Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034378.D
Acq On : 19 Nov 2019 12:23
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 19 12:58:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 12:55:12 2019
QLast Update : Tue Nov 19 12:55:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1033067	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.20	114	2038912	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.14	117	2020237	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	1727160	10.09	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	21983	0.123	ppbv		99
3) Chlorodifluoromethane	2.96	51	16312	0.135	ppbv		99
4) Chloromethane	3.11	50	5463	0.076	ppbv		90
5) Vinyl Chloride	3.23	62	7929	0.116	ppbv		97
6) Bromomethane	3.45	94	1295	0.039	ppbv	#	69
7) Chloroethane	3.53	64	1341	0.056	ppbv	#	84
8) Dichlorotetrafluoroethane	3.16	85	21983	0.142	ppbv		95
9) Propene	2.99	41	8223	0.153	ppbv		86
10) Heptane	8.15	43	6510	0.047	ppbv	#	28
11) Trichlorofluoromethane	3.94	101	17238	0.102	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15510	0.140	ppbv		92
13) Ethanol	3.60	45	2168	0.180	ppbv	#	40
14) Bromoethene	3.73	108	1989	0.046	ppbv	#	1
15) Acetone	3.86	43	28303	0.192	ppbv	#	86
16) 1,3-Butadiene	3.31	39	8052	0.134	ppbv		89
18) 1,1-Dichloroethene	4.29	96	3278	0.068	ppbv	#	13
19) Isopropyl Alcohol	3.97	45	2746	0.033	ppbv	#	95
20) Methylene Chloride	4.34	84	5197	0.097	ppbv	#	74
21) Allyl Chloride	4.41	41	9065	0.111	ppbv	#	74
22) trans-1,2-Dichloroethene	4.88	96	3790	0.078	ppbv	#	61
23) Vinyl Acetate	5.08	43	26803	0.145	ppbv	#	90
24) 1,1-Dichloroethane	5.01	63	11179	0.082	ppbv	#	96
25) Ethyl Acetate	5.70	43	30609	0.123	ppbv		98
26) Hexane	5.70	57	6578	0.062	ppbv	#	1
27) Carbon Disulfide	4.54	76	5756	0.052	ppbv	#	54
28) Methyl tert-Butyl Ether	5.06	73	14815	0.092	ppbv	#	82
29) Chloroform	5.76	83	13523	0.080	ppbv		92
30) Cyclohexane	7.16	84	4468	0.057	ppbv	#	1
31) cis-1,2-Dichloroethene	5.56	61	6074	0.056	ppbv	#	75
32) 1,1,1-Trichloroethane	6.53	97	11364	0.069	ppbv	#	42
34) 2-Butanone	5.28	43	19400	0.116	ppbv		98
35) Carbon Tetrachloride	7.04	117	10258	0.058	ppbv	#	82
37) 1,2-Dichloroethane	6.33	62	5225	0.036	ppbv	#	67
38) Trichloroethene	7.86	130	4742	0.060	ppbv		86
39) 1,2-Dichloropropane	7.20	63	610418	7.247	ppbv	#	22
42) Bromodichloromethane	7.82	83	14649	0.082	ppbv	#	70
44) 2,2,4-Trimethylpentane	7.90	57	12607	0.035	ppbv	#	1
45) t-1,3-Dichloropropene	9.31	75	3142	0.032	ppbv	#	70
46) cis-1,3-Dichloropropene	8.74	75	4702	0.042	ppbv		91
47) 1,1,2-Trichloroethane	9.50	97	2981	0.035	ppbv		94
48) Dibromochloromethane	10.35	129	5488	0.039	ppbv	#	10

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034378.D
Acq On : 19 Nov 2019 12:23
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 19 12:58:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 12:55:12 2019
QLast Update : Tue Nov 19 12:55:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Bromoform	13.09	173	4387	0.035	ppbv	#	1
52) Tetrachloroethene	11.26	164	3340	0.044	ppbv	#	68
54) 1,2-Dibromoethane	10.65	107	6981	0.055	ppbv		86
56) 1,1,1,2-Tetrachloroethane	12.18	131	2993	0.032	ppbv	#	1
57) Chlorobenzene	12.20	112	7360	0.044	ppbv	#	34
58) Ethyl Benzene	12.77	91	13955	0.049	ppbv		91
60) o-Xylene	13.74	91	13445	0.055	ppbv	#	33
61) Styrene	13.58	104	7702	0.045	ppbv	#	15
62) Isopropylbenzene	14.73	105	25401	0.079	ppbv	#	75
64) n-propylbenzene	15.62	120	3076	0.037	ppbv	#	1
65) tert-Butylbenzene	16.81	119	14543	0.051	ppbv	#	6
70) n-Butylbenzene	18.62	91	20696	0.058	ppbv	#	71
71) 2-Chlorotoluene	15.51	91	8278	0.033	ppbv	#	45
72) 4-Ethyltoluene	15.90	105	27731	0.101	ppbv	#	93
74) 1,2,4-Trimethylbenzene	16.82	105	15828	0.056	ppbv	#	87
75) 1,3-Dichlorobenzene	17.06	146	11641	0.069	ppbv	#	22
76) 1,4-Dichlorobenzene	17.20	146	8162	0.049	ppbv	#	1
77) 1,2-Dichlorobenzene	17.88	146	7776	0.047	ppbv	#	22
80) Naphthalene,2-methyl-	25.04	142	8077	0.135	ppbv	#	77

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

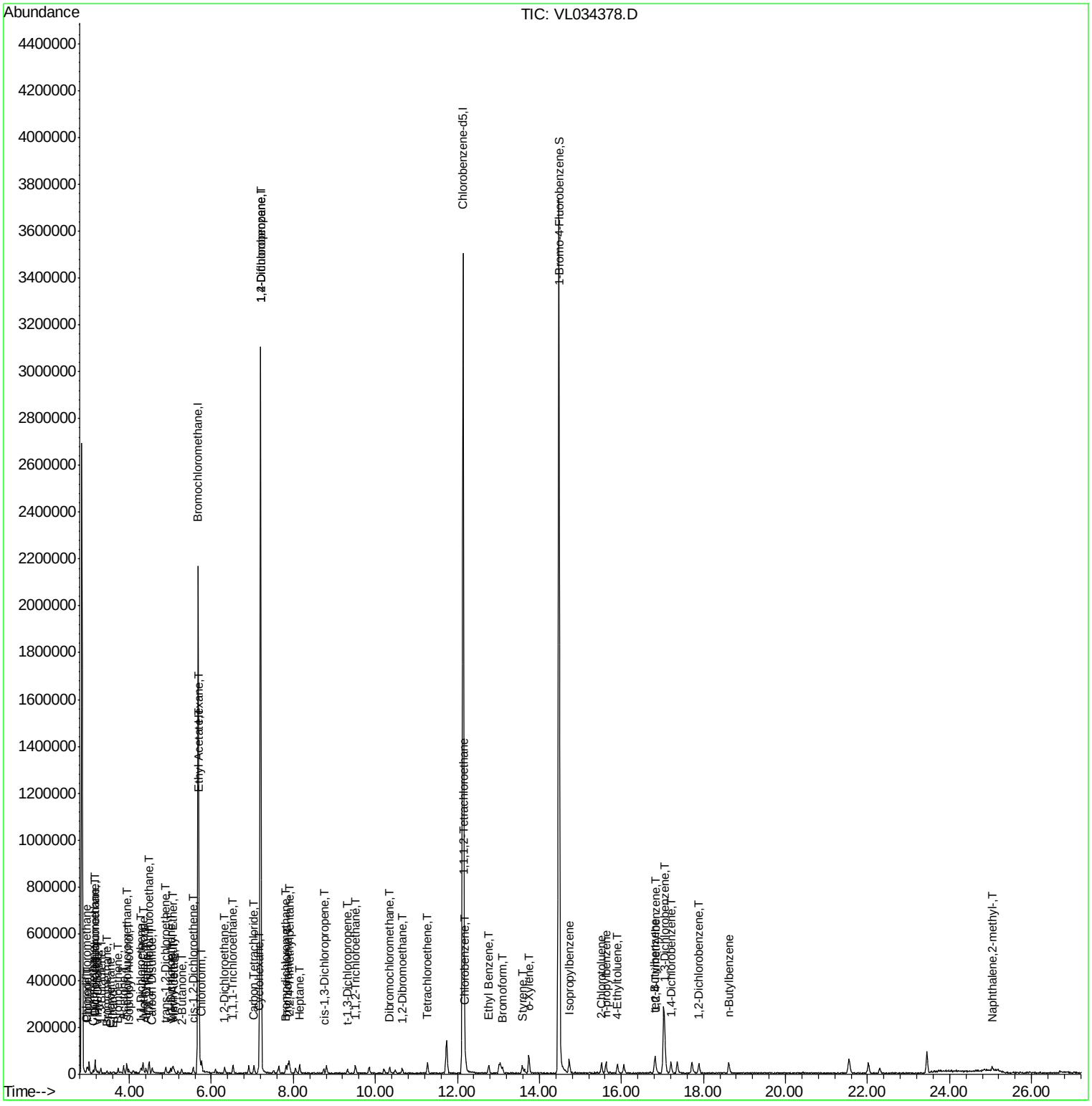
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

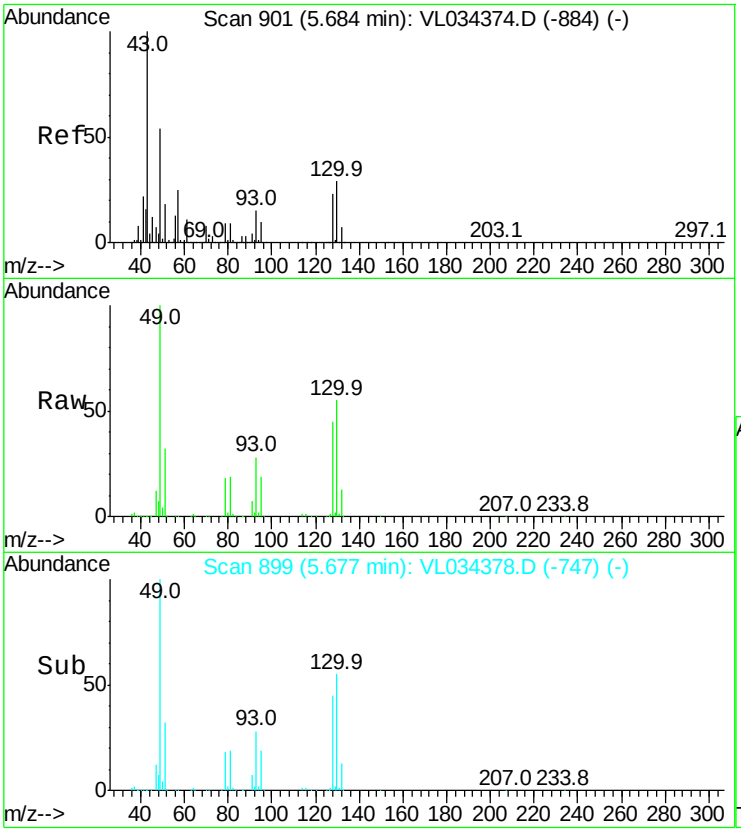
Quantitation Report (Not Reviewed)

Data File : VL034378.D
Acq On : 19 Nov 2019 12:23
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Nov 19 12:58:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 12:55:12 2019
QLast Update : Tue Nov 19 12:55:12 2019
Response via : Initial Calibration



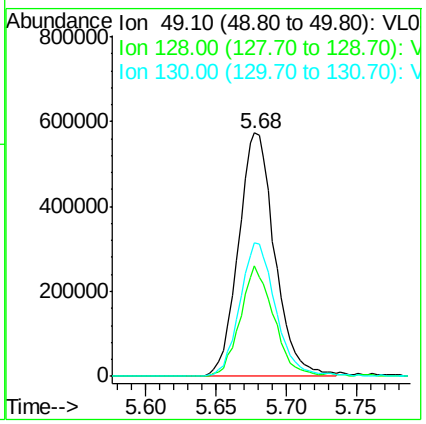


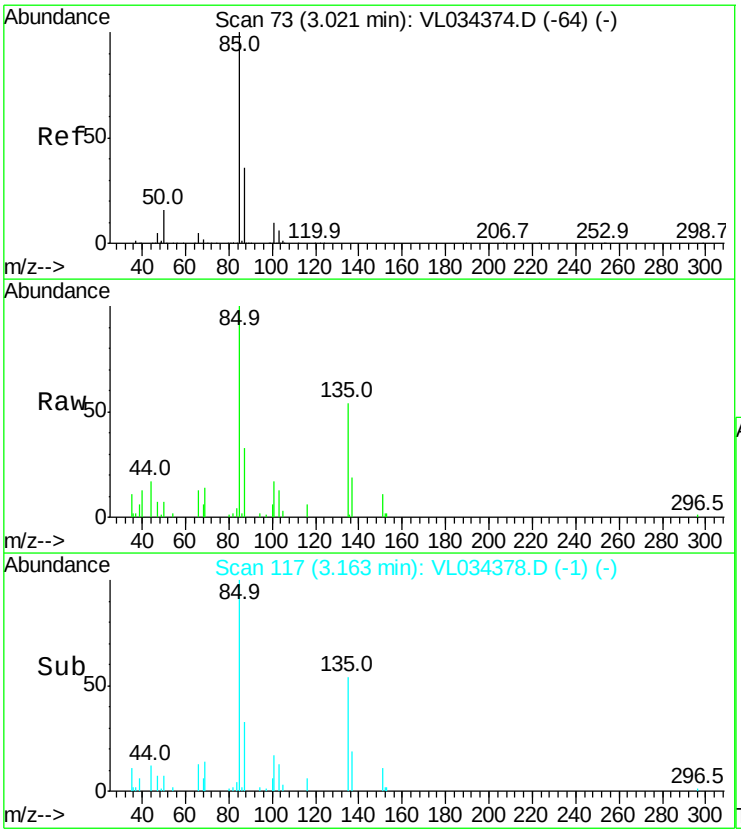
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1033067

Ion	Ratio	Lower	Upper
49	100		
128	42.3	20.6	61.8
130	54.4	26.2	78.5

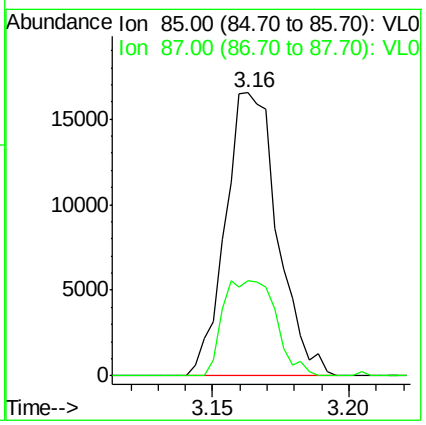


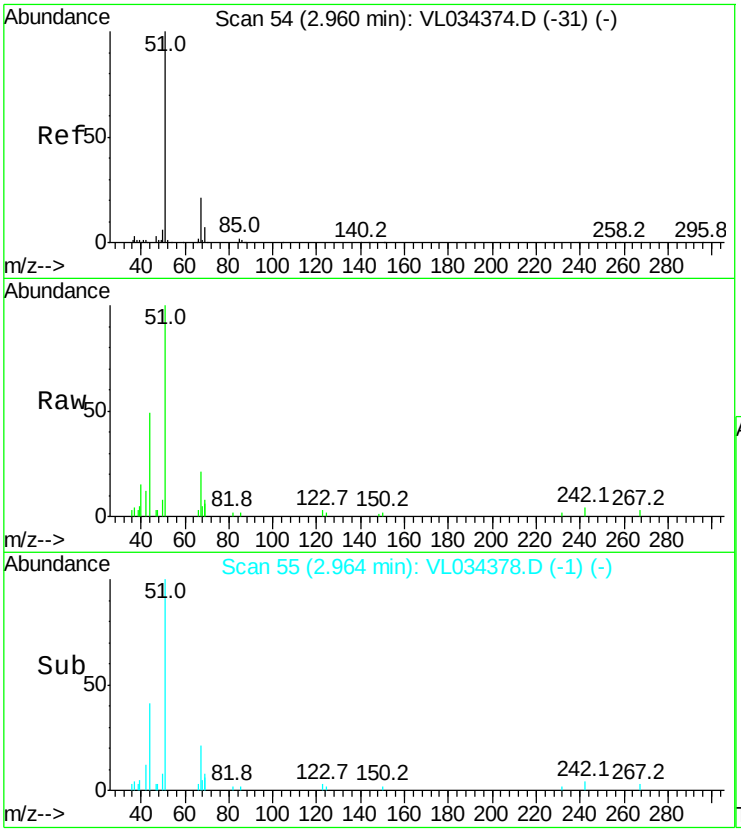


#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 3.16 min Scan# 117
Delta R.T. 0.14 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 85 Resp: 21983

Ion	Ratio	Lower	Upper
85	100		
87	33.5	27.0	40.6



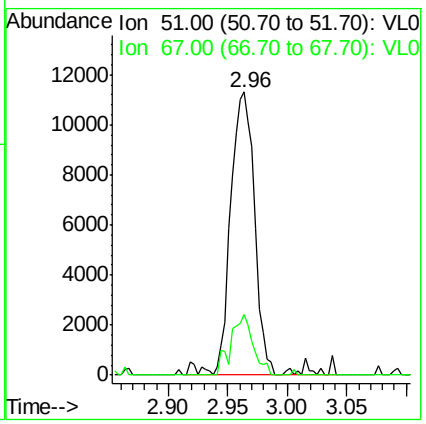


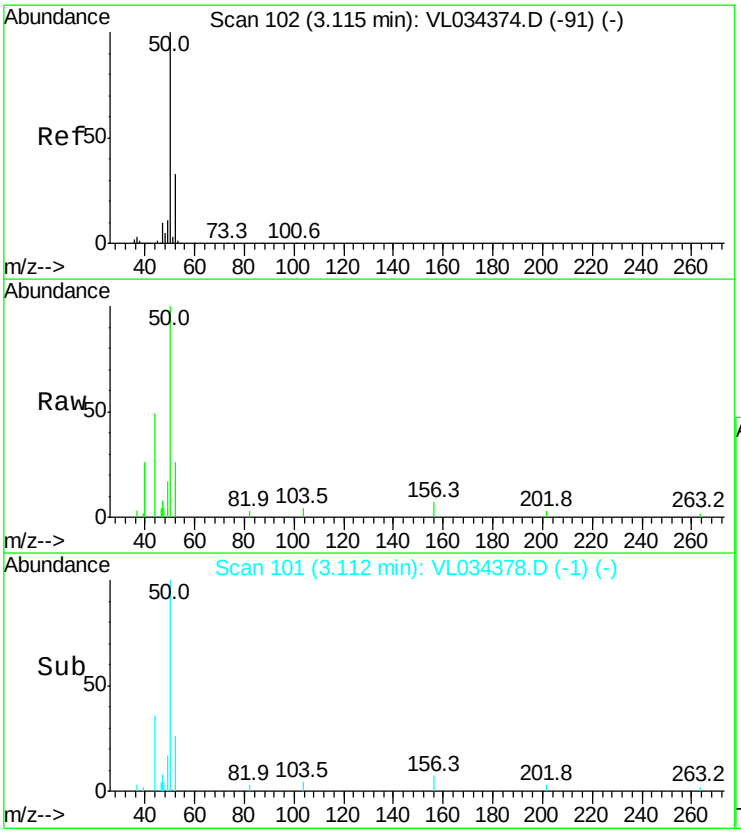
#3
Chlorodifluoromethane
Concen: 0.135 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 16312

Ion	Ratio	Lower	Upper
51	100		
67	19.4	15.8	23.8

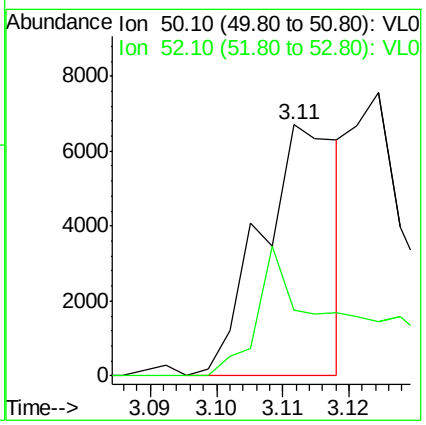


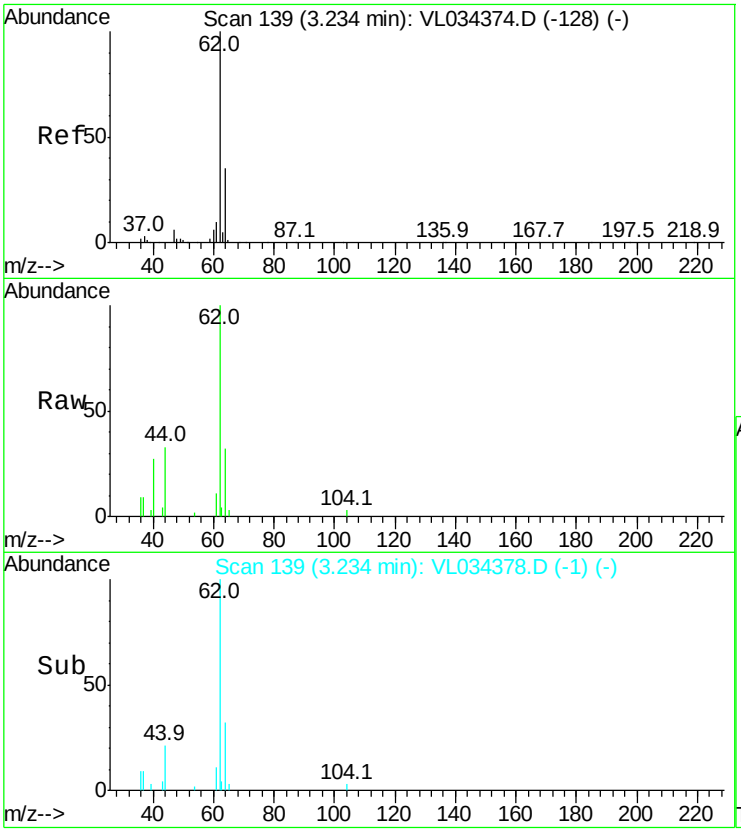


#4
Chloromethane
Concen: 0.076 ppbv
RT: 3.11 min Scan# 101
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 50 Resp: 5463

Ion	Ratio	Lower	Upper
50	100		
52	26.2	25.4	38.2



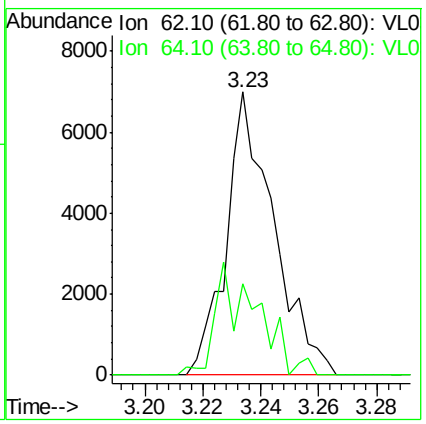


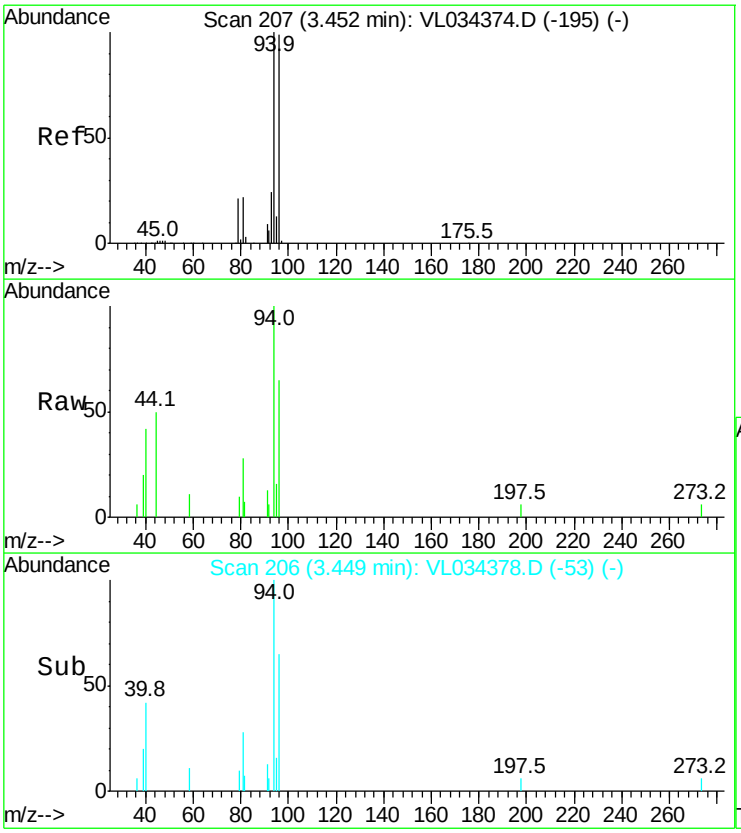
#5
Vinyl Chloride
Concen: 0.116 ppbv
RT: 3.23 min Scan# 139
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 7929

Ion	Ratio	Lower	Upper
62	100		
64	30.9	26.0	39.0

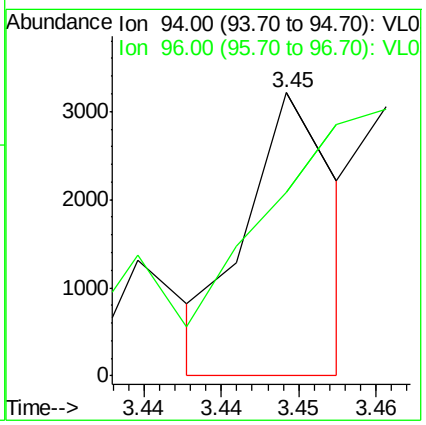


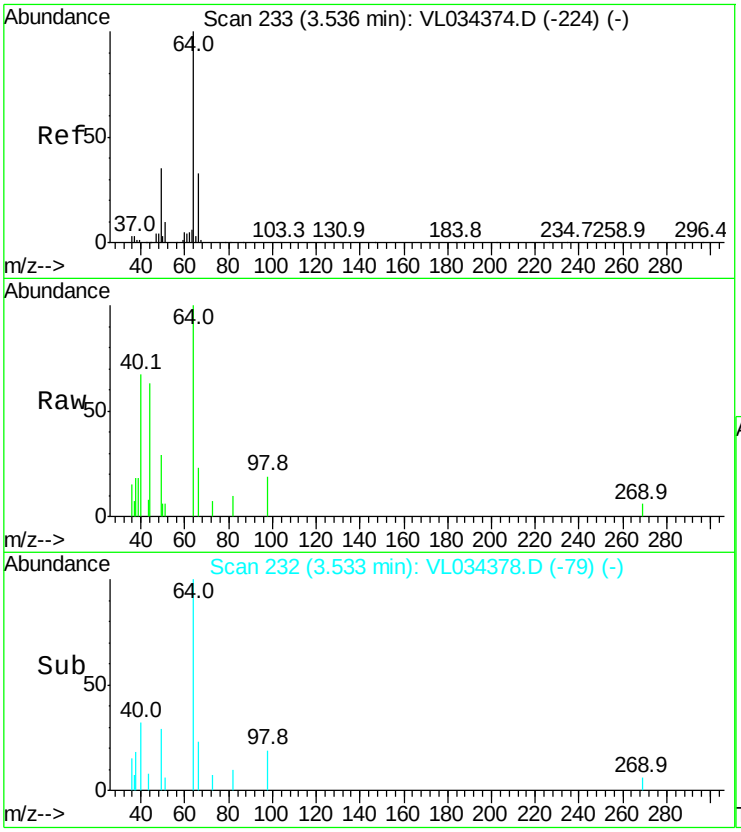


#6
Bromomethane
Concen: 0.039 ppbv
RT: 3.45 min Scan# 206
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 94 Resp: 1295

Ion	Ratio	Lower	Upper
94	100		
96	63.7	74.6	112.0#



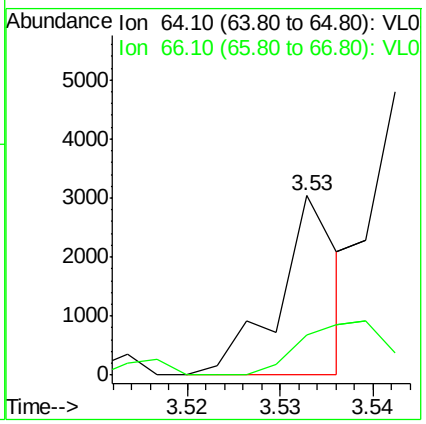


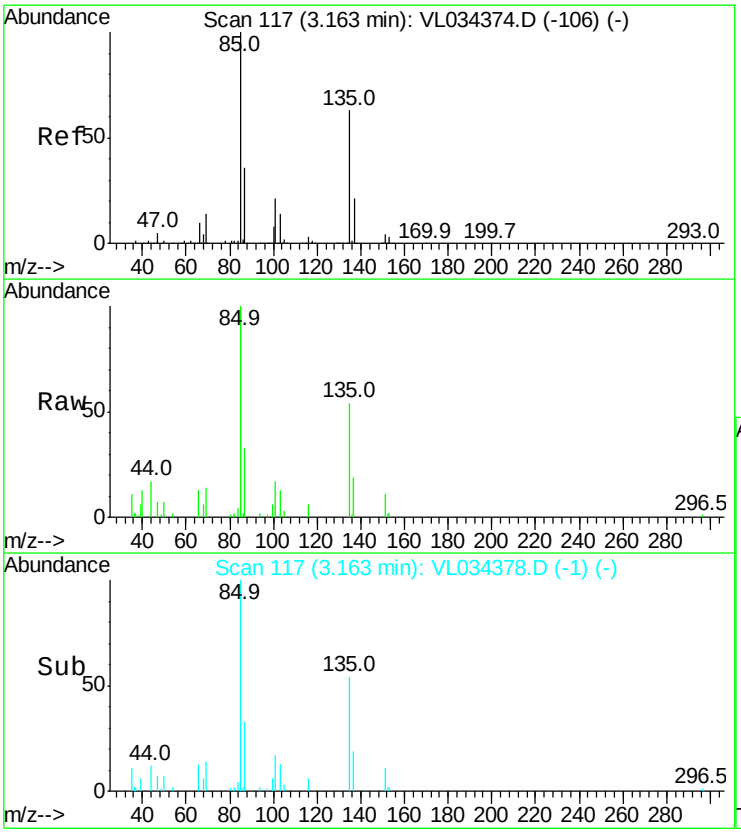
#7
Chloroethane
Concen: 0.056 ppbv
RT: 3.53 min Scan# 232
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 1341

Ion	Ratio	Lower	Upper
64	100		
66	22.6	25.4	38.0#

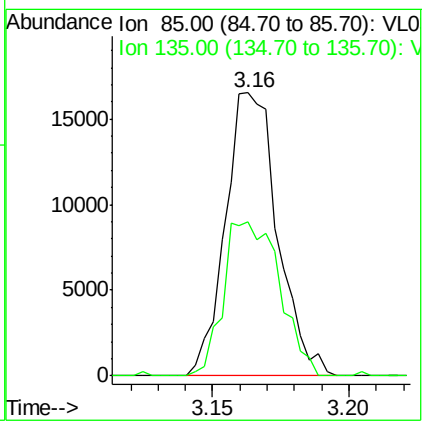


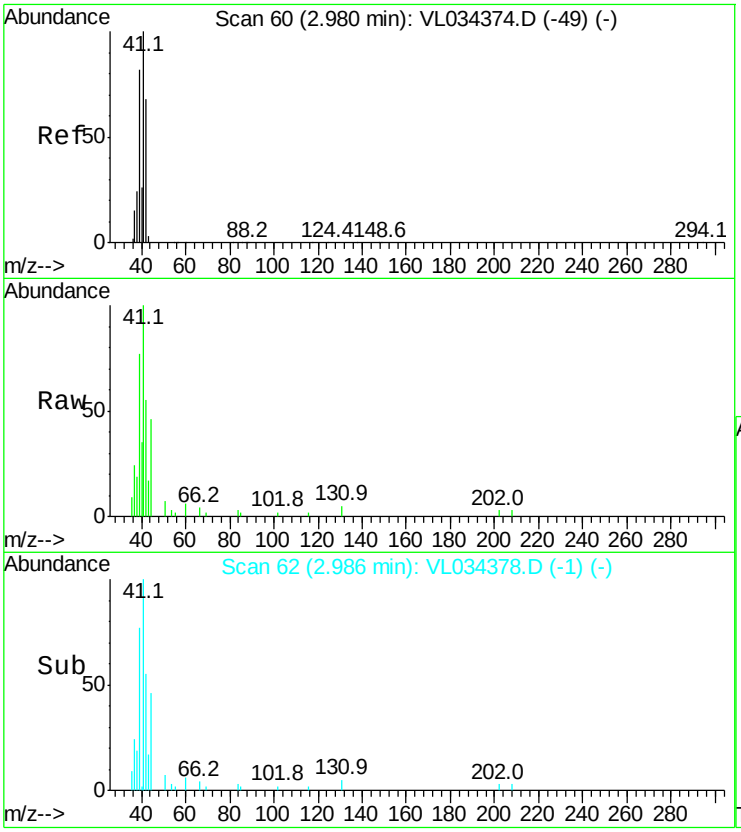


#8
Dichlorotetrafluoroethane
Concen: 0.142 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 85 Resp: 21983

Ion	Ratio	Lower	Upper
85	100		
135	58.9	50.2	75.2



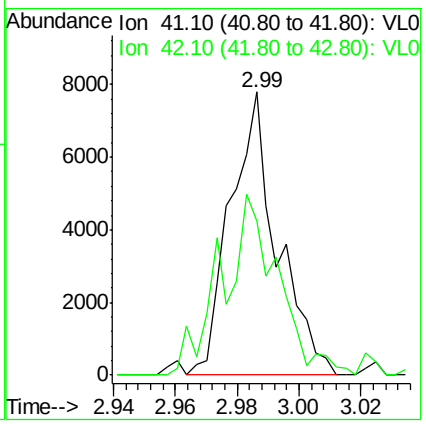


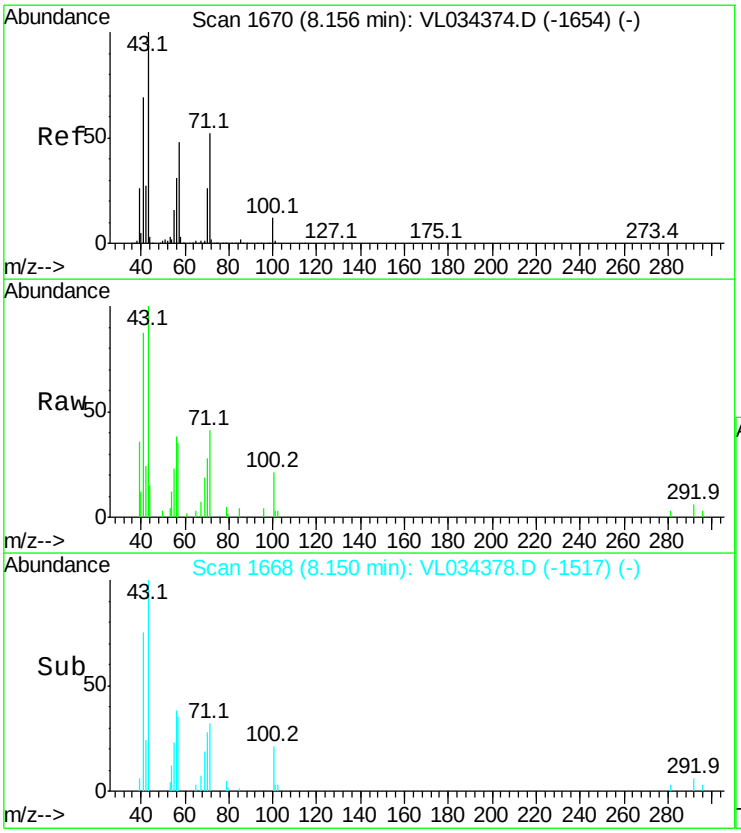
#9
Propene
Concen: 0.153 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 8223

Ion	Ratio	Lower	Upper
41	100		
42	79.0	53.9	80.9

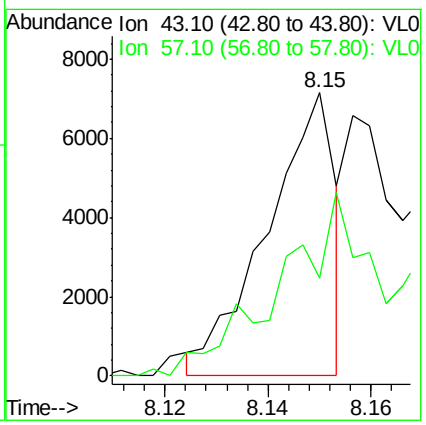


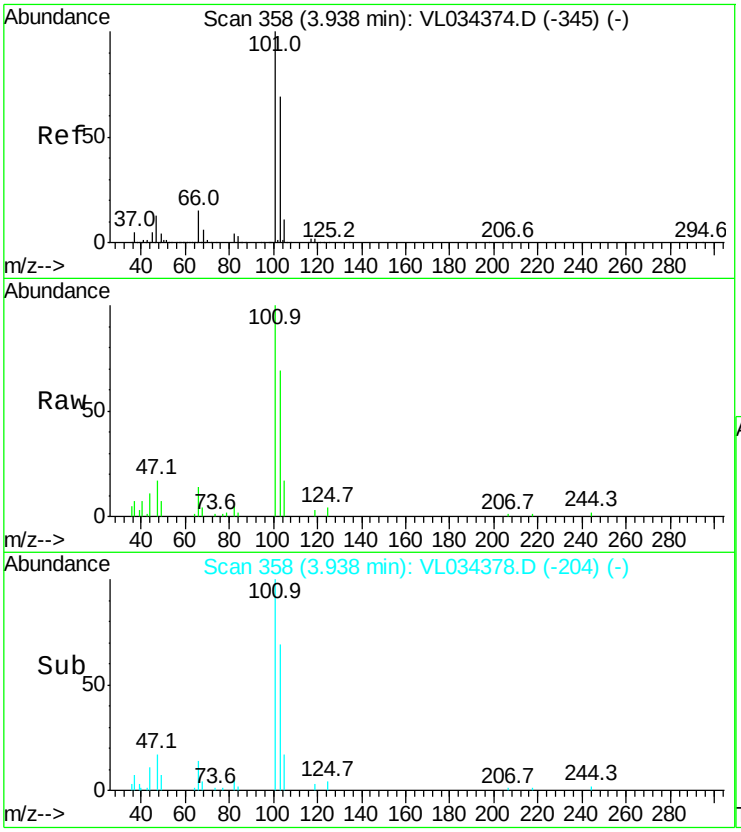


#10
Heptane
Concen: 0.047 ppbv
RT: 8.15 min Scan# 1668
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 43 Resp: 6510

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.5	59.3#



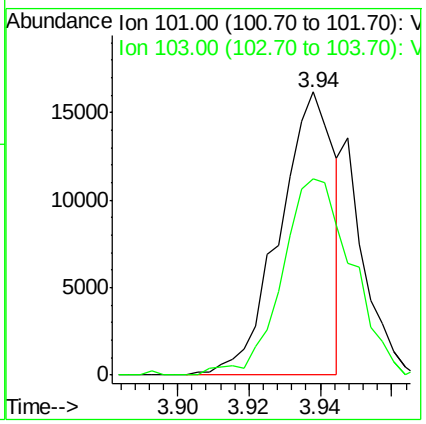


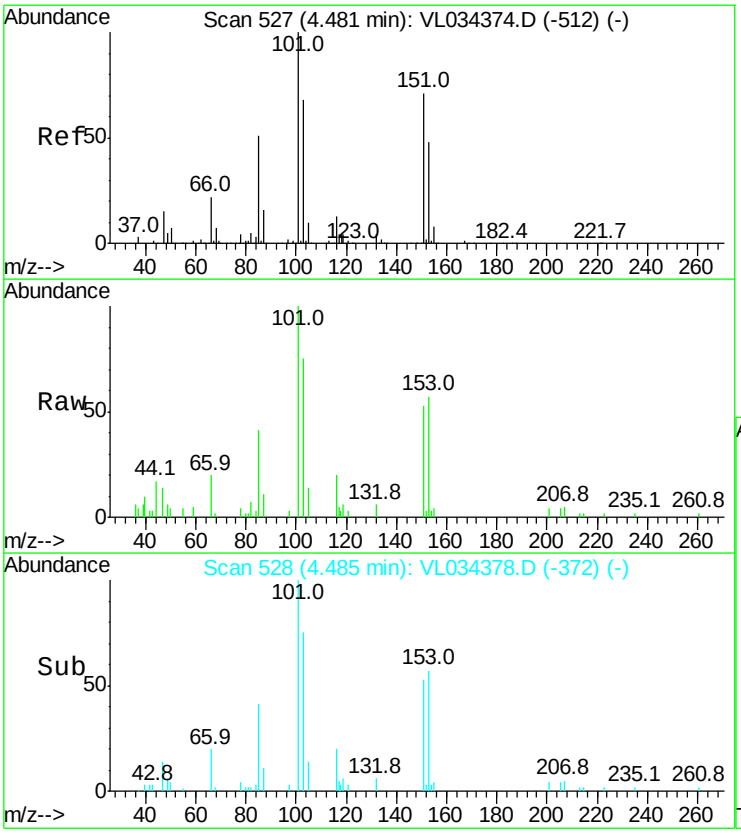
#11
Trichlorofluoromethane
Concen: 0.102 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 17238

Ion	Ratio	Lower	Upper
101	100		
103	69.3	54.5	81.7

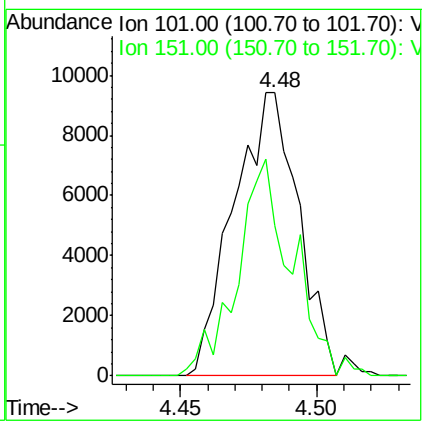


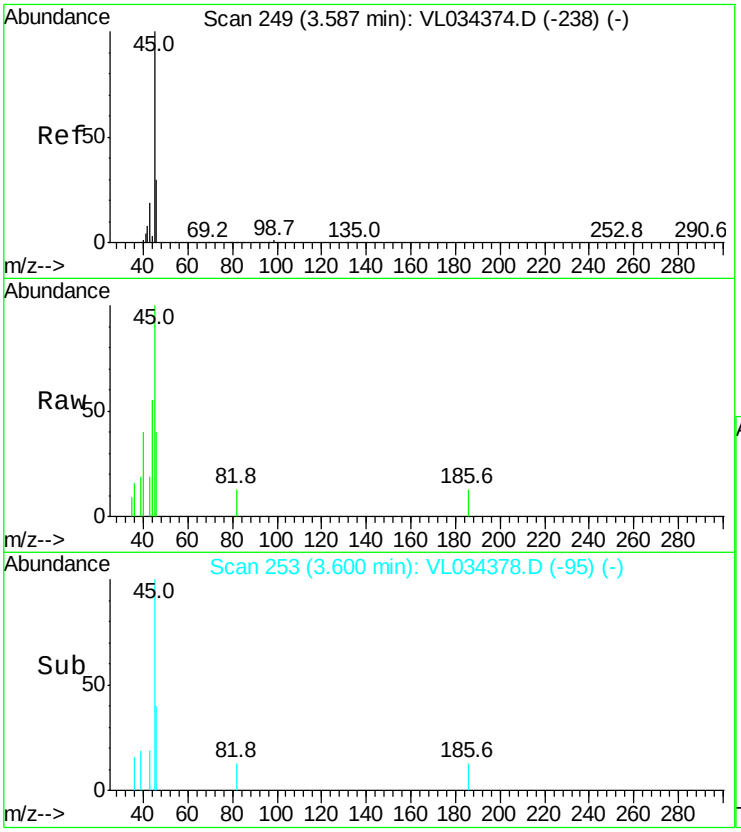


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.140 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:101 Resp: 15510

Ion	Ratio	Lower	Upper
101	100		
151	64.9	57.4	86.2



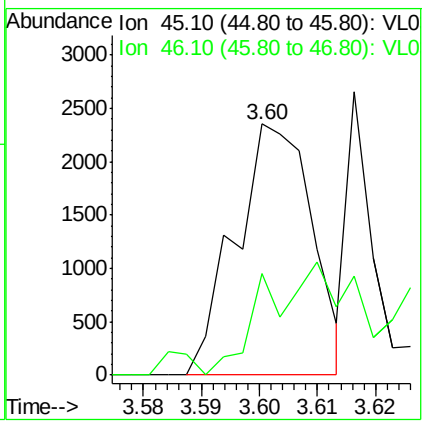


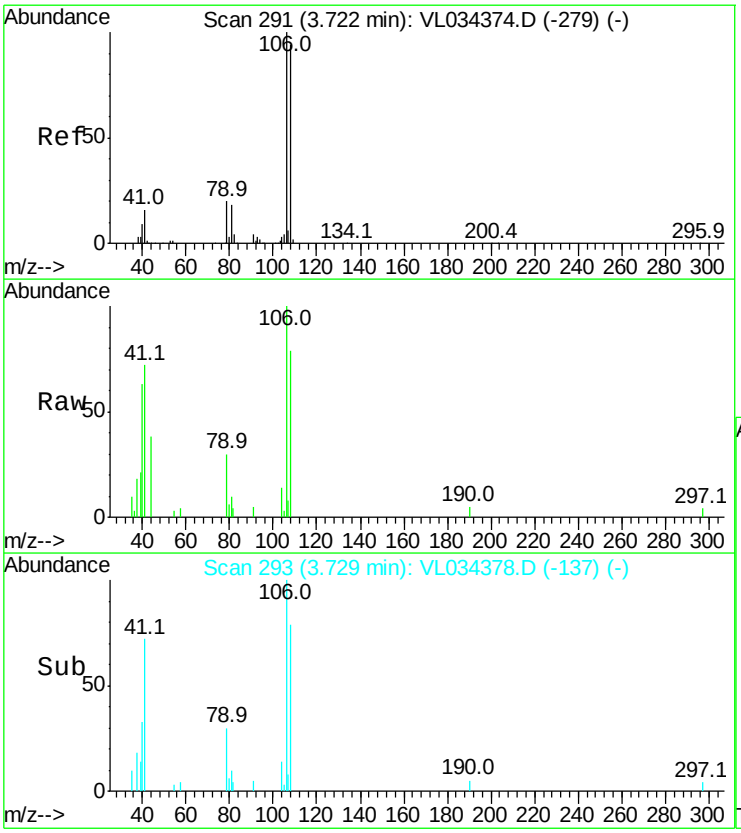
#13
Ethanol
Concen: 0.180 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 45 Resp: 2168

Ion	Ratio	Lower	Upper
45	100		
46	2.9	15.8	63.2#

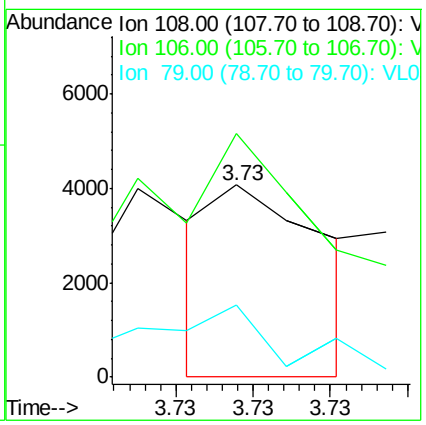


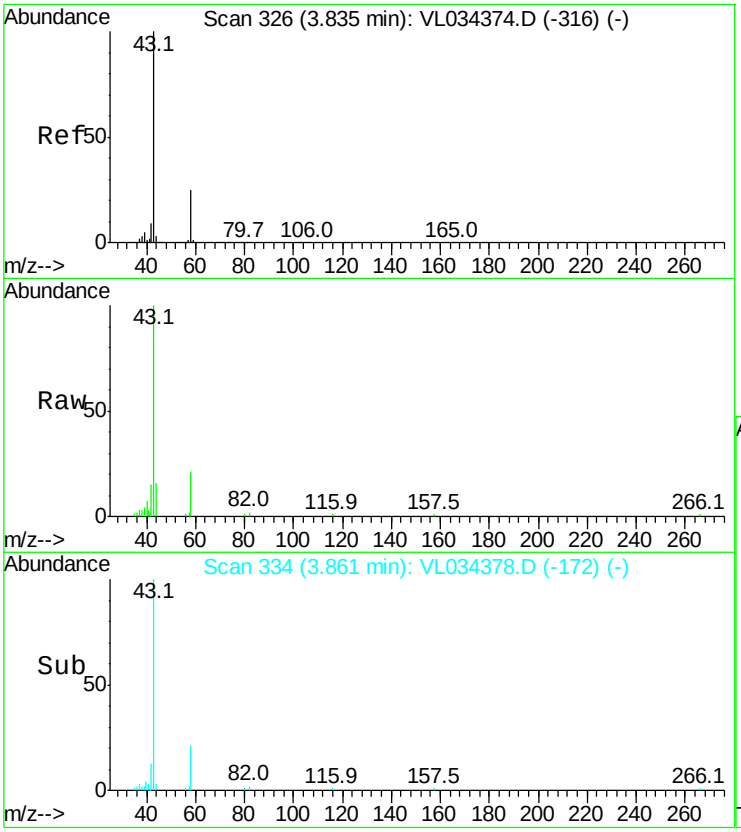


#14
Bromoethene
Concen: 0.046 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:108 Resp: 1989

Ion	Ratio	Lower	Upper
108	100		
106	327.7	84.8	127.2#
79	75.8	17.0	25.4#



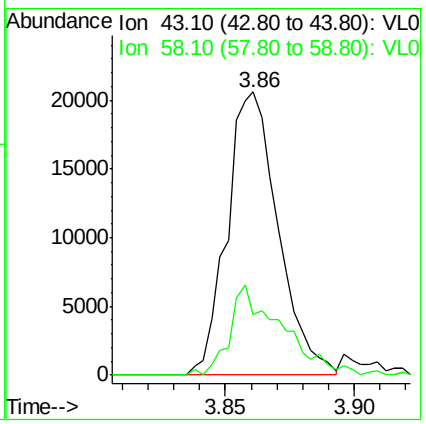


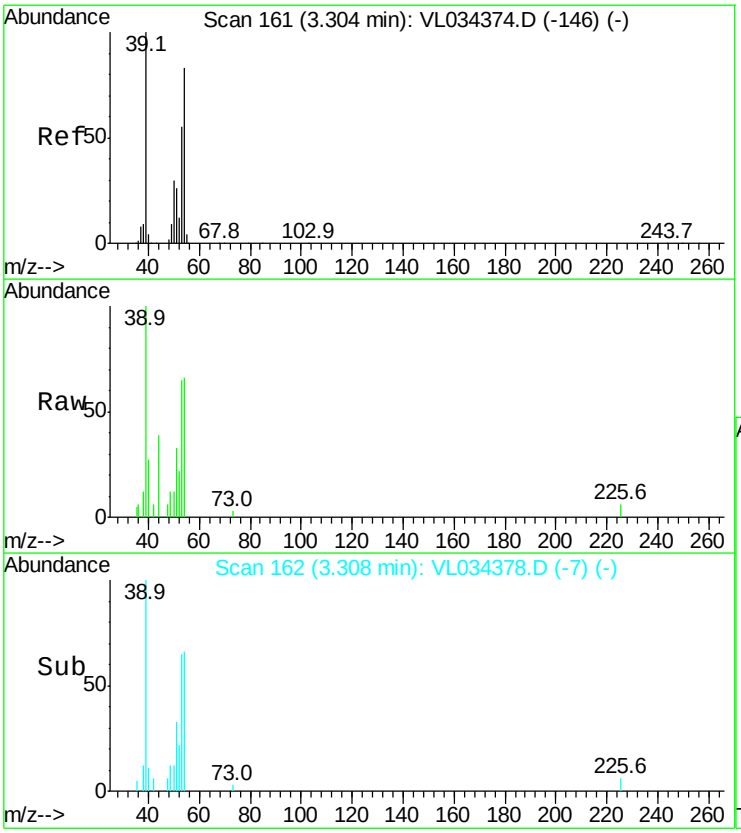
#15
Acetone
Concen: 0.192 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 28303

Ion	Ratio	Lower	Upper
43	100		
58	32.6	20.4	30.6#

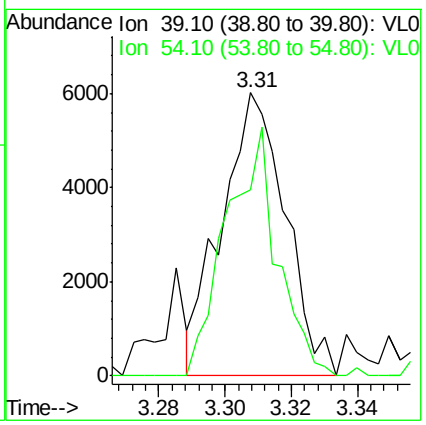


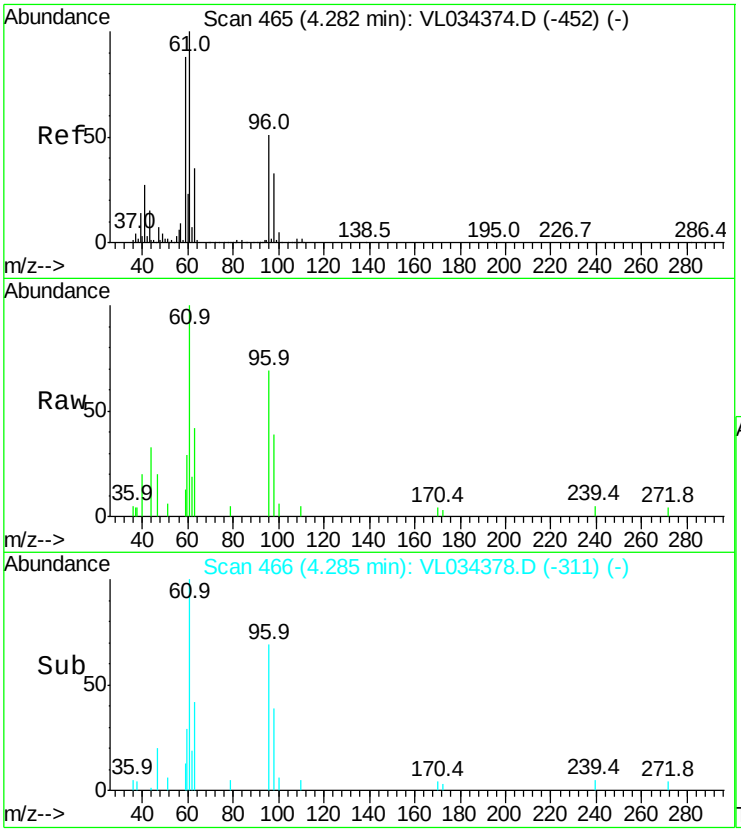


#16
1,3-Butadiene
Concen: 0.134 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 39 Resp: 8052

Ion	Ratio	Lower	Upper
39	100		
54	70.6	63.9	95.9



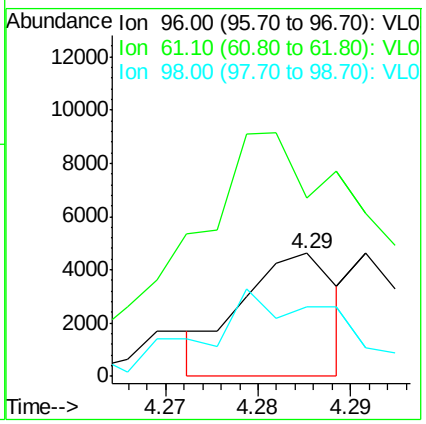


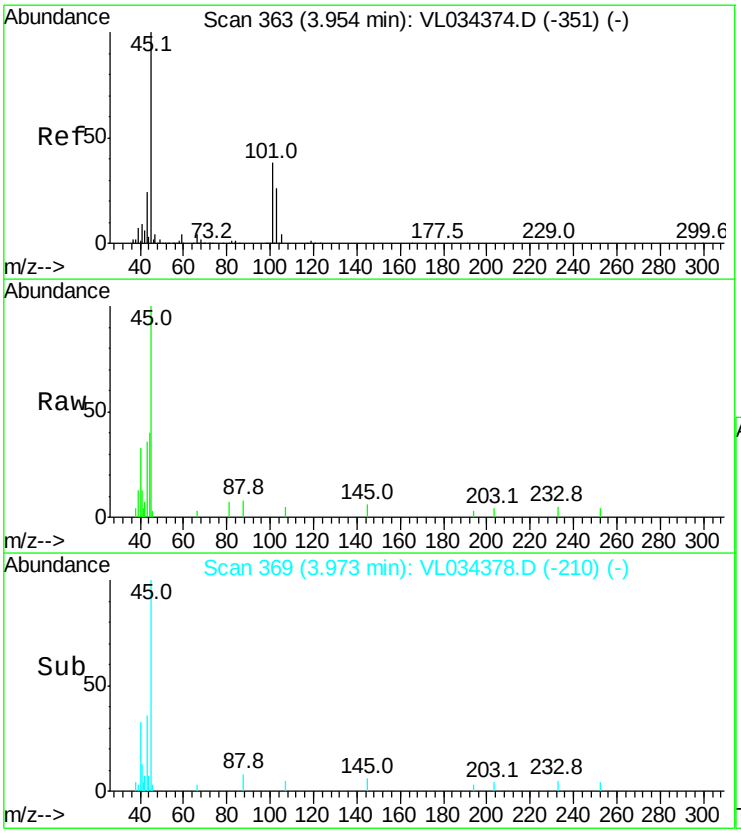
#18
1,1-Dichloroethene
Concen: 0.068 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 3278

Ion	Ratio	Lower	Upper
96	100		
61	44.3	164.5	246.7#
98	41.6	51.7	77.5#

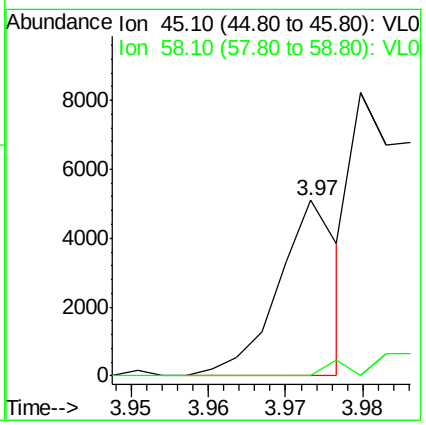


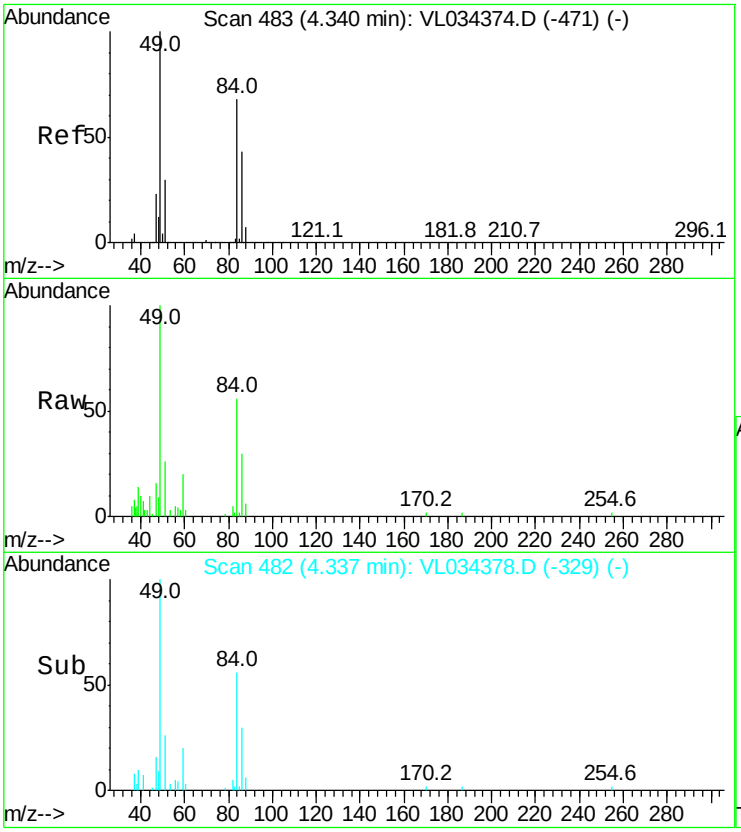


#19
Isopropyl Alcohol
Concen: 0.033 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 45 Resp: 2746

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#



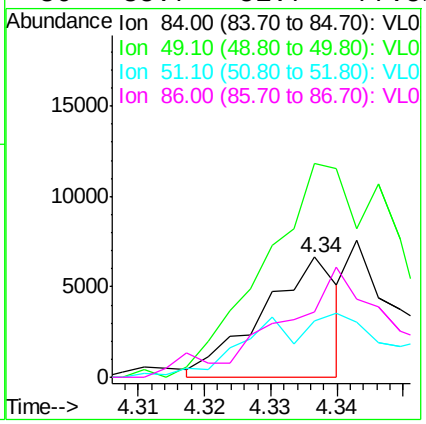


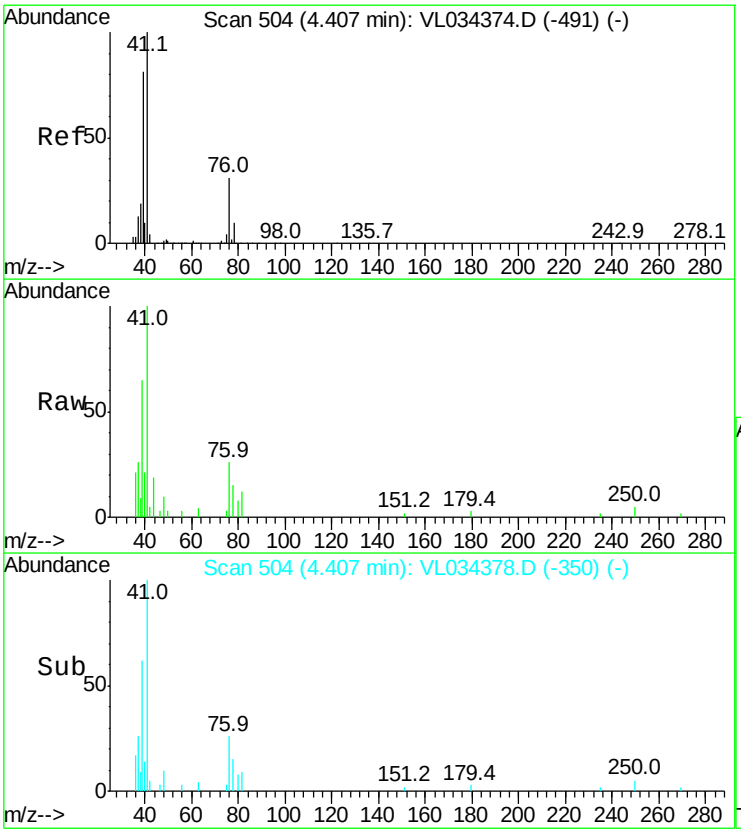
#20
Methylene Chloride
Concen: 0.097 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 5197

Ion	Ratio	Lower	Upper
84	100		
49	181.5	118.5	177.7#
51	41.6	38.8	58.2
86	35.7	51.7	77.5#

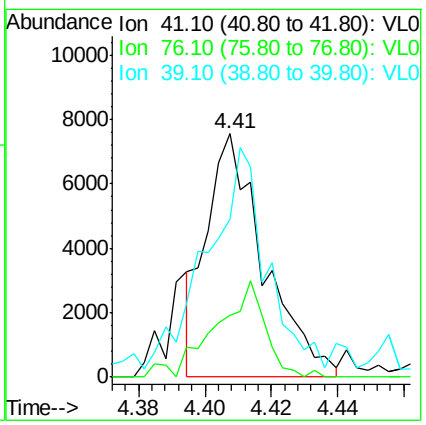


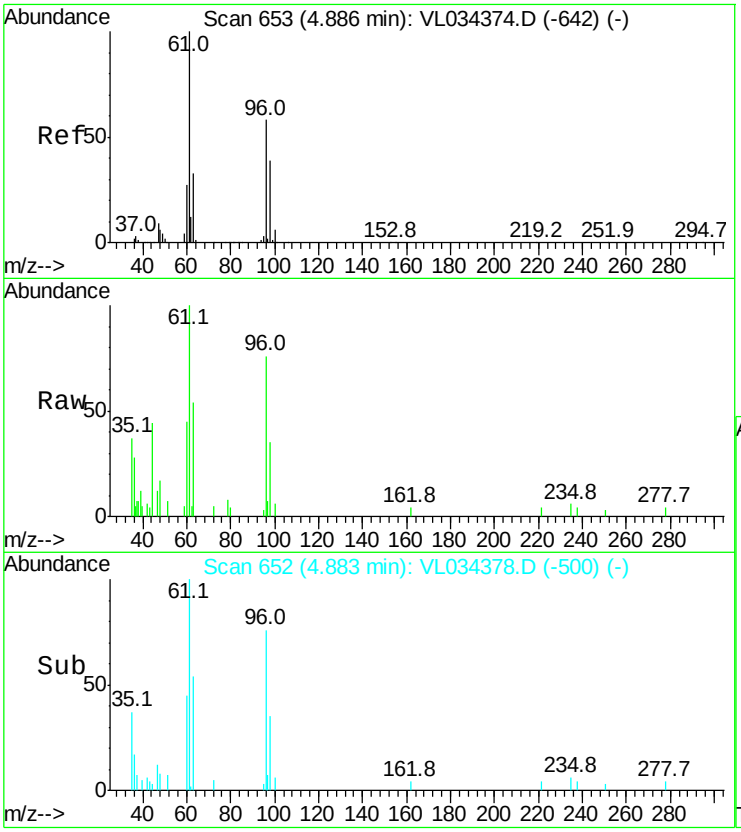


#21
Allyl Chloride
Concen: 0.111 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 41 Resp: 9065

Ion	Ratio	Lower	Upper
41	100		
76	34.5	22.8	34.2#
39	111.0	66.0	99.0#



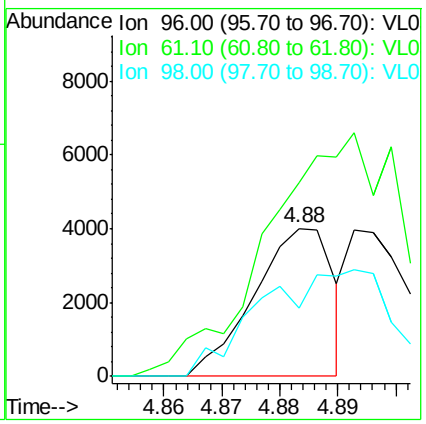


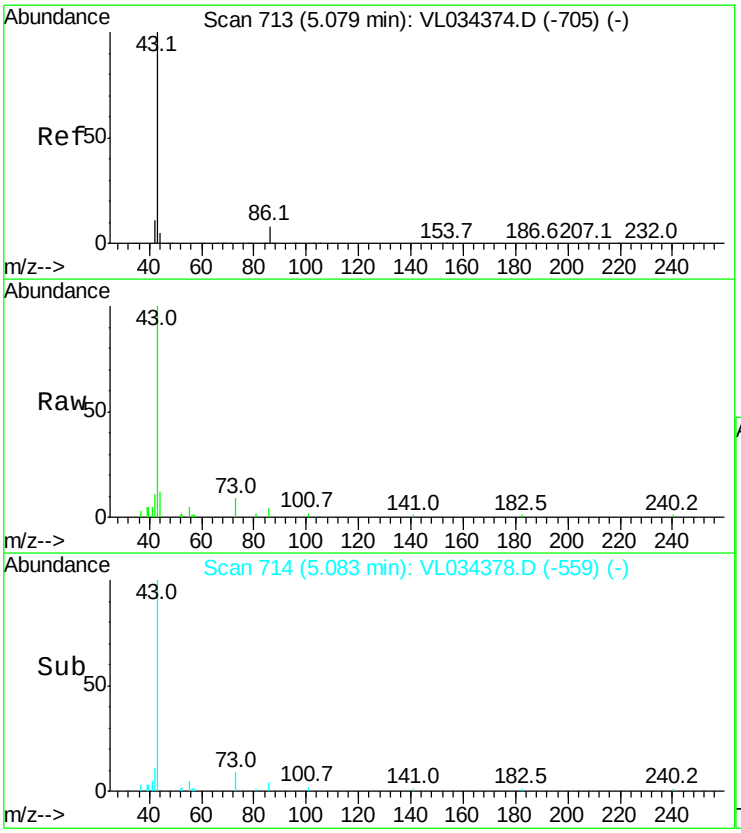
#22
trans-1,2-Dichloroethene
Concen: 0.078 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 3790

Ion	Ratio	Lower	Upper
96	100		
61	105.6	133.8	200.6#
98	46.4	49.4	74.0#

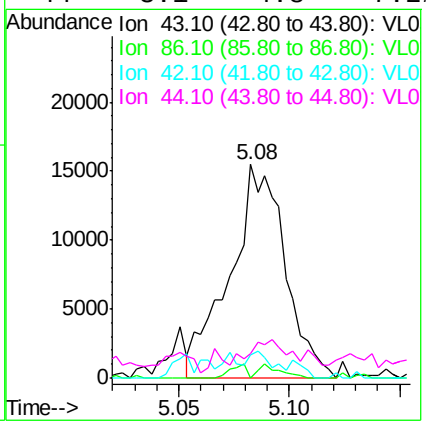


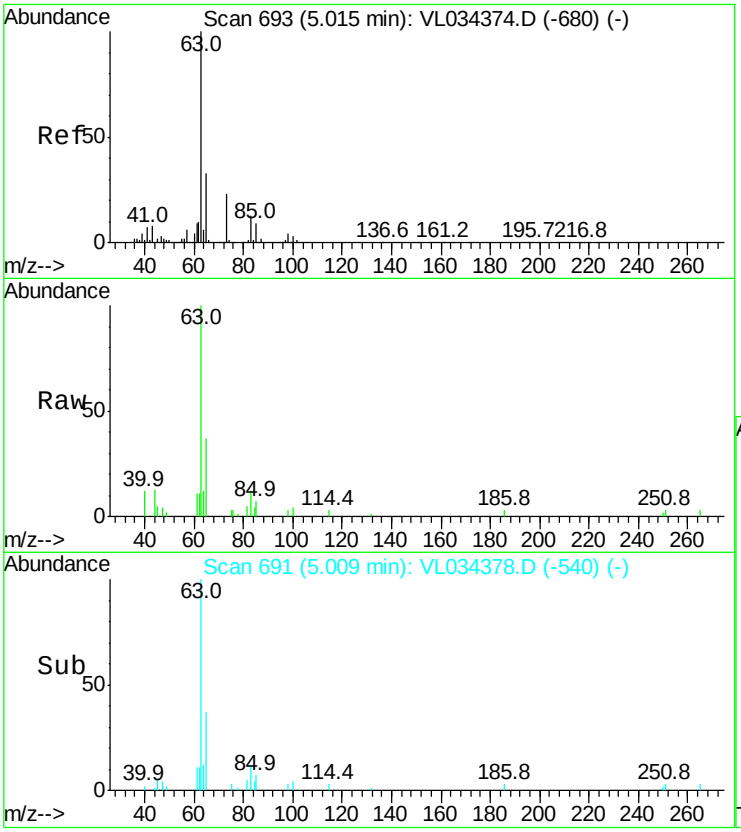


#23
Vinyl Acetate
Concen: 0.145 ppbv
RT: 5.08 min Scan# 714
Delta R.T. -0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 43 Resp: 26803

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	8.3	8.6	13.0#
44	3.1	4.8	7.2#



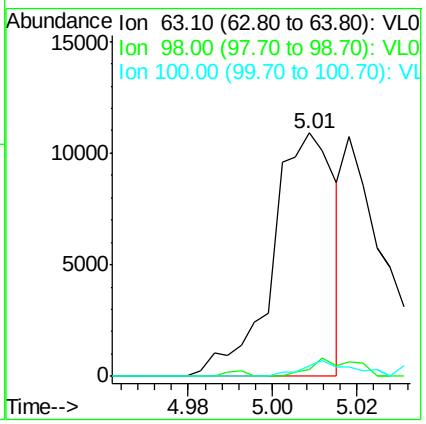


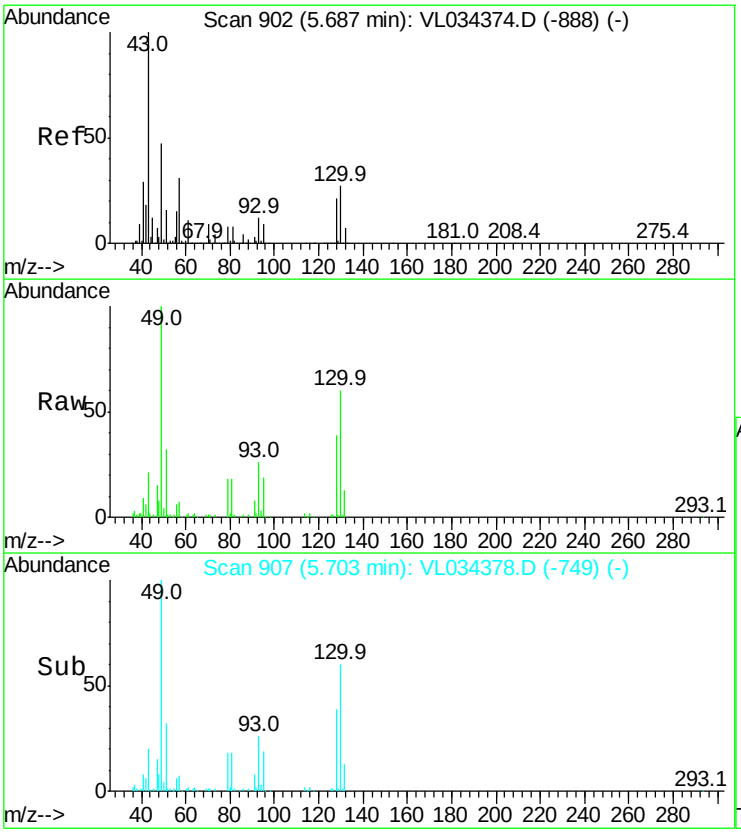
#24
1,1-Dichloroethane
Concen: 0.082 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 11179

Ion	Ratio	Lower	Upper
63	100		
98	2.9	2.0	6.0
100	4.3	1.1	3.5#

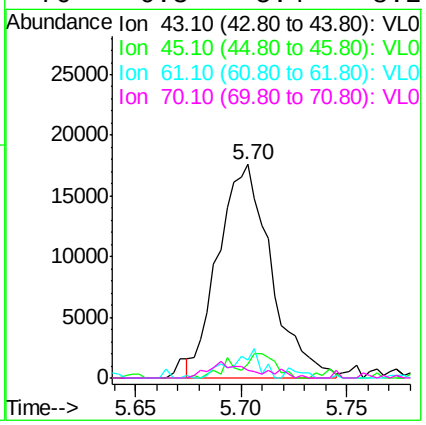


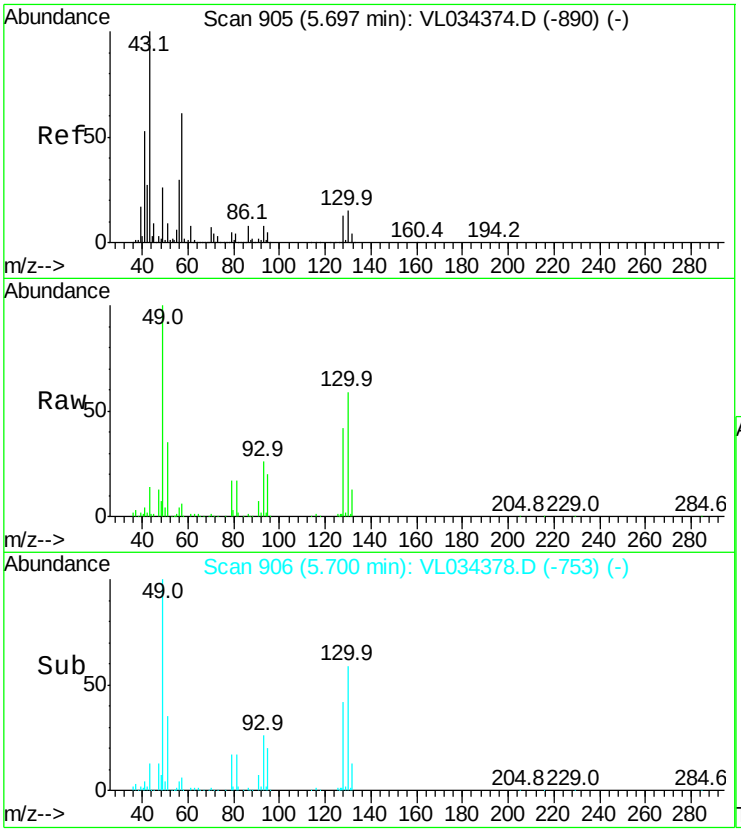


#25
Ethyl Acetate
Concen: 0.123 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 43 Resp: 30609

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.3	12.5
61	8.6	7.7	11.5
70	6.3	5.4	8.2



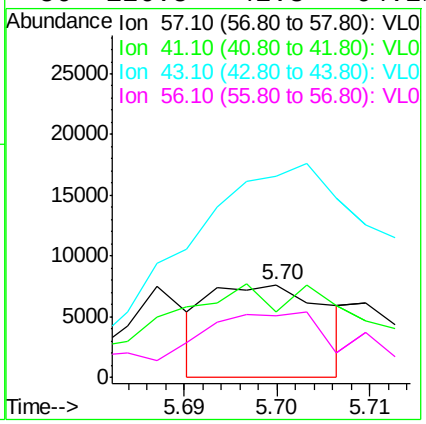


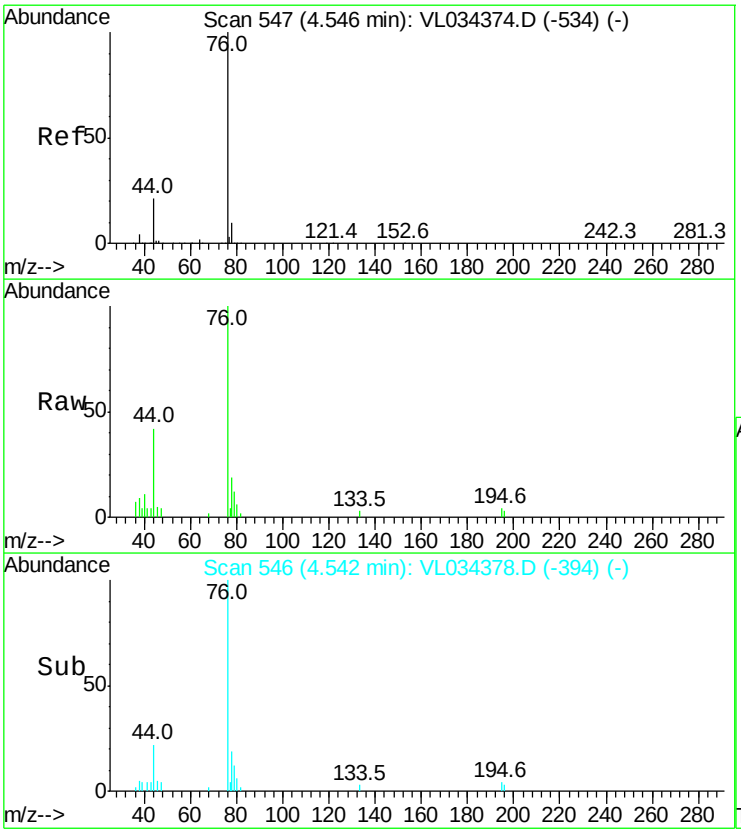
#26
Hexane
Concen: 0.062 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 6578

Ion	Ratio	Lower	Upper
57	100		
41	199.0	76.5	114.7#
43	481.8	188.5	282.7#
56	126.5	42.8	64.2#

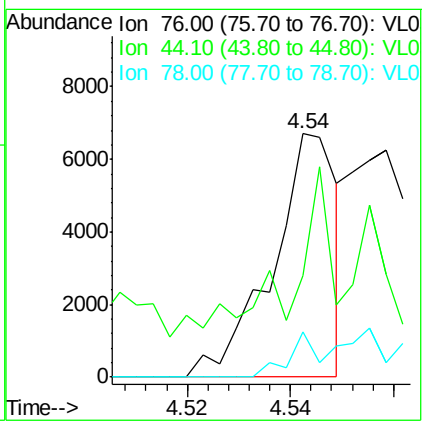


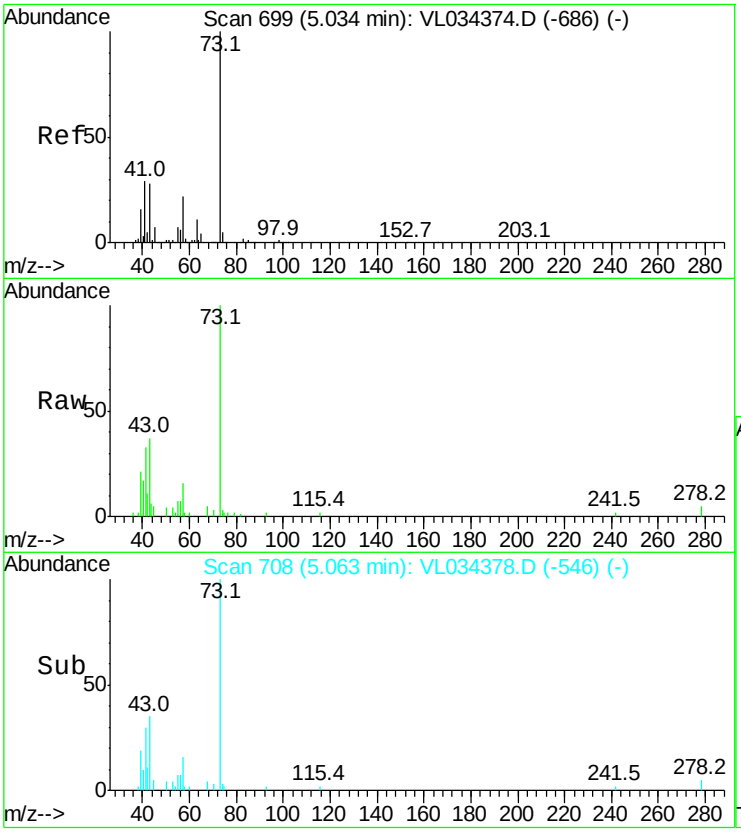


#27
Carbon Disulfide
Concen: 0.052 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 76 Resp: 5756

Ion	Ratio	Lower	Upper
76	100		
44	47.8	17.3	25.9#
78	0.0	7.8	11.6#



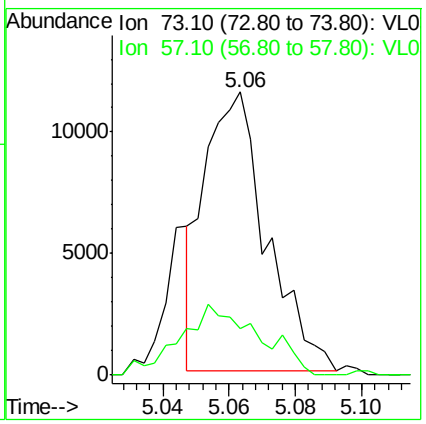


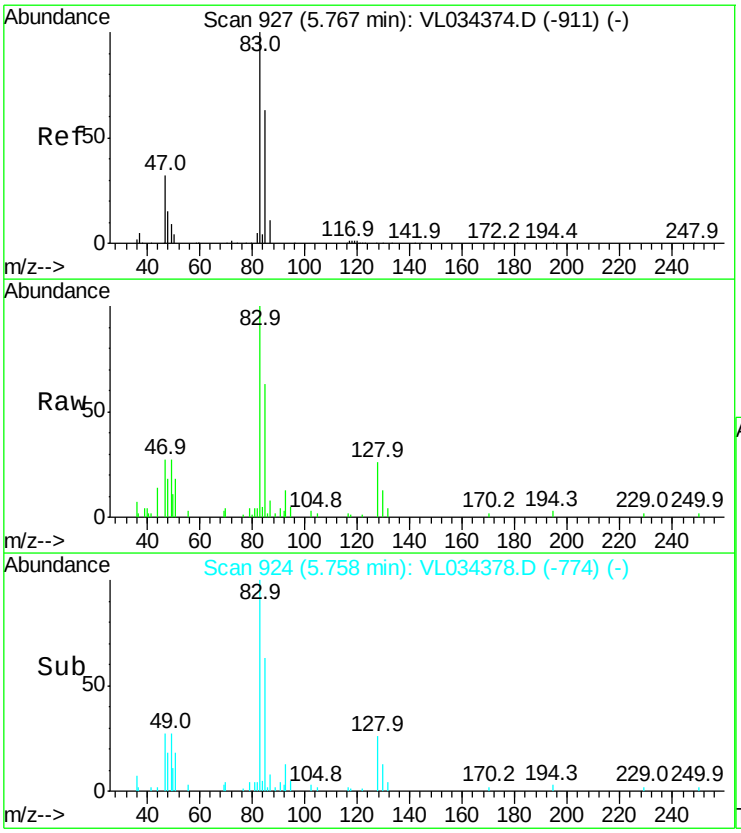
#28
Methyl tert-Butyl Ether
Concen: 0.092 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 73 Resp: 14815

Ion	Ratio	Lower	Upper
73	100		
57	32.9	19.2	28.8#

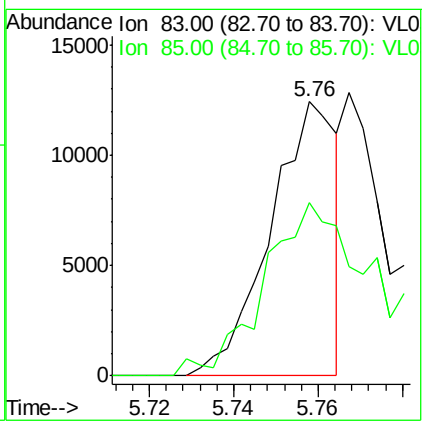


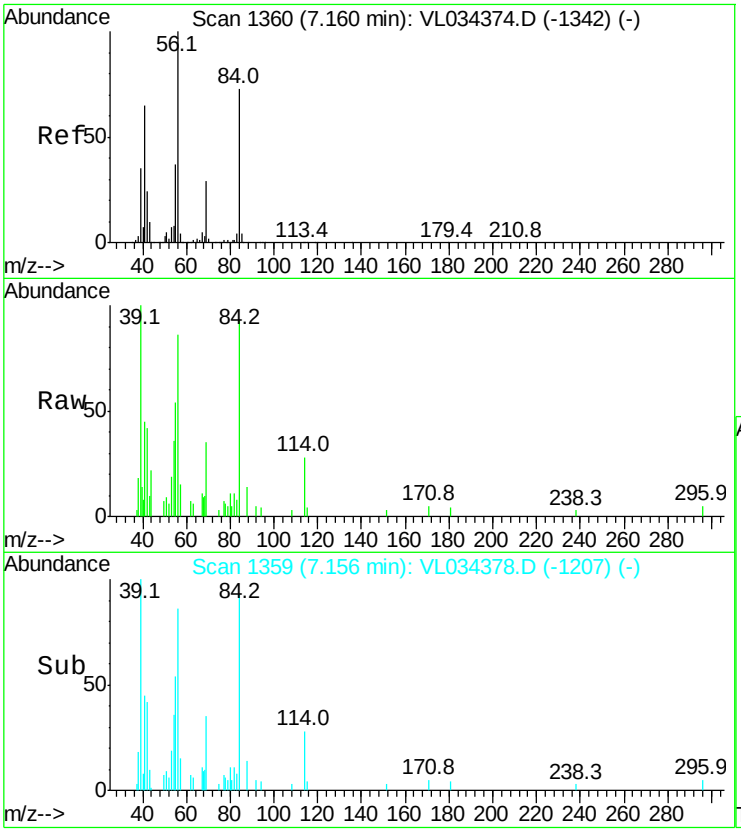


#29
Chloroform
Concen: 0.080 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 83 Resp: 13523

Ion	Ratio	Lower	Upper
83	100		
85	56.8	50.5	75.7



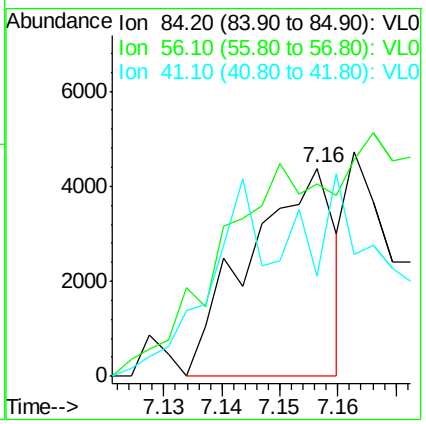


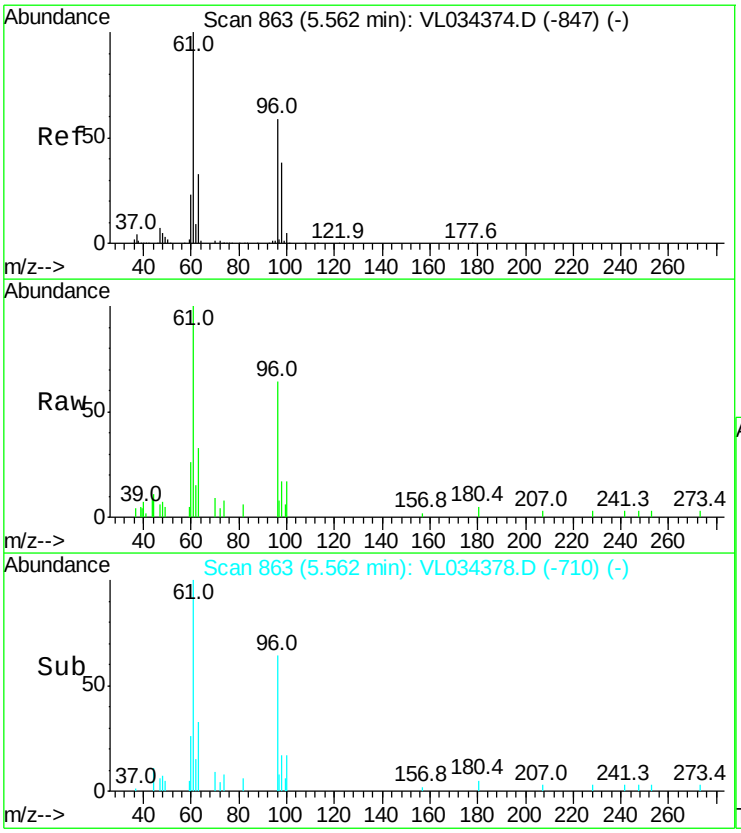
#30
Cyclohexane
Concen: 0.057 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 4468

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

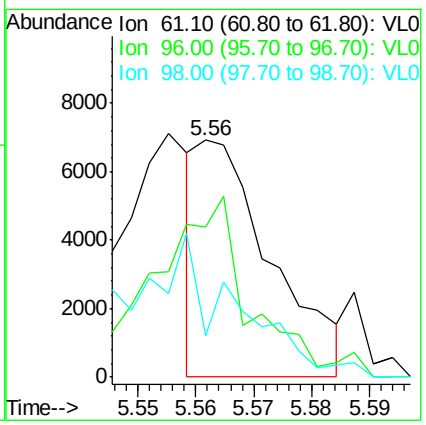


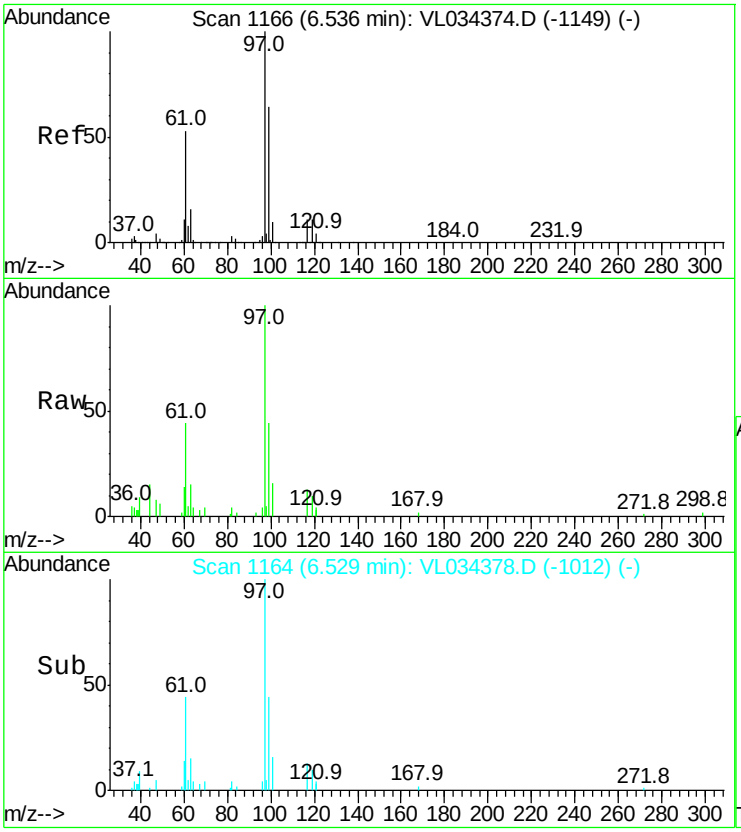


#31
cis-1,2-Dichloroethene
Concen: 0.056 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 61 Resp: 6074

Ion	Ratio	Lower	Upper
61	100		
96	74.4	47.5	71.3#
98	15.8	28.8	43.2#



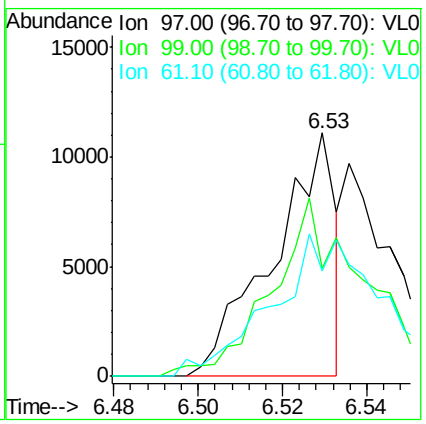


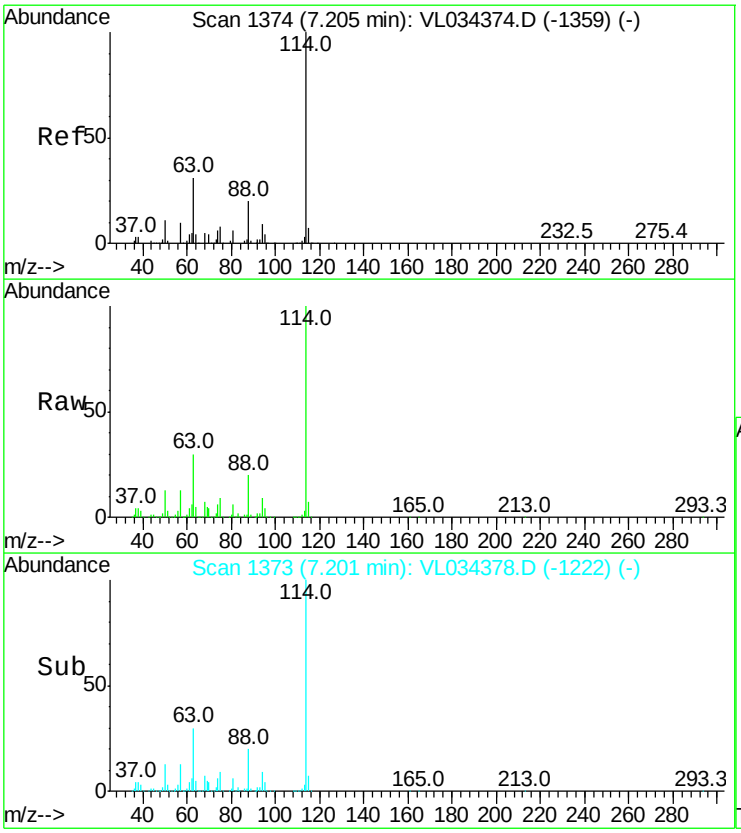
#32
1,1,1-Trichloroethane
Concen: 0.069 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 11364

Ion	Ratio	Lower	Upper
97	100		
99	108.2	52.6	78.8#
61	100.9	44.5	66.7#

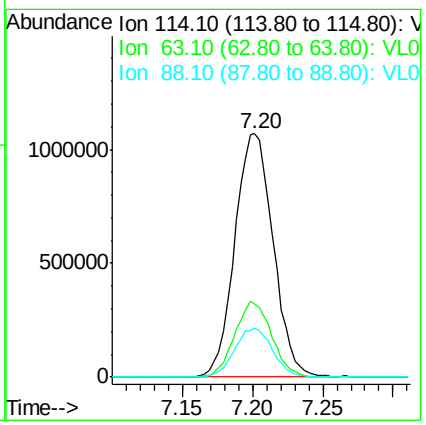


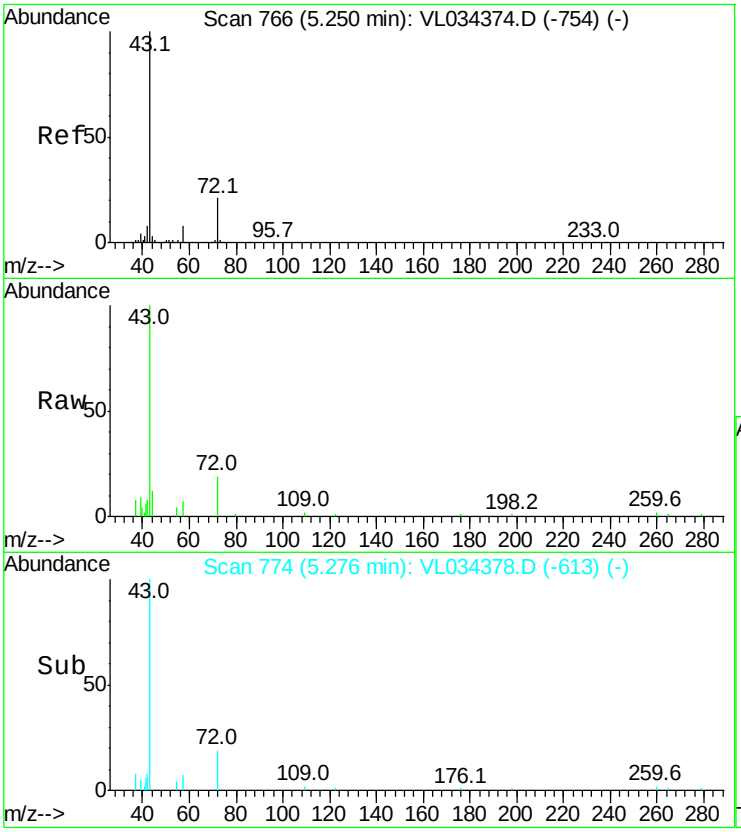


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:114 Resp: 2038912

Ion	Ratio	Lower	Upper
114	100		
63	30.1	25.2	37.8
88	20.1	16.0	24.0



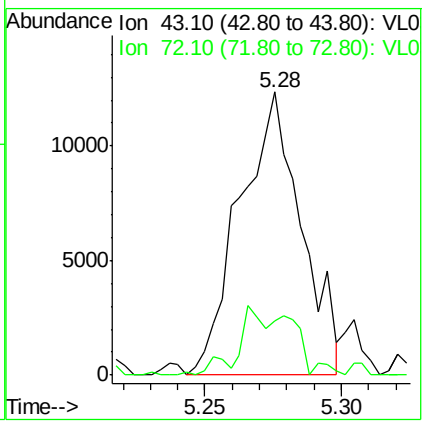


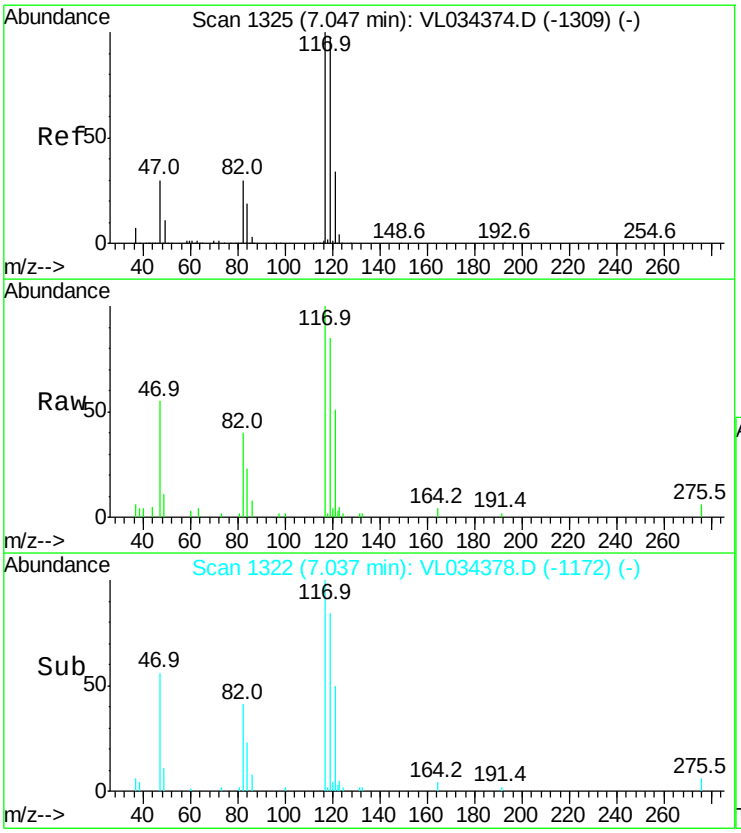
#34
2-Butanone
Concen: 0.116 ppbv
RT: 5.28 min Scan# 774
Delta R.T. 0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 19400

Ion	Ratio	Lower	Upper
43	100		
72	21.1	16.3	24.5

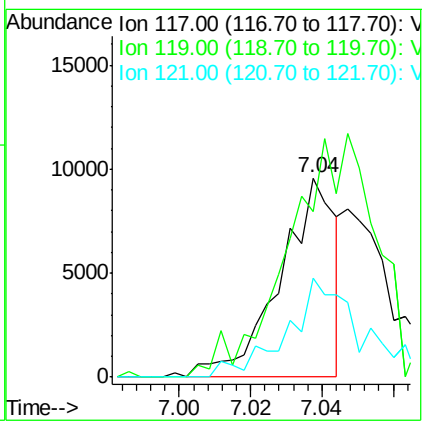


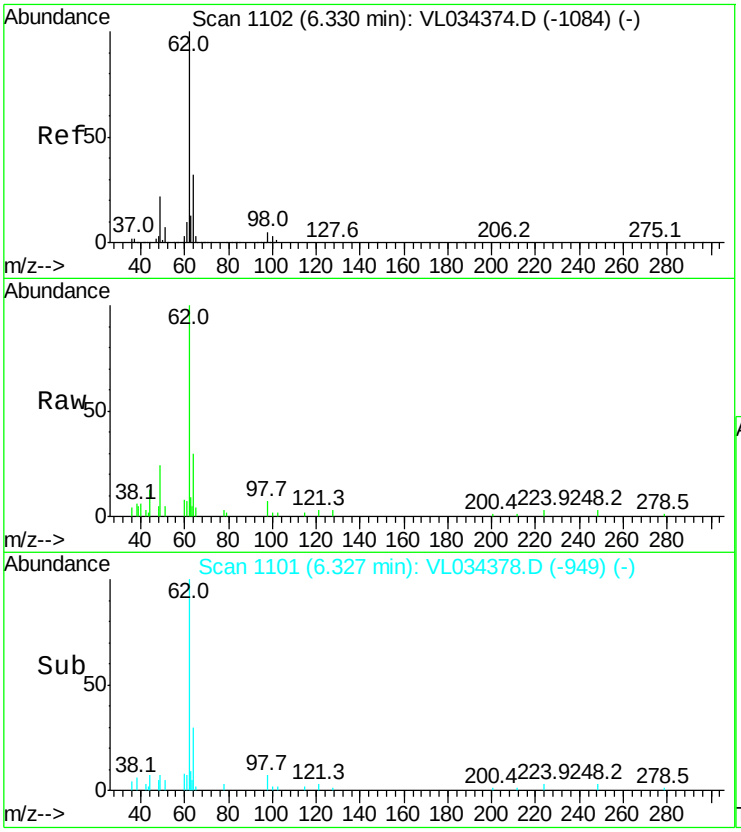


#35
Carbon Tetrachloride
Concen: 0.058 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:117 Resp: 10258

Ion	Ratio	Lower	Upper
117	100		
119	83.2	77.3	115.9
121	49.7	25.5	38.3#



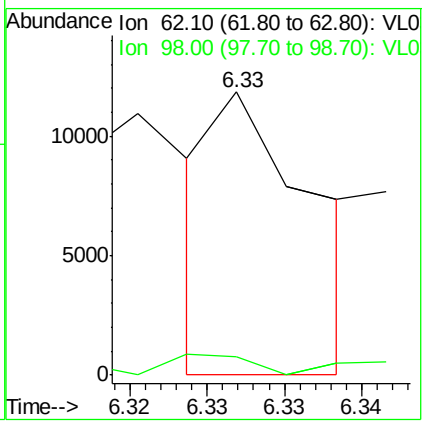


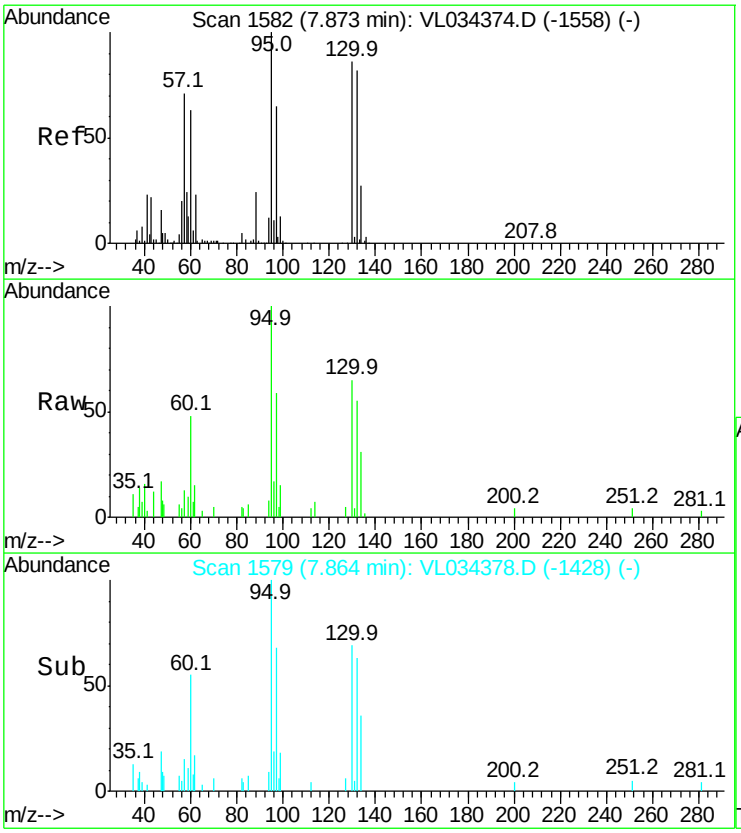
#37
1,2-Dichloroethane
Concen: 0.036 ppbv
RT: 6.33 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 5225

Ion	Ratio	Lower	Upper
62	100		
98	15.7	3.8	5.6#

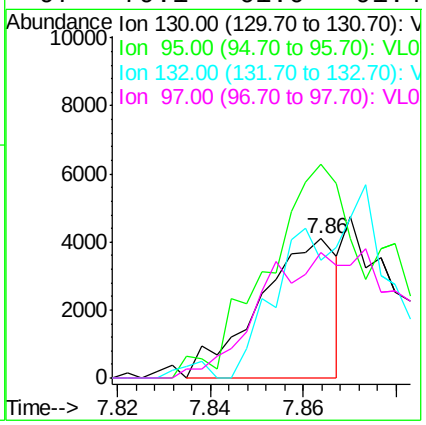


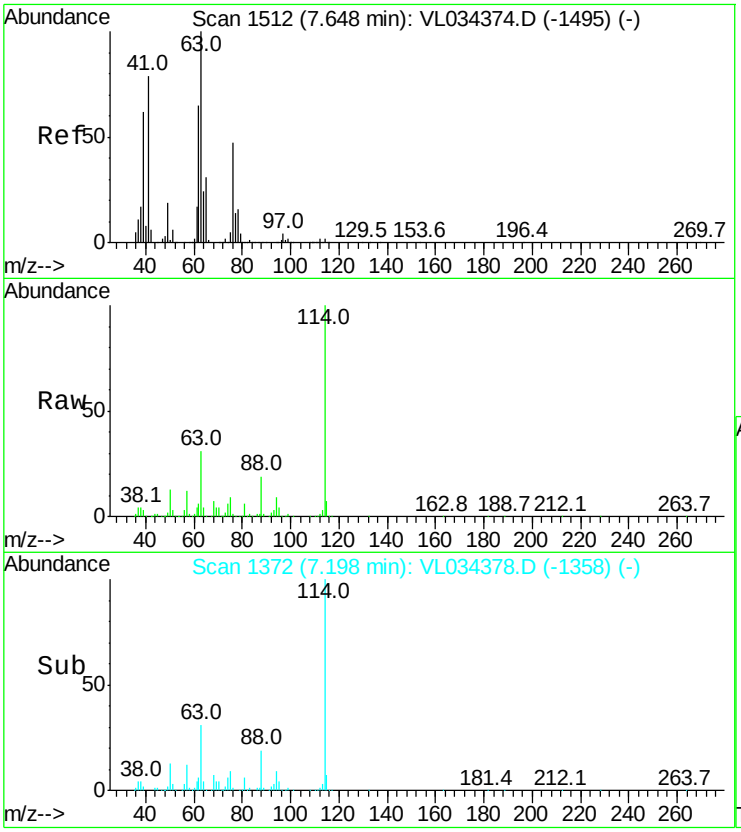


#38
Trichloroethene
Concen: 0.060 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:130 Resp: 4742

Ion	Ratio	Lower	Upper
130	100		
95	129.5	88.6	132.8
132	71.5	71.2	106.8
97	79.1	61.0	91.4



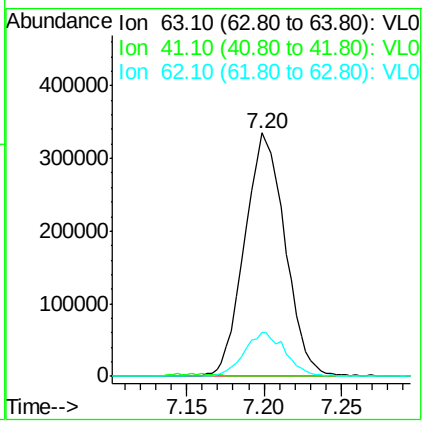


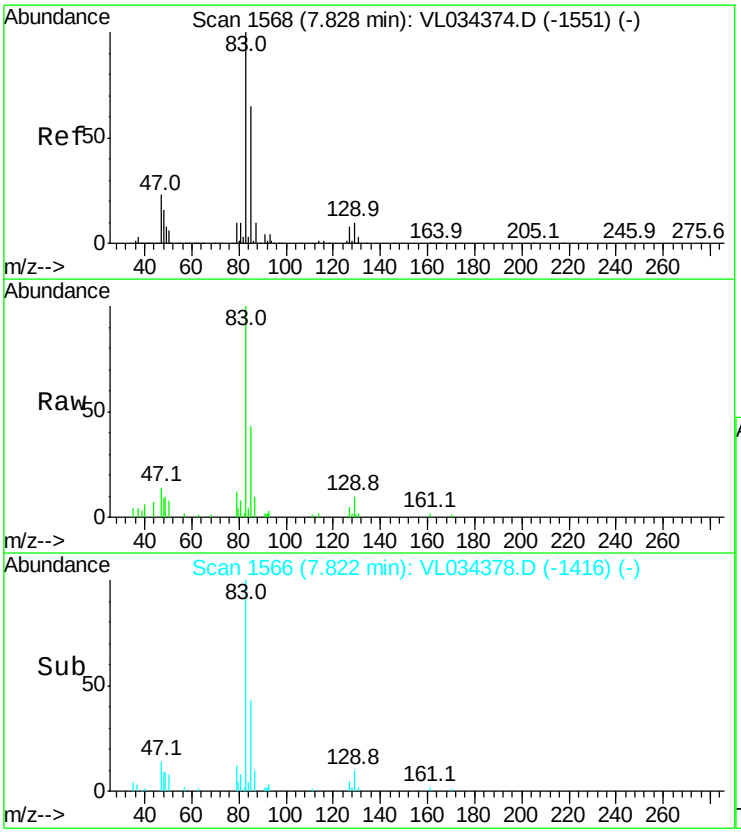
#39
1,2-Dichloropropane
Concen: 7.247 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.46 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 610418

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.6	98.4#
62	17.8	53.0	79.6#

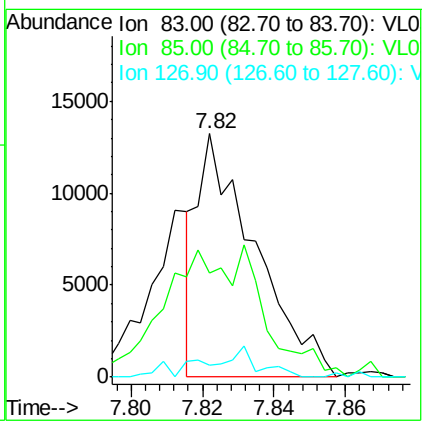


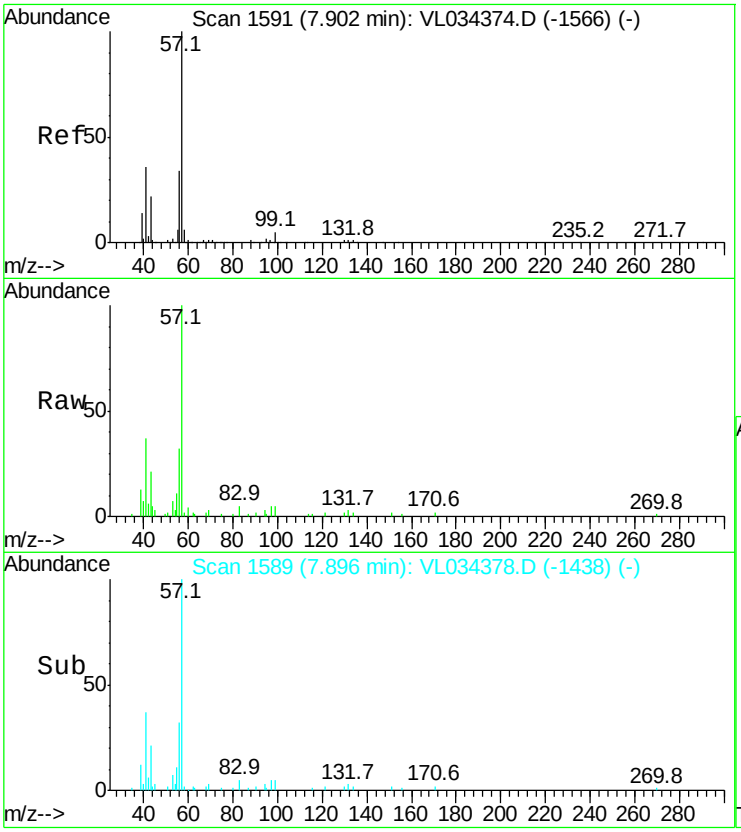


#42
Bromodichloromethane
Concen: 0.082 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 83 Resp: 14649

Ion	Ratio	Lower	Upper
83	100		
85	39.5	51.8	77.6#
127	3.1	7.0	10.6#



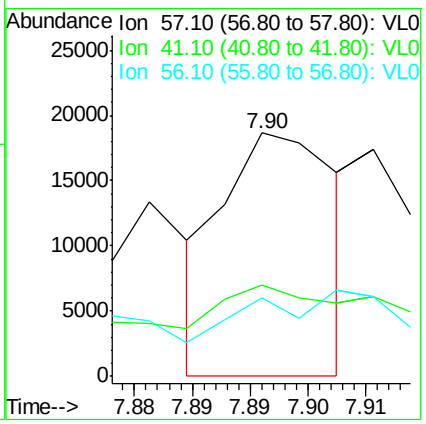


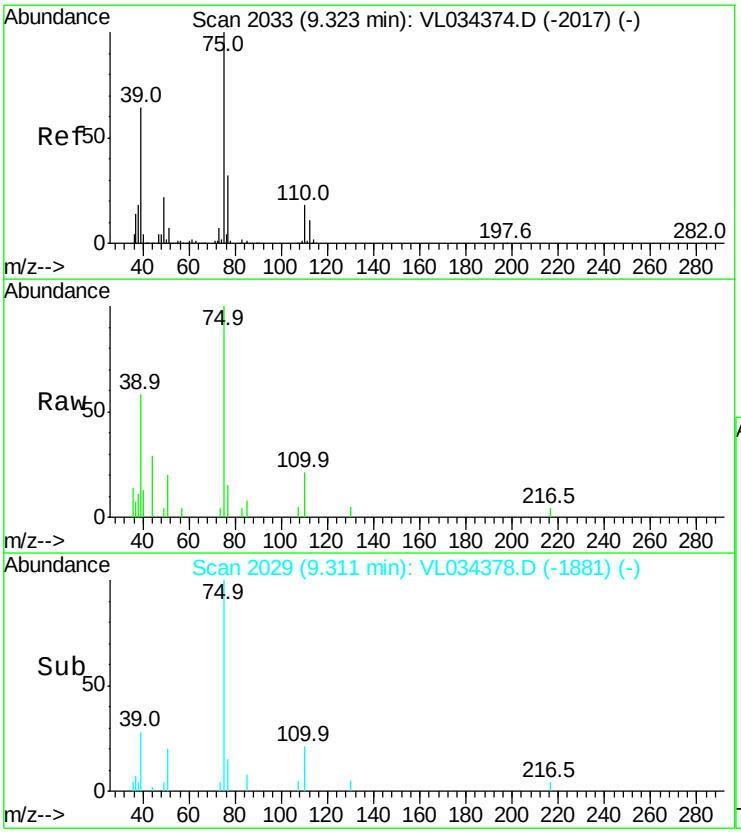
#44
2,2,4-Trimethylpentane
Concen: 0.035 ppbv
RT: 7.90 min Scan# 1589
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 12607

Ion	Ratio	Lower	Upper
57	100		
41	122.6	29.3	43.9#
56	0.0	25.3	37.9#

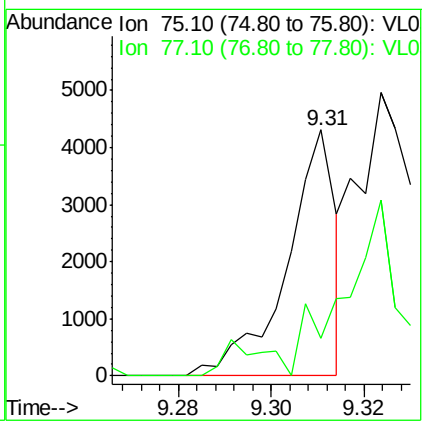


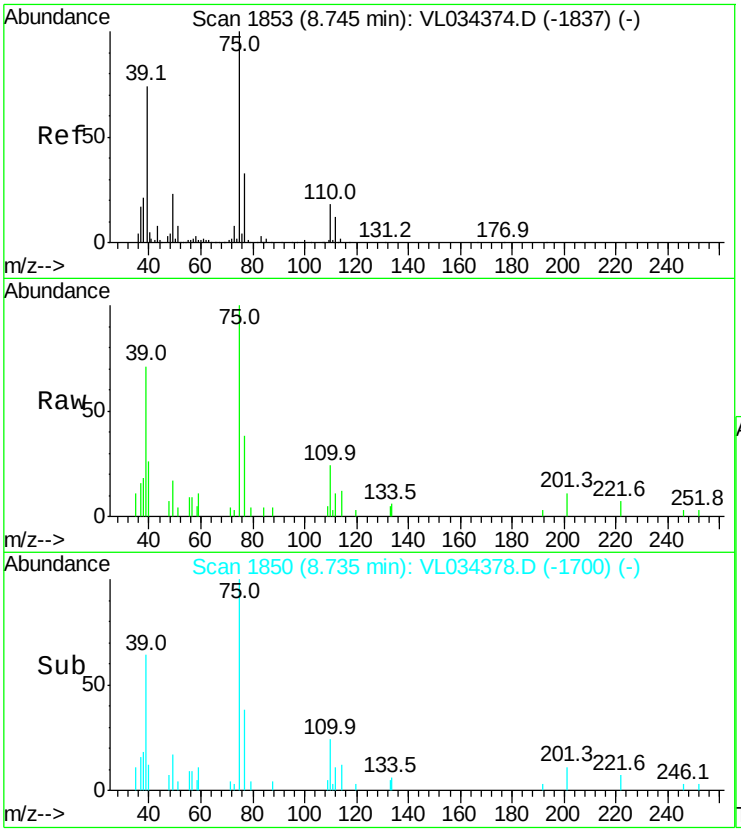


#45
t-1,3-Dichloropropene
Concen: 0.032 ppbv
RT: 9.31 min Scan# 2029
Delta R.T. -0.03 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 75 Resp: 3142

Ion	Ratio	Lower	Upper
75	100		
77	15.4	25.6	38.4#



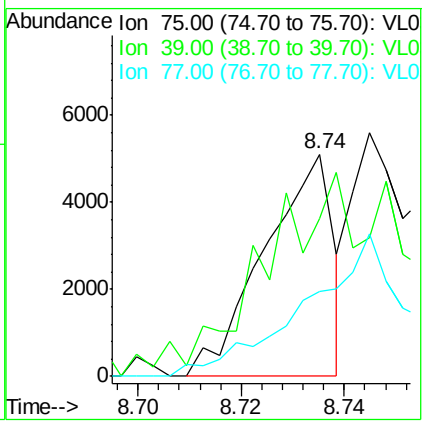


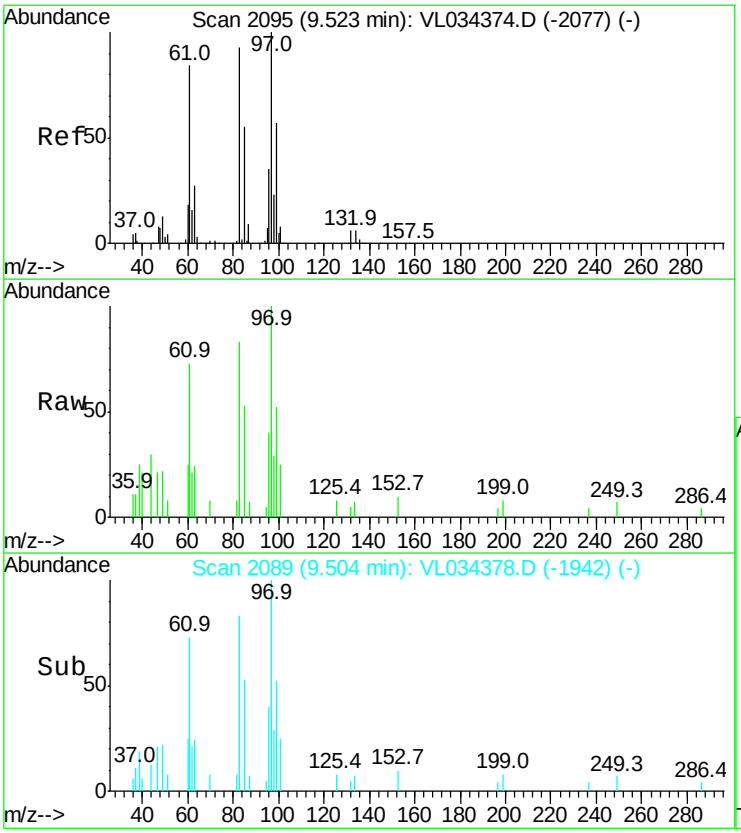
#46
cis-1,3-Dichloropropene
Concen: 0.042 ppbv
RT: 8.74 min Scan# 1850
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 75 Resp: 4702

Ion	Ratio	Lower	Upper
75	100		
39	65.8	61.2	91.8
77	32.6	25.9	38.9

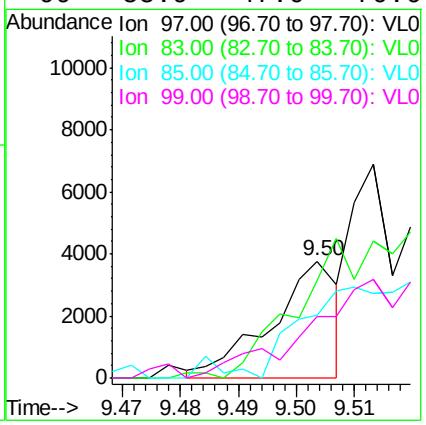


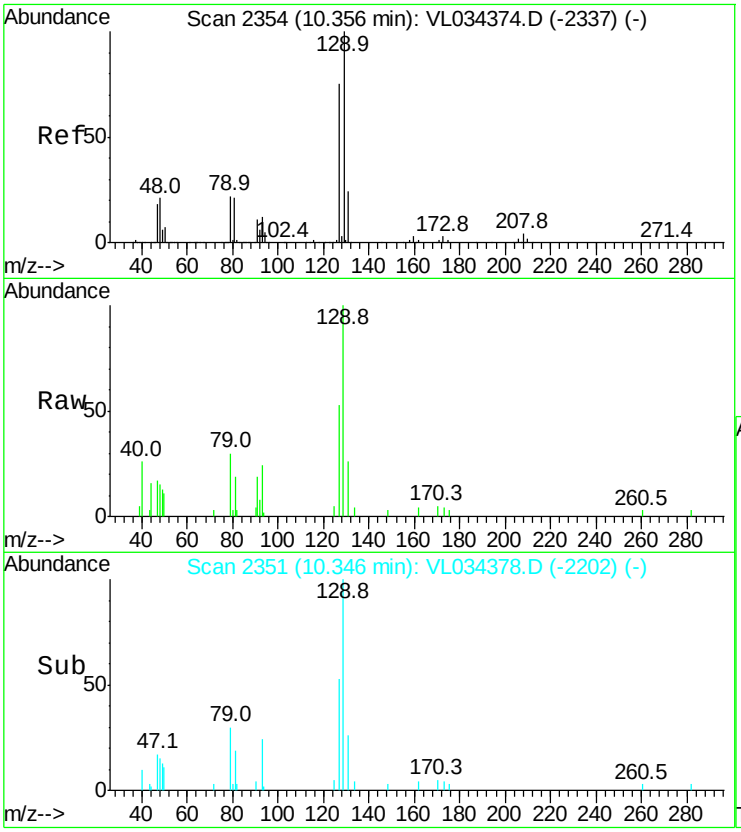


#47
1,1,2-Trichloroethane
Concen: 0.035 ppbv
RT: 9.50 min Scan# 2089
Delta R.T. -0.03 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 97 Resp: 2981

Ion	Ratio	Lower	Upper
97	100		
83	84.9	74.2	111.2
85	57.3	48.6	73.0
99	55.9	47.0	70.6



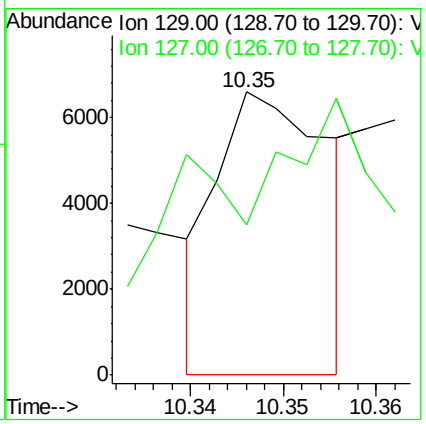


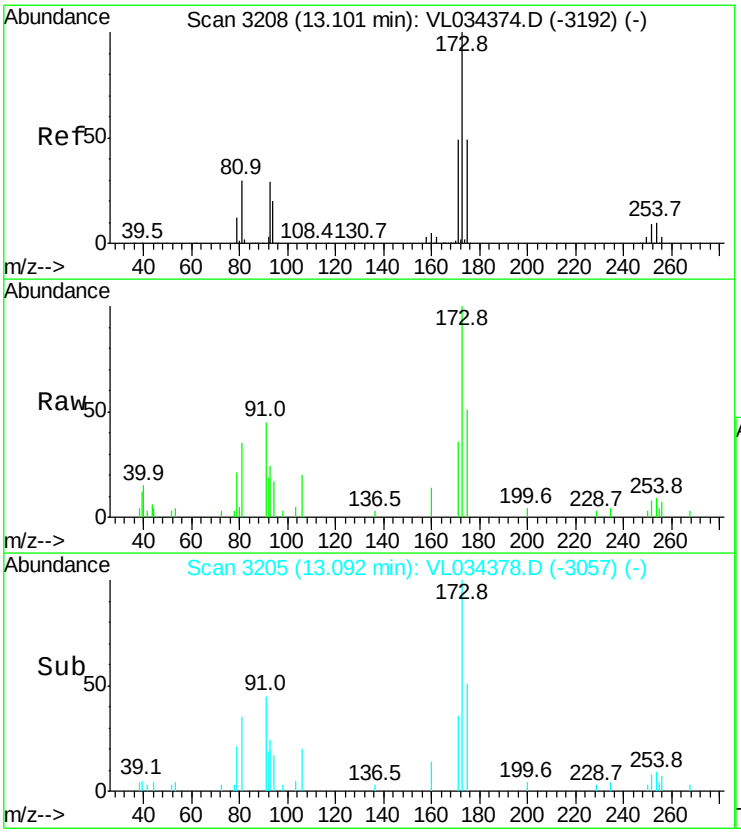
#48
Dibromochloromethane
Concen: 0.039 ppbv
RT: 10.35 min Scan# 2351
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 5488

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.7	119.1#

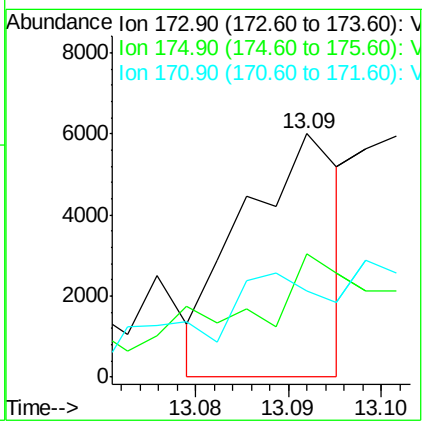


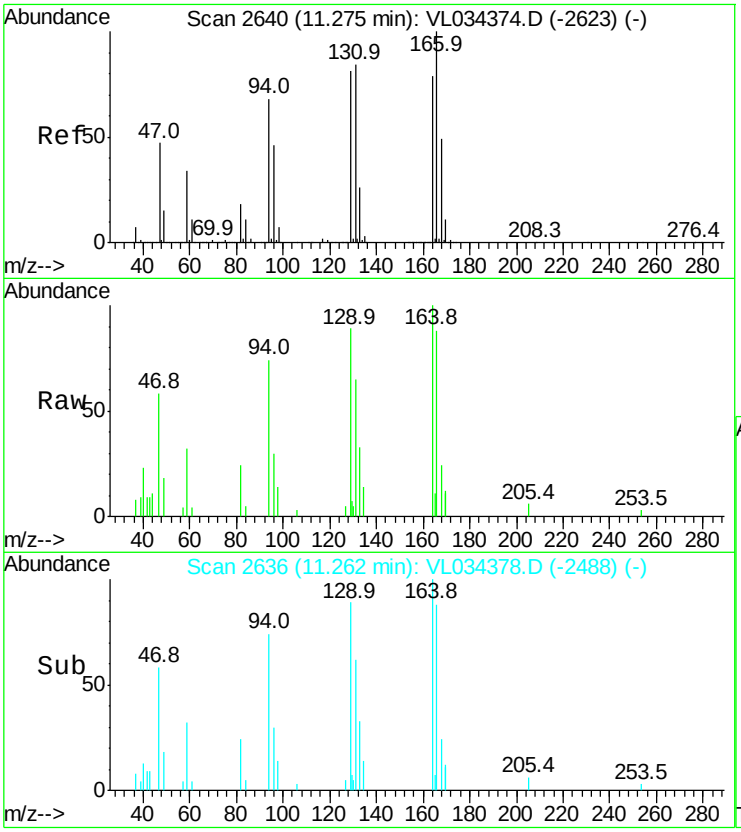


#49
Bromoform
Concen: 0.035 ppbv
RT: 13.09 min Scan# 3205
Delta R.T. -0.03 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:173 Resp: 4387

Ion	Ratio	Lower	Upper
173	100		
175	148.0	39.8	59.6#
171	0.0	41.8	62.6#



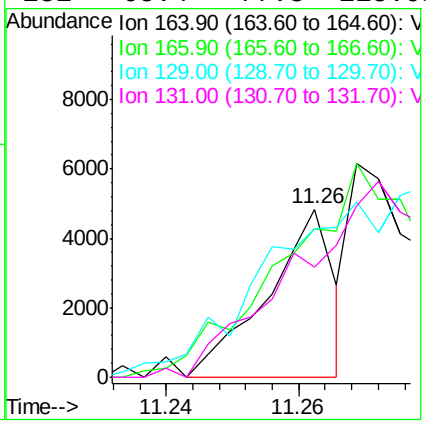


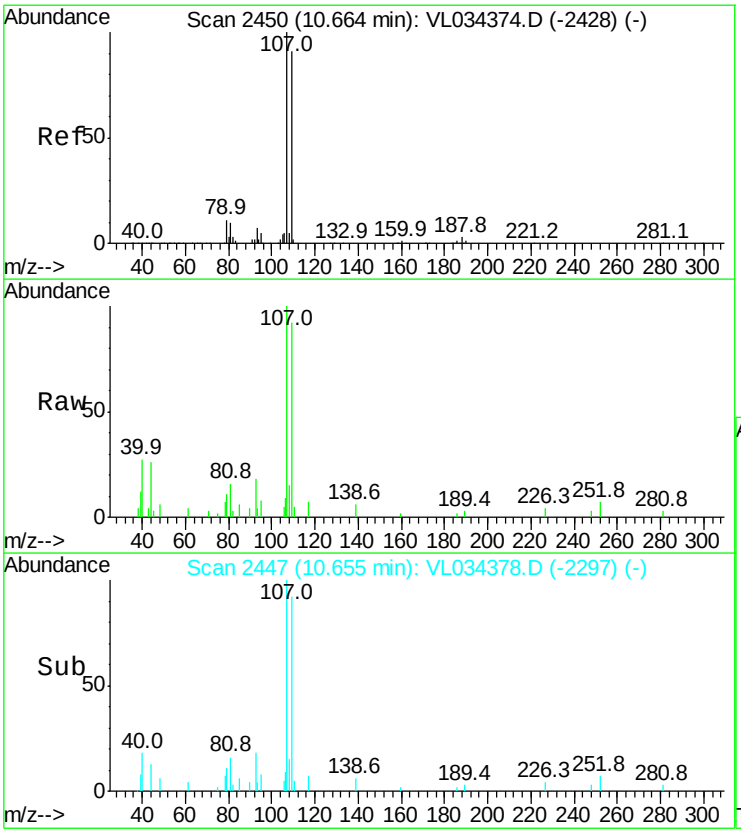
#52
Tetrachloroethene
Concen: 0.044 ppbv
RT: 11.26 min Scan# 2636
Delta R.T. -0.03 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:164 Resp: 3340

Ion	Ratio	Lower	Upper
164	100		
166	75.3	95.3	142.9#
129	82.5	84.5	126.7#
131	65.4	77.3	115.9#

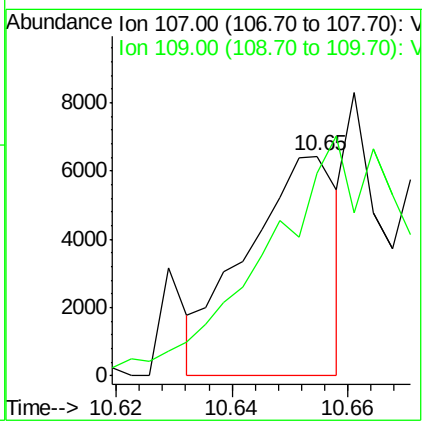


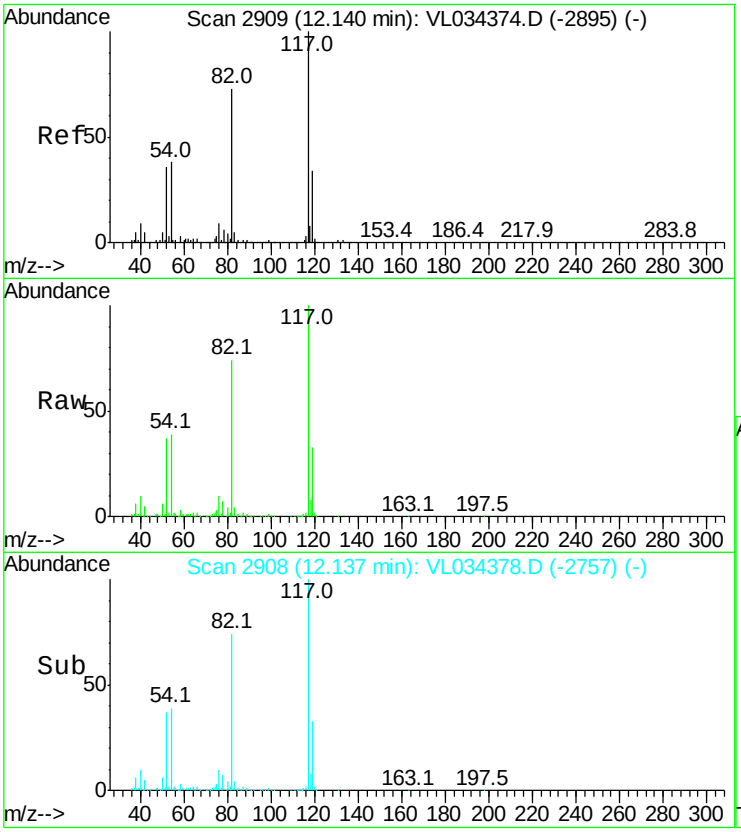


#54
1,2-Dibromoethane
Concen: 0.055 ppbv
RT: 10.65 min Scan# 2447
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:107 Resp: 6981

Ion	Ratio	Lower	Upper
107	100		
109	106.3	74.6	112.0



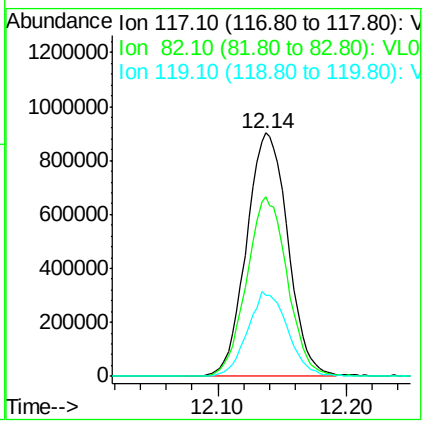


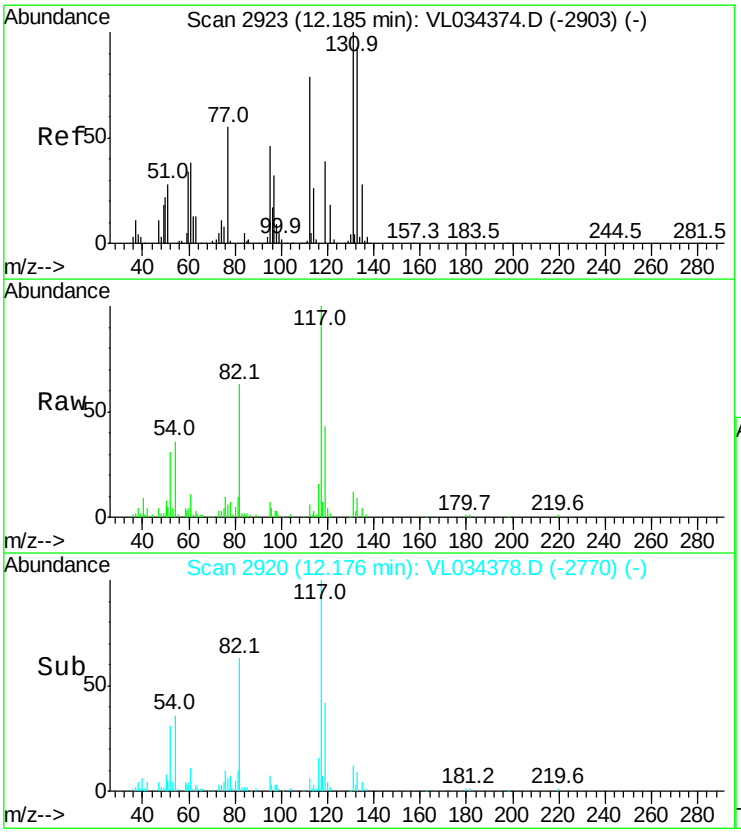
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 2020237

Ion	Ratio	Lower	Upper
117	100		
82	72.4	55.5	83.3
119	33.8	26.5	39.7

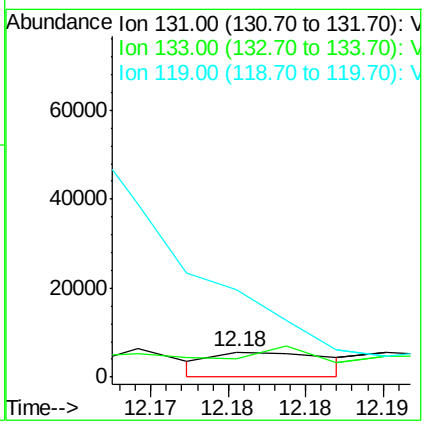


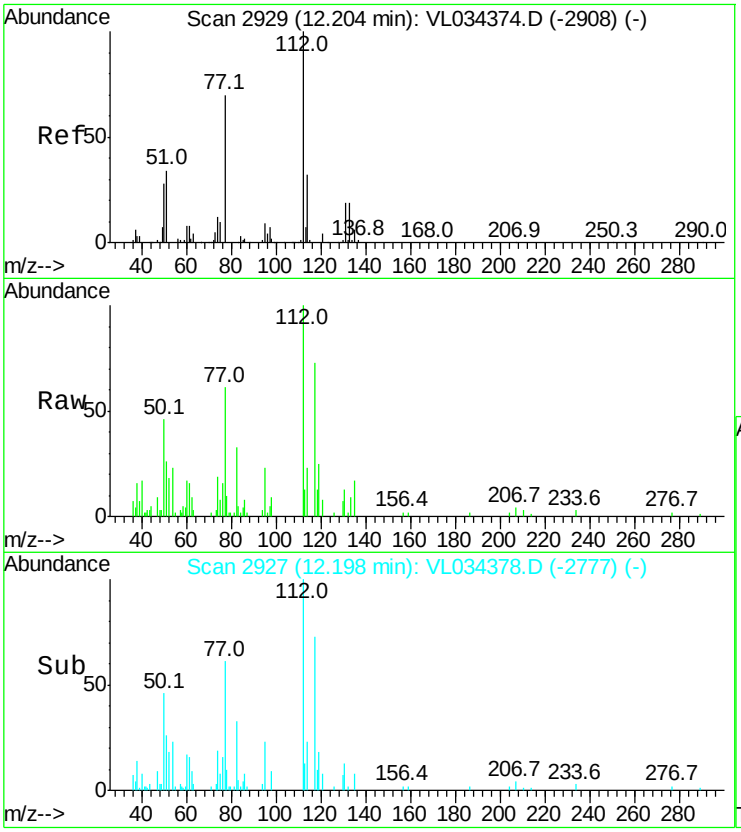


#56
1,1,1,2-Tetrachloroethane
Concen: 0.032 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:131 Resp: 2993

Ion	Ratio	Lower	Upper
131	100		
133	390.0	77.1	115.7#
119	0.0	49.0	73.4#



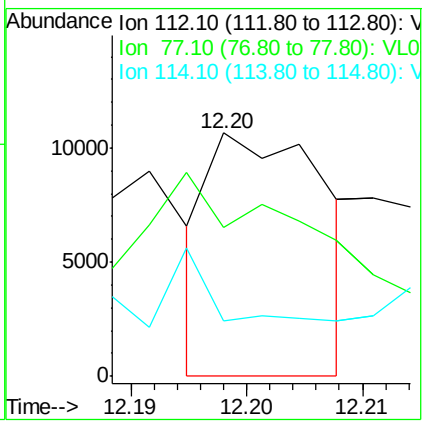


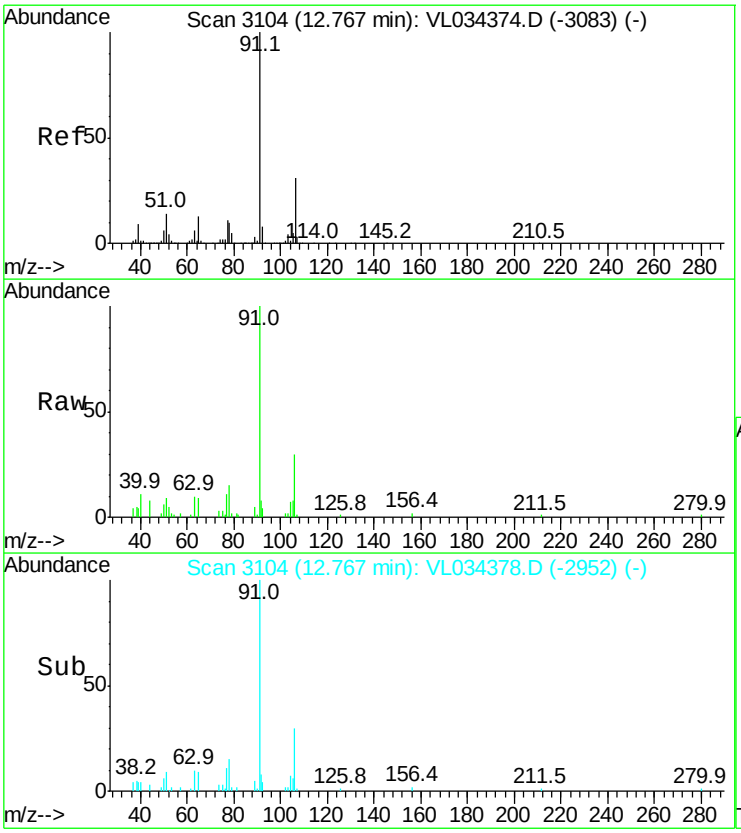
#57
Chlorobenzene
Concen: 0.044 ppbv
RT: 12.20 min Scan# 2927
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:112 Resp: 7360

Ion	Ratio	Lower	Upper
112	100		
77	14.1	58.6	88.0#
114	0.7	28.6	35.0#

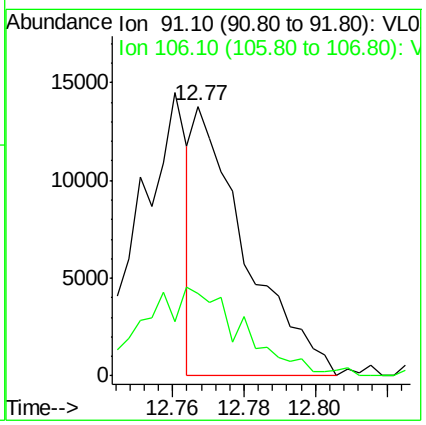


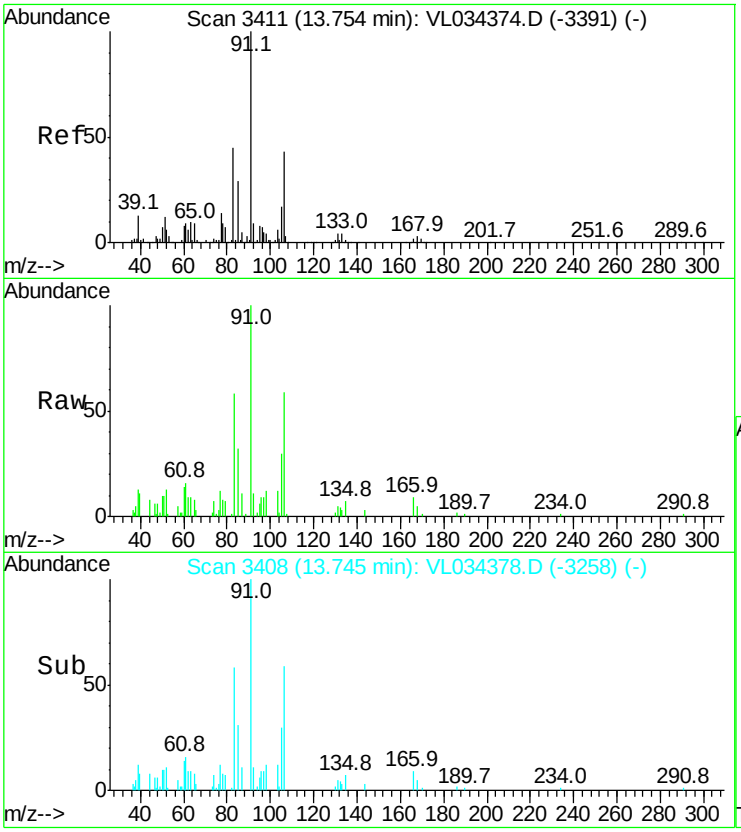


#58
Ethyl Benzene
Concen: 0.049 ppbv
RT: 12.77 min Scan# 3104
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 91 Resp: 13955

Ion	Ratio	Lower	Upper
91	100		
106	26.5	25.3	37.9



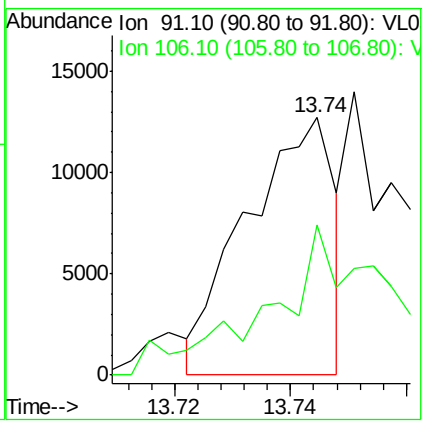


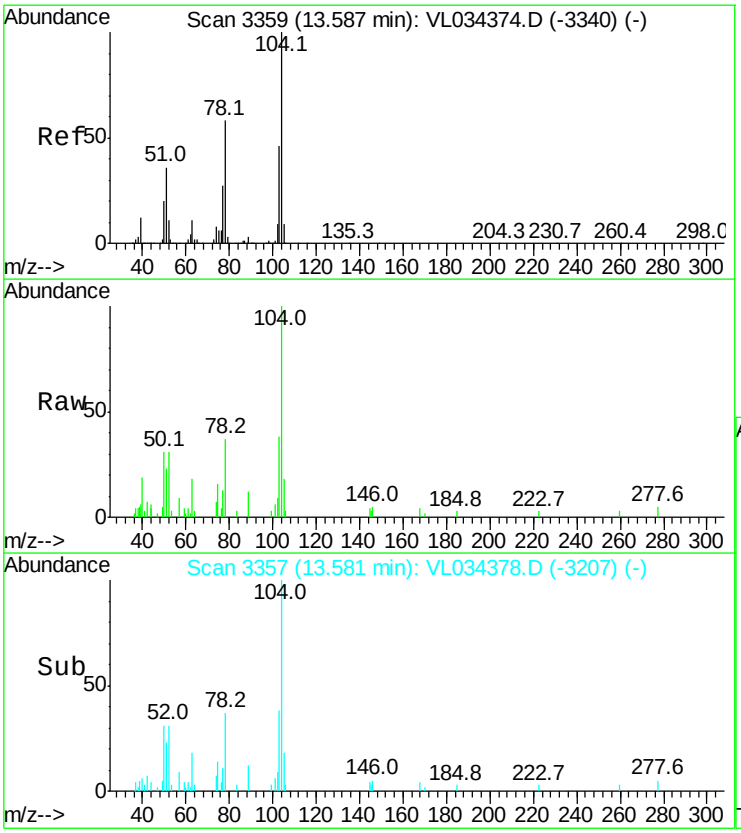
#60
o-Xylene
Concen: 0.055 ppbv
RT: 13.74 min Scan# 3408
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 13445

Ion	Ratio	Lower	Upper
91	100		
106	86.0	21.6	64.6#

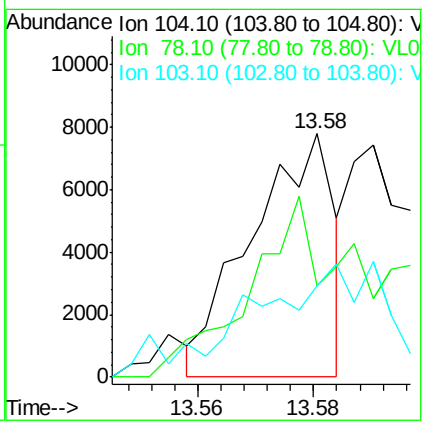


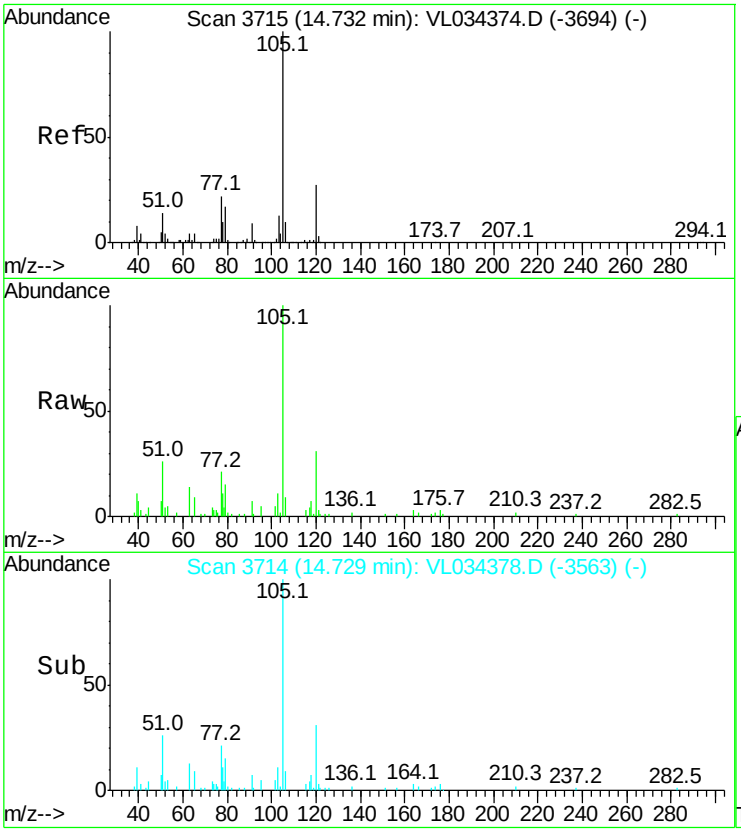


#61
Styrene
Concen: 0.045 ppbv
RT: 13.58 min Scan# 3357
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:104 Resp: 7702

Ion	Ratio	Lower	Upper
104	100		
78	132.3	47.8	71.8#
103	0.0	39.0	58.6#



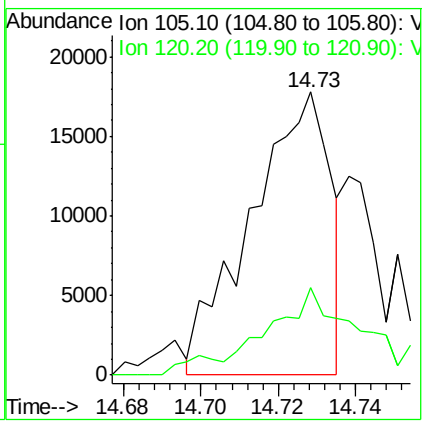


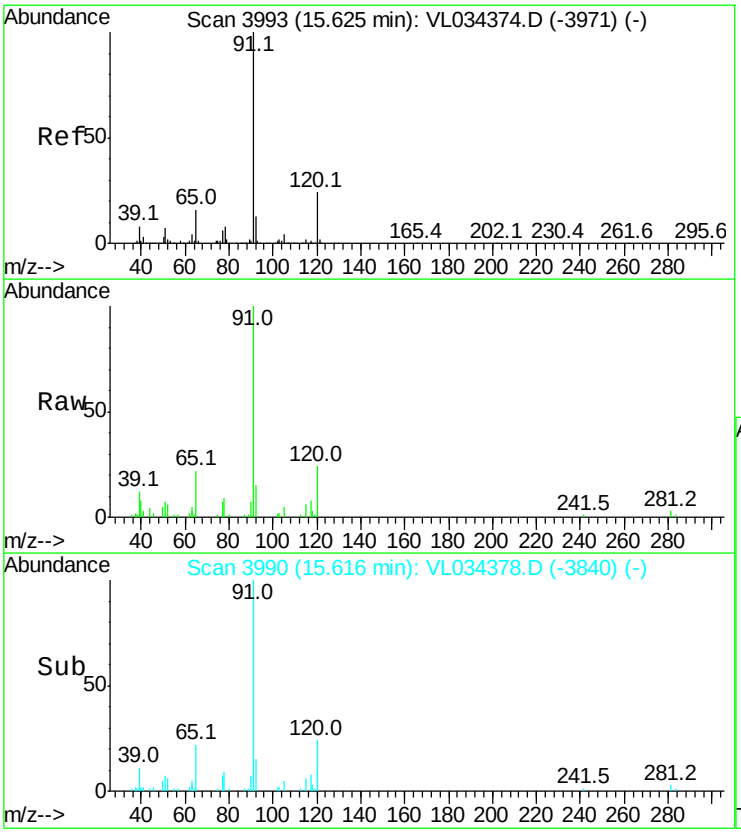
#62
Isopropylbenzene
Concen: 0.079 ppbv
RT: 14.73 min Scan# 3714
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 25401

Ion	Ratio	Lower	Upper
105	100		
120	38.9	20.8	31.2#

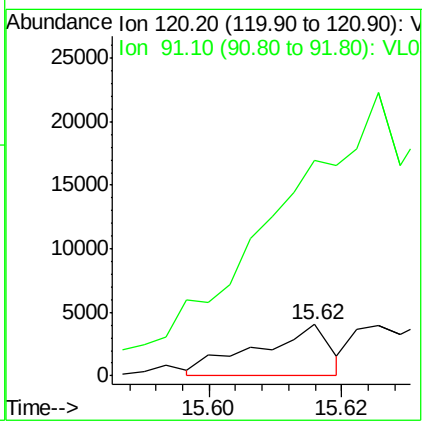


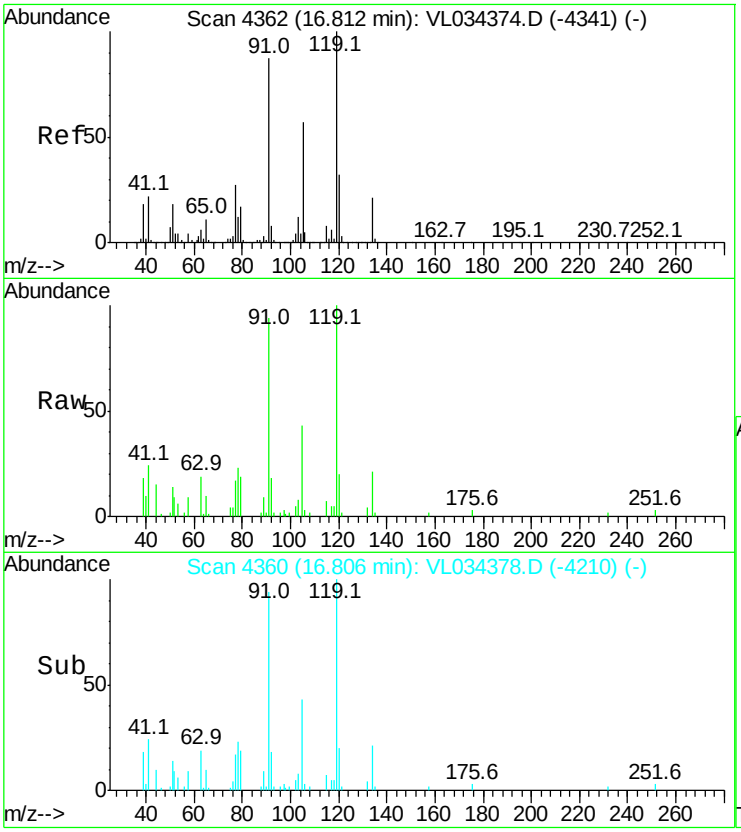


#64
n-propylbenzene
Concen: 0.037 ppbv
RT: 15.62 min Scan# 3990
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:120 Resp: 3076

Ion	Ratio	Lower	Upper
120	100		
91	0.0	374.9	562.3#



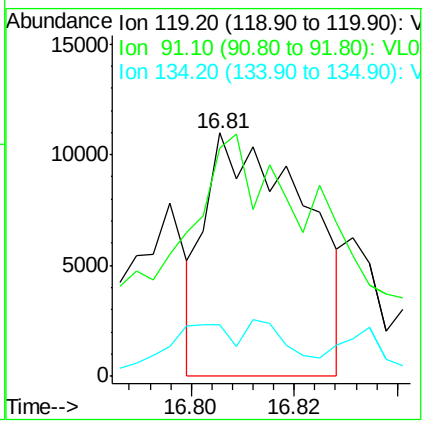


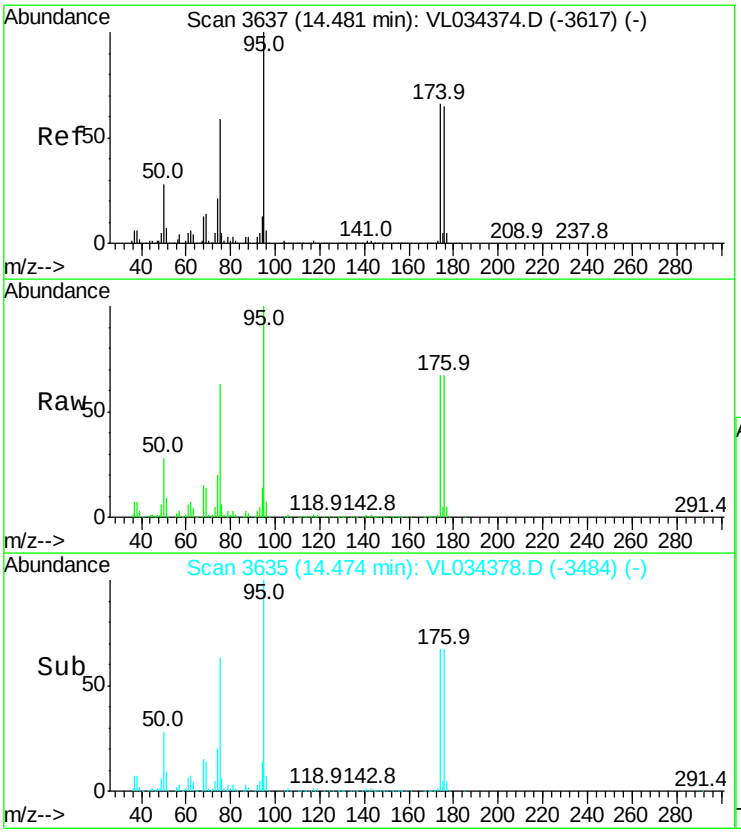
#65
tert-Butylbenzene
Concen: 0.051 ppbv
RT: 16.81 min Scan# 4360
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 14543

Ion	Ratio	Lower	Upper
119	100		
91	186.6	71.4	107.0#
134	43.0	15.9	23.9#

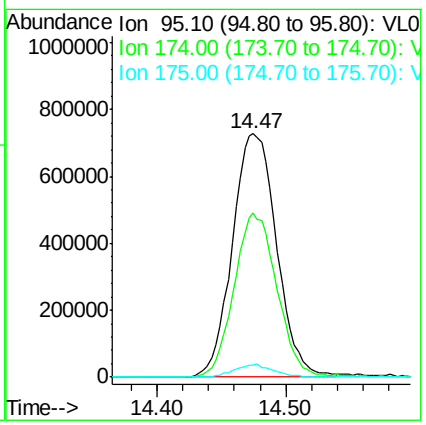


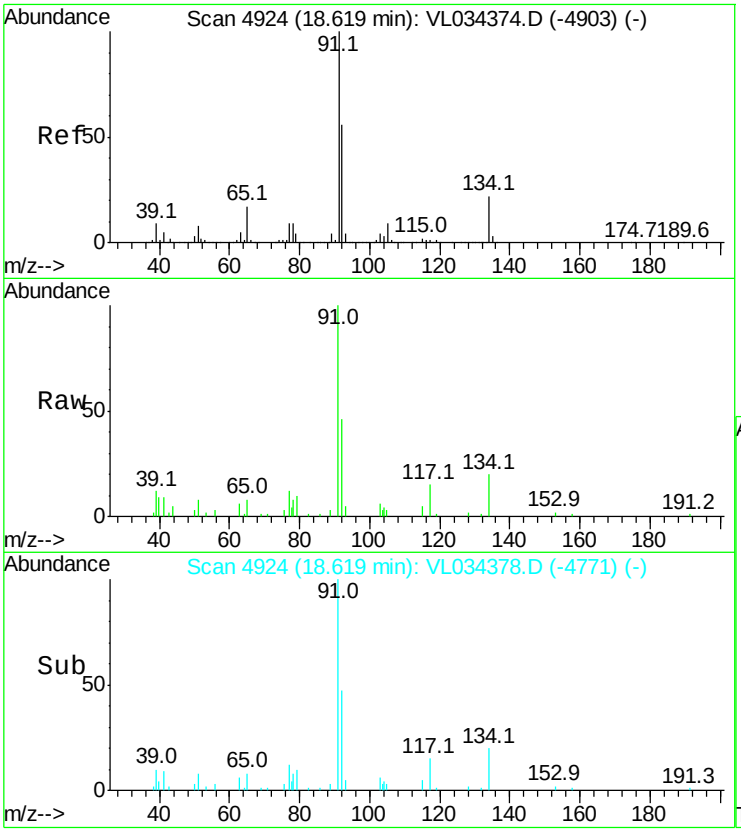


#68
1-Bromo-4-Fluorobenzene
Concen: 10.094 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 95 Resp: 1727160

Ion	Ratio	Lower	Upper
95	100		
174	66.1	52.6	78.8
175	4.7	3.8	5.6



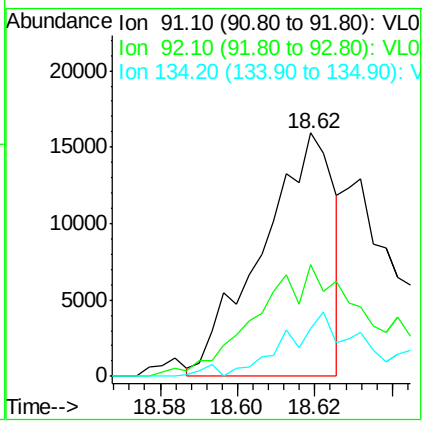


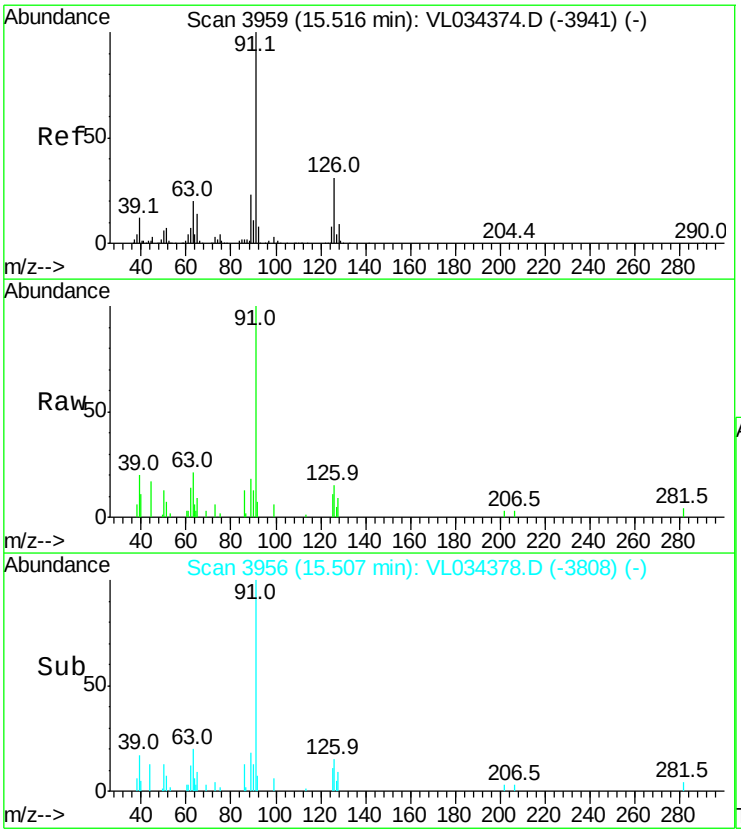
#70
n-Butylbenzene
Concen: 0.058 ppbv
RT: 18.62 min Scan# 4924
Delta R.T. -0.01 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 20696

Ion	Ratio	Lower	Upper
91	100		
92	78.3	44.5	66.7#
134	34.3	18.2	27.2#

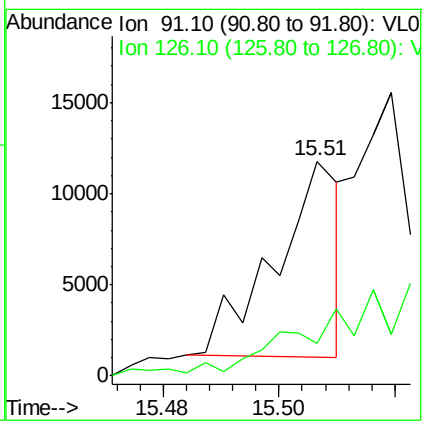


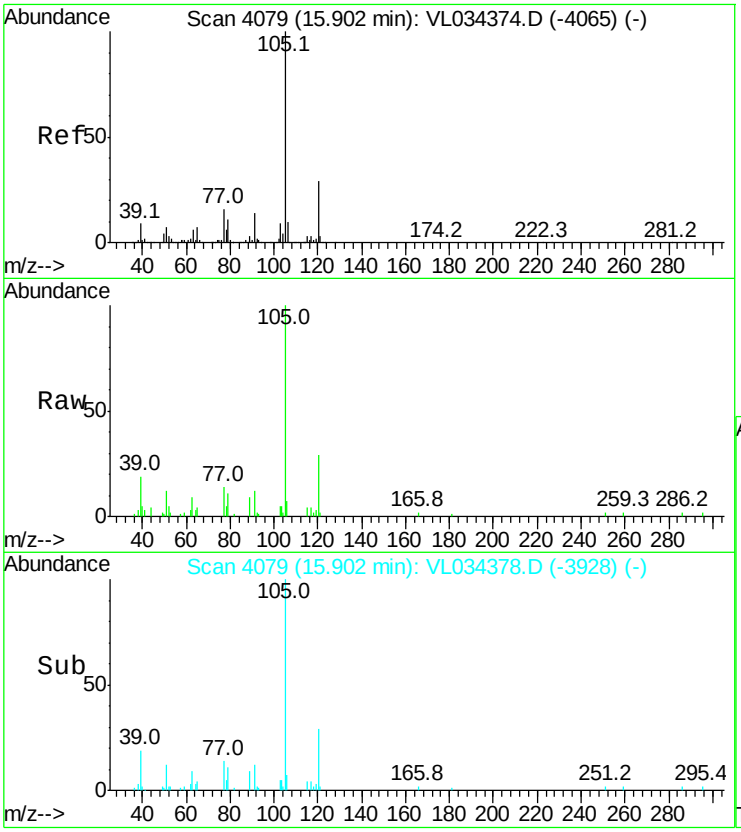


#71
2-Chlorotoluene
Concen: 0.033 ppbv
RT: 15.51 min Scan# 3956
Delta R.T. -0.03 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion: 91 Resp: 8278

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.9	47.5#



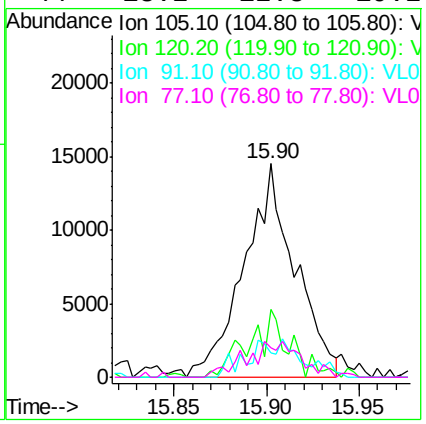


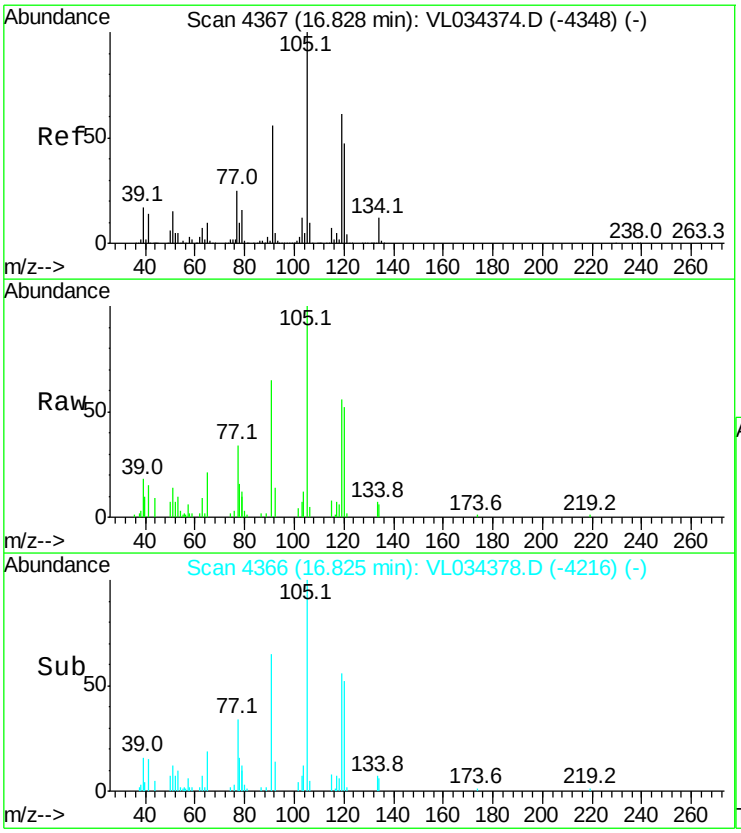
#72
4-Ethyltoluene
Concen: 0.101 ppbv
RT: 15.90 min Scan# 4079
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 27731

Ion	Ratio	Lower	Upper
105	100		
120	26.3	23.8	35.8
91	18.4	11.2	16.8#
77	18.2	12.8	19.2

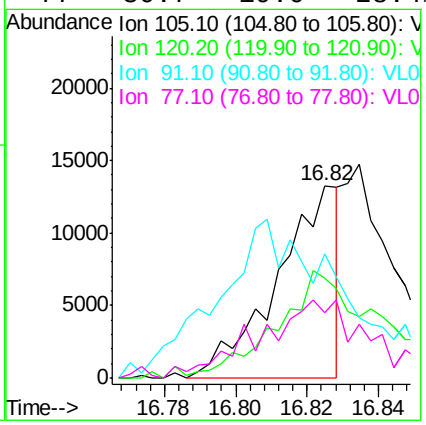


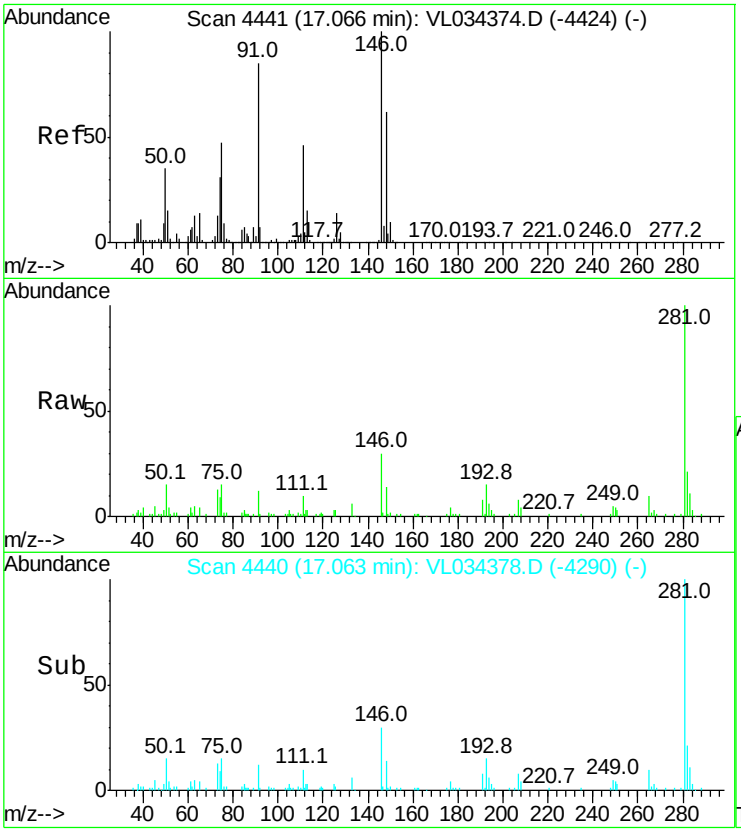


#74
1,2,4-Trimethylbenzene
Concen: 0.056 ppbv
RT: 16.82 min Scan# 4366
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:105 Resp: 15828

Ion	Ratio	Lower	Upper
105	100		
120	50.2	37.0	55.6
91	34.4	38.2	57.2#
77	30.7	19.0	28.4#



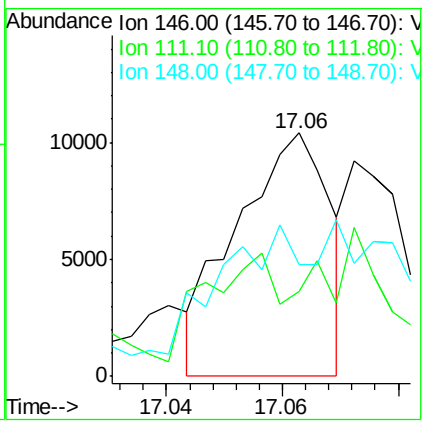


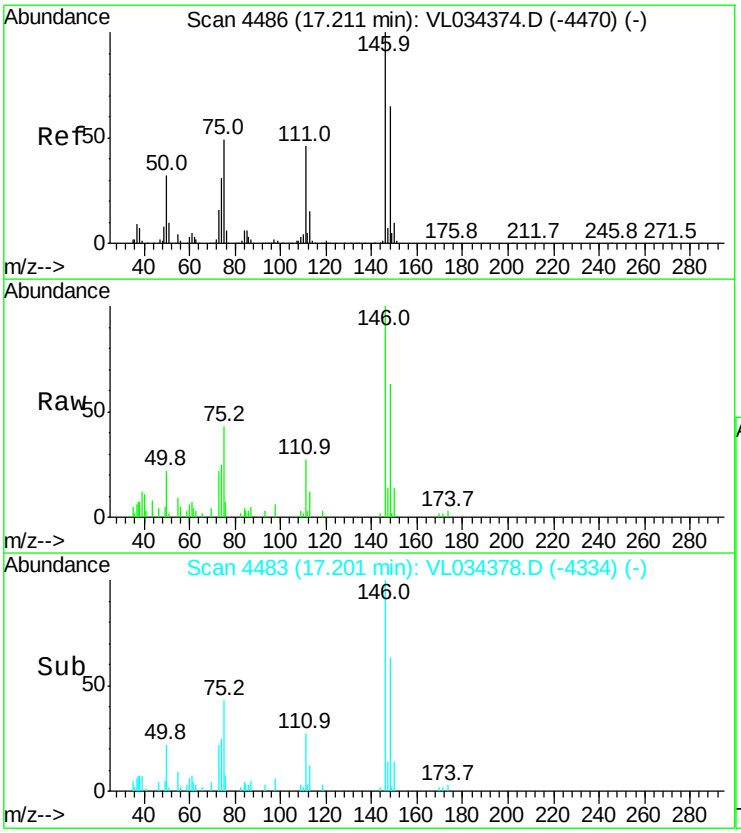
#75
1,3-Dichlorobenzene
Concen: 0.069 ppbv
RT: 17.06 min Scan# 4440
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 11641

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

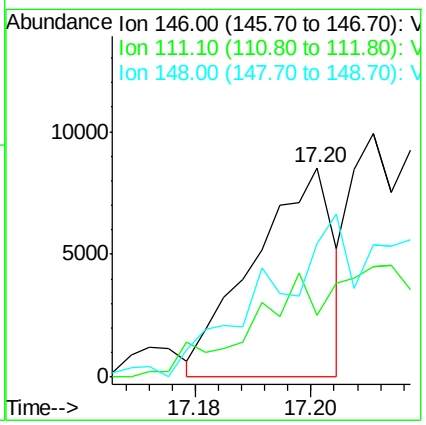


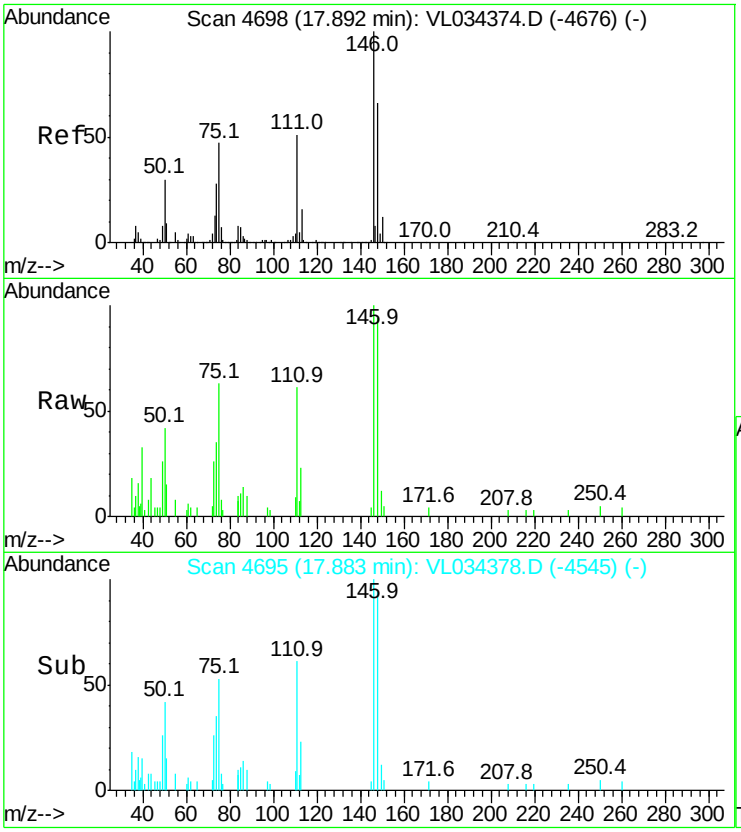


#76
1,4-Dichlorobenzene
Concen: 0.049 ppbv
RT: 17.20 min Scan# 4483
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:146 Resp: 8162

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.9	71.7#
148	187.5	33.1	99.2#



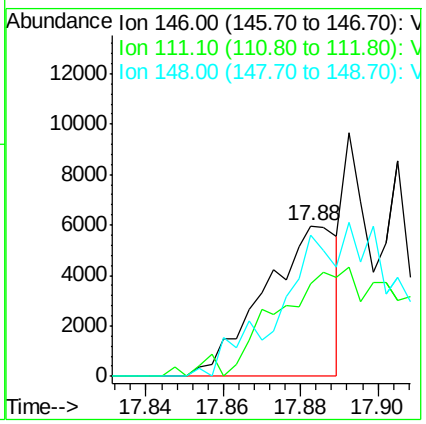


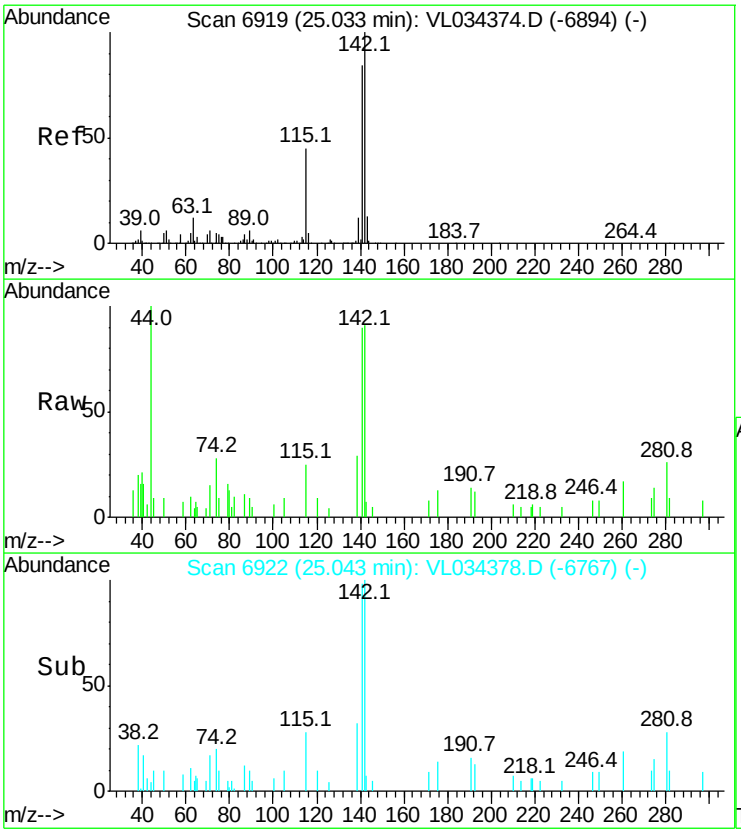
#77
1,2-Dichlorobenzene
Concen: 0.047 ppbv
RT: 17.88 min Scan# 4695
Delta R.T. -0.02 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 7776

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.1	75.3#
148	0.0	32.3	96.8#





#80
Naphthalene,2-methyl-
Concen: 0.135 ppbv
RT: 25.04 min Scan# 6922
Delta R.T. -0.00 min
Lab File: VL034378.D
Acq: 19 Nov 2019 12:23

Tgt Ion:142 Resp: 8077

Ion	Ratio	Lower	Upper
142	100		
141	106.6	65.7	98.5#
115	46.3	30.9	46.3