Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080520\

Quantitation Report (Not Reviewed)

Data File : VL035336.D
Acq On : 5 Aug 2020 10:36
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 05 11:06:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 09:32:28 2020
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1346301	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3459506	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	3110142	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2742468	10.53	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	128759	0.731	ppbv		89
3) Chlorodifluoromethane	2.94	51	85362	0.552	ppbv		95
4) Chloromethane	3.10	50	49080	0.556	ppbv		97
5) Vinyl Chloride	3.21	62	43724	0.508	ppbv		90
6) Bromomethane	3.43	94	14899	0.263	ppbv		89
7) Chloroethane	3.52	64	18406	0.538	ppbv		90
8) Dichlorotetrafluoroethane	3.14	85	121480	0.572	ppbv		99
9) Propene	2.96	41	27280	0.488	ppbv		94
10) Heptane	8.13	43	52795	0.368	ppbv		92
11) Trichlorofluoromethane	3.92	101	72760	0.316	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.45	101	60204	0.375	ppbv	#	12
13) Ethanol	3.57	45	7833	0.379	ppbv	#	51
14) Bromoethene	3.70	108	34405	0.521	ppbv	#	93
15) Acetone	3.82	43	116620	0.599	ppbv		95
16) 1,3-Butadiene	3.29	39	35498	0.489	ppbv		89
17) tert-Butyl alcohol	4.27	59	93223	0.526	ppbv		99
18) 1,1-Dichloroethene	4.26	96	37563	0.520	ppbv		96
19) Isopropyl Alcohol	3.94	45	65305	0.534	ppbv	#	90
20) Methylene Chloride	4.31	84	45776	0.515	ppbv	#	93
21) Allyl Chloride	4.38	41	56197	0.510	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	35725	0.499	ppbv	#	87
23) Vinyl Acetate	5.06	43	78894	0.409	ppbv	#	94
24) 1,1-Dichloroethane	4.99	63	90902	0.506	ppbv		98
25) Ethyl Acetate	5.67	43	143669	0.488	ppbv		97
26) Hexane	5.67	57	59785	0.454	ppbv		87
27) Carbon Disulfide	4.52	76	86781	0.490	ppbv	#	83
28) Methyl tert-Butyl Ether	5.02	73	81696	0.413	ppbv		99
29) Chloroform	5.74	83	117317	0.526	ppbv		99
30) Cyclohexane	7.13	84	17764	0.180	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	43630	0.359	ppbv		97
32) 1,1,1-Trichloroethane	6.50	97	111919	0.519	ppbv		99
34) 2-Butanone	5.23	43	72167	0.396	ppbv		100
35) Carbon Tetrachloride	7.02	117	114614	0.512	ppbv	#	91
36) Benzene	6.89	78	98167	0.387	ppbv		99
37) 1,2-Dichloroethane	6.30	62	85333	0.497	ppbv		100
38) Trichloroethene	7.83	130	21084	0.226	ppbv	#	72
39) 1,2-Dichloropropane	7.62	63	42706	0.427	ppbv	#	86
42) Bromodichloromethane	7.79	83	103075	0.440	ppbv		95
43) Methyl Methacrylate	8.02	69	20966	0.198	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.86	57	65508	0.151	ppbv	#	41
45) t-1,3-Dichloropropene	9.29	75	23641	0.209	ppbv		90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080520\

Quantitation Report (Not Reviewed)

Data File : VL035336.D
Acq On : 5 Aug 2020 10:36
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 05 11:06:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 09:32:28 2020
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.71	75	26116	0.193	ppbv		95
47) 1,1,2-Trichloroethane	9.49	97	20976	0.181	ppbv		94
48) Dibromochloromethane	10.32	129	81971	0.434	ppbv		100
49) Bromoform	13.05	173	14072	0.086	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.76	43	65975	0.256	ppbv	#	38
51) 2-Hexanone	10.17	43	61145	0.307	ppbv	#	99
52) Tetrachloroethene	11.24	164	23890	0.267	ppbv		89
53) Toluene	9.82	91	56606	0.212	ppbv	#	70
54) 1,2-Dibromoethane	10.64	107	26867	0.156	ppbv		95
56) 1,1,1,2-Tetrachloroethane	12.16	131	34621	0.237	ppbv	#	1
57) Chlorobenzene	12.17	112	125066	0.525	ppbv		96
58) Ethyl Benzene	13.02	91	111113	0.326	ppbv		90
59) m/p-Xylene	13.02	91	111113	0.353	ppbv	#	30
60) o-Xylene	13.72	91	63496	0.204	ppbv	#	46
61) Styrene	13.55	104	12409	0.065	ppbv	#	27
62) Isopropylbenzene	14.70	105	193560	0.413	ppbv		94
63) 1,1,2,2-Tetrachloroethane	13.71	83	129969	0.533	ppbv		99
64) n-propylbenzene	15.59	120	19123	0.156	ppbv	#	1
65) tert-Butylbenzene	16.78	119	170895	0.407	ppbv		93
66) Benzyl Chloride	17.02	91	59955	0.369	ppbv		98
67) sec-Butylbenzene	17.33	105	245110	0.413	ppbv		98
69) p-Isopropyltoluene	17.69	119	94756	0.193	ppbv	#	46
70) n-Butylbenzene	18.59	91	213840	0.405	ppbv		90
71) 2-Chlorotoluene	15.48	91	124627	0.356	ppbv		100
72) 4-Ethyltoluene	15.87	105	125550	0.358	ppbv	#	95
73) 1,3,5-Trimethylbenzene	16.04	105	121159	0.353	ppbv		93
74) 1,2,4-Trimethylbenzene	16.79	105	76456	0.194	ppbv	#	83
75) 1,3-Dichlorobenzene	17.03	146	71530	0.292	ppbv	#	22
76) 1,4-Dichlorobenzene	17.18	146	68405	0.295	ppbv	#	31
77) 1,2-Dichlorobenzene	17.84	146	39484	0.175	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.43	225	89970	0.490	ppbv		90
79) Naphthalene	22.27	128	34845	0.112	ppbv		96
80) Naphthalene,2-methyl-	25.01	142	5507	0.060	ppbv		85
81) 1,2,4-Trichlorobenzene	21.97	180	18043	0.095	ppbv	#	12

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

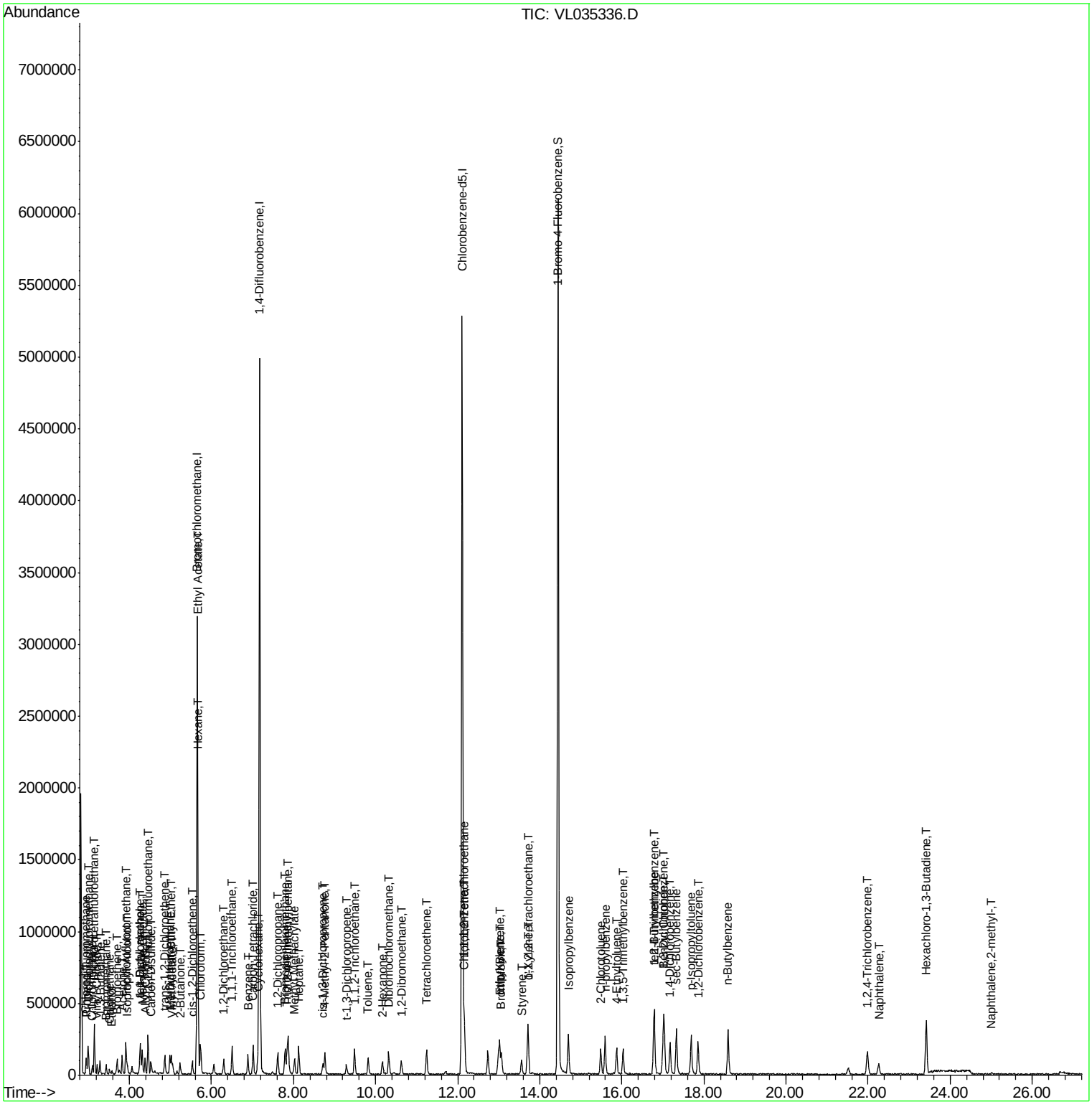
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080520\

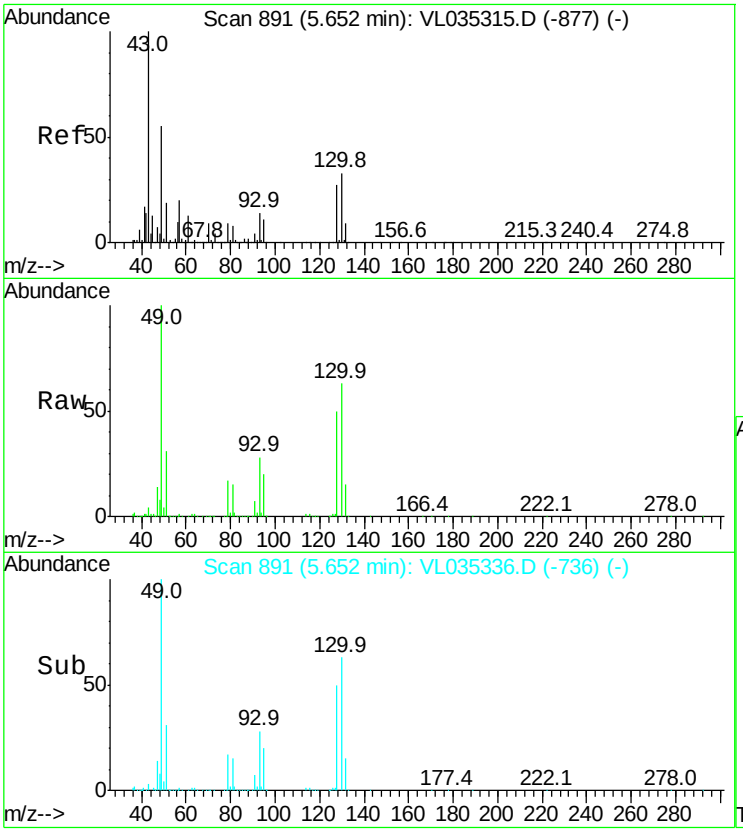
Quantitation Report (Not Reviewed)

Data File : VL035336.D
Acq On : 5 Aug 2020 10:36
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 05 11:06:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 09:32:28 2020
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration



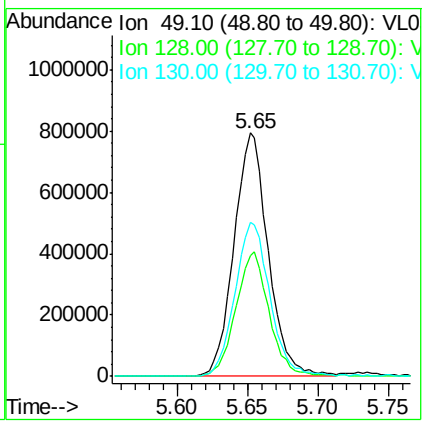


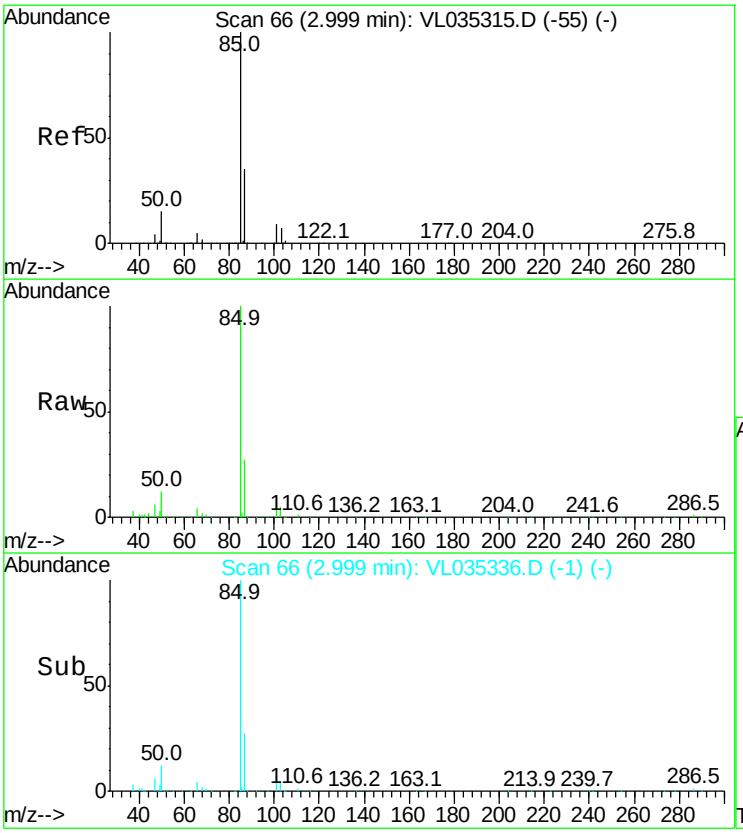
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1346301

Ion	Ratio	Lower	Upper
49	100		
128	50.4	25.4	76.0
130	65.1	32.1	96.3

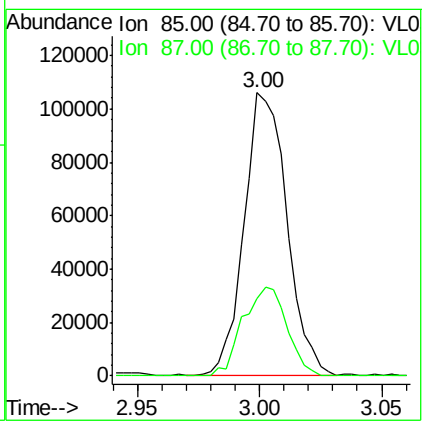


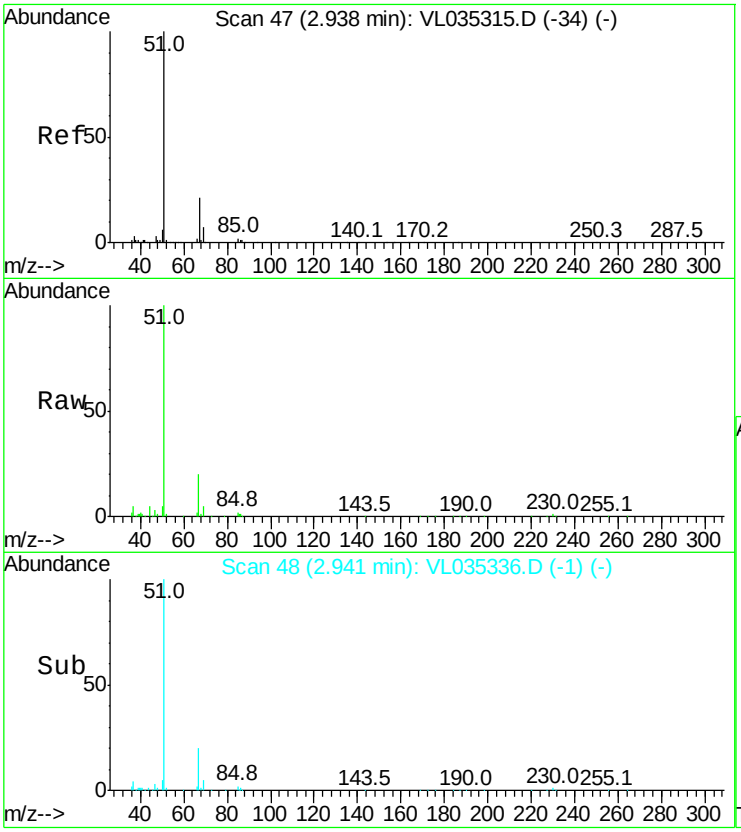


#2
Dichlorodifluoromethane
Concen: 0.731 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 85 Resp: 128759

Ion	Ratio	Lower	Upper
85	100		
87	27.2	26.7	40.1



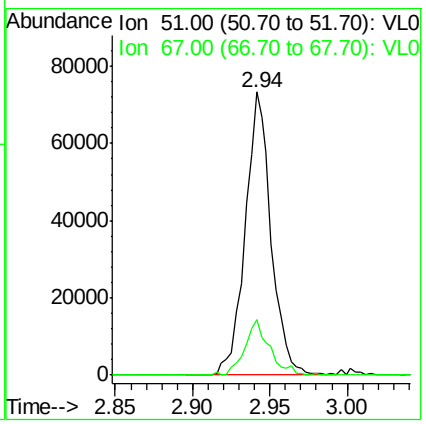


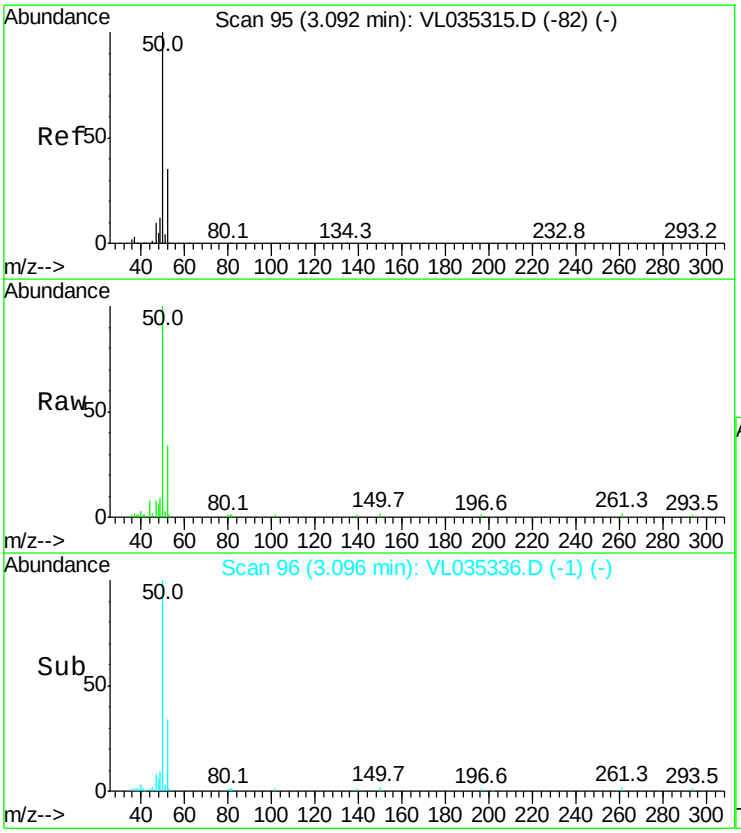
#3
Chlorodifluoromethane
Concen: 0.552 ppbv
RT: 2.94 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 85362

Ion	Ratio	Lower	Upper
51	100		
67	18.6	16.6	25.0

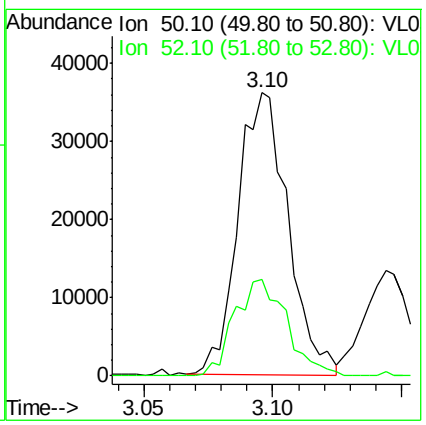


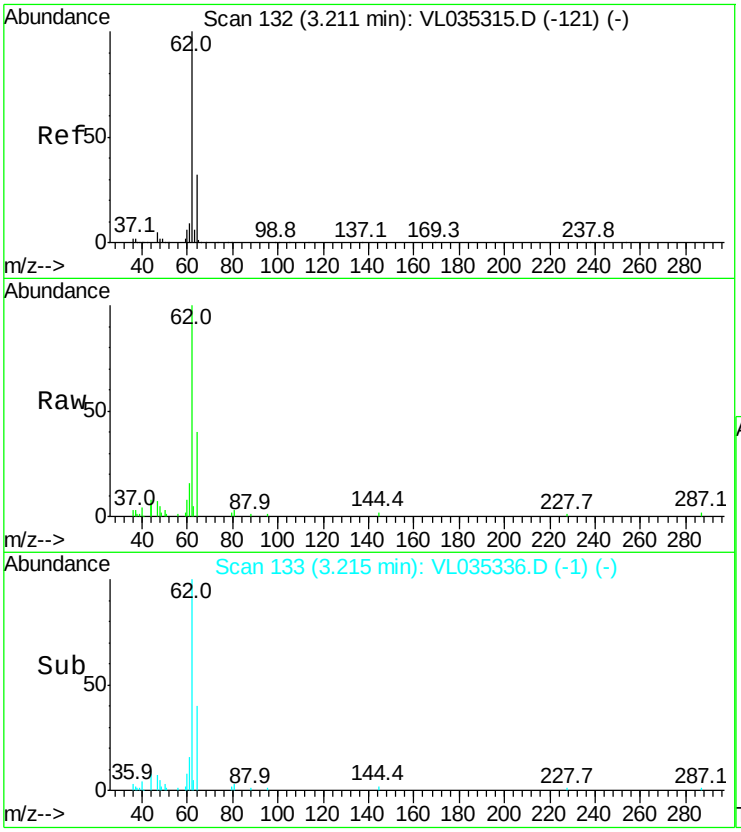


#4
Chloromethane
Concen: 0.556 ppbv
RT: 3.10 min Scan# 96
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 50 Resp: 49080

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.0	39.0



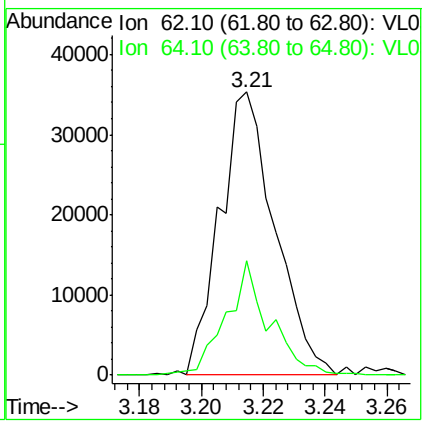


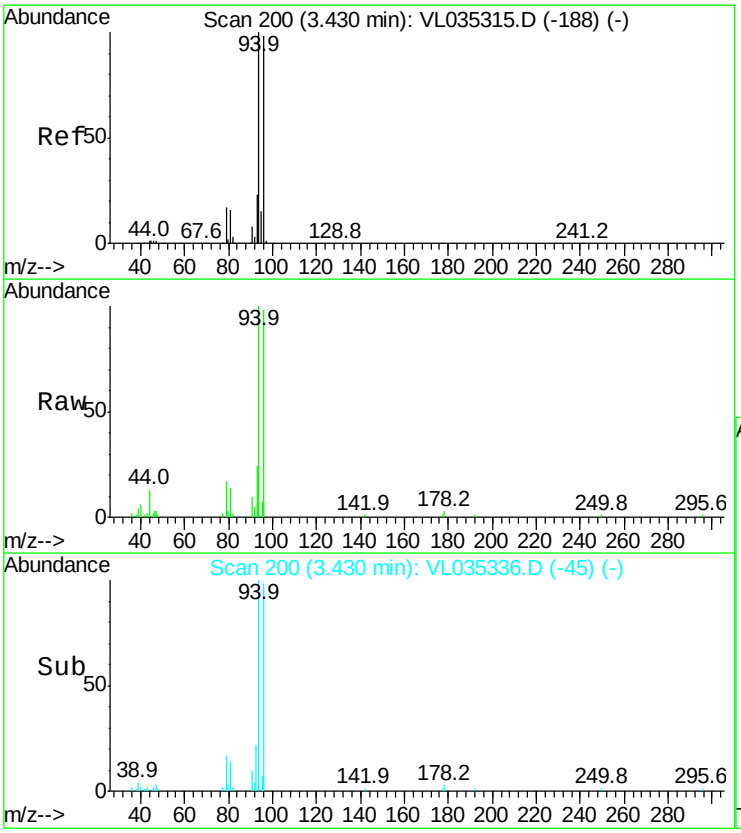
#5
Vinyl Chloride
Concen: 0.508 ppbv
RT: 3.21 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 43724

Ion	Ratio	Lower	Upper
62	100		
64	37.7	25.8	38.6

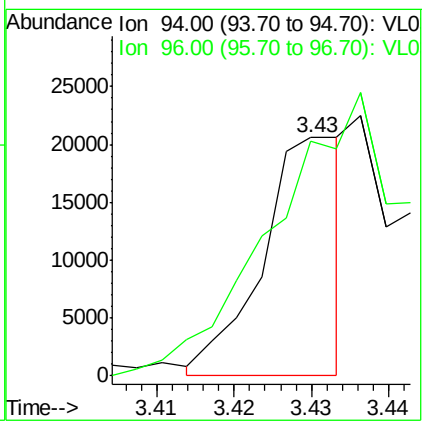


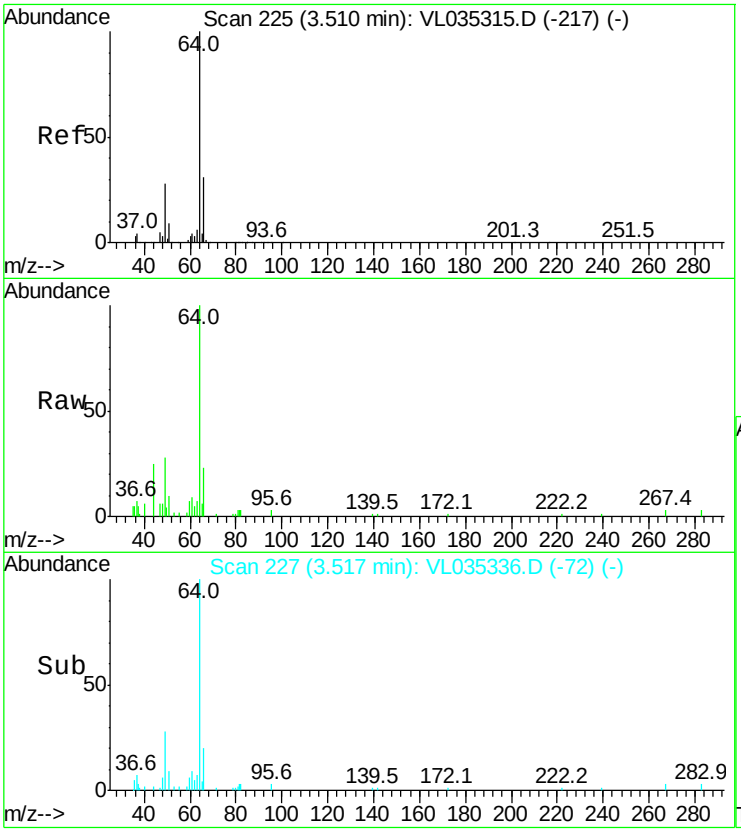


#6
Bromomethane
Concen: 0.263 ppbv
RT: 3.43 min Scan# 200
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 94 Resp: 14899

Ion	Ratio	Lower	Upper
94	100		
96	86.1	77.3	115.9



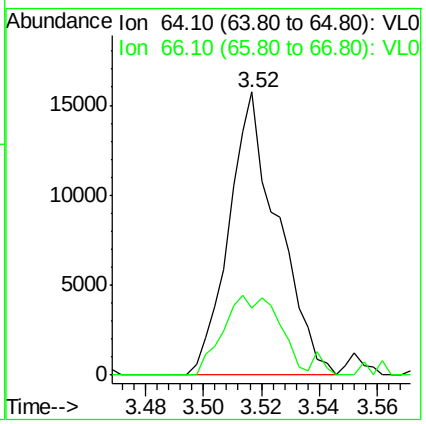


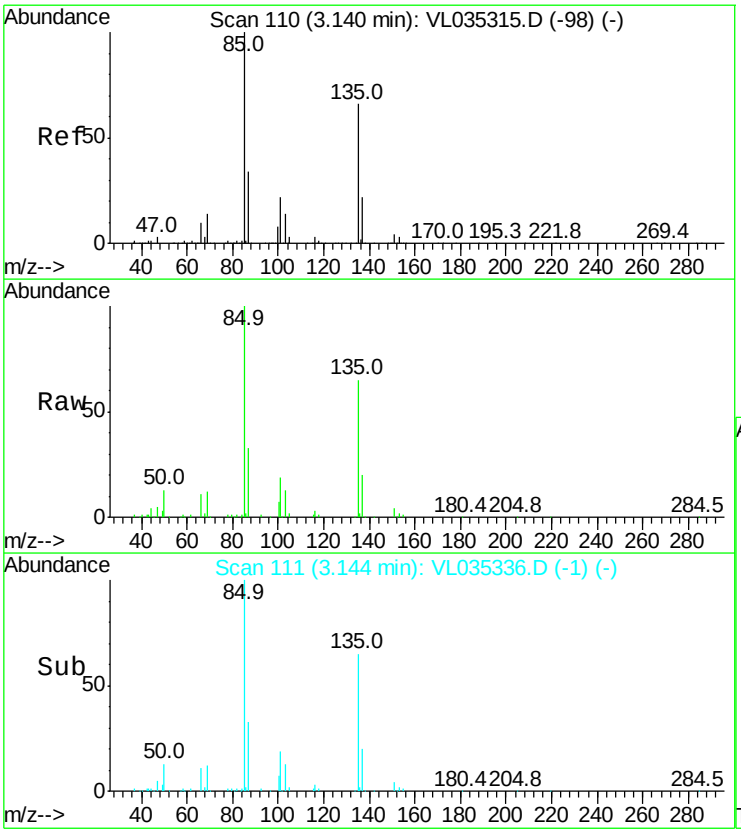
#7
Chloroethane
Concen: 0.538 ppbv
RT: 3.52 min Scan# 227
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 18406

Ion	Ratio	Lower	Upper
64	100		
66	23.5	23.0	34.6

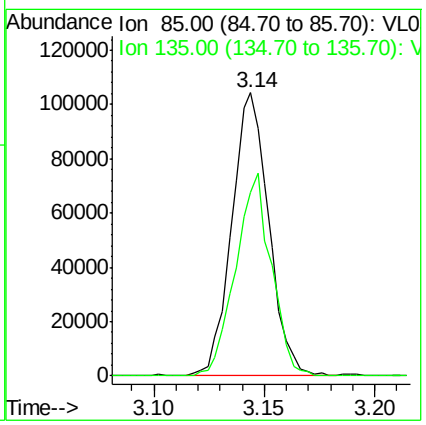


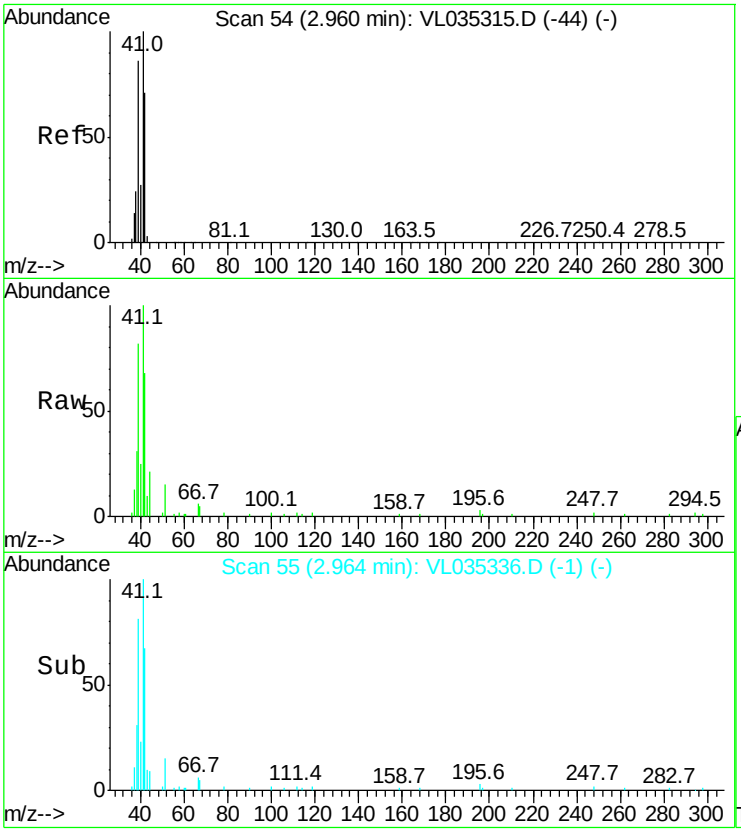


#8
Dichlorotetrafluoroethane
Concen: 0.572 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 85 Resp: 121480

Ion	Ratio	Lower	Upper
85	100		
135	69.2	54.5	81.7



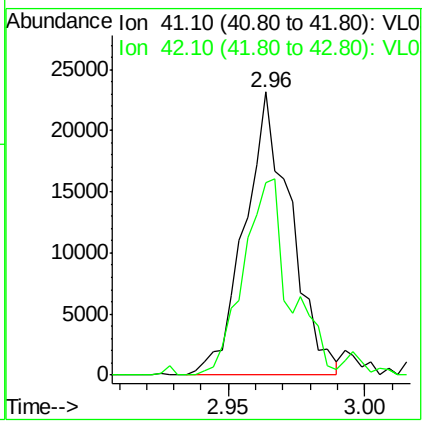


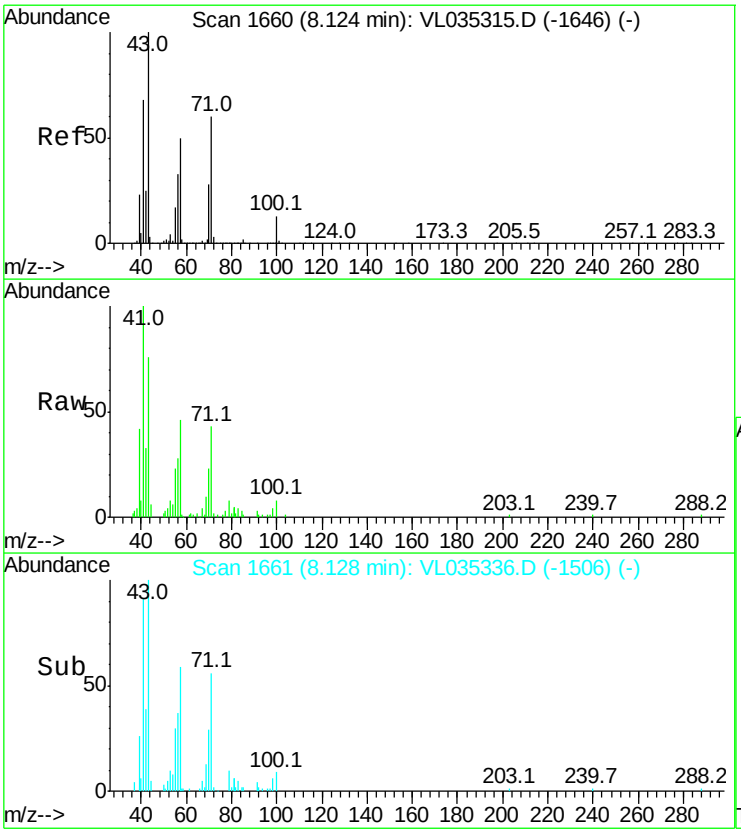
#9
Propene
Concen: 0.488 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 27280

Ion	Ratio	Lower	Upper
41	100		
42	74.3	55.3	82.9

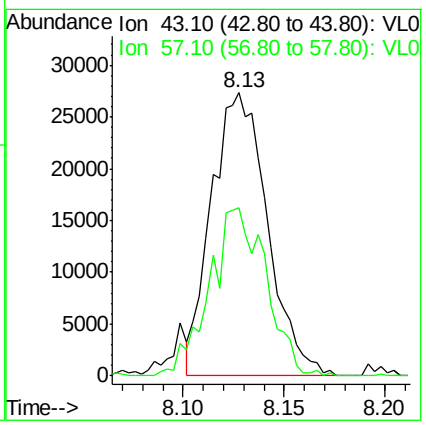


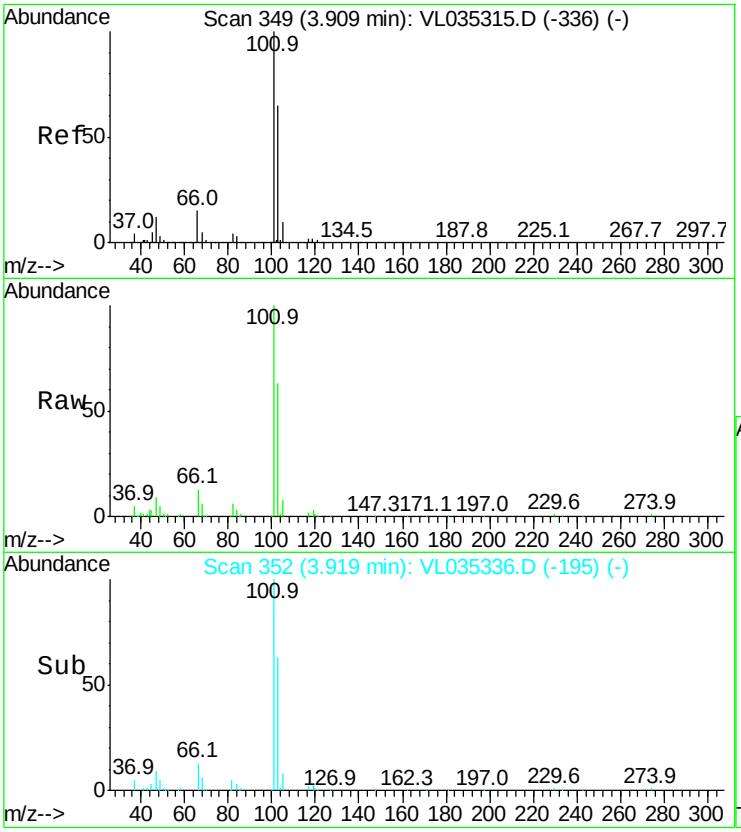


#10
Heptane
Concen: 0.368 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 43 Resp: 52795

Ion	Ratio	Lower	Upper
43	100		
57	59.7	43.0	64.6



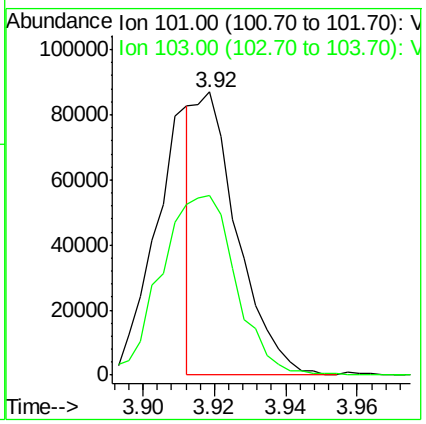


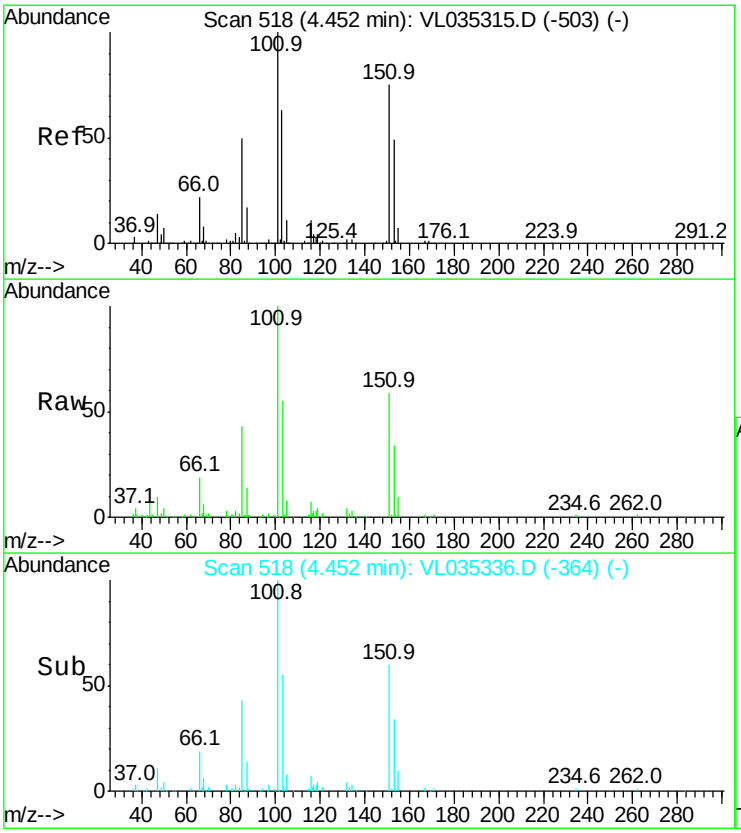
#11
Trichlorofluoromethane
Concen: 0.316 ppbv
RT: 3.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 72760

Ion	Ratio	Lower	Upper
101	100		
103	62.6	53.8	80.8

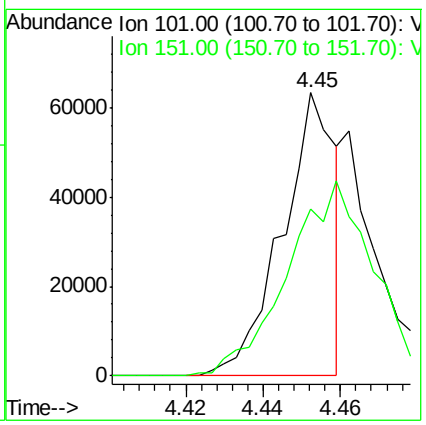


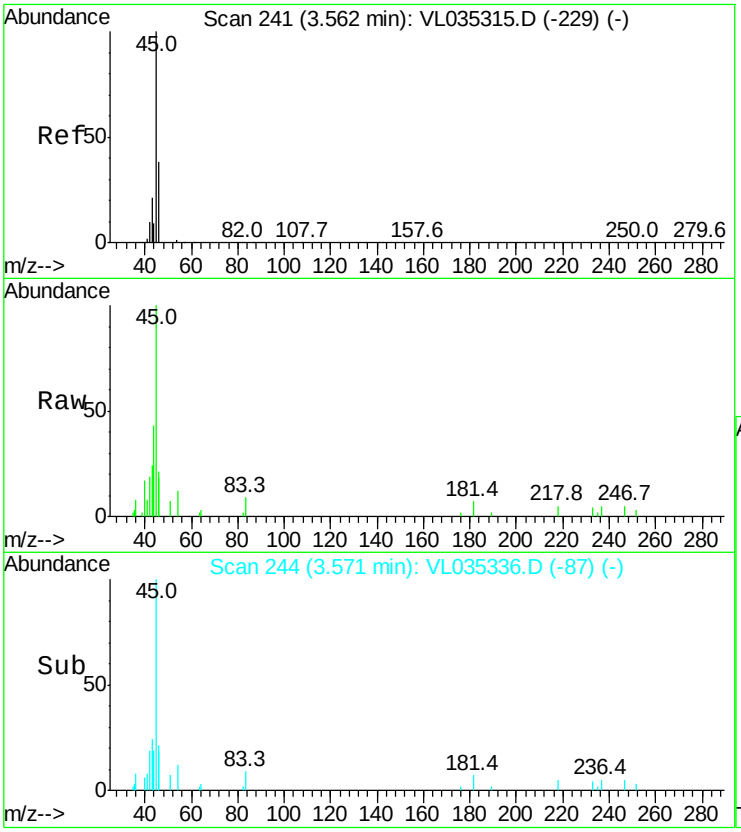


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.375 ppbv
RT: 4.45 min Scan# 518
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:101 Resp: 60204

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.5	89.3#



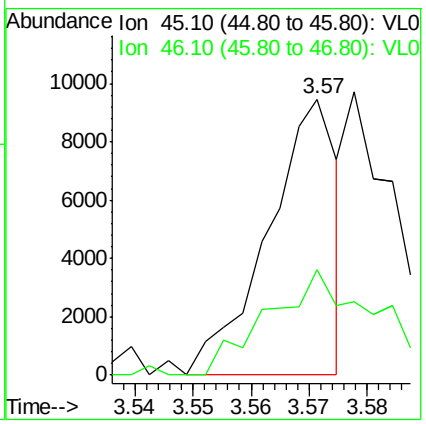


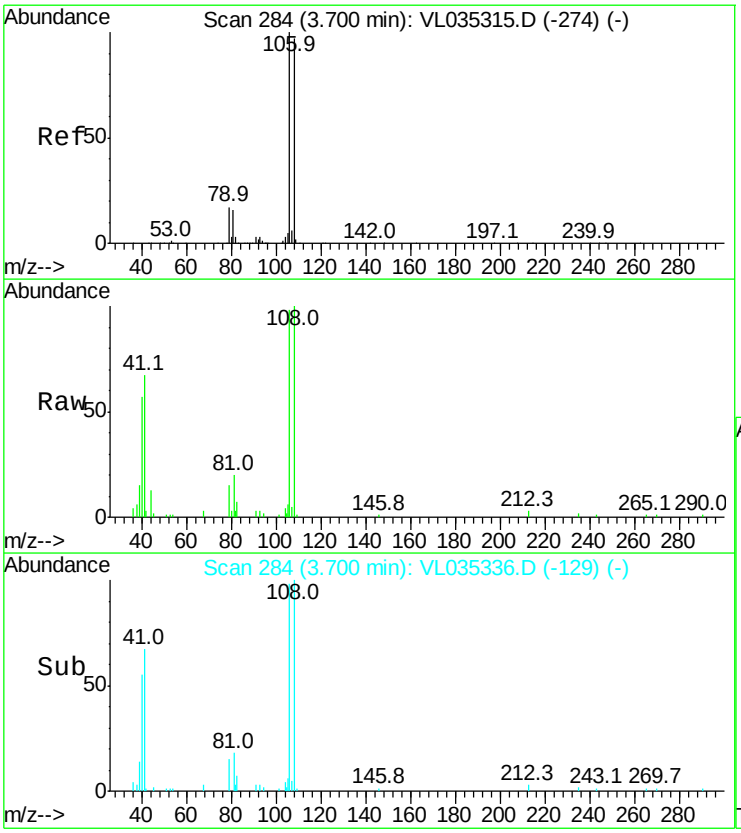
#13
Ethanol
Concen: 0.379 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 7833

Ion	Ratio	Lower	Upper
45	100		
46	67.6	15.2	61.0#

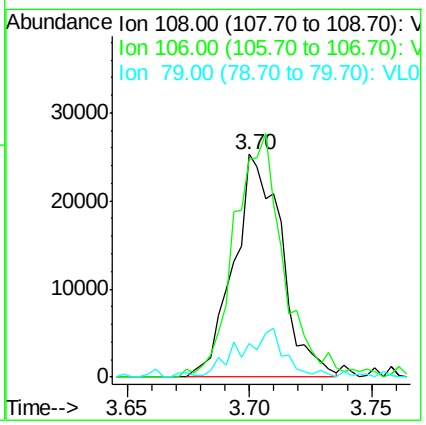


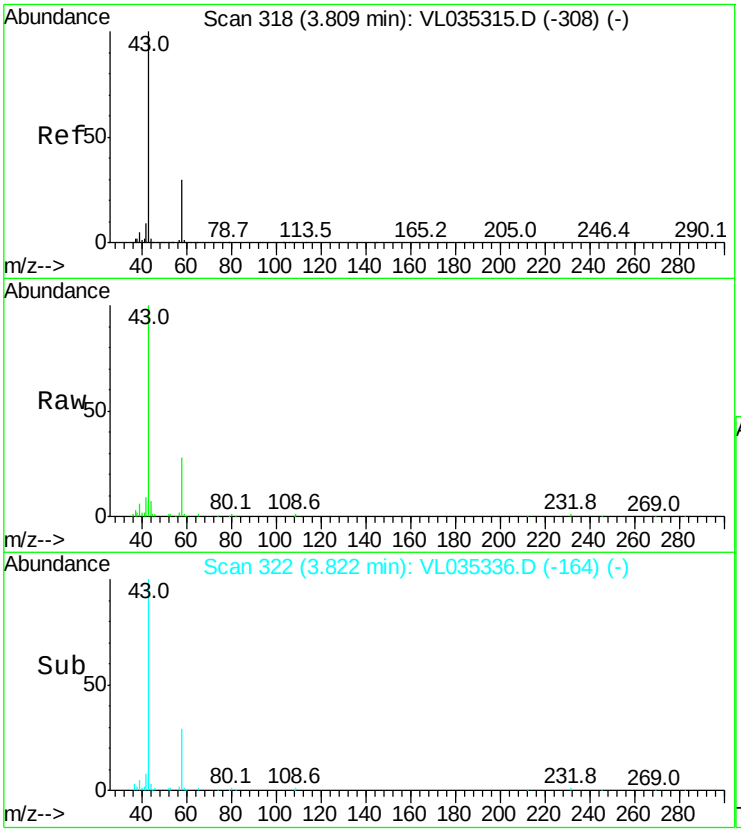


#14
Bromoethene
Concen: 0.521 ppbv
RT: 3.70 min Scan# 284
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:108 Resp: 34405

Ion	Ratio	Lower	Upper
108	100		
106	112.8	85.0	127.6
79	22.6	15.0	22.6#



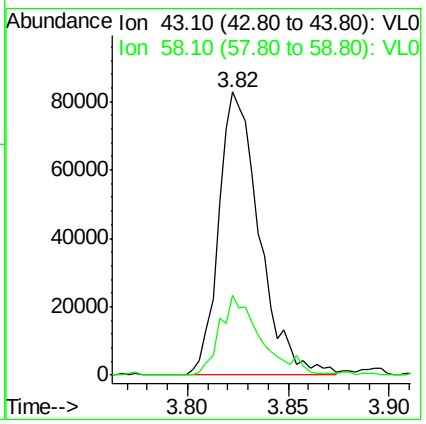


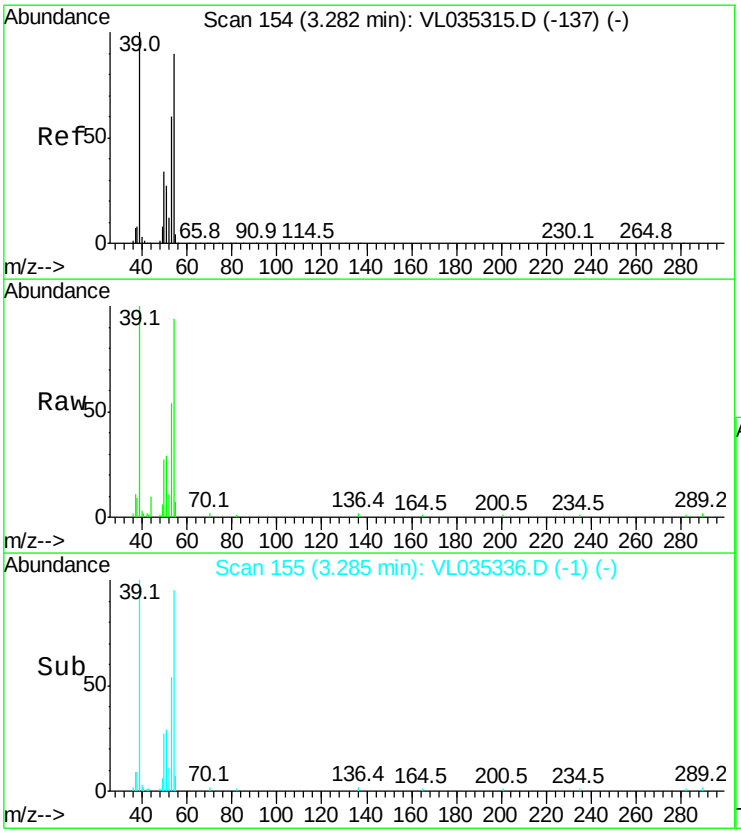
#15
Acetone
Concen: 0.599 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 116620

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.0	31.4

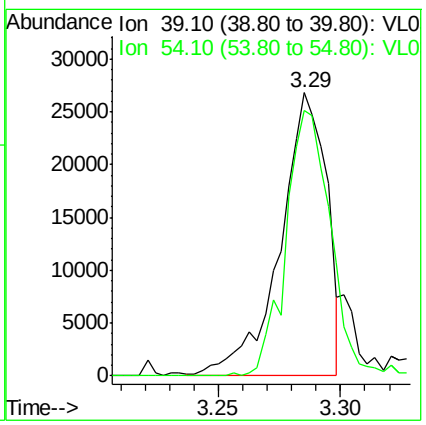


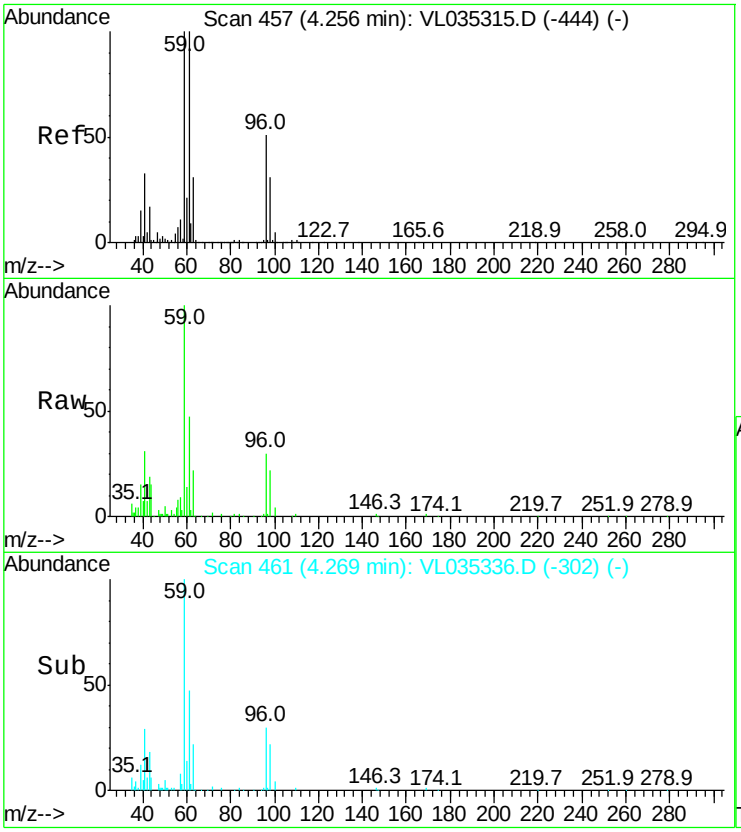


#16
1,3-Butadiene
Concen: 0.489 ppbv
RT: 3.29 min Scan# 155
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 39 Resp: 35498

Ion	Ratio	Lower	Upper
39	100		
54	90.1	64.4	96.6



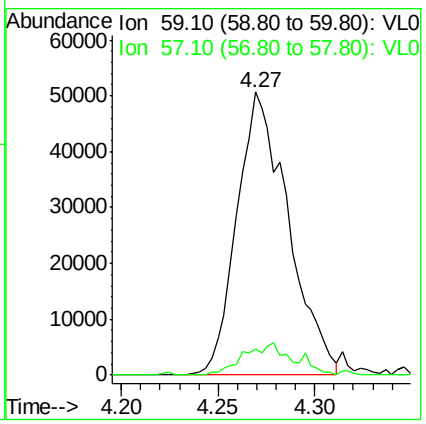


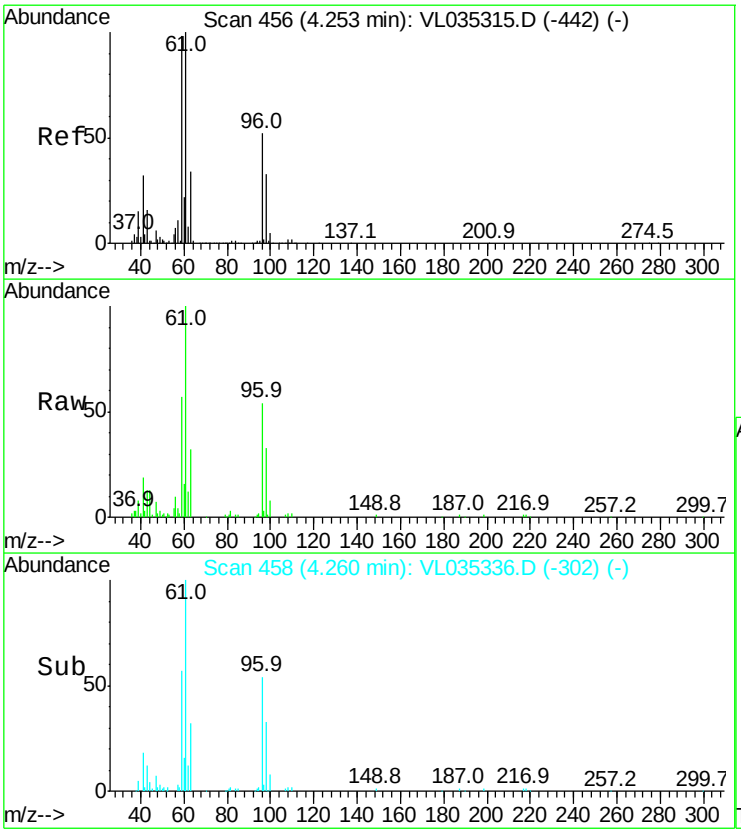
#17
tert-Butyl alcohol
Concen: 0.526 ppbv
RT: 4.27 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 93223

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.8	13.2

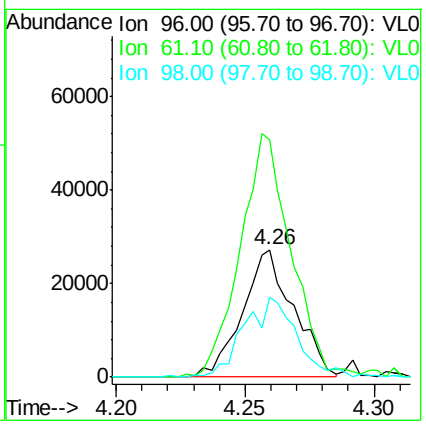


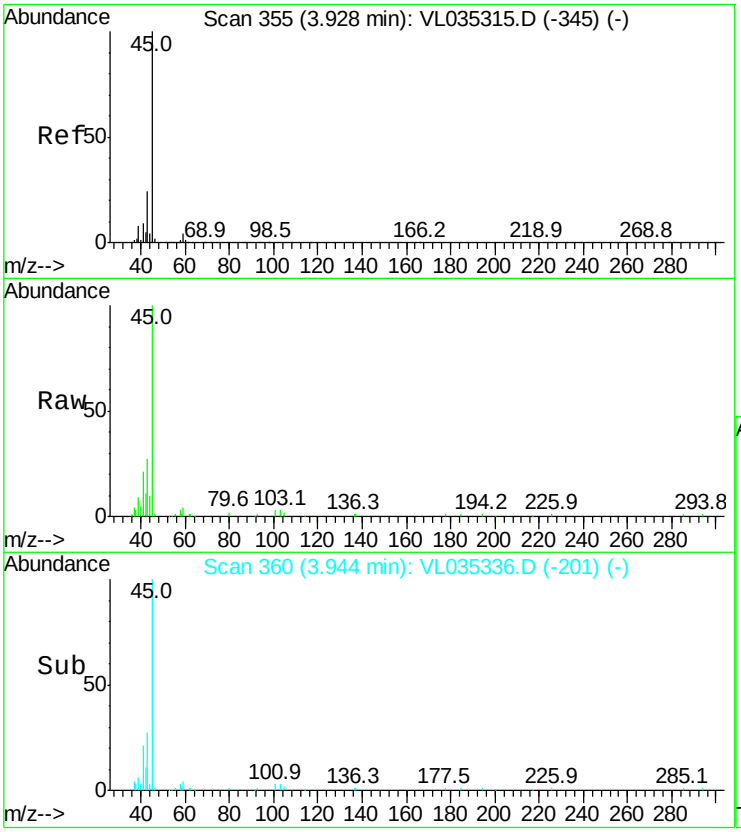


#18
1,1-Dichloroethene
Concen: 0.520 ppbv
RT: 4.26 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 96 Resp: 37563

Ion	Ratio	Lower	Upper
96	100		
61	206.7	161.4	242.2
98	63.7	56.0	84.0



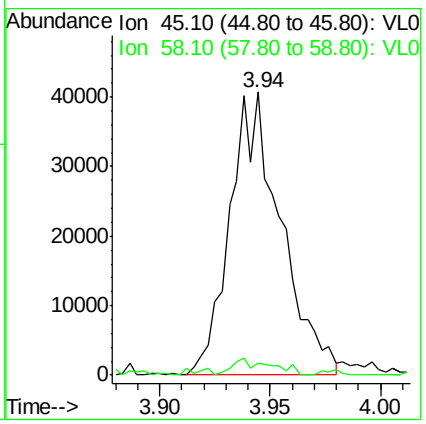


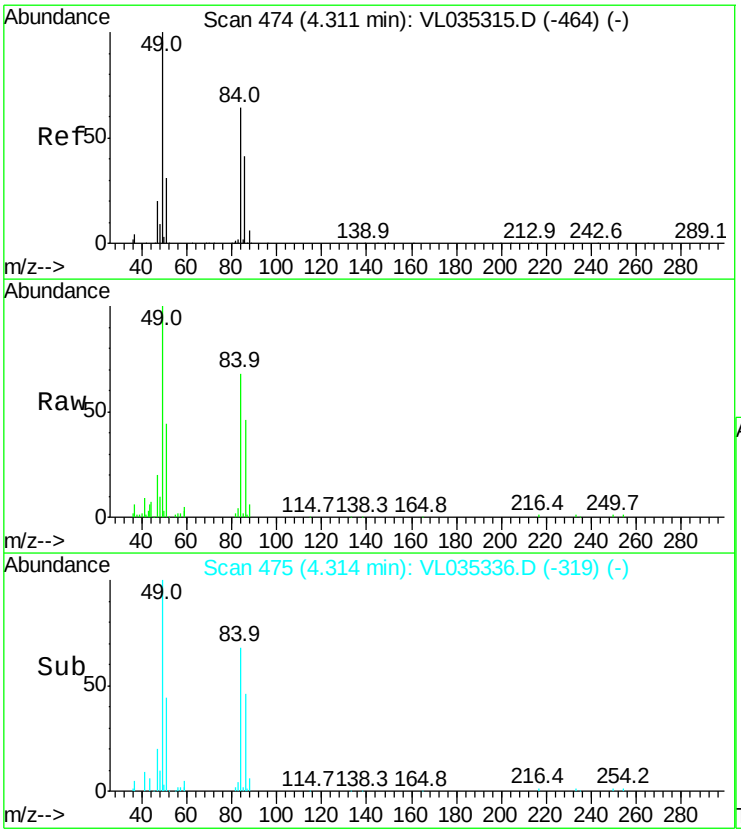
#19
Isopropyl Alcohol
Concen: 0.534 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 65305

Ion	Ratio	Lower	Upper
45	100		
58	5.9	1.9	2.9#

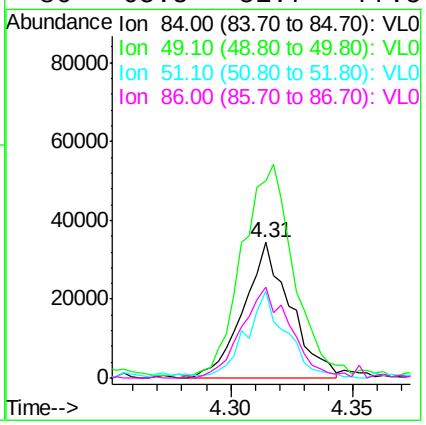


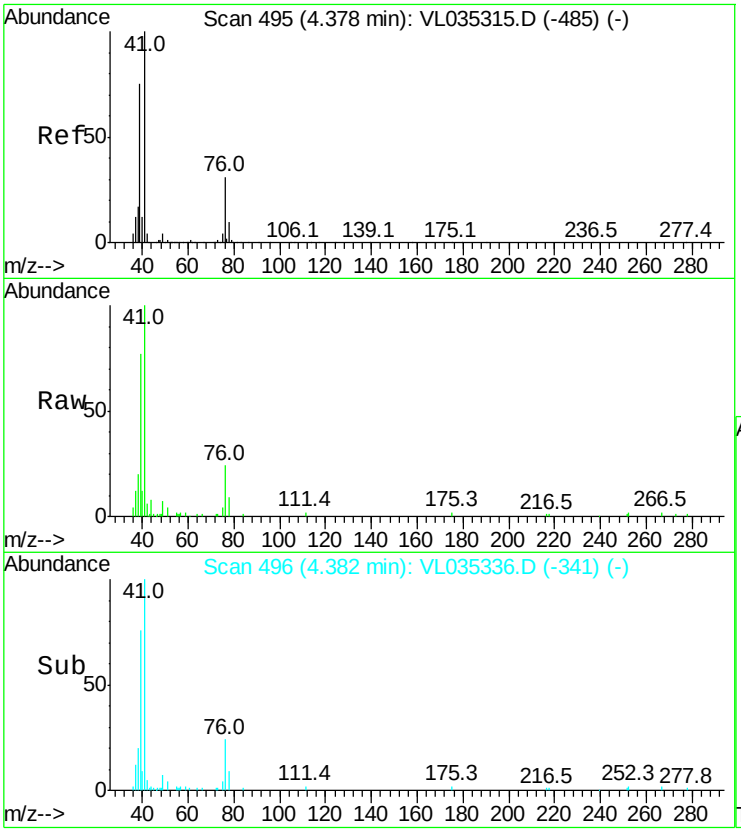


#20
Methylene Chloride
Concen: 0.515 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 84 Resp: 45776

Ion	Ratio	Lower	Upper
84	100		
49	145.0	122.8	184.2
51	61.8	40.1	60.1#
86	65.5	51.7	77.5



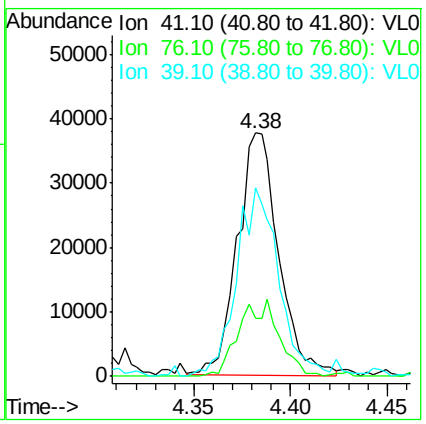


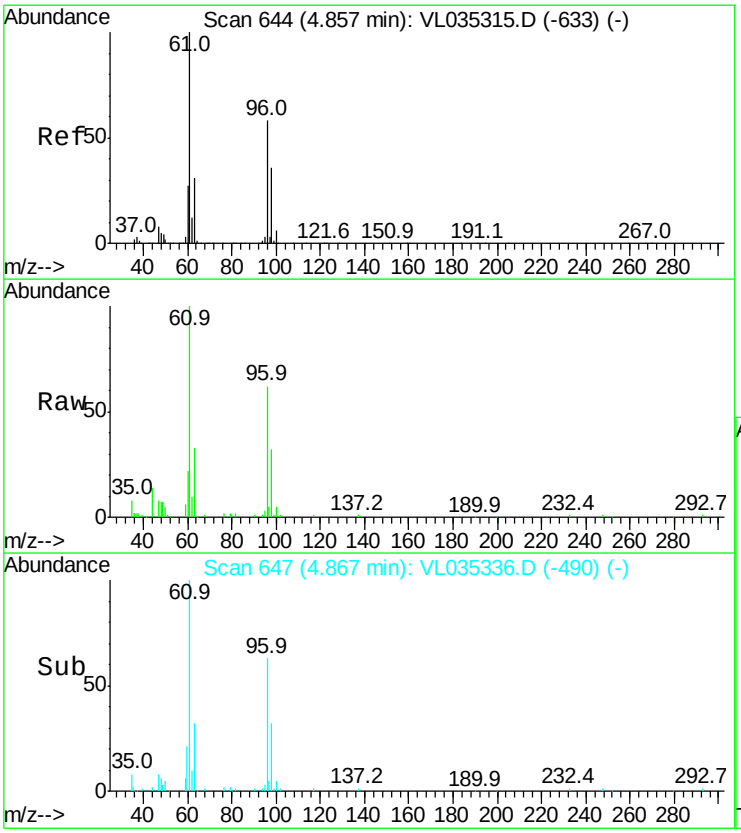
#21
Allyl Chloride
Concen: 0.510 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 41 Resp: 56197

Ion	Ratio	Lower	Upper
41	100		
76	30.9	23.8	35.6
39	82.7	65.0	97.6

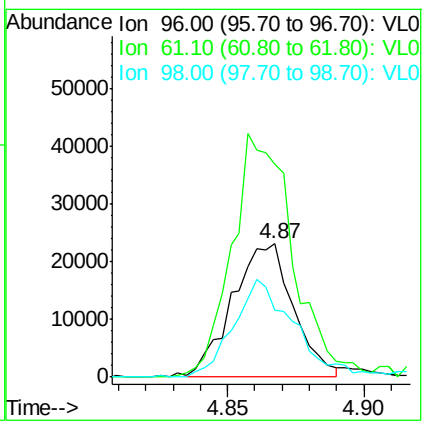


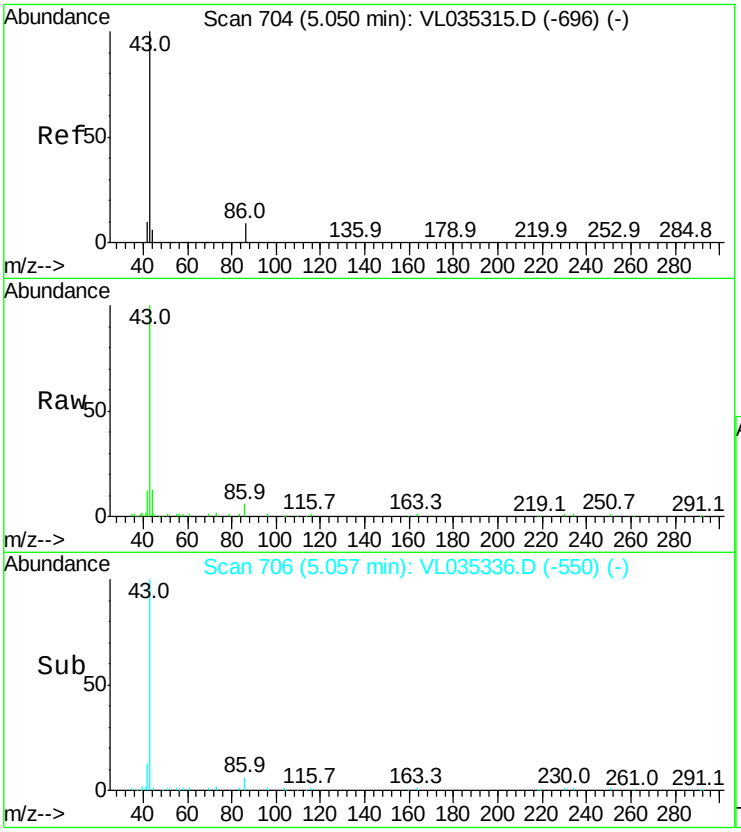


#22
trans-1,2-Dichloroethene
Concen: 0.499 ppbv
RT: 4.87 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 96 Resp: 35725

Ion	Ratio	Lower	Upper
96	100		
61	159.9	138.5	207.7
98	51.6	54.3	81.5#



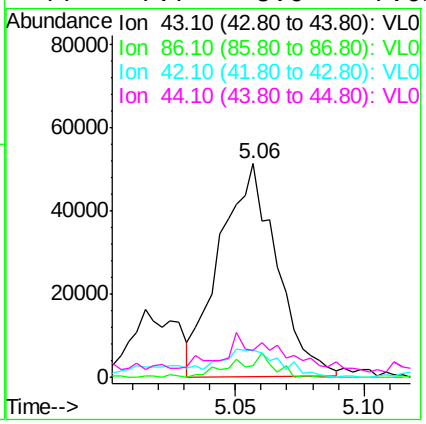


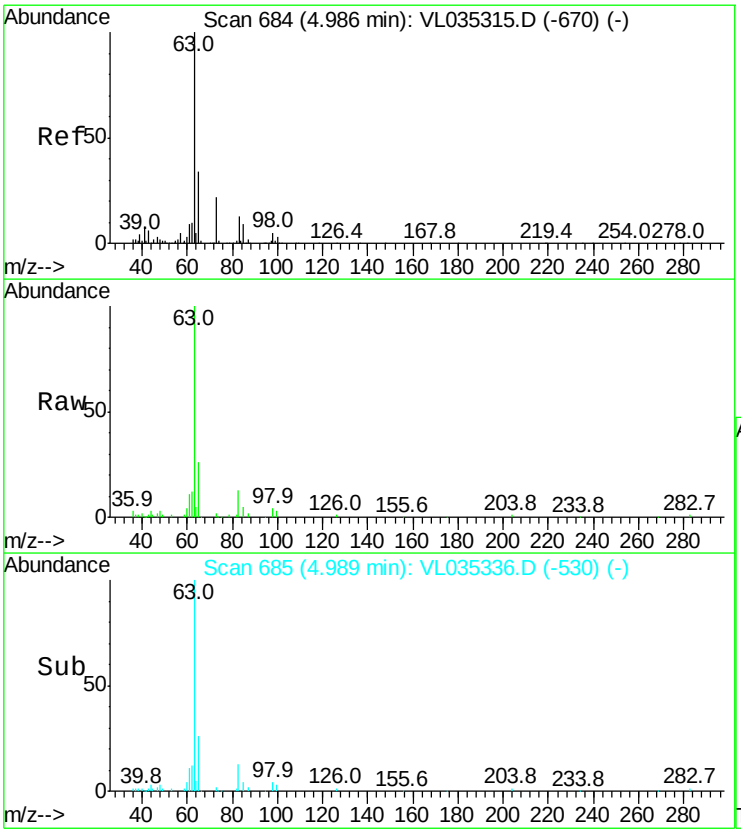
#23
Vinyl Acetate
Concen: 0.409 ppbv
RT: 5.06 min Scan# 706
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 78894

Ion	Ratio	Lower	Upper
43	100		
86	5.8	6.9	10.3#
42	12.7	8.8	13.2
44	7.7	5.0	7.6#

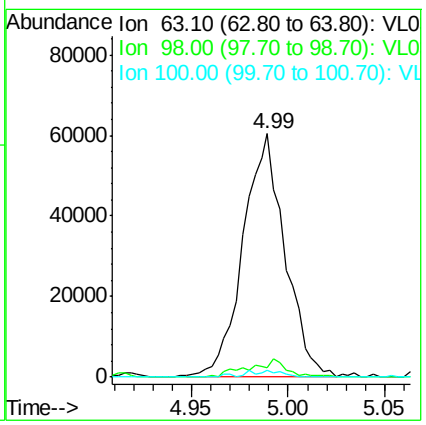


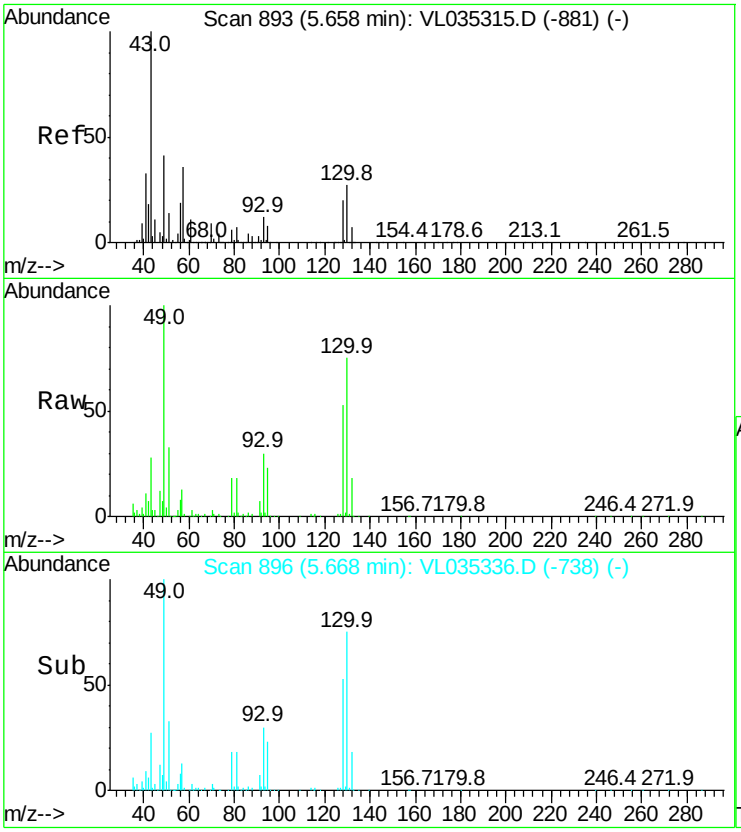


#24
1,1-Dichloroethane
Concen: 0.506 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 63 Resp: 90902

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.5	7.5
100	2.9	1.4	4.2



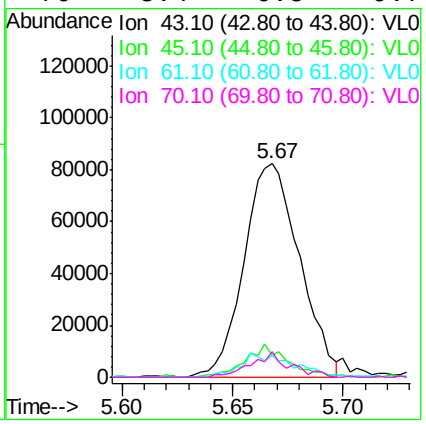


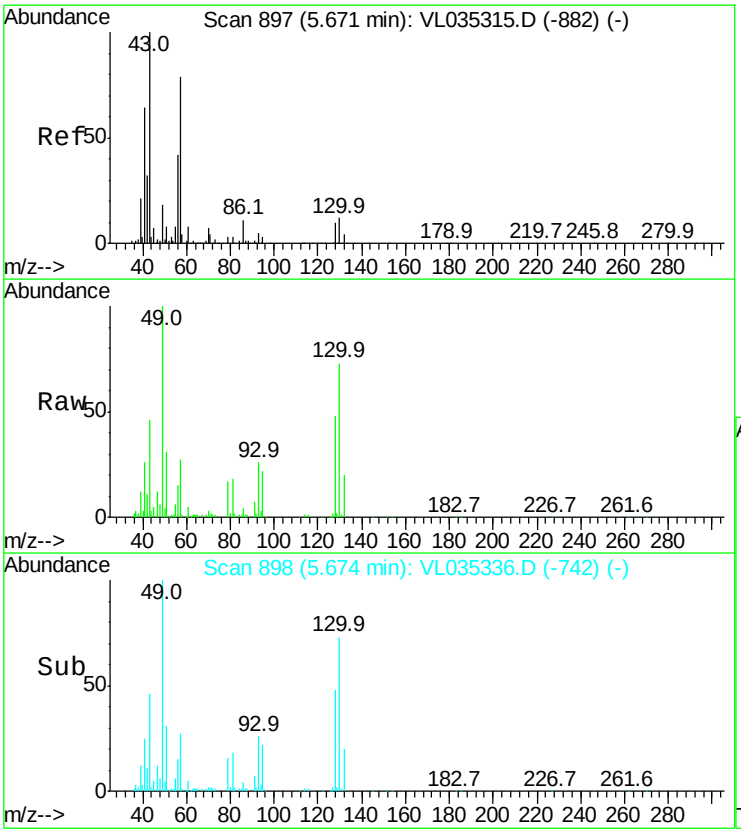
#25
Ethyl Acetate
Concen: 0.488 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 143669

Ion	Ratio	Lower	Upper
43	100		
45	12.6	8.5	12.7
61	11.0	8.1	12.1
70	8.4	6.5	9.7

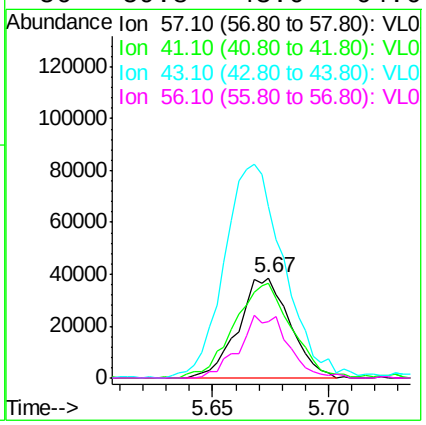


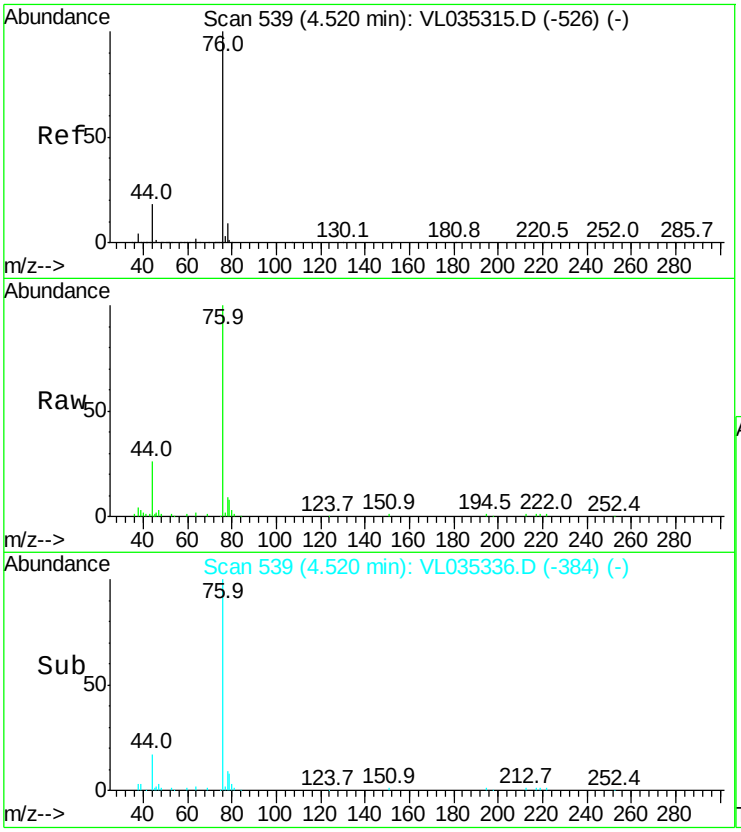


#26
Hexane
Concen: 0.454 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 57 Resp: 59785

Ion	Ratio	Lower	Upper
57	100		
41	108.4	75.2	112.8
43	247.3	180.6	270.8
56	59.8	43.0	64.6



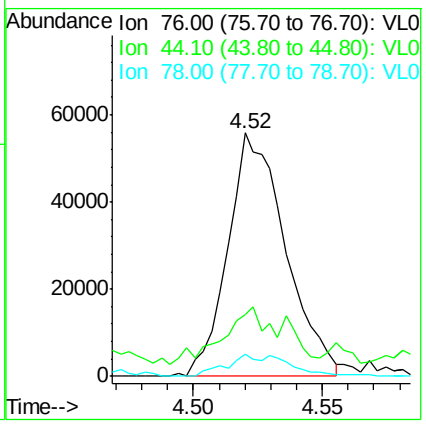


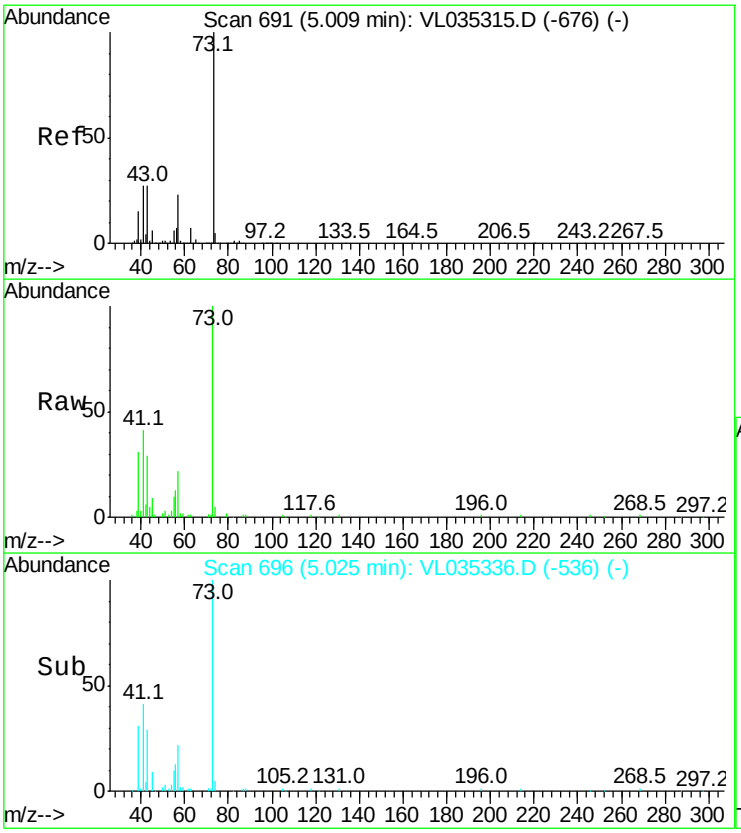
#27
Carbon Disulfide
Concen: 0.490 ppbv
RT: 4.52 min Scan# 539
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 76 Resp: 86781

Ion	Ratio	Lower	Upper
76	100		
44	30.5	15.4	23.2#
78	10.5	7.7	11.5

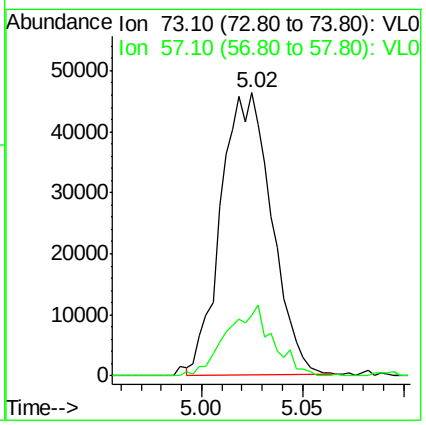


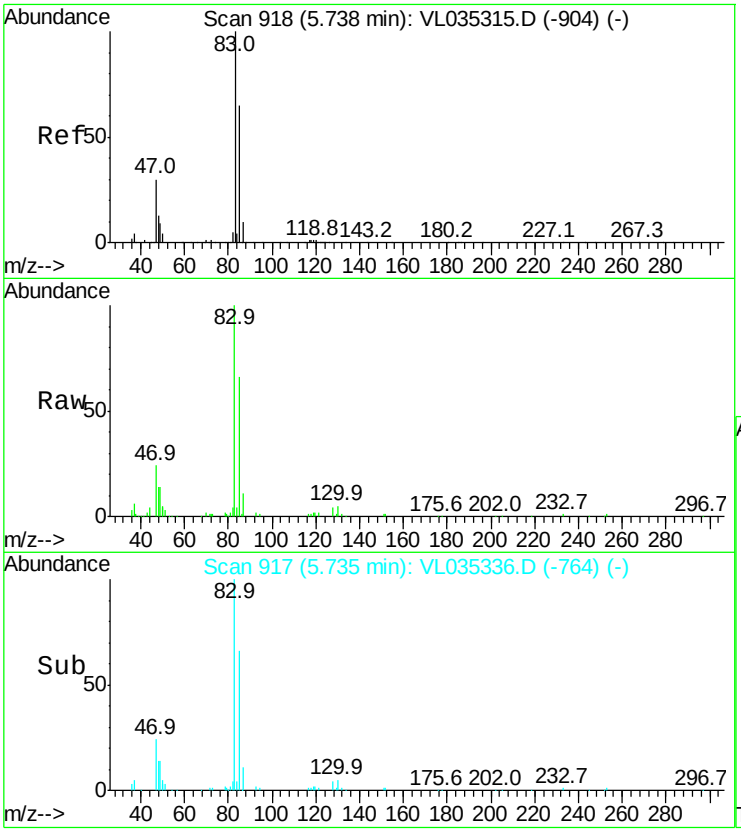


#28
Methyl tert-Butyl Ether
Concen: 0.413 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 73 Resp: 81696

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.9	26.9



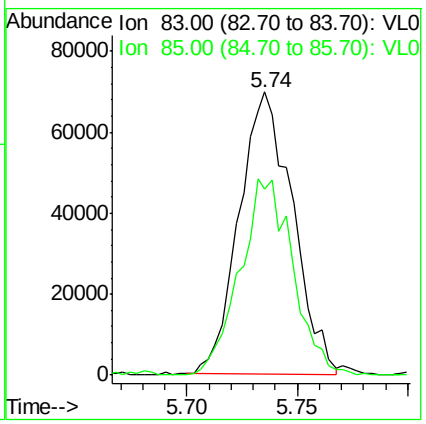


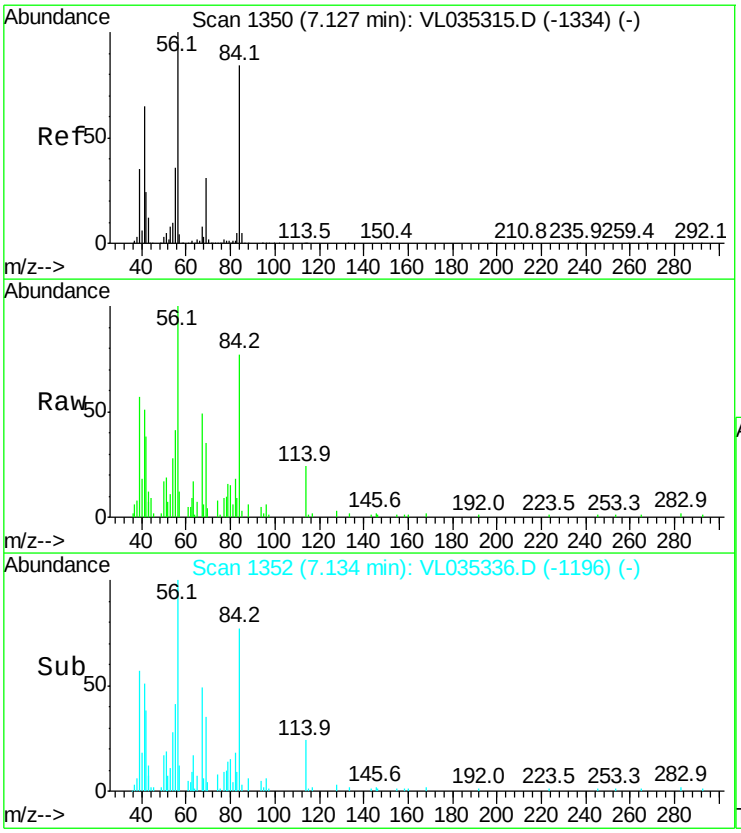
#29
Chloroform
Concen: 0.526 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 117317

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.9	79.3

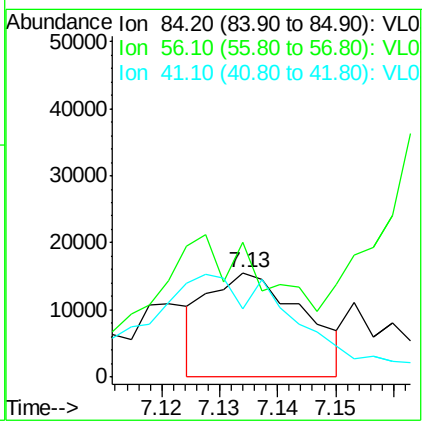


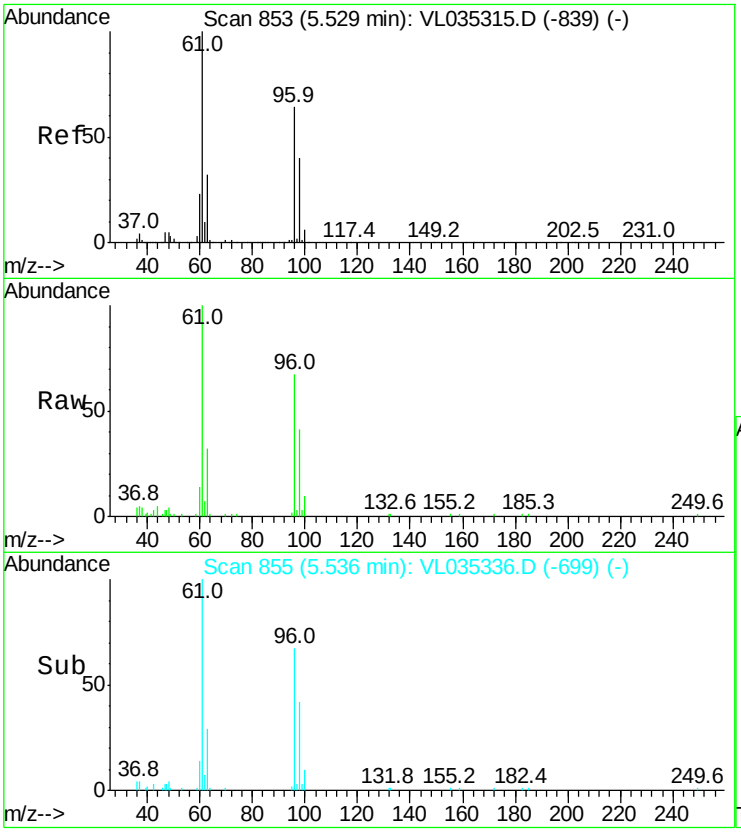


#30
Cyclohexane
Concen: 0.180 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 84 Resp: 17764

Ion	Ratio	Lower	Upper
84	100		
56	0.0	104.7	157.1#
41	172.8	64.2	96.2#



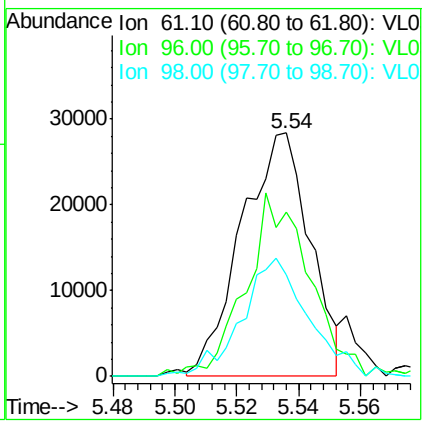


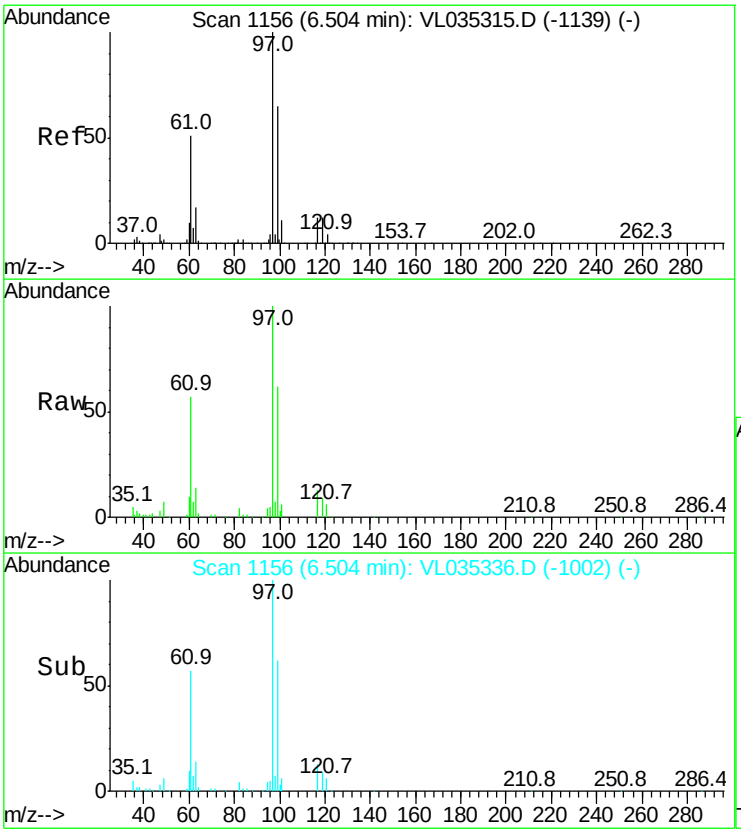
#31
cis-1,2-Dichloroethene
Concen: 0.359 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 43630

Ion	Ratio	Lower	Upper
61	100		
96	64.6	53.6	80.4
98	40.9	31.0	46.4

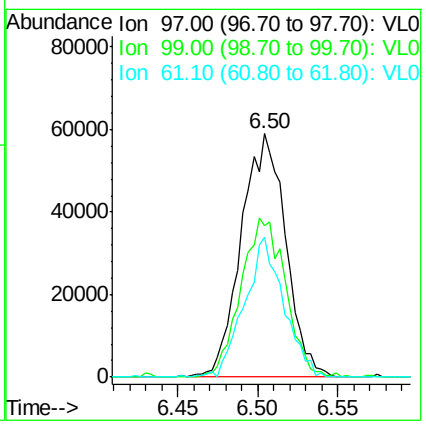


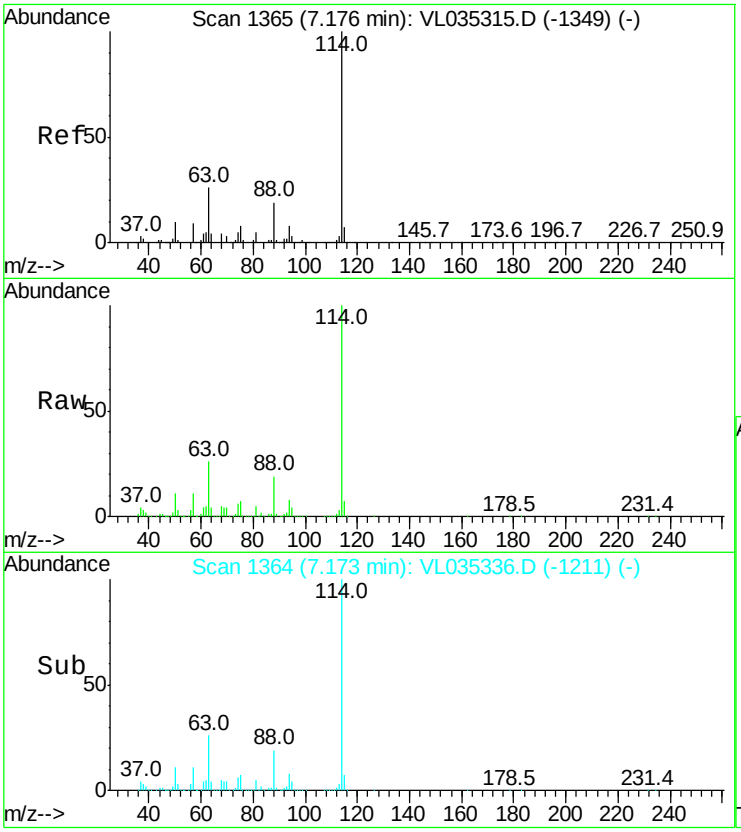


#32
1,1,1-Trichloroethane
Concen: 0.519 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 97 Resp: 111919

Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.2	78.4
61	50.8	40.9	61.3



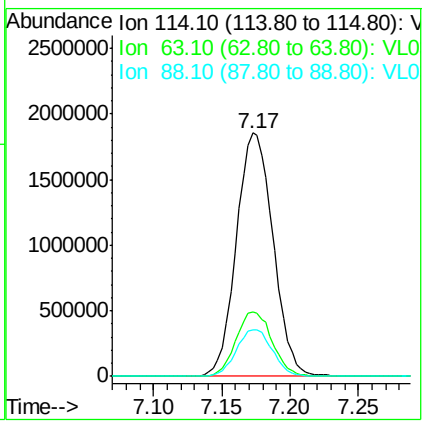


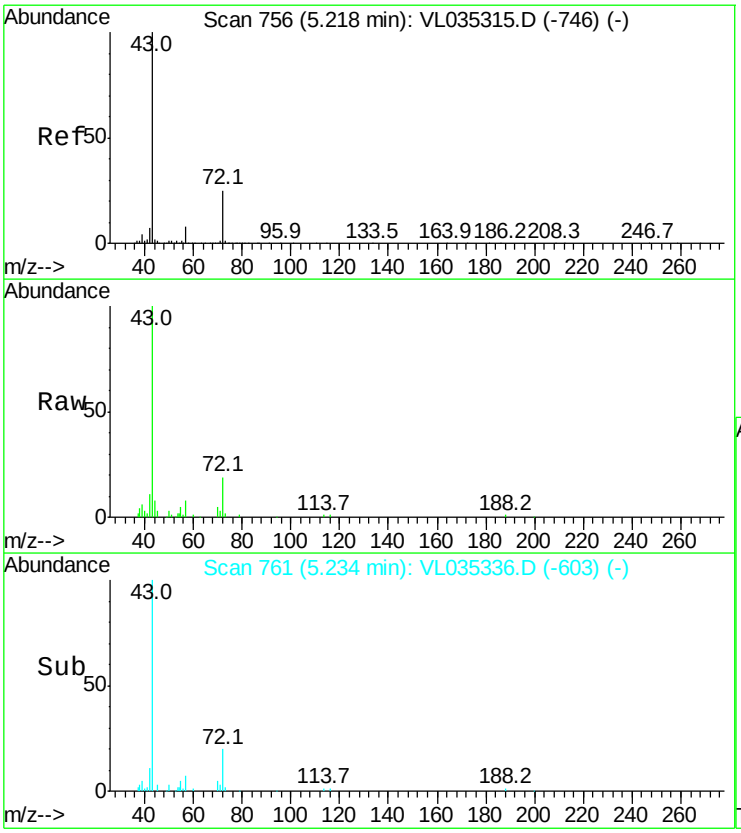
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:114 Resp: 3459506

Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.3	31.9
88	19.0	15.3	22.9

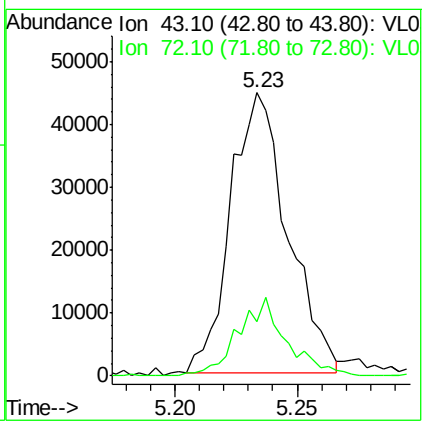


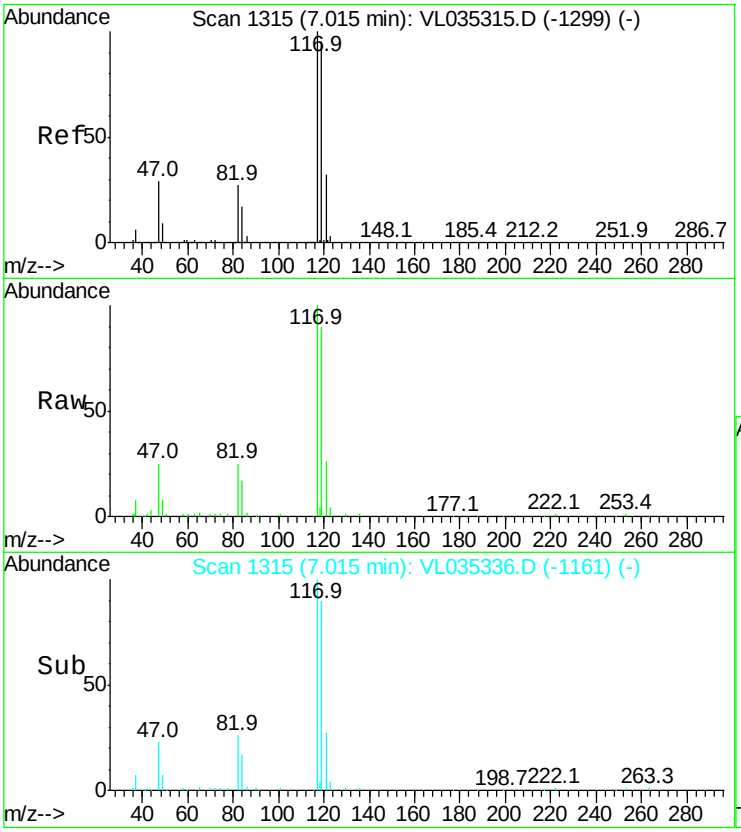


#34
2-Butanone
Concen: 0.396 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 43 Resp: 72167

Ion	Ratio	Lower	Upper
43	100		
72	23.7	18.9	28.3



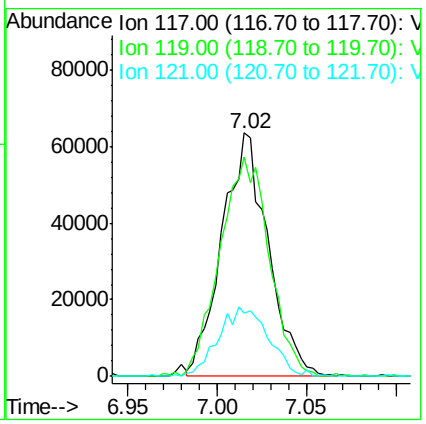


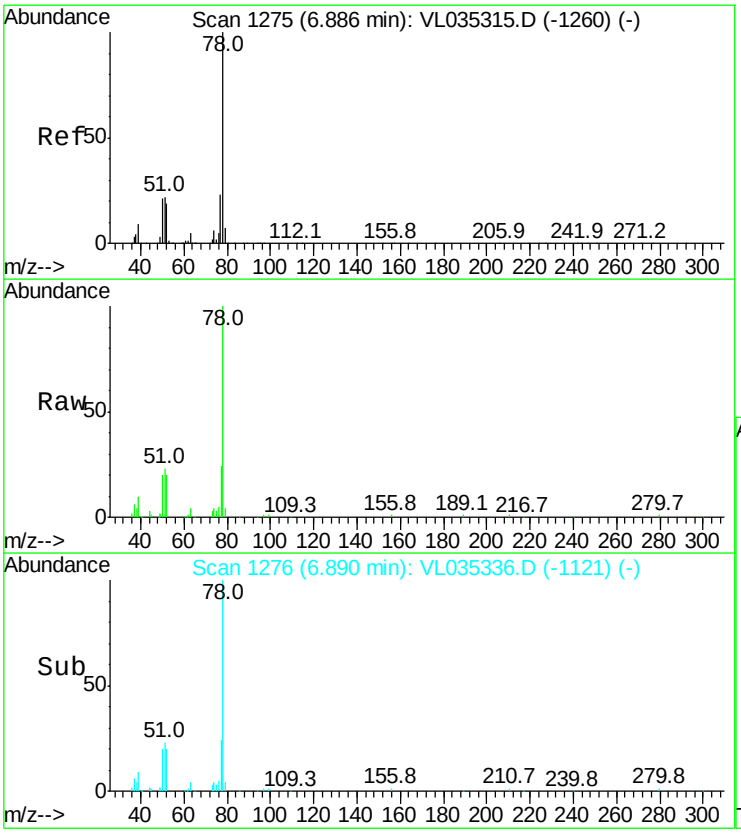
#35
Carbon Tetrachloride
Concen: 0.512 ppbv
RT: 7.02 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 114614

Ion	Ratio	Lower	Upper
117	100		
119	88.8	77.0	115.6
121	25.8	26.0	39.0#

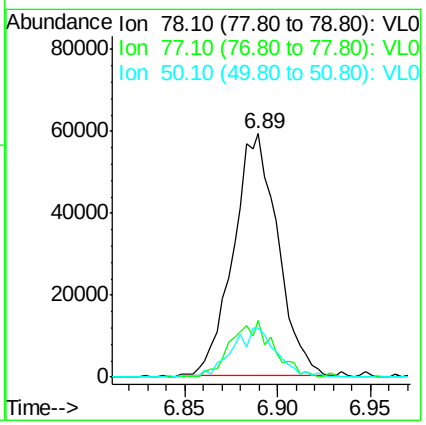


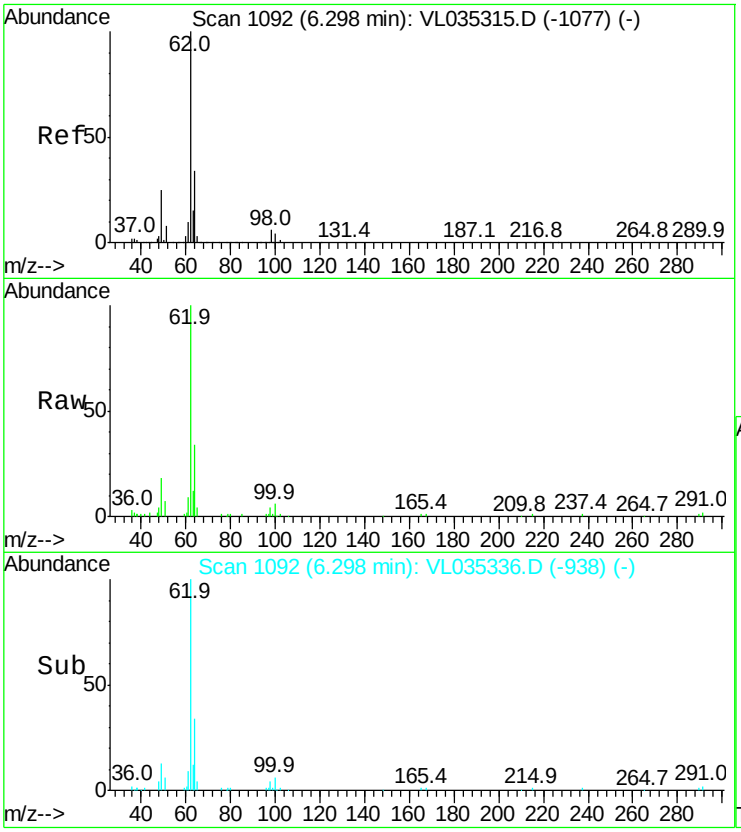


#36
Benzene
Concen: 0.387 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 78 Resp: 98167

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9
50	20.3	16.3	24.5



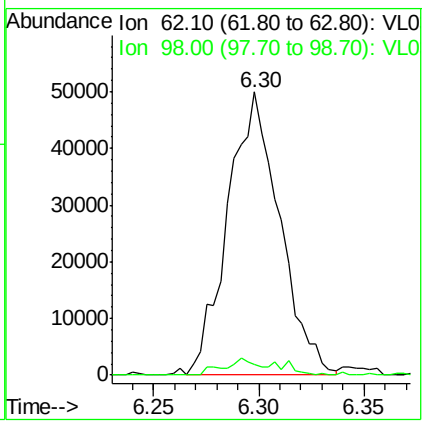


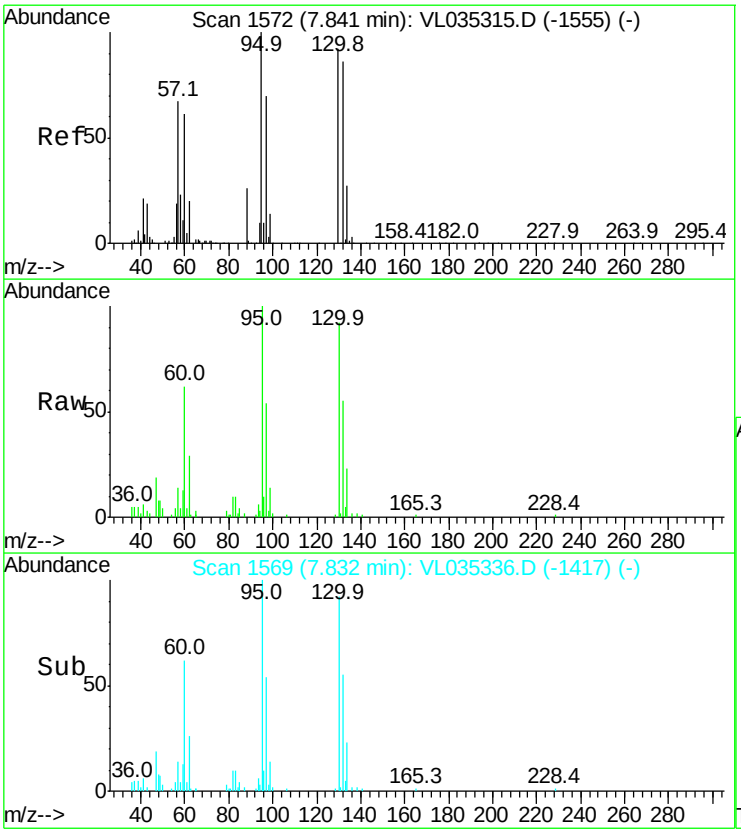
#37
1,2-Dichloroethane
Concen: 0.497 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 85333

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.6	7.0

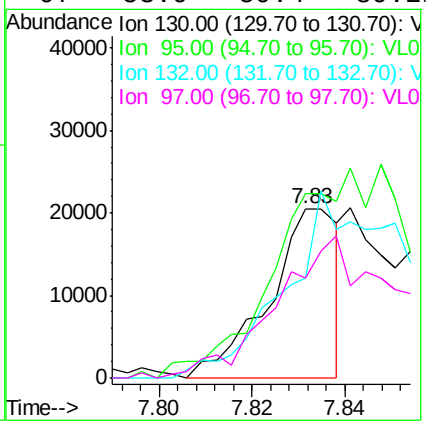


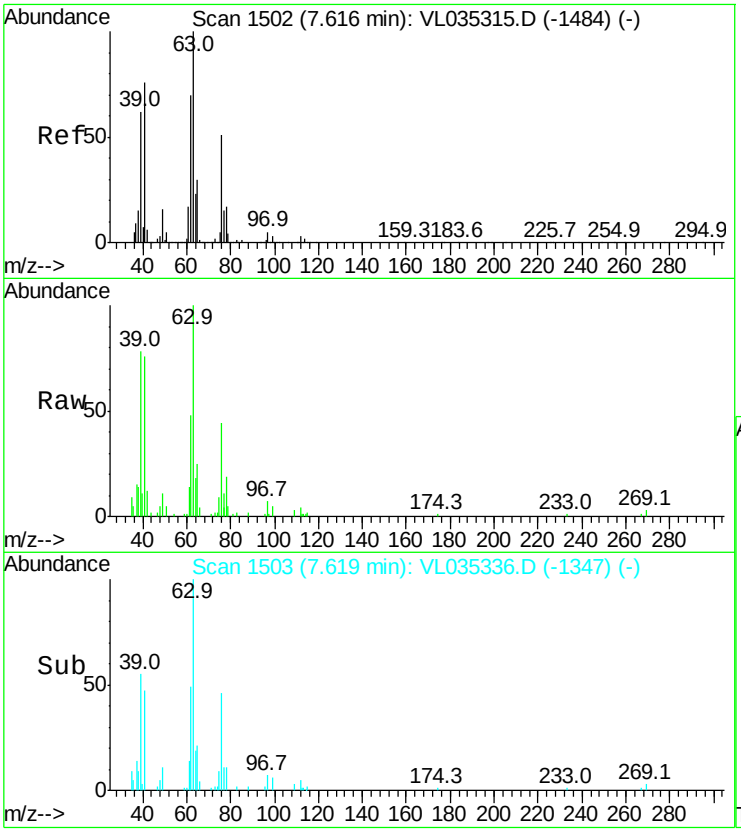


#38
Trichloroethene
Concen: 0.226 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:130 Resp: 21084

Ion	Ratio	Lower	Upper
130	100		
95	97.2	93.4	140.2
132	53.6	76.1	114.1#
97	53.9	59.4	89.2#



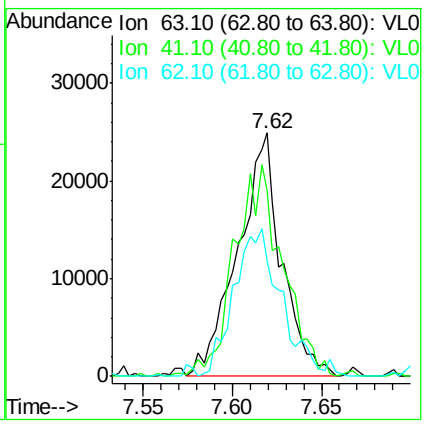


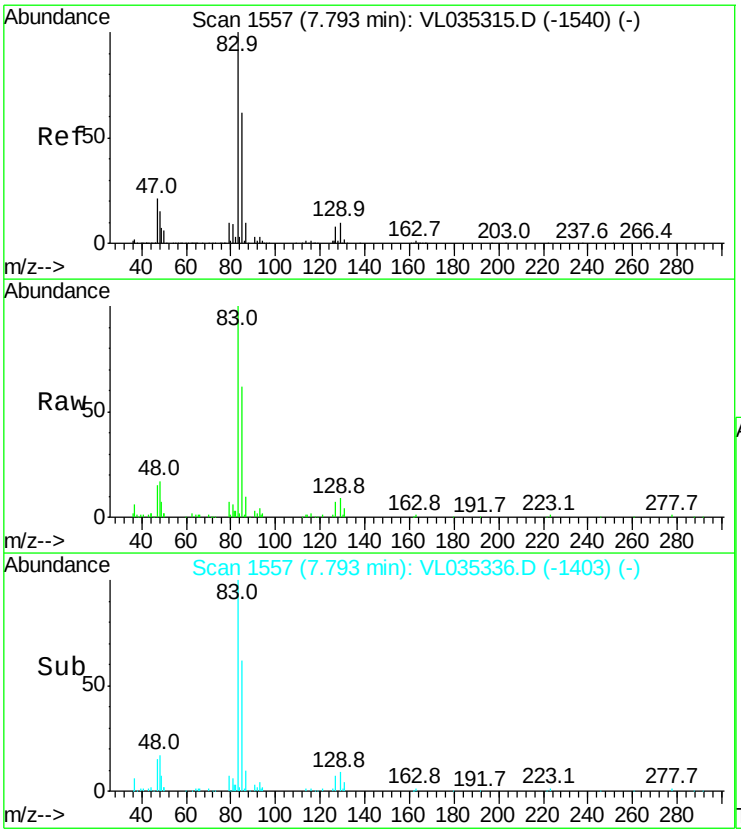
#39
1,2-Dichloropropane
Concen: 0.427 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 63 Resp: 42706

Ion	Ratio	Lower	Upper
63	100		
41	76.3	64.4	96.6
62	46.1	52.6	78.8#

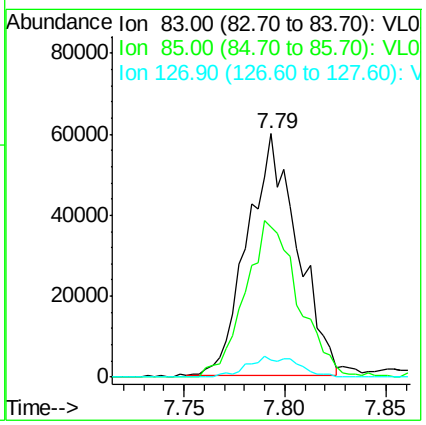


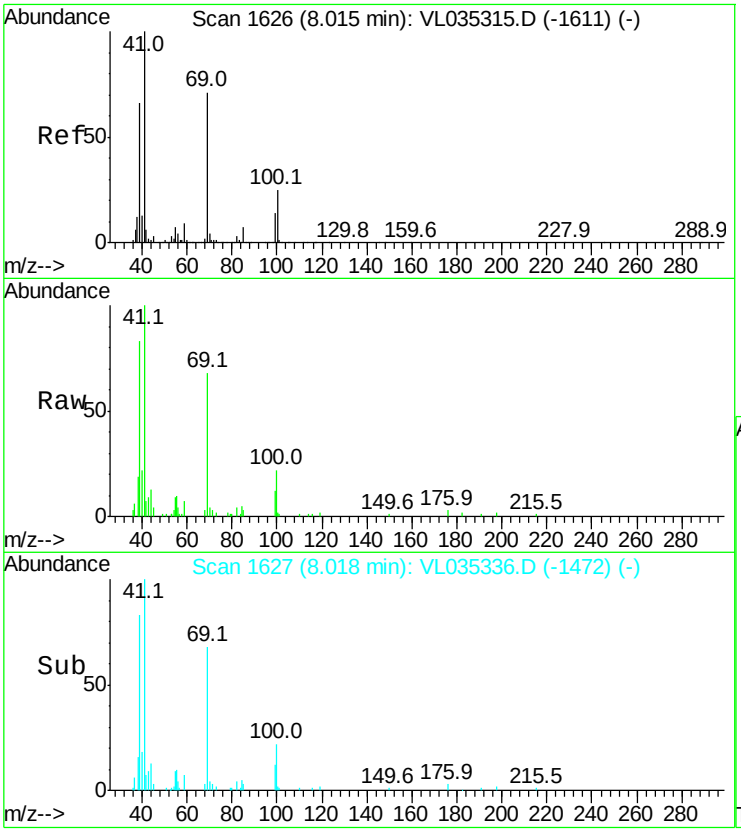


#42
Bromodichloromethane
Concen: 0.440 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 83 Resp: 103075

Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.1	79.7
127	7.2	6.8	10.2



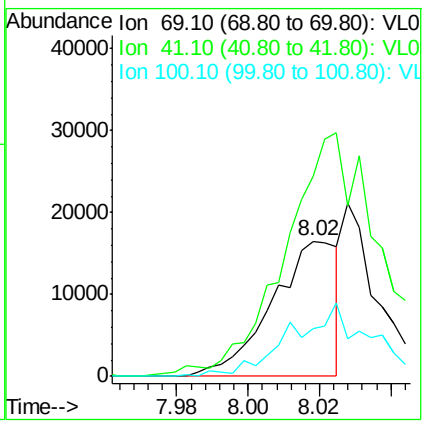


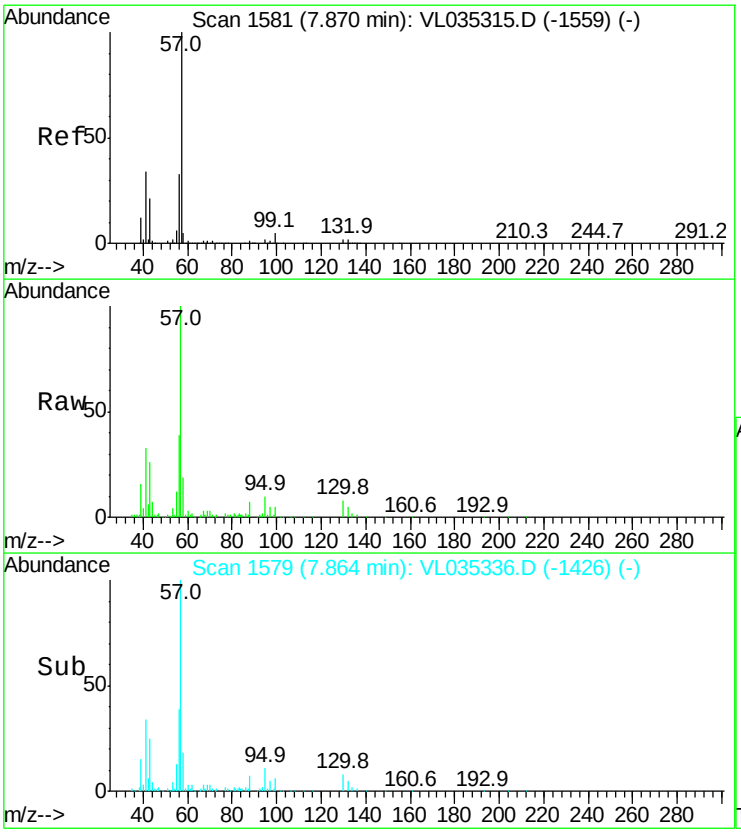
#43
Methyl Methacrylate
Concen: 0.198 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 69 Resp: 20966

Ion	Ratio	Lower	Upper
69	100		
41	0.0	115.8	173.6#
100	0.0	26.7	40.1#

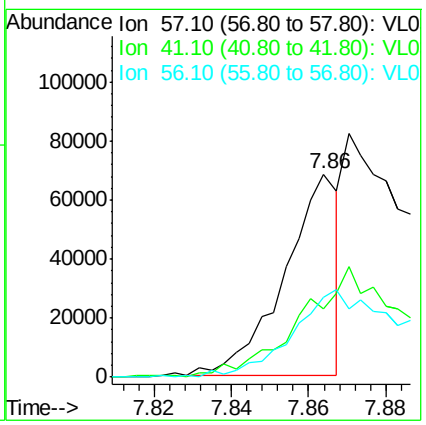


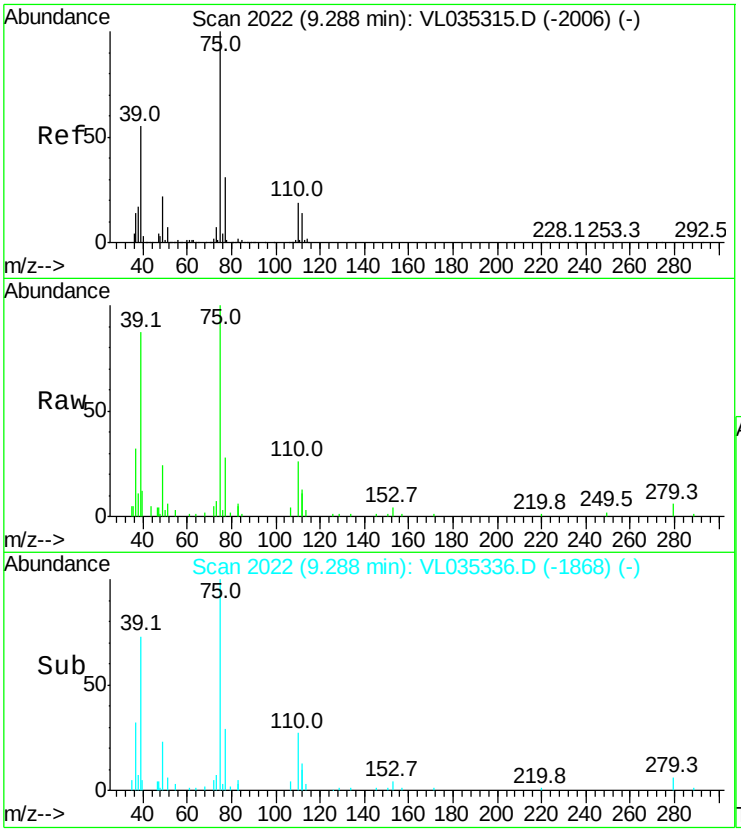


#44
2,2,4-Trimethylpentane
Concen: 0.151 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 57 Resp: 65508

Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.9	41.9#
56	0.0	25.4	38.0#



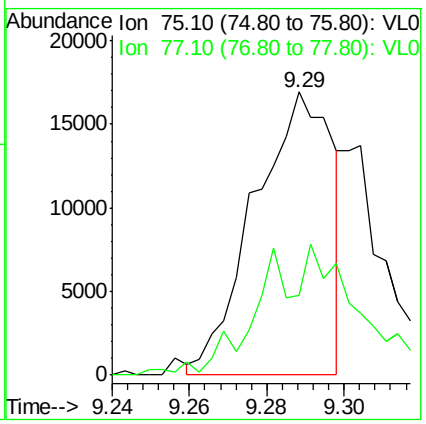


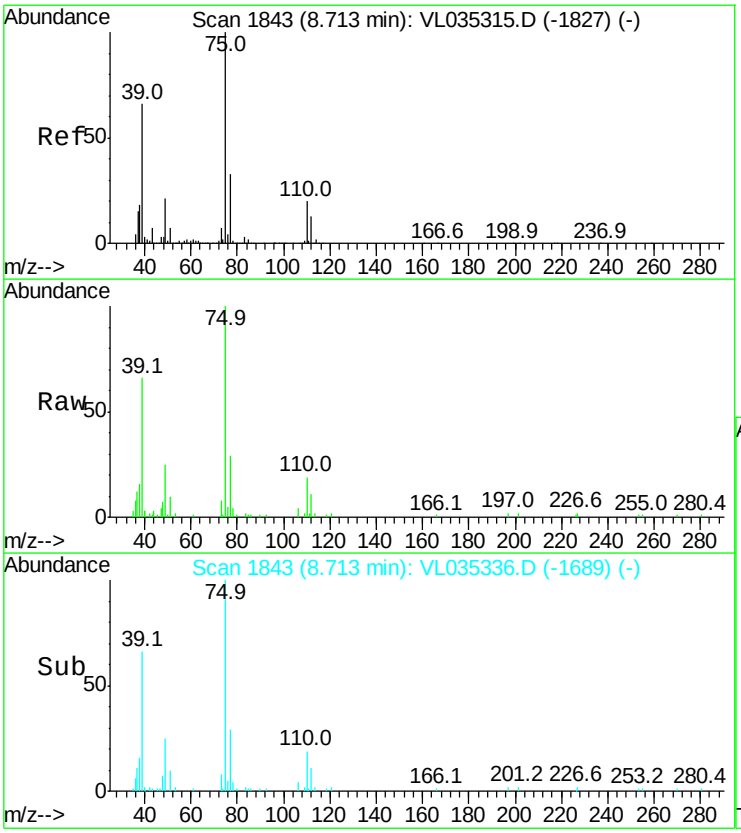
#45
t-1,3-Dichloropropene
Concen: 0.209 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 23641

Ion	Ratio	Lower	Upper
75	100		
77	28.3	27.0	40.6

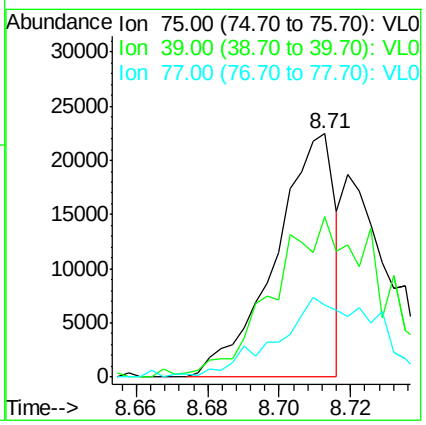


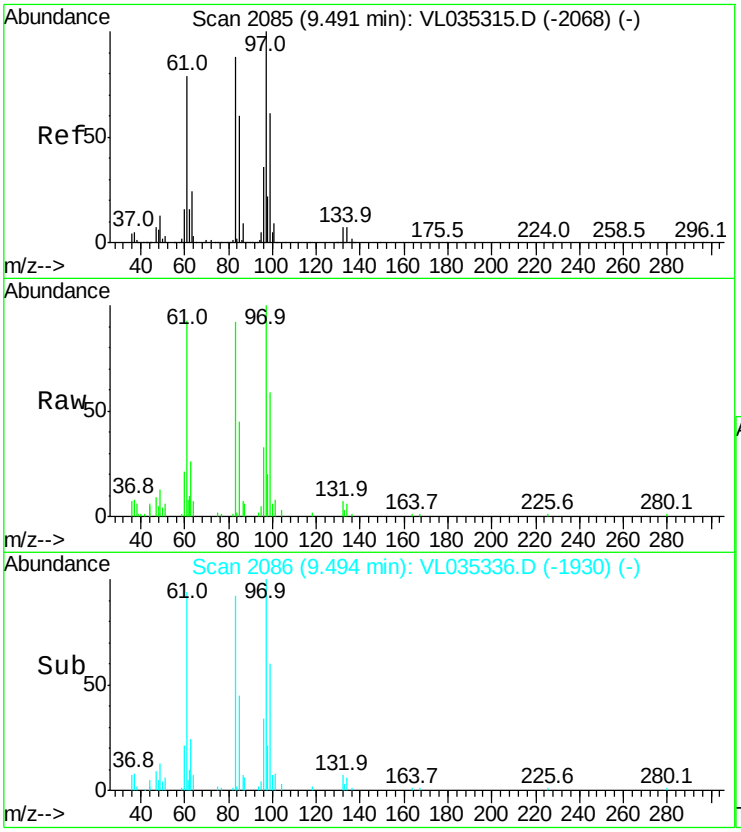


#46
cis-1,3-Dichloropropene
Concen: 0.193 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 75 Resp: 26116

Ion	Ratio	Lower	Upper
75	100		
39	64.0	54.2	81.2
77	28.0	25.4	38.2



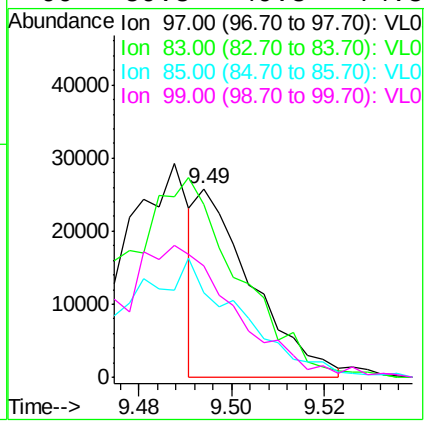


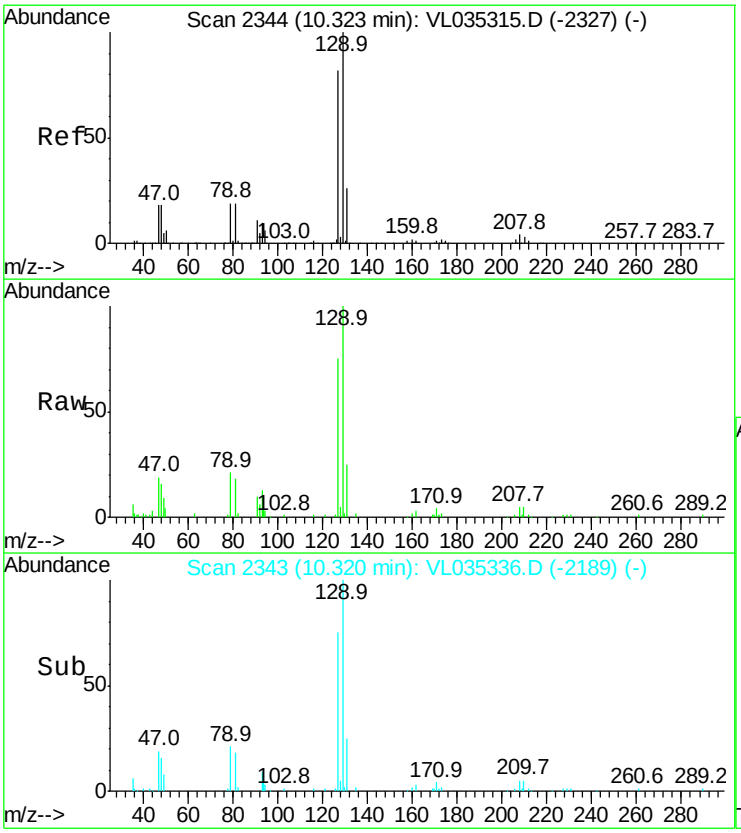
#47
1,1,2-Trichloroethane
Concen: 0.181 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 20976

Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.3	106.9
85	43.9	43.3	64.9
99	59.8	49.8	74.8

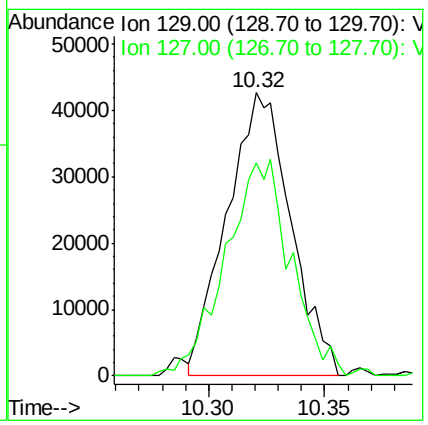


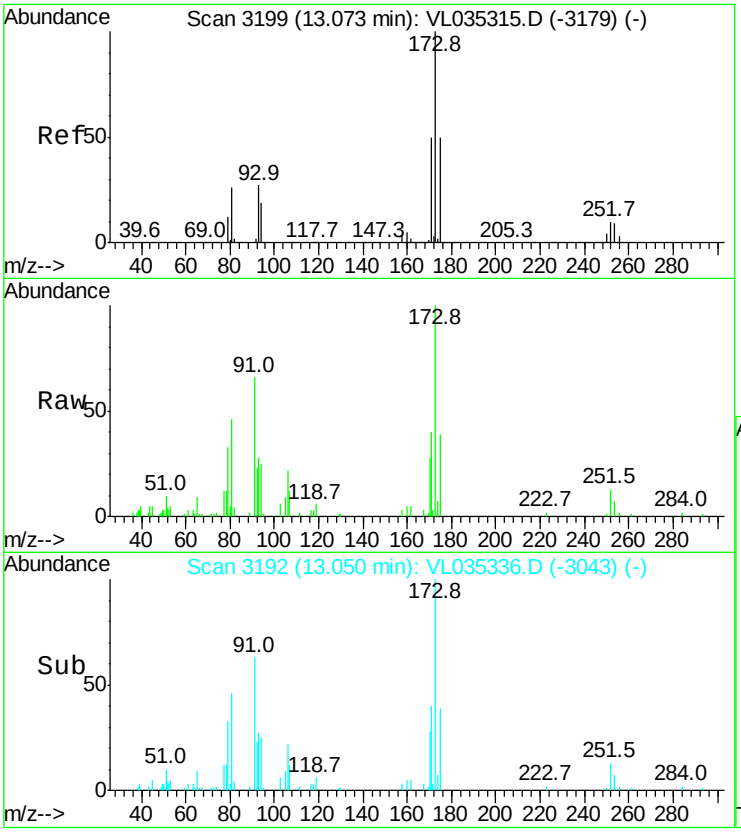


#48
Dibromochloromethane
Concen: 0.434 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:129 Resp: 81971

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.2



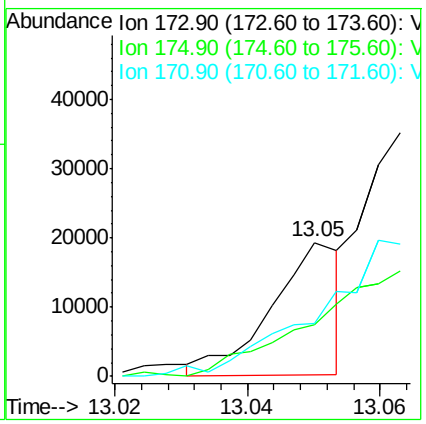


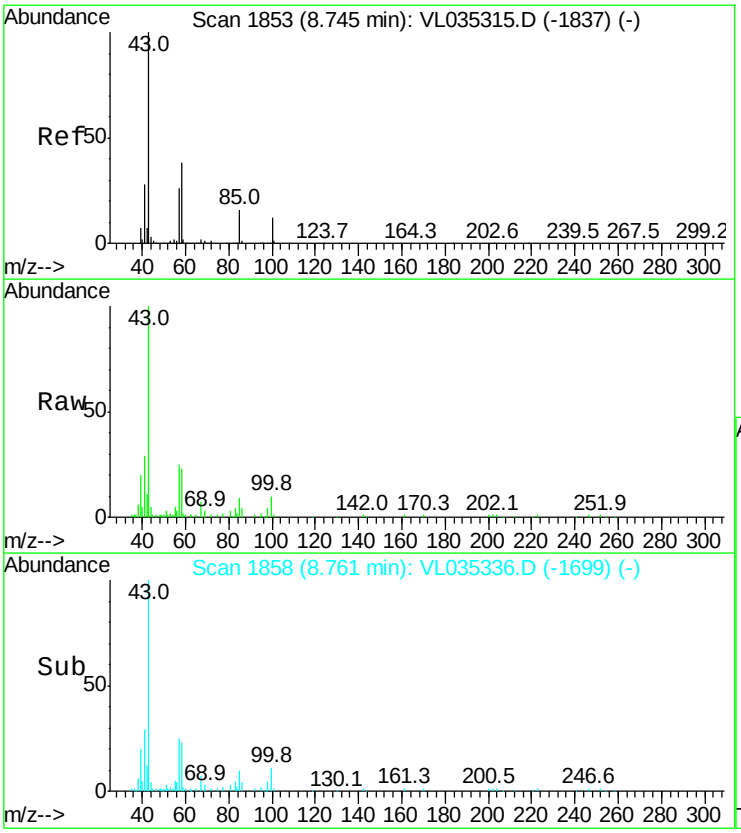
#49
Bromoform
Concen: 0.086 ppbv
RT: 13.05 min Scan# 3192
Delta R.T. -0.02 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 14072

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.3	58.9#
171	0.0	41.2	61.8#

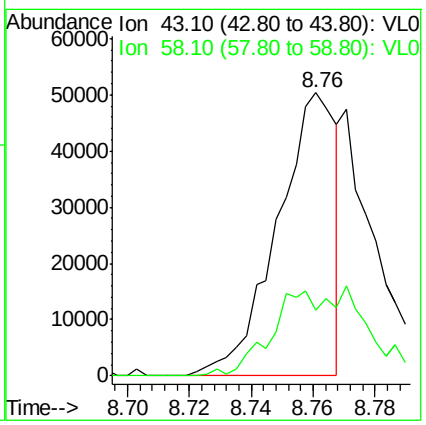


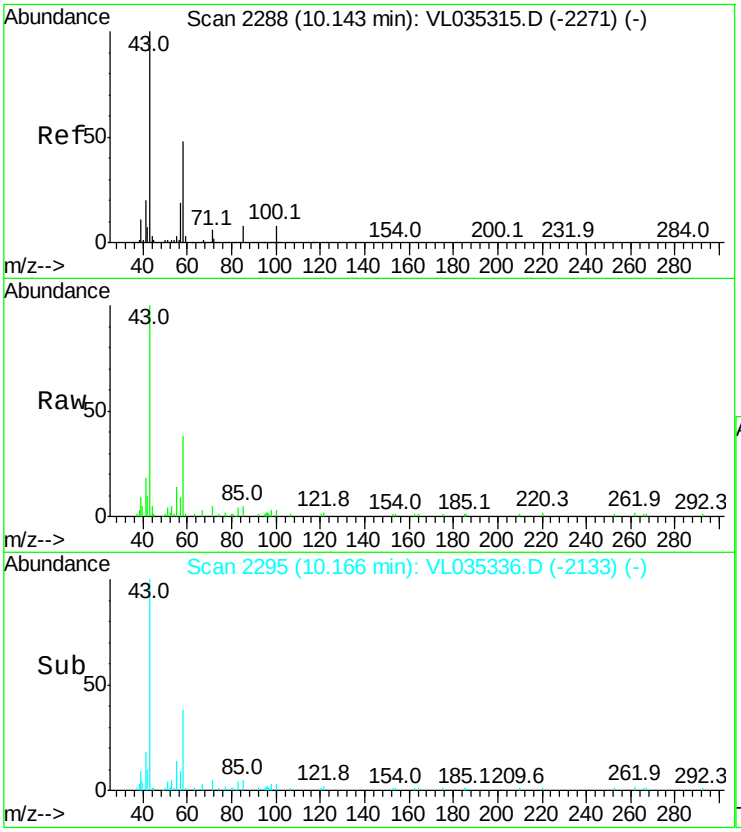


#50
4-Methyl-2-Pentanone
Concen: 0.256 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 43 Resp: 65975

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	43.8#



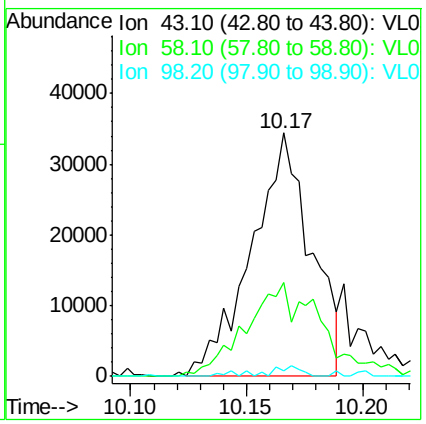


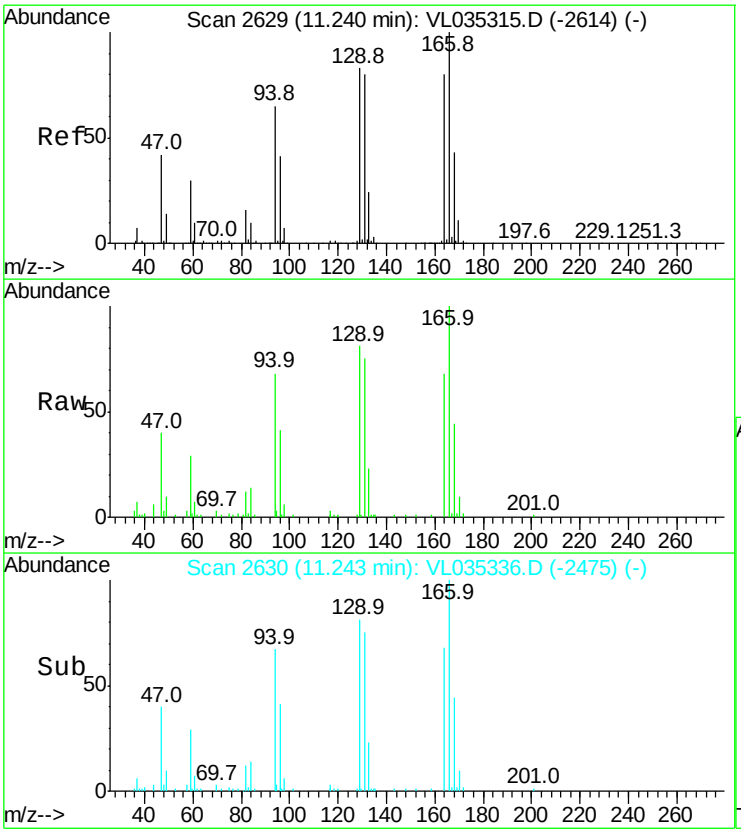
#51
2-Hexanone
Concen: 0.307 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. 0.02 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 61145

Ion	Ratio	Lower	Upper
43	100		
58	49.8	39.4	59.2
98	2.8	0.2	0.4#

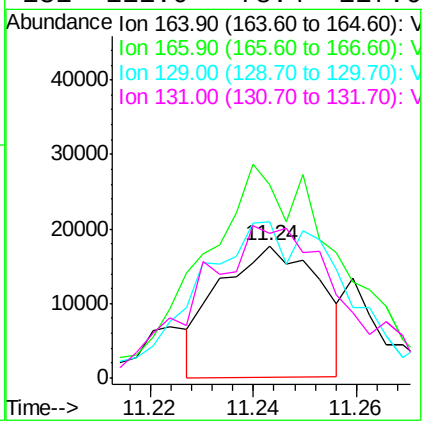


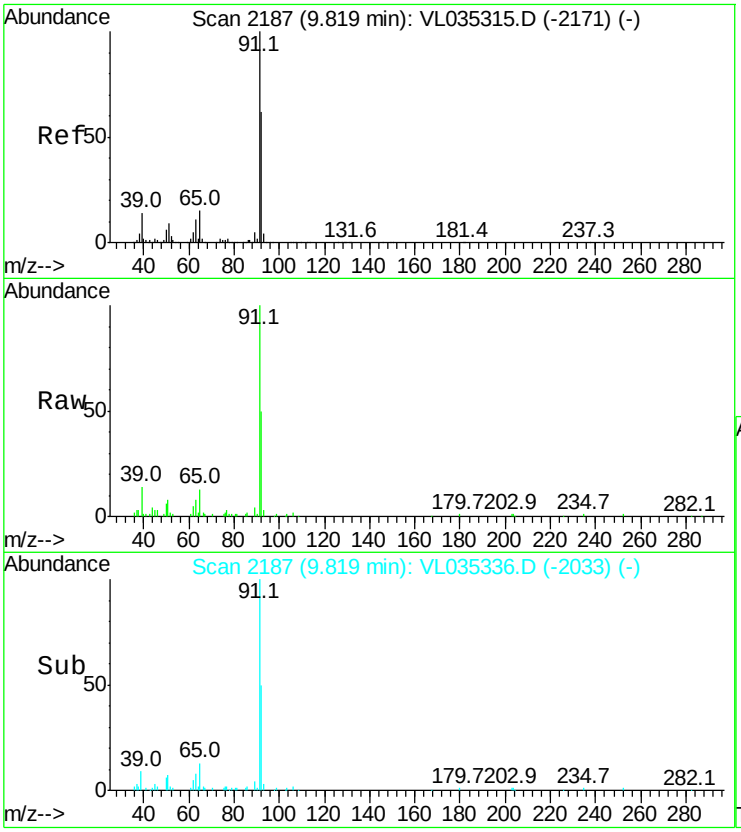


#52
Tetrachloroethene
Concen: 0.267 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:164 Resp: 23890

Ion	Ratio	Lower	Upper
164	100		
166	107.9	101.4	152.0
129	106.0	82.1	123.1
131	111.0	78.4	117.6



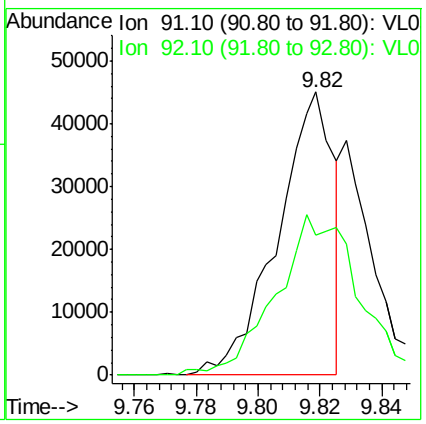


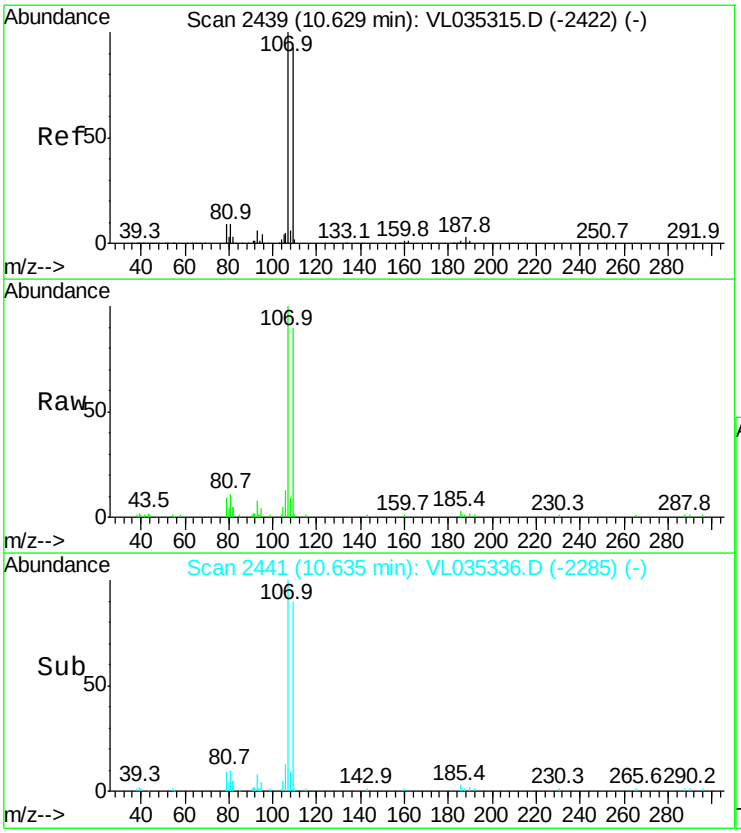
#53
Toluene
Concen: 0.212 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 56606

Ion	Ratio	Lower	Upper
91	100		
92	83.4	48.5	72.7#

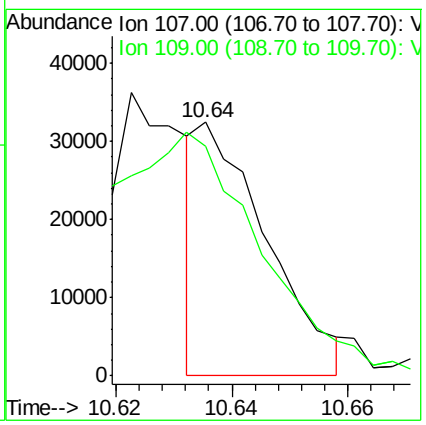


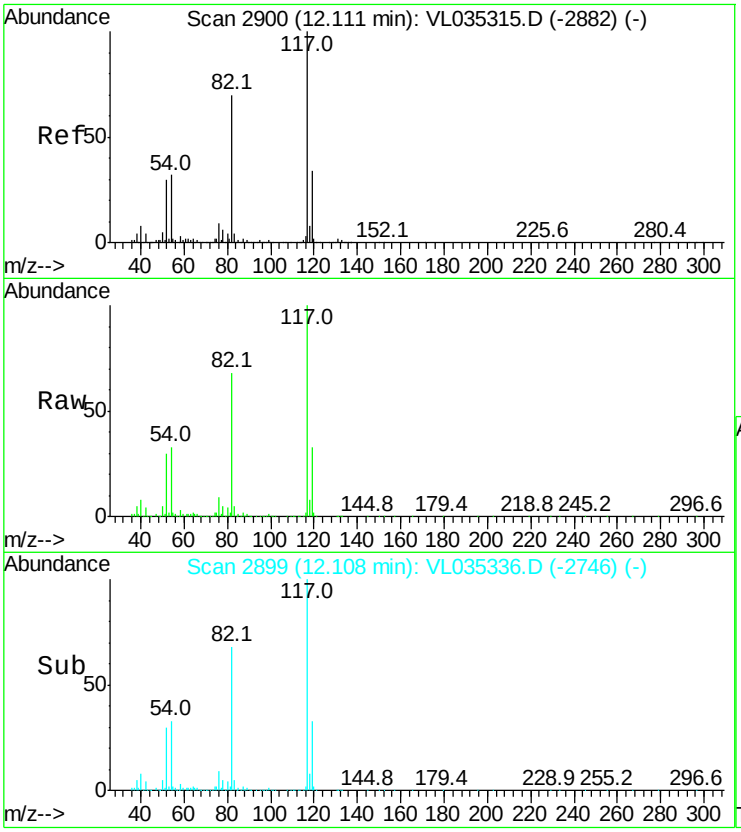


#54
1,2-Dibromoethane
Concen: 0.156 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:107 Resp: 26867

Ion	Ratio	Lower	Upper
107	100		
109	90.8	76.8	115.2



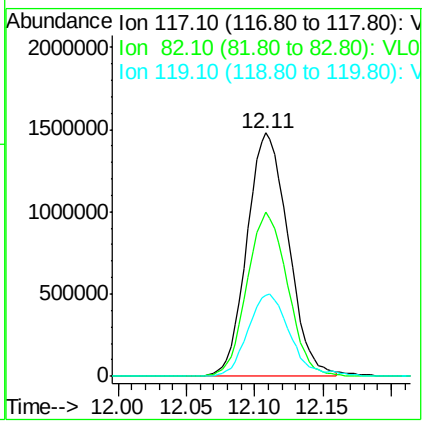


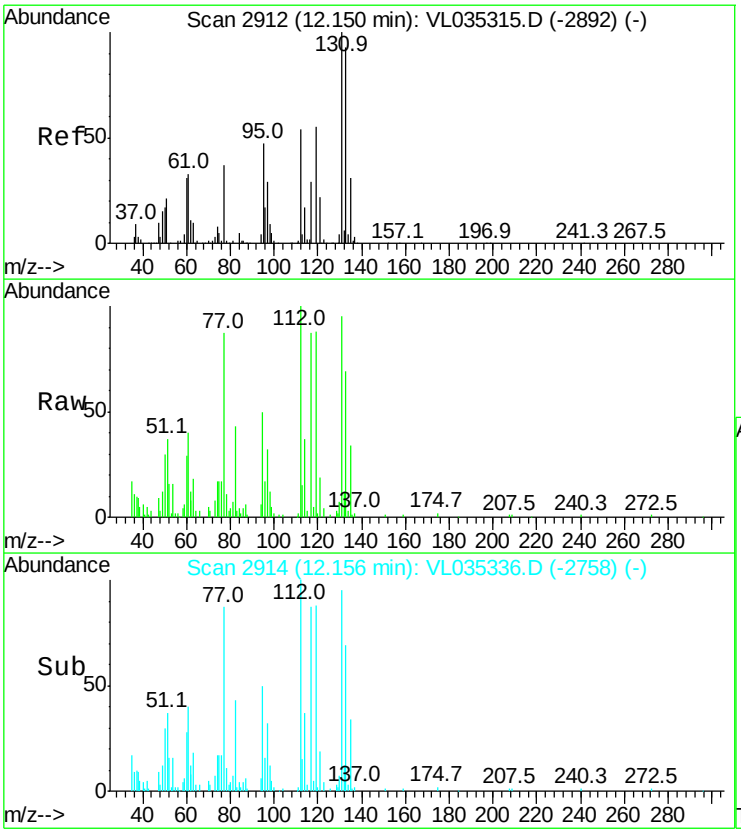
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 3110142

Ion	Ratio	Lower	Upper
117	100		
82	66.5	51.0	76.4
119	34.6	24.7	37.1

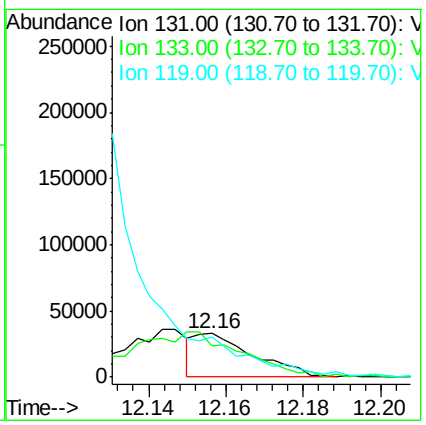


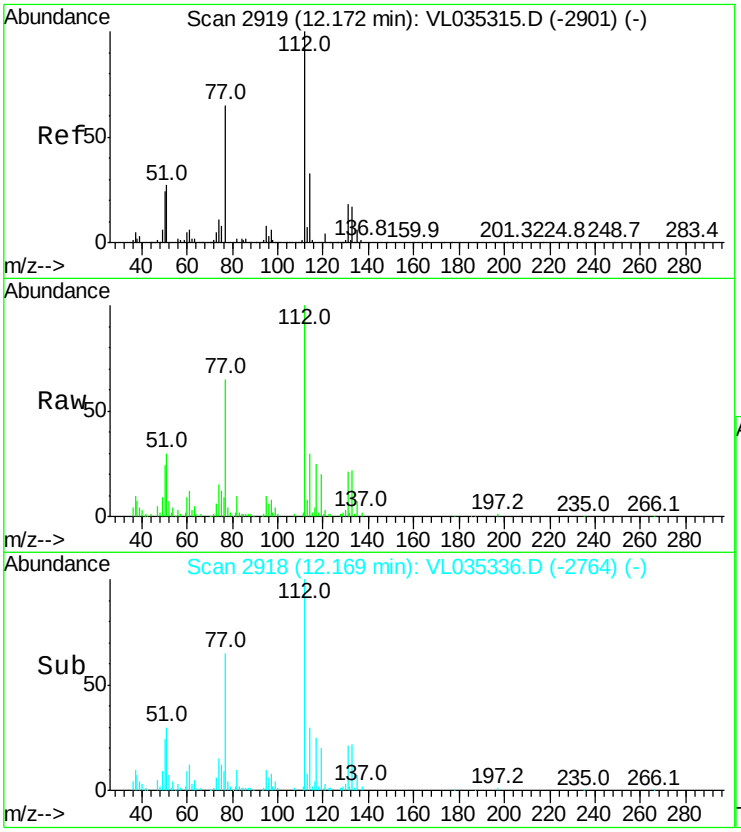


#56
1,1,1,2-Tetrachloroethane
Concen: 0.237 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:131 Resp: 34621

Ion	Ratio	Lower	Upper
131	100		
133	207.2	75.4	113.2#
119	0.0	43.7	65.5#



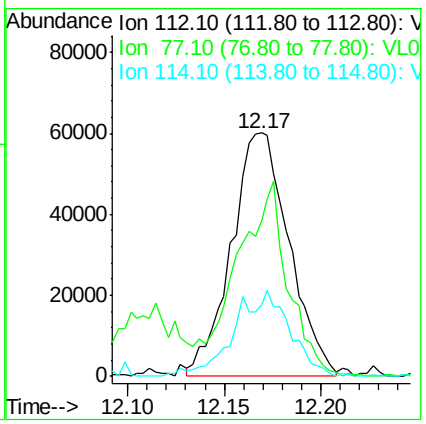


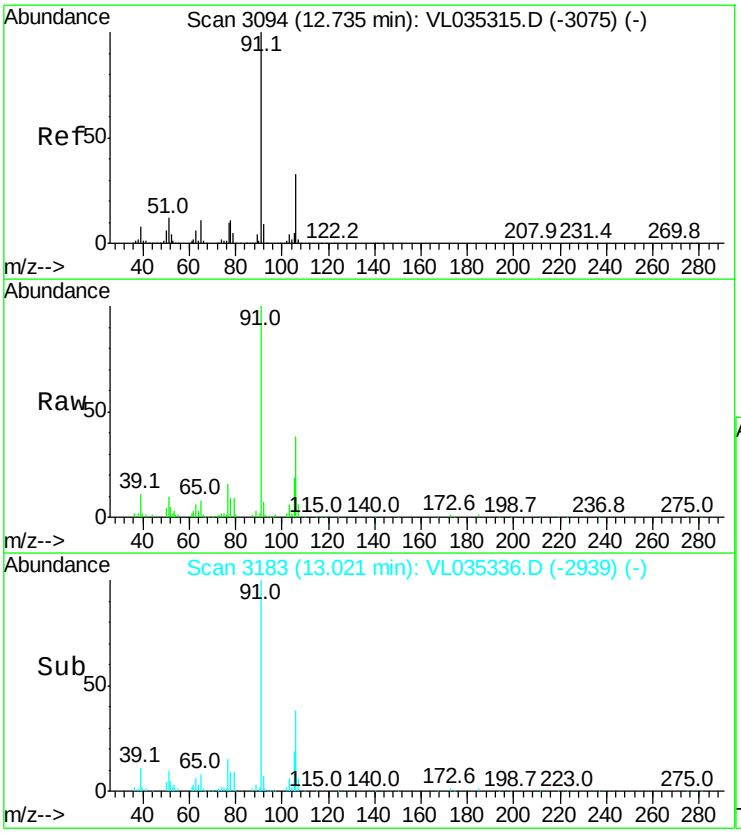
#57
Chlorobenzene
Concen: 0.525 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 125066

Ion	Ratio	Lower	Upper
112	100		
77	63.9	53.3	79.9
114	30.1	29.8	36.4

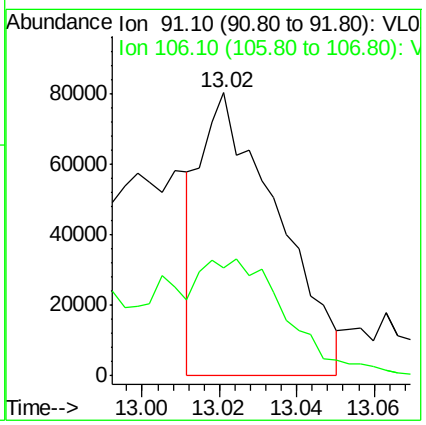


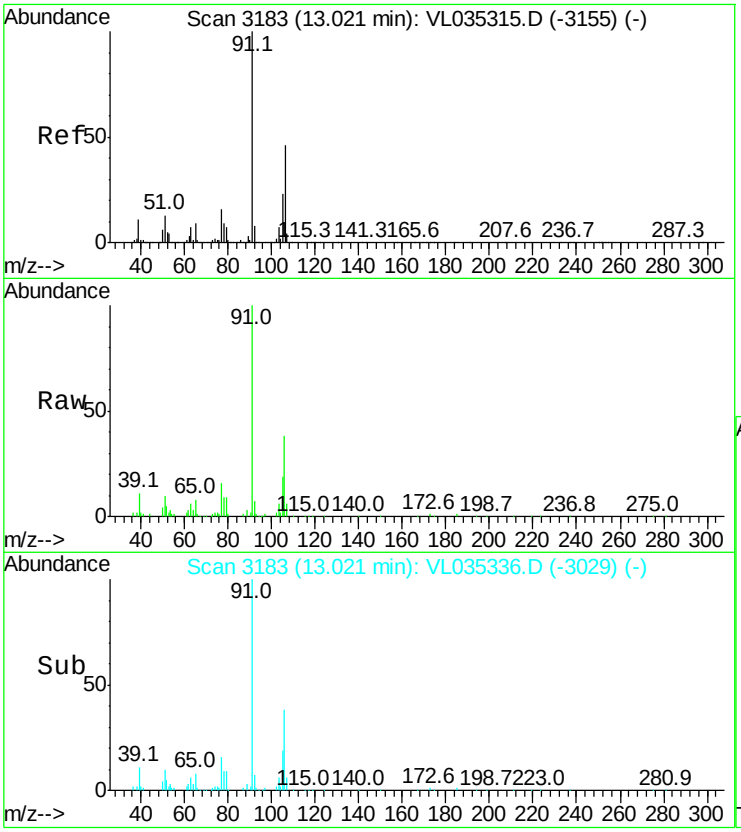


#58
Ethyl Benzene
Concen: 0.326 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. 0.28 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 91 Resp: 111113

Ion	Ratio	Lower	Upper
91	100		
106	39.2	26.8	40.2



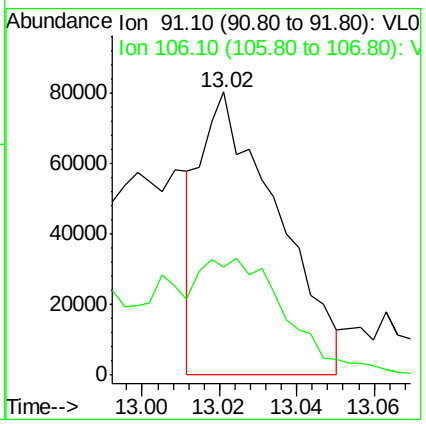


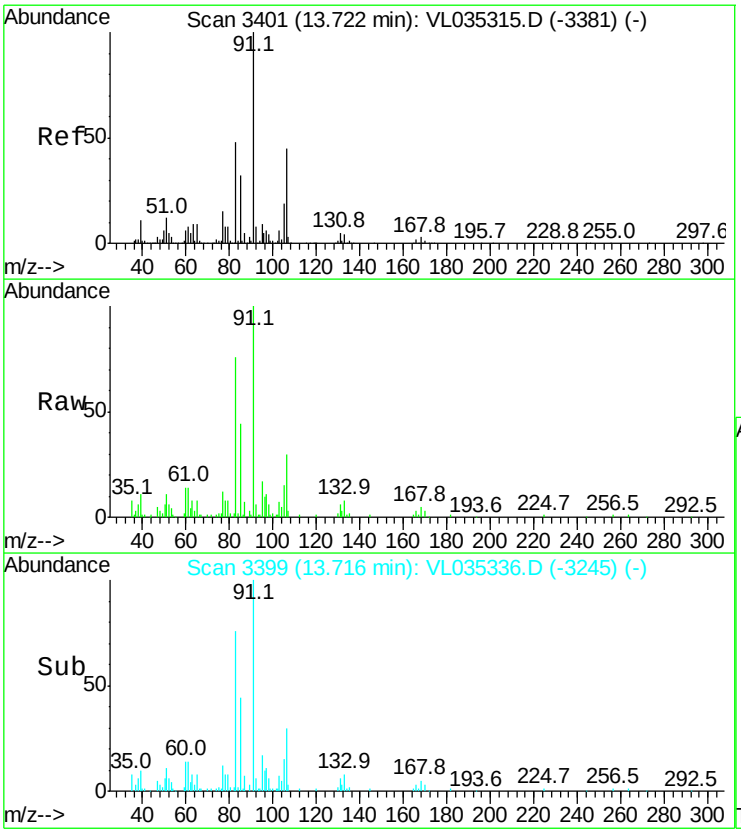
#59
m/p-Xylene
Concen: 0.353 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 111113

Ion	Ratio	Lower	Upper
91	100		
106	94.3	37.8	56.8#

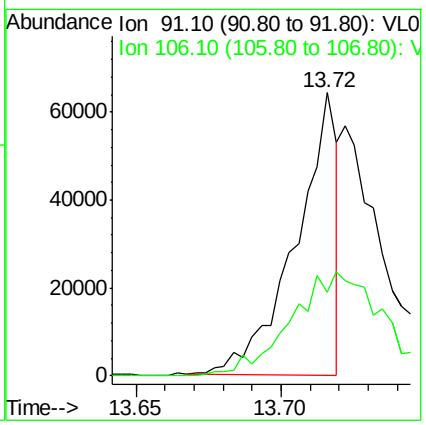


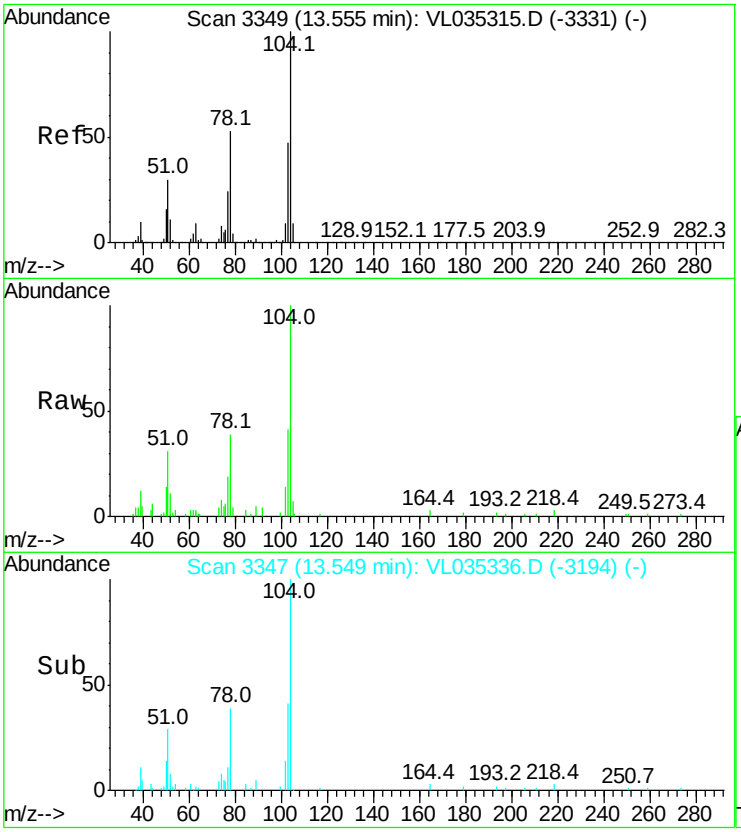


#60
o-Xylene
Concen: 0.204 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 91 Resp: 63496

Ion	Ratio	Lower	Upper
91	100		
106	80.7	22.7	68.0#



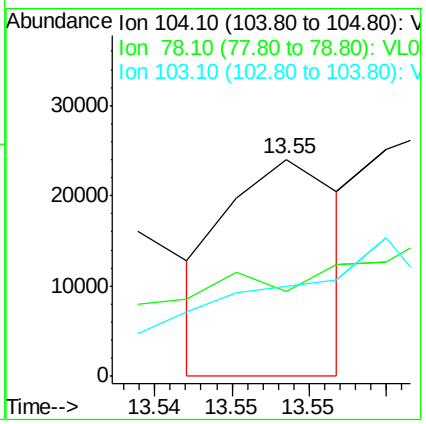


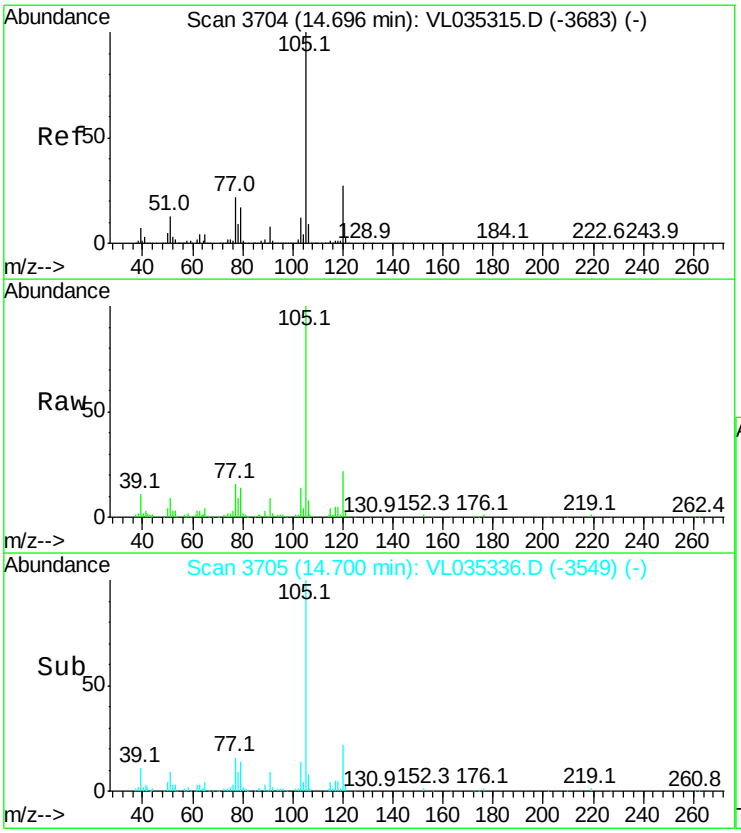
#61
Styrene
Concen: 0.065 ppbv
RT: 13.55 min Scan# 3347
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:104 Resp: 12409

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	63.8#
103	0.0	38.1	57.1#

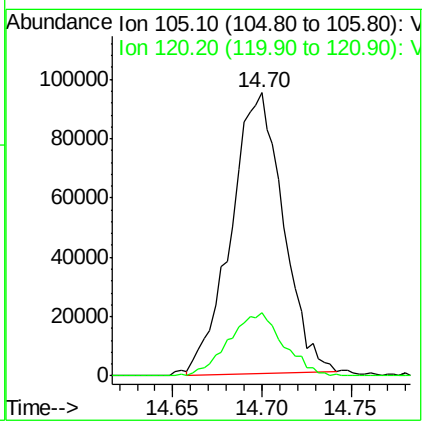


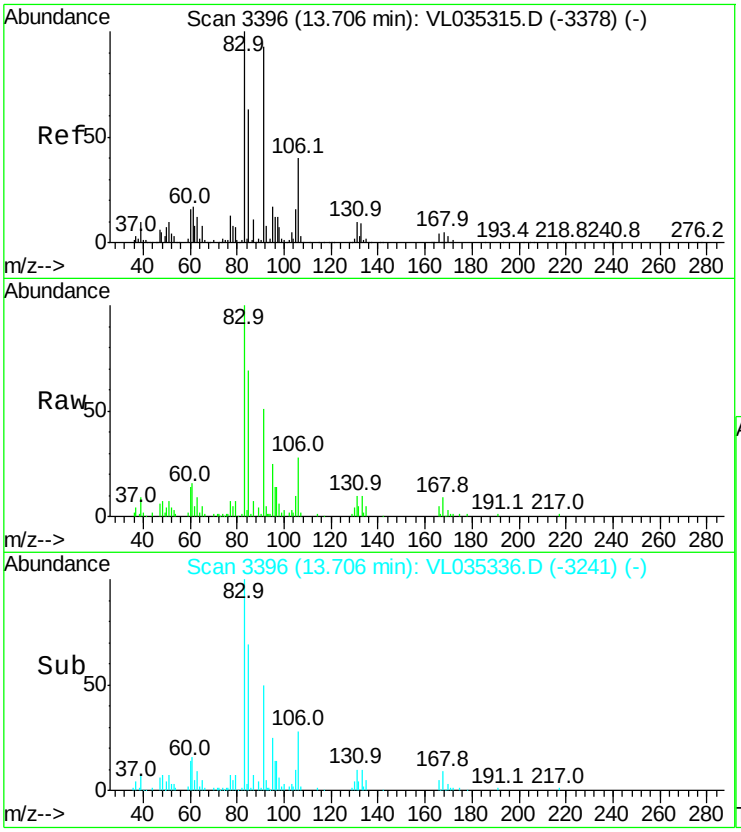


#62
Isopropylbenzene
Concen: 0.413 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:105 Resp: 193560

Ion	Ratio	Lower	Upper
105	100		
120	23.3	21.1	31.7



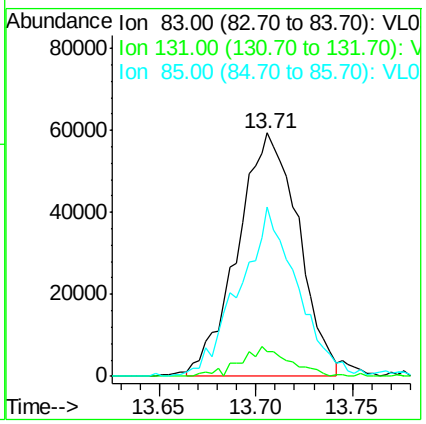


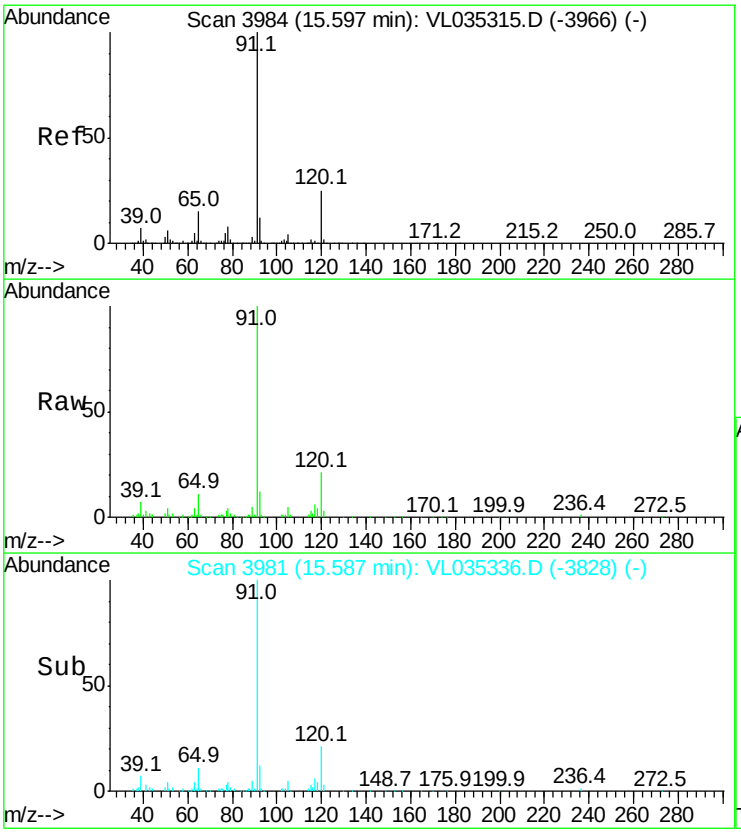
#63
1,1,2,2-Tetrachloroethane
Concen: 0.533 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 129969

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	66.1	32.6	98.0

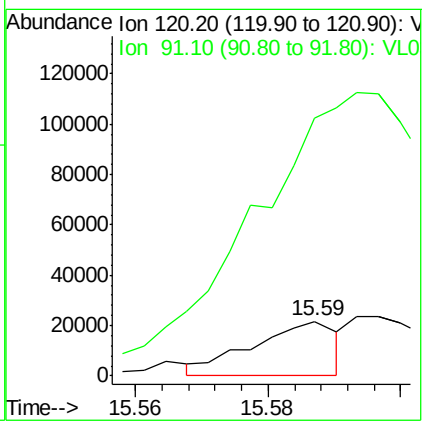


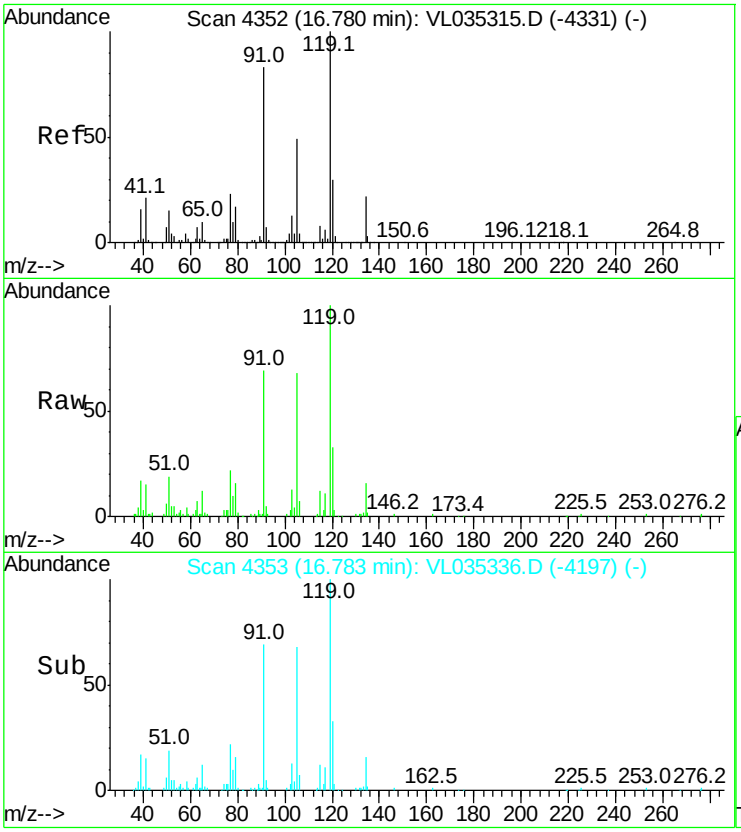


#64
n-propylbenzene
Concen: 0.156 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:120 Resp: 19123

Ion	Ratio	Lower	Upper
120	100		
91	0.0	357.2	535.8#



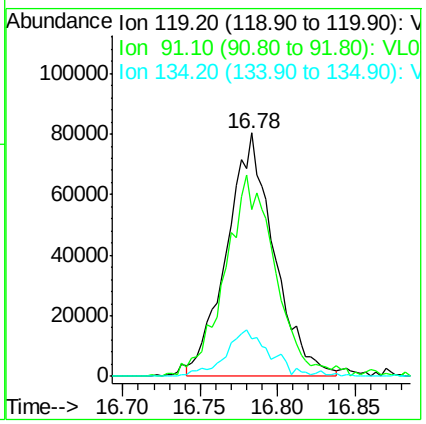


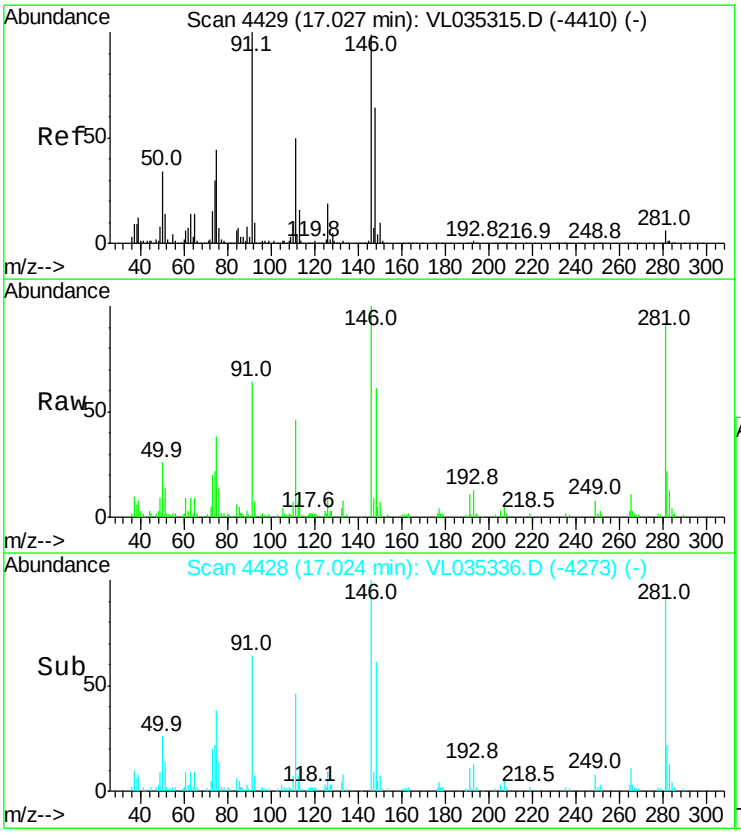
#65
tert-Butylbenzene
Concen: 0.407 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:119 Resp: 170895

Ion	Ratio	Lower	Upper
119	100		
91	89.2	66.3	99.5
134	17.7	16.2	24.2

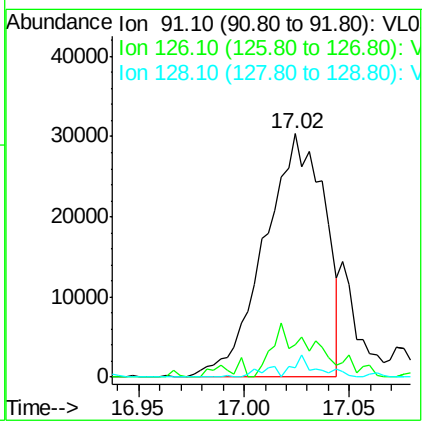


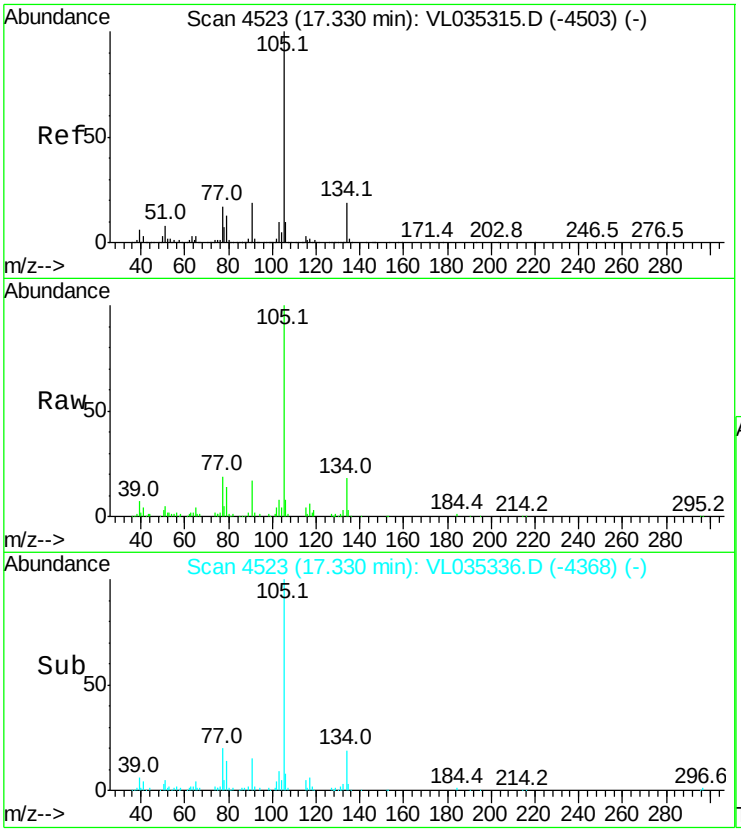


#66
Benzyl Chloride
Concen: 0.369 ppbv
RT: 17.02 min Scan# 4428
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 91 Resp: 59955

Ion	Ratio	Lower	Upper
91	100		
126	18.7	14.1	21.1
128	5.1	4.5	6.7



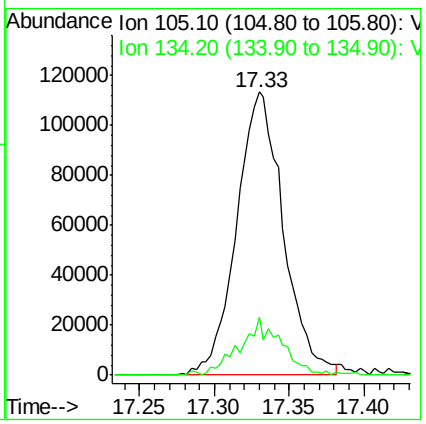


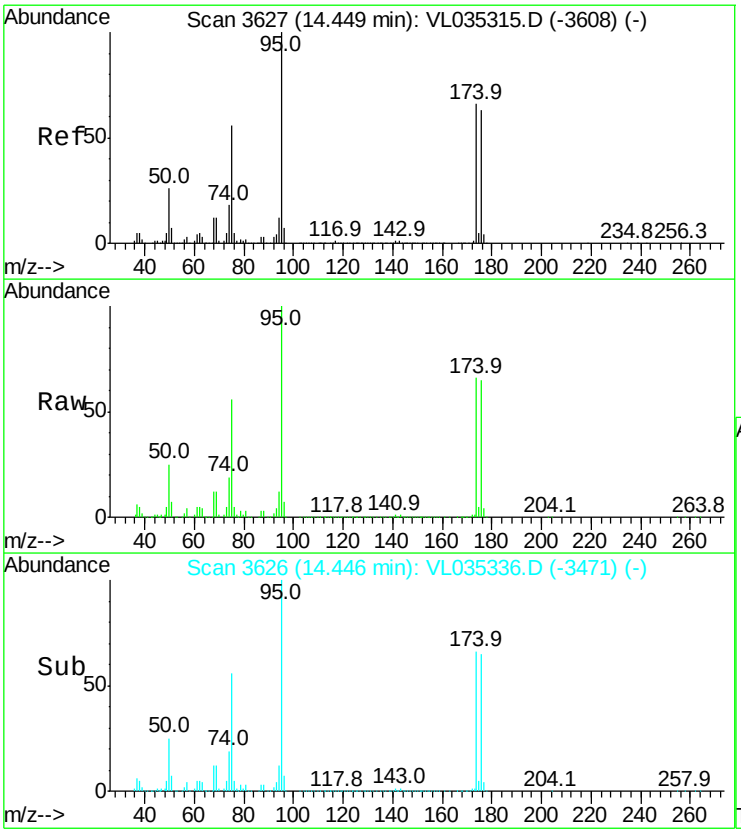
#67
sec-Butylbenzene
Concen: 0.413 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 245110

Ion	Ratio	Lower	Upper
105	100		
134	18.6	15.4	23.2

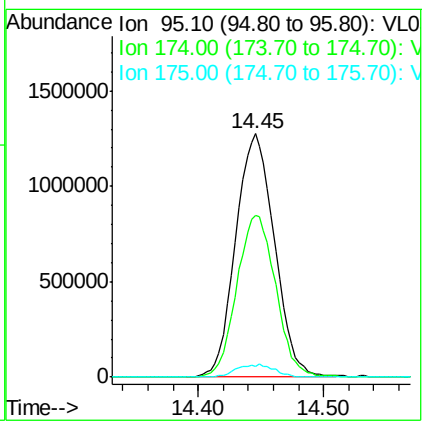


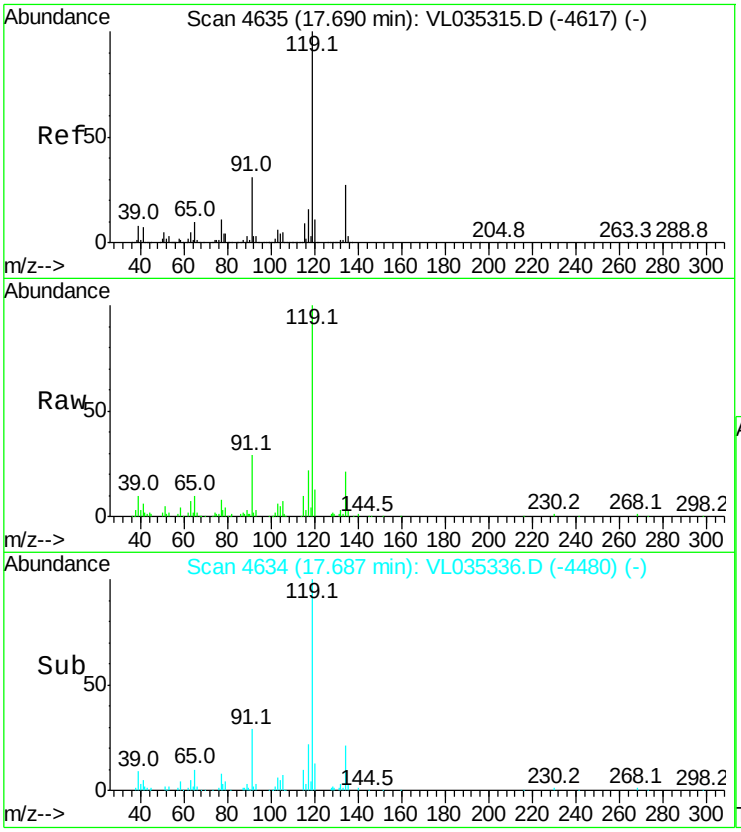


#68
1-Bromo-4-Fluorobenzene
Concen: 10.527 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 95 Resp: 2742468

Ion	Ratio	Lower	Upper
95	100		
174	67.1	53.5	80.3
175	5.1	4.2	6.2



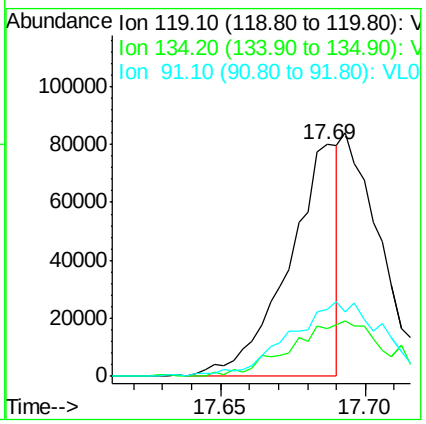


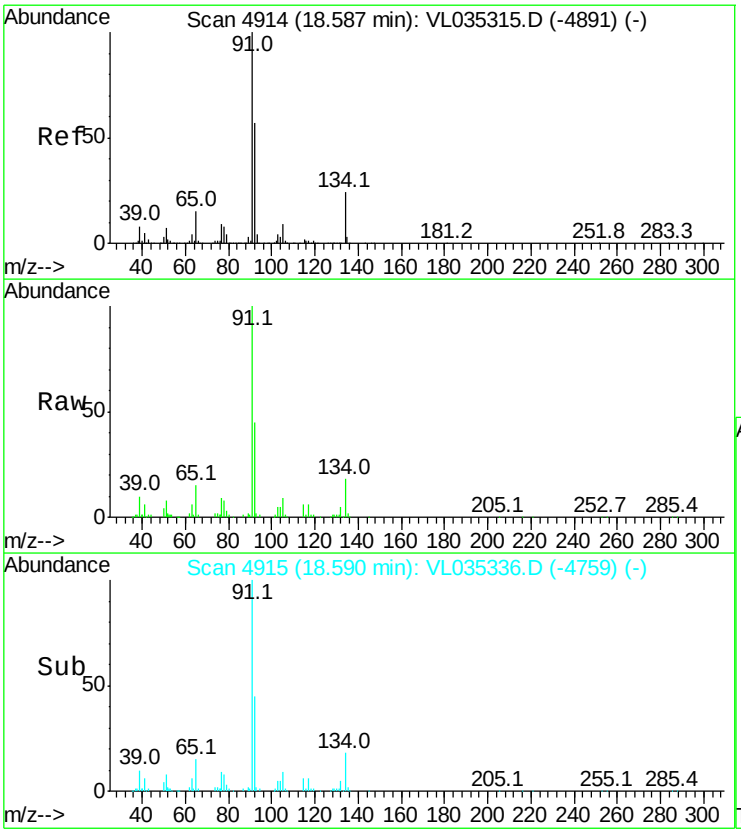
#69
p-Isopropyltoluene
Concen: 0.193 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 94756

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.1	31.7#
91	0.0	24.5	36.7#

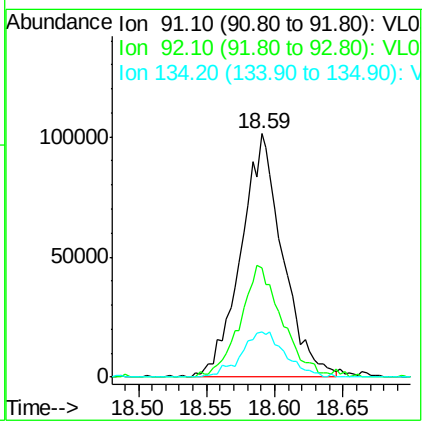


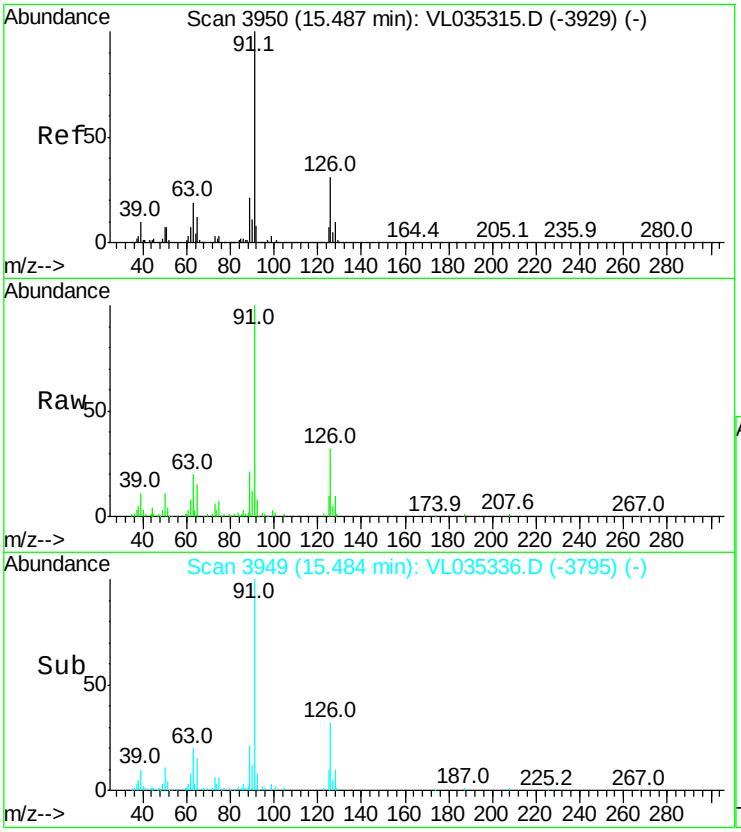


#70
n-Butylbenzene
Concen: 0.405 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion: 91 Resp: 213840

Ion	Ratio	Lower	Upper
91	100		
92	47.3	44.2	66.2
134	20.0	19.0	28.6



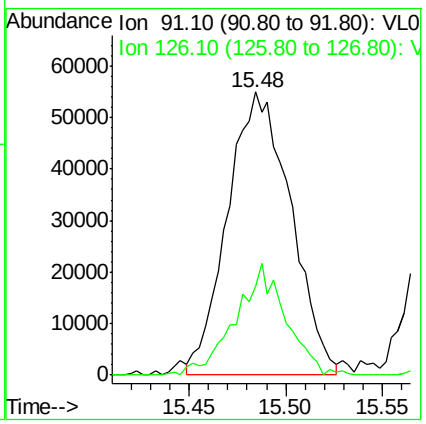


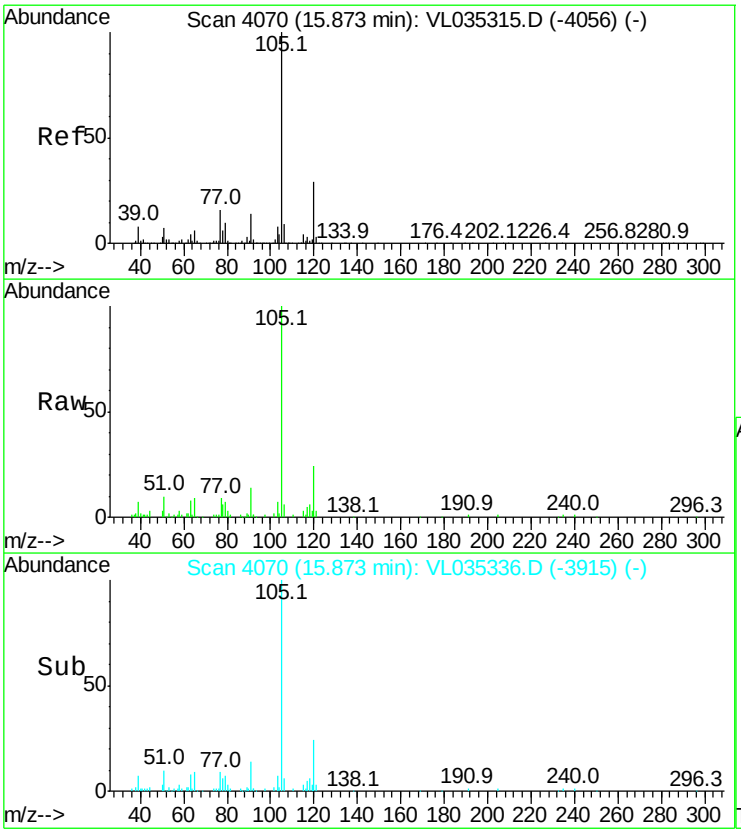
#71
2-Chlorotoluene
Concen: 0.356 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 124627

Ion	Ratio	Lower	Upper
91	100		
126	31.4	12.5	50.1

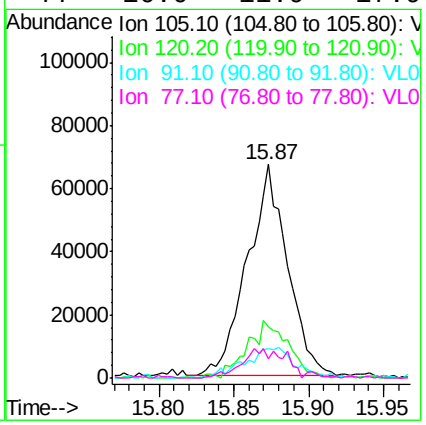


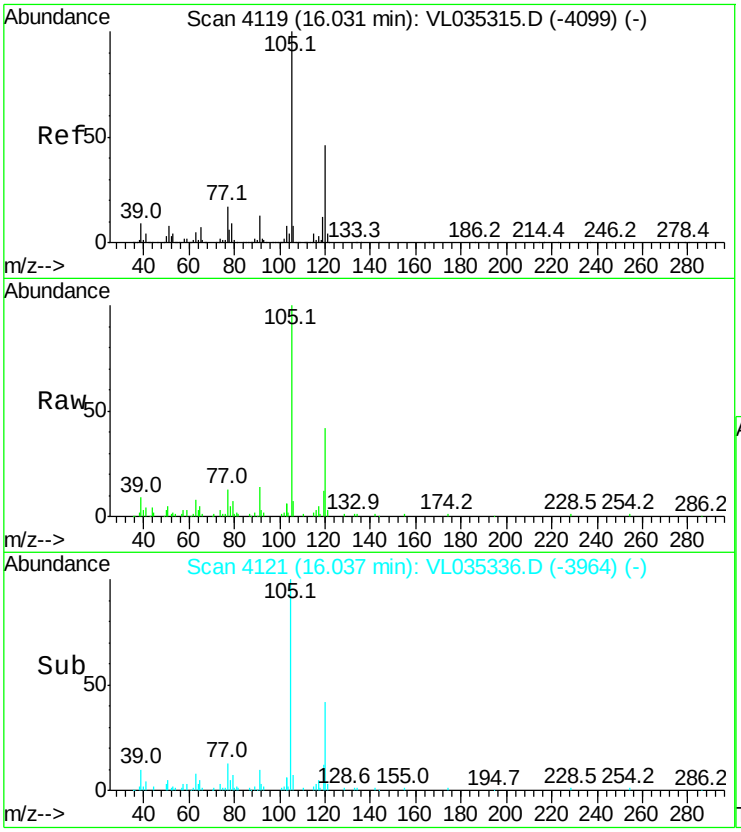


#72
4-Ethyltoluene
Concen: 0.358 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:105 Resp: 125550

Ion	Ratio	Lower	Upper
105	100		
120	28.1	24.0	36.0
91	17.3	10.8	16.2#
77	16.0	11.9	17.9



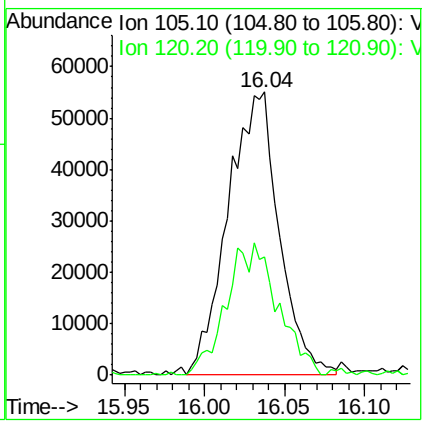


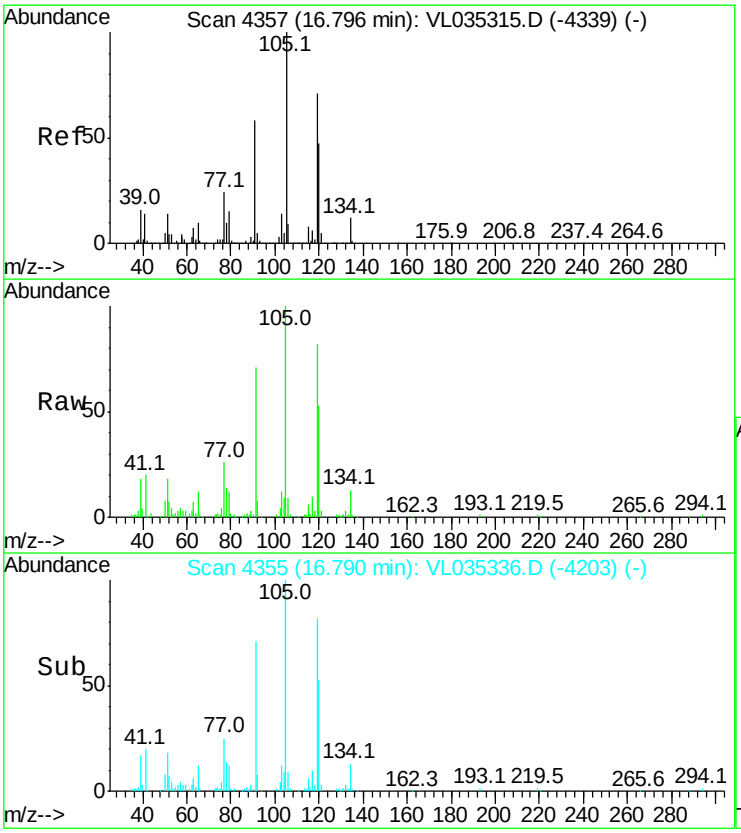
#73
1,3,5-Trimethylbenzene
Concen: 0.353 ppbv
RT: 16.04 min Scan# 4121
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 121159

Ion	Ratio	Lower	Upper
105	100		
120	41.6	36.9	55.3

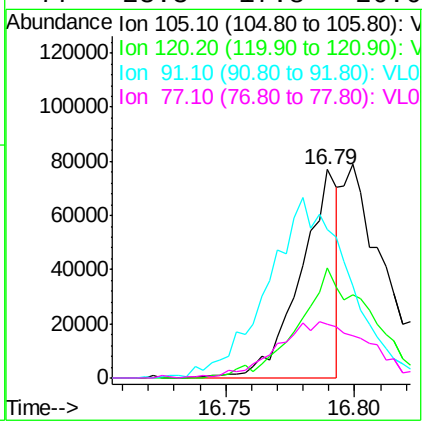


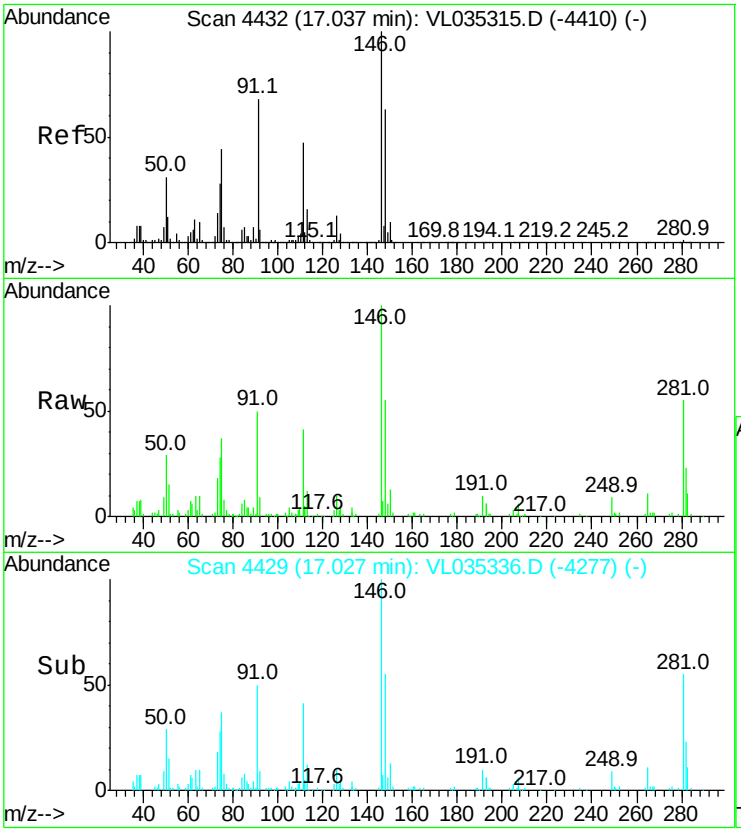


#74
1,2,4-Trimethylbenzene
Concen: 0.194 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:105 Resp: 76456

Ion	Ratio	Lower	Upper
105	100		
120	52.6	38.5	57.7
91	71.0	39.0	58.6#
77	23.3	17.8	26.6



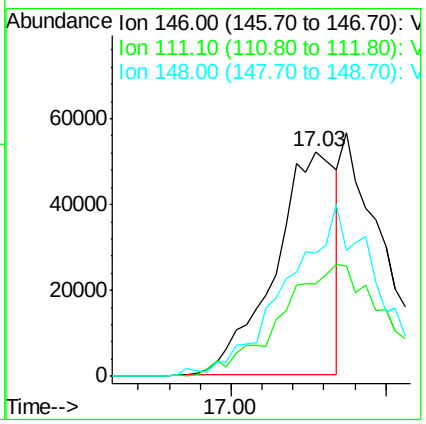


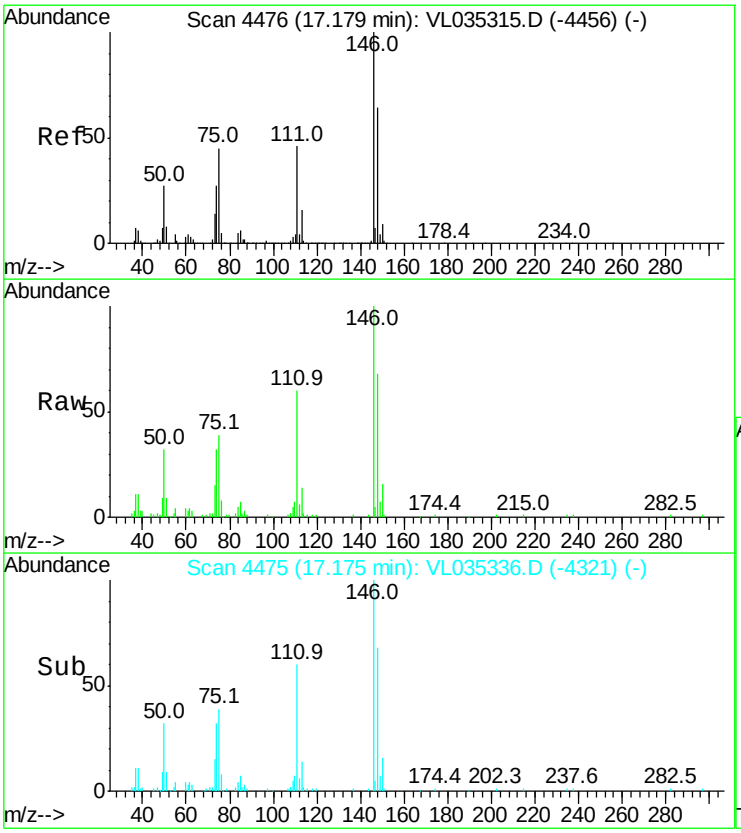
#75
1,3-Dichlorobenzene
Concen: 0.292 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 71530

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.2	72.6#
148	0.0	32.6	98.0#

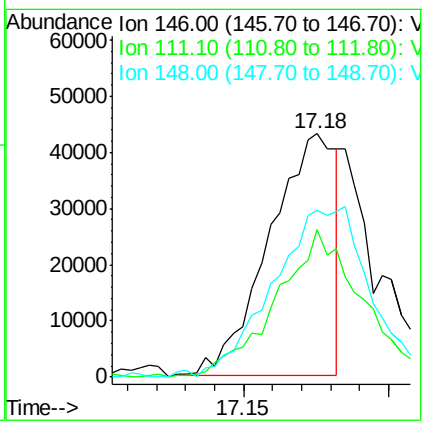


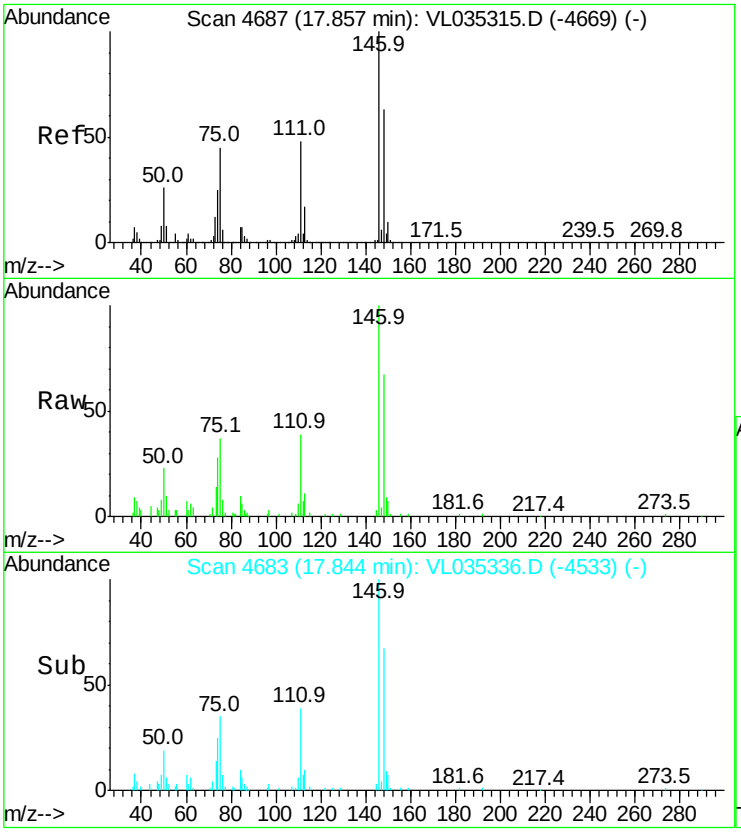


#76
1,4-Dichlorobenzene
Concen: 0.295 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:146 Resp: 68405

Ion	Ratio	Lower	Upper
146	100		
111	79.9	23.3	69.9#
148	0.0	32.1	96.5#



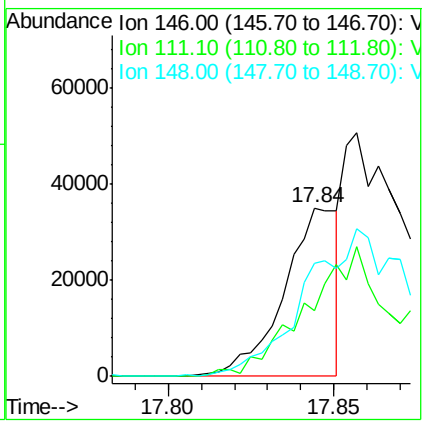


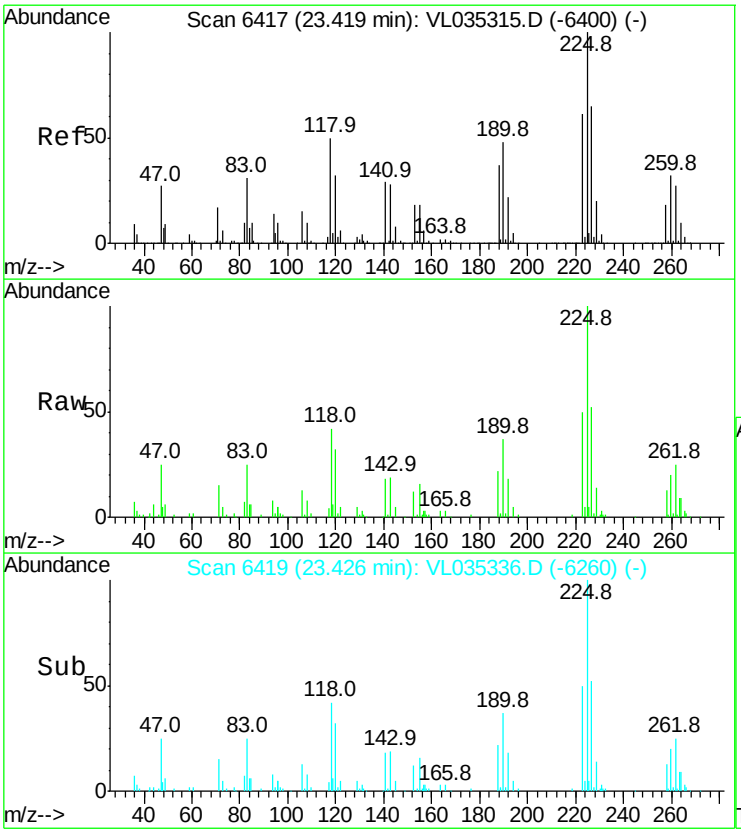
#77
1,2-Dichlorobenzene
Concen: 0.175 ppbv
RT: 17.84 min Scan# 4683
Delta R.T. -0.02 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 39484

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.9	74.7#
148	0.0	31.9	95.9#

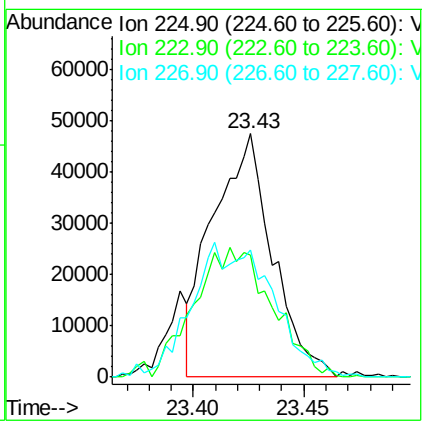


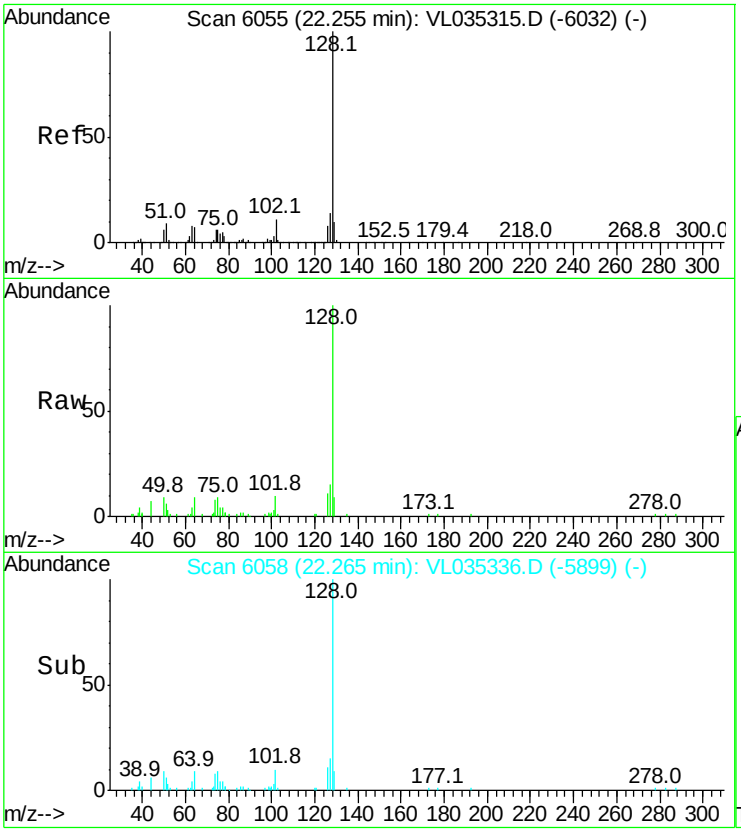


#78
Hexachloro-1,3-Butadiene
Concen: 0.490 ppbv
RT: 23.43 min Scan# 6419
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:225 Resp: 89970

Ion	Ratio	Lower	Upper
225	100		
223	70.7	50.3	75.5
227	73.9	52.7	79.1



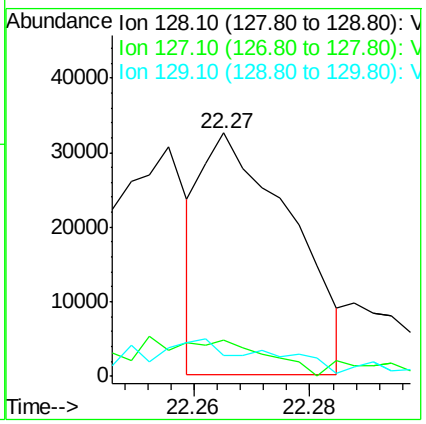


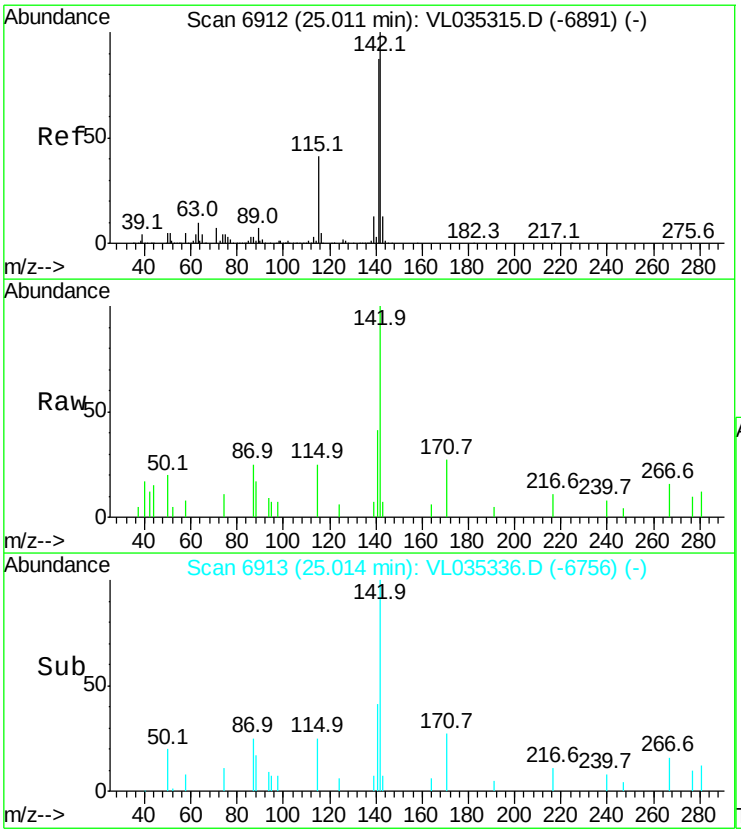
#79
Naphthalene
Concen: 0.112 ppbv
RT: 22.27 min Scan# 6058
Delta R.T. 0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 34845

Ion	Ratio	Lower	Upper
128	100		
127	11.5	11.1	16.7
129	10.6	8.7	13.1

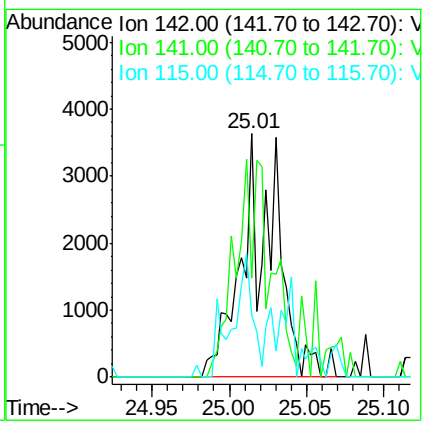


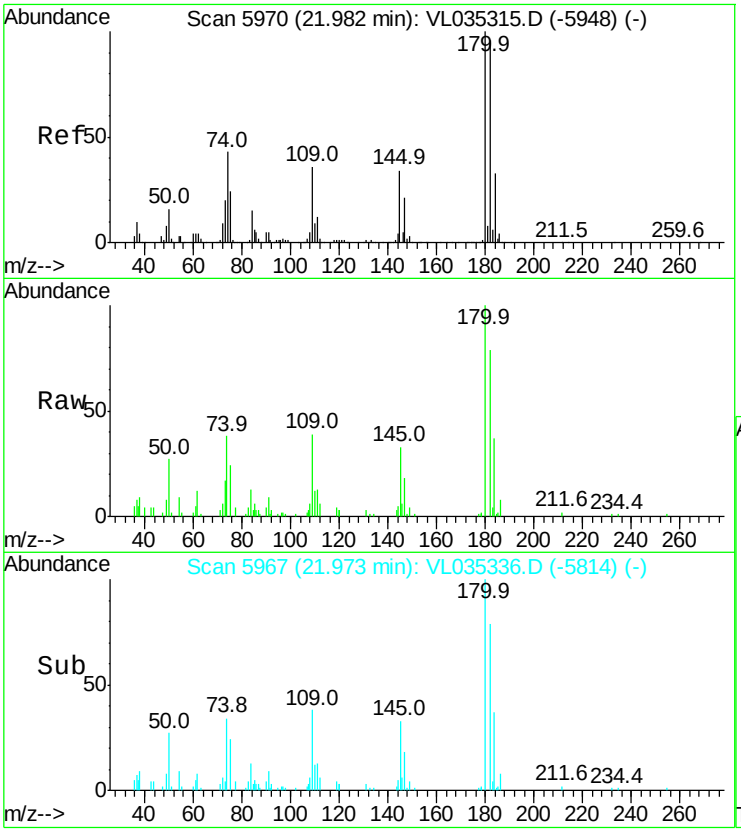


#80
Naphthalene,2-methyl-
Concen: 0.060 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. 0.00 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Tgt Ion:142 Resp: 5507

Ion	Ratio	Lower	Upper
142	100		
141	103.1	69.0	103.6
115	39.1	35.5	53.3





#81
1,2,4-Trichlorobenzene
Concen: 0.095 ppbv
RT: 21.97 min Scan# 5967
Delta R.T. -0.01 min
Lab File: VL035336.D
Acq: 5 Aug 2020 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 18043

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.2	115.8#
184	0.0	25.1	37.7#