Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

Quantitation Report (Not Reviewed)

Data File : VL034779.D
Acq On : 4 Mar 2020 3:19
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Mar 04 05:59:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 05:54:58 2020
QLast Update : Wed Mar 04 05:54:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1067405	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	2240610	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.14	117	2179161	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	1875021	10.49	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	112450	0.668	ppbv		99
3) Chlorodifluoromethane	2.96	51	68911	0.596	ppbv		97
4) Chloromethane	3.12	50	35441	0.553	ppbv		90
5) Vinyl Chloride	3.23	62	32945	0.523	ppbv		97
6) Bromomethane	3.46	94	20223	0.548	ppbv		86
7) Chloroethane	3.54	64	10981	0.471	ppbv		98
8) Dichlorotetrafluoroethane	3.16	85	87993	0.592	ppbv		99
9) Propene	2.99	41	25333	0.527	ppbv		97
10) Heptane	8.15	43	54574	0.440	ppbv		95
11) Trichlorofluoromethane	3.94	101	87148	0.591	ppbv		89
12) 1,1,2-Trichlorotrifluoroet	4.48	101	60859	0.587	ppbv		97
13) Ethanol	3.60	45	4055	0.268	ppbv	#	38
14) Bromoethene	3.73	108	22367	0.515	ppbv		83
15) Acetone	3.85	43	76838	0.631	ppbv		99
16) 1,3-Butadiene	3.31	39	29740	0.526	ppbv		98
18) 1,1-Dichloroethene	4.29	96	26070	0.560	ppbv		78
19) Isopropyl Alcohol	3.98	45	42997	0.592	ppbv	#	91
20) Methylene Chloride	4.34	84	27125	0.601	ppbv	#	88
21) Allyl Chloride	4.41	41	41719	0.523	ppbv		93
22) trans-1,2-Dichloroethene	4.89	96	24828	0.552	ppbv		87
23) Vinyl Acetate	5.09	43	78781	0.476	ppbv	#	97
24) 1,1-Dichloroethane	5.02	63	74494	0.565	ppbv		99
25) Ethyl Acetate	5.70	43	114328	0.530	ppbv		99
26) Hexane	5.69	57	48127	0.485	ppbv		88
27) Carbon Disulfide	4.55	76	53988	0.485	ppbv	#	81
28) Methyl tert-Butyl Ether	5.05	73	72619	0.514	ppbv		98
29) Chloroform	5.76	83	90406	0.572	ppbv		86
30) Cyclohexane	7.16	84	29942	0.389	ppbv		90
31) cis-1,2-Dichloroethene	5.56	61	49626	0.508	ppbv	#	89
32) 1,1,1-Trichloroethane	6.53	97	79798	0.538	ppbv		96
34) 2-Butanone	5.26	43	69882	0.494	ppbv		100
35) Carbon Tetrachloride	7.04	117	81448	0.542	ppbv	#	85
36) Benzene	6.92	78	95236	0.493	ppbv	#	89
37) 1,2-Dichloroethane	6.33	62	71944	0.586	ppbv		98
38) Trichloroethene	7.86	130	34370	0.461	ppbv		87
39) 1,2-Dichloropropane	7.64	63	22908	0.299	ppbv		91
41) Tetrahydrofuran	6.07	42	2403	0.032	ppbv	#	36
42) Bromodichloromethane	7.82	83	59638	0.371	ppbv		99
43) Methyl Methacrylate	8.05	69	34643	0.427	ppbv		95
44) 2,2,4-Trimethylpentane	7.90	57	86696	0.257	ppbv	#	44
45) t-1,3-Dichloropropene	9.32	75	30500	0.346	ppbv		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

Quantitation Report (Not Reviewed)

Data File : VL034779.D
Acq On : 4 Mar 2020 3:19
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Mar 04 05:59:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 05:54:58 2020
QLast Update : Wed Mar 04 05:54:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.74	75	28699	0.271 ppbv	#	73
47) 1,1,2-Trichloroethane	9.52	97	28880	0.365 ppbv		98
48) Dibromochloromethane	10.35	129	55931	0.453 ppbv		97
49) Bromoform	13.09	173	16934	0.158 ppbv	#	1
50) 4-Methyl-2-Pentanone	8.79	43	94260	0.470 ppbv		96
52) Tetrachloroethene	11.26	164	9818	0.138 ppbv		84
53) Toluene	9.84	91	80570	0.392 ppbv		98
54) 1,2-Dibromoethane	10.65	107	19910	0.169 ppbv		86
56) 1,1,1,2-Tetrachloroethane	12.17	131	23248	0.248 ppbv	#	1
57) Chlorobenzene	12.19	112	92703	0.575 ppbv	#	95
58) Ethyl Benzene	12.76	91	119815	0.452 ppbv	#	75
59) m/p-Xylene	13.05	91	131993	0.574 ppbv	#	60
60) o-Xylene	13.75	91	58782	0.256 ppbv	#	50
61) Styrene	13.59	104	27384	0.187 ppbv	#	20
62) Isopropylbenzene	14.73	105	173283	0.518 ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.73	83	40428	0.226 ppbv	#	3
64) n-propylbenzene	15.61	120	12395	0.144 ppbv	#	1
65) tert-Butylbenzene	16.81	119	133451	0.461 ppbv		89
66) Benzyl Chloride	17.06	91	22146	0.211 ppbv	#	72
67) sec-Butylbenzene	17.36	105	197778	0.474 ppbv		98
69) p-Isopropyltoluene	17.72	119	147776	0.430 ppbv		98
70) n-Butylbenzene	18.62	91	170876	0.456 ppbv		98
71) 2-Chlorotoluene	15.52	91	116294	0.448 ppbv		97
72) 4-Ethyltoluene	15.90	105	78574	0.307 ppbv	#	74
73) 1,3,5-Trimethylbenzene	16.06	105	116407	0.473 ppbv		90
74) 1,2,4-Trimethylbenzene	16.82	105	69420	0.255 ppbv	#	89
75) 1,3-Dichlorobenzene	17.07	146	12576	0.080 ppbv	#	23
76) 1,4-Dichlorobenzene	17.20	146	75487	0.481 ppbv		89
77) 1,2-Dichlorobenzene	17.88	146	39824	0.262 ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.44	225	28454	0.218 ppbv	#	18
79) Naphthalene	22.29	128	21603	0.090 ppbv	#	89
80) Naphthalene,2-methyl-	25.03	142	13428	0.181 ppbv		97
81) 1,2,4-Trichlorobenzene	22.00	180	10773	0.075 ppbv	#	12

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

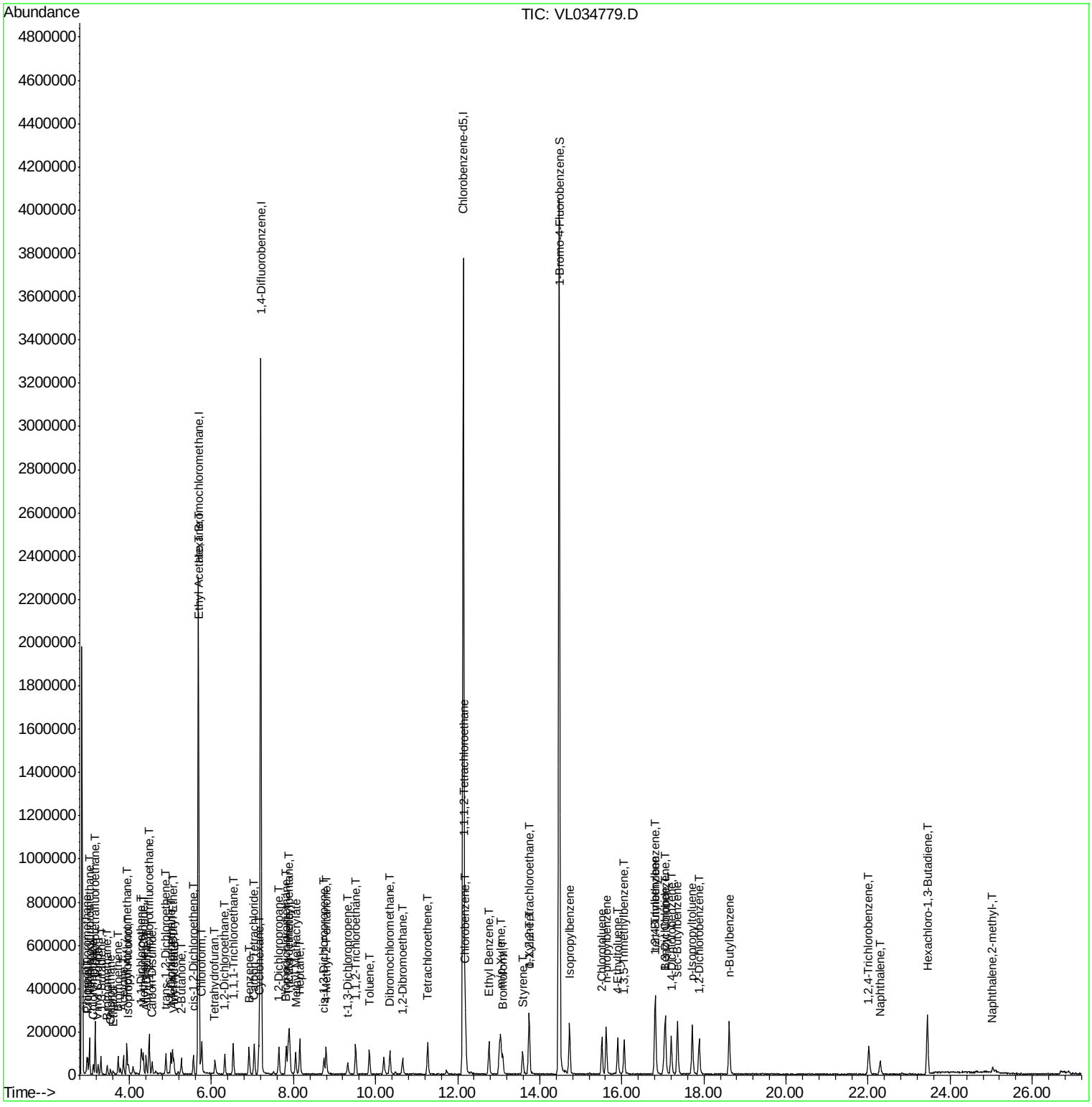
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

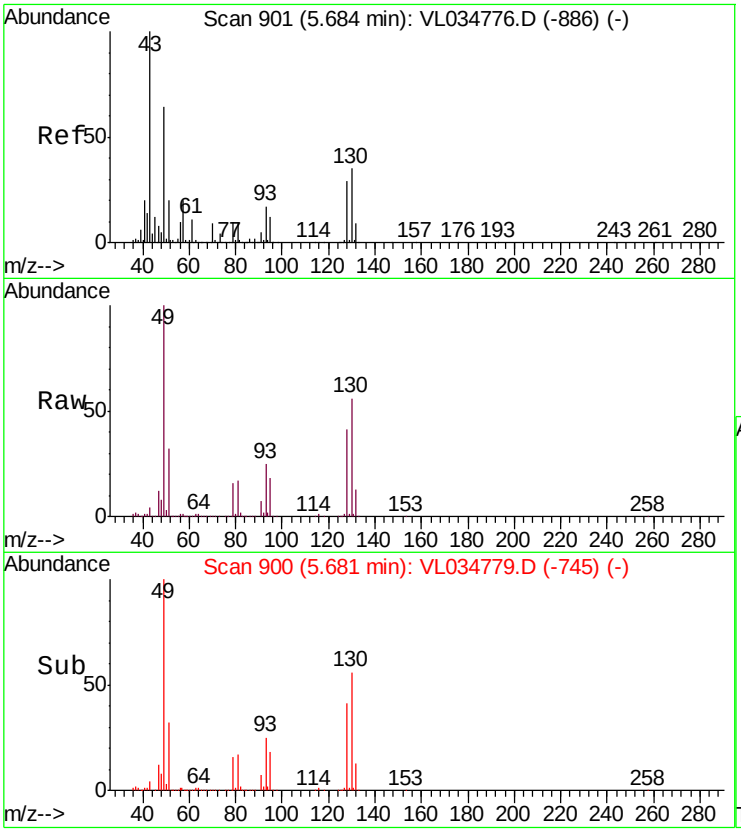
Quantitation Report (Not Reviewed)

Data File : VL034779.D
Acq On : 4 Mar 2020 3:19
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Mar 04 05:59:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 05:54:58 2020
QLast Update : Wed Mar 04 05:54:58 2020
Response via : Initial Calibration



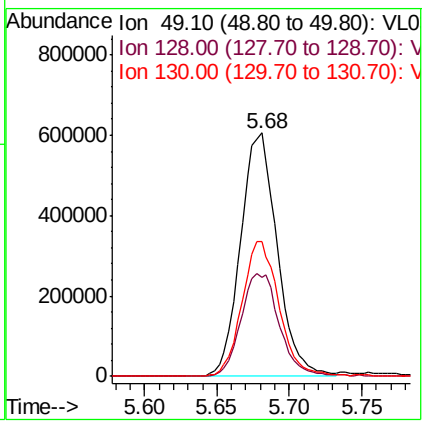


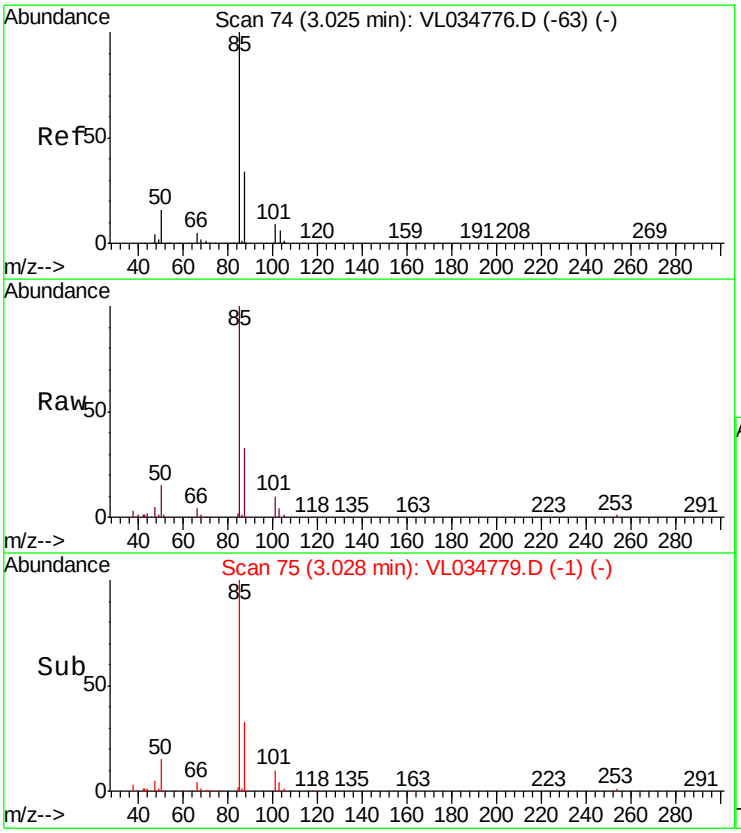
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1067405

Ion	Ratio	Lower	Upper
49	100		
128	44.7	21.6	64.6
130	56.5	27.4	82.2

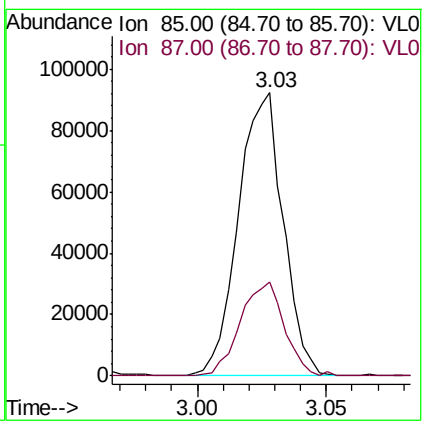


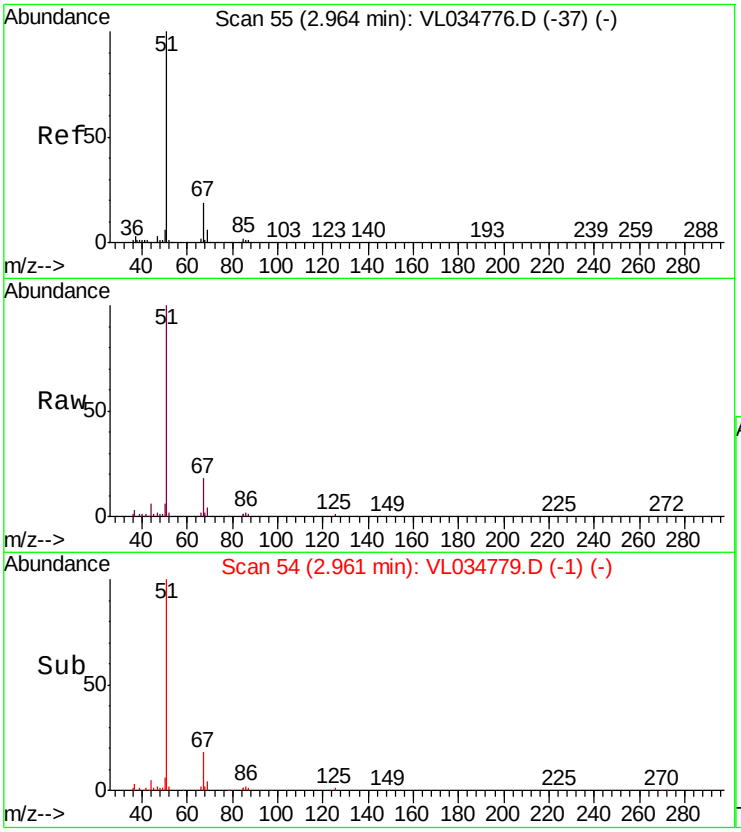


#2
Dichlorodifluoromethane
Concen: 0.668 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 85 Resp: 112450

Ion	Ratio	Lower	Upper
85	100		
87	33.5	27.2	40.8



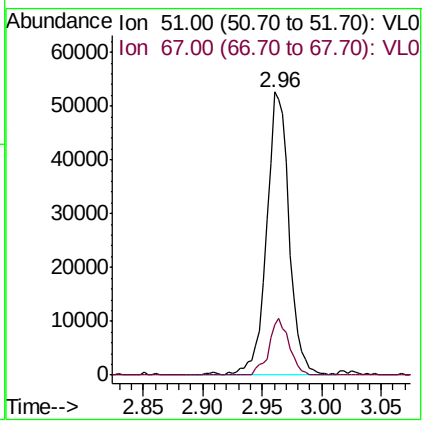


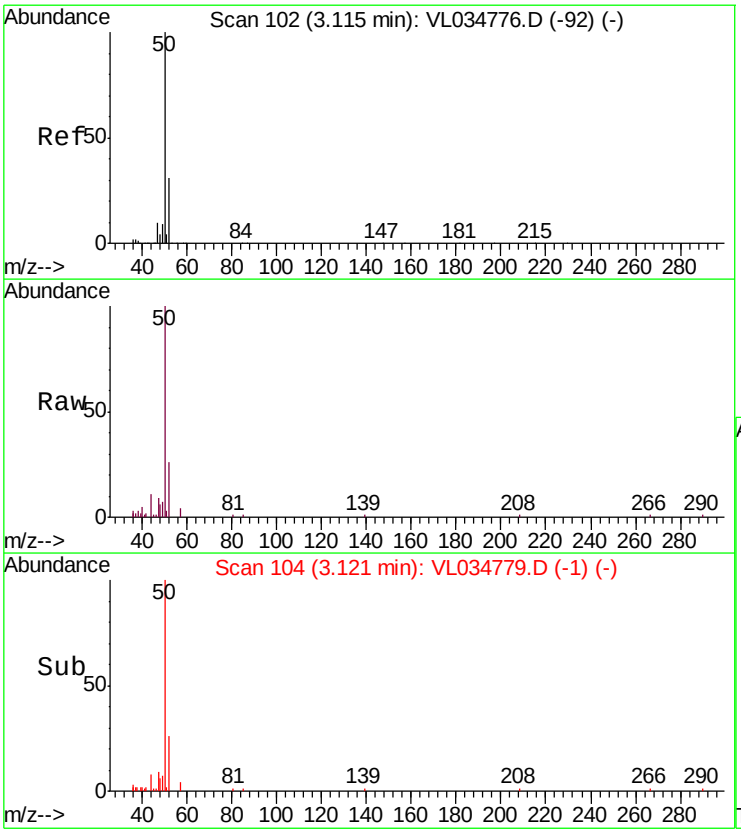
#3
Chlorodifluoromethane
Concen: 0.596 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 68911

Ion	Ratio	Lower	Upper
51	100		
67	17.8	15.3	22.9

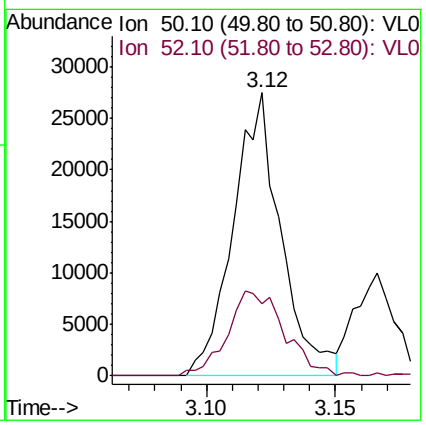


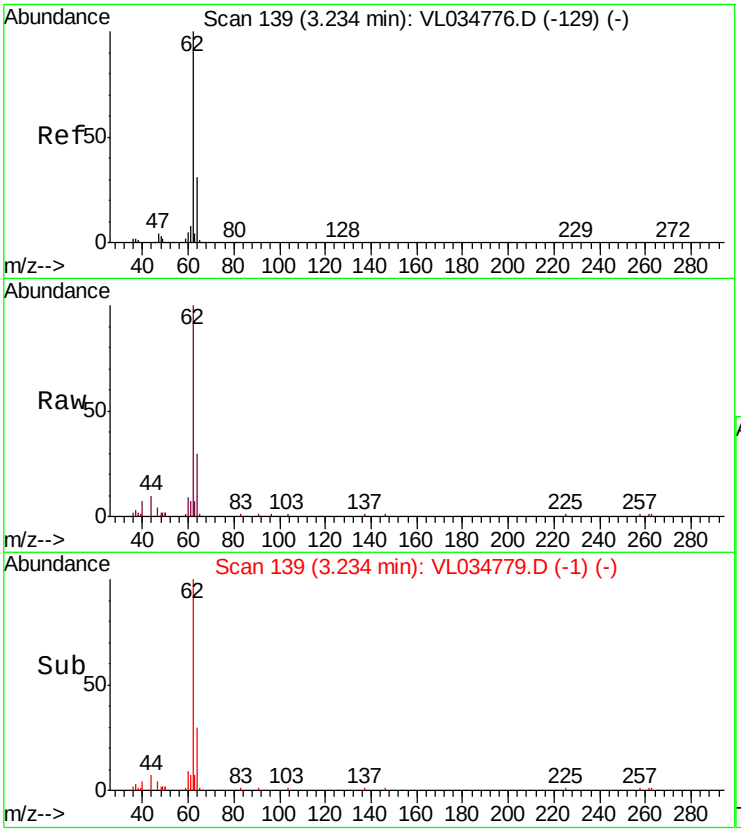


#4
Chloromethane
Concen: 0.553 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 50 Resp: 35441

Ion	Ratio	Lower	Upper
50	100		
52	25.5	25.0	37.4



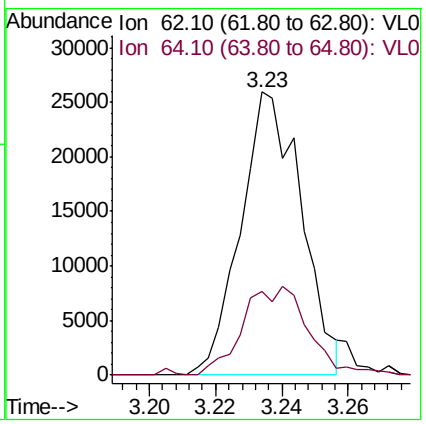


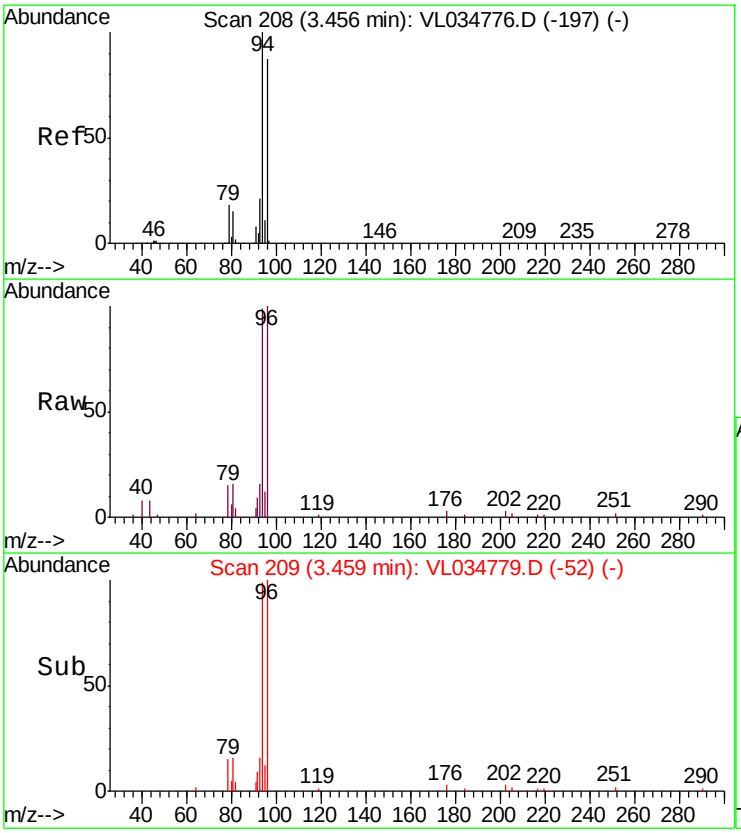
#5
Vinyl Chloride
Concen: 0.523 ppbv
RT: 3.23 min Scan# 139
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 32945

Ion	Ratio	Lower	Upper
62	100		
64	29.7	25.1	37.7

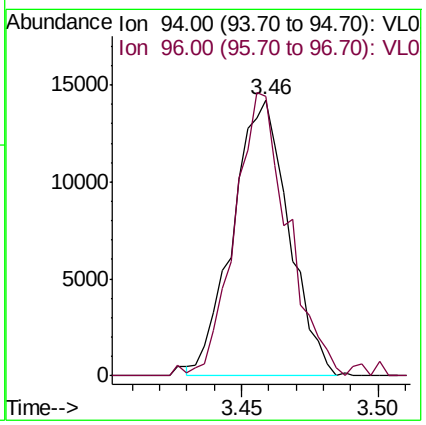


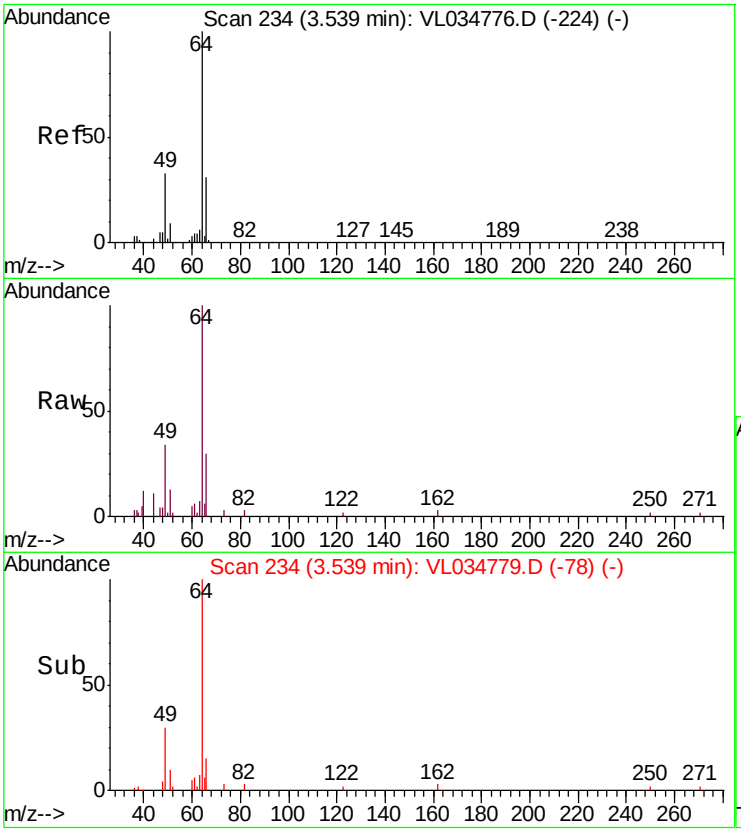


#6
Bromomethane
Concen: 0.548 ppbv
RT: 3.46 min Scan# 209
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 94 Resp: 20223

Ion	Ratio	Lower	Upper
94	100		
96	100.1	70.0	105.0



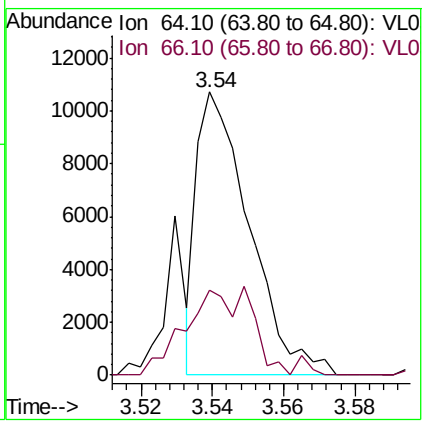


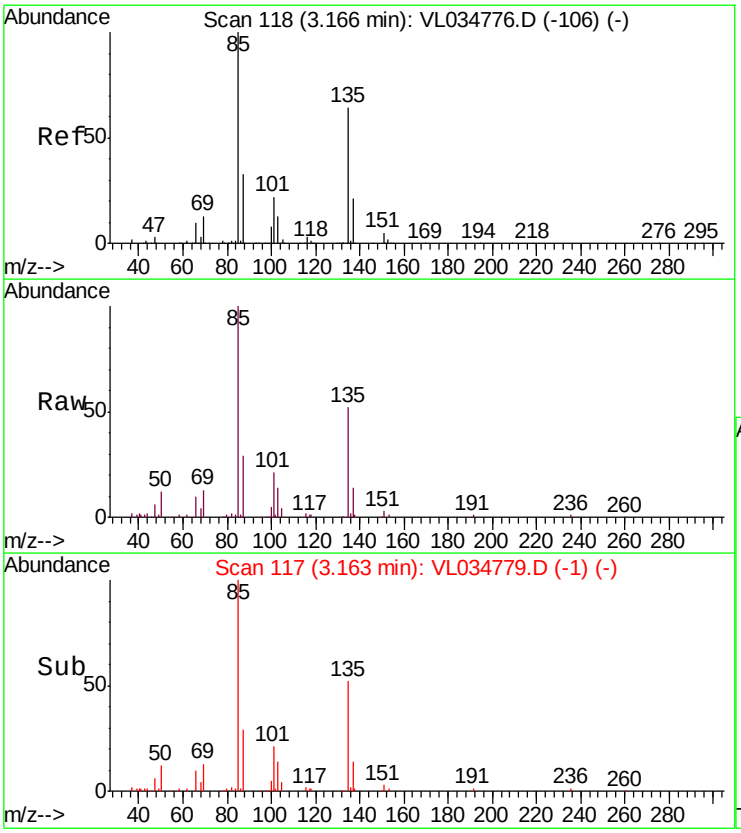
#7
Chloroethane
Concen: 0.471 ppbv
RT: 3.54 min Scan# 234
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 10981

Ion	Ratio	Lower	Upper
64	100		
66	30.2	24.8	37.2

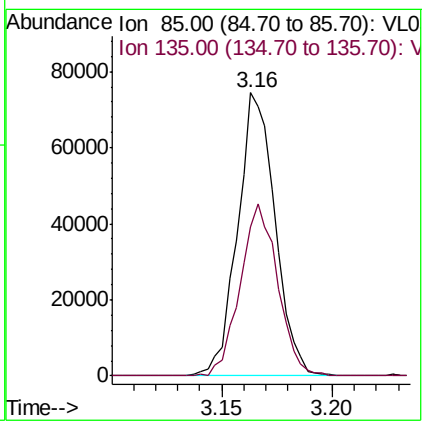


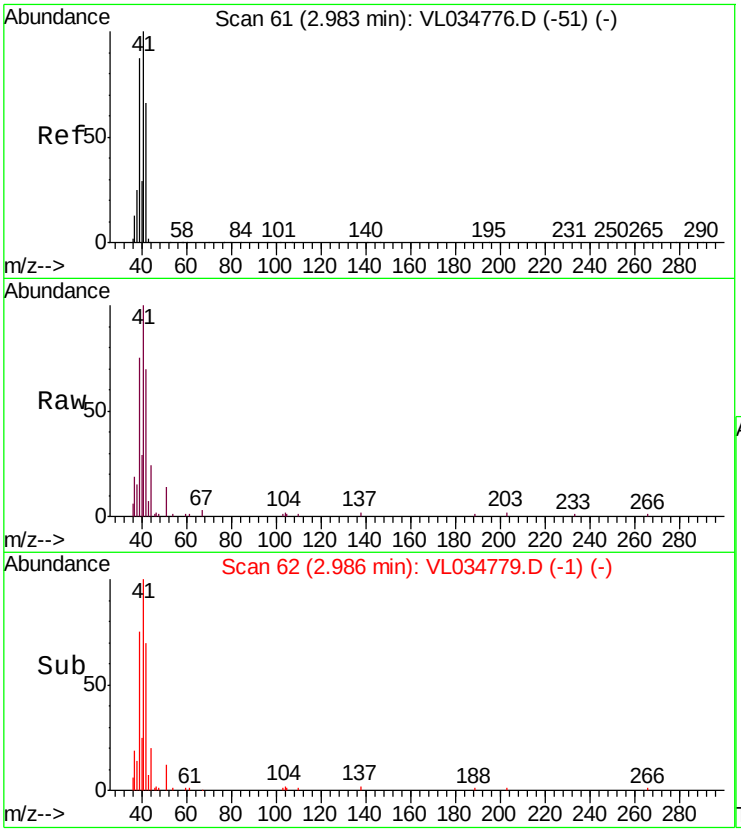


#8
Dichlorotetrafluoroethane
Concen: 0.592 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 85 Resp: 87993

Ion	Ratio	Lower	Upper
85	100		
135	60.7	49.4	74.2



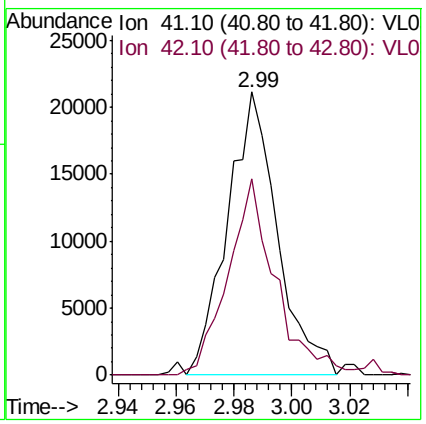


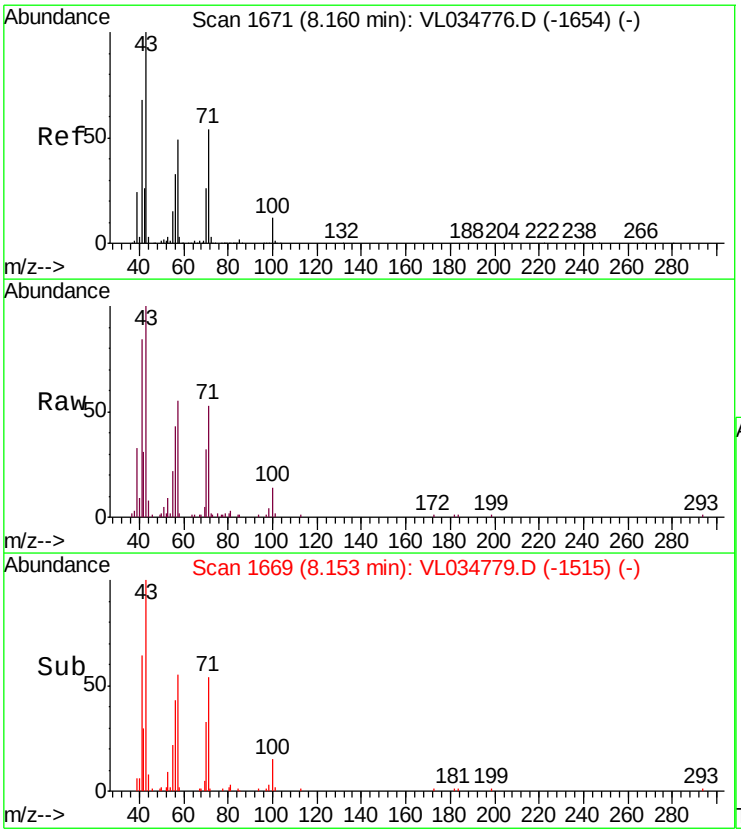
#9
Propene
Concen: 0.527 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 25333

Ion	Ratio	Lower	Upper
41	100		
42	67.3	55.6	83.4

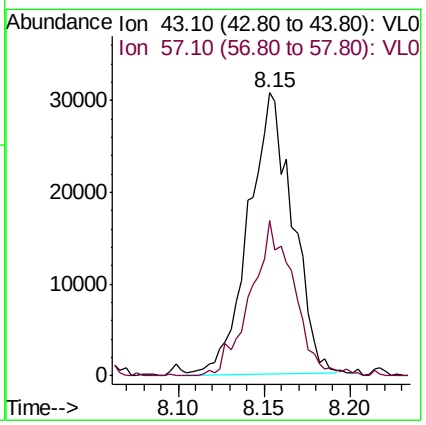


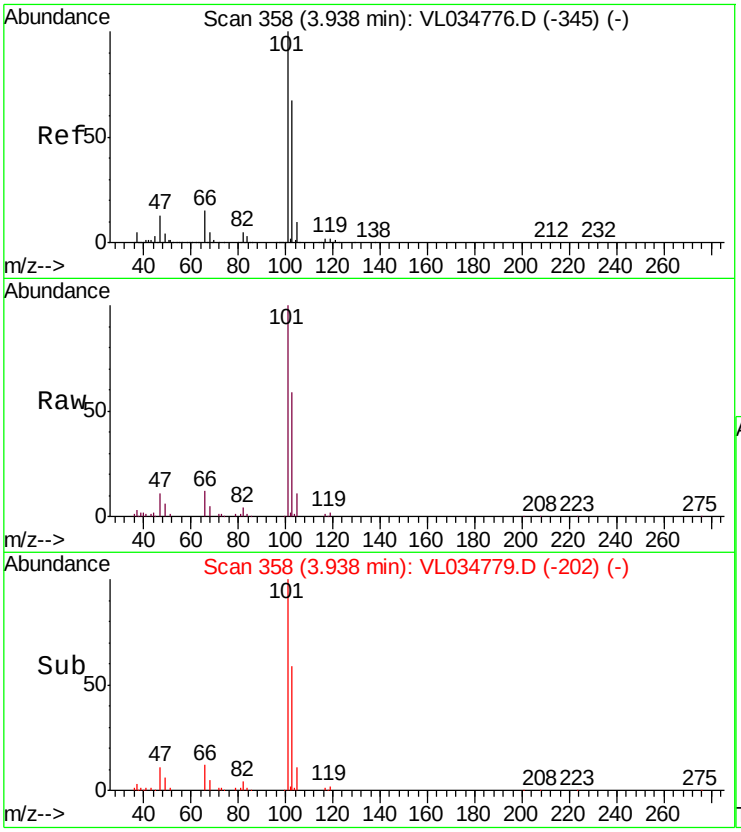


#10
Heptane
Concen: 0.440 ppbv
RT: 8.15 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 43 Resp: 54574

Ion	Ratio	Lower	Upper
43	100		
57	54.2	40.5	60.7



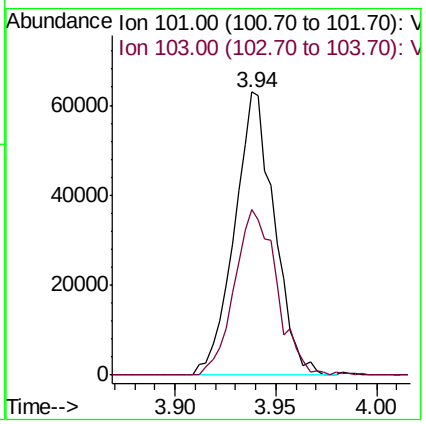


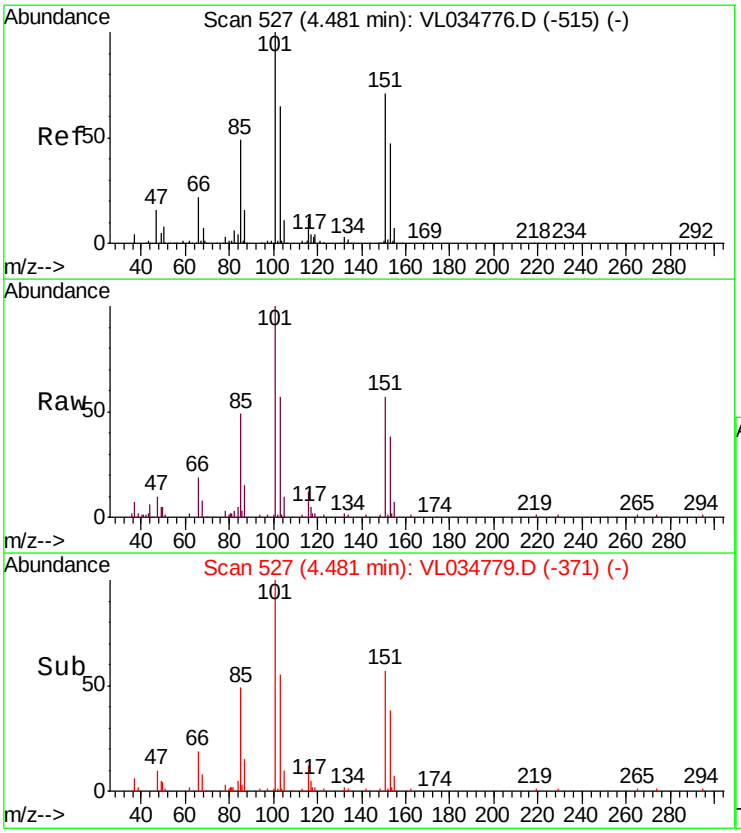
#11
Trichlorofluoromethane
Concen: 0.591 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 87148

Ion	Ratio	Lower	Upper
101	100		
103	58.5	53.6	80.4

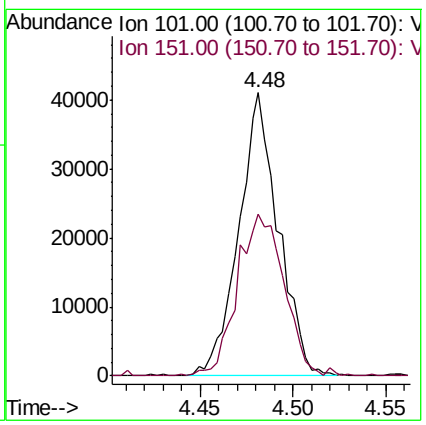


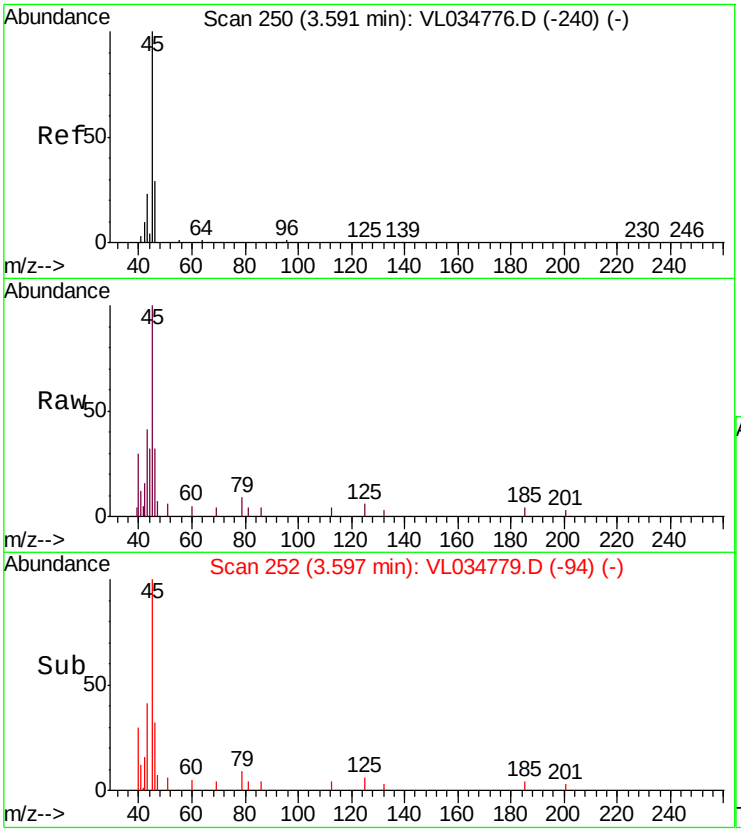


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.587 ppbv
RT: 4.48 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:101 Resp: 60859

Ion	Ratio	Lower	Upper
101	100		
151	68.3	56.6	85.0



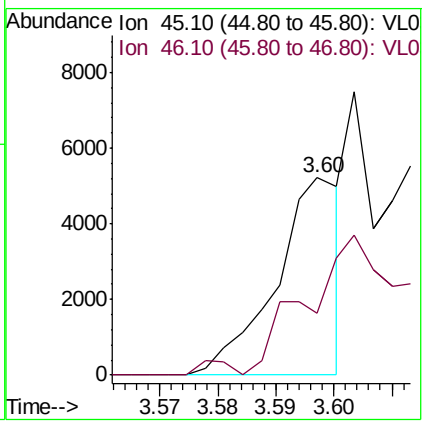


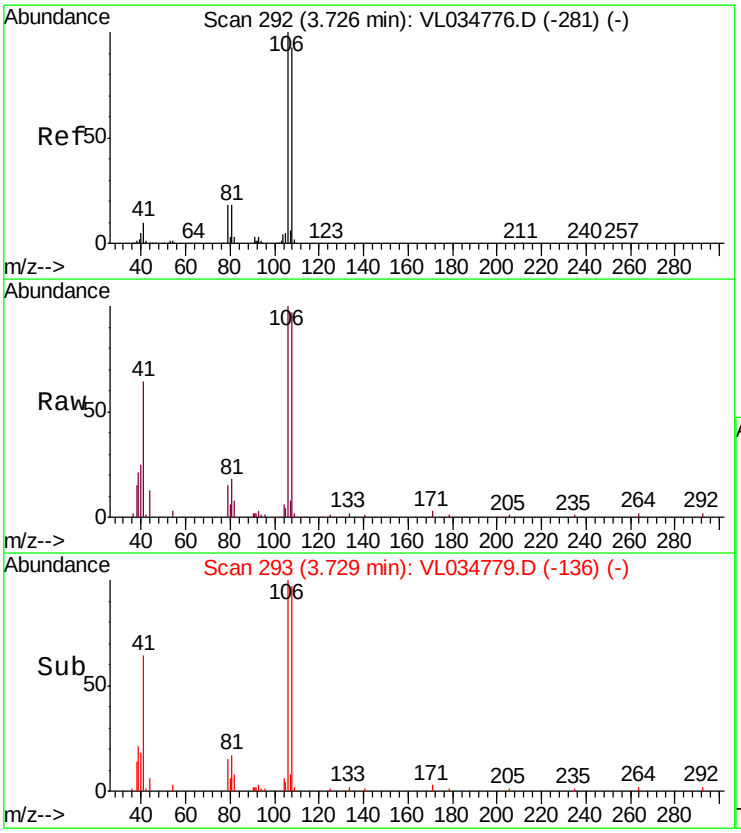
#13
Ethanol
Concen: 0.268 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 45 Resp: 4055

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.7	58.9#

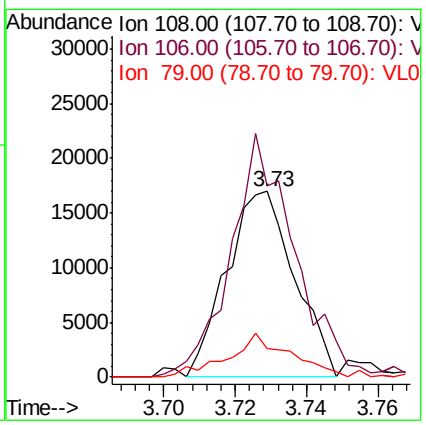


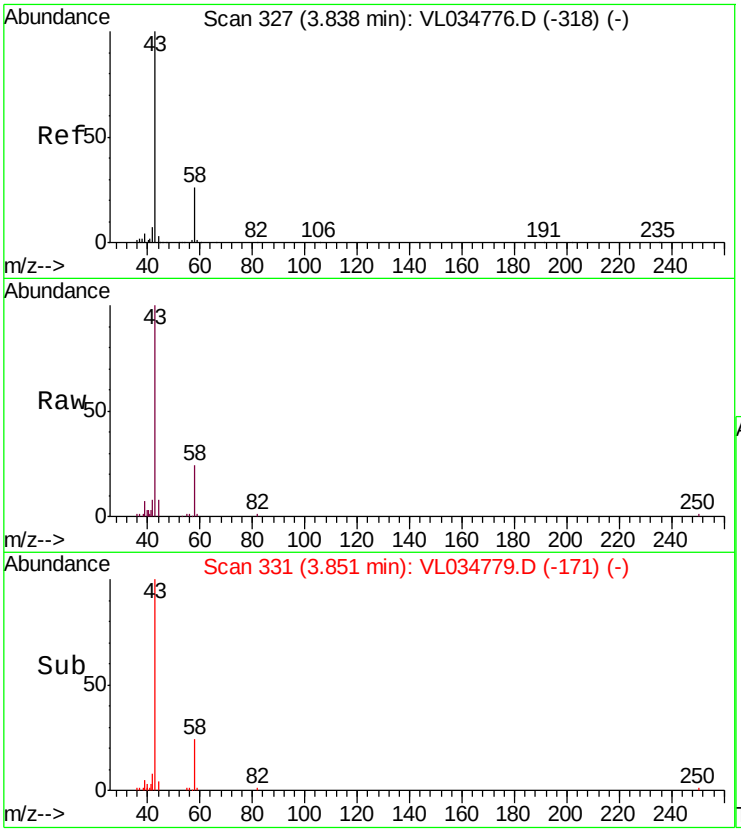


#14
Bromoethene
Concen: 0.515 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:108 Resp: 22367

Ion	Ratio	Lower	Upper
108	100		
106	123.9	83.5	125.3
79	22.4	15.6	23.4



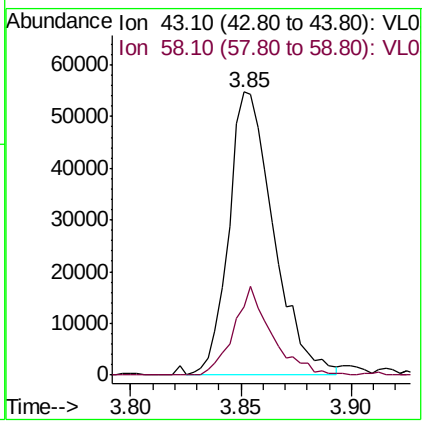


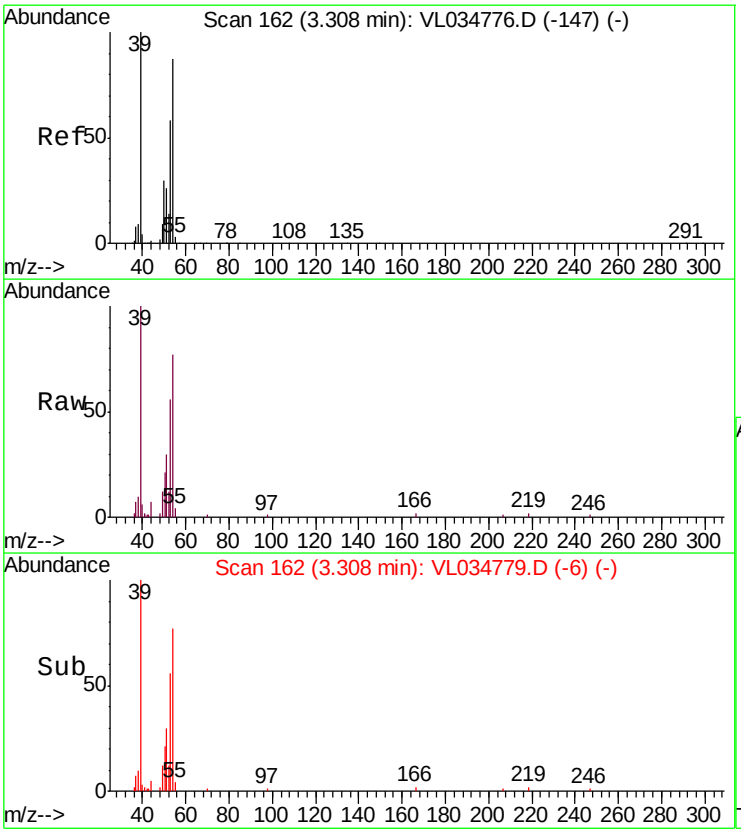
#15
Acetone
Concen: 0.631 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 76838

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.0	31.6

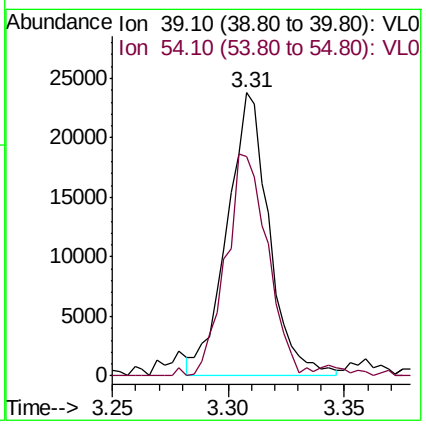


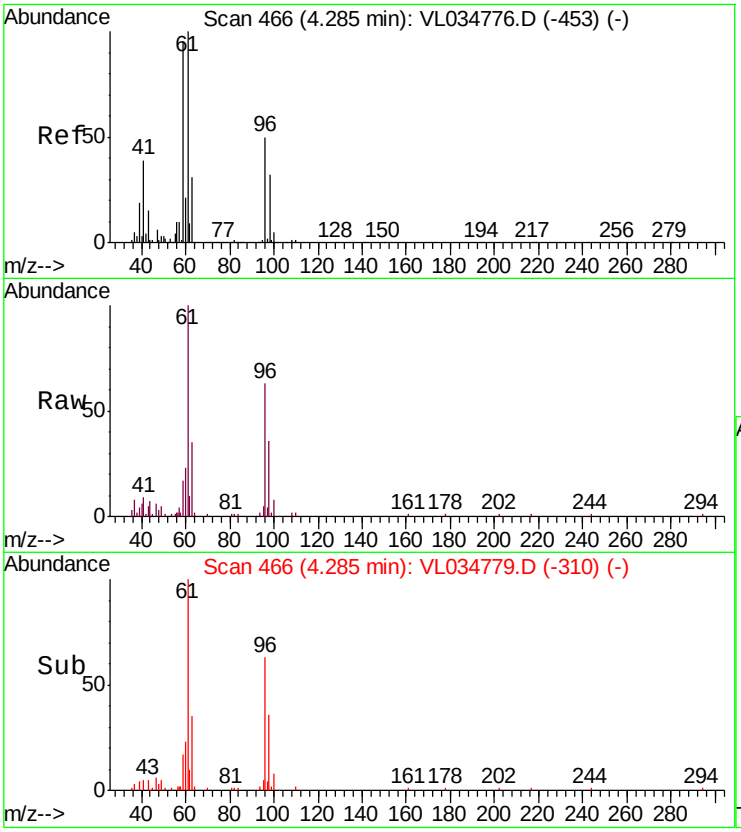


#16
1,3-Butadiene
Concen: 0.526 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 39 Resp: 29740

Ion	Ratio	Lower	Upper
39	100		
54	82.2	64.2	96.2



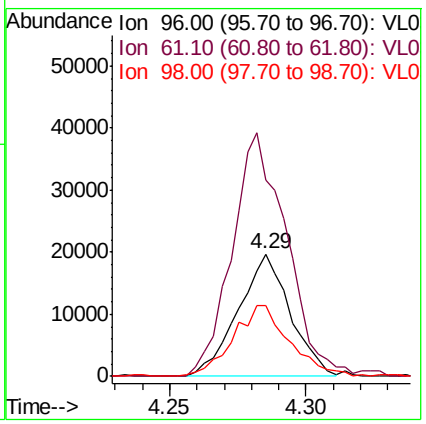


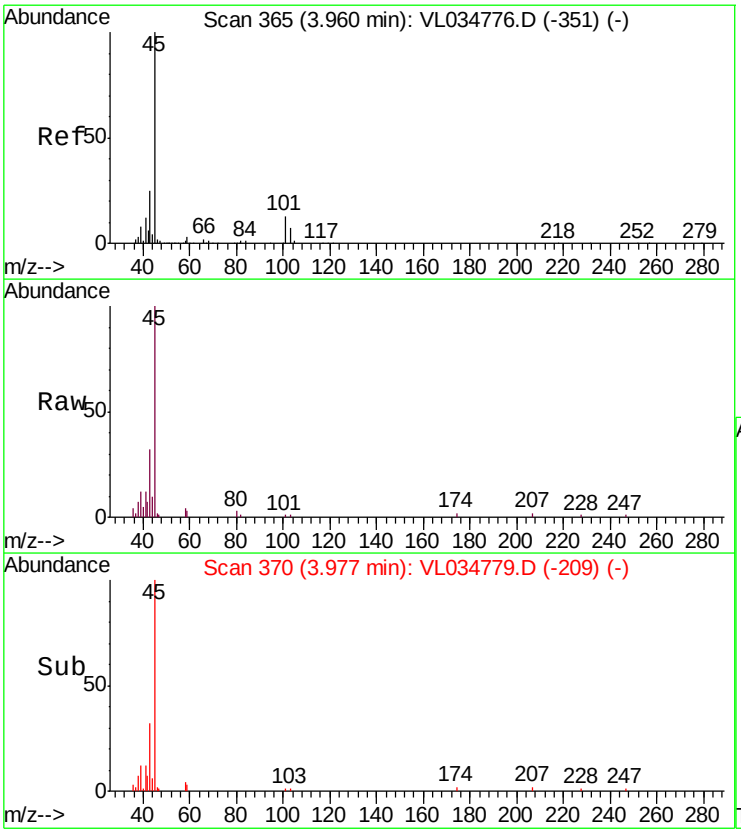
#18
1,1-Dichloroethene
Concen: 0.560 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 26070

Ion	Ratio	Lower	Upper
96	100		
61	159.9	159.5	239.3
98	56.7	51.1	76.7

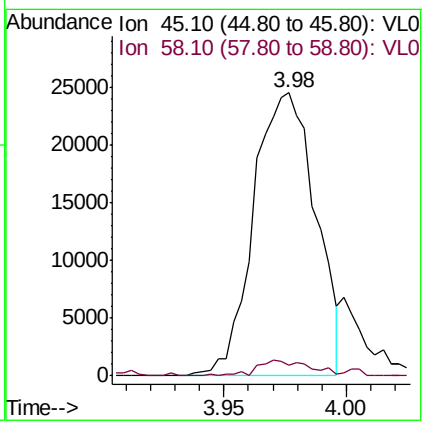


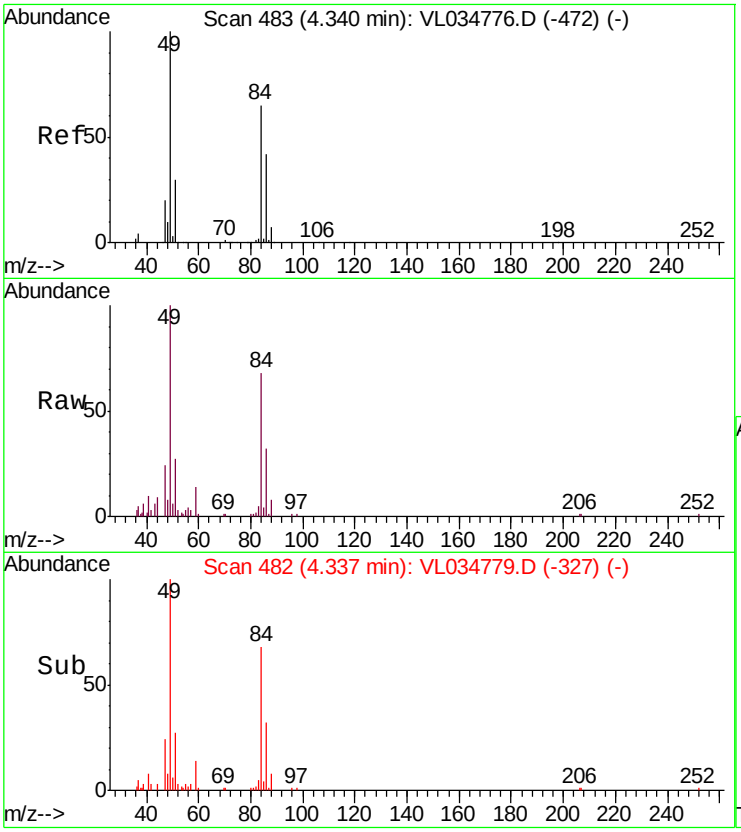


#19
Isopropyl Alcohol
Concen: 0.592 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 45 Resp: 42997

Ion	Ratio	Lower	Upper
45	100		
58	5.5	1.8	2.8#



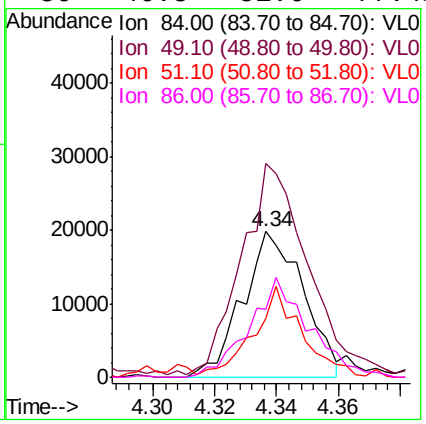


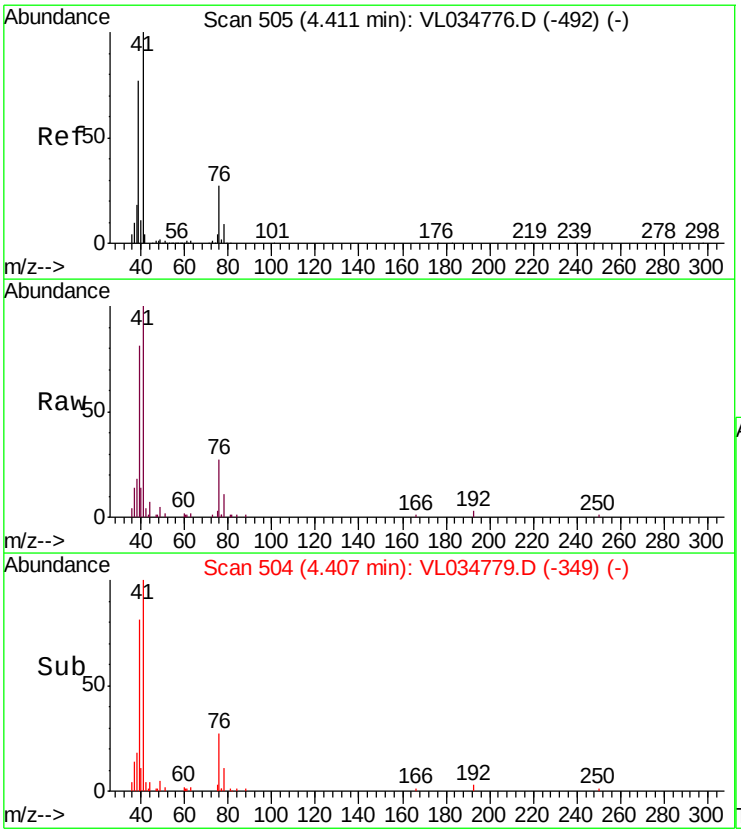
#20
Methylene Chloride
Concen: 0.601 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 84 Resp: 27125

Ion	Ratio	Lower	Upper
84	100		
49	144.3	123.2	184.8
51	37.9	37.4	56.2
86	46.8	51.6	77.4#

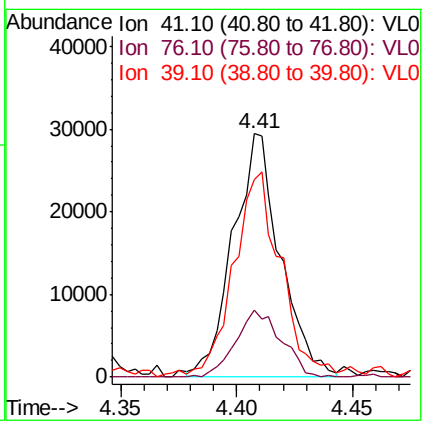


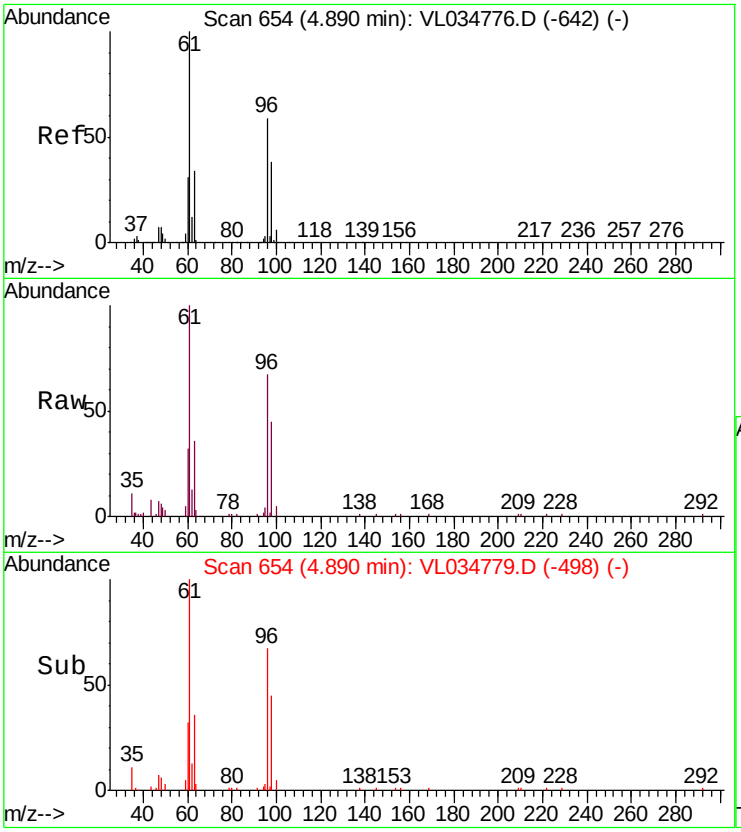


#21
Allyl Chloride
Concen: 0.523 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 41 Resp: 41719

Ion	Ratio	Lower	Upper
41	100		
76	26.5	22.5	33.7
39	88.2	65.0	97.6



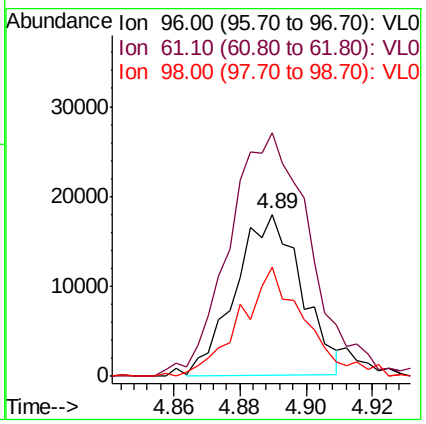


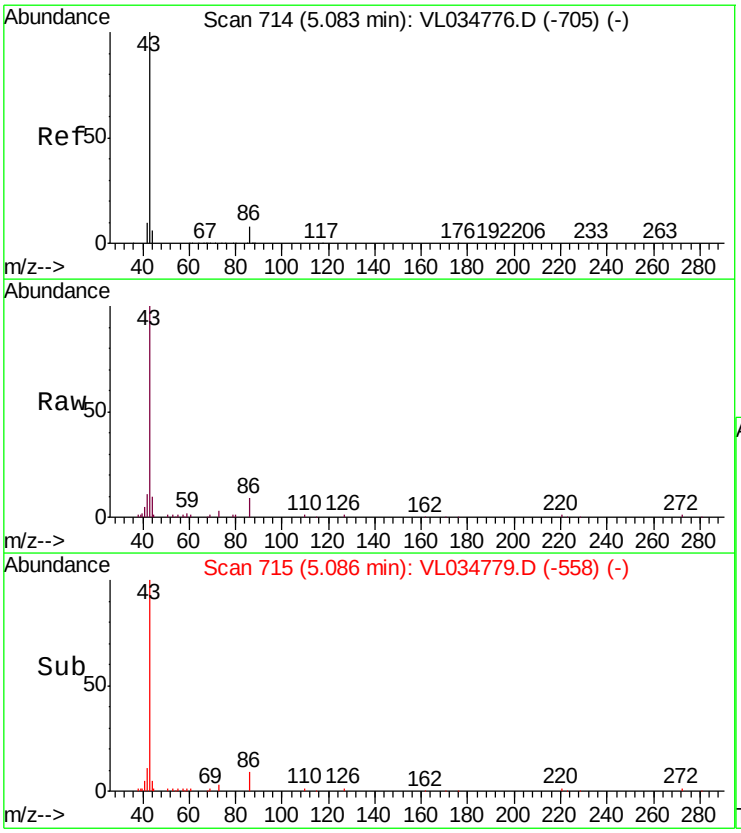
#22
trans-1,2-Dichloroethene
Concen: 0.552 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 24828

Ion	Ratio	Lower	Upper
96	100		
61	146.4	135.2	202.8
98	65.9	50.8	76.2

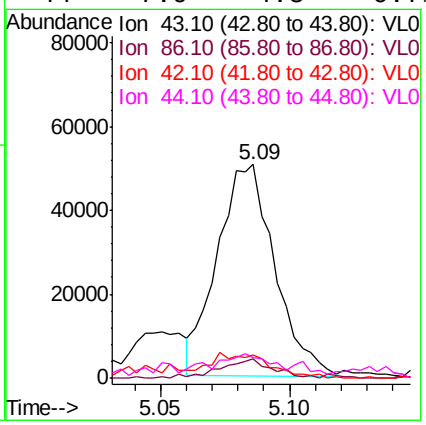


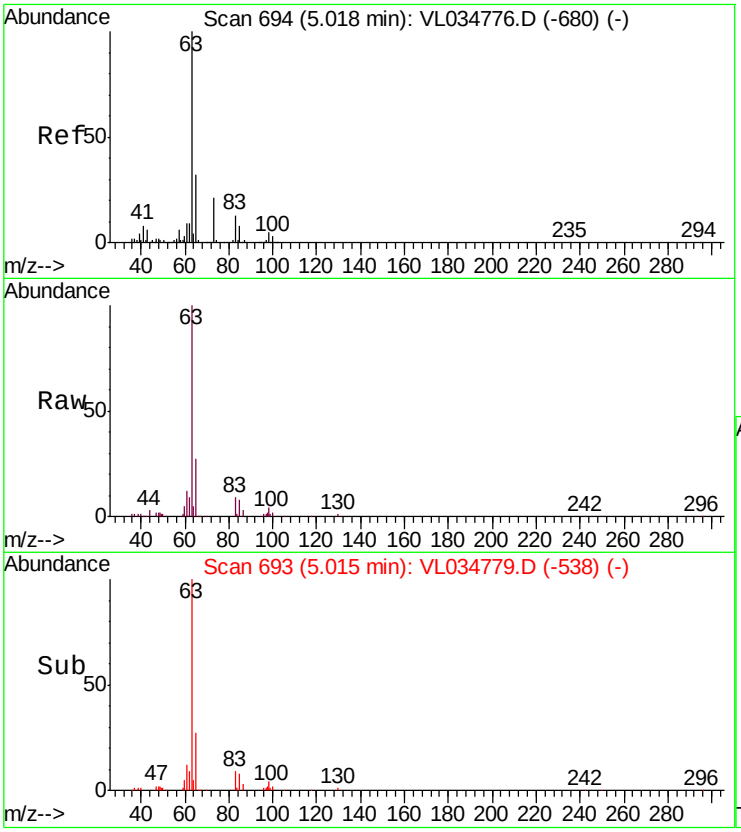


#23
Vinyl Acetate
Concen: 0.476 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 43 Resp: 78781

Ion	Ratio	Lower	Upper
43	100		
86	8.7	5.9	8.9
42	10.1	8.2	12.2
44	7.9	4.5	6.7#



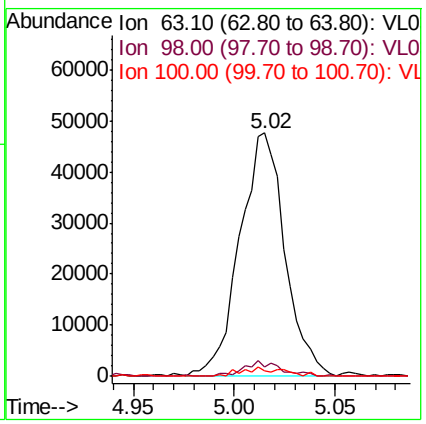


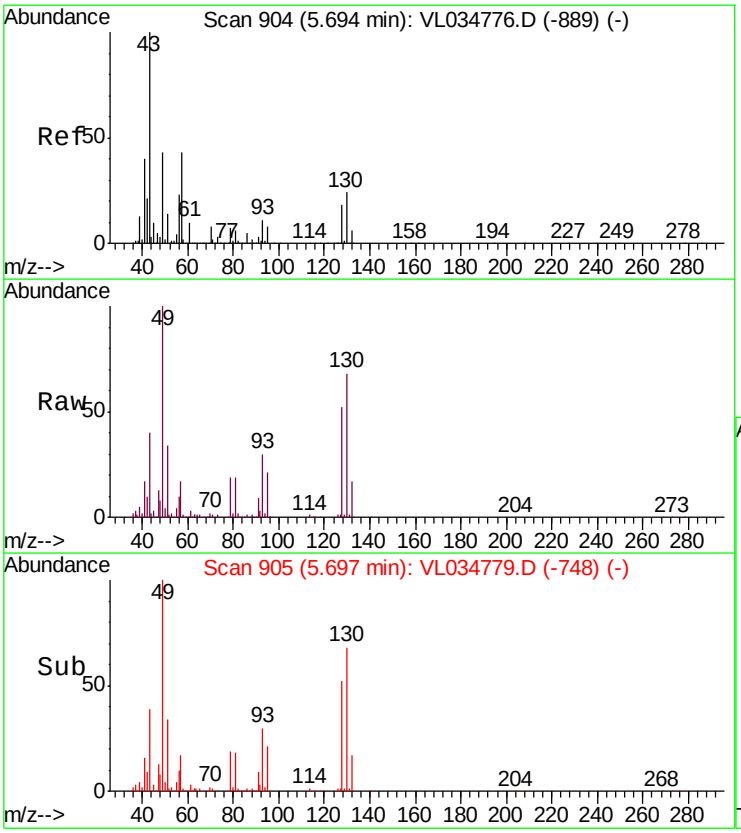
#24
1,1-Dichloroethane
Concen: 0.565 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 74494

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.2	1.5	4.4

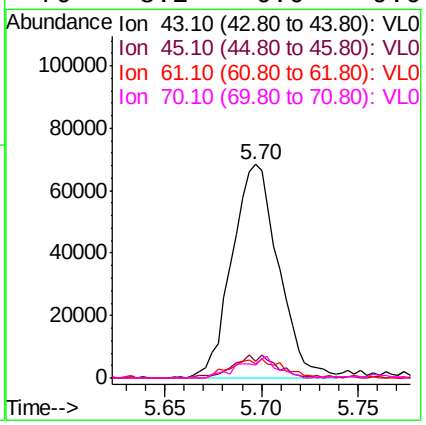


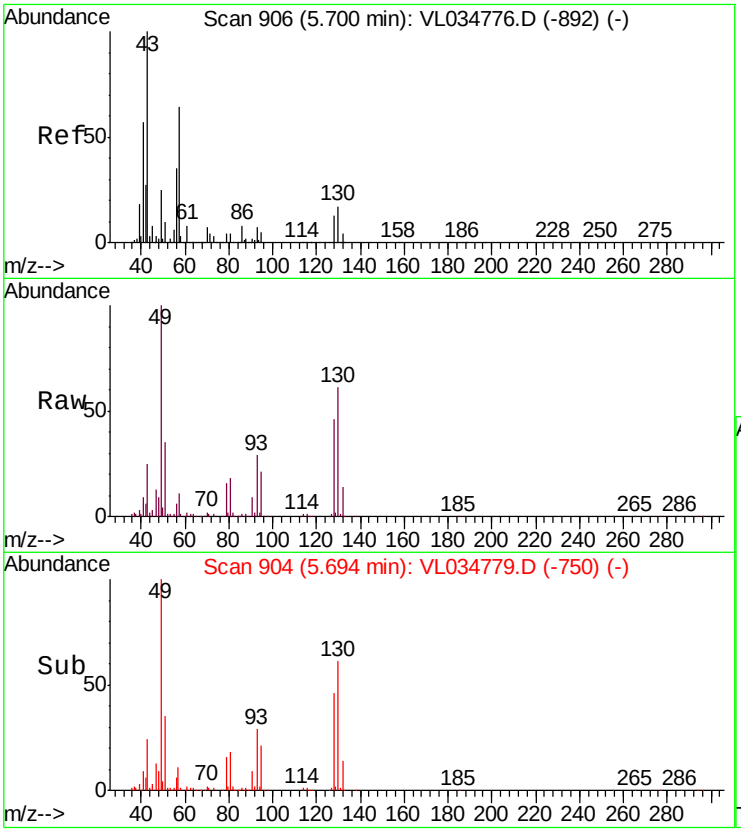


#25
Ethyl Acetate
Concen: 0.530 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 43 Resp: 114328

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.2	7.5	11.3
70	8.2	6.0	9.0



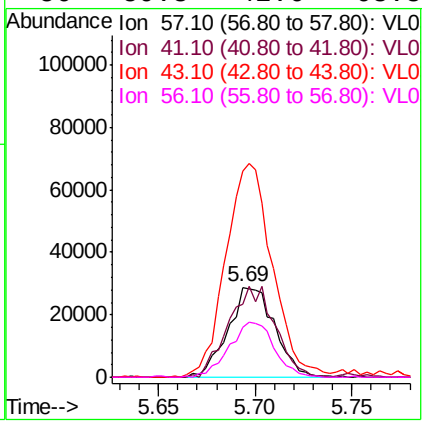


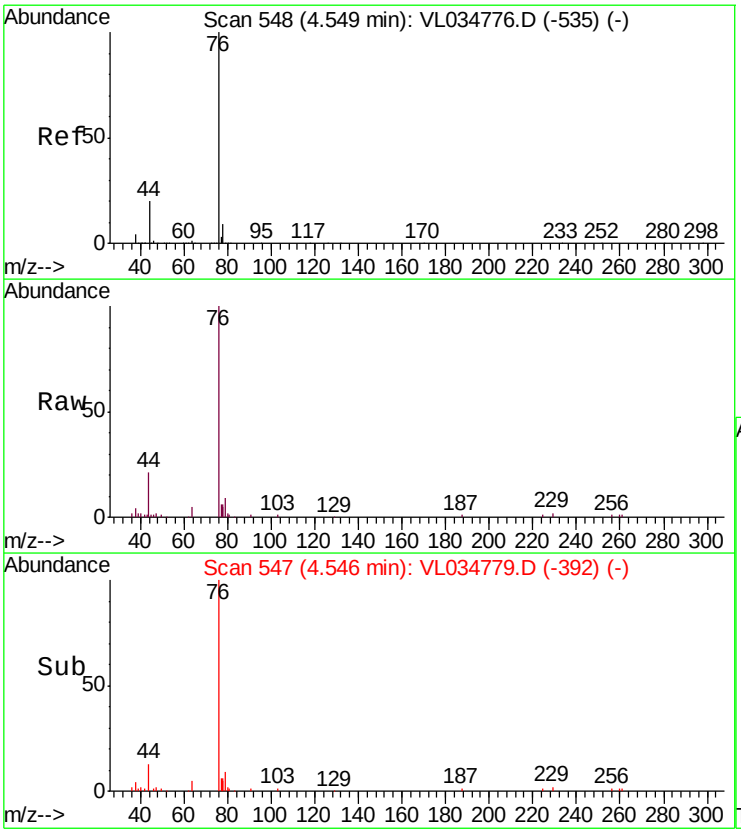
#26
Hexane
Concen: 0.485 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 48127

Ion	Ratio	Lower	Upper
57	100		
41	101.7	72.0	108.0
43	245.2	179.1	268.7
56	59.3	42.6	63.8

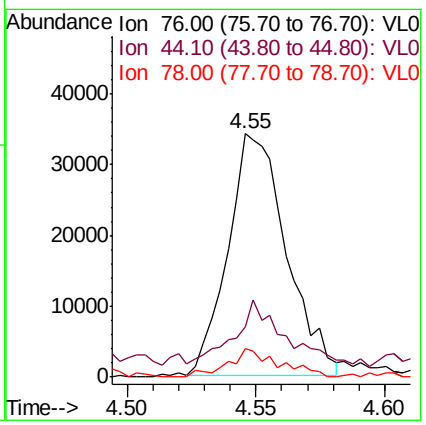


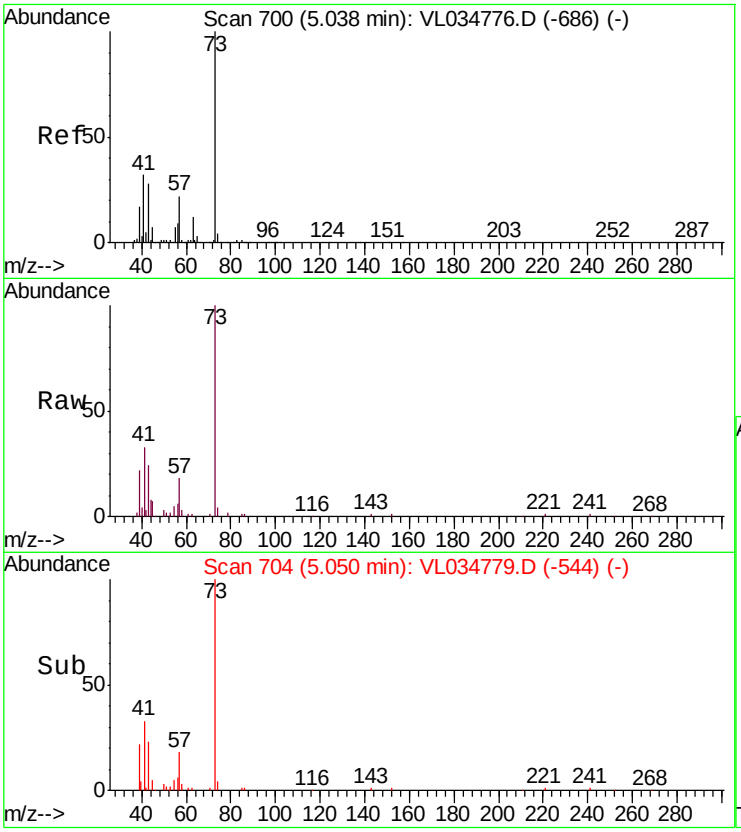


#27
Carbon Disulfide
Concen: 0.485 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 76 Resp: 53988

Ion	Ratio	Lower	Upper
76	100		
44	31.9	16.1	24.1#
78	11.6	7.5	11.3#



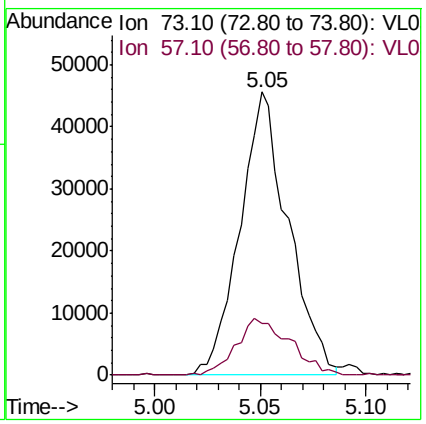


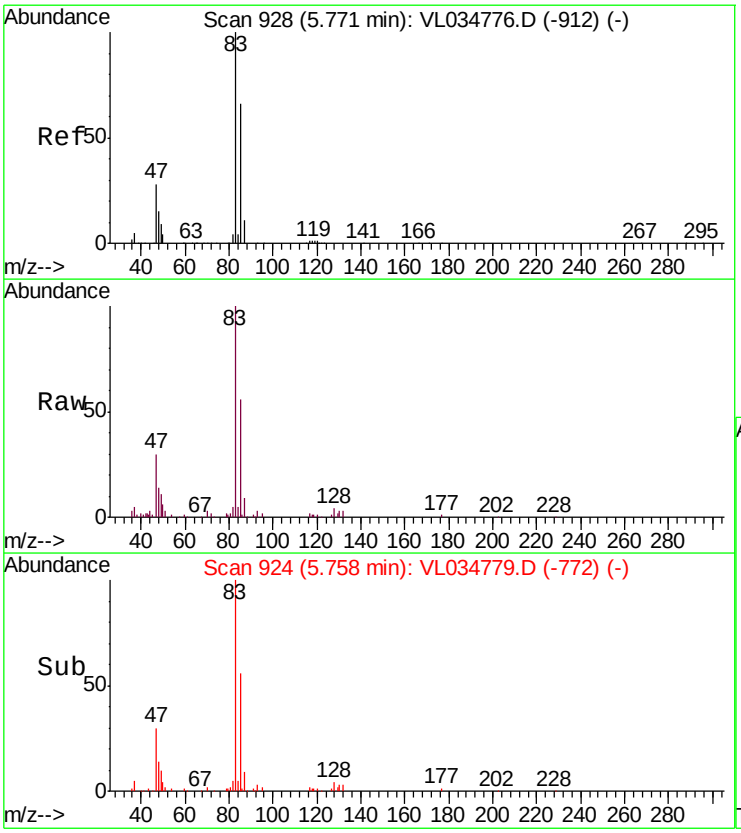
#28
Methyl tert-Butyl Ether
Concen: 0.514 ppbv
RT: 5.05 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 73 Resp: 72619

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.5	27.7

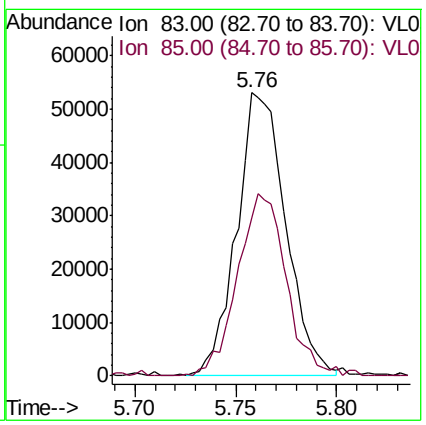


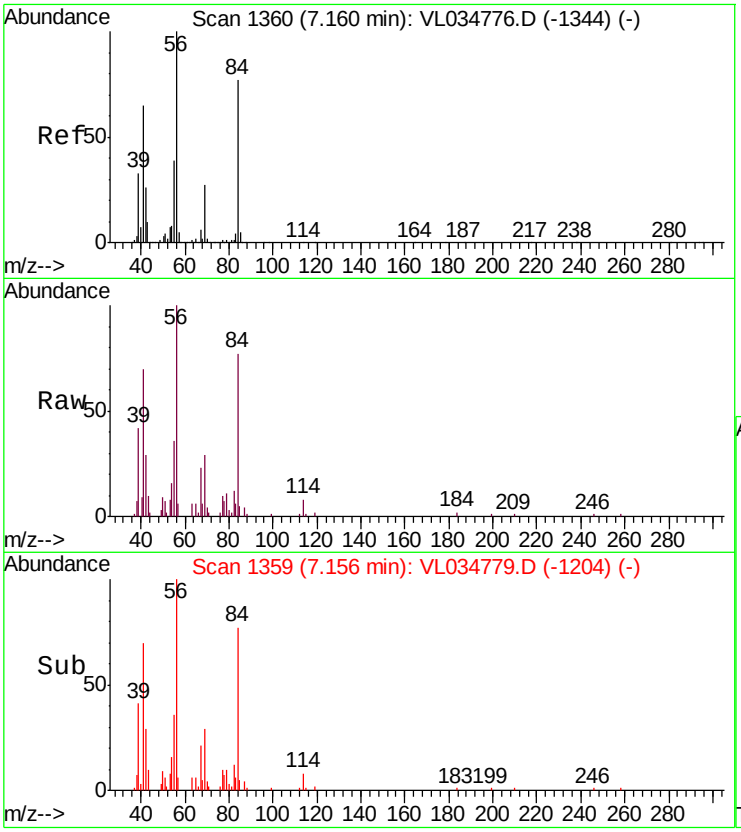


#29
Chloroform
Concen: 0.572 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 83 Resp: 90406

Ion	Ratio	Lower	Upper
83	100		
85	55.0	53.0	79.4



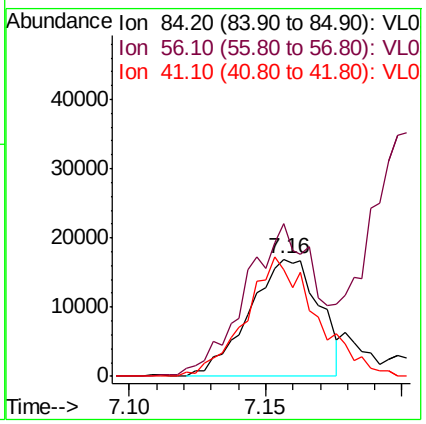


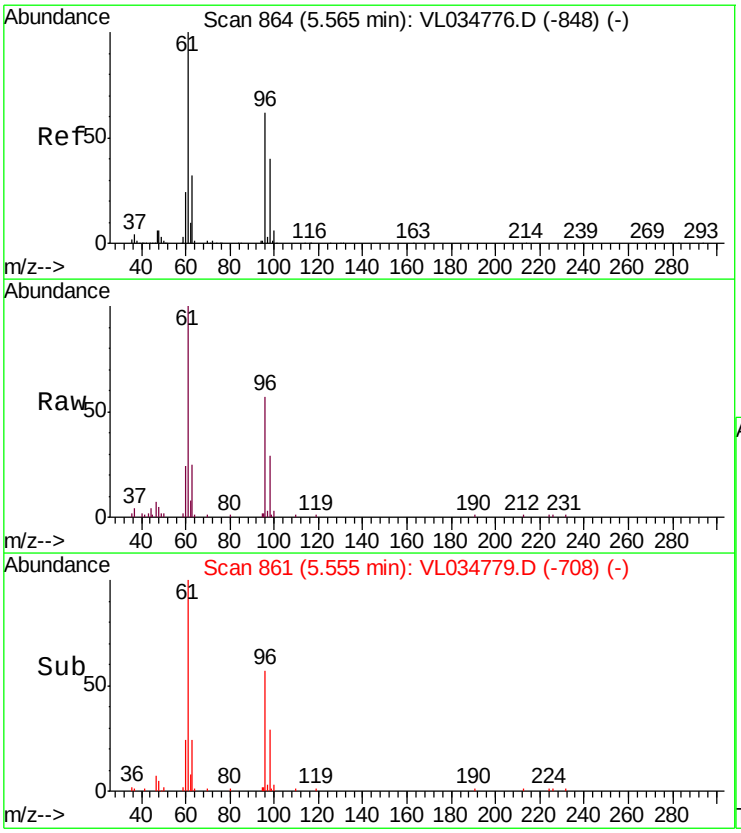
#30
Cyclohexane
Concen: 0.389 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 84 Resp: 29942

Ion	Ratio	Lower	Upper
84	100		
56	133.4	113.2	169.8
41	103.3	70.2	105.4

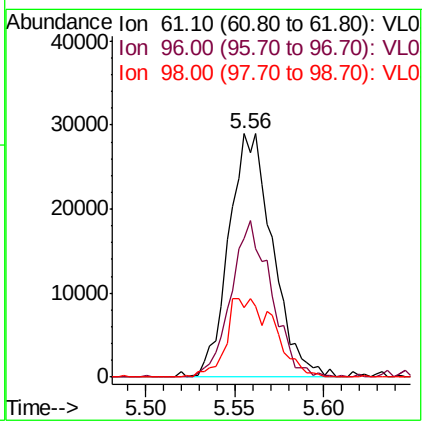


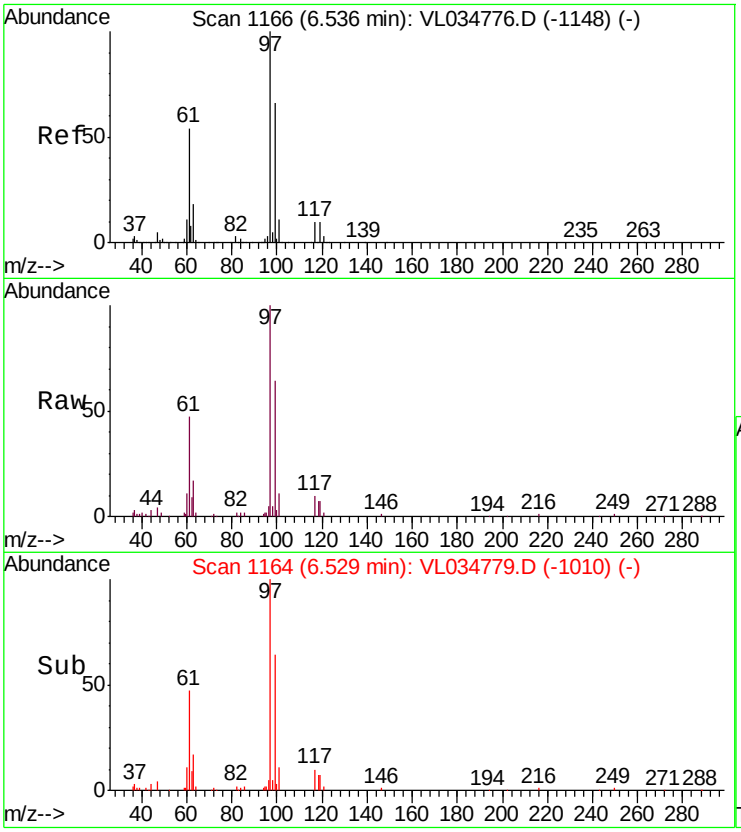


#31
cis-1,2-Dichloroethene
Concen: 0.508 ppbv
RT: 5.56 min Scan# 861
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 61 Resp: 49626

Ion	Ratio	Lower	Upper
61	100		
96	57.0	49.7	74.5
98	28.5	31.9	47.9#



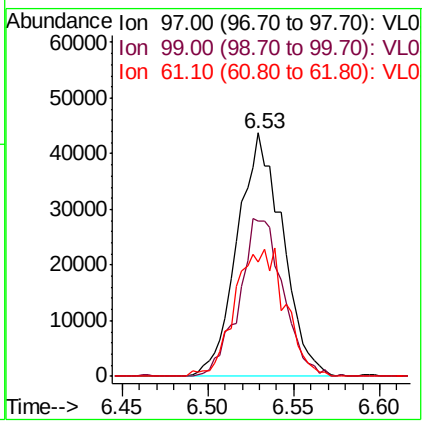


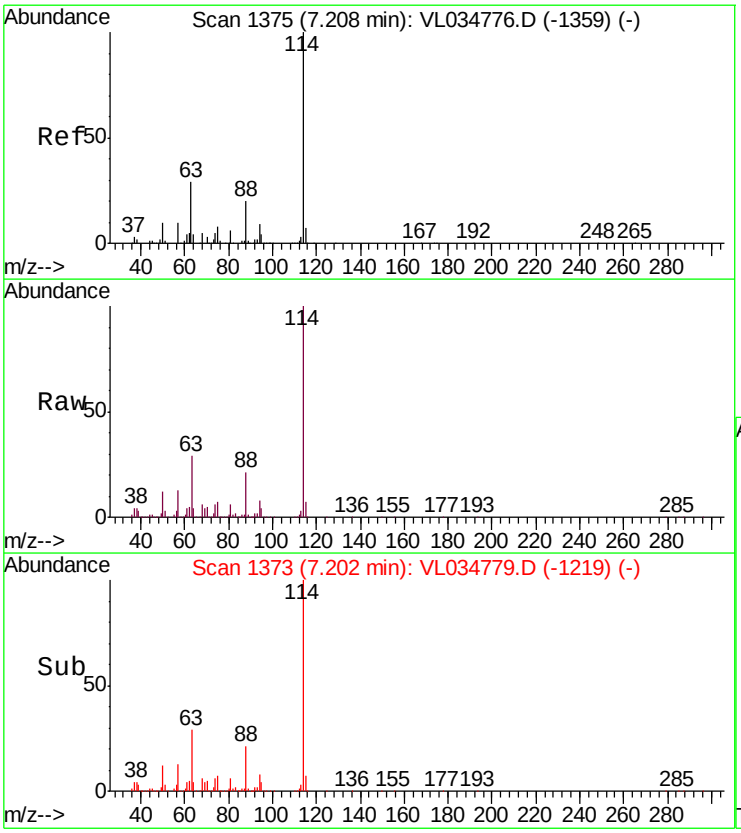
#32
1,1,1-Trichloroethane
Concen: 0.538 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 79798

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.7	77.5
61	58.1	43.4	65.0

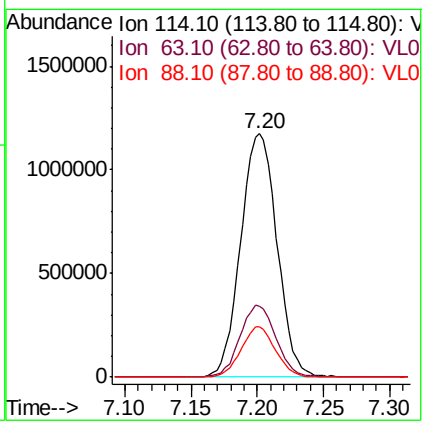


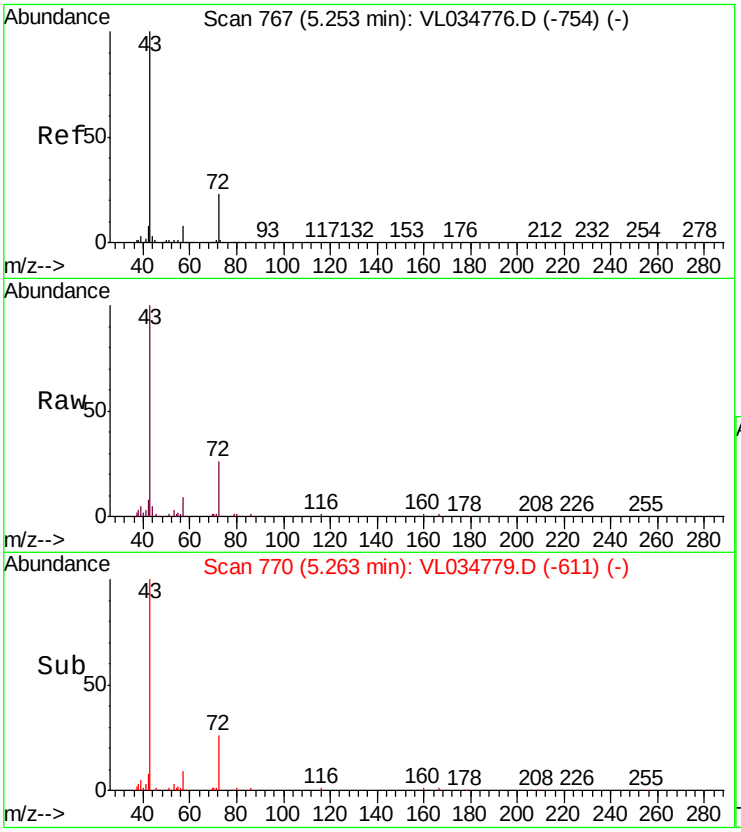


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:114 Resp: 2240610

Ion	Ratio	Lower	Upper
114	100		
63	29.3	23.6	35.4
88	19.7	15.8	23.8



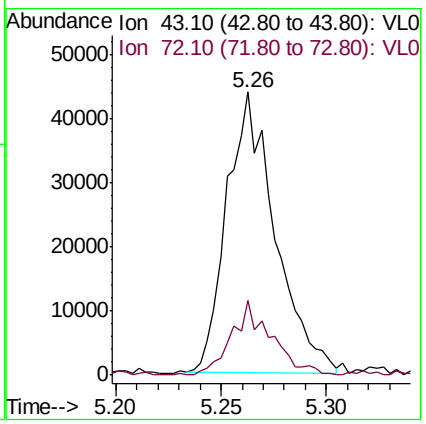


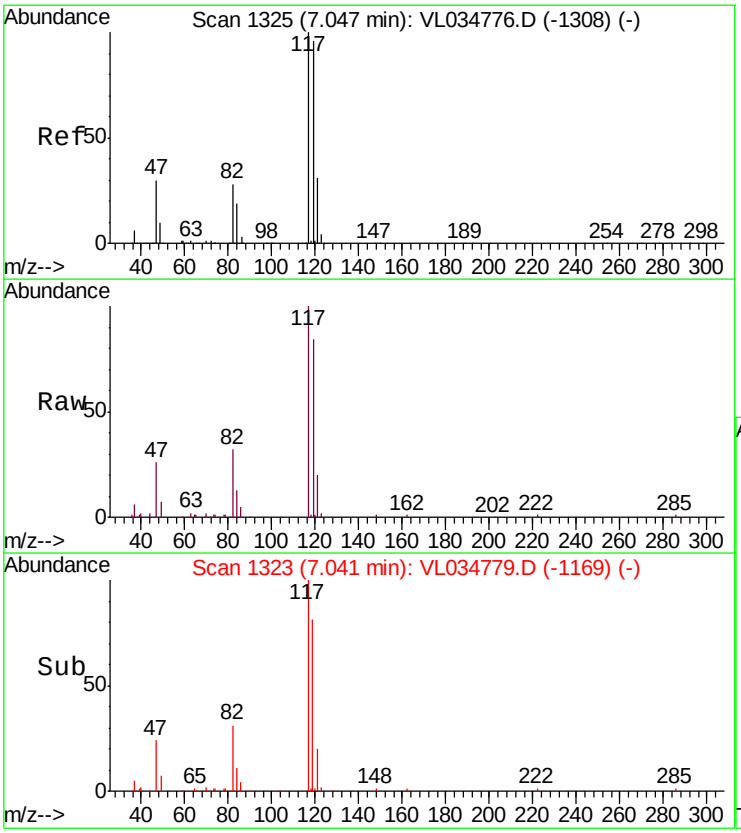
#34
2-Butanone
Concen: 0.494 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 69882

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.5	26.3

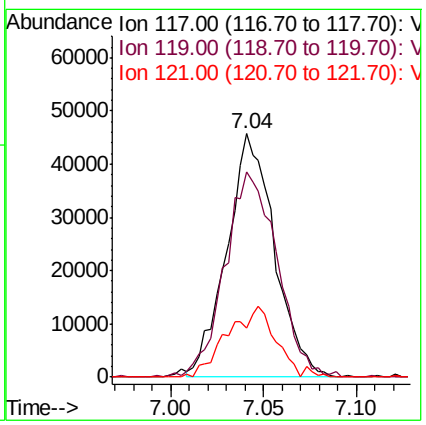


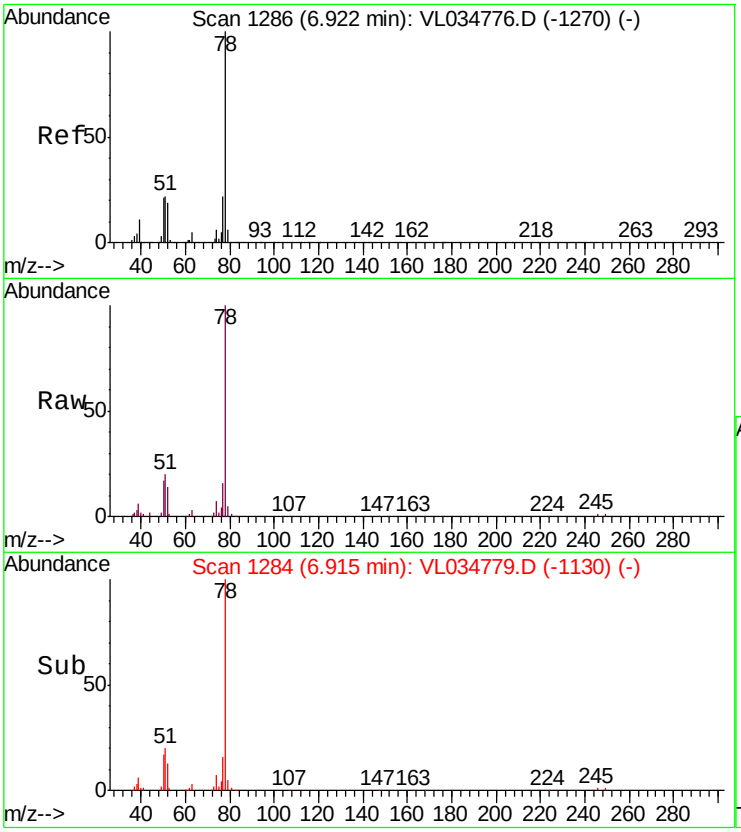


#35
Carbon Tetrachloride
Concen: 0.542 ppbv
RT: 7.04 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:117 Resp: 81448

Ion	Ratio	Lower	Upper
117	100		
119	83.2	76.8	115.2
121	20.2	24.6	37.0#



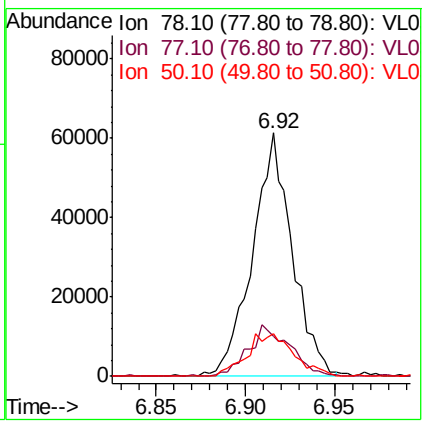


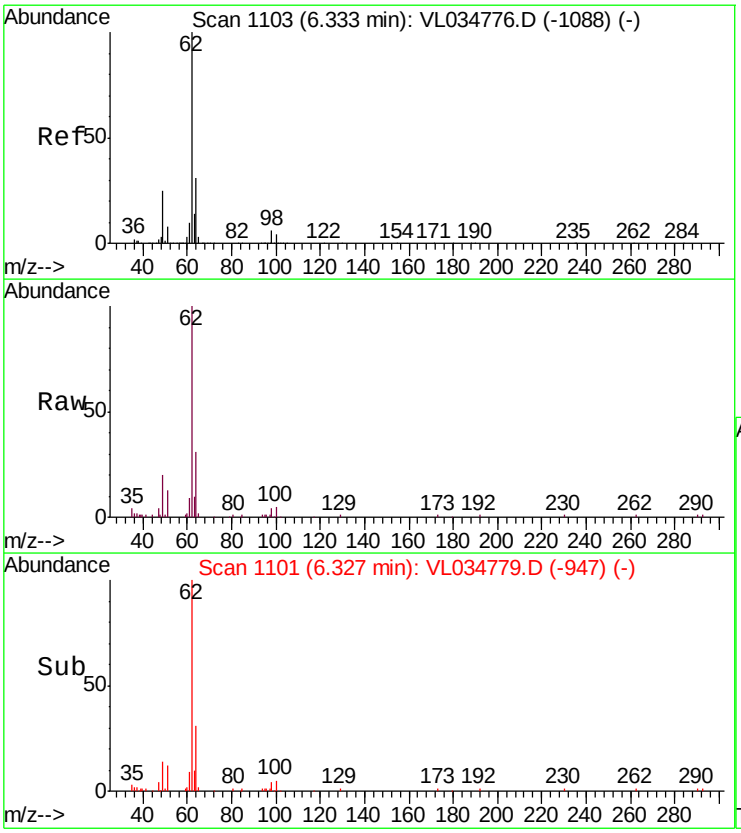
#36
Benzene
Concen: 0.493 ppbv
RT: 6.92 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 95236

Ion	Ratio	Lower	Upper
78	100		
77	16.3	18.0	27.0#
50	17.3	16.9	25.3

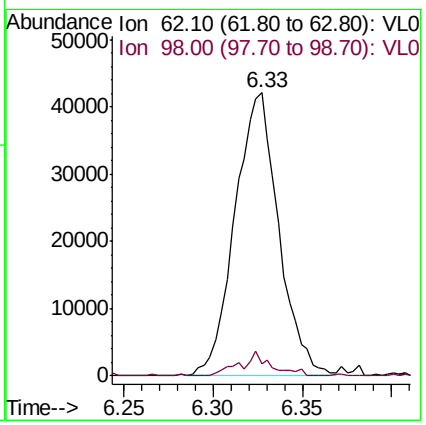


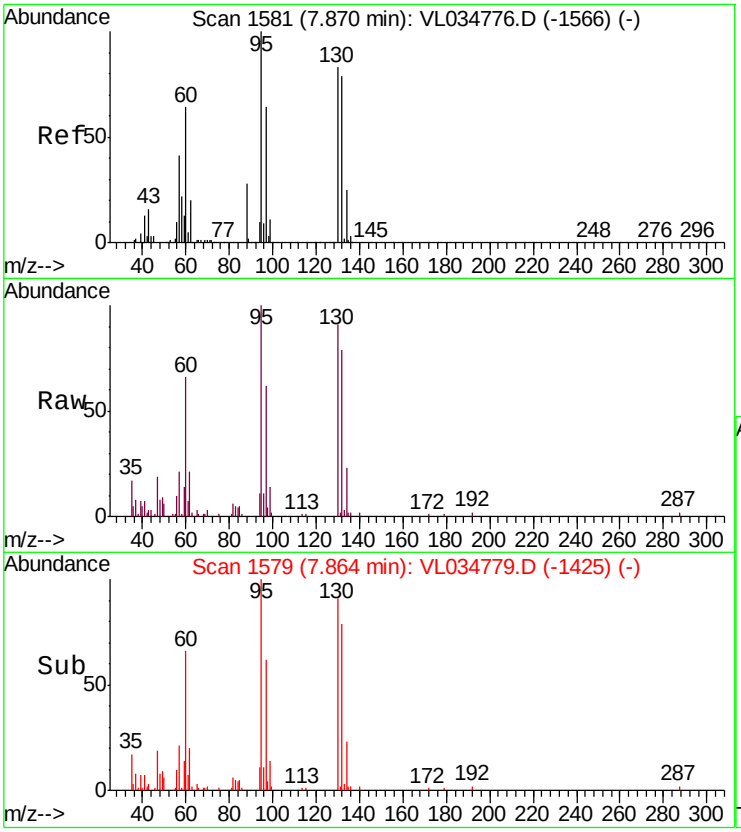


#37
1,2-Dichloroethane
Concen: 0.586 ppbv
RT: 6.33 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 62 Resp: 71944

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.4	6.6



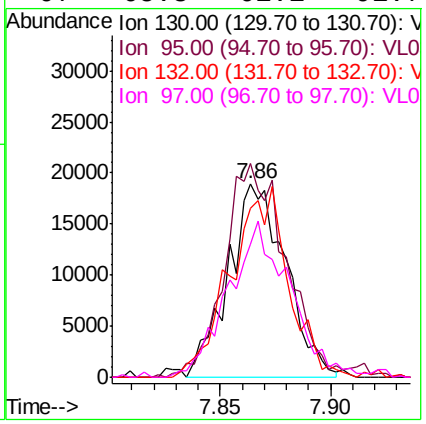


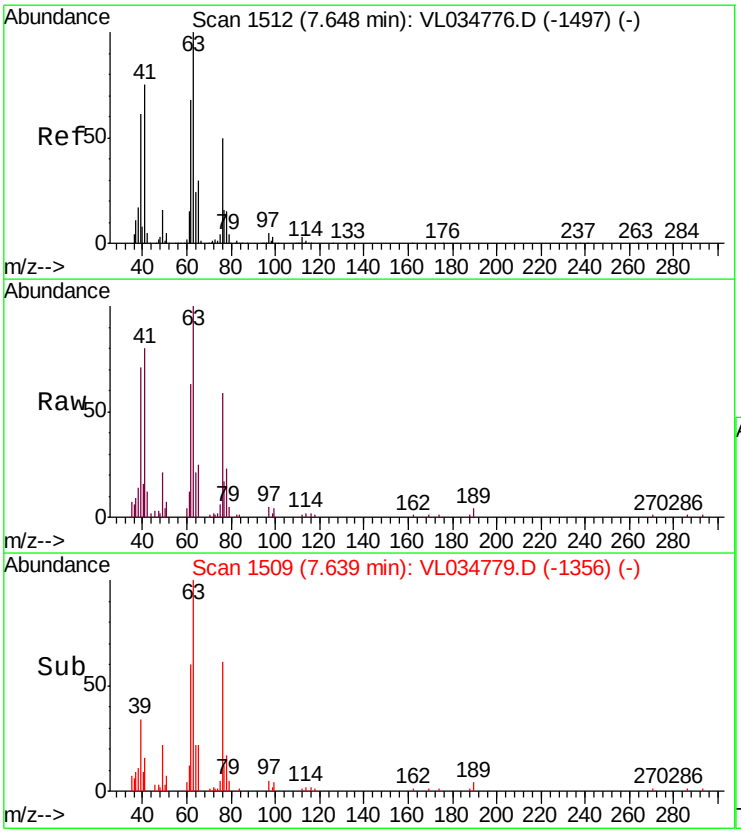
#38
Trichloroethene
Concen: 0.461 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:130 Resp: 34370

Ion	Ratio	Lower	Upper
130	100		
95	104.6	95.8	143.8
132	83.6	76.1	114.1
97	65.3	61.1	91.7

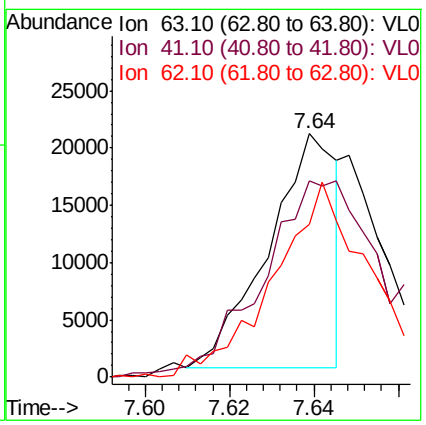


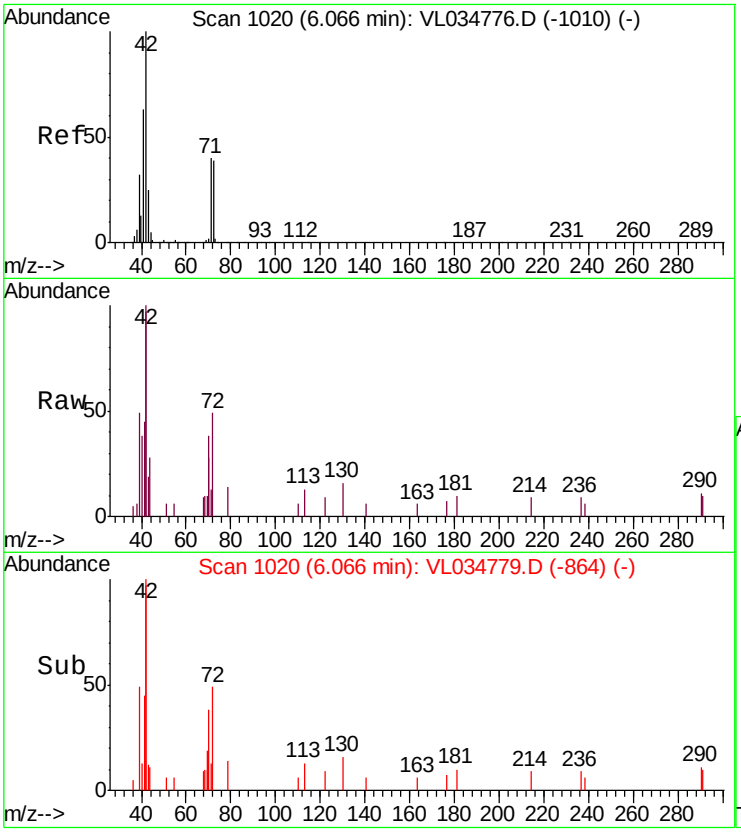


#39
1,2-Dichloropropane
Concen: 0.299 ppbv
RT: 7.64 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 63 Resp: 22908

Ion	Ratio	Lower	Upper
63	100		
41	79.0	60.3	90.5
62	56.1	54.5	81.7



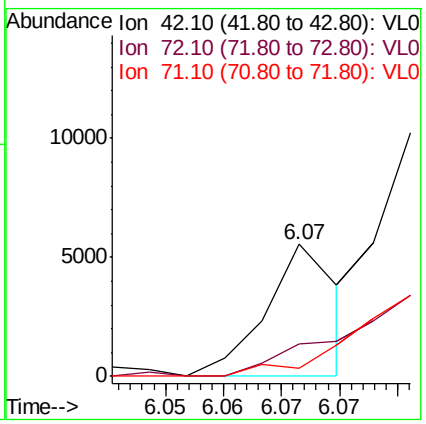


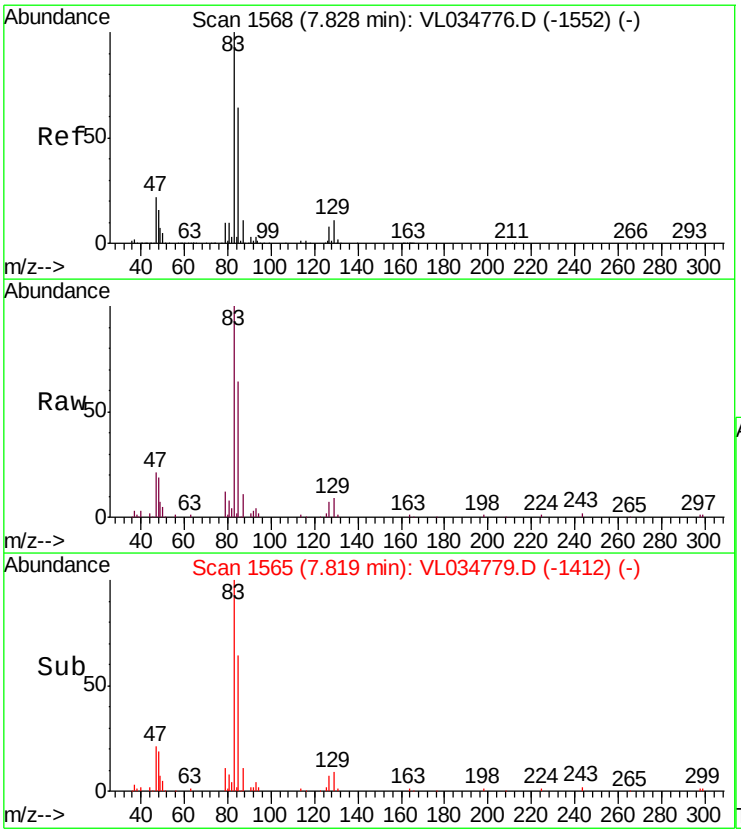
#41
Tetrahydrofuran
Concen: 0.032 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 2403

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	31.3	46.9#

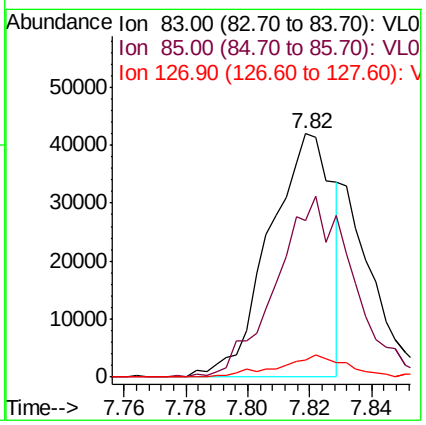


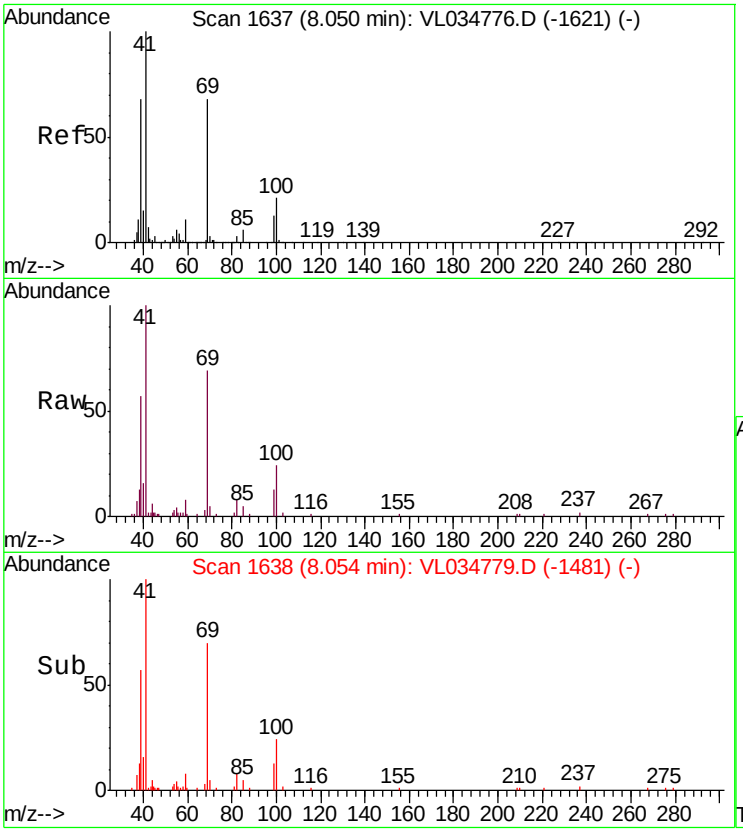


#42
Bromodichloromethane
Concen: 0.371 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 83 Resp: 59638

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2
127	7.1	6.5	9.7



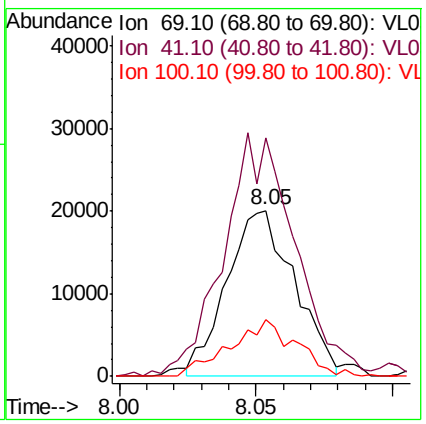


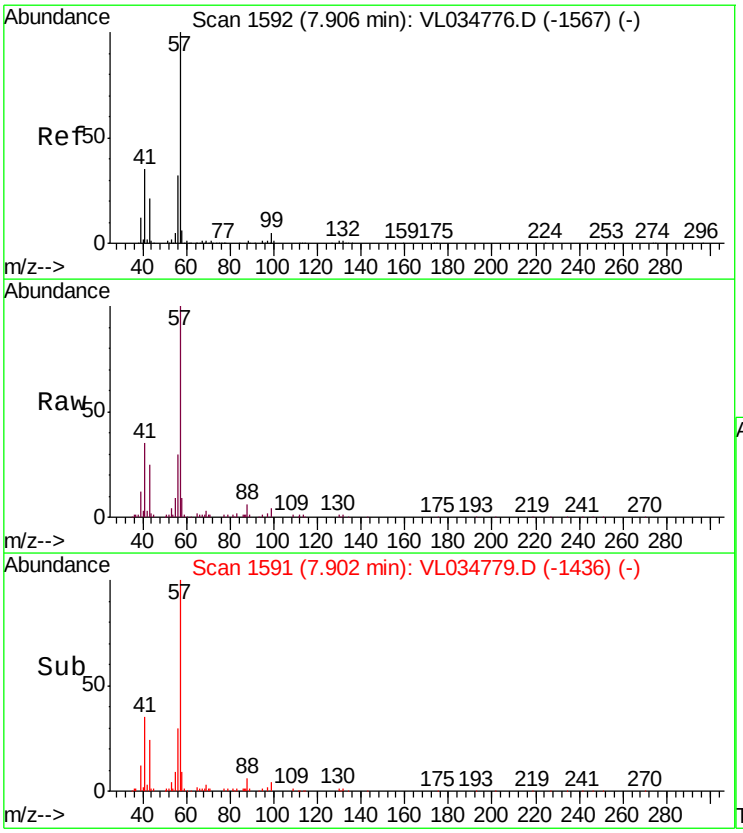
#43
Methyl Methacrylate
Concen: 0.427 ppbv
RT: 8.05 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 69 Resp: 34643

Ion	Ratio	Lower	Upper
69	100		
41	158.4	121.6	182.4
100	33.5	23.8	35.8

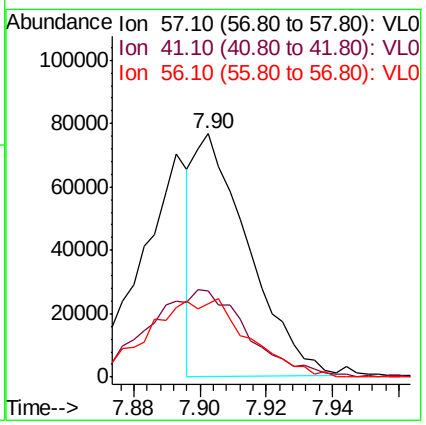


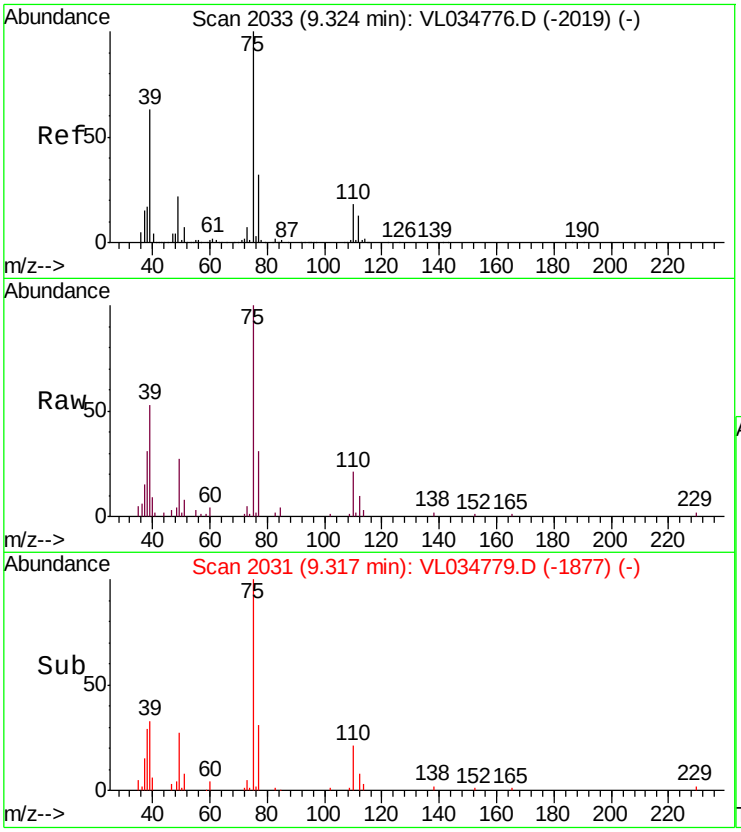


#44
2,2,4-Trimethylpentane
Concen: 0.257 ppbv
RT: 7.90 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 57 Resp: 86696

Ion	Ratio	Lower	Upper
57	100		
41	68.6	27.4	41.0#
56	60.2	25.0	37.6#



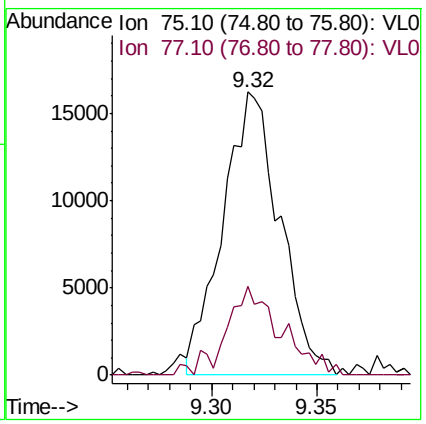


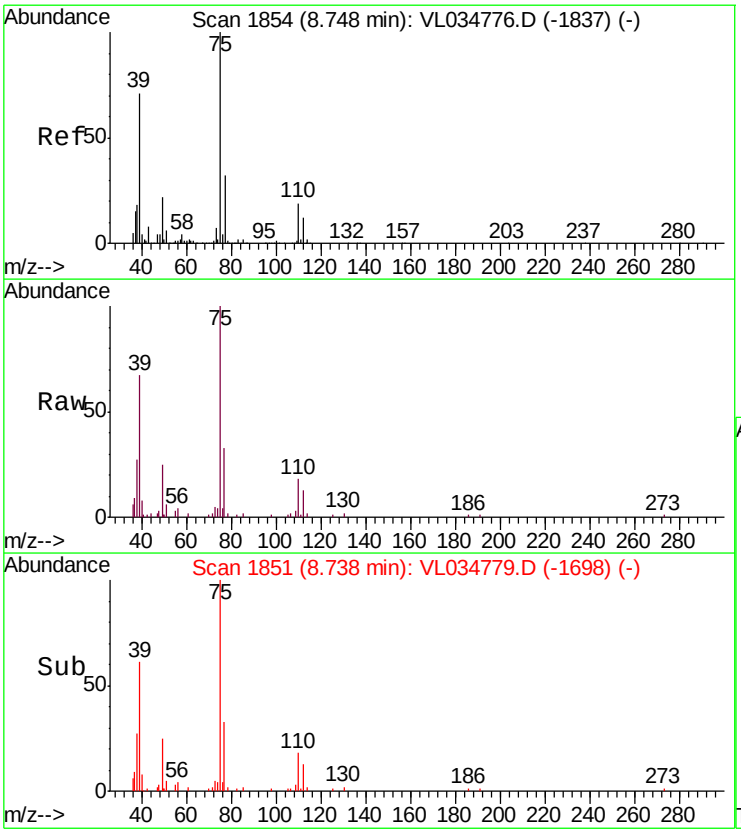
#45
t-1,3-Dichloropropene
Concen: 0.346 ppbv
RT: 9.32 min Scan# 2031
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 30500

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4

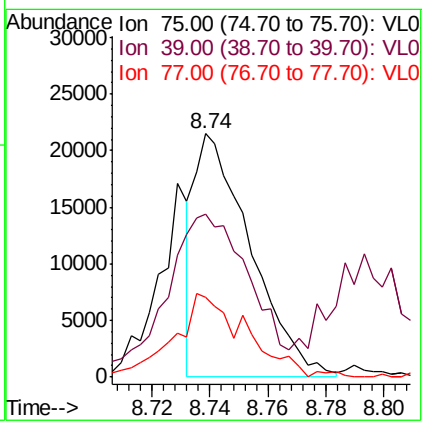


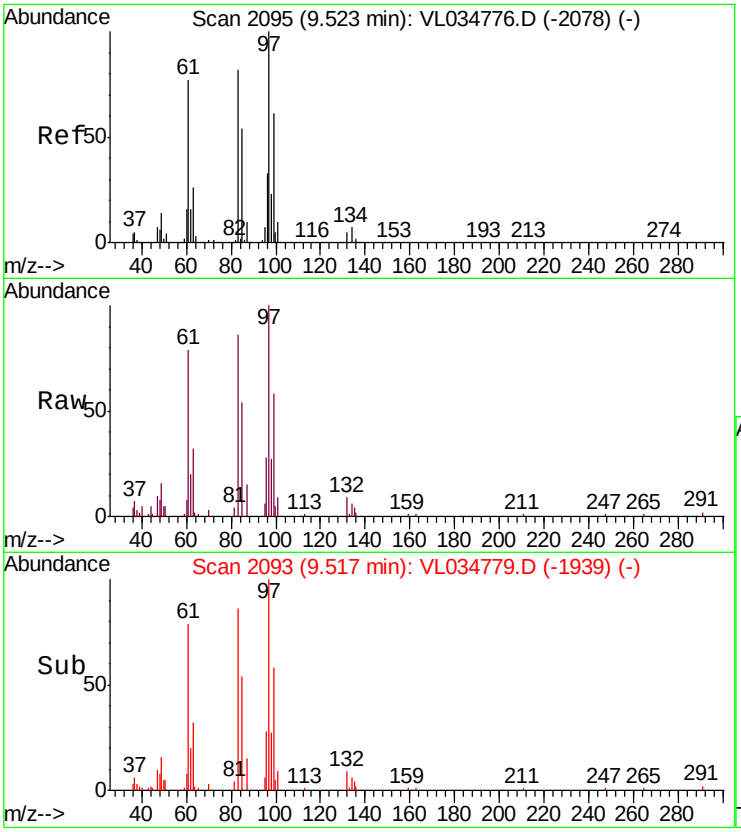


#46
cis-1,3-Dichloropropene
Concen: 0.271 ppbv
RT: 8.74 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 75 Resp: 28699

Ion	Ratio	Lower	Upper
75	100		
39	38.9	56.9	85.3#
77	31.3	25.7	38.5



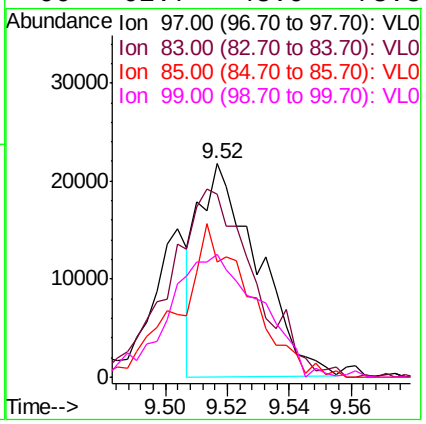


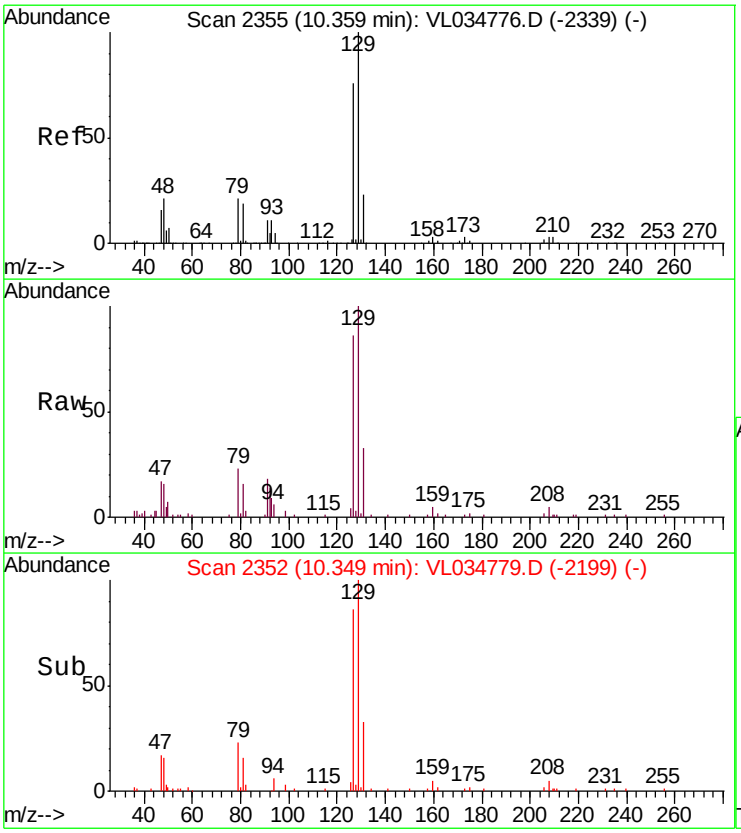
#47
1,1,2-Trichloroethane
Concen: 0.365 ppbv
RT: 9.52 min Scan# 2093
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 97 Resp: 28880

Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.2	97.8
85	51.6	43.6	65.4
99	62.7	48.9	73.3

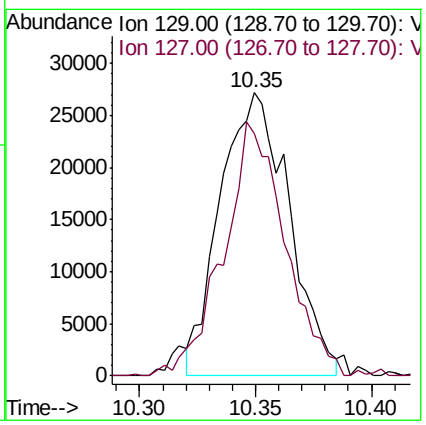


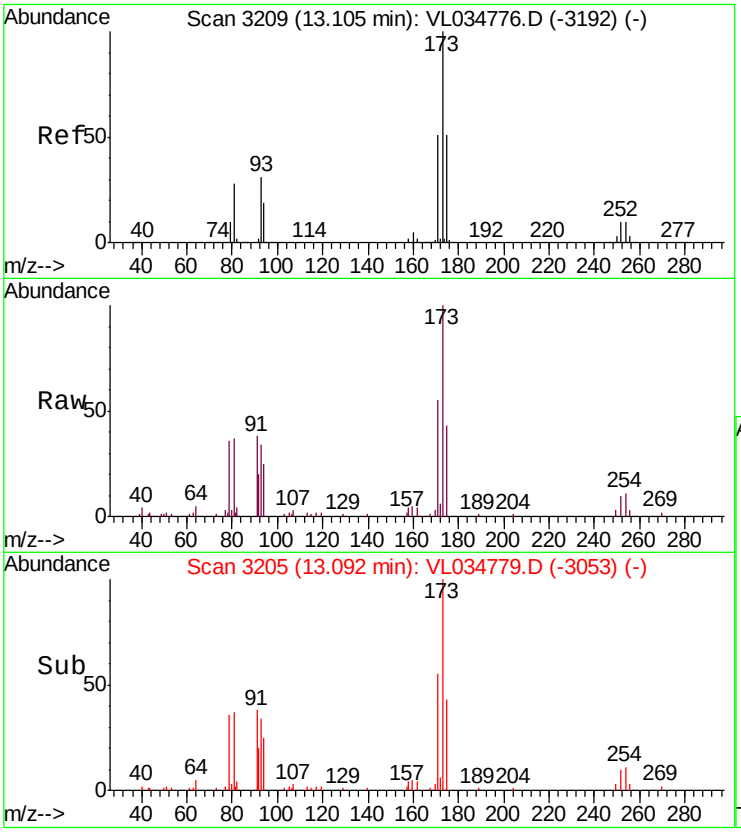


#48
Dibromochloromethane
Concen: 0.453 ppbv
RT: 10.35 min Scan# 2352
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:129 Resp: 55931

Ion	Ratio	Lower	Upper
129	100		
127	80.9	39.0	117.0



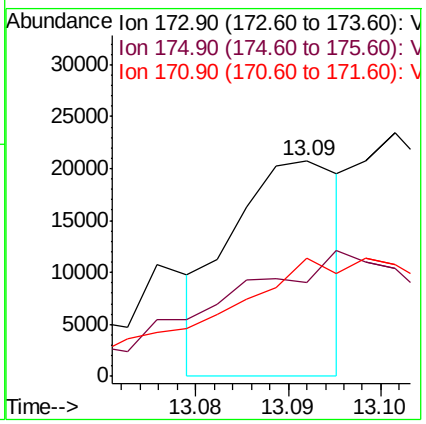


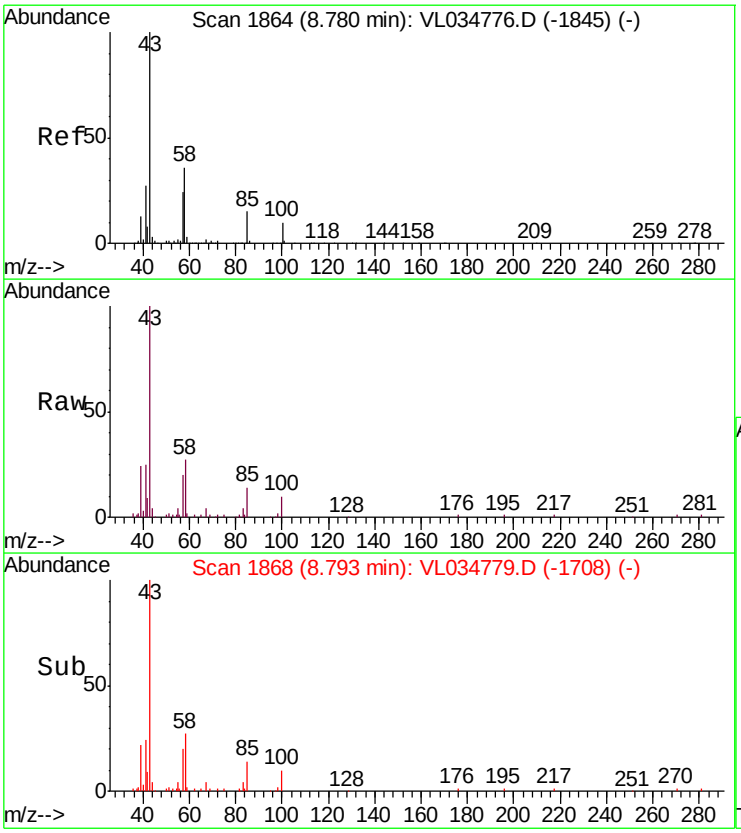
#49
Bromoform
Concen: 0.158 ppbv
RT: 13.09 min Scan# 3205
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:173 Resp: 16934

Ion	Ratio	Lower	Upper
173	100		
175	147.4	39.8	59.6#
171	144.4	41.0	61.4#

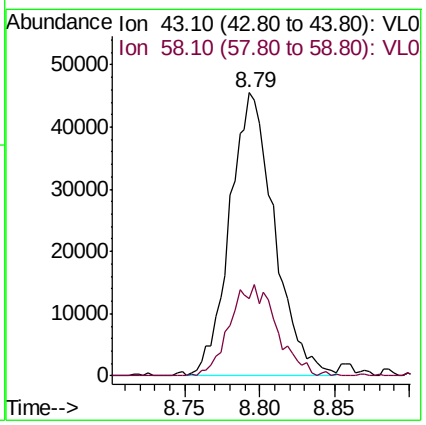


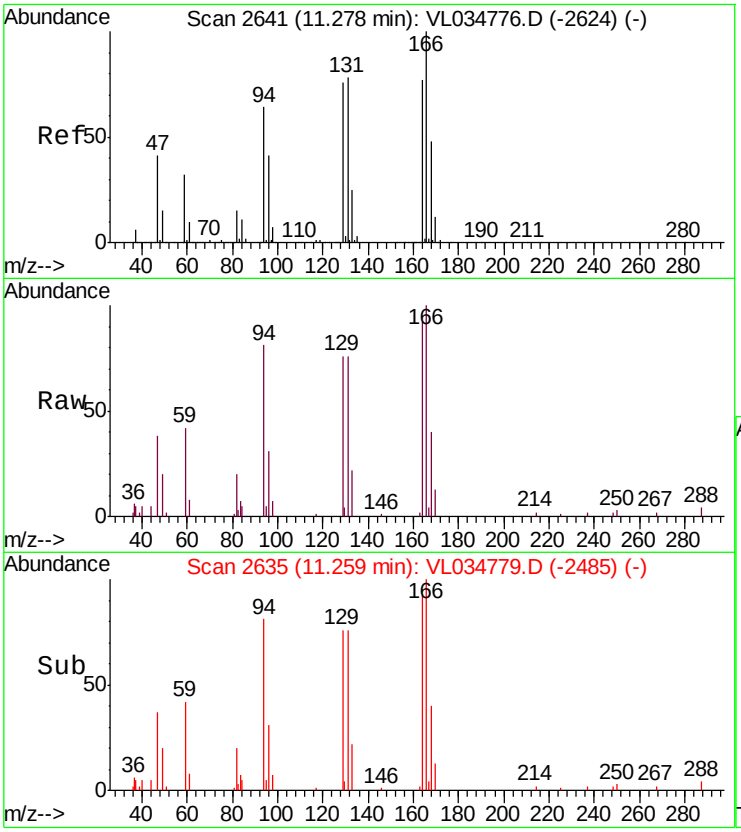


#50
4-Methyl-2-Pentanone
Concen: 0.470 ppbv
RT: 8.79 min Scan# 1868
Delta R.T. 0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 43 Resp: 94260

Ion	Ratio	Lower	Upper
43	100		
58	33.7	28.7	43.1



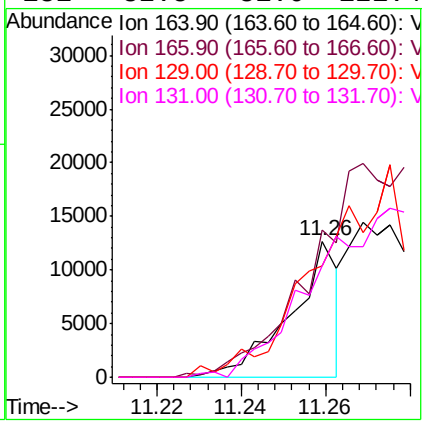


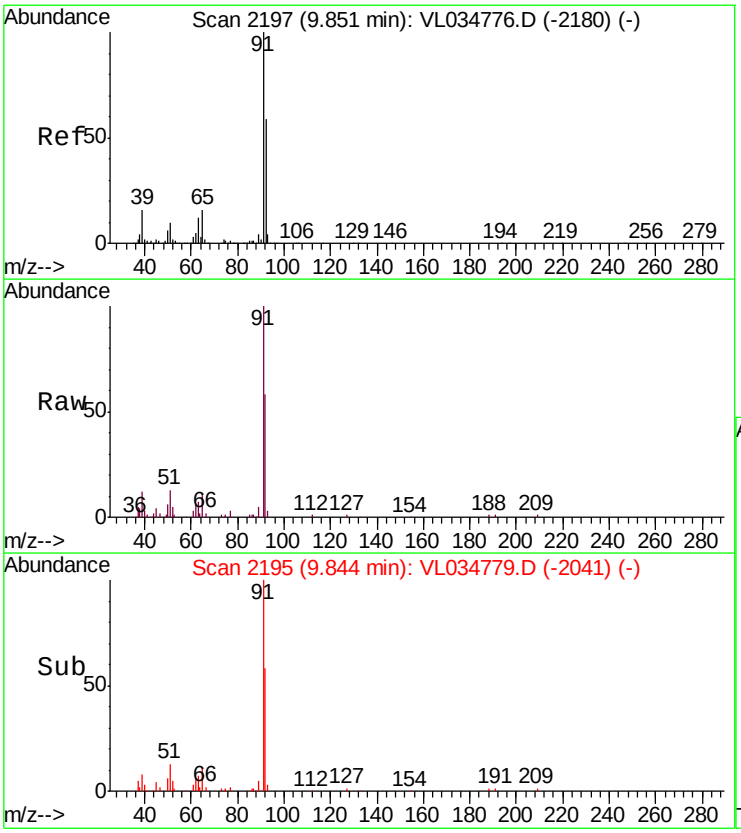
#52
Tetrachloroethene
Concen: 0.138 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:164 Resp: 9818

Ion	Ratio	Lower	Upper
164	100		
166	109.8	103.3	154.9
129	86.6	79.0	118.4
131	82.5	81.0	121.4

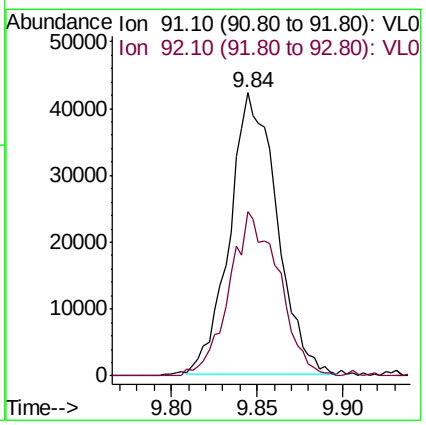


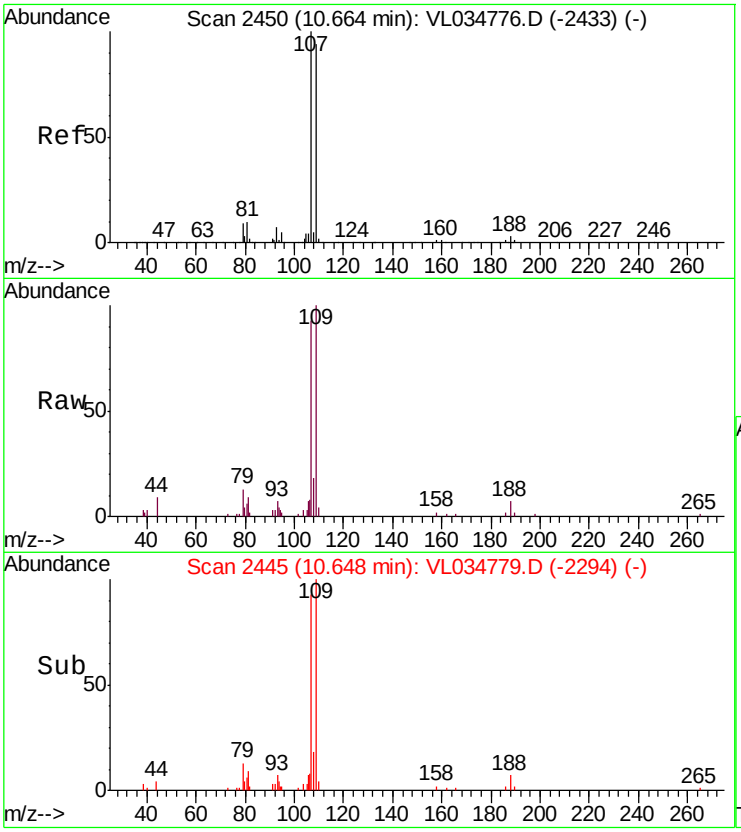


#53
Toluene
Concen: 0.392 ppbv
RT: 9.84 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 91 Resp: 80570

Ion	Ratio	Lower	Upper
91	100		
92	61.6	48.2	72.2



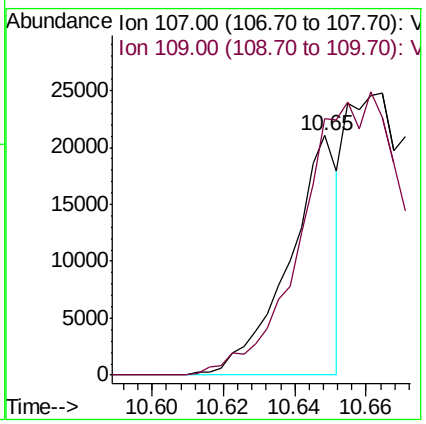


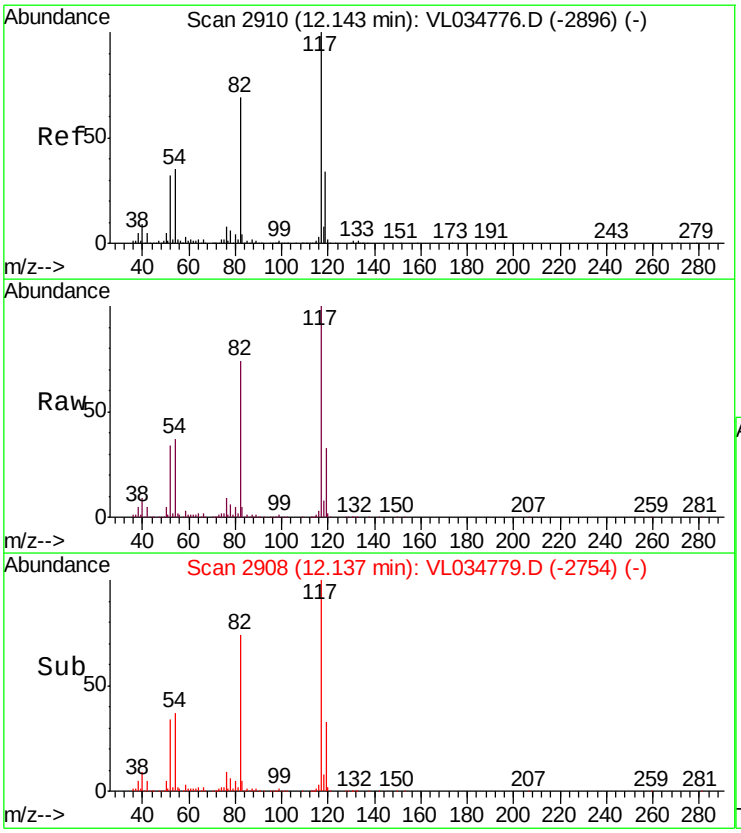
#54
1,2-Dibromoethane
Concen: 0.169 ppbv
RT: 10.65 min Scan# 2445
Delta R.T. -0.02 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:107 Resp: 19910

Ion	Ratio	Lower	Upper
107	100		
109	107.0	75.0	112.6

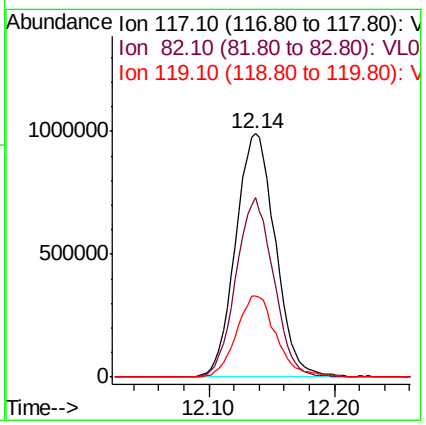


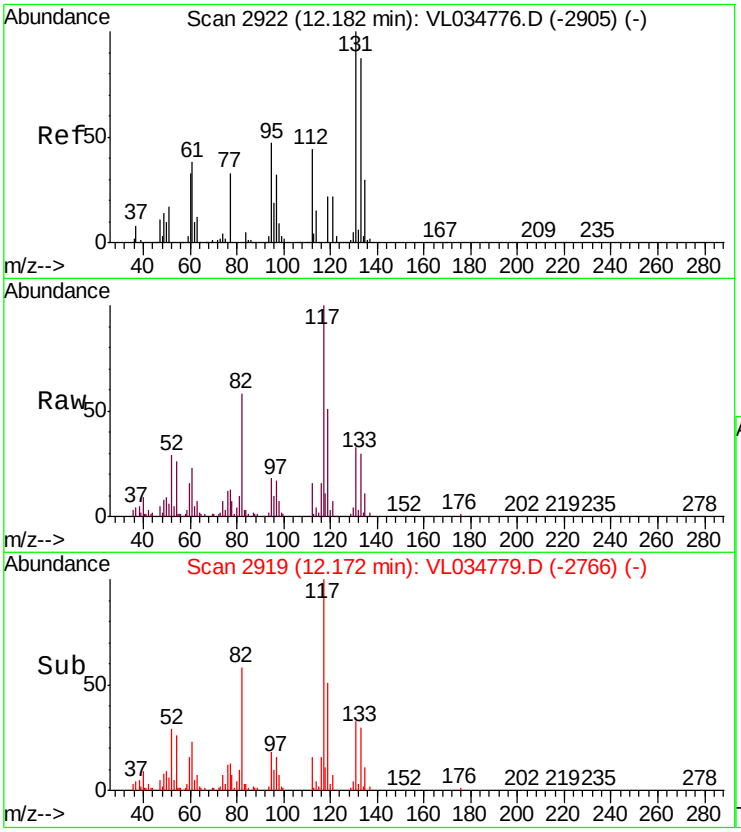


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:117 Resp: 2179161

Ion	Ratio	Lower	Upper
117	100		
82	70.1	53.9	80.9
119	33.9	25.0	37.4



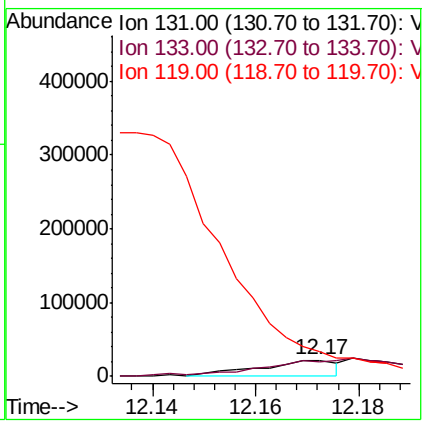


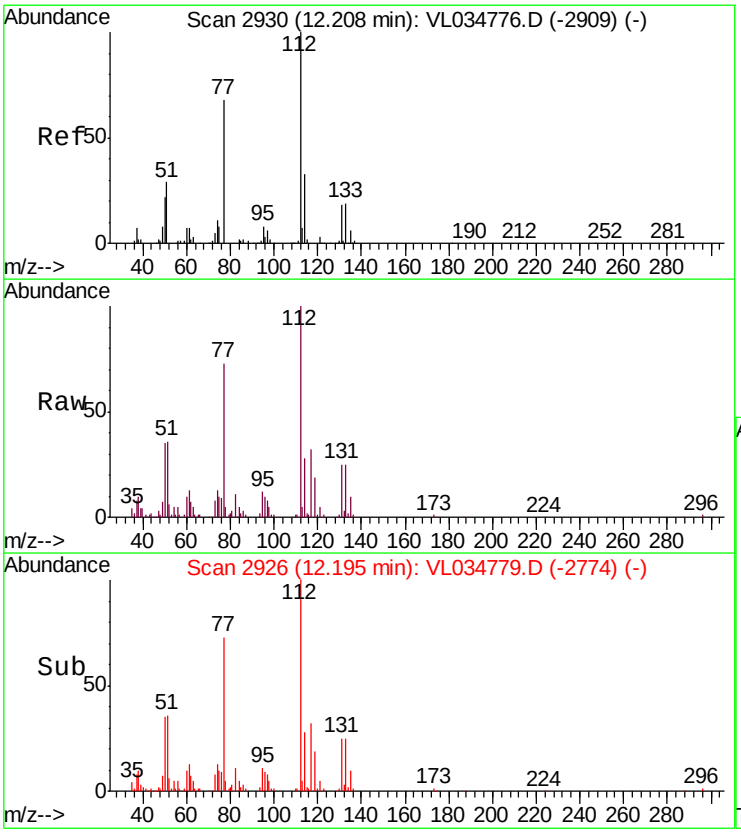
#56
1,1,1,2-Tetrachloroethane
Concen: 0.248 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 23248

Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.4	113.0#
119	0.0	110.5	165.7#

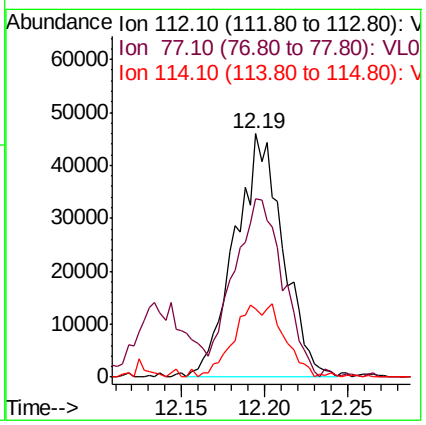


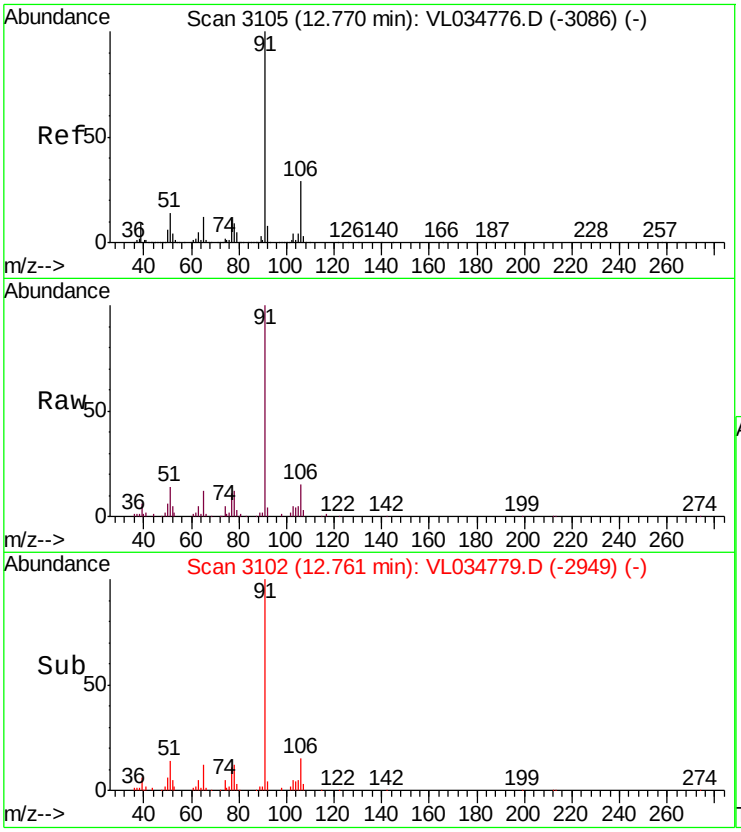


#57
Chlorobenzene
Concen: 0.575 ppbv
RT: 12.19 min Scan# 2926
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:112 Resp: 92703

Ion	Ratio	Lower	Upper
112	100		
77	72.7	55.6	83.4
114	28.1	29.4	36.0#



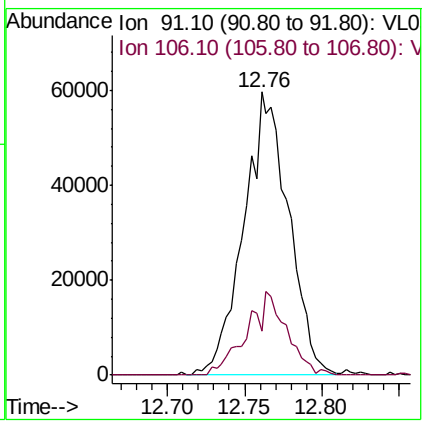


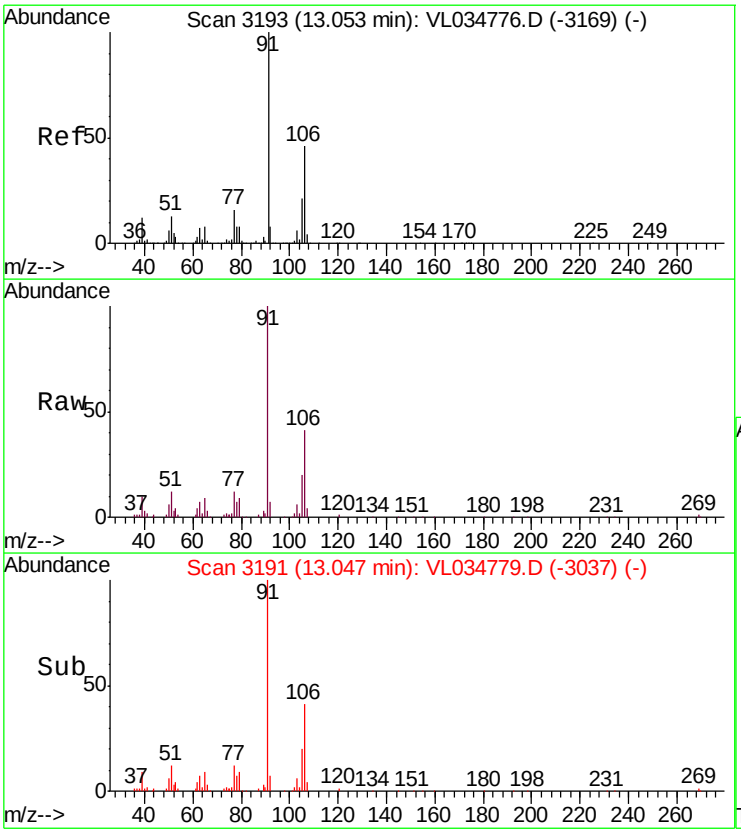
#58
Ethyl Benzene
Concen: 0.452 ppbv
RT: 12.76 min Scan# 3102
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 119815

Ion	Ratio	Lower	Upper
91	100		
106	15.3	22.8	34.2#

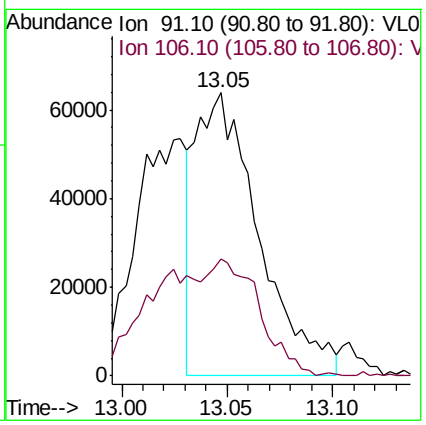


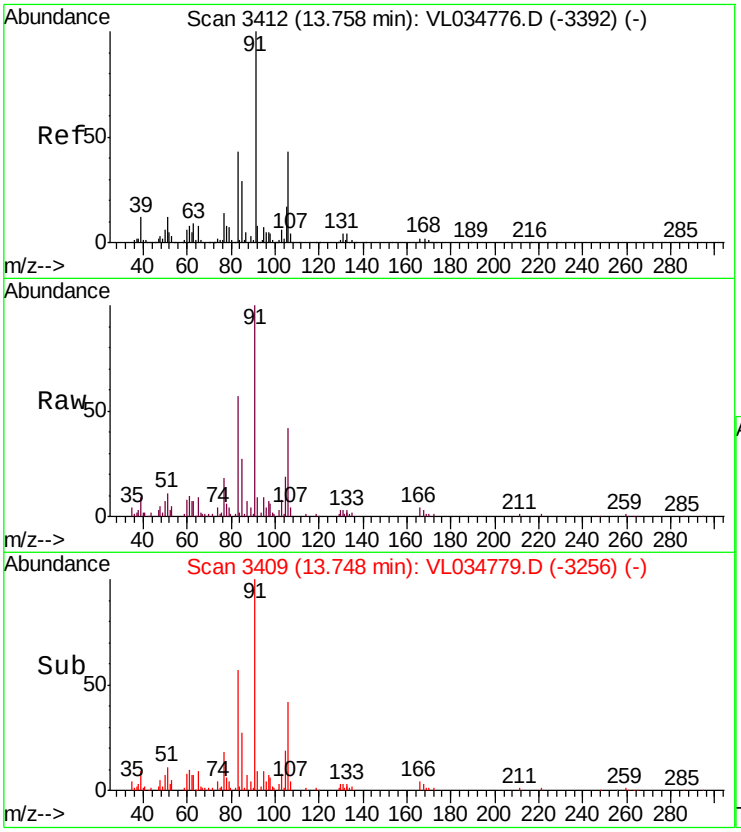


#59
m/p-Xylene
Concen: 0.574 ppbv
RT: 13.05 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 91 Resp: 131993

Ion	Ratio	Lower	Upper
91	100		
106	70.9	35.8	53.8#



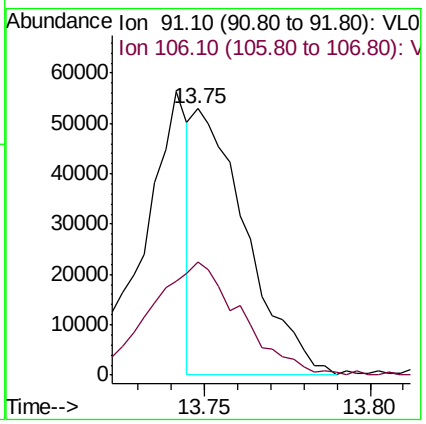


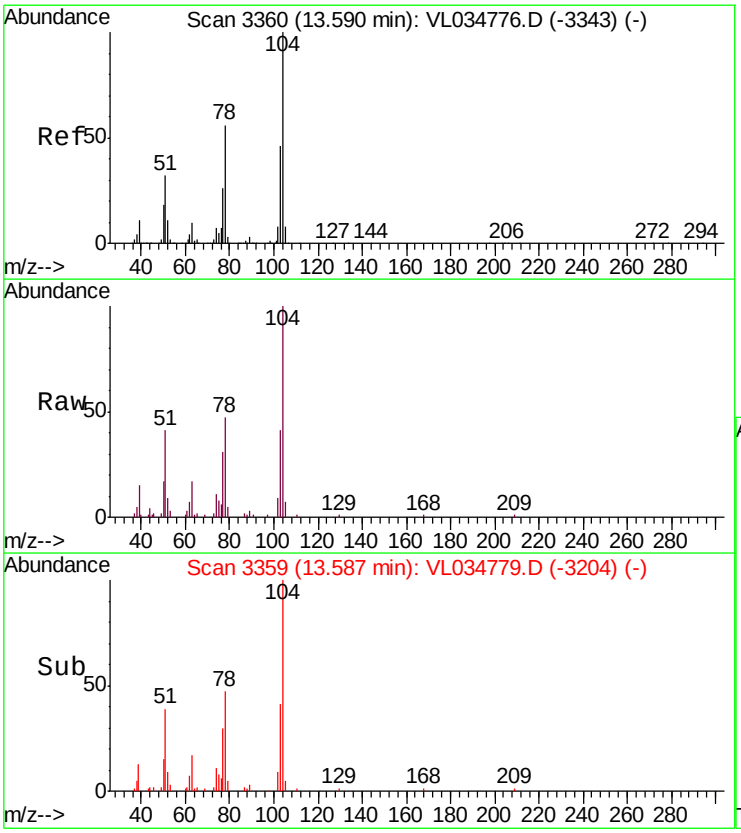
#60
o-Xylene
Concen: 0.256 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 58782

Ion	Ratio	Lower	Upper
91	100		
106	75.4	21.7	65.1#

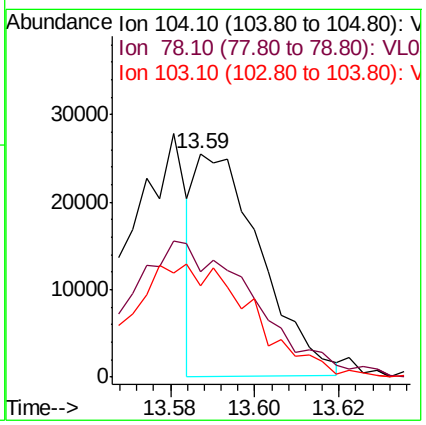


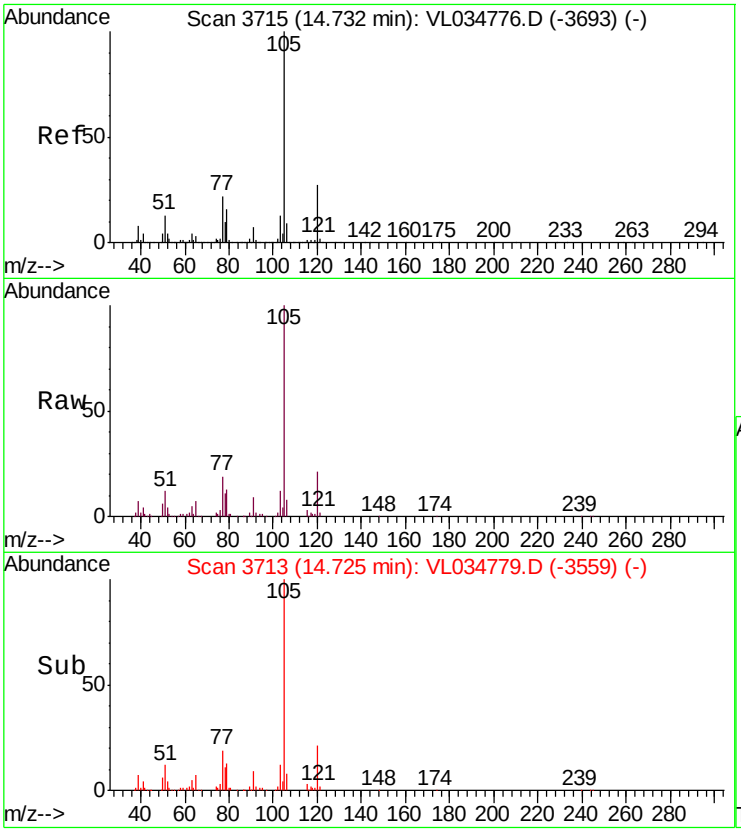


#61
Styrene
Concen: 0.187 ppbv
RT: 13.59 min Scan# 3359
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:104 Resp: 27384

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.7	67.1#
103	103.6	38.2	57.2#



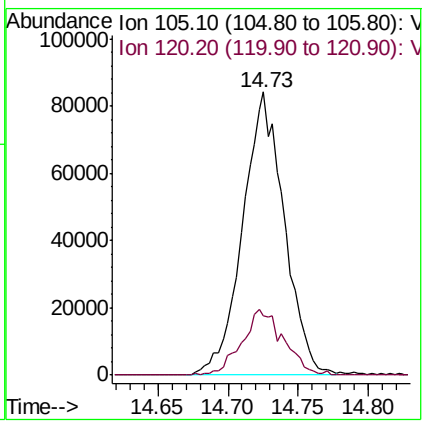


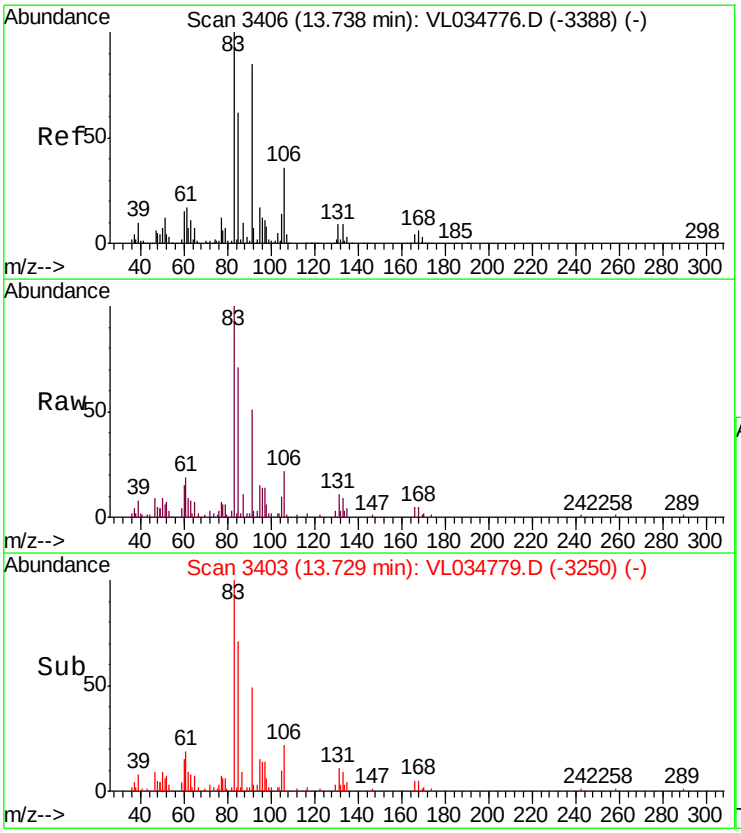
#62
Isopropylbenzene
Concen: 0.518 ppbv
RT: 14.73 min Scan# 3713
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:105 Resp: 173283

Ion	Ratio	Lower	Upper
105	100		
120	23.3	20.5	30.7

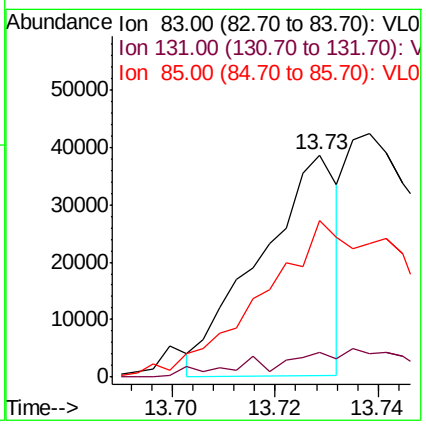


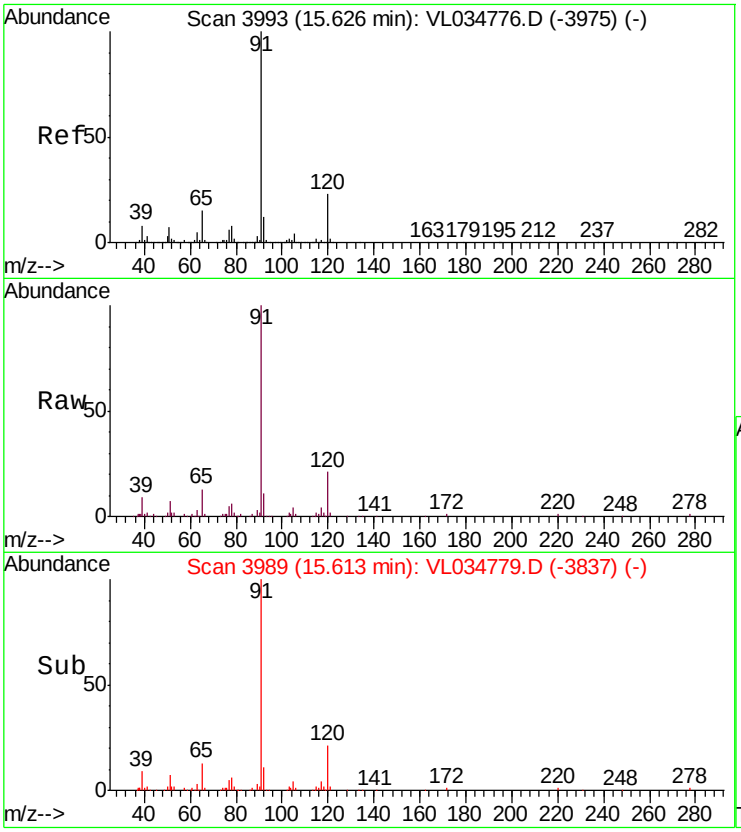


#63
1,1,2,2-Tetrachloroethane
Concen: 0.226 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 83 Resp: 40428

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	150.4	32.9	98.7#



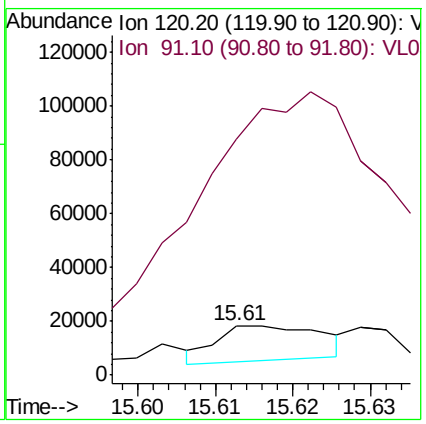


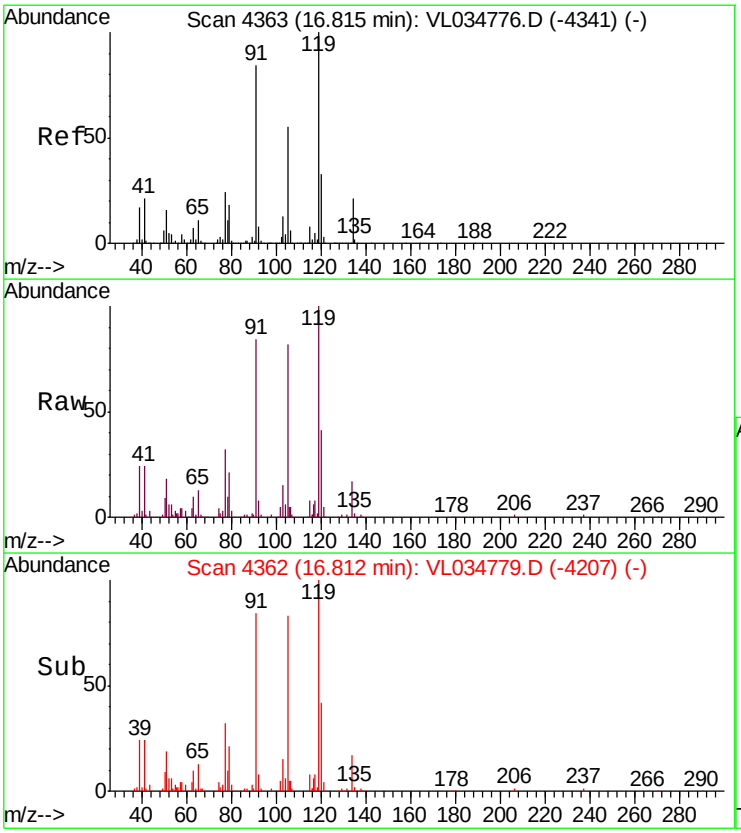
#64
n-propylbenzene
Concen: 0.144 ppbv
RT: 15.61 min Scan# 3989
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 12395

Ion	Ratio	Lower	Upper
120	100		
91	0.0	379.4	569.2#

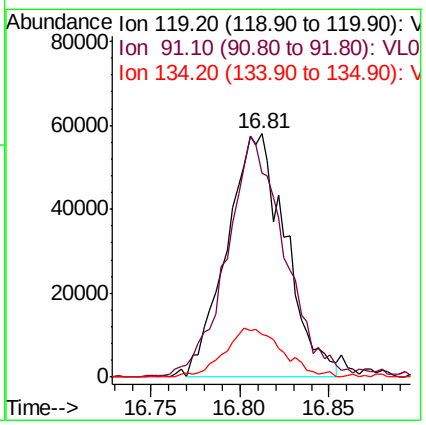


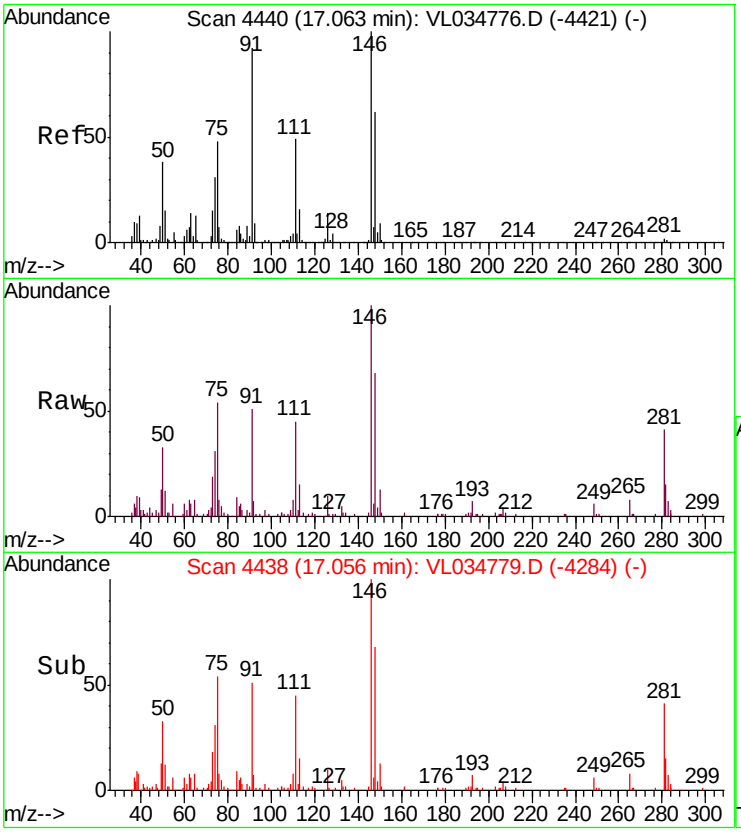


#65
tert-Butylbenzene
Concen: 0.461 ppbv
RT: 16.81 min Scan# 4362
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:119 Resp: 133451

Ion	Ratio	Lower	Upper
119	100		
91	99.4	69.8	104.6
134	19.7	15.9	23.9



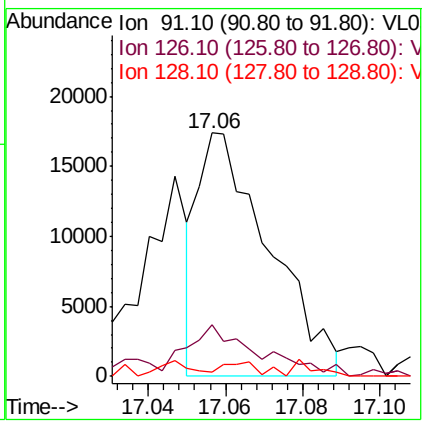


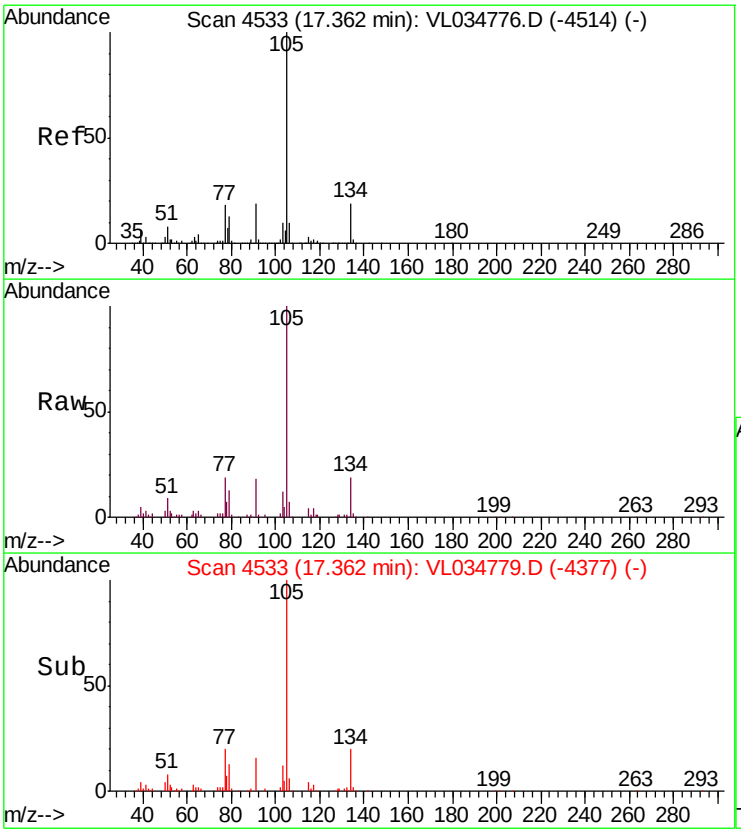
#66
Benzyl Chloride
Concen: 0.211 ppbv
RT: 17.06 min Scan# 4438
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 22146

Ion	Ratio	Lower	Upper
91	100		
126	30.1	12.6	18.8#
128	8.8	4.3	6.5#

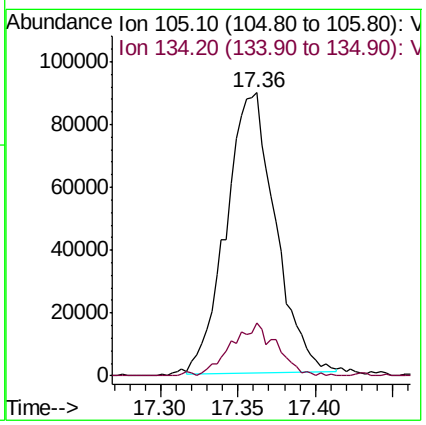


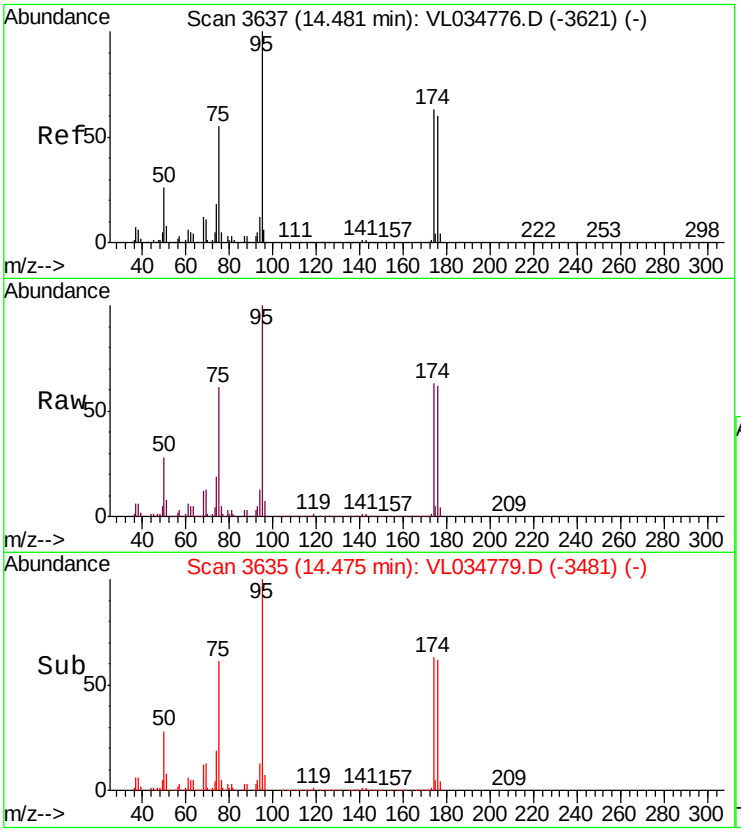


#67
sec-Butylbenzene
Concen: 0.474 ppbv
RT: 17.36 min Scan# 4533
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:105 Resp: 197778

Ion	Ratio	Lower	Upper
105	100		
134	17.6	14.7	22.1



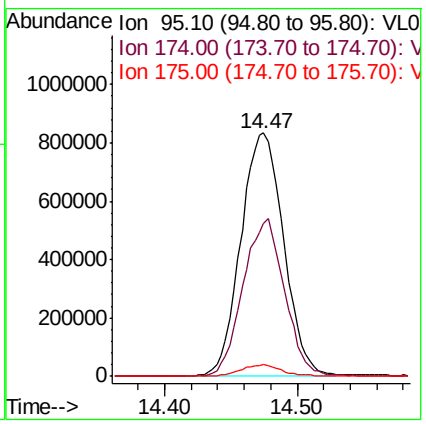


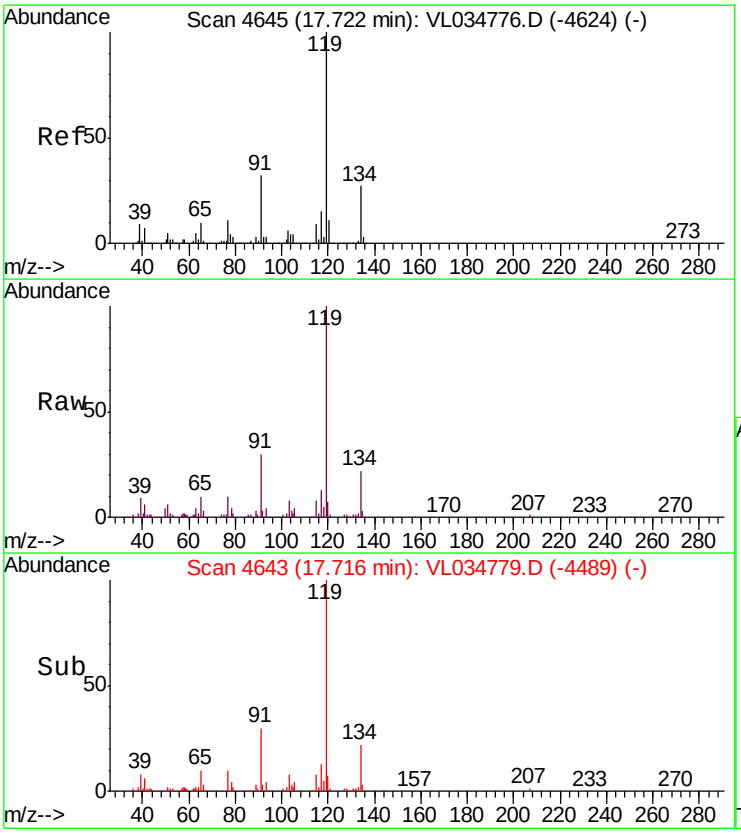
#68
1-Bromo-4-Fluorobenzene
Concen: 10.493 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 95 Resp: 1875021

Ion	Ratio	Lower	Upper
95	100		
174	63.0	50.6	76.0
175	4.6	3.8	5.6

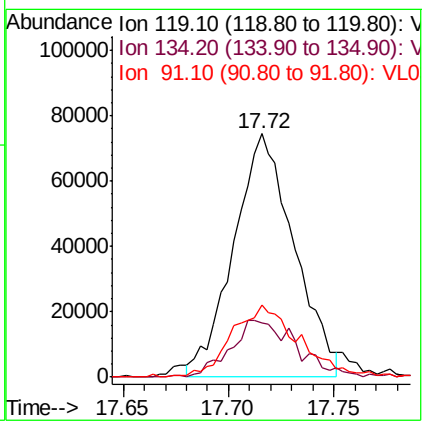


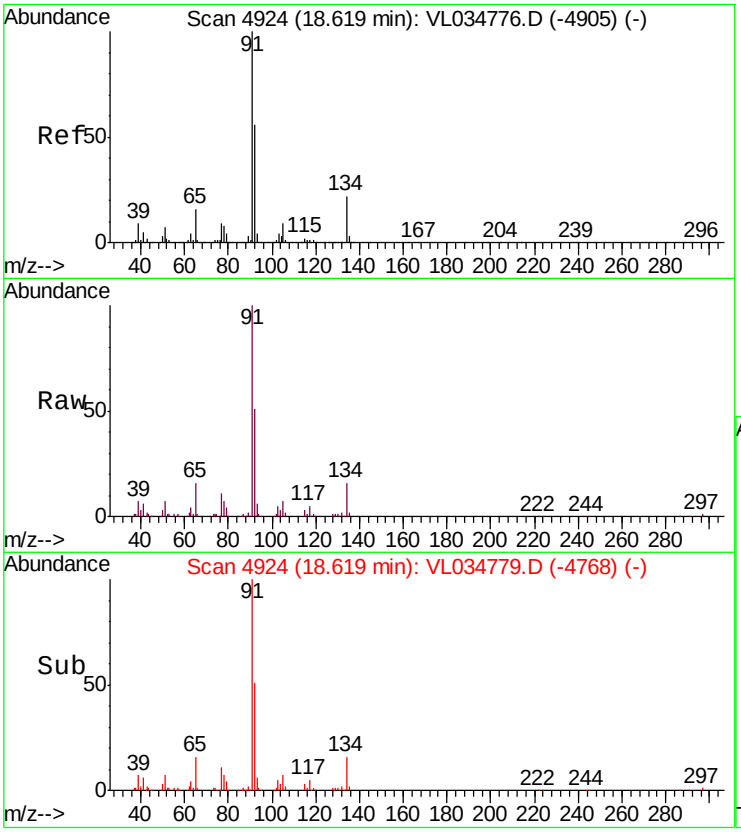


#69
p-Isopropyltoluene
Concen: 0.430 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:119 Resp: 147776

Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.6	30.8
91	33.3	25.3	37.9



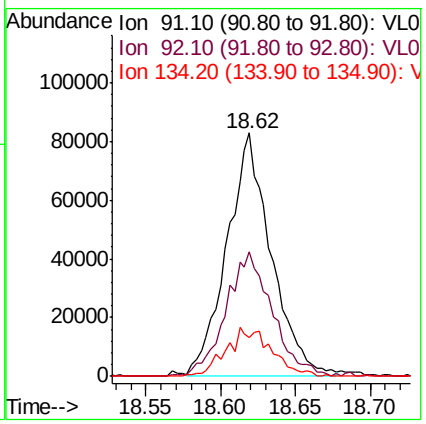


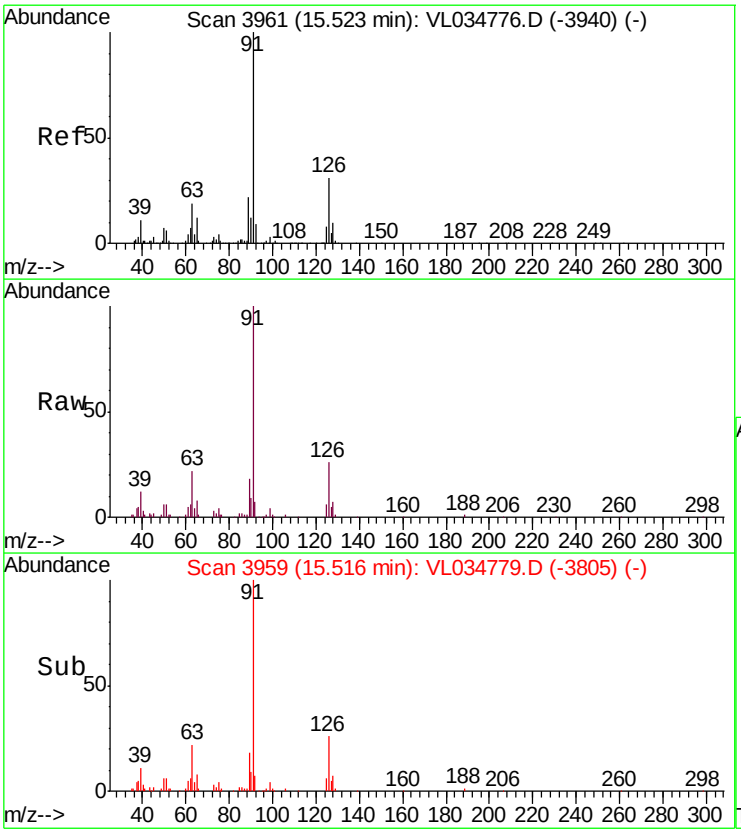
#70
n-Butylbenzene
Concen: 0.456 ppbv
RT: 18.62 min Scan# 4924
Delta R.T. -0.00 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 170876

Ion	Ratio	Lower	Upper
91	100		
92	53.6	44.0	66.0
134	20.6	17.7	26.5

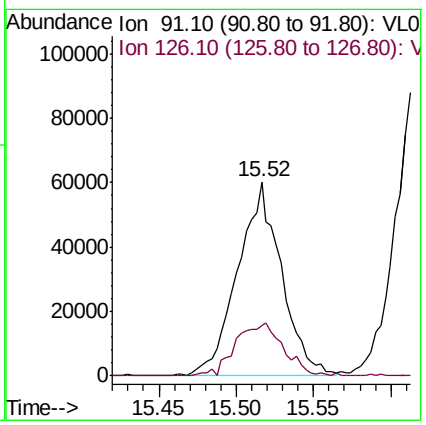


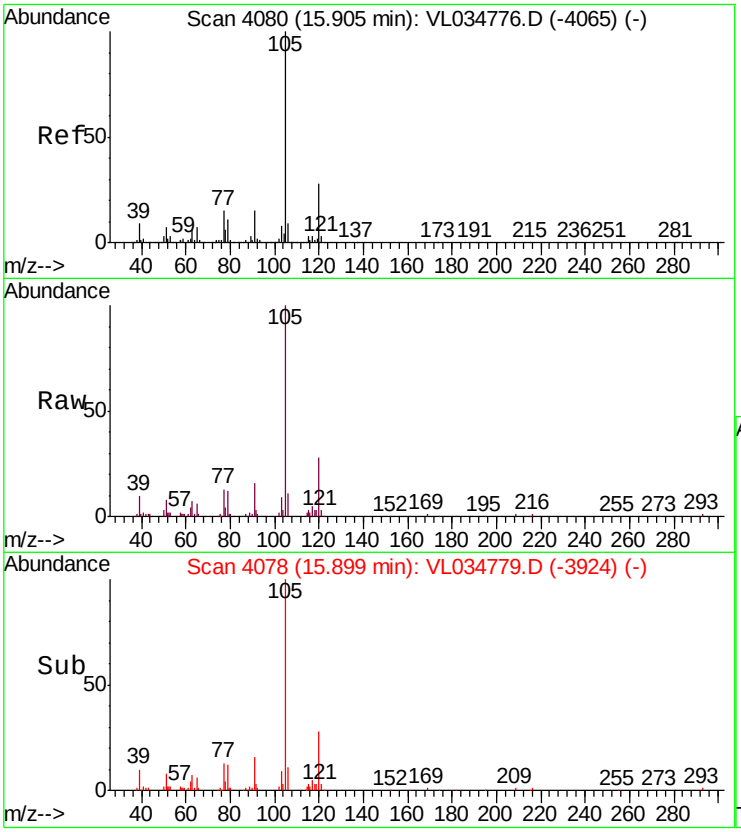


#71
2-Chlorotoluene
Concen: 0.448 ppbv
RT: 15.52 min Scan# 3959
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion: 91 Resp: 116294

Ion	Ratio	Lower	Upper
91	100		
126	30.7	11.7	46.7



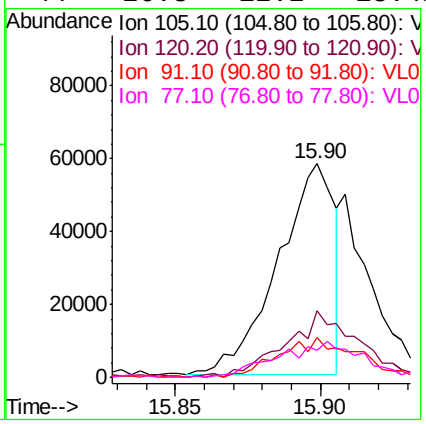


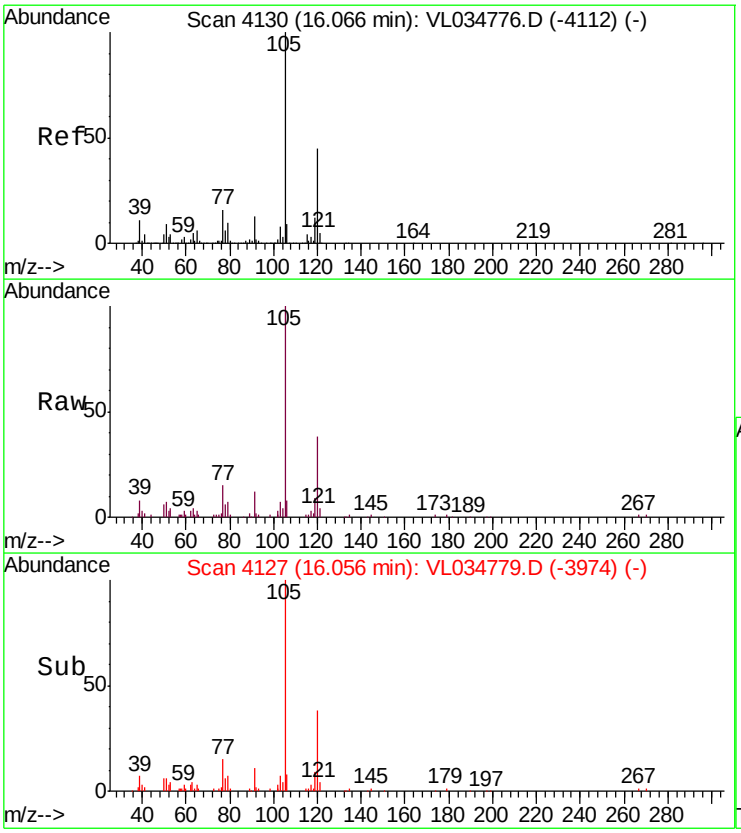
#72
4-Ethyltoluene
Concen: 0.307 ppbv
RT: 15.90 min Scan# 4078
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:105 Resp: 78574

Ion	Ratio	Lower	Upper
105	100		
120	40.9	23.0	34.6#
91	26.6	11.1	16.7#
77	26.3	12.2	18.4#

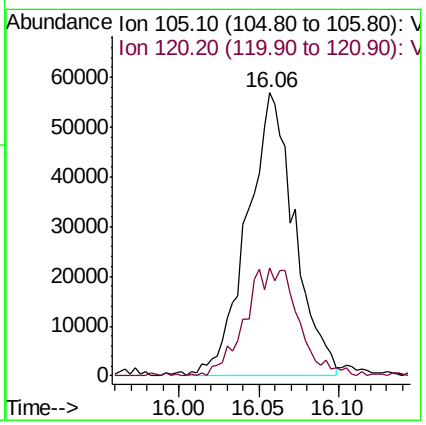


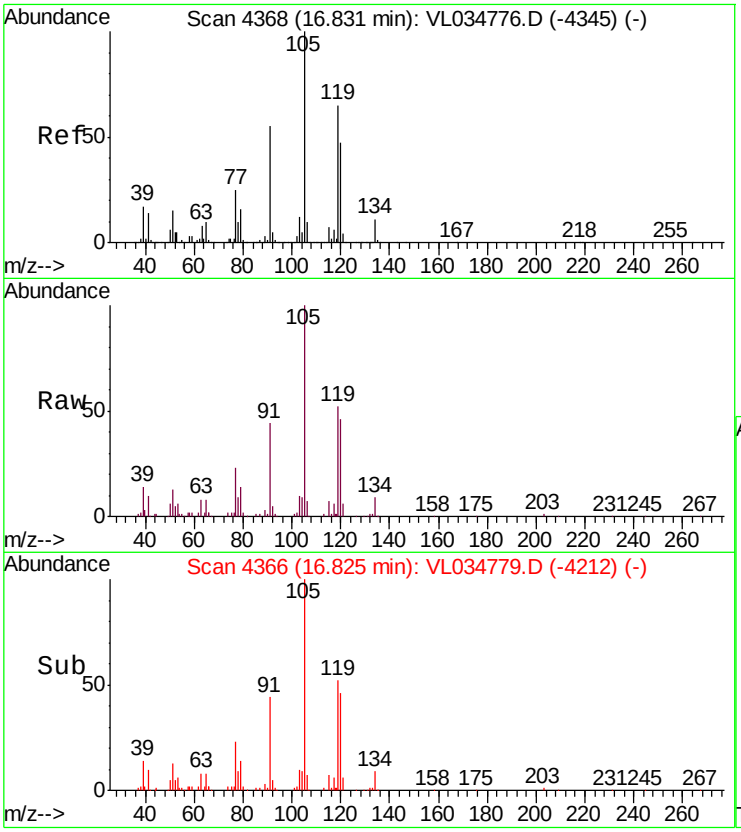


#73
1,3,5-Trimethylbenzene
Concen: 0.473 ppbv
RT: 16.06 min Scan# 4127
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:105 Resp: 116407

Ion	Ratio	Lower	Upper
105	100		
120	38.2	35.6	53.4



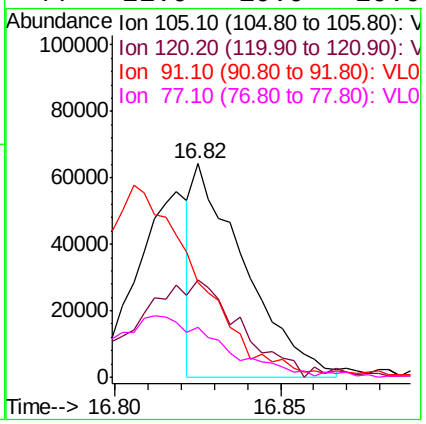


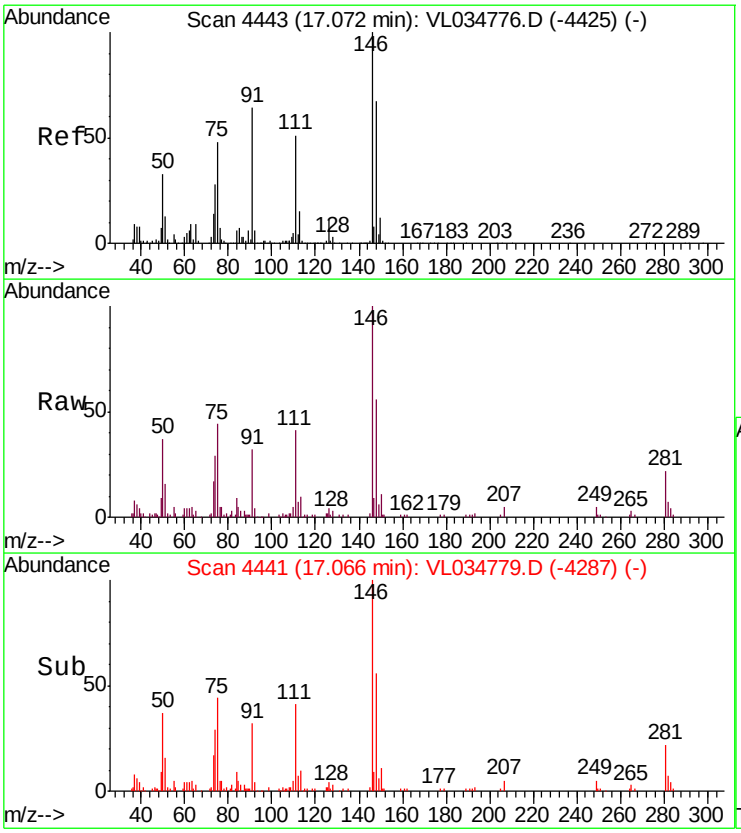
#74
1,2,4-Trimethylbenzene
Concen: 0.255 ppbv
RT: 16.82 min Scan# 4366
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 69420

Ion	Ratio	Lower	Upper
105	100		
120	42.0	37.8	56.6
91	43.0	43.8	65.8#
77	21.9	19.9	29.9

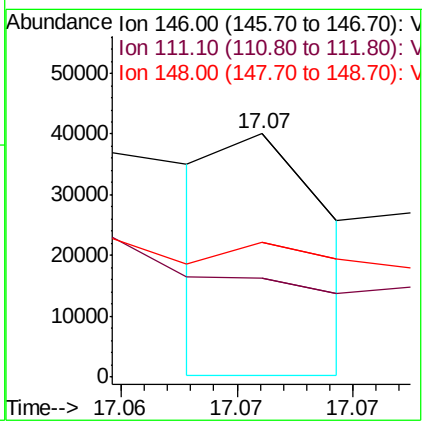


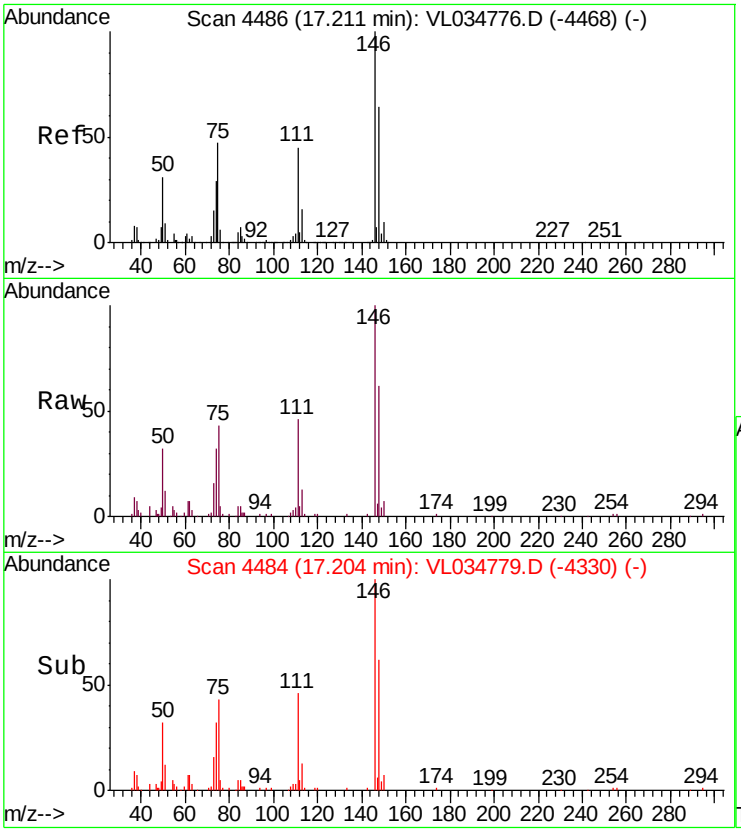


#75
1,3-Dichlorobenzene
Concen: 0.080 ppbv
RT: 17.07 min Scan# 4441
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:146 Resp: 12576

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.7	74.1#
148	0.0	31.8	95.4#



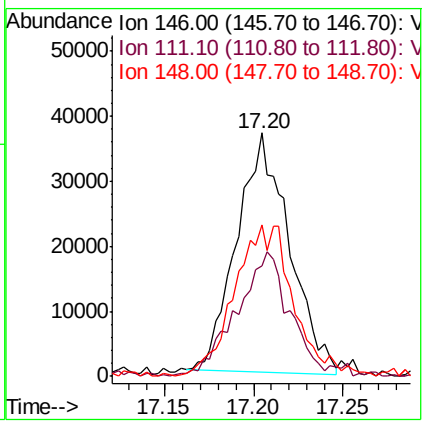


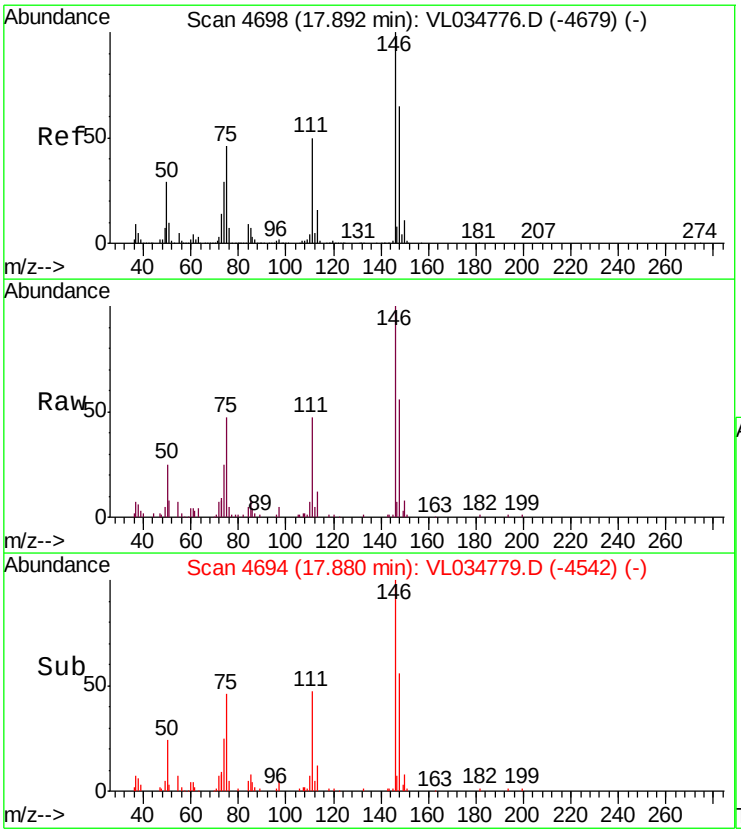
#76
1,4-Dichlorobenzene
Concen: 0.481 ppbv
RT: 17.20 min Scan# 4484
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 75487

Ion	Ratio	Lower	Upper
146	100		
111	54.5	23.5	70.5
148	72.3	32.2	96.6

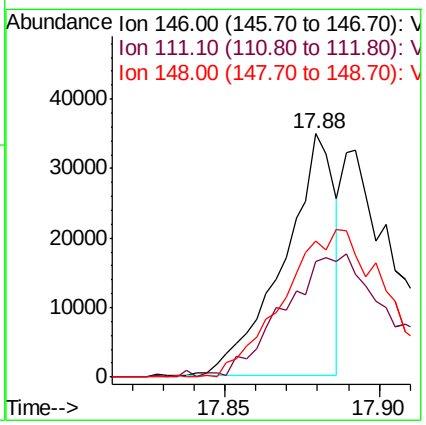


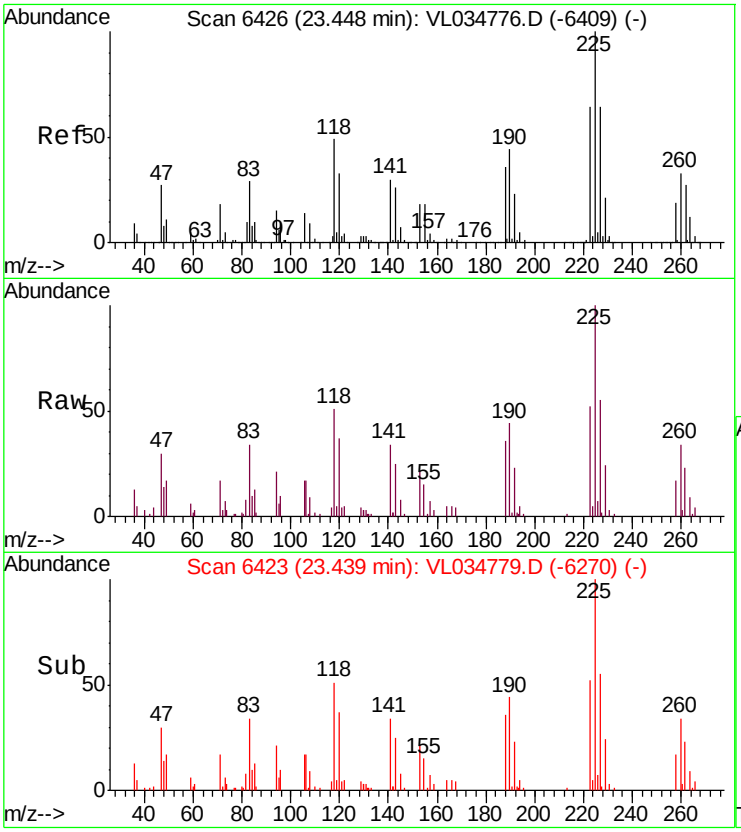


#77
1,2-Dichlorobenzene
Concen: 0.262 ppbv
RT: 17.88 min Scan# 4694
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:146 Resp: 39824

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.3	75.8#
148	0.0	32.3	96.9#



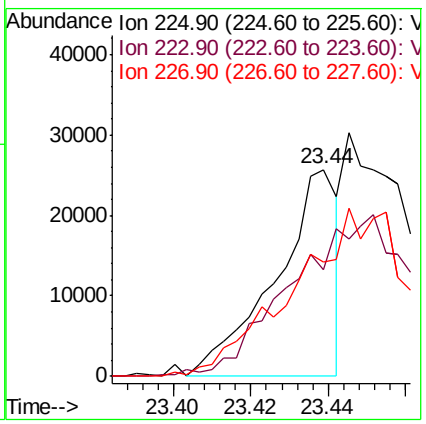


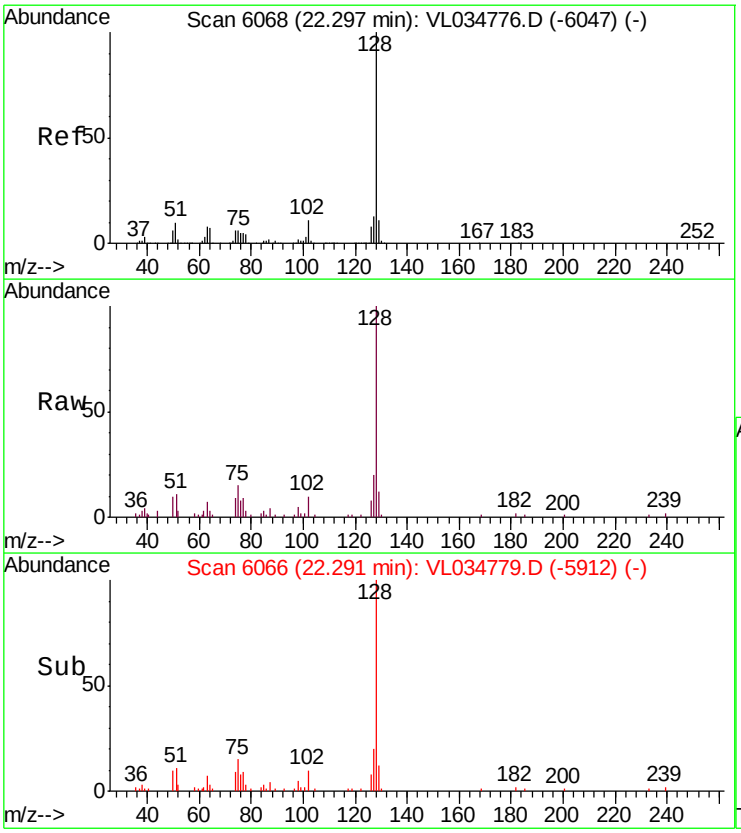
#78
Hexachloro-1,3-Butadiene
Concen: 0.218 ppbv
RT: 23.44 min Scan# 6423
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:225 Resp: 28454

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.3	76.9#
227	0.0	51.9	77.9#

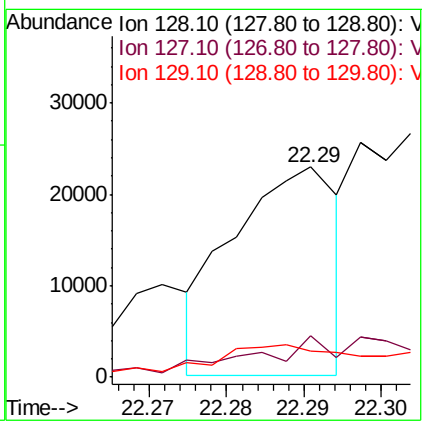


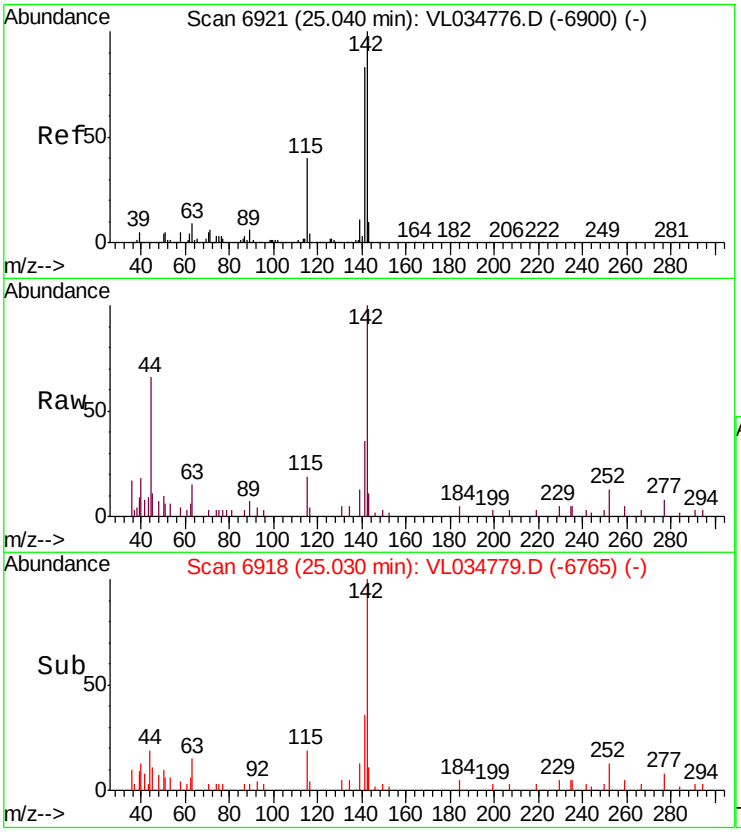


#79
Naphthalene
Concen: 0.090 ppbv
RT: 22.29 min Scan# 6066
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:128 Resp: 21603

Ion	Ratio	Lower	Upper
128	100		
127	19.7	10.2	15.4#
129	9.6	9.0	13.6



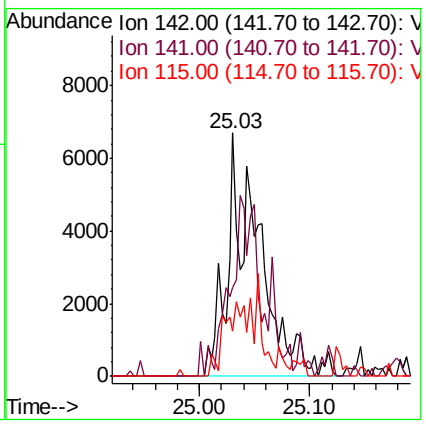


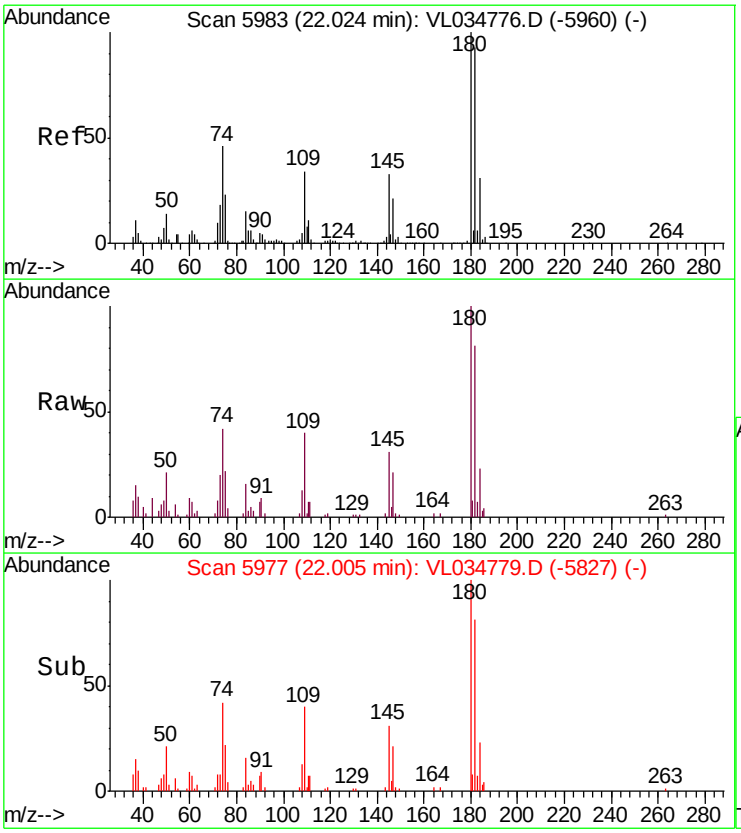
#80
Naphthalene,2-methyl-
Concen: 0.181 ppbv
RT: 25.03 min Scan# 6918
Delta R.T. -0.01 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:142 Resp: 13428

Ion	Ratio	Lower	Upper
142	100		
141	81.4	67.7	101.5
115	37.7	30.7	46.1





#81
1,2,4-Trichlorobenzene
Concen: 0.075 ppbv
RT: 22.00 min Scan# 5977
Delta R.T. -0.02 min
Lab File: VL034779.D
Acq: 4 Mar 2020 3:19

Tgt Ion:180 Resp: 10773

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
184	0.0	24.8	37.2#