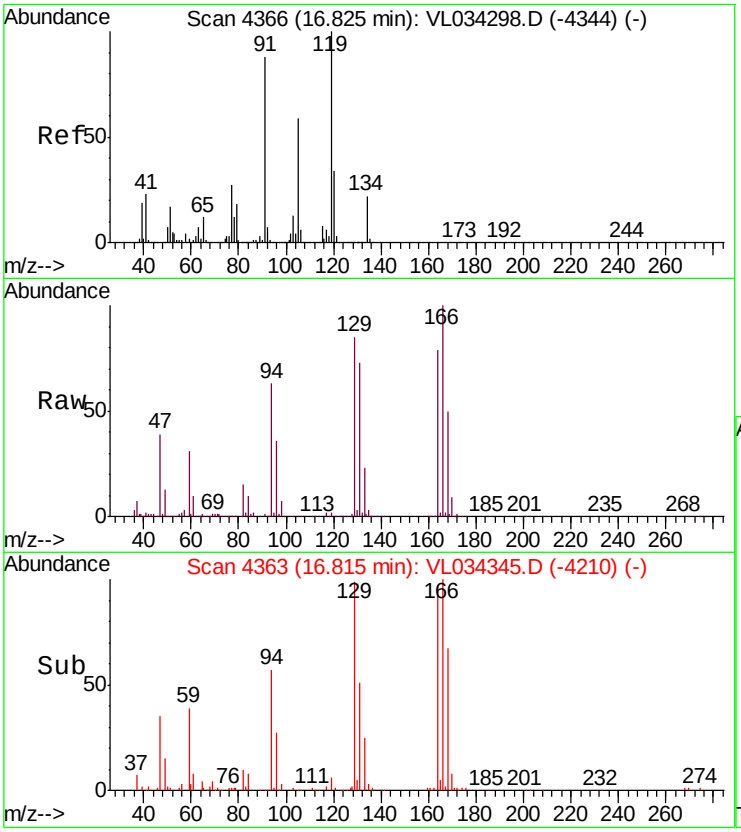


#64
n-propylbenzene
Concen: 2.290 ppbv
RT: 15.51 min Scan# 3956
Delta R.T. -0.13 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:120 Resp: 691

Ion	Ratio	Lower	Upper
120	100		
91	383.1	374.9	562.3



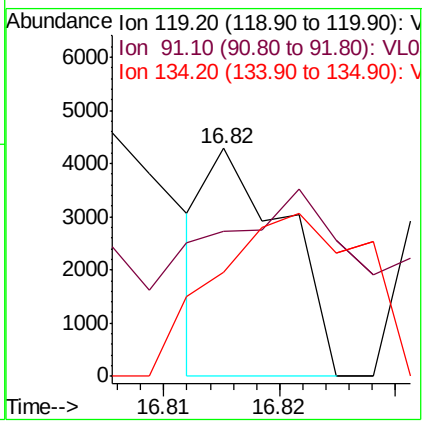


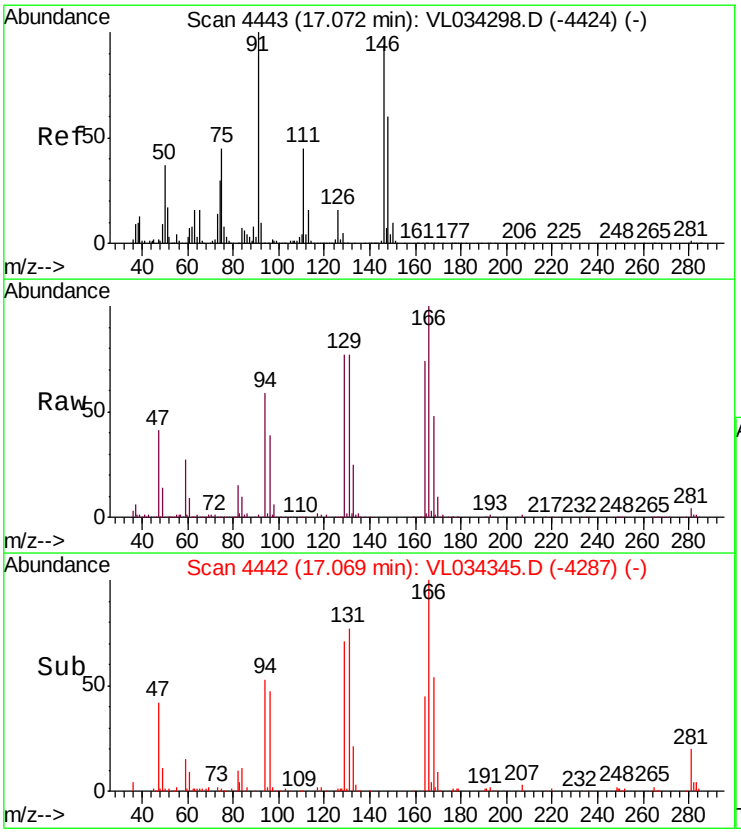
#65
tert-Butylbenzene
Concen: 1.897 ppbv
RT: 16.82 min Scan# 4363
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 1977

Ion	Ratio	Lower	Upper
119	100		
91	186.5	71.4	107.0#
134	0.0	15.9	23.9#

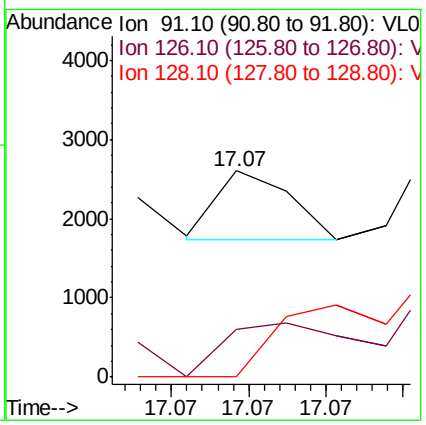


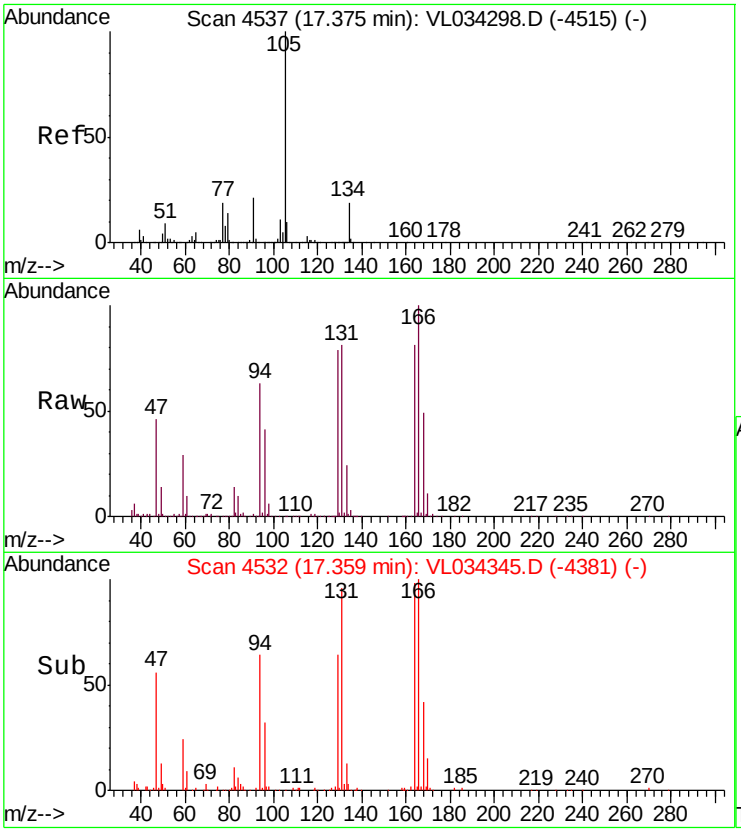


#66
Benzyl Chloride
Concen: 0.700 ppbv
RT: 17.07 min Scan# 4442
Delta R.T. -0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 91 Resp: 288

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.9	19.3#
128	0.0	4.3	6.5#



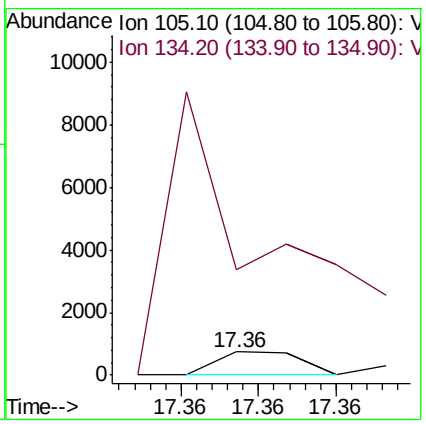


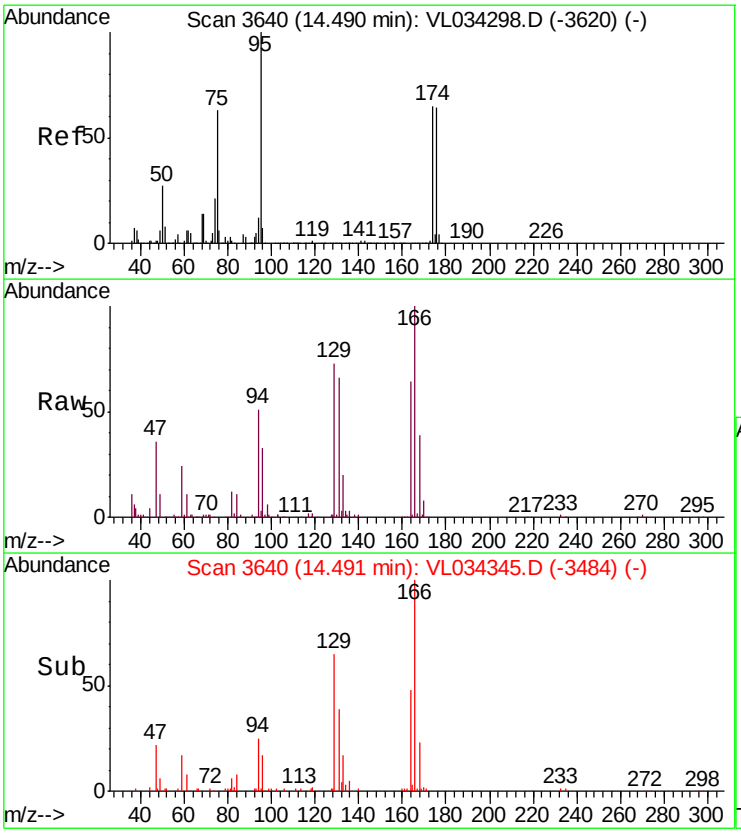
#67
sec-Butylbenzene
Concen: 0.194 ppbv
RT: 17.36 min Scan# 4532
Delta R.T. -0.02 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 284

Ion	Ratio	Lower	Upper
105	100		
134	2963.4	15.4	23.0#

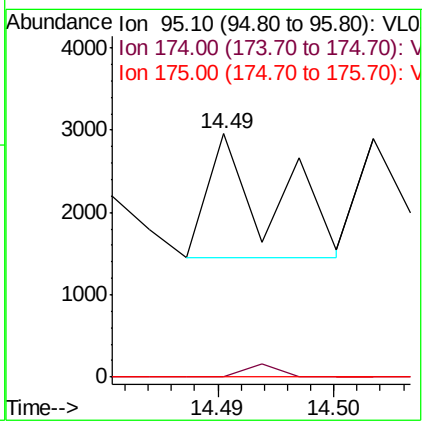


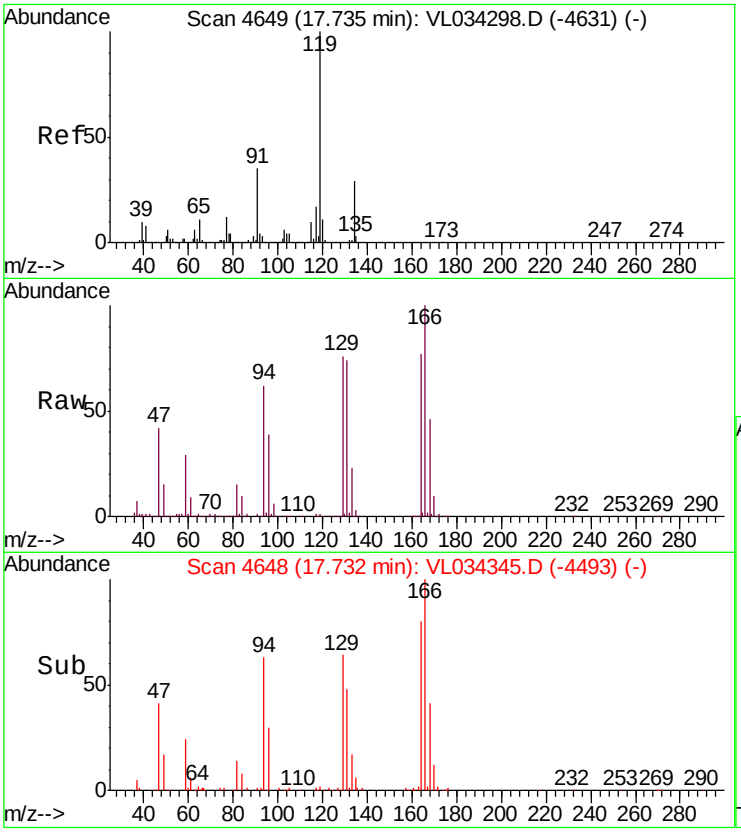


#68
1-Bromo-4-Fluorobenzene
Concen: 0.932 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 95 Resp: 583

Ion	Ratio	Lower	Upper
95	100		
174	0.0	52.6	78.8#
175	0.0	3.8	5.6#



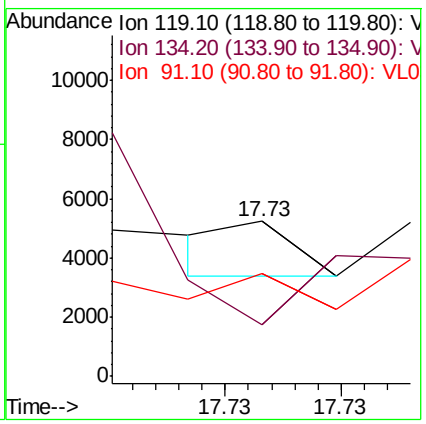


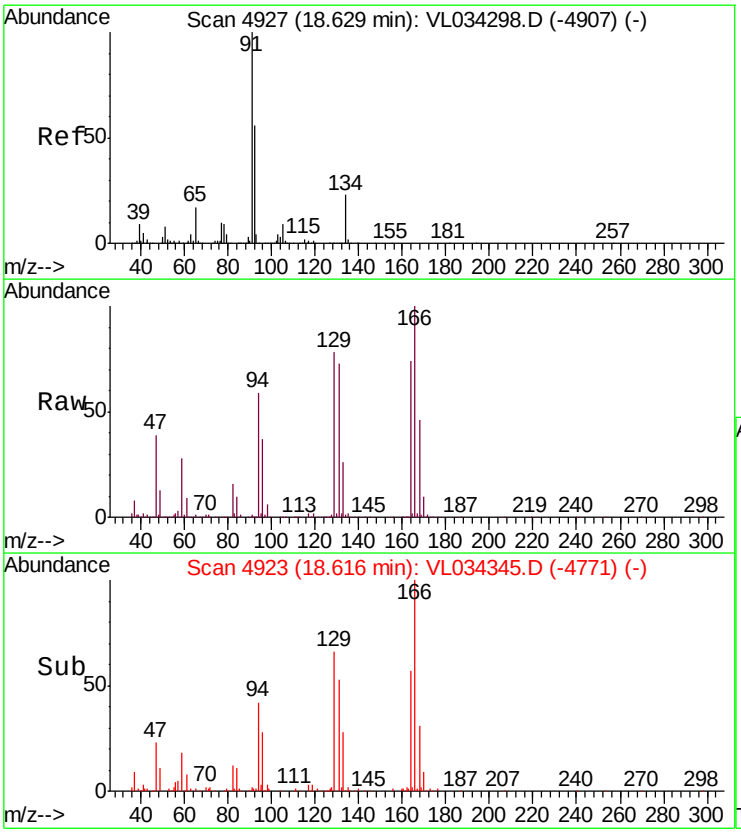
#69
p-Isopropyltoluene
Concen: 0.299 ppbv
RT: 17.73 min Scan# 4648
Delta R.T. -0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 358

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.3	31.9#
91	0.0	26.6	39.8#

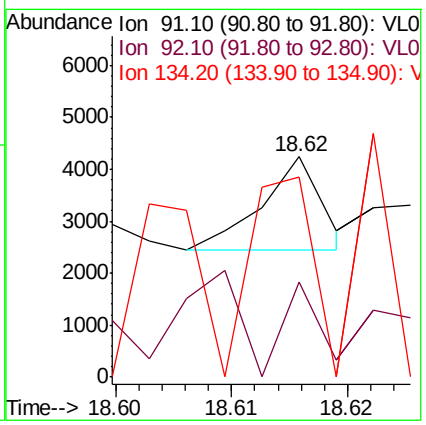


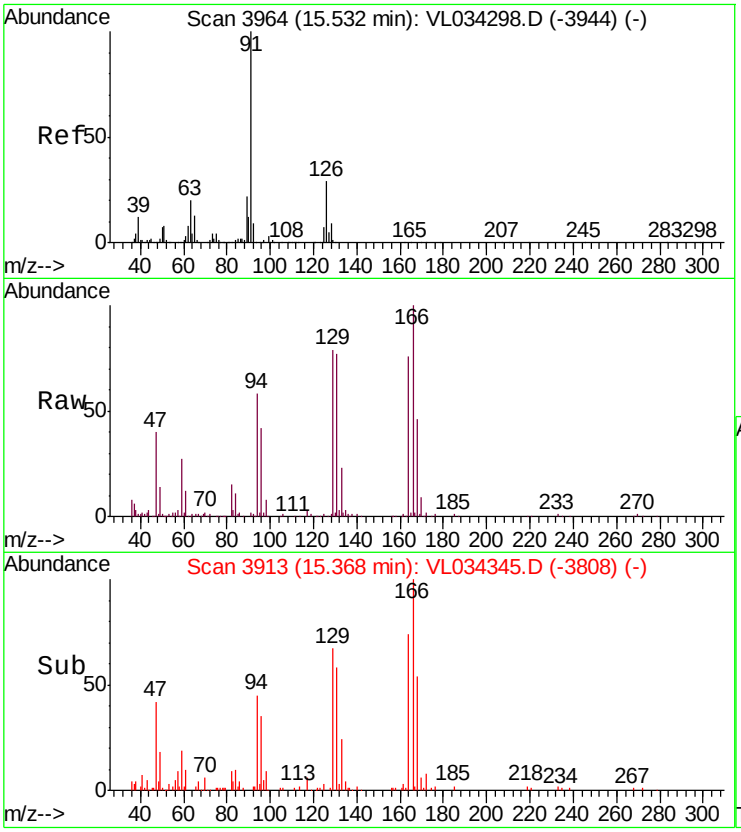


#70
n-Butylbenzene
Concen: 0.500 ppbv
RT: 18.62 min Scan# 4923
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion: 91 Resp: 650

Ion	Ratio	Lower	Upper
91	100		
92	337.8	44.5	66.7#
134	0.0	18.2	27.2#



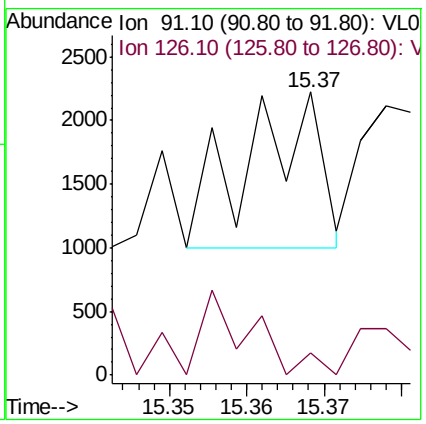


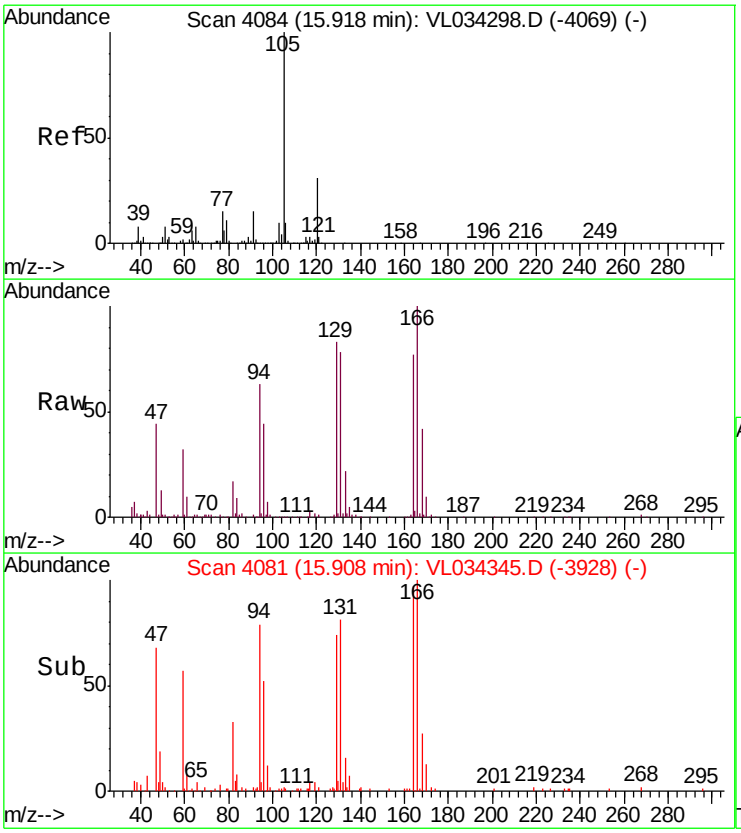
#71
2-Chlorotoluene
Concen: 0.880 ppbv
RT: 15.37 min Scan# 3913
Delta R.T. -0.16 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 802

Ion	Ratio	Lower	Upper
91	100		
126	36.5	11.9	47.5

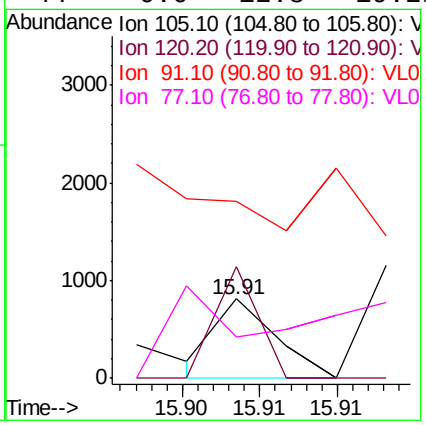


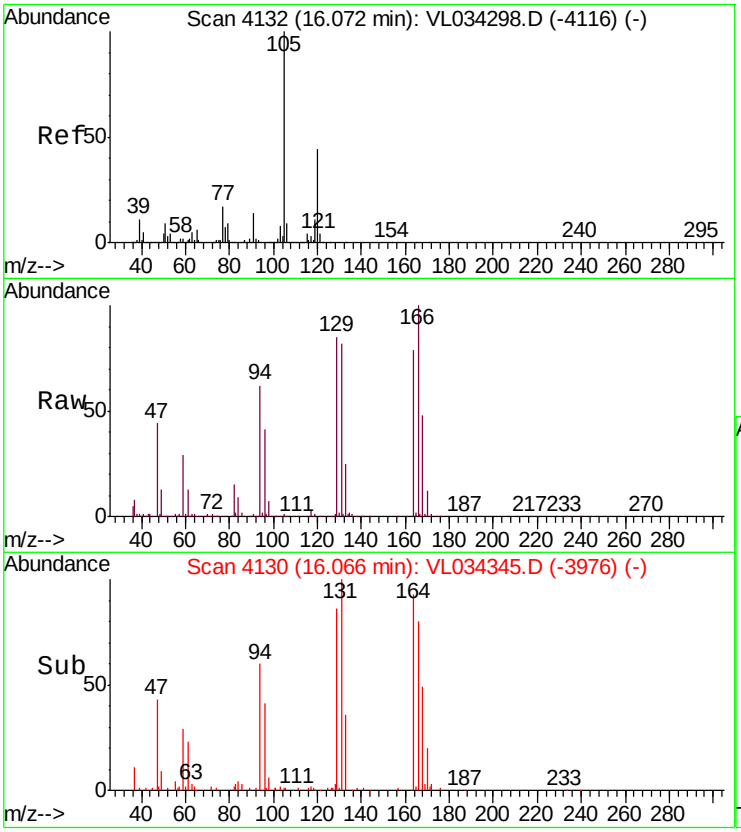


#72
4-Ethyltoluene
Concen: 0.218 ppbv
RT: 15.91 min Scan# 4081
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:105 Resp: 218

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.8	35.8#
91	0.0	11.2	16.8#
77	0.0	12.8	19.2#



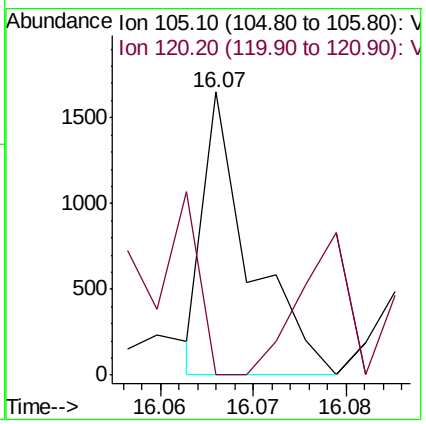


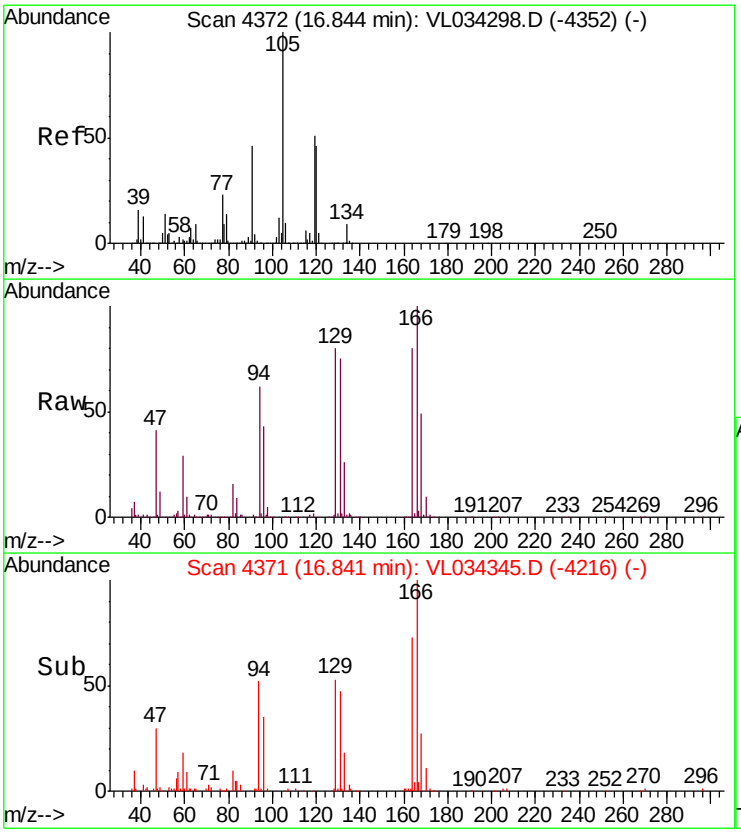
#73
1,3,5-Trimethylbenzene
Concen: 0.579 ppbv
RT: 16.07 min Scan# 4130
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 574

Ion	Ratio	Lower	Upper
105	100		
120	0.0	35.2	52.8#

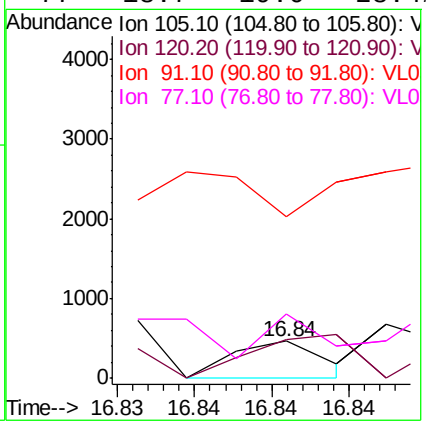


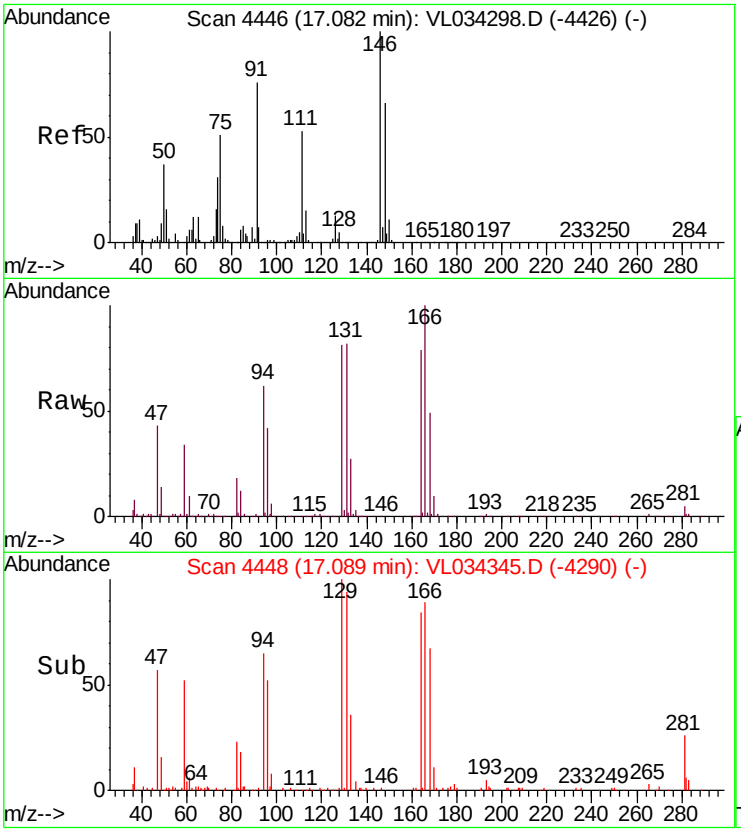


#74
1,2,4-Trimethylbenzene
Concen: 0.182 ppbv
RT: 16.84 min Scan# 4371
Delta R.T. -0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:105 Resp: 188

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.0	55.6#
91	0.0	38.2	57.2#
77	18.7	19.0	28.4#



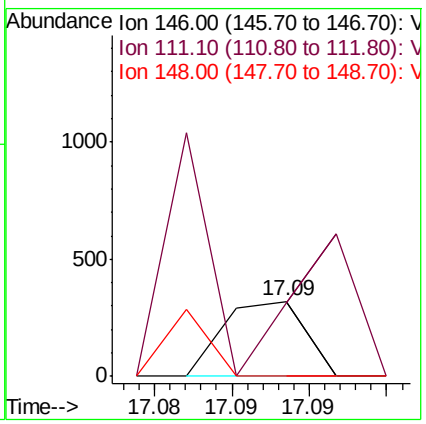


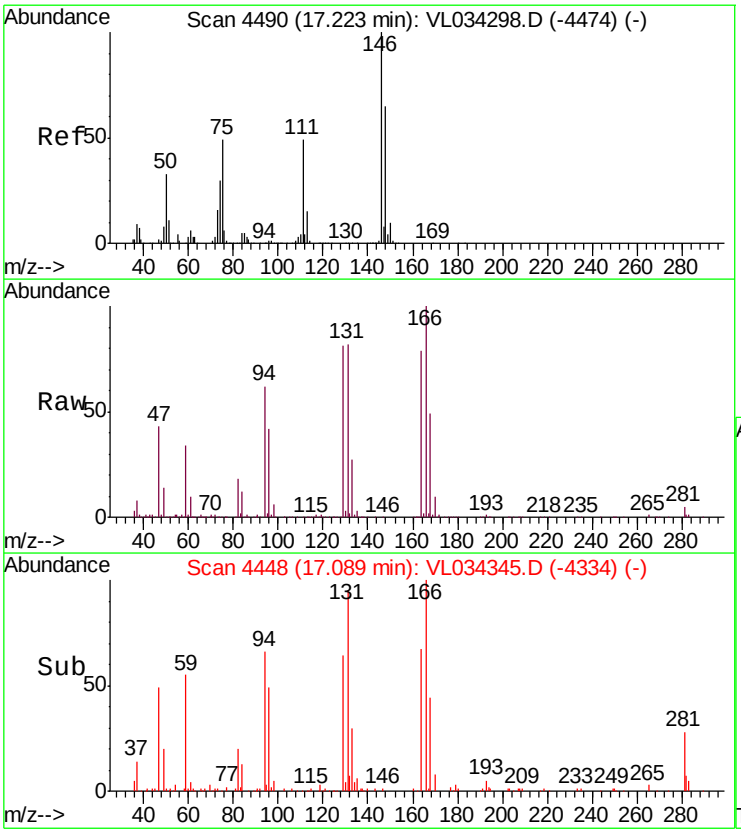
#75
1,3-Dichlorobenzene
Concen: 0.190 ppbv
RT: 17.09 min Scan# 4448
Delta R.T. 0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 118

Ion	Ratio	Lower	Upper
146	100		
111	400.8	24.5	73.5#
148	0.0	32.3	96.8#

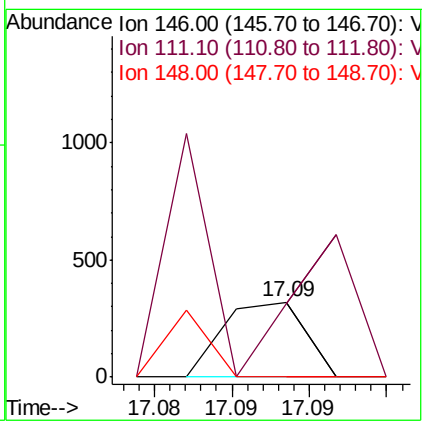


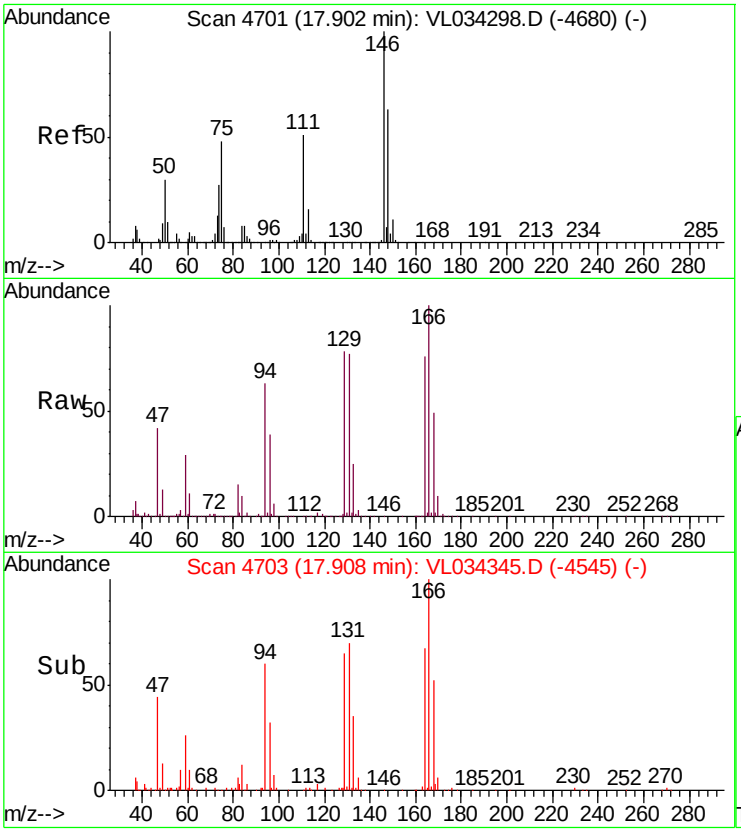


#76
1,4-Dichlorobenzene
Concen: 0.194 ppbv
RT: 17.09 min Scan# 4448
Delta R.T. -0.13 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:146 Resp: 118

Ion	Ratio	Lower	Upper
146	100		
111	724.6	23.9	71.7#
148	46.6	33.1	99.2



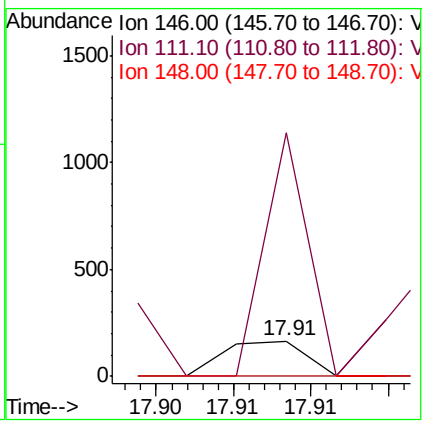


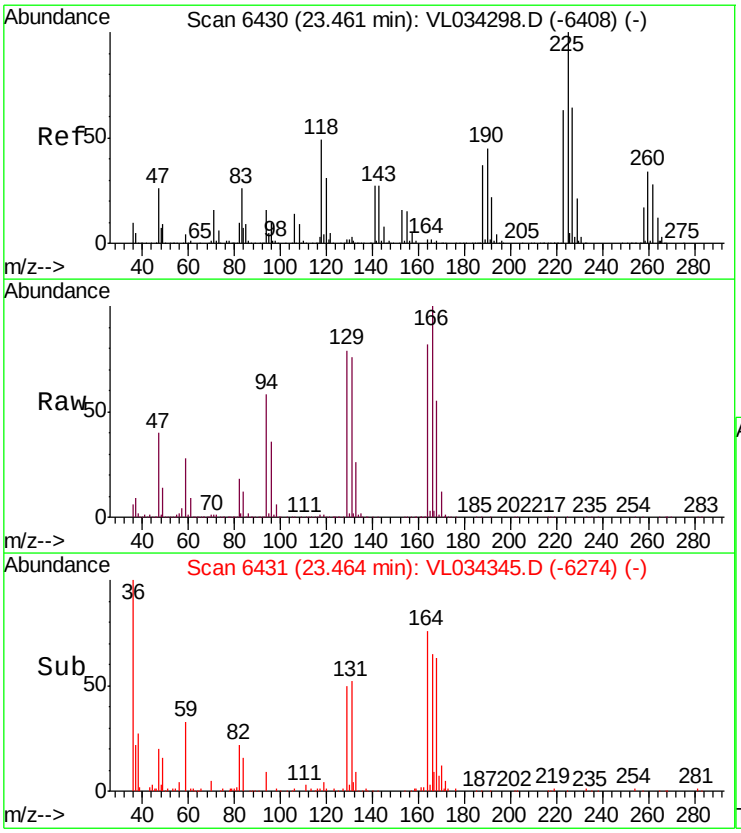
#77
1,2-Dichlorobenzene
Concen: 0.102 ppbv
RT: 17.91 min Scan# 4703
Delta R.T. 0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 62

Ion	Ratio	Lower	Upper
146	100		
111	1533.9	25.1	75.3#
148	90.3	32.3	96.8

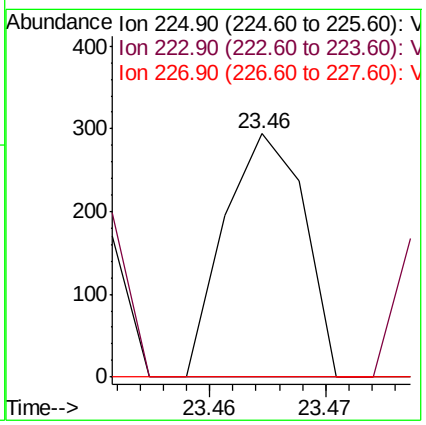


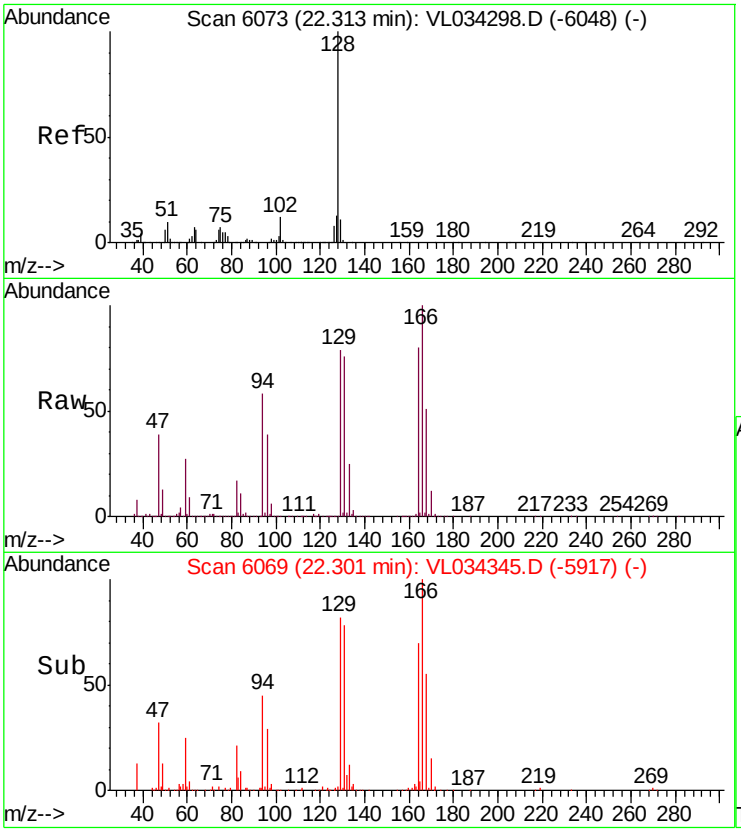


#78
Hexachloro-1,3-Butadiene
Concen: 0.278 ppbv
RT: 23.46 min Scan# 6431
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:225 Resp: 140

Ion	Ratio	Lower	Upper
225	100		
223	75.0	50.8	76.2
227	119.3	51.5	77.3#



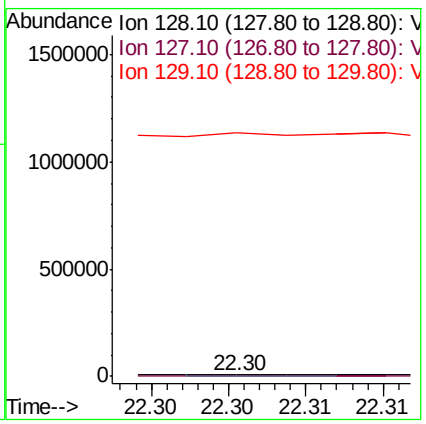


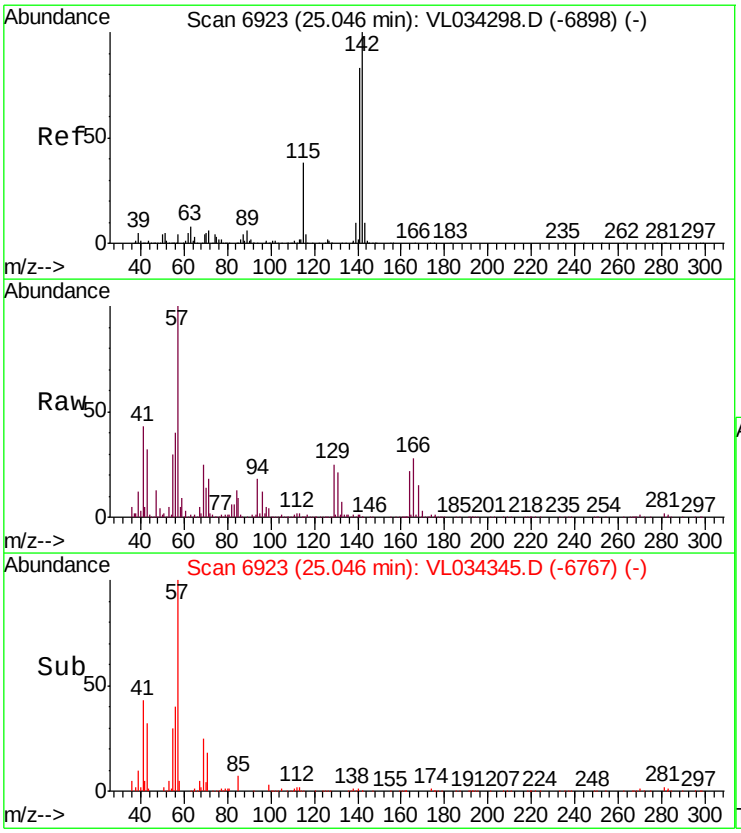
#79
Naphthalene
Concen: 3.349 ppbv
RT: 22.30 min Scan# 6069
Delta R.T. -0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 2531

Ion	Ratio	Lower	Upper
128	100		
127	173.0	10.2	15.4#
129	1438.5	8.9	13.3#

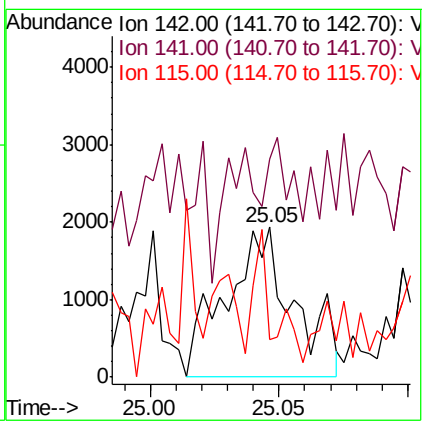


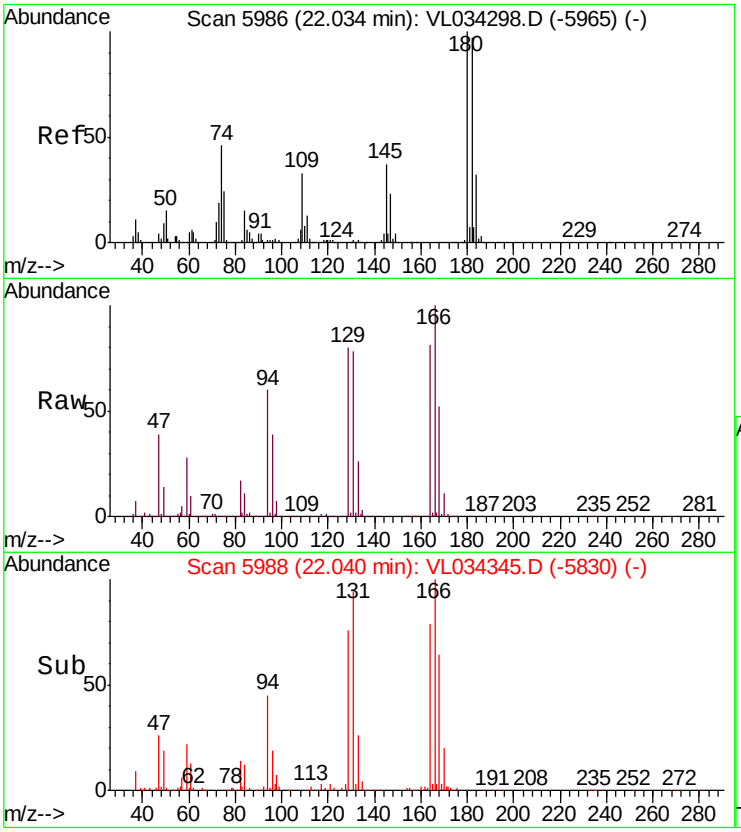


#80
Naphthalene,2-methyl-
Concen: 16.307 ppbv
RT: 25.05 min Scan# 6923
Delta R.T. 0.00 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Tgt Ion:142 Resp: 3562

Ion	Ratio	Lower	Upper
142	100		
141	119.4	65.7	98.5#
115	0.0	30.9	46.3#



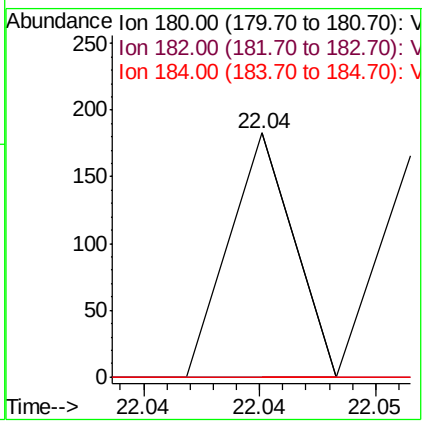


#81
1,2,4-Trichlorobenzene
Concen: 0.071 ppbv
RT: 22.04 min Scan# 5988
Delta R.T. 0.01 min
Lab File: VL034345.D
Acq: 24 Oct 2019 14:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 35

Ion	Ratio	Lower	Upper
180	100		
182	91.4	77.8	116.8
184	0.0	25.4	38.2#



Instrument :
MSVOA_L
ClientSampleId :