Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082320\

Quantitation Report (Not Reviewed)

Data File : VL035494.D
Acq On : 23 Aug 2020 10:09
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 23 10:40:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 10:33:49 2020
QLast Update : Sun Aug 23 10:33:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1024379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4556785	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4573632	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3303032	10.32	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	121915	0.642	ppbv	97
3) Chlorodifluoromethane	2.98	51	62052	0.483	ppbv	99
4) Chloromethane	3.13	50	31239	0.467	ppbv	99
5) Vinyl Chloride	3.25	62	37642	0.471	ppbv	97
6) Bromomethane	3.47	94	34525	0.494	ppbv	96
7) Chloroethane	3.56	64	14483	0.492	ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	124418	0.512	ppbv	100
9) Propene	3.01	41	25541	0.495	ppbv	96
10) Heptane	8.13	43	61175	0.452	ppbv	100
11) Trichlorofluoromethane	3.94	101	148634	0.499	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	110147	0.496	ppbv	98
13) Ethanol	3.61	45	8406	0.444	ppbv	97
14) Bromoethene	3.74	108	44372	0.452	ppbv	96
15) Acetone	3.86	43	60503	0.513	ppbv	89
16) 1,3-Butadiene	3.32	39	21899	0.458	ppbv	96
17) tert-Butyl alcohol	4.30	59	71689	0.470	ppbv	100
18) 1,1-Dichloroethene	4.29	96	45722	0.466	ppbv	93
19) Isopropyl Alcohol	3.97	45	37067	0.456	ppbv #	90
20) Methylene Chloride	4.34	84	78616	0.826	ppbv	96
21) Allyl Chloride	4.41	41	26417	0.441	ppbv	93
22) trans-1,2-Dichloroethene	4.89	96	49356	0.472	ppbv	97
23) Vinyl Acetate	5.07	43	65864	0.391	ppbv #	98
24) 1,1-Dichloroethane	5.01	63	79986	0.476	ppbv	97
25) Ethyl Acetate	5.69	43	112937	0.492	ppbv	98
26) Hexane	5.69	57	70202	0.542	ppbv	94
27) Carbon Disulfide	4.55	76	73941	0.395	ppbv #	90
28) Methyl tert-Butyl Ether	5.05	73	102955	0.435	ppbv	100
29) Chloroform	5.75	83	130811	0.503	ppbv	96
30) Cyclohexane	7.13	84	39493	0.275	ppbv #	62
31) cis-1,2-Dichloroethene	5.55	61	58611	0.430	ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	111835	0.459	ppbv	97
34) 2-Butanone	5.26	43	68776	0.452	ppbv	98
35) Carbon Tetrachloride	7.02	117	112738	0.465	ppbv	98
36) Benzene	6.89	78	153625	0.459	ppbv	98
37) 1,2-Dichloroethane	6.31	62	76655	0.502	ppbv	99
38) Trichloroethene	7.83	130	85616	0.460	ppbv	94
39) 1,2-Dichloropropane	7.61	63	51970	0.471	ppbv	97
40) 1,4-Dioxane	7.87	88	20368	0.339	ppbv #	16
41) Tetrahydrofuran	6.07	42	34558	0.412	ppbv	94
42) Bromodichloromethane	7.79	83	109709	0.429	ppbv #	98
43) Methyl Methacrylate	8.02	69	54021	0.413	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082320\

Quantitation Report (Not Reviewed)

Data File : VL035494.D
Acq On : 23 Aug 2020 10:09
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 23 10:40:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 10:33:49 2020
QLast Update : Sun Aug 23 10:33:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	204465	0.468	ppbv		100
45) t-1,3-Dichloropropene	9.28	75	46969	0.349	ppbv		92
46) cis-1,3-Dichloropropene	8.71	75	61377	0.366	ppbv		95
47) 1,1,2-Trichloroethane	9.48	97	77870	0.473	ppbv		98
48) Dibromochloromethane	10.31	129	102817	0.372	ppbv		99
49) Bromoform	13.05	173	88401	0.332	ppbv		97
50) 4-Methyl-2-Pentanone	8.76	43	92240	0.422	ppbv		99
51) 2-Hexanone	10.16	43	69295	0.376	ppbv	#	95
52) Tetrachloroethene	11.23	164	91178	0.447	ppbv		97
53) Toluene	9.81	91	186077	0.432	ppbv		97
54) 1,2-Dibromoethane	10.62	107	120706	0.451	ppbv		94
56) 1,1,1,2-Tetrachloroethane	12.13	131	95373	0.440	ppbv	#	1
57) Chlorobenzene	12.16	112	193598	0.507	ppbv	#	90
58) Ethyl Benzene	12.72	91	250888	0.454	ppbv		92
59) m/p-Xylene	13.01	91	231200	0.495	ppbv	#	40
60) o-Xylene	13.70	91	213789	0.471	ppbv		97
61) Styrene	13.54	104	145410	0.397	ppbv		97
62) Isopropylbenzene	14.68	105	358509	0.482	ppbv		93
63) 1,1,2,2-Tetrachloroethane	13.69	83	162932	0.500	ppbv		99
64) n-propylbenzene	15.58	120	101933	0.445	ppbv		70
65) tert-Butylbenzene	16.76	119	329600	0.456	ppbv		96
66) Benzyl Chloride	17.00	91	22724	0.131	ppbv	#	61
67) sec-Butylbenzene	17.31	105	449064	0.472	ppbv		92
69) p-Isopropyltoluene	17.67	119	374906	0.444	ppbv		95
70) n-Butylbenzene	18.57	91	370090	0.464	ppbv		92
71) 2-Chlorotoluene	15.46	91	245438	0.455	ppbv		97
72) 4-Ethyltoluene	15.86	105	261134	0.439	ppbv		98
73) 1,3,5-Trimethylbenzene	16.01	105	241334	0.436	ppbv		96
74) 1,2,4-Trimethylbenzene	16.78	105	283290	0.471	ppbv		97
75) 1,3-Dichlorobenzene	17.01	146	217571	0.468	ppbv		97
76) 1,4-Dichlorobenzene	17.16	146	209511	0.457	ppbv		99
77) 1,2-Dichlorobenzene	17.84	146	216768	0.476	ppbv		96
78) Hexachloro-1,3-Butadiene	23.40	225	148111	0.411	ppbv		98
79) Naphthalene	22.23	128	320593	0.378	ppbv		96
80) Naphthalene,2-methyl-	25.00	142	98715	0.282	ppbv		99
81) 1,2,4-Trichlorobenzene	21.96	180	201105	0.394	ppbv		99

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

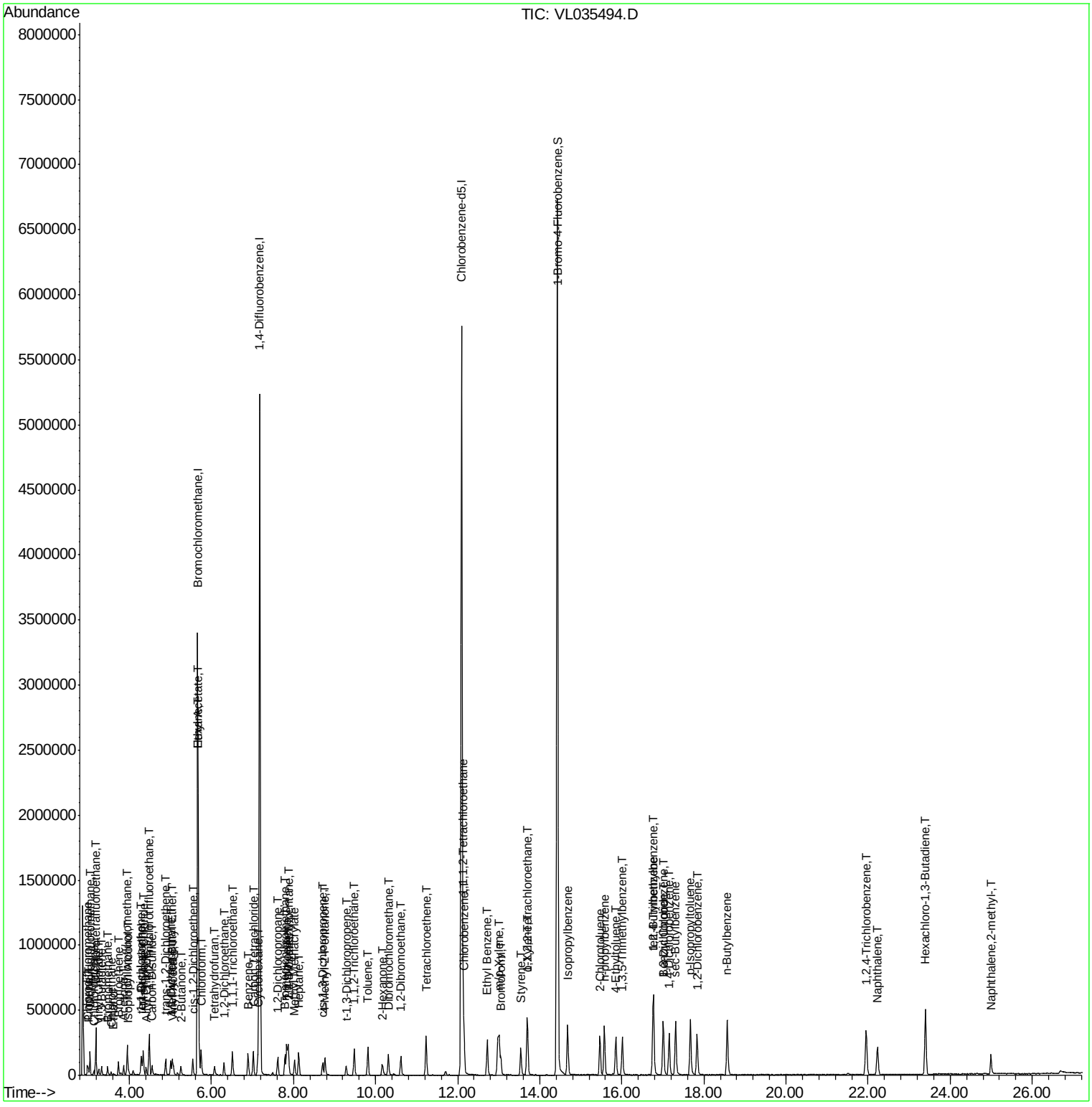
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082320\

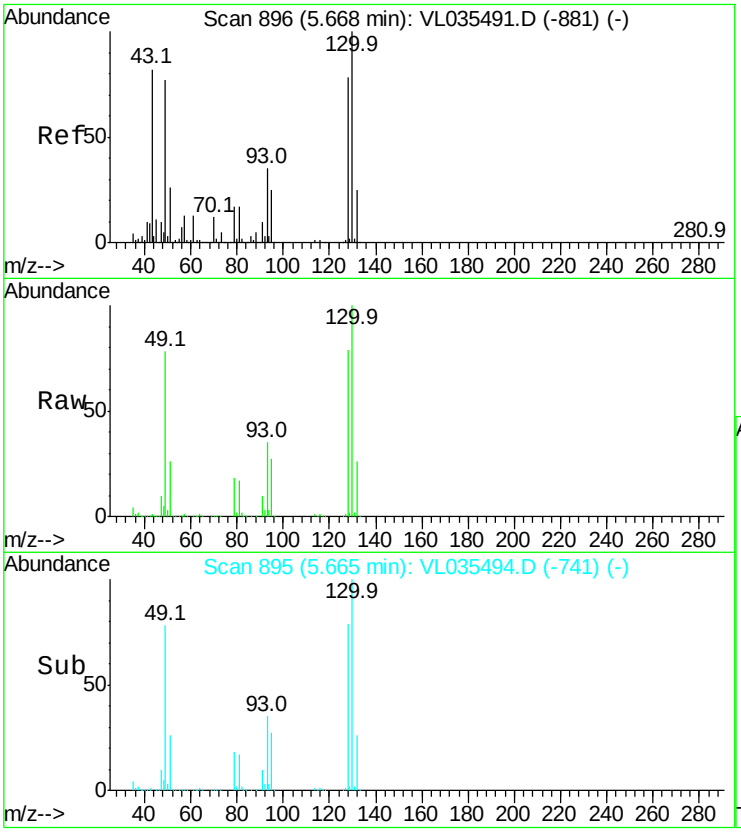
Quantitation Report (Not Reviewed)

Data File : VL035494.D
Acq On : 23 Aug 2020 10:09
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 23 10:40:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 10:33:49 2020
QLast Update : Sun Aug 23 10:33:49 2020
Response via : Initial Calibration



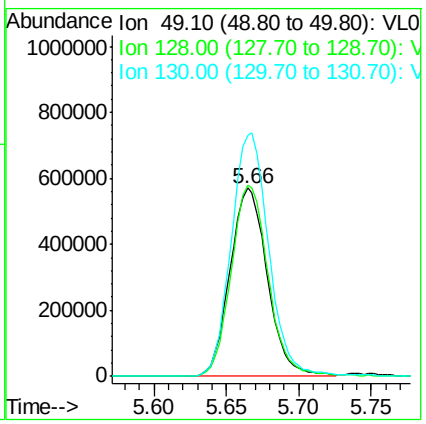


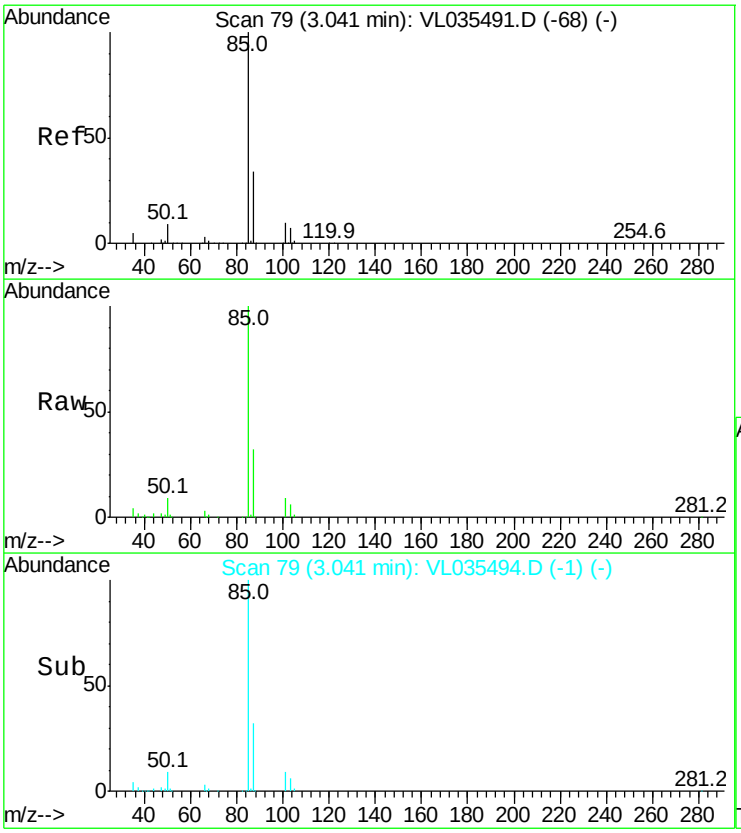
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1024379

Ion	Ratio	Lower	Upper
49	100		
128	101.6	51.6	154.9
130	130.8	66.1	198.4

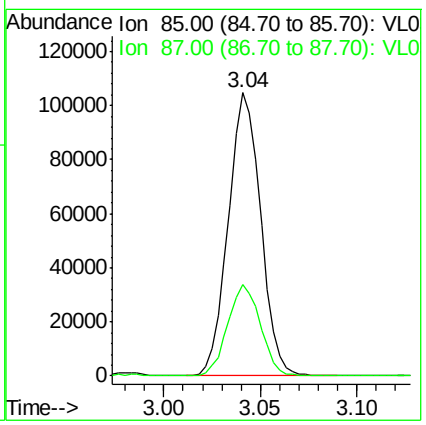


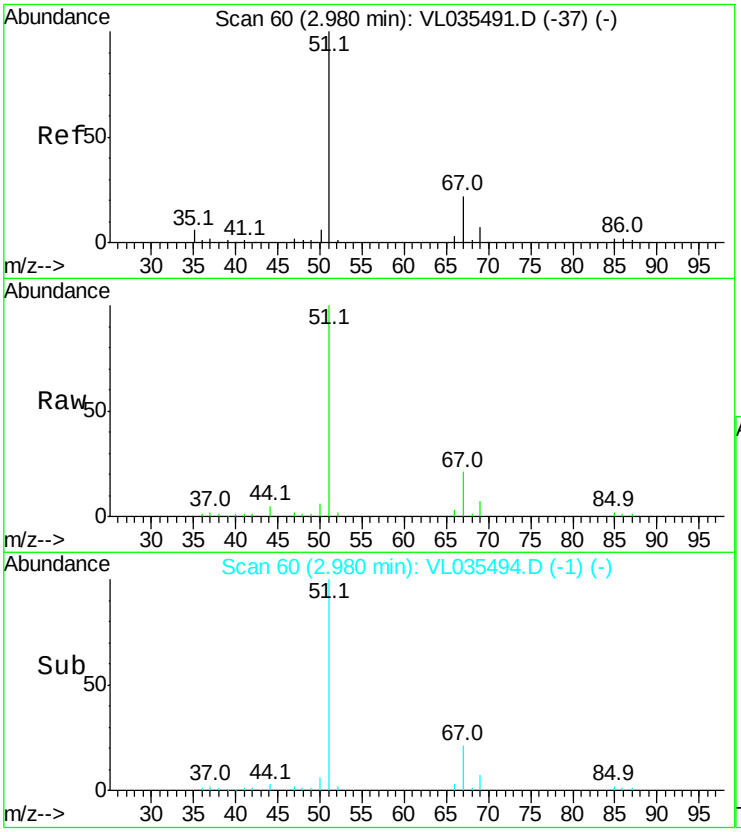


#2
Dichlorodifluoromethane
Concen: 0.642 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 85 Resp: 121915

Ion	Ratio	Lower	Upper
85	100		
87	32.4	27.3	40.9



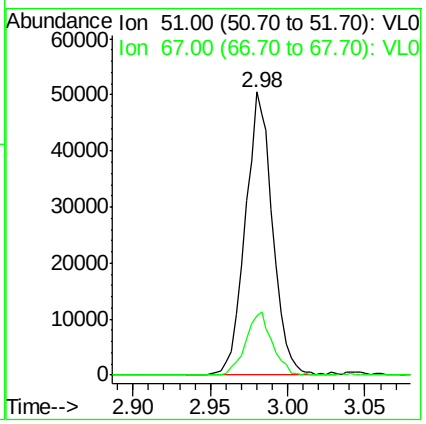


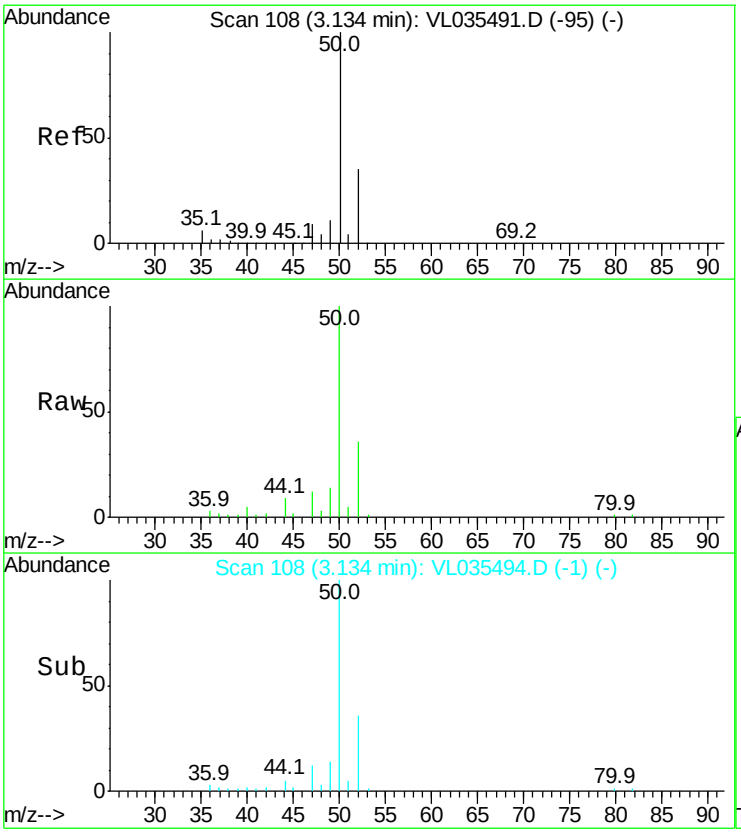
#3
Chlorodifluoromethane
Concen: 0.483 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 62052

Ion	Ratio	Lower	Upper
51	100		
67	21.7	17.9	26.9

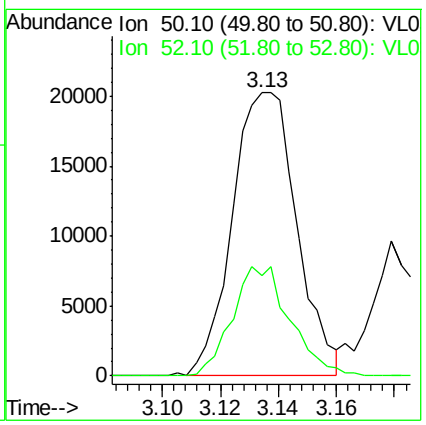


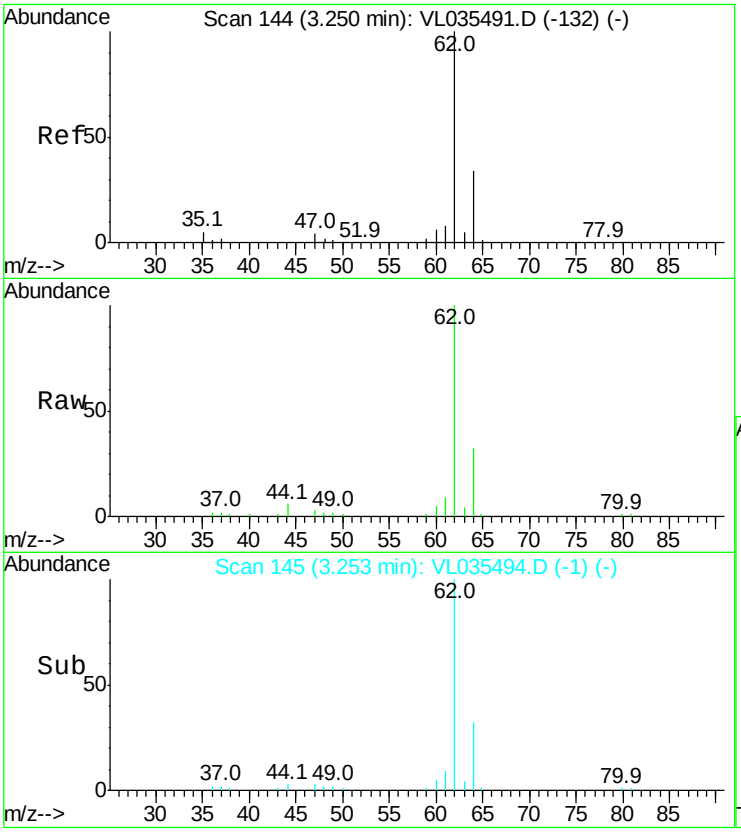


#4
Chloromethane
Concen: 0.467 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 50 Resp: 31239

Ion	Ratio	Lower	Upper
50	100		
52	35.7	28.2	42.2



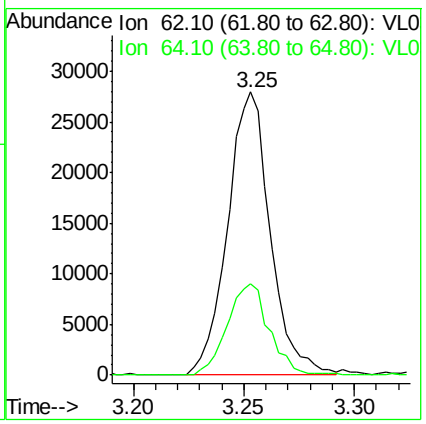


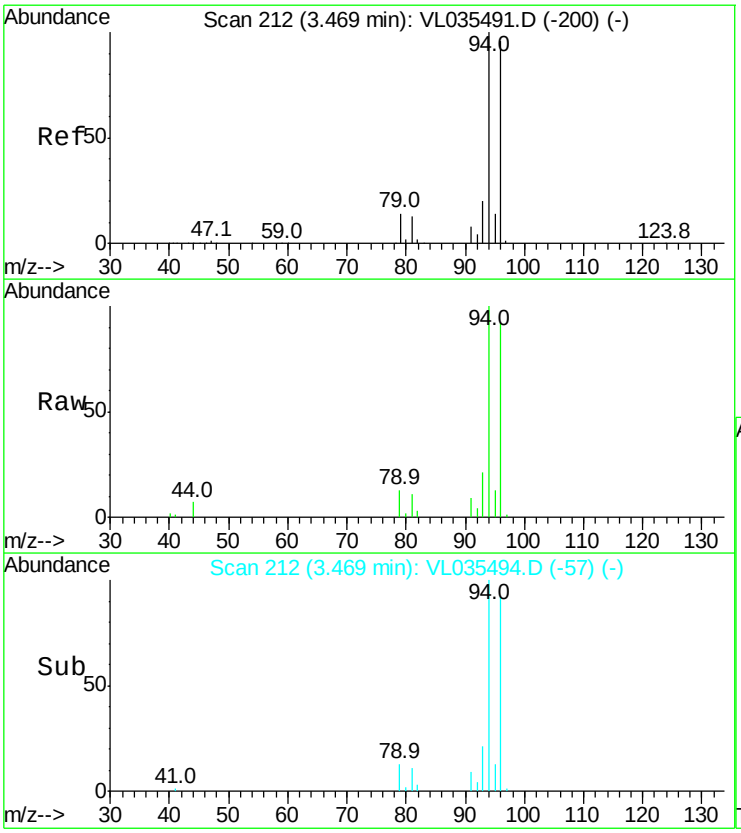
#5
Vinyl Chloride
Concen: 0.471 ppbv
RT: 3.25 min Scan# 145
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 37642

Ion	Ratio	Lower	Upper
62	100		
64	32.1	27.1	40.7

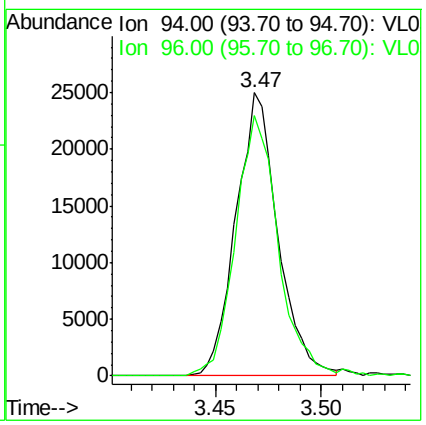


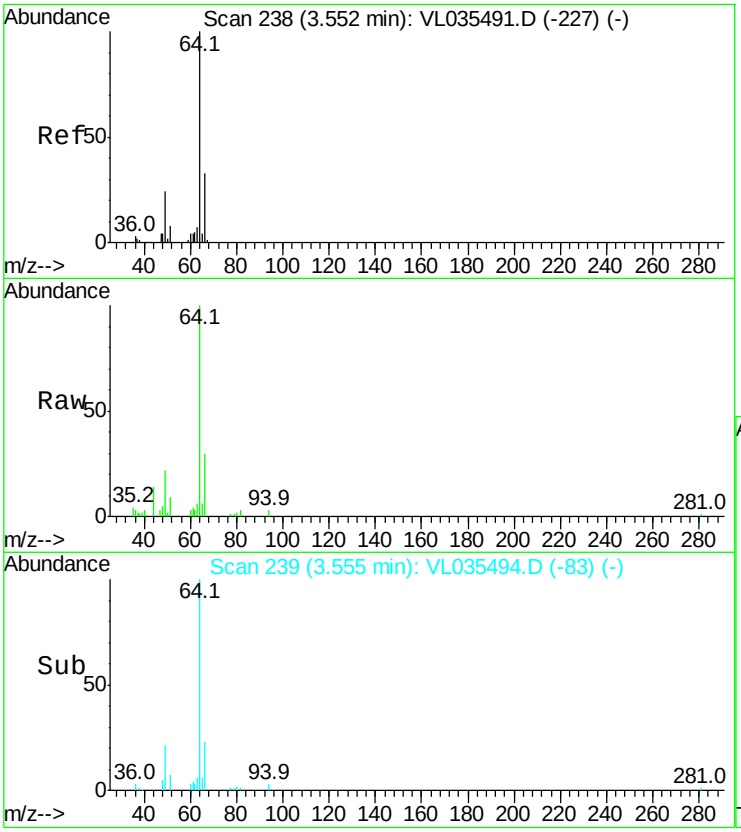


#6
Bromomethane
Concen: 0.494 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 94 Resp: 34525

Ion	Ratio	Lower	Upper
94	100		
96	92.1	76.6	115.0



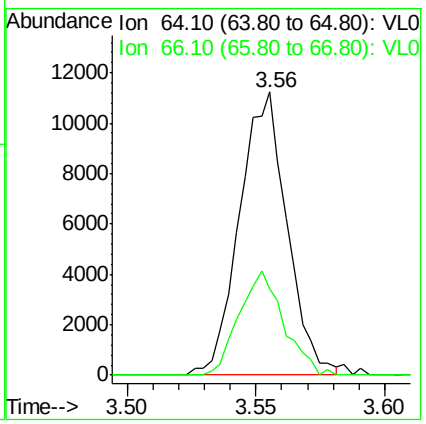


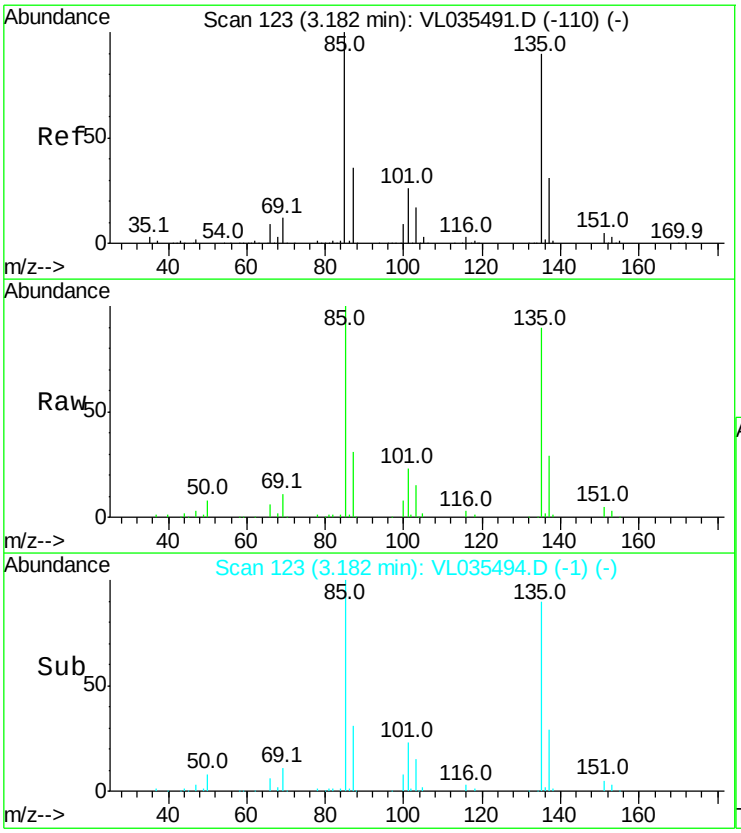
#7
Chloroethane
Concen: 0.492 ppbv
RT: 3.56 min Scan# 239
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 14483

Ion	Ratio	Lower	Upper
64	100		
66	30.4	26.2	39.2

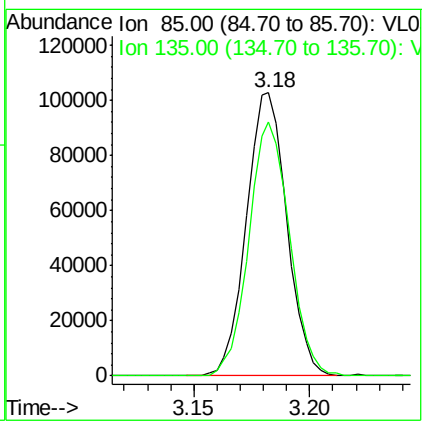


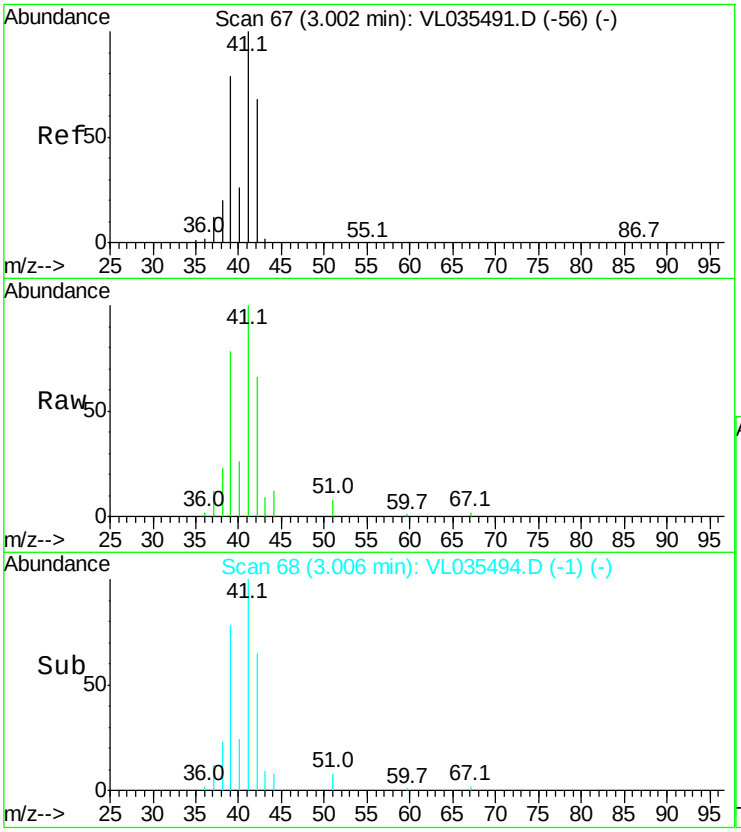


#8
Dichlorotetrafluoroethane
Concen: 0.512 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 85 Resp: 124418

Ion	Ratio	Lower	Upper
85	100		
135	90.2	71.8	107.6



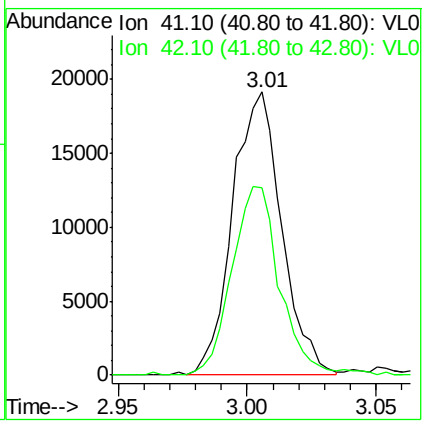


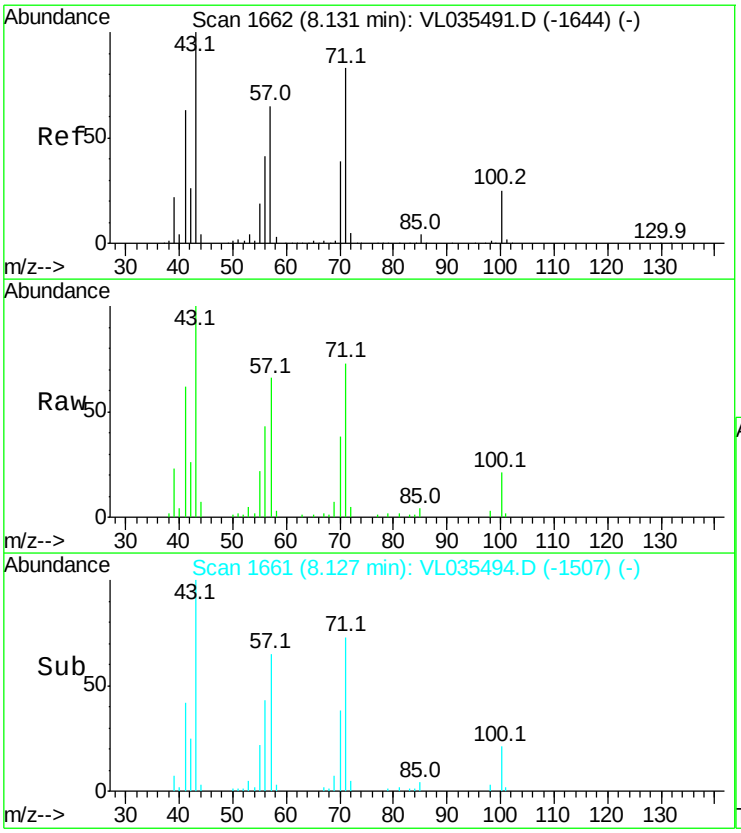
#9
Propene
Concen: 0.495 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 25541

Ion	Ratio	Lower	Upper
41	100		
42	65.5	55.3	82.9

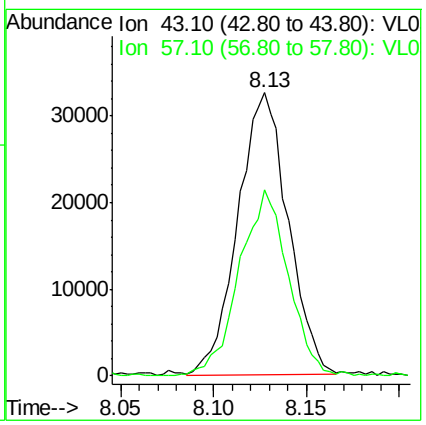


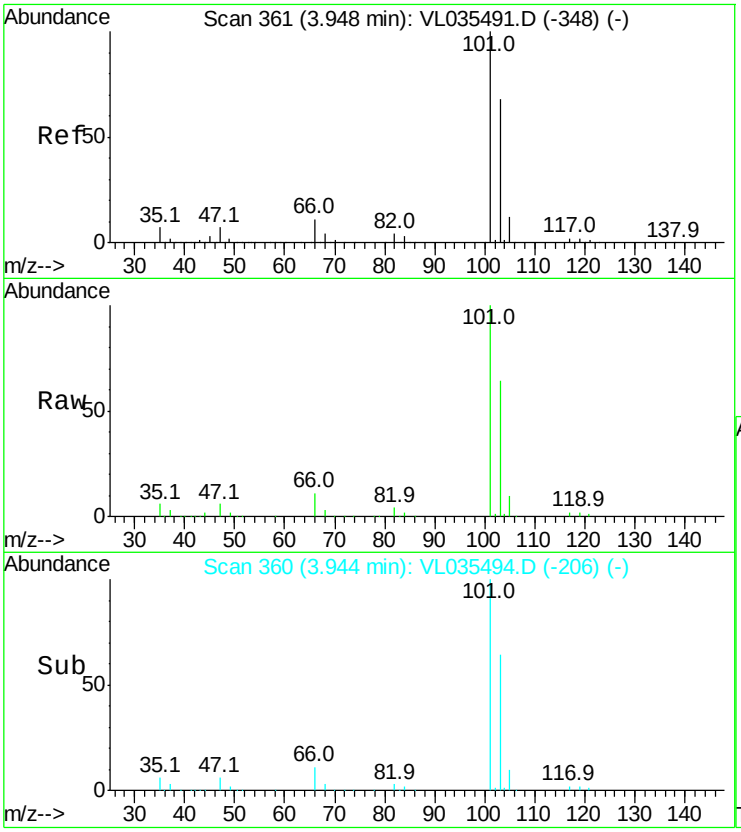


#10
Heptane
Concen: 0.452 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 43 Resp: 61175

Ion	Ratio	Lower	Upper
43	100		
57	64.6	51.4	77.2



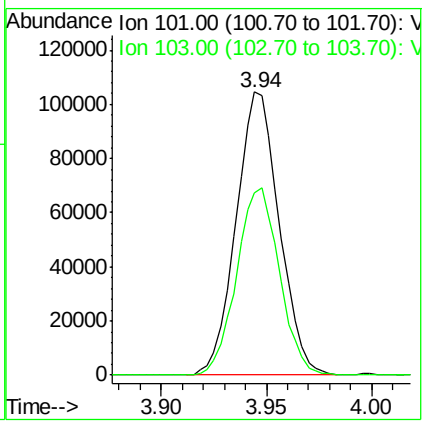


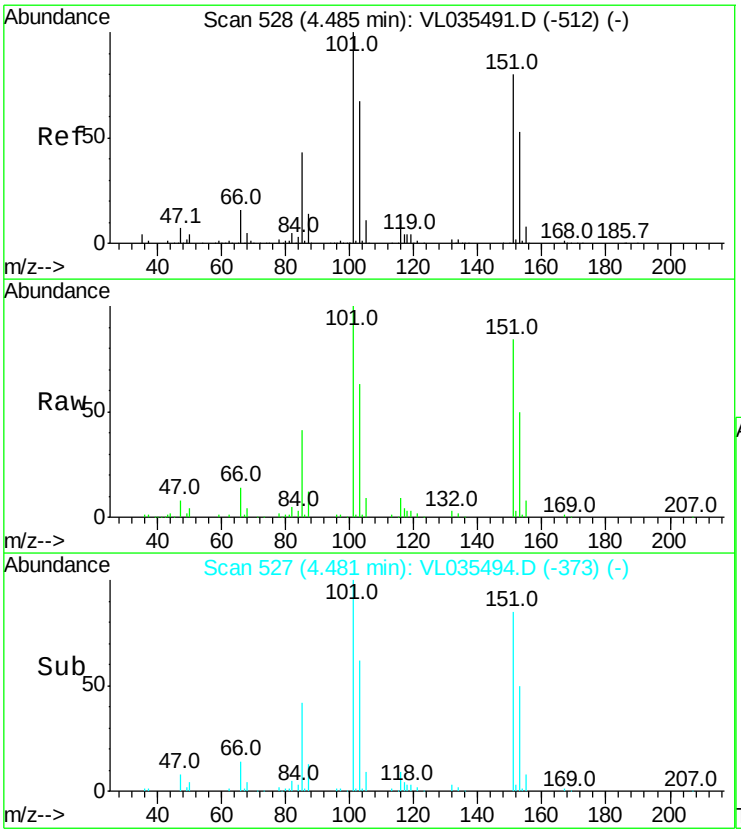
#11
Trichlorofluoromethane
Concen: 0.499 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 148634

Ion	Ratio	Lower	Upper
101	100		
103	64.3	54.4	81.6

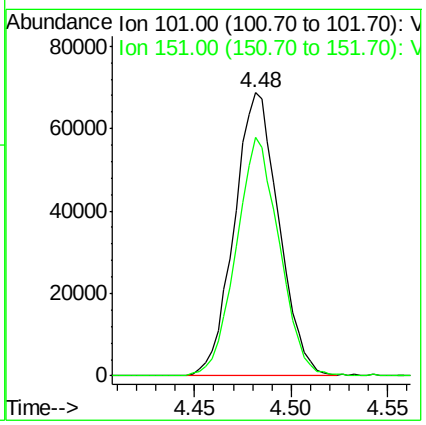


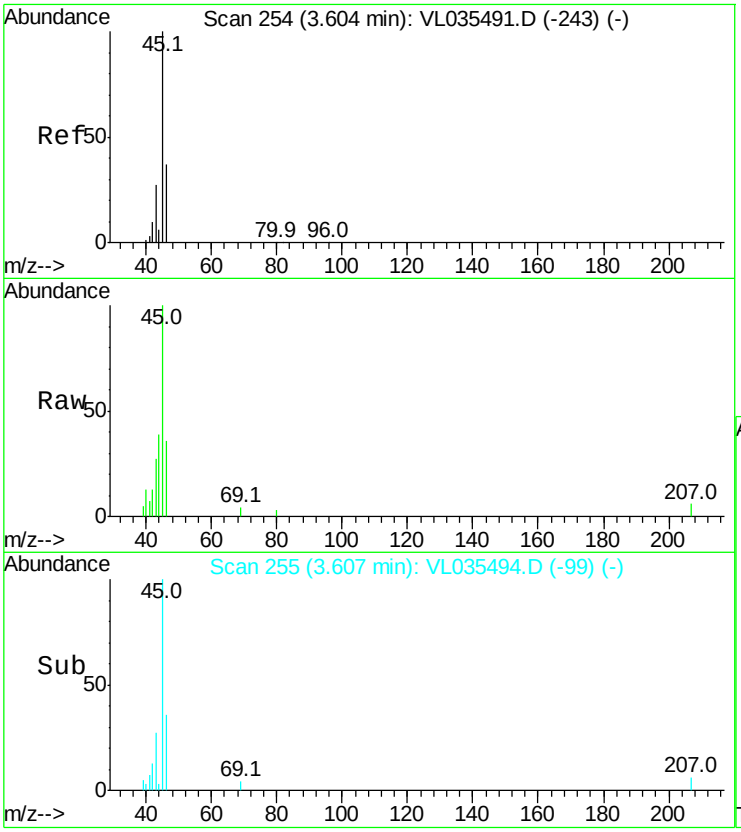


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.496 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:101 Resp: 110147

Ion	Ratio	Lower	Upper
101	100		
151	81.7	64.1	96.1



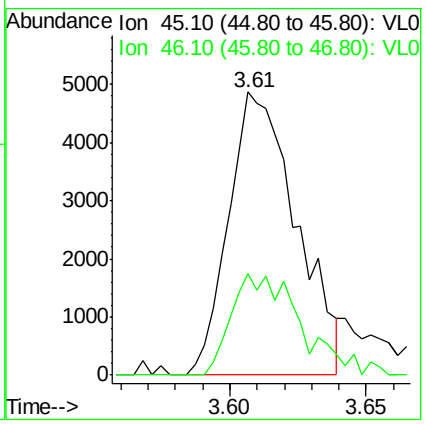


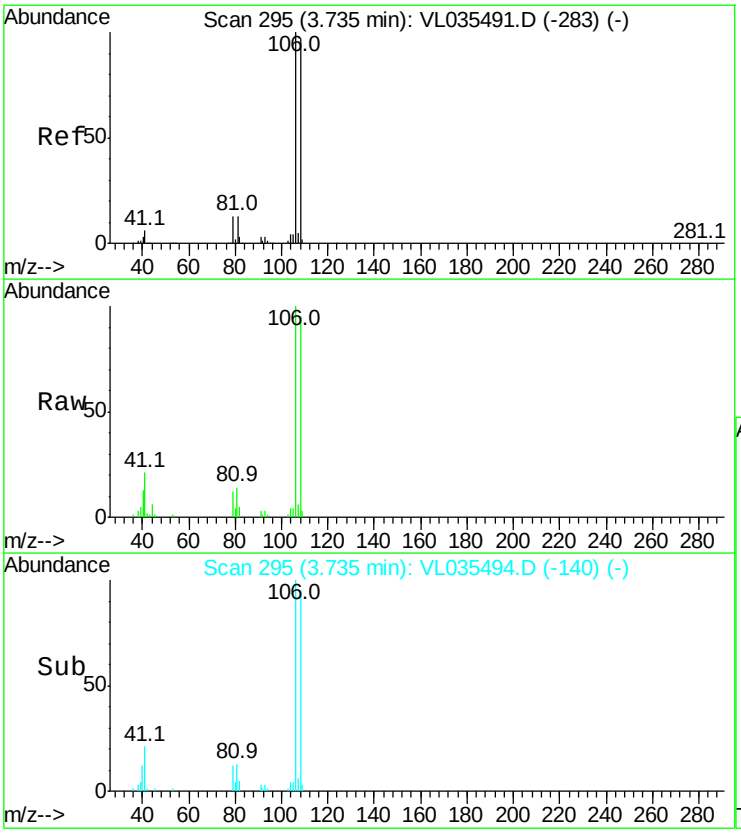
#13
Ethanol
Concen: 0.444 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 8406

Ion	Ratio	Lower	Upper
45	100		
46	37.8	14.4	57.6

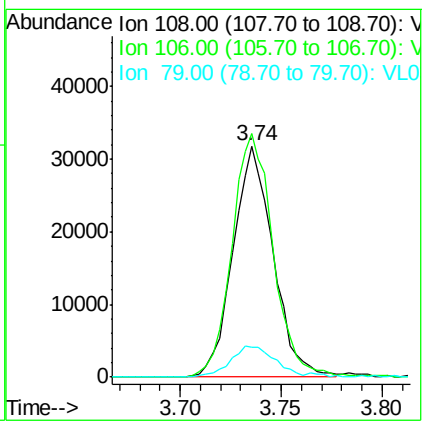


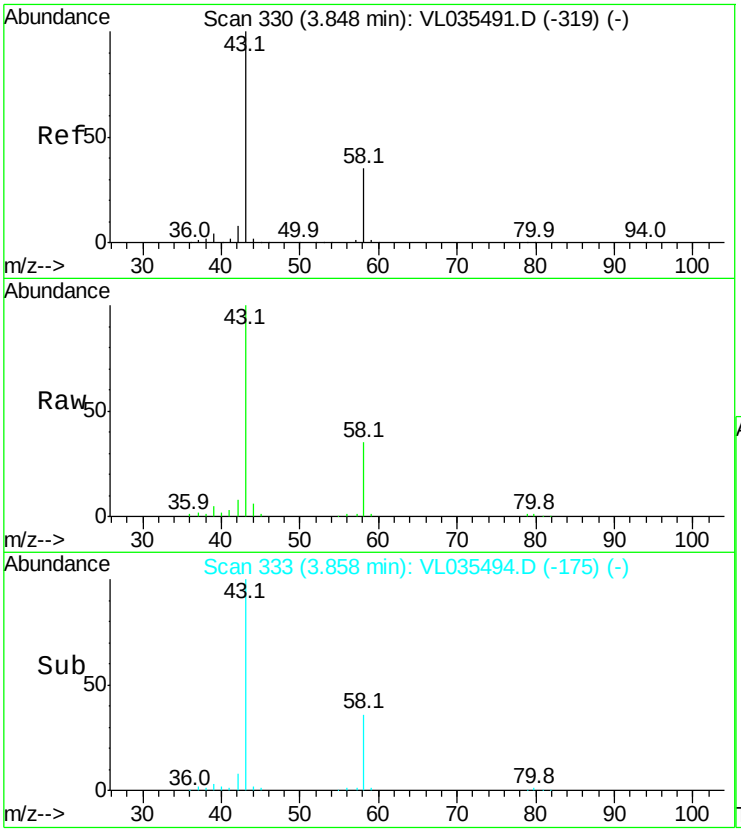


#14
Bromoethene
Concen: 0.452 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:108 Resp: 44372

Ion	Ratio	Lower	Upper
108	100		
106	108.5	83.6	125.4
79	15.5	10.7	16.1



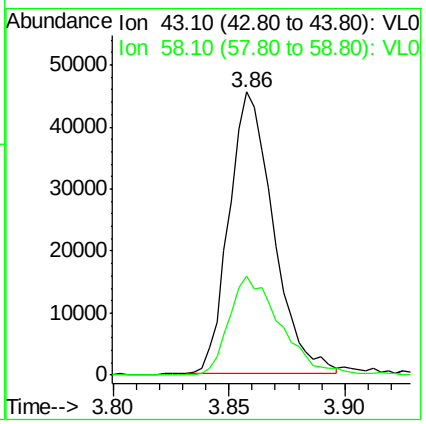


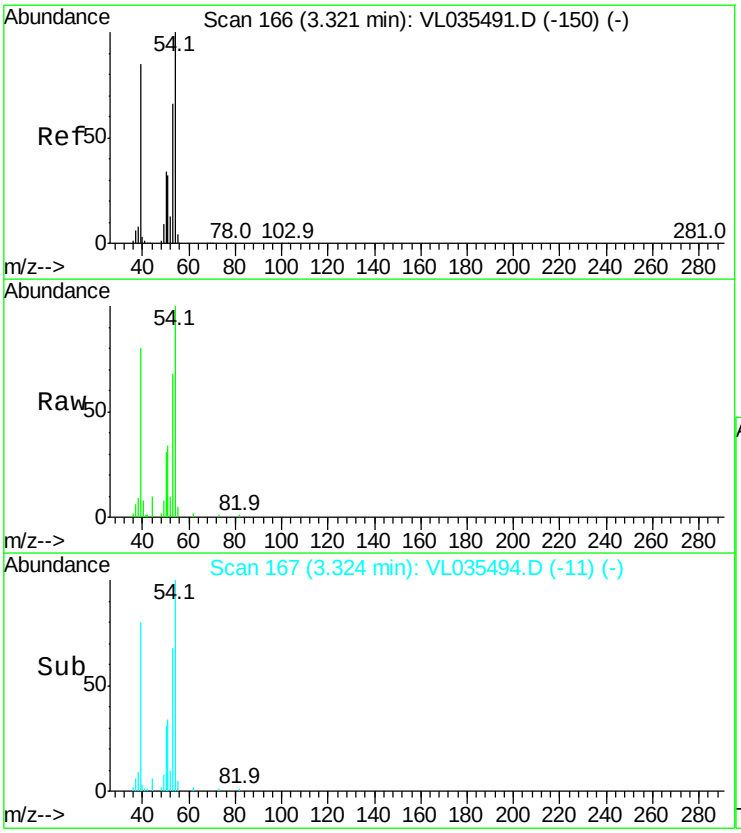
#15
Acetone
Concen: 0.513 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 60503

Ion	Ratio	Lower	Upper
43	100		
58	41.0	27.8	41.6

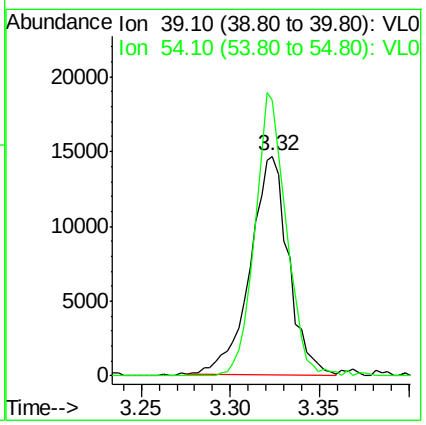


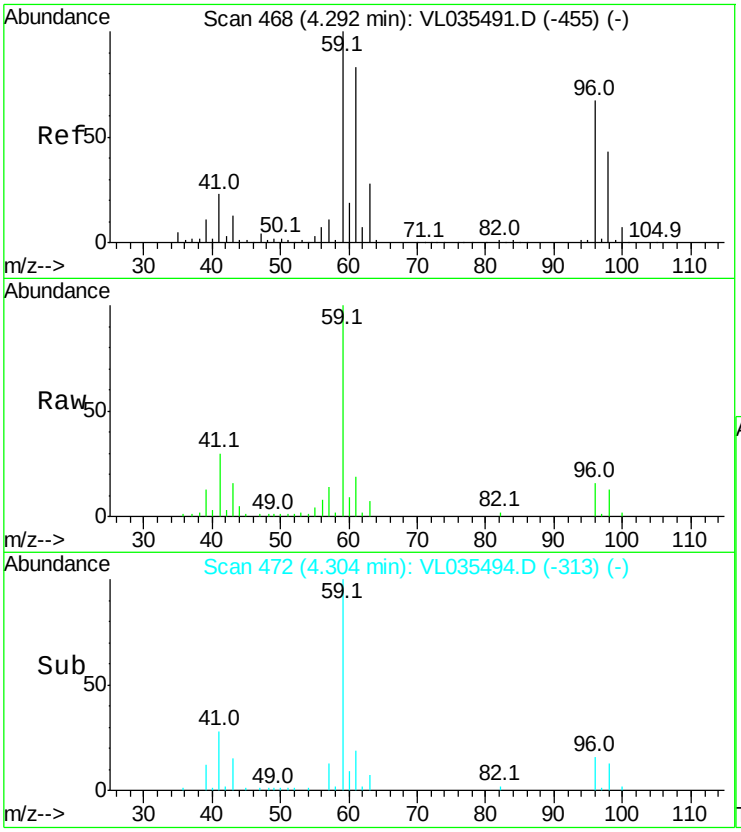


#16
1,3-Butadiene
Concen: 0.458 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 39 Resp: 21899

Ion	Ratio	Lower	Upper
39	100		
54	107.4	89.3	133.9



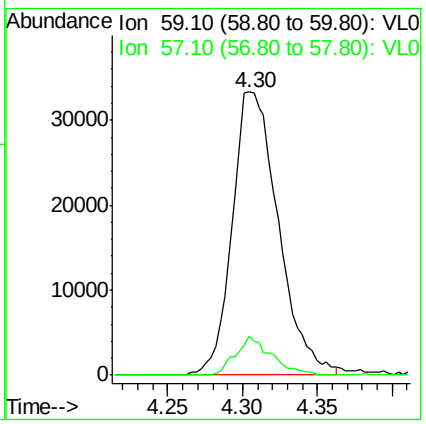


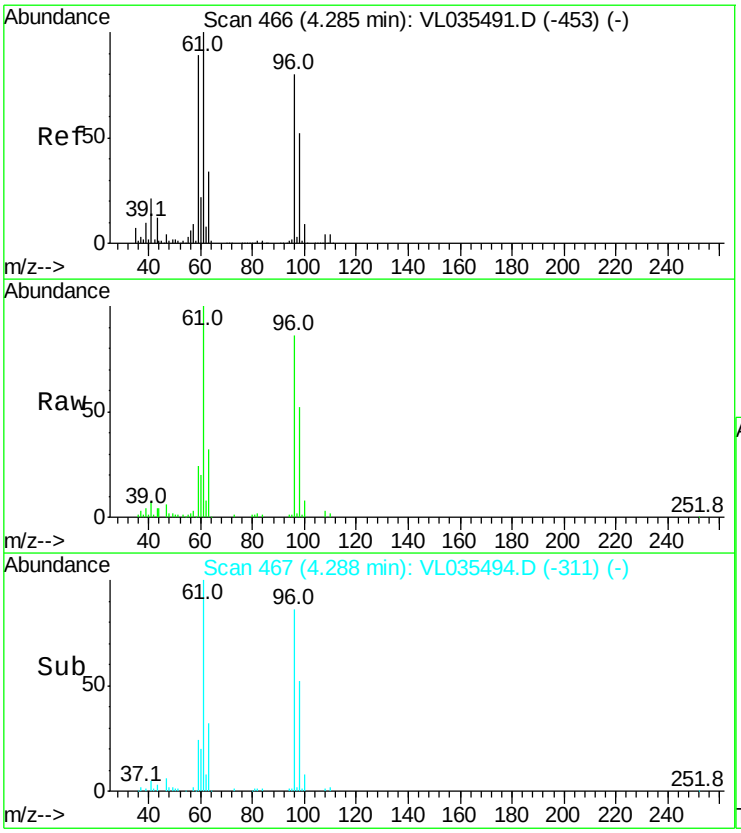
#17
tert-Butyl alcohol
Concen: 0.470 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 71689

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

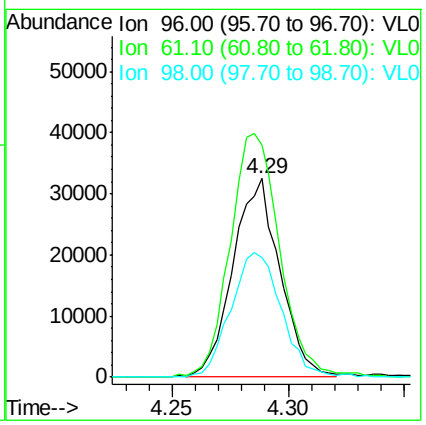


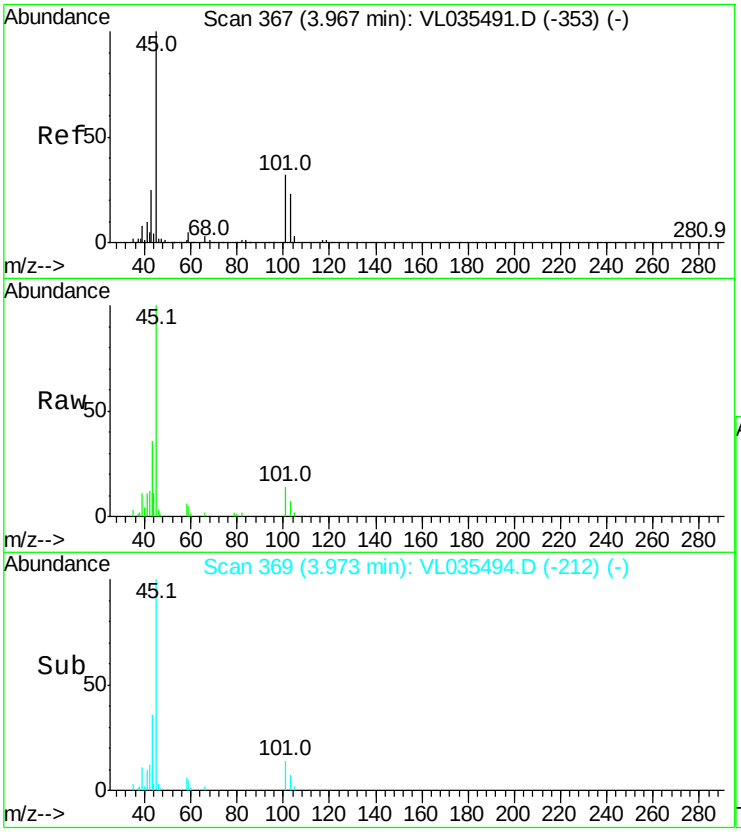


#18
1,1-Dichloroethene
Concen: 0.466 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 96 Resp: 45722

Ion	Ratio	Lower	Upper
96	100		
61	116.0	99.9	149.9
98	60.2	52.2	78.4



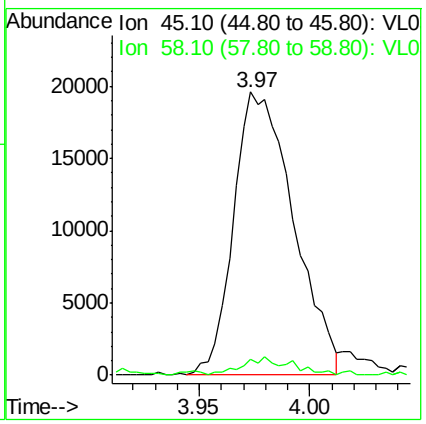


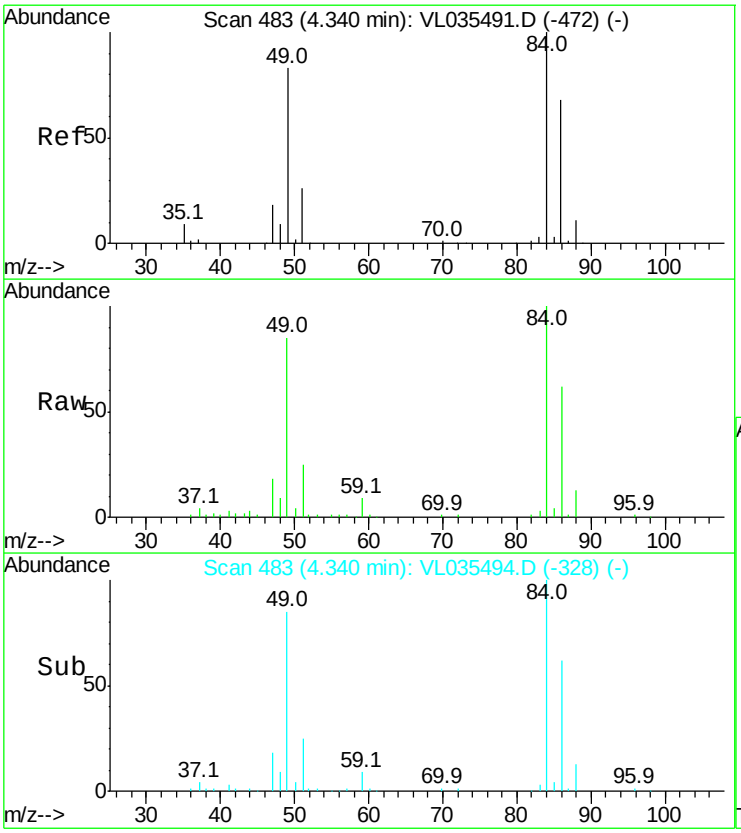
#19
Isopropyl Alcohol
Concen: 0.456 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 45 Resp: 37067

Ion	Ratio	Lower	Upper
45	100		
58	5.9	1.8	2.8#

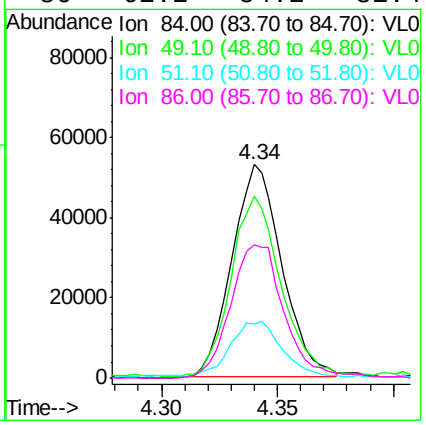


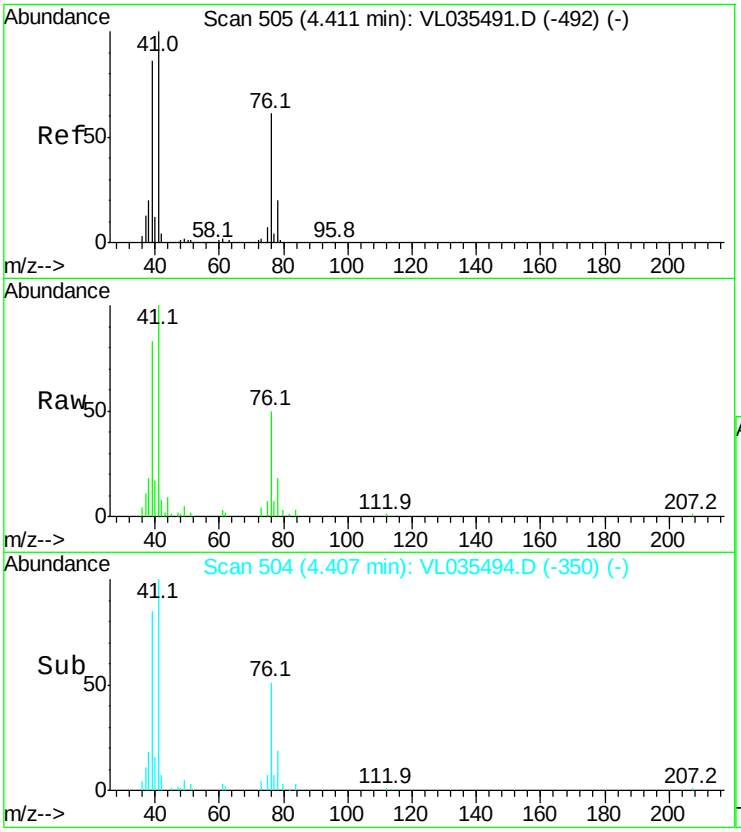


#20
Methylene Chloride
Concen: 0.826 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 84 Resp: 78616

Ion	Ratio	Lower	Upper
84	100		
49	84.1	66.3	99.5
51	24.8	21.1	31.7
86	62.2	54.2	81.4



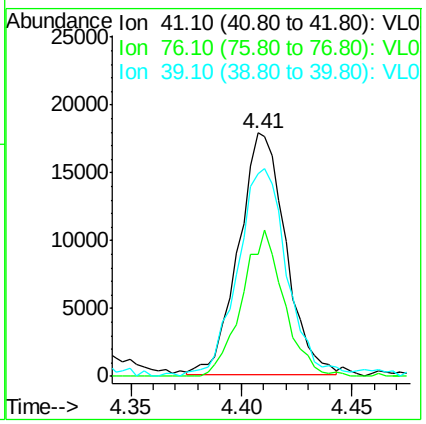


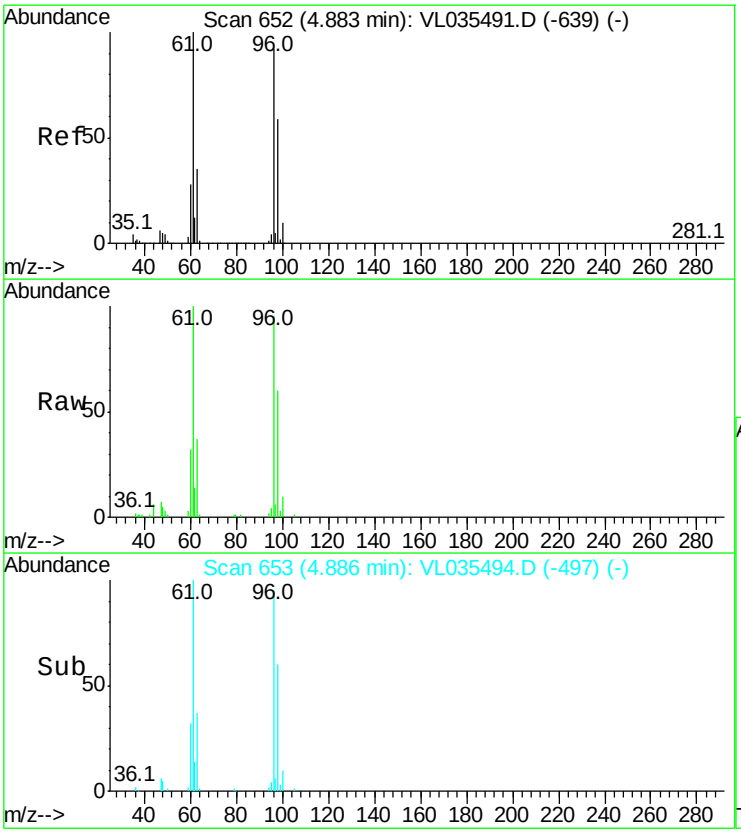
#21
Allyl Chloride
Concen: 0.441 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 26417

Ion	Ratio	Lower	Upper
41	100		
76	54.0	47.3	70.9
39	92.0	69.0	103.4

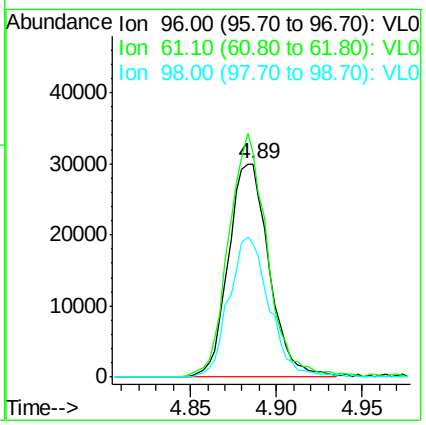


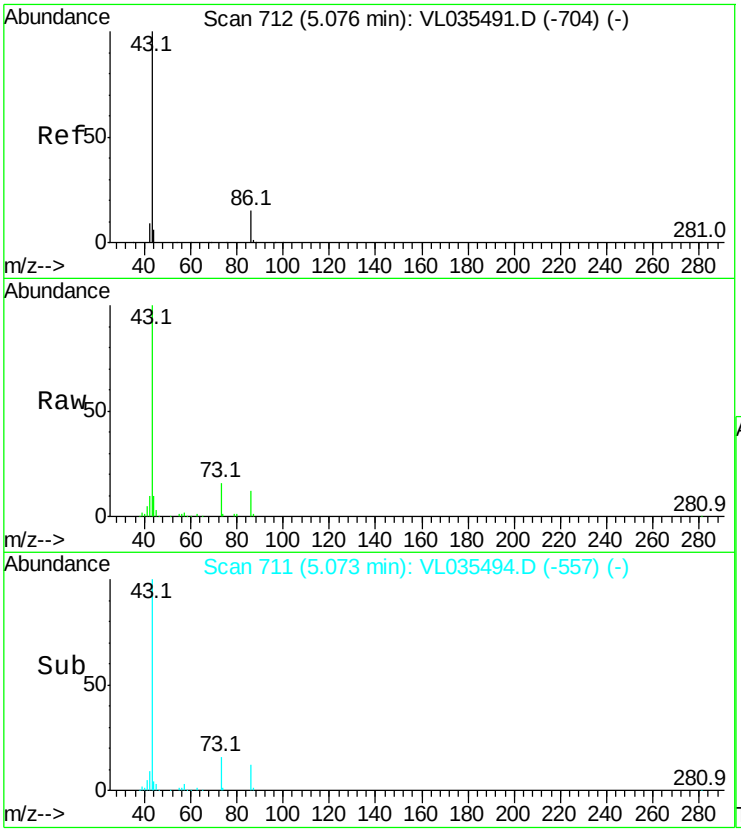


#22
trans-1,2-Dichloroethene
Concen: 0.472 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 96 Resp: 49356

Ion	Ratio	Lower	Upper
96	100		
61	104.3	86.5	129.7
98	62.5	51.4	77.2



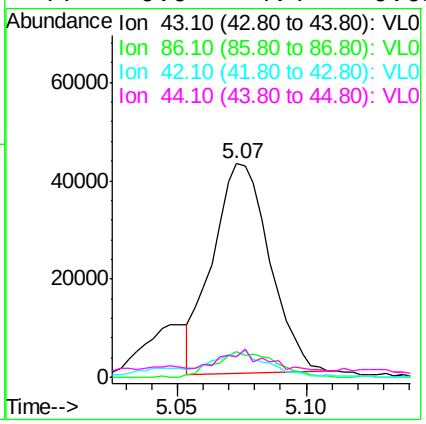


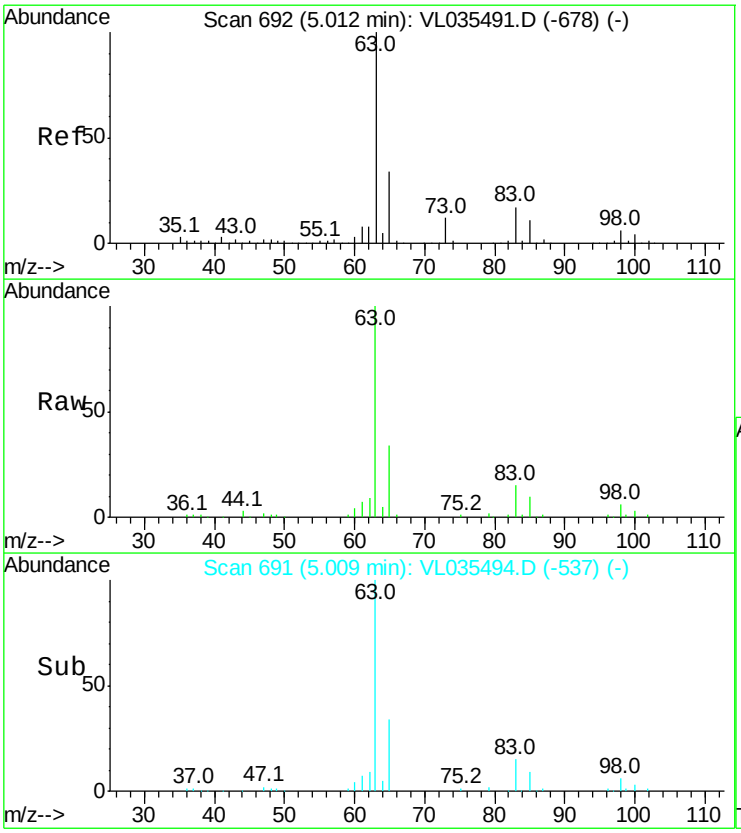
#23
Vinyl Acetate
Concen: 0.391 ppbv
RT: 5.07 min Scan# 711
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 65864

Ion	Ratio	Lower	Upper
43	100		
86	12.5	10.9	16.3
42	9.8	7.8	11.8
44	6.9	4.4	6.6#

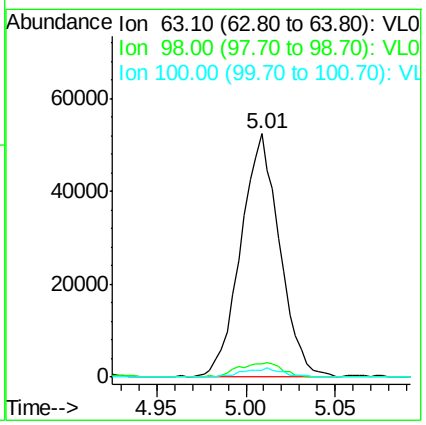


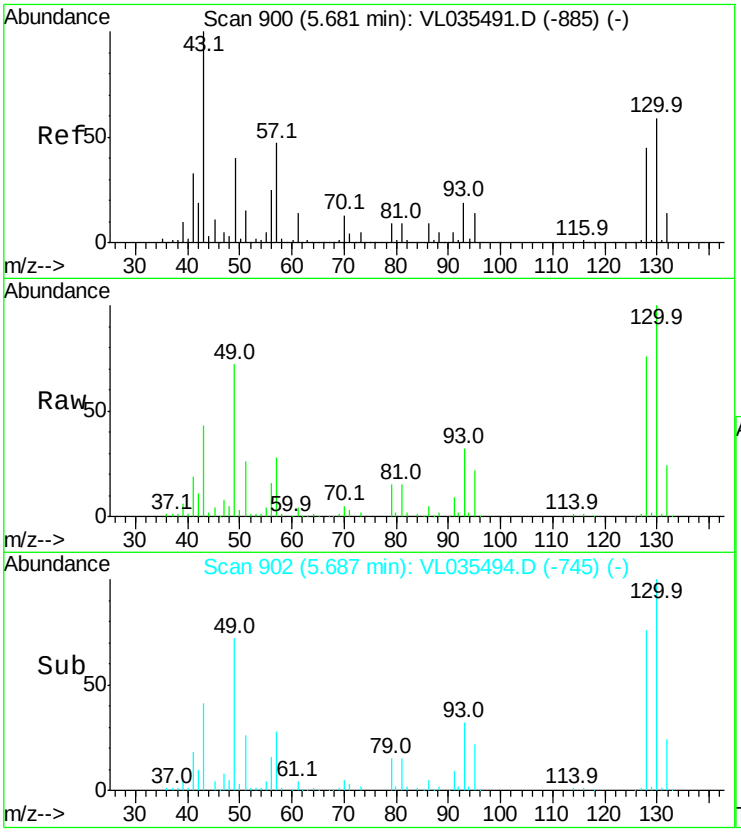


#24
1,1-Dichloroethane
Concen: 0.476 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 63 Resp: 79986

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.1	9.4
100	2.9	2.0	6.0



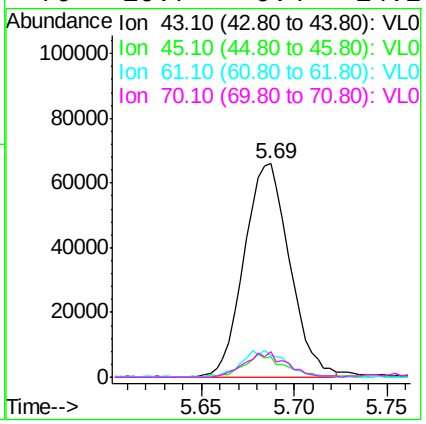


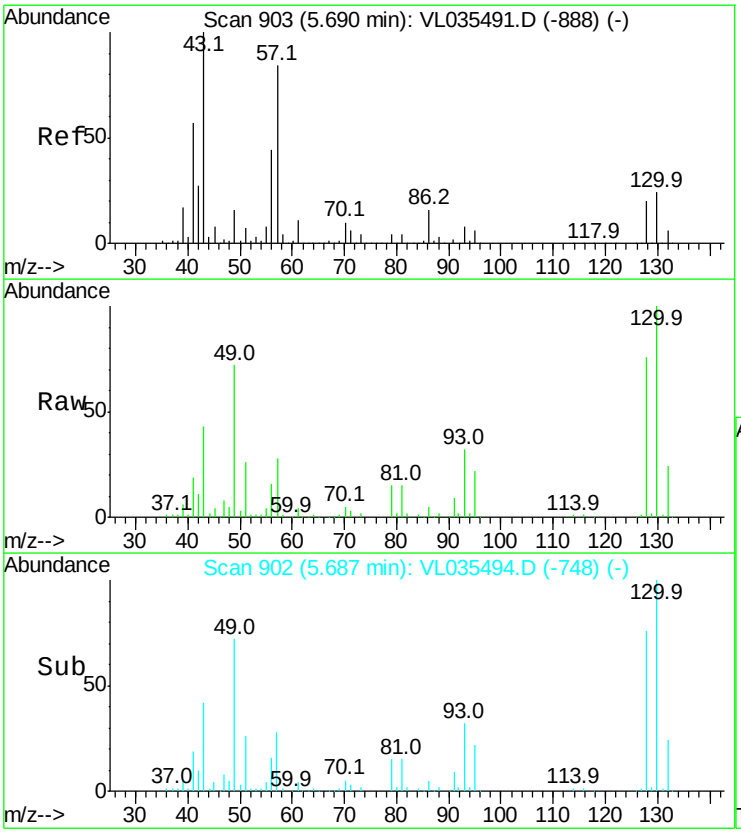
#25
Ethyl Acetate
Concen: 0.492 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 112937

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	12.4	10.6	16.0
70	10.7	9.4	14.2

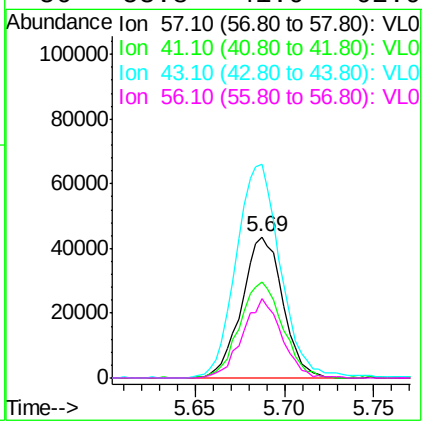


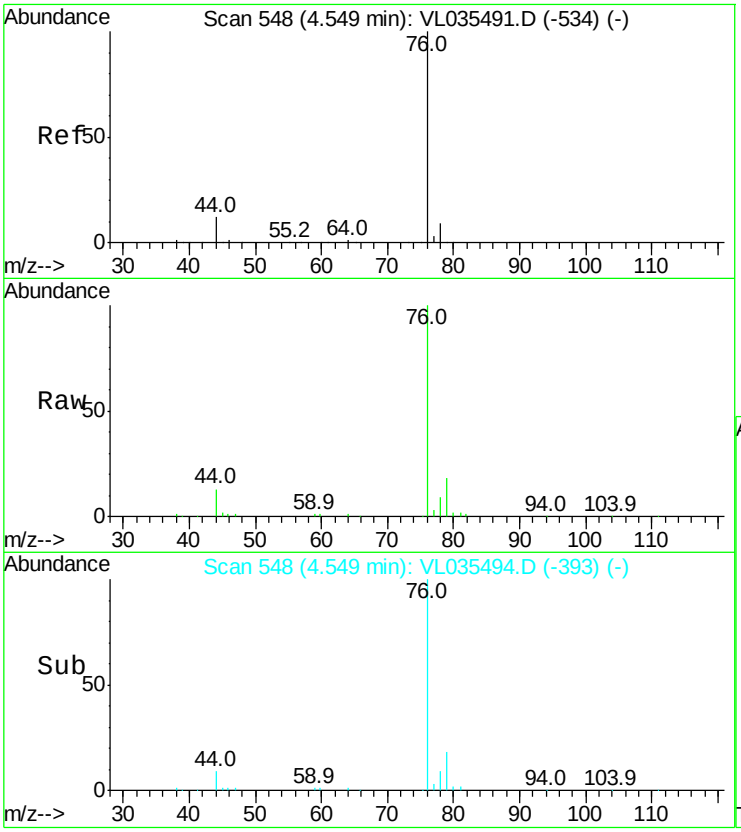


#26
Hexane
Concen: 0.542 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 57 Resp: 70202

Ion	Ratio	Lower	Upper
57	100		
41	72.3	56.7	85.1
43	165.1	141.9	212.9
56	53.8	41.9	62.9



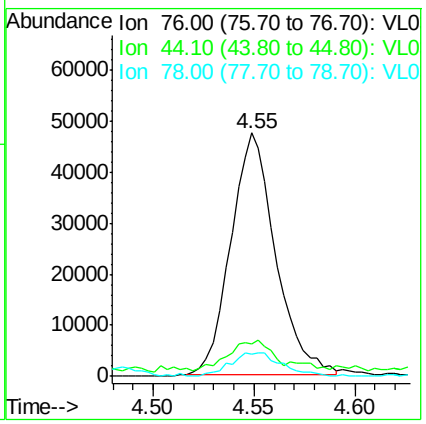


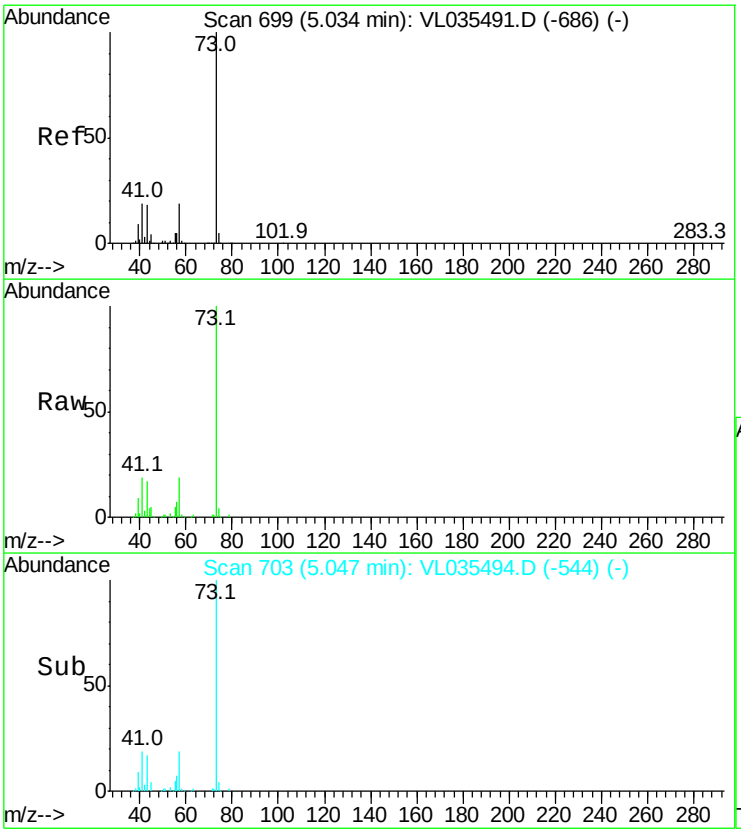
#27
Carbon Disulfide
Concen: 0.395 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 73941

Ion	Ratio	Lower	Upper
76	100		
44	17.3	9.2	13.8#
78	11.3	7.8	11.8

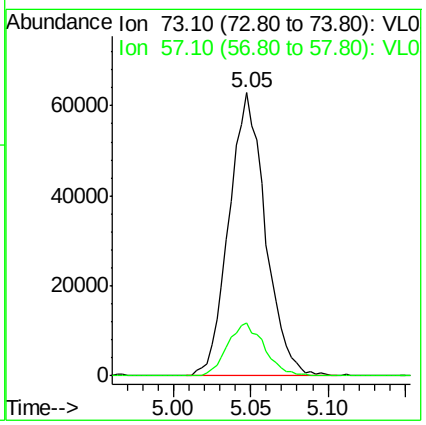


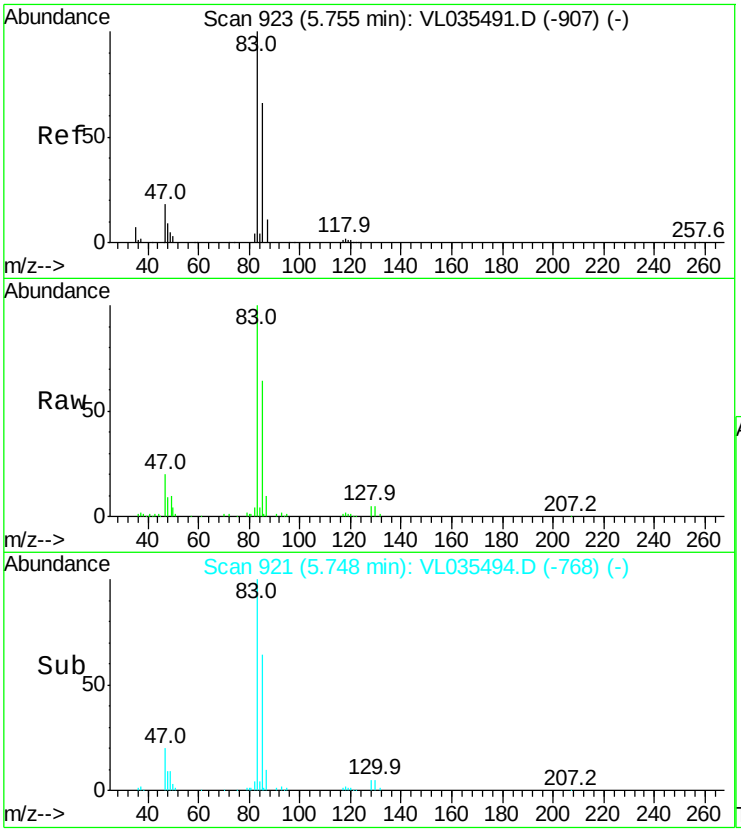


#28
Methyl tert-Butyl Ether
Concen: 0.435 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 73 Resp: 102955

Ion	Ratio	Lower	Upper
73	100		
57	18.9	15.1	22.7



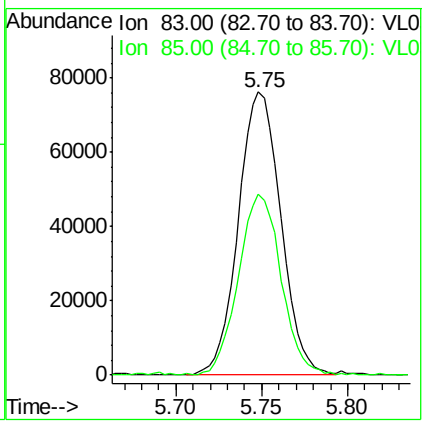


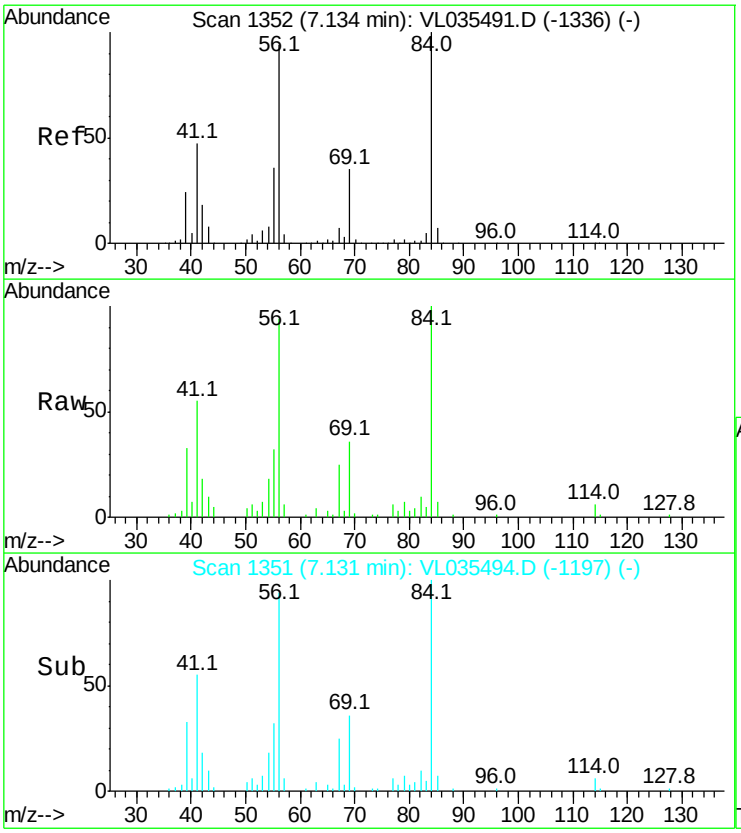
#29
Chloroform
Concen: 0.503 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 130811

Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.1	79.7

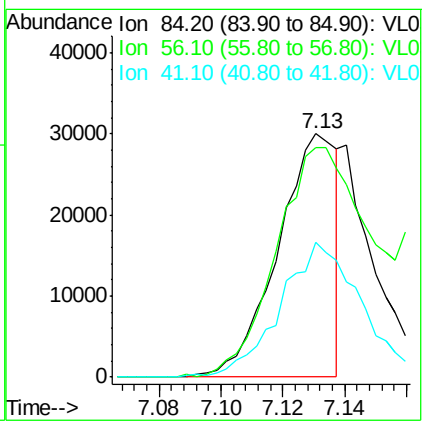


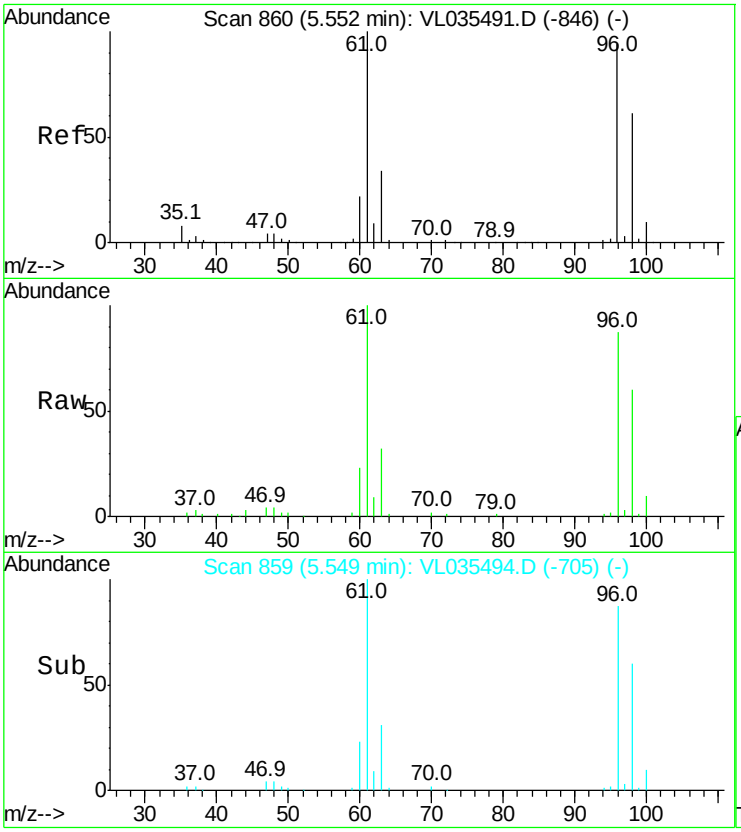


#30
Cyclohexane
Concen: 0.275 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 84 Resp: 39493

Ion	Ratio	Lower	Upper
84	100		
56	136.0	79.9	119.9#
41	76.0	37.6	56.4#



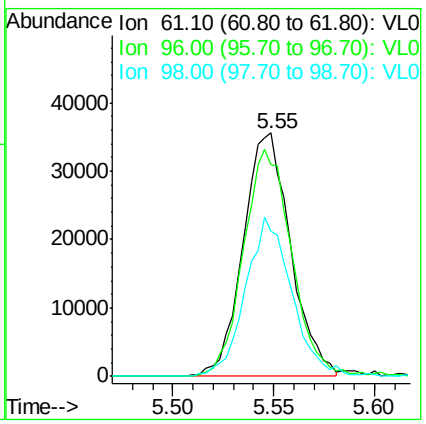


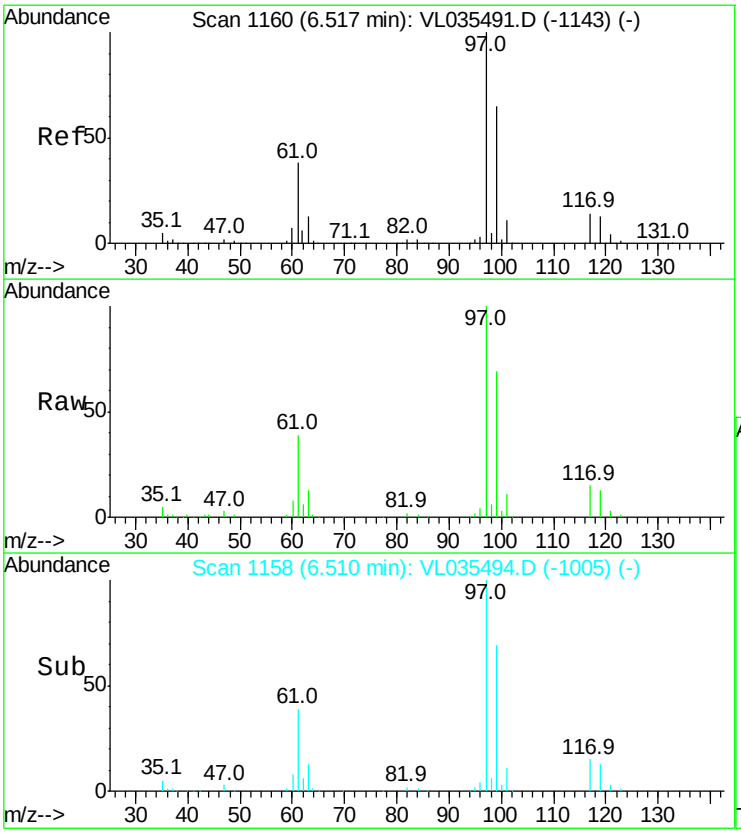
#31
cis-1,2-Dichloroethene
Concen: 0.430 ppbv
RT: 5.55 min Scan# 859
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 58611

Ion	Ratio	Lower	Upper
61	100		
96	86.8	75.5	113.3
98	59.8	48.9	73.3

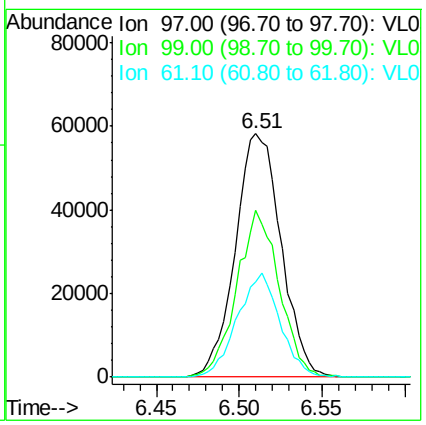


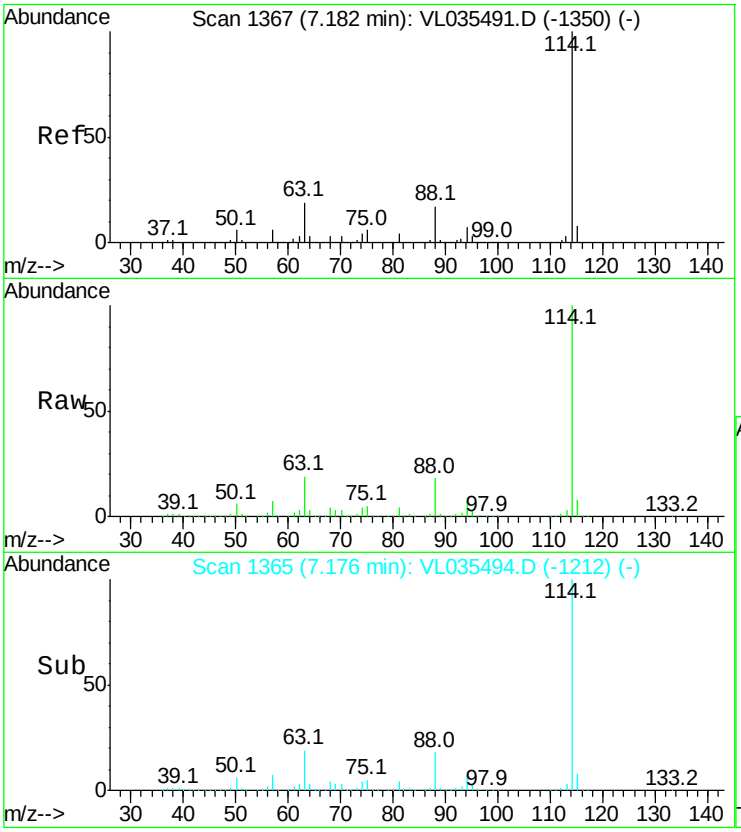


#32
1,1,1-Trichloroethane
Concen: 0.459 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 97 Resp: 111835

Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.7	79.1
61	39.8	30.2	45.2



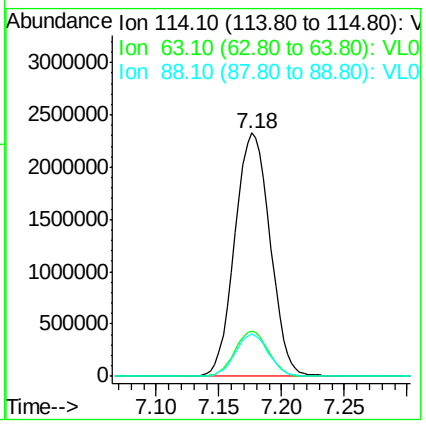


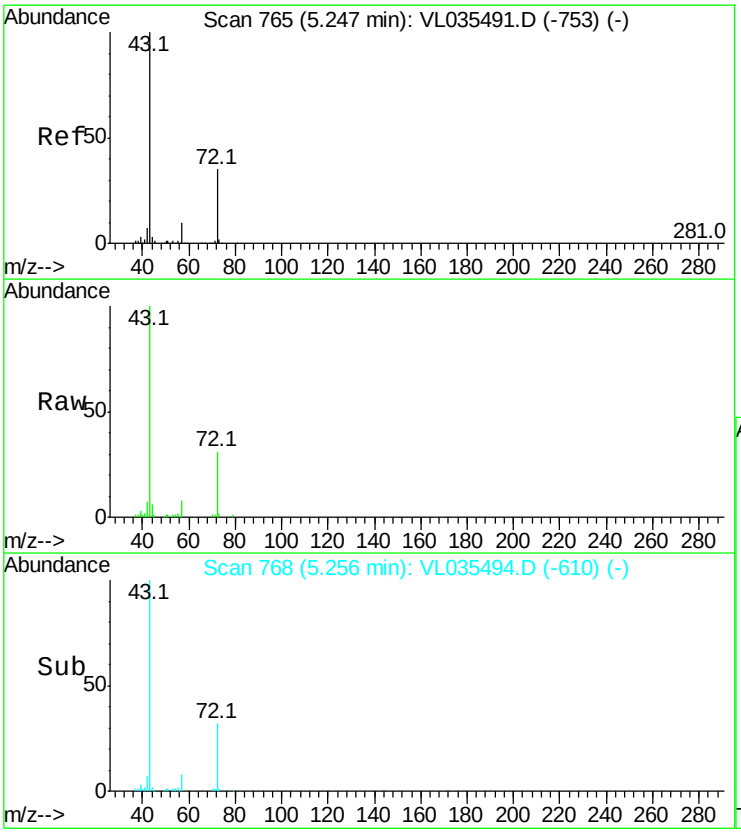
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 4556785

Ion	Ratio	Lower	Upper
114	100		
63	17.8	14.3	21.5
88	16.4	13.2	19.8

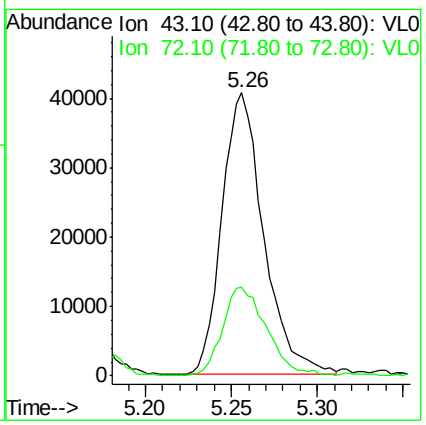


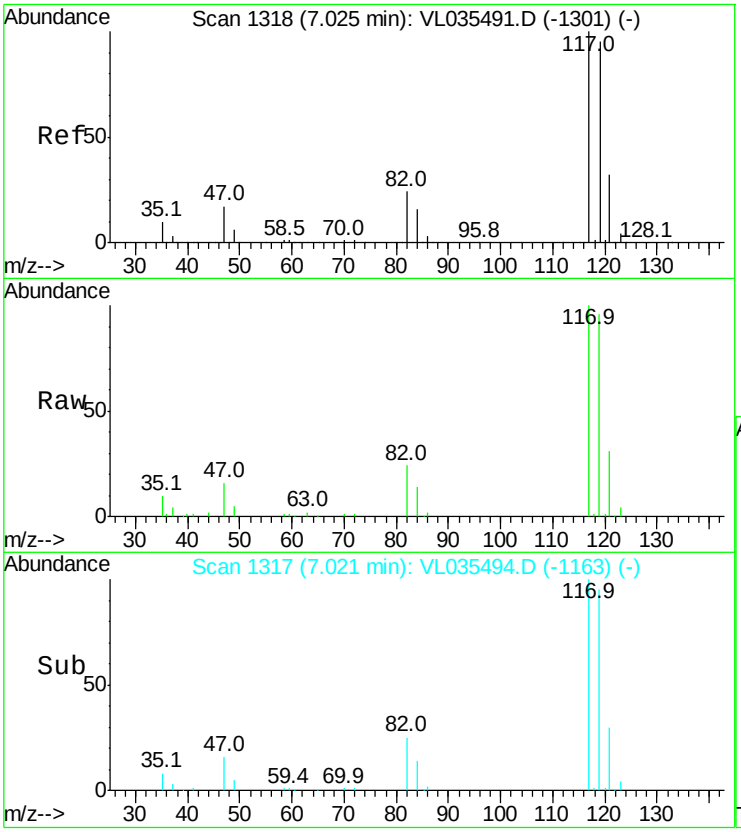


#34
2-Butanone
Concen: 0.452 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 43 Resp: 68776

Ion	Ratio	Lower	Upper
43	100		
72	33.2	27.6	41.4



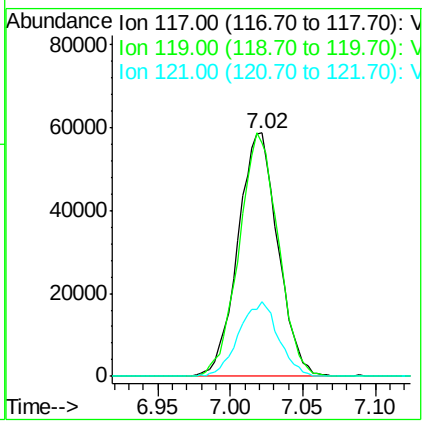


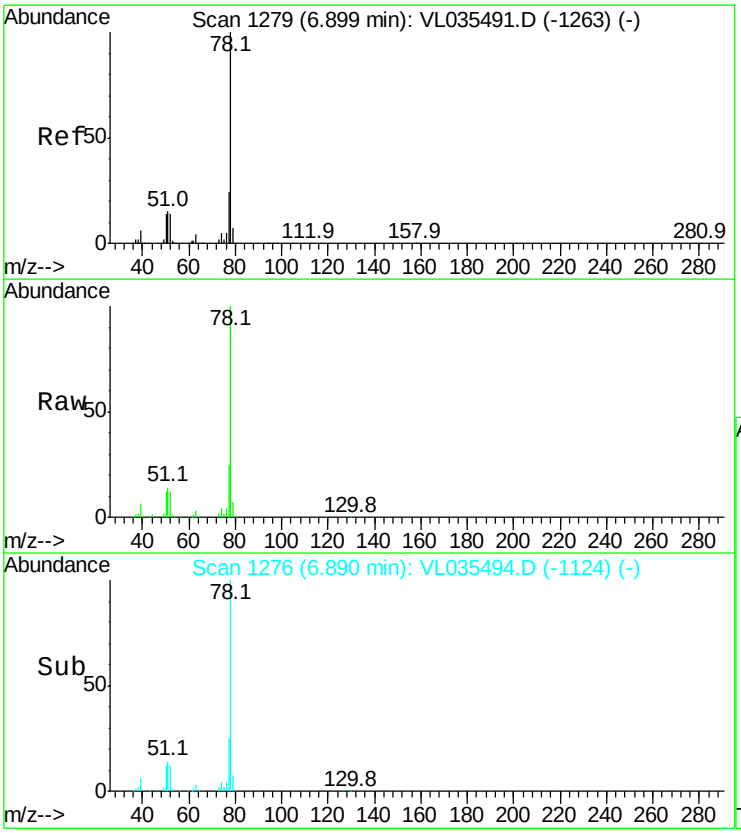
#35
Carbon Tetrachloride
Concen: 0.465 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:117 Resp: 112738

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.6	113.4
121	30.6	25.6	38.4

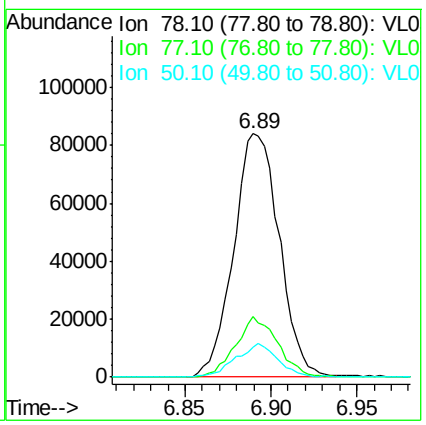


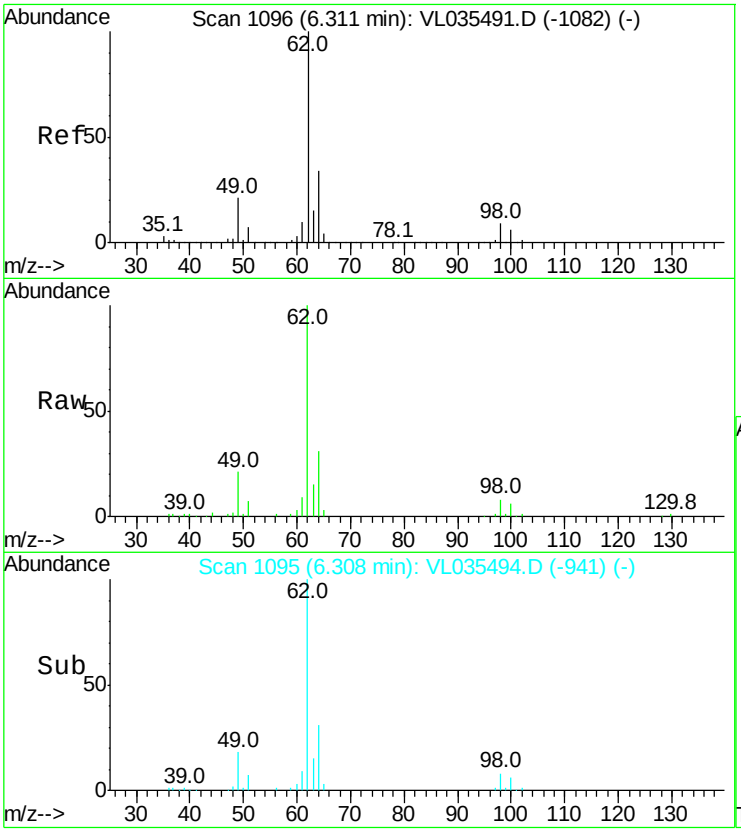


#36
Benzene
Concen: 0.459 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 78 Resp: 153625

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8
50	12.2	11.0	16.4



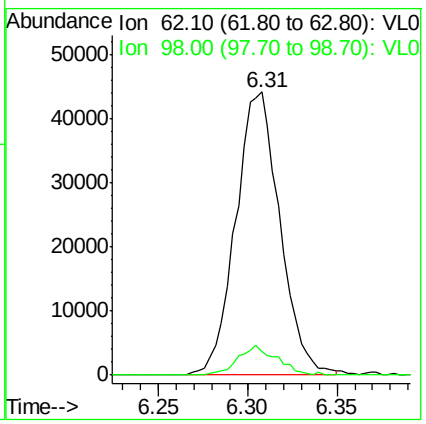


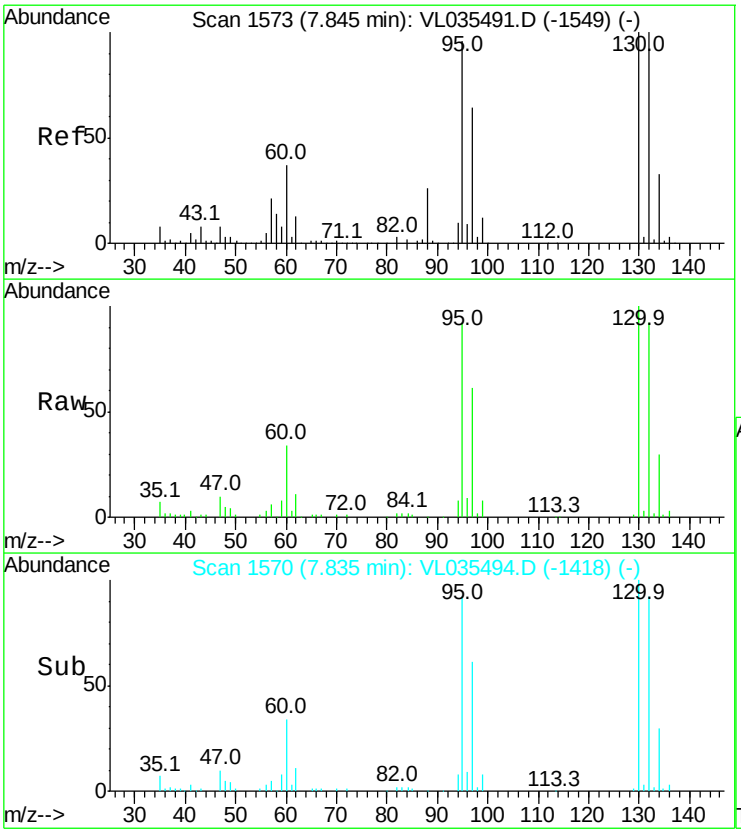
#37
1,2-Dichloroethane
Concen: 0.502 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 62 Resp: 76655

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.2

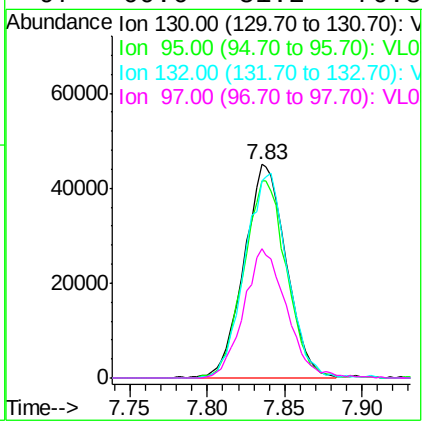


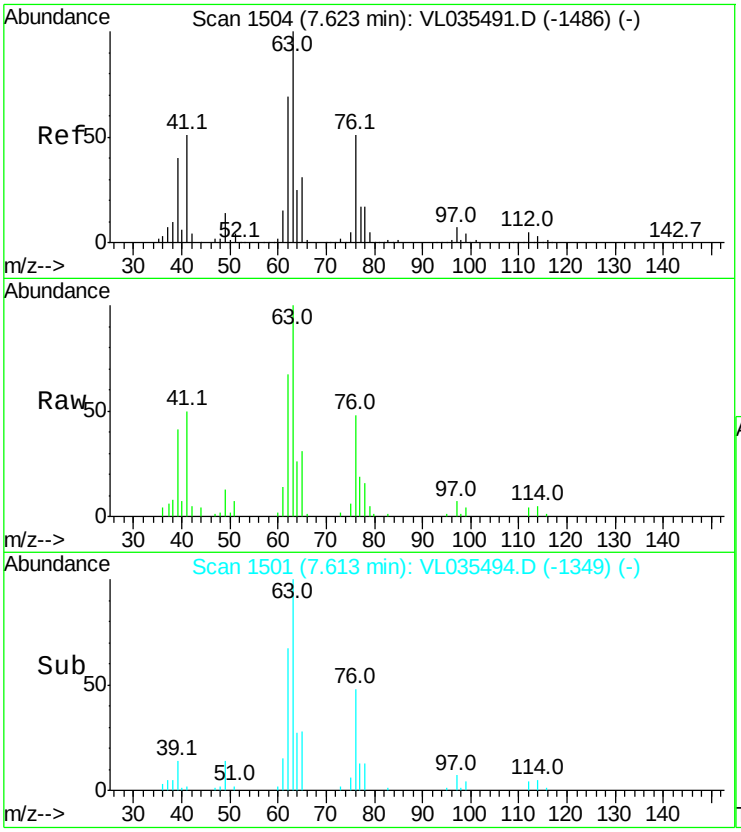


#38
Trichloroethene
Concen: 0.460 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:130 Resp: 85616

Ion	Ratio	Lower	Upper
130	100		
95	92.4	76.9	115.3
132	92.2	80.2	120.4
97	60.6	51.2	76.8



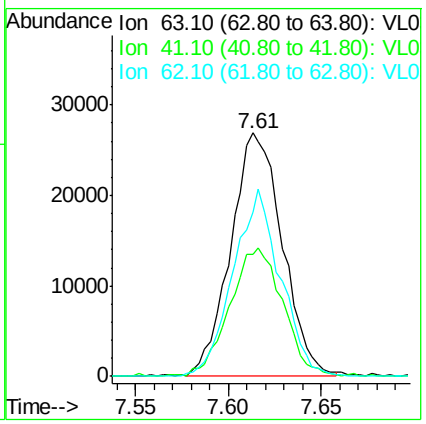


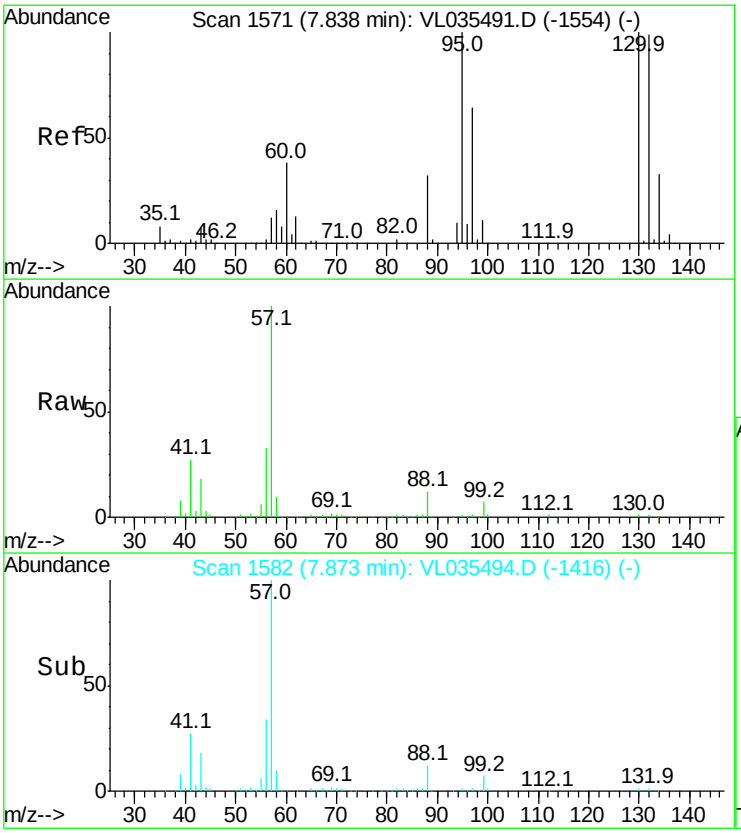
#39
1,2-Dichloropropane
Concen: 0.471 ppbv
RT: 7.61 min Scan# 1501
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 63 Resp: 51970

Ion	Ratio	Lower	Upper
63	100		
41	50.1	40.9	61.3
62	66.1	55.3	82.9

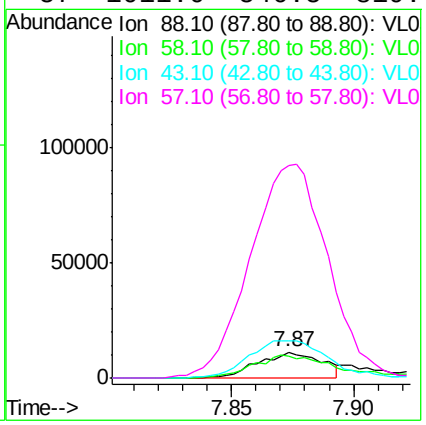


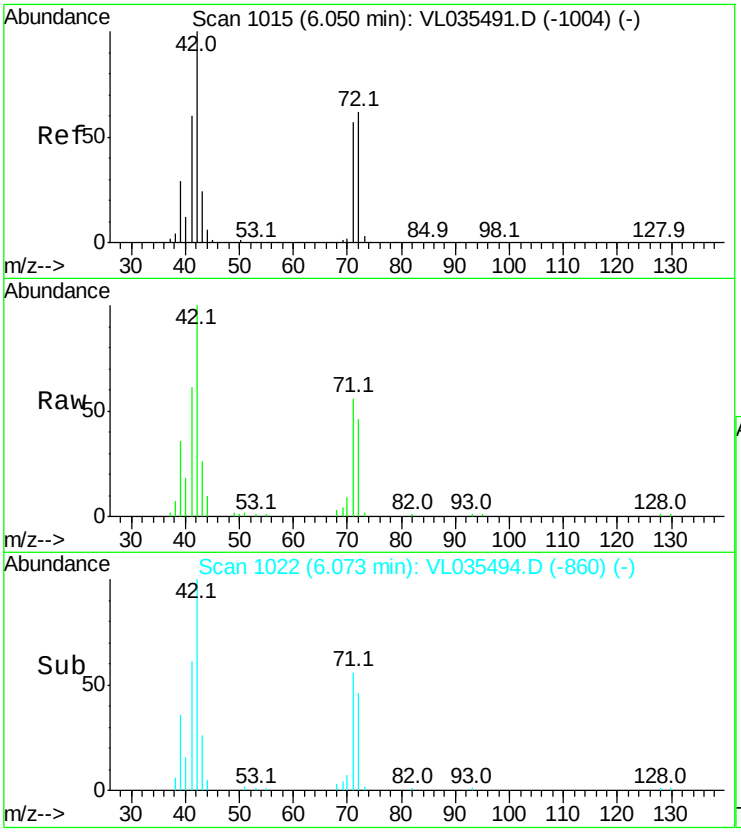


#40
1,4-Dioxane
Concen: 0.339 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.04 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 88 Resp: 20368

Ion	Ratio	Lower	Upper
88	100		
58	125.1	68.1	102.1#
43	180.9	101.0	151.4#
57	1011.0	546.5	819.7#



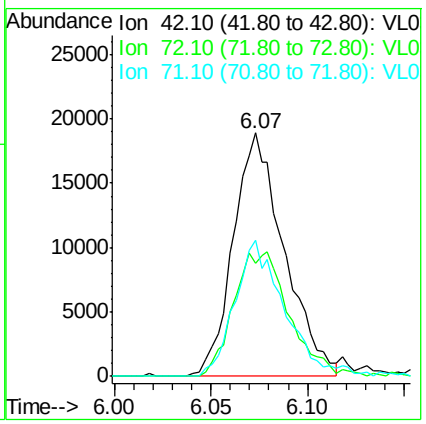


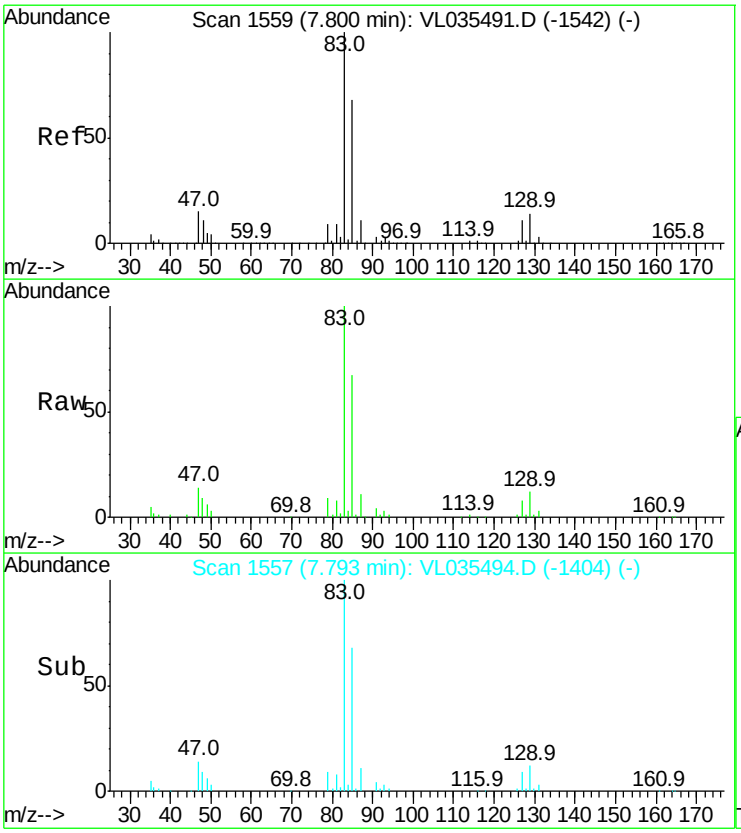
#41
Tetrahydrofuran
Concen: 0.412 ppbv
RT: 6.07 min Scan# 1022
Delta R.T. 0.02 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 42 Resp: 34558

Ion	Ratio	Lower	Upper
42	100		
72	56.4	49.1	73.7
71	55.1	46.7	70.1

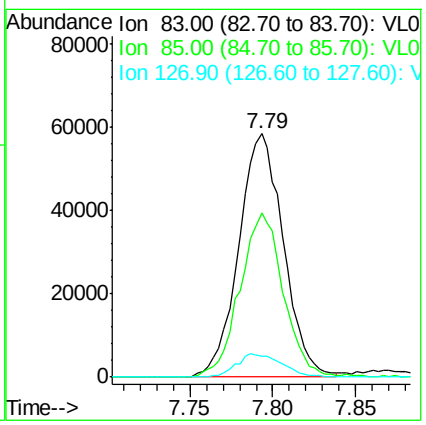


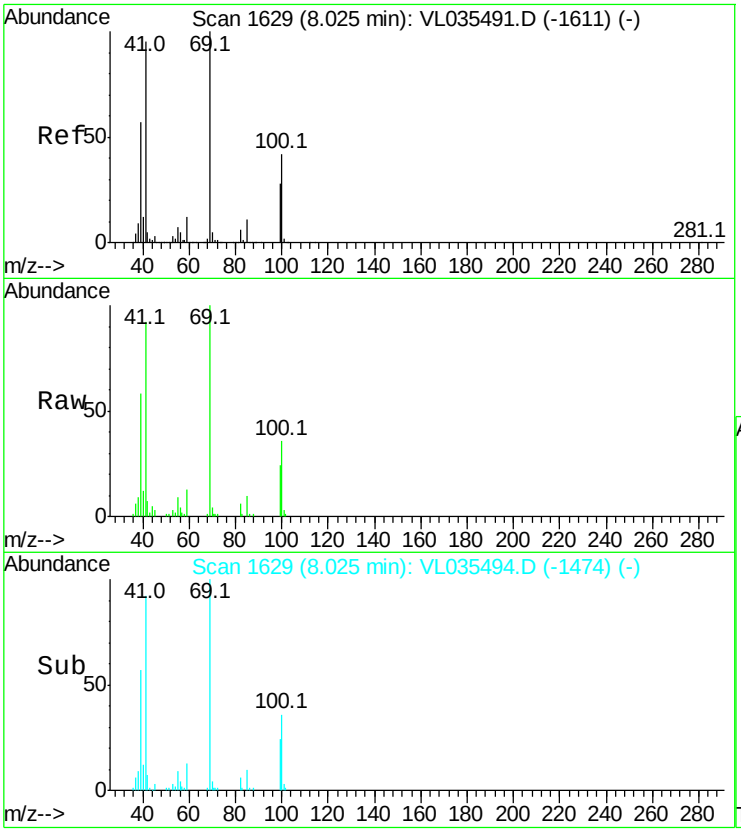


#42
Bromodichloromethane
Concen: 0.429 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 83 Resp: 109709

Ion	Ratio	Lower	Upper
83	100		
85	67.5	54.8	82.2
127	8.5	8.6	13.0#



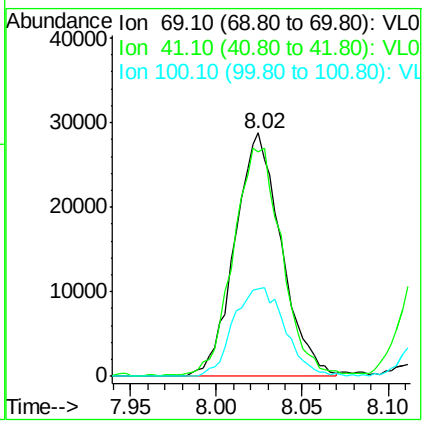


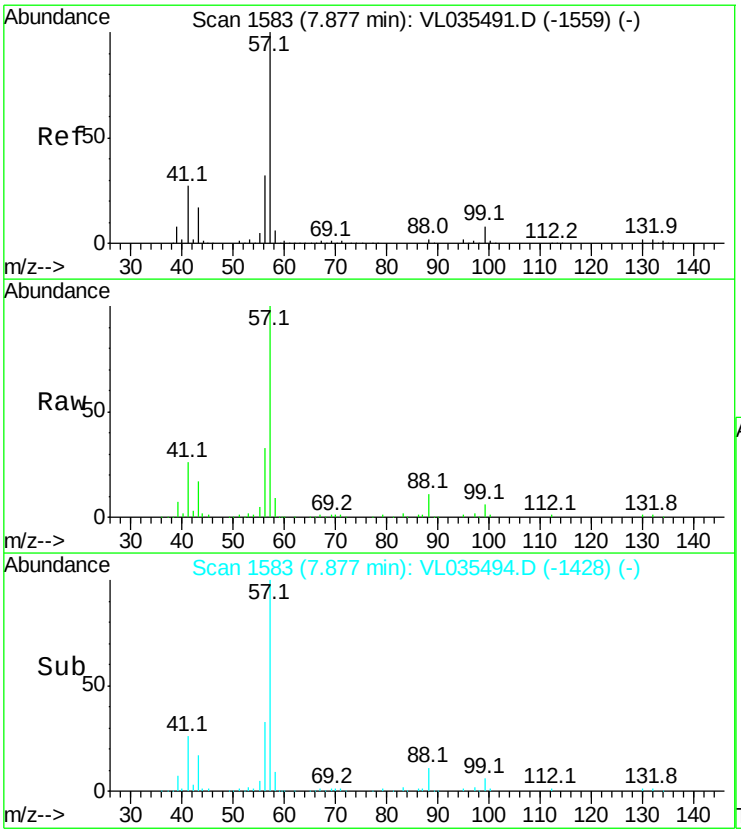
#43
Methyl Methacrylate
Concen: 0.413 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 54021

Ion	Ratio	Lower	Upper
69	100		
41	98.5	76.1	114.1
100	40.3	34.2	51.4

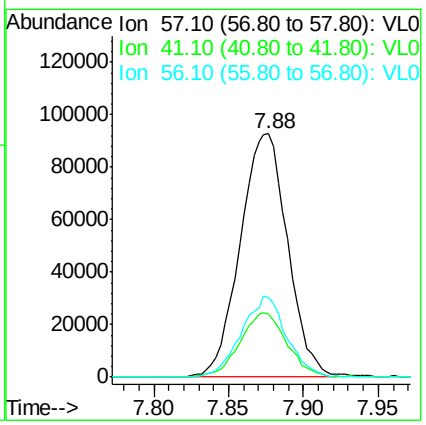


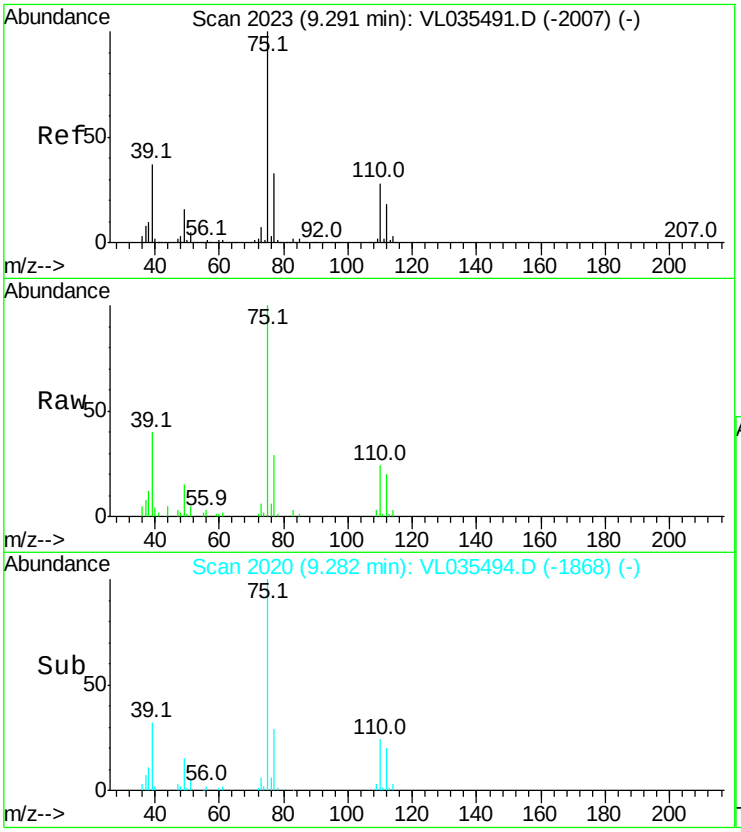


#44
2,2,4-Trimethylpentane
Concen: 0.468 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 57 Resp: 204465

Ion	Ratio	Lower	Upper
57	100		
41	26.2	20.7	31.1
56	31.7	25.3	37.9



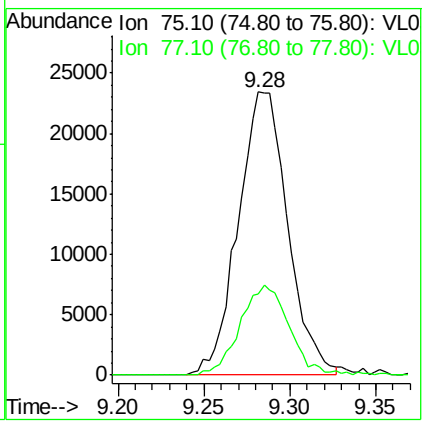


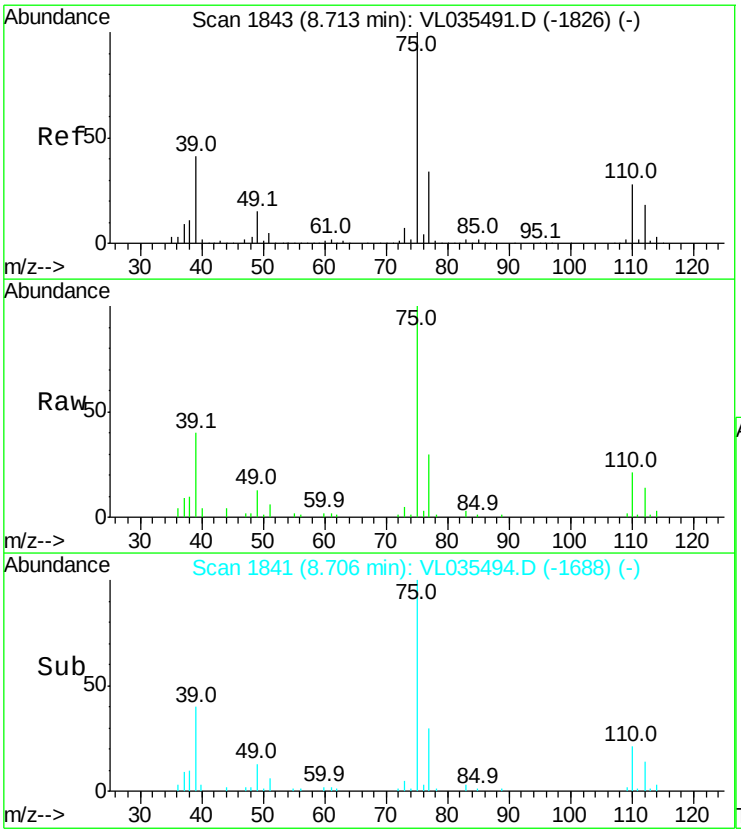
#45
t-1,3-Dichloropropene
Concen: 0.349 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 46969

Ion	Ratio	Lower	Upper
75	100		
77	28.6	26.6	39.8

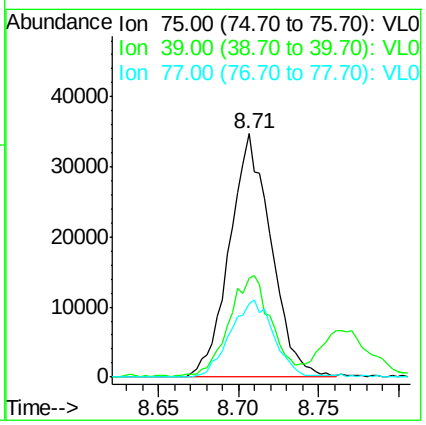


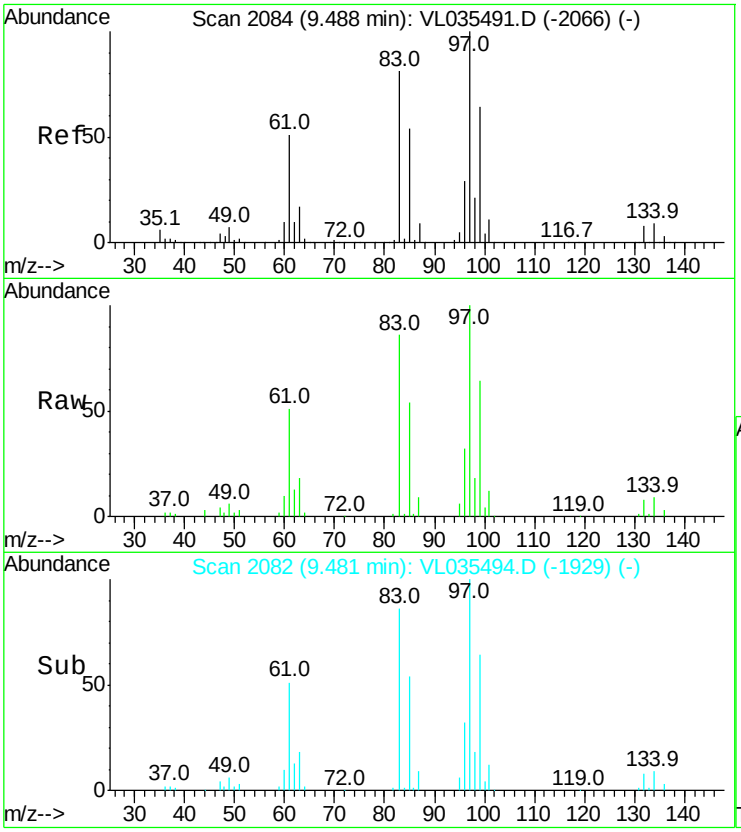


#46
cis-1,3-Dichloropropene
Concen: 0.366 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 75 Resp: 61377

Ion	Ratio	Lower	Upper
75	100		
39	39.2	33.2	49.8
77	30.4	27.1	40.7



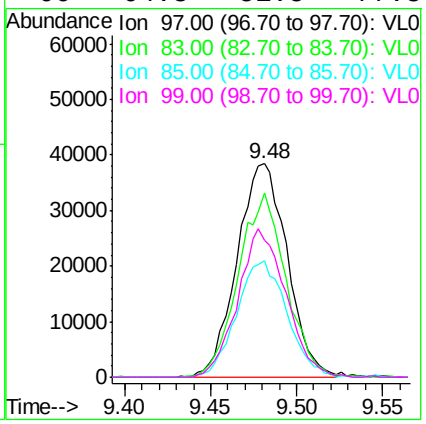


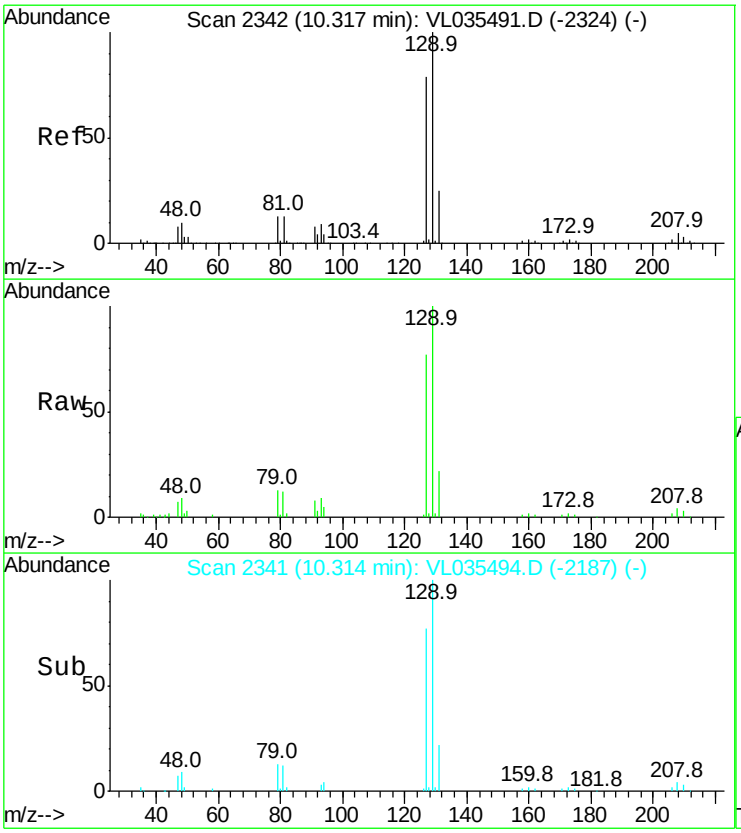
#47
1,1,2-Trichloroethane
Concen: 0.473 ppbv
RT: 9.48 min Scan# 2082
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 77870

Ion	Ratio	Lower	Upper
97	100		
83	85.8	64.9	97.3
85	54.4	43.1	64.7
99	64.3	51.5	77.3

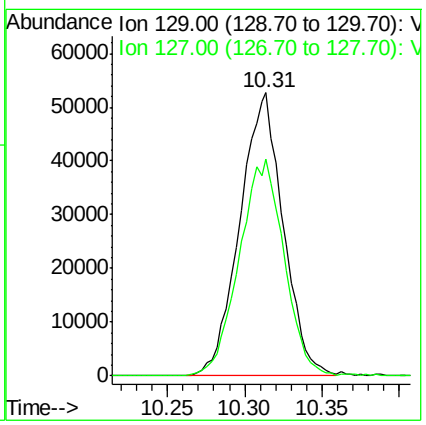


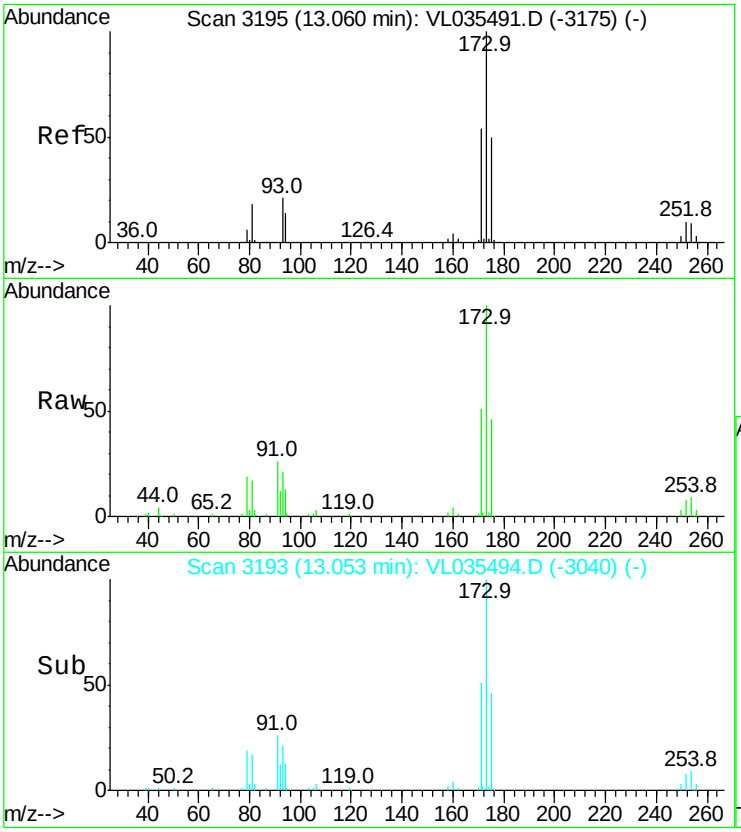


#48
Dibromochloromethane
Concen: 0.372 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:129 Resp: 102817

Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.1	117.5



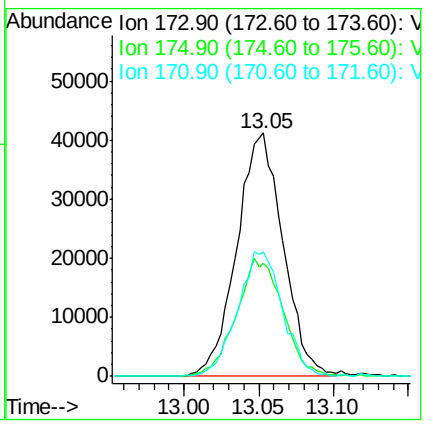


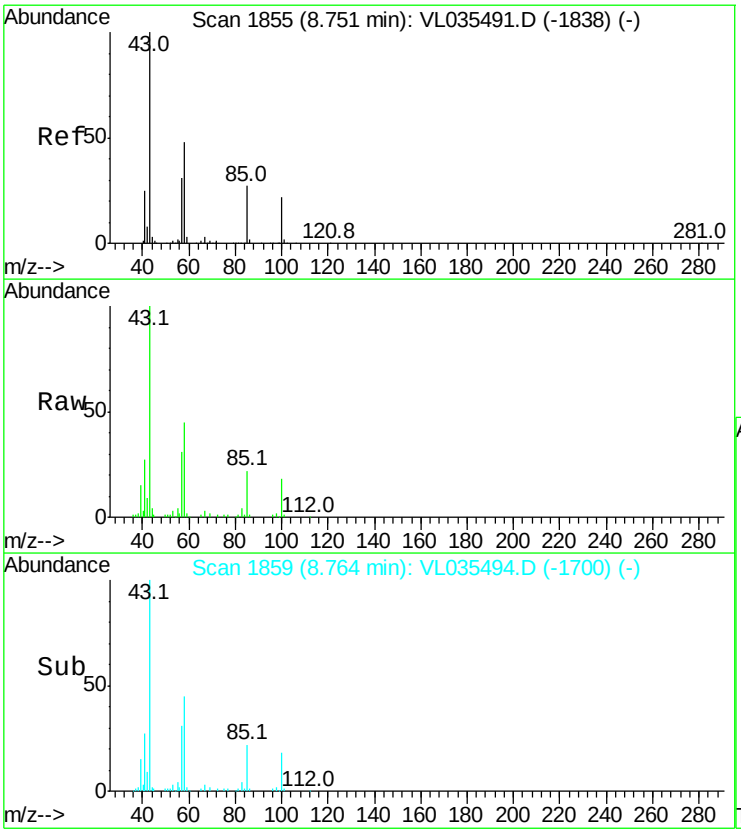
#49
Bromoform
Concen: 0.332 ppbv
RT: 13.05 min Scan# 3193
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 88401

Ion	Ratio	Lower	Upper
173	100		
175	49.0	40.2	60.4
171	50.7	42.7	64.1

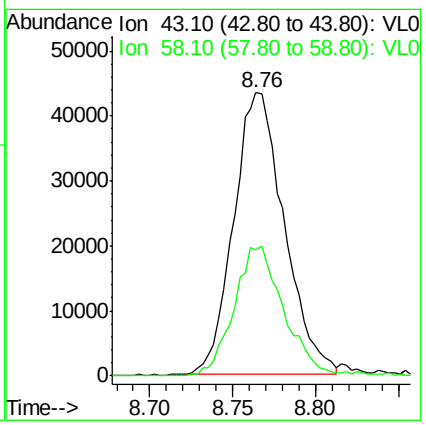


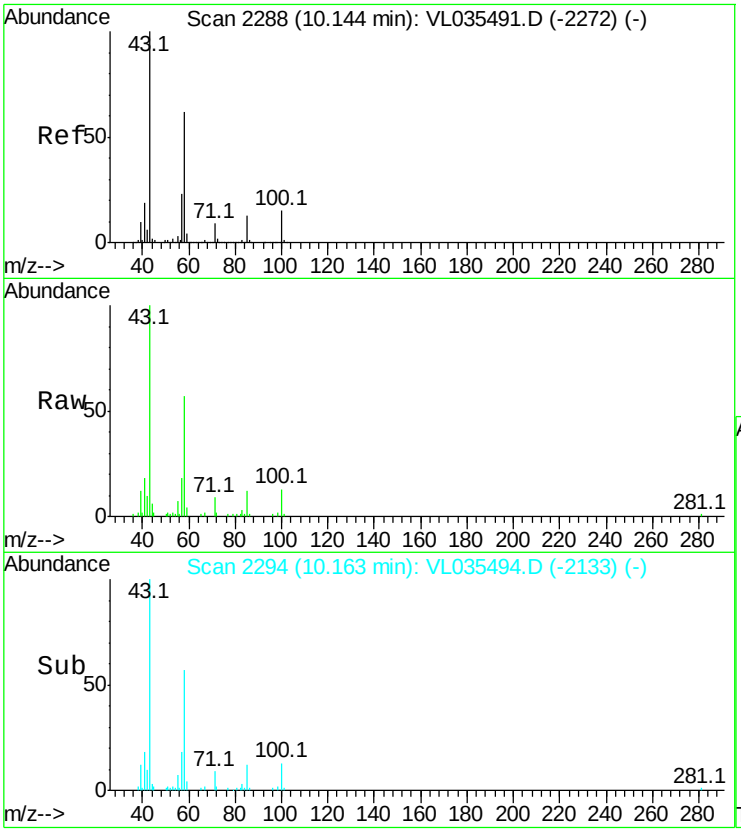


#50
4-Methyl-2-Pentanone
Concen: 0.422 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 43 Resp: 92240

Ion	Ratio	Lower	Upper
43	100		
58	46.0	37.4	56.2



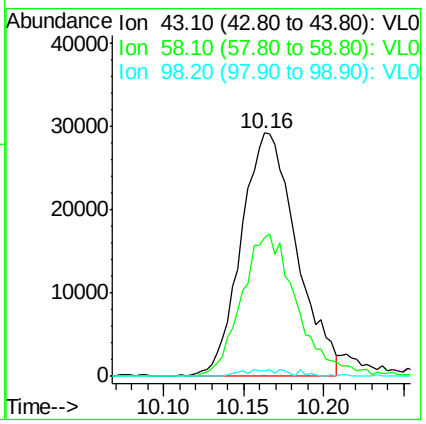


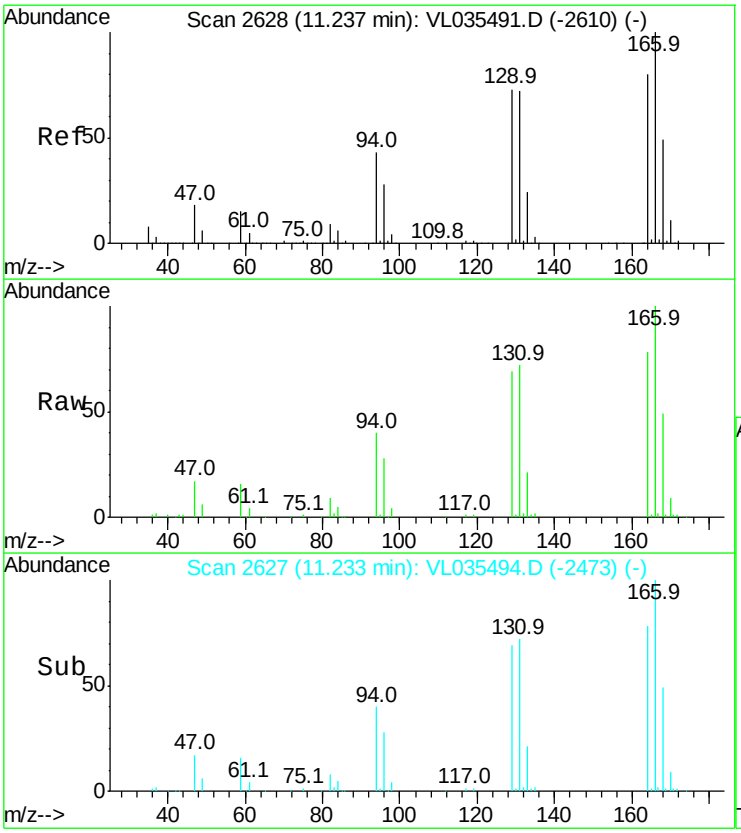
#51
2-Hexanone
Concen: 0.376 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.02 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 69295

Ion	Ratio	Lower	Upper
43	100		
58	59.1	50.3	75.5
98	2.6	0.4	0.6#

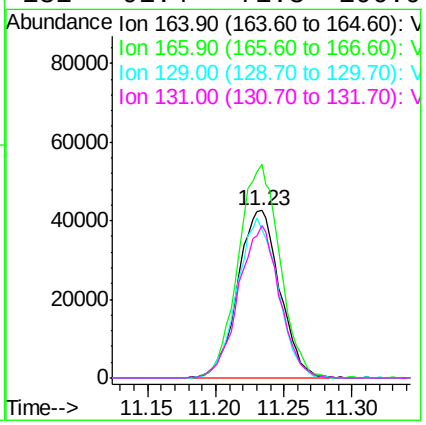


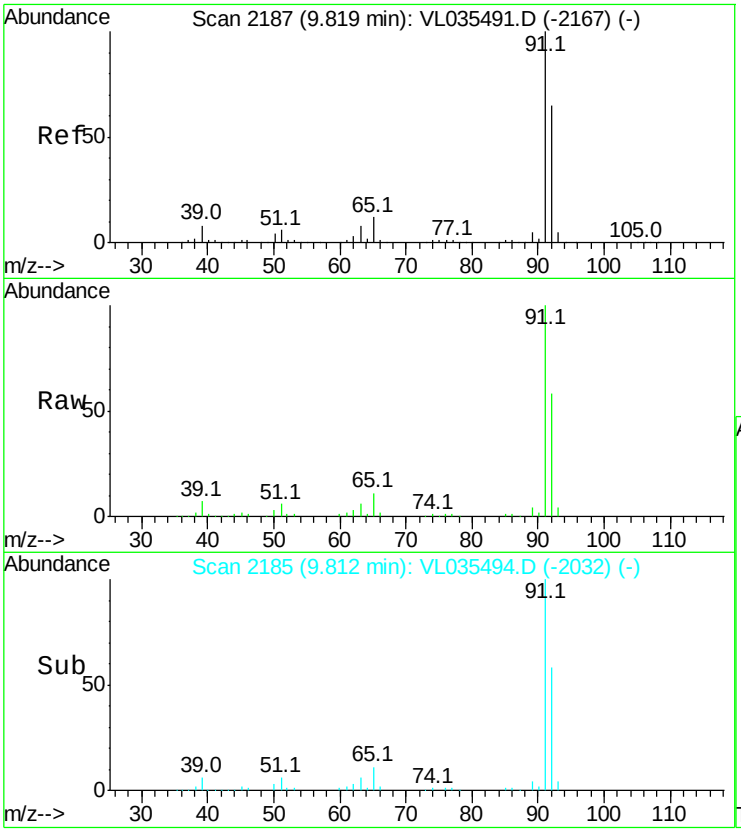


#52
Tetrachloroethene
Concen: 0.447 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:164 Resp: 91178

Ion	Ratio	Lower	Upper
164	100		
166	127.7	99.6	149.4
129	88.6	72.8	109.2
131	91.4	71.3	106.9



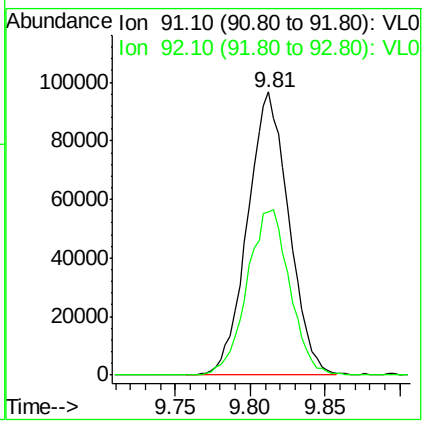


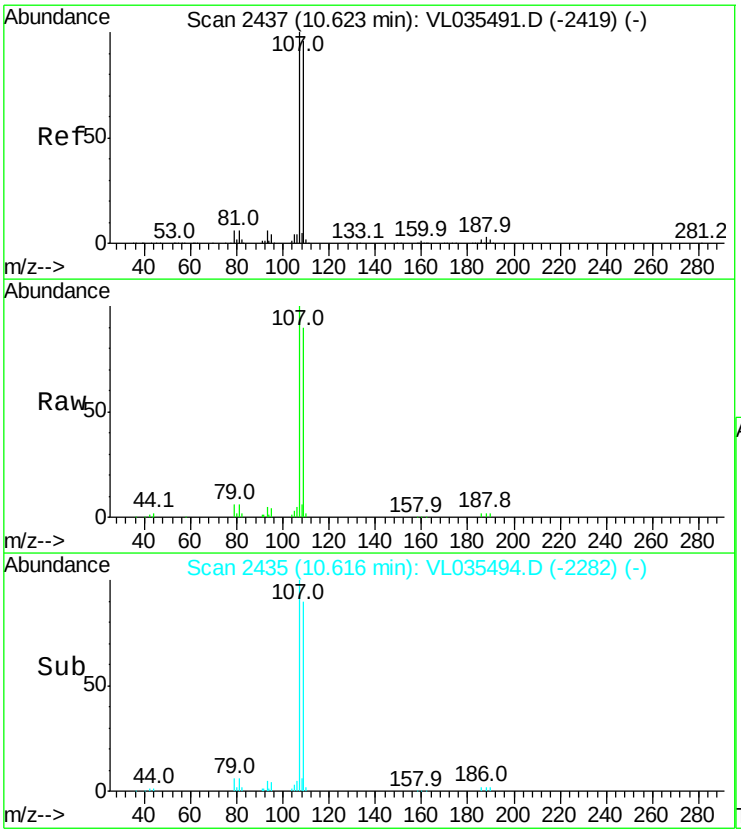
#53
Toluene
Concen: 0.432 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 186077

Ion	Ratio	Lower	Upper
91	100		
92	60.2	49.9	74.9

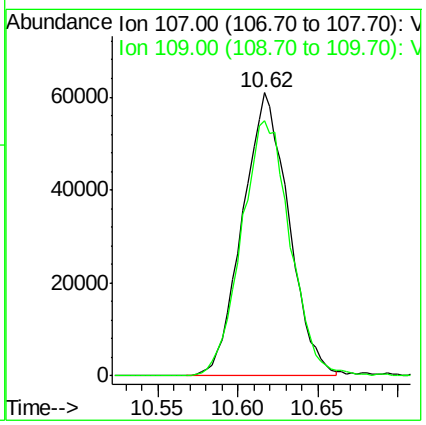


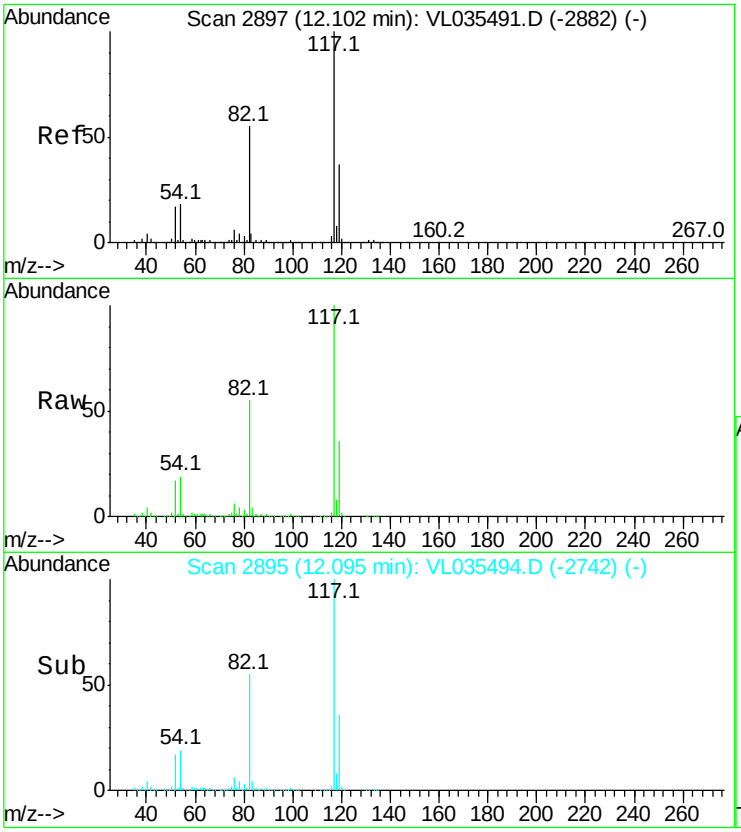


#54
1,2-Dibromoethane
Concen: 0.451 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:107 Resp: 120706

Ion	Ratio	Lower	Upper
107	100		
109	90.1	76.5	114.7



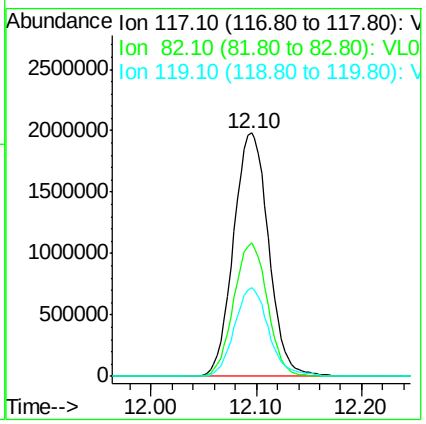


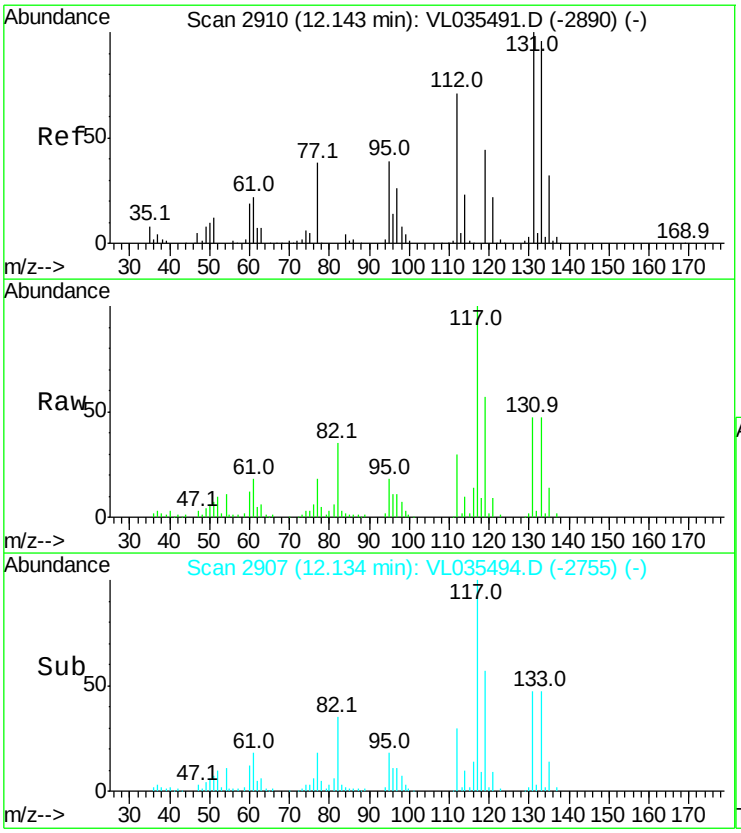
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 4573632

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.9	65.9
119	35.6	30.4	45.6

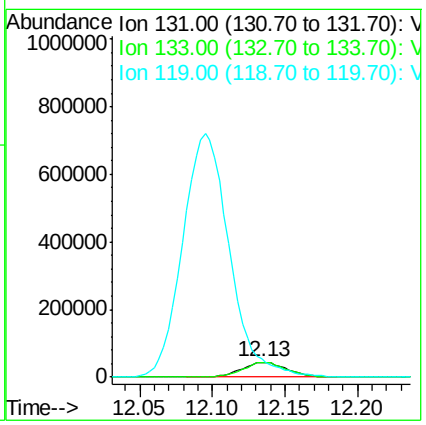


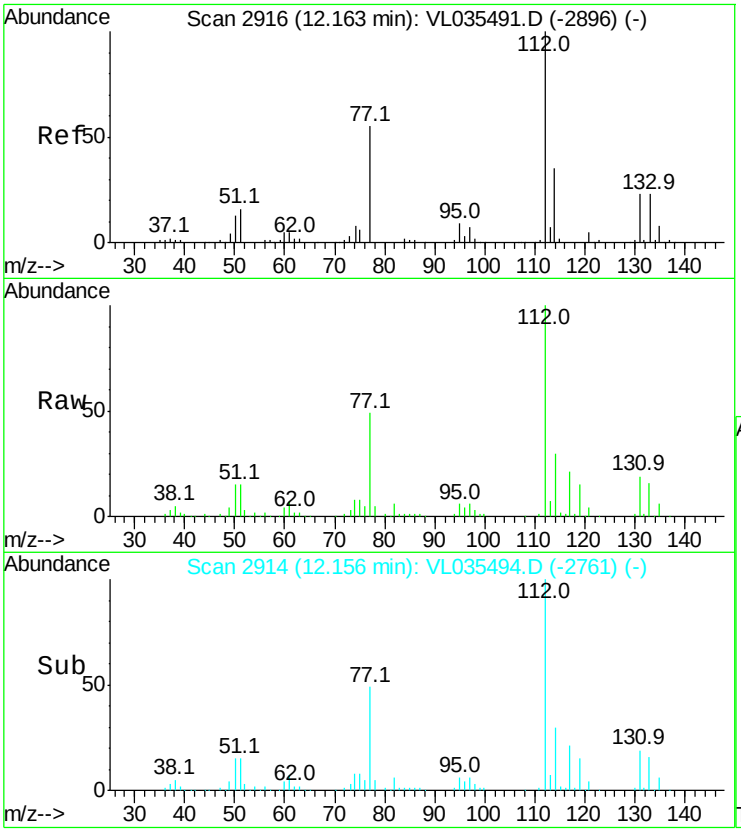


#56
1,1,1,2-Tetrachloroethane
Concen: 0.440 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion:131 Resp: 95373

Ion	Ratio	Lower	Upper
131	100		
133	97.8	76.9	115.3
119	1708.5	45.3	67.9#



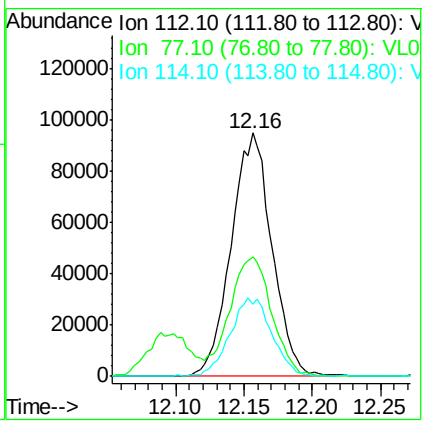


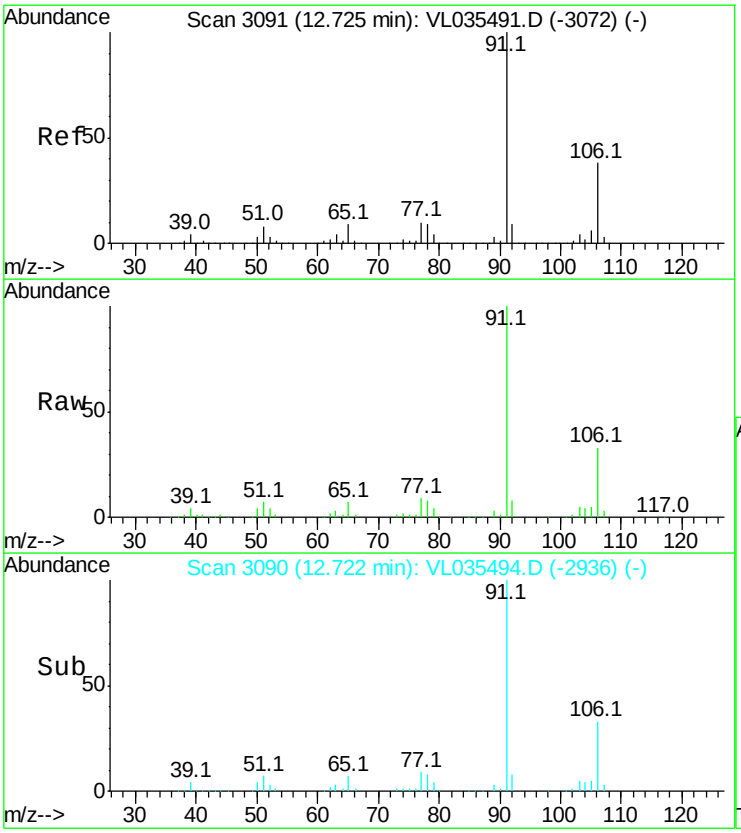
#57
Chlorobenzene
Concen: 0.507 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:112 Resp: 193598

Ion	Ratio	Lower	Upper
112	100		
77	48.9	45.2	67.8
114	29.7	31.6	38.6#





#58
Ethyl Benzene
Concen: 0.454 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.00 min
Lab File: VL035494.D
Acq: 23 Aug 2020 10:09

Tgt Ion: 91 Resp: 250888

Ion	Ratio	Lower	Upper
91	100		
106	32.8	30.2	45.2