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

Quantitation Report (Not Reviewed)

Data File : VL035495.D
Acq On : 23 Aug 2020 10:45
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Aug 23 11:57:14 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	1019235	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	4470717	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	4500400	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	3256742	10.34	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	29750	0.157	ppbv		100
3) Chlorodifluoromethane	2.98	51	13182	0.103	ppbv		96
4) Chloromethane	3.13	50	7762	0.117	ppbv	#	84
5) Vinyl Chloride	3.25	62	8048	0.101	ppbv	#	86
6) Bromomethane	3.47	94	6613	0.095	ppbv		82
7) Chloroethane	3.55	64	3423	0.117	ppbv	#	81
8) Dichlorotetrafluoroethane	3.18	85	26035	0.108	ppbv		97
9) Propene	3.01	41	6891	0.134	ppbv		97
10) Heptane	8.13	43	10327	0.077	ppbv		94
11) Trichlorofluoromethane	3.94	101	31589	0.107	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	22674	0.103	ppbv		94
14) Bromoethene	3.74	108	9080	0.093	ppbv	#	89
15) Acetone	3.87	43	20454	0.174	ppbv	#	69
16) 1,3-Butadiene	3.32	39	5327	0.112	ppbv		85
18) 1,1-Dichloroethene	4.29	96	10548	0.108	ppbv	#	82
19) Isopropyl Alcohol	3.99	45	8201	0.101	ppbv	#	92
20) Methylene Chloride	4.34	84	23085	0.244	ppbv		94
21) Allyl Chloride	4.41	41	5264	0.088	ppbv		90
22) trans-1,2-Dichloroethene	4.88	96	11013	0.106	ppbv		94
23) Vinyl Acetate	5.08	43	12874	0.077	ppbv	#	86
24) 1,1-Dichloroethane	5.01	63	17684	0.106	ppbv	#	94
25) Ethyl Acetate	5.69	43	22683	0.099	ppbv		99
26) Hexane	5.69	57	14015	0.109	ppbv		92
27) Carbon Disulfide	4.55	76	14481	0.078	ppbv	#	87
28) Methyl tert-Butyl Ether	5.06	73	19636	0.083	ppbv		97
29) Chloroform	5.75	83	28502	0.110	ppbv		97
30) Cyclohexane	7.14	84	10044	0.070	ppbv	#	26
31) cis-1,2-Dichloroethene	5.54	61	6196	0.046	ppbv		92
32) 1,1,1-Trichloroethane	6.51	97	22182	0.091	ppbv		97
34) 2-Butanone	5.27	43	14443	0.097	ppbv		96
35) Carbon Tetrachloride	7.01	117	13083	0.055	ppbv		91
36) Benzene	6.89	78	29965	0.091	ppbv		97
37) 1,2-Dichloroethane	6.31	62	15728	0.105	ppbv		100
38) Trichloroethene	7.84	130	18016	0.099	ppbv	#	88
39) 1,2-Dichloropropane	7.61	63	10942	0.101	ppbv		91
41) Tetrahydrofuran	6.09	42	2703	0.033	ppbv	#	8
42) Bromodichloromethane	7.79	83	21013	0.084	ppbv		98
43) Methyl Methacrylate	8.02	69	5354	0.042	ppbv	#	12
44) 2,2,4-Trimethylpentane	7.87	57	34717	0.081	ppbv	#	93
46) cis-1,3-Dichloropropene	8.71	75	10387	0.063	ppbv	#	83
47) 1,1,2-Trichloroethane	9.48	97	16001	0.099	ppbv		97

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

Quantitation Report (Not Reviewed)

Data File : VL035495.D
Acq On : 23 Aug 2020 10:45
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Aug 23 11:57:14 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)
48) Dibromochloromethane	10.31	129	16776	0.062	ppbv		95
50) 4-Methyl-2-Pentanone	8.78	43	16061	0.075	ppbv		97
52) Tetrachloroethene	11.23	164	18346	0.092	ppbv		92
53) Toluene	9.81	91	32105	0.076	ppbv		97
54) 1,2-Dibromoethane	10.61	107	13869	0.053	ppbv		95
57) Chlorobenzene	12.16	112	40299	0.107	ppbv		93
58) Ethyl Benzene	12.73	91	40139	0.074	ppbv		93
59) m/p-Xylene	13.00	91	29614	0.064	ppbv	#	5
60) o-Xylene	13.70	91	18321	0.041	ppbv	#	43
61) Styrene	13.54	104	13047	0.036	ppbv	#	31
62) Isopropylbenzene	14.68	105	63186	0.086	ppbv		94
63) 1,1,2,2-Tetrachloroethane	13.70	83	30510	0.095	ppbv		97
64) n-propylbenzene	15.58	120	16209	0.072	ppbv	#	66
65) tert-Butylbenzene	16.76	119	28351	0.040	ppbv	#	55
67) sec-Butylbenzene	17.31	105	33404	0.036	ppbv	#	70
70) n-Butylbenzene	18.57	91	29105	0.037	ppbv	#	29
71) 2-Chlorotoluene	15.47	91	40403	0.076	ppbv		98
72) 4-Ethyltoluene	15.85	105	37197	0.064	ppbv		98
73) 1,3,5-Trimethylbenzene	16.02	105	29614	0.054	ppbv		90
74) 1,2,4-Trimethylbenzene	16.78	105	19291	0.033	ppbv		93
75) 1,3-Dichlorobenzene	17.01	146	25842	0.056	ppbv	#	44
76) 1,4-Dichlorobenzene	17.16	146	40263	0.089	ppbv		96
77) 1,2-Dichlorobenzene	17.84	146	24107	0.054	ppbv	#	45
78) Hexachloro-1,3-Butadiene	23.39	225	14498	0.041	ppbv	#	18
79) Naphthalene	22.23	128	33578	0.040	ppbv		97
80) Naphthalene,2-methyl-	25.00	142	14332	0.042	ppbv		94
81) 1,2,4-Trichlorobenzene	21.96	180	39262	0.078	ppbv		97

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

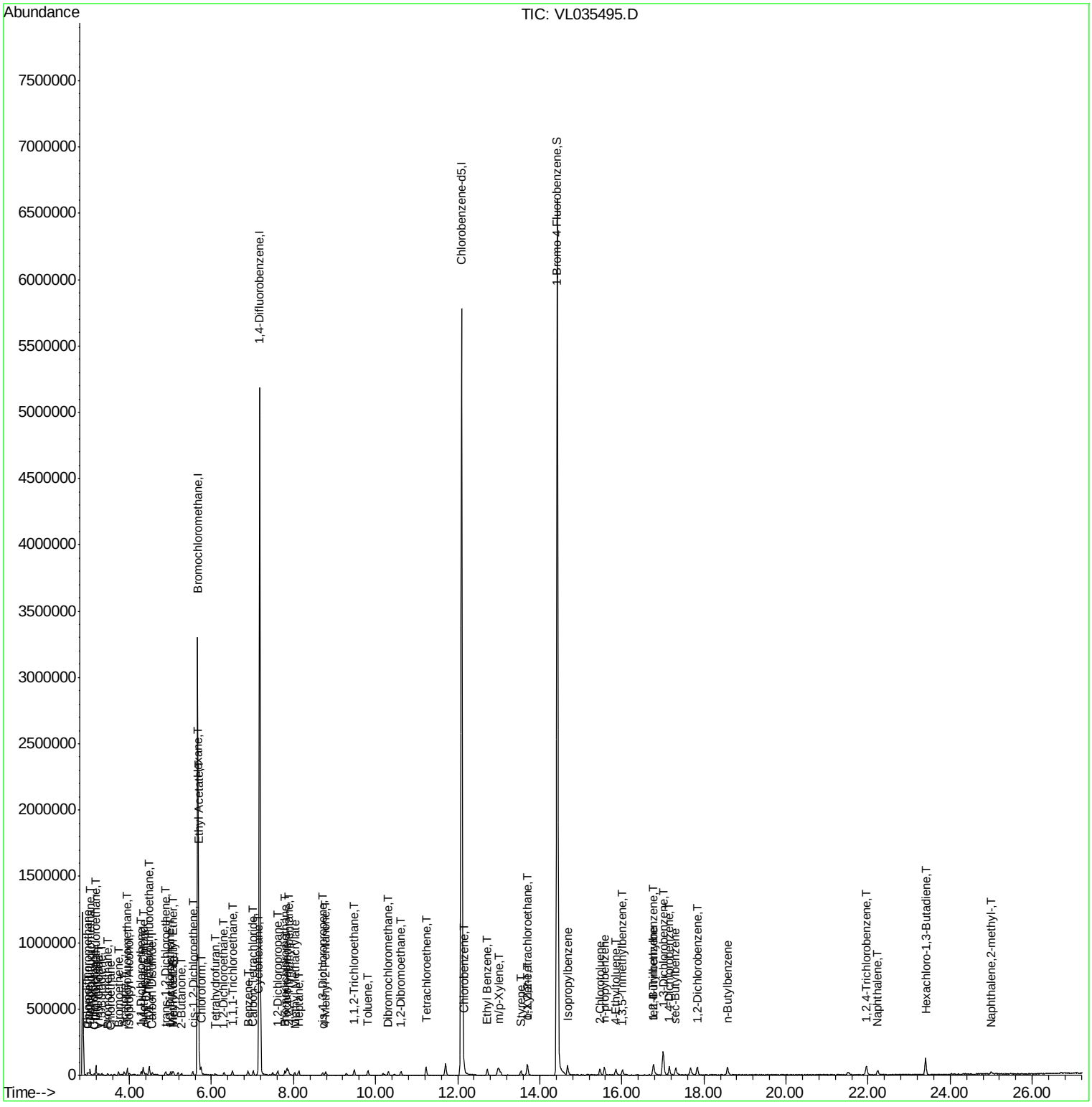
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082320\

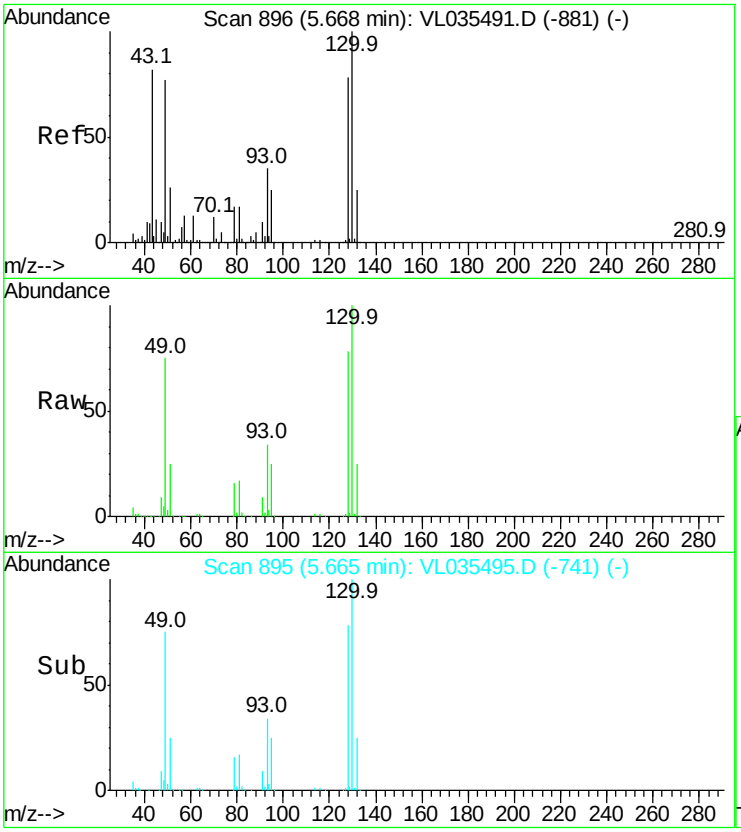
Quantitation Report (Not Reviewed)

Data File : VL035495.D
Acq On : 23 Aug 2020 10:45
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Aug 23 11:57:14 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



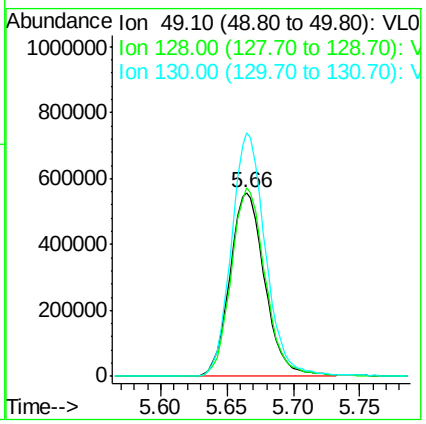


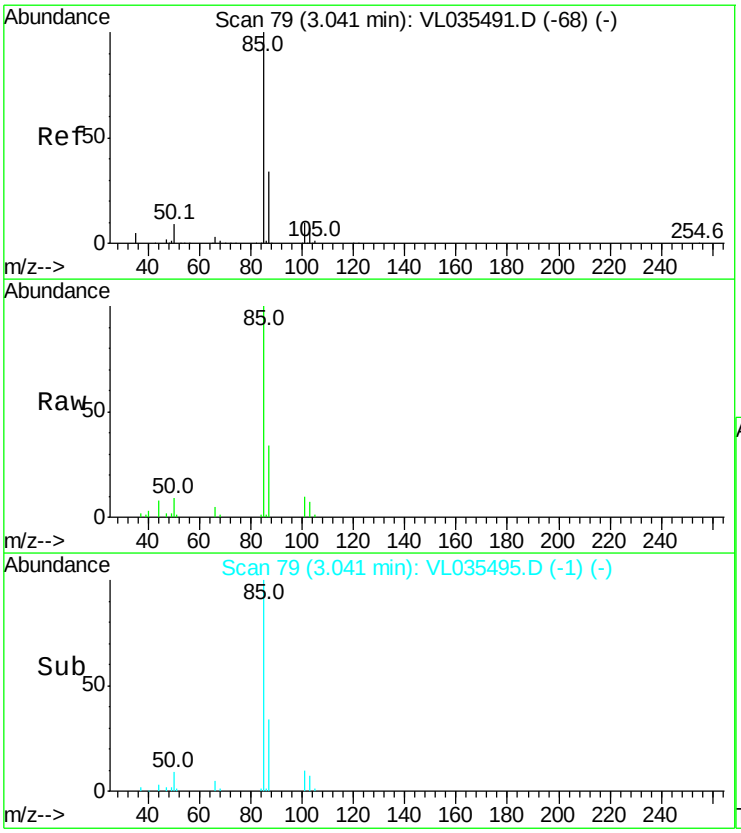
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1019235

Ion	Ratio	Lower	Upper
49	100		
128	101.5	51.6	154.9
130	131.1	66.1	198.4

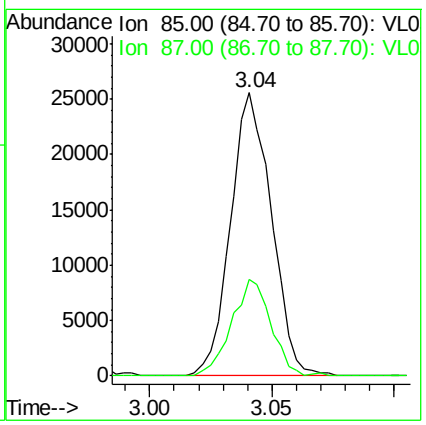


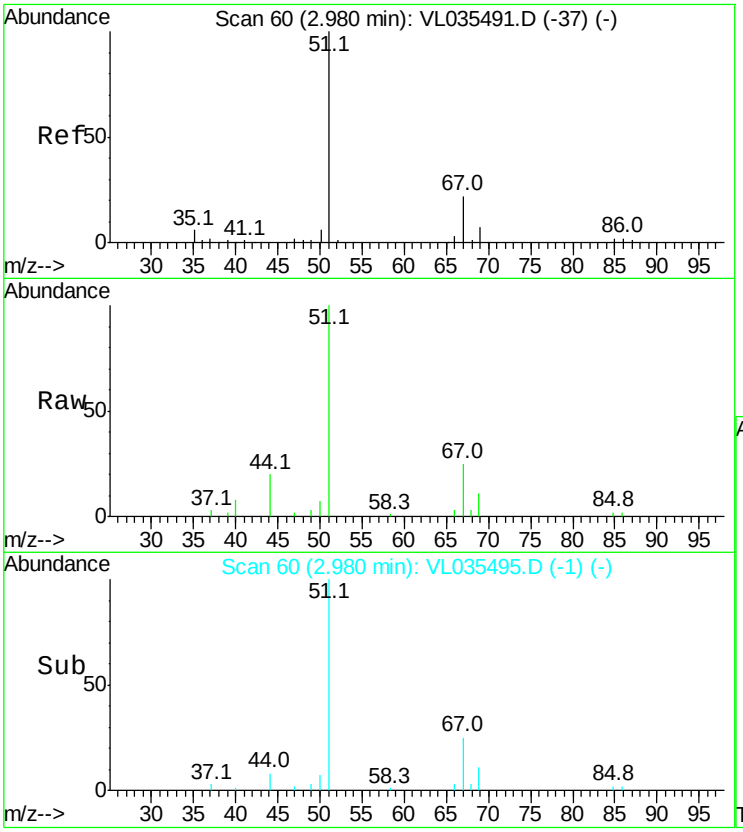


#2
Dichlorodifluoromethane
Concen: 0.157 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 85 Resp: 29750

Ion	Ratio	Lower	Upper
85	100		
87	33.9	27.3	40.9



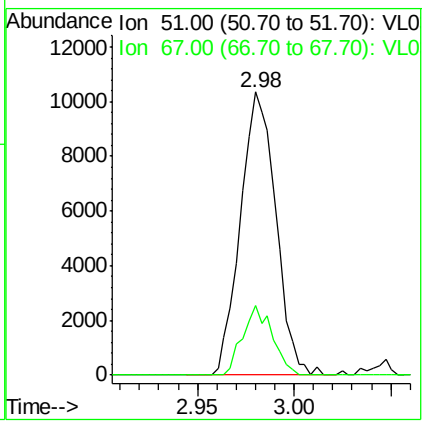


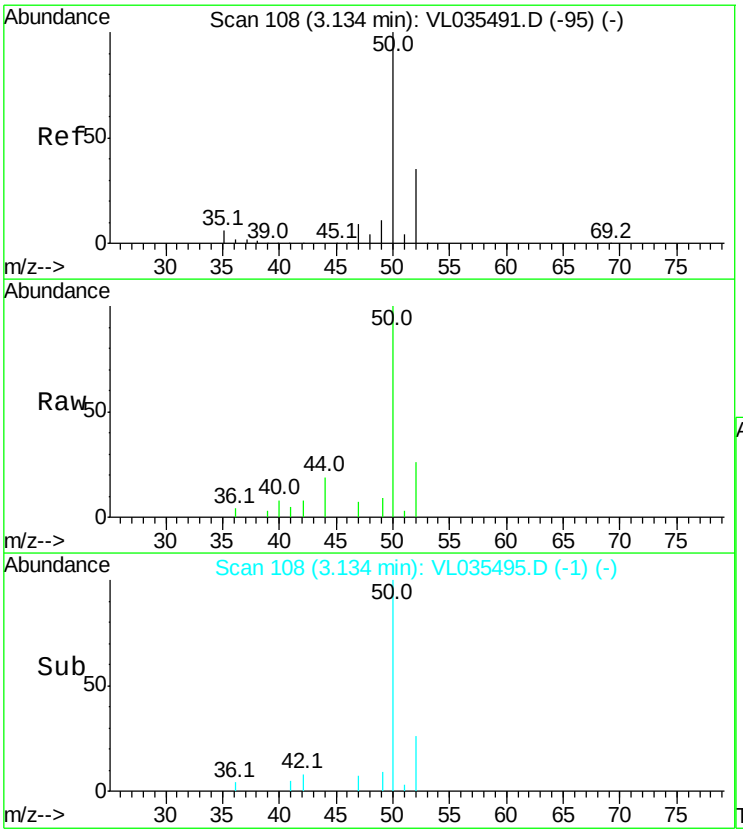
#3
Chlorodifluoromethane
Concen: 0.103 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 13182

Ion	Ratio	Lower	Upper
51	100		
67	20.6	17.9	26.9

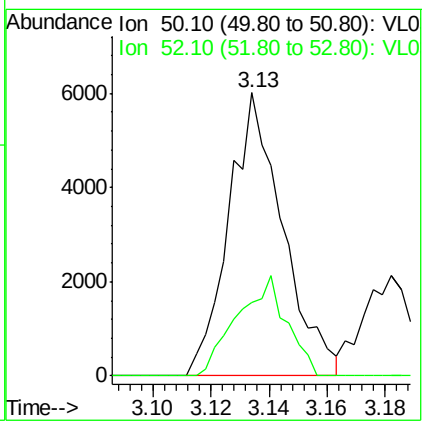


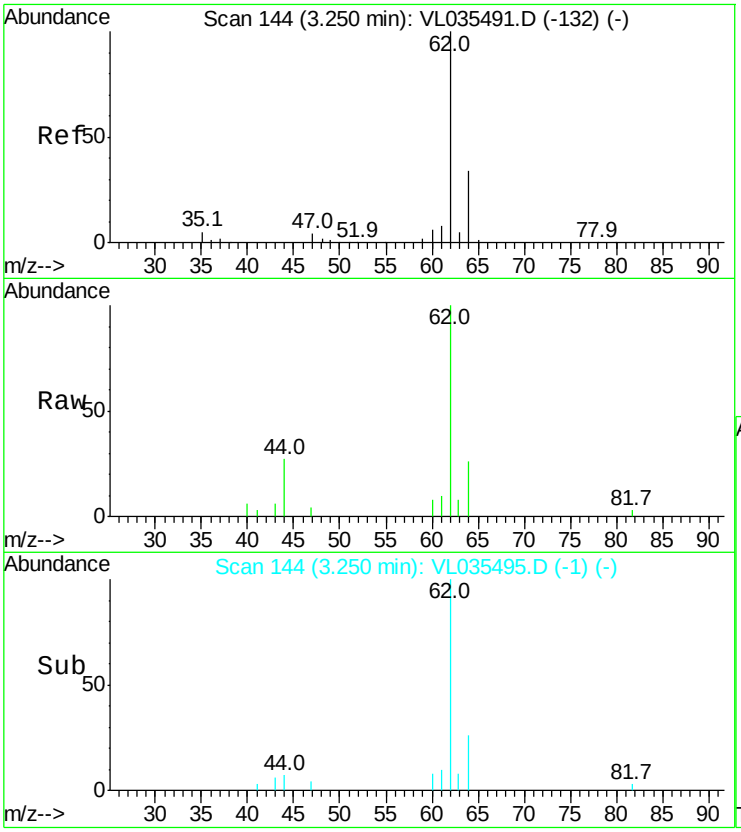


#4
Chloromethane
Concen: 0.117 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 50 Resp: 7762

Ion	Ratio	Lower	Upper
50	100		
52	26.0	28.2	42.2#



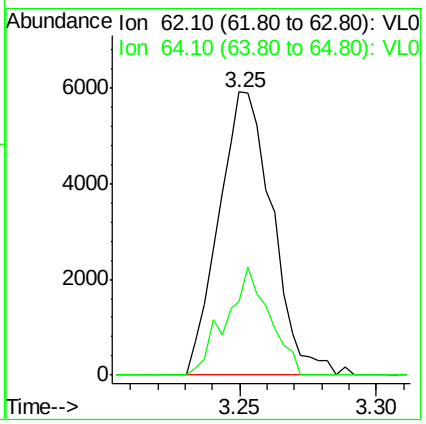


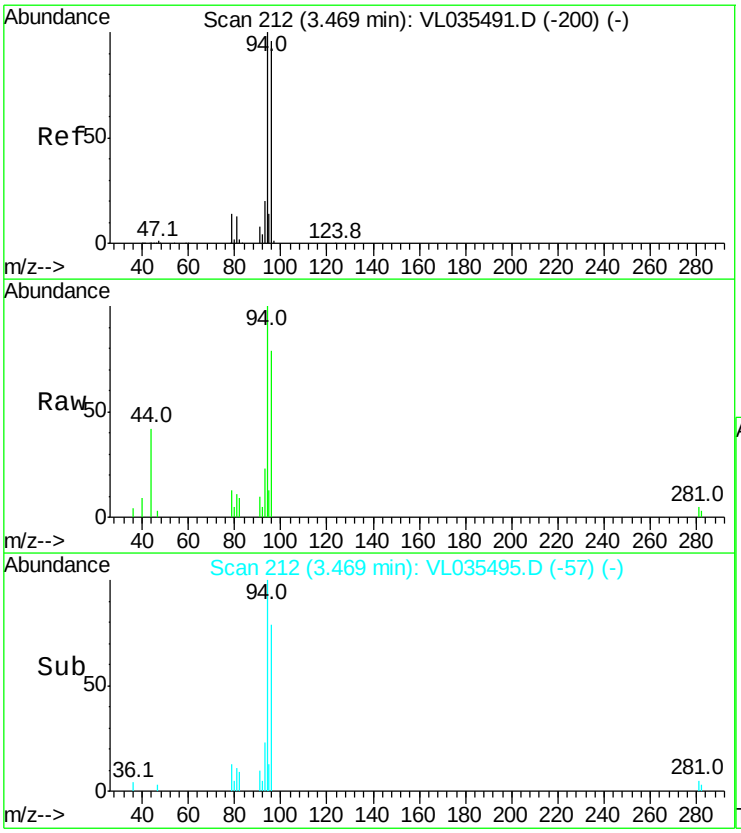
#5
Vinyl Chloride
Concen: 0.101 ppbv
RT: 3.25 min Scan# 144
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 8048

Ion	Ratio	Lower	Upper
62	100		
64	26.1	27.1	40.7#

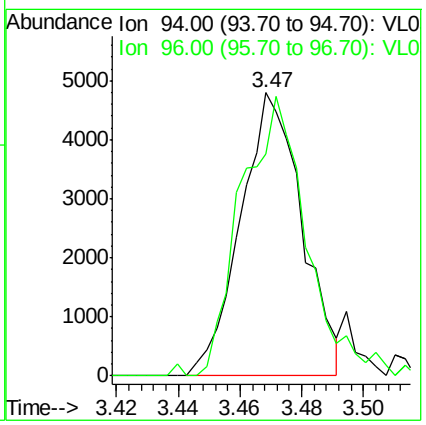


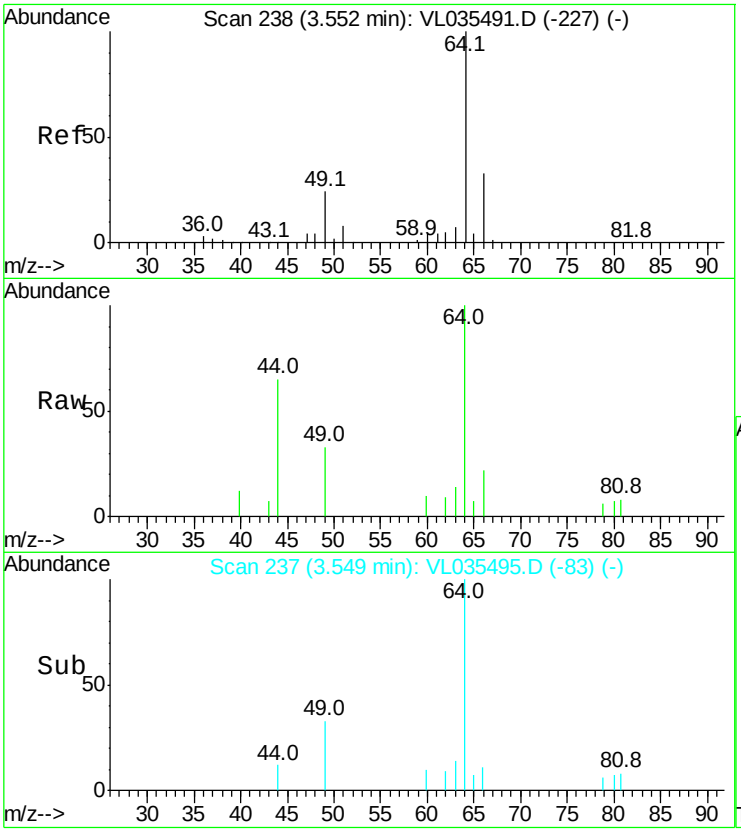


#6
Bromomethane
Concen: 0.095 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 94 Resp: 6613

Ion	Ratio	Lower	Upper
94	100		
96	78.5	76.6	115.0



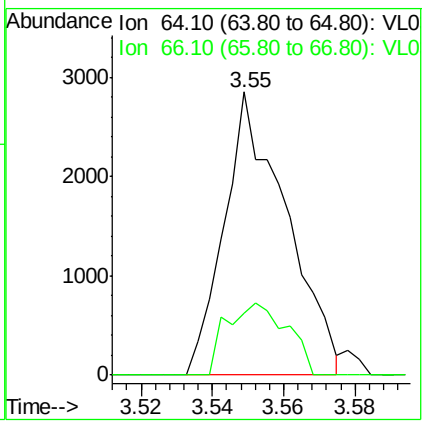


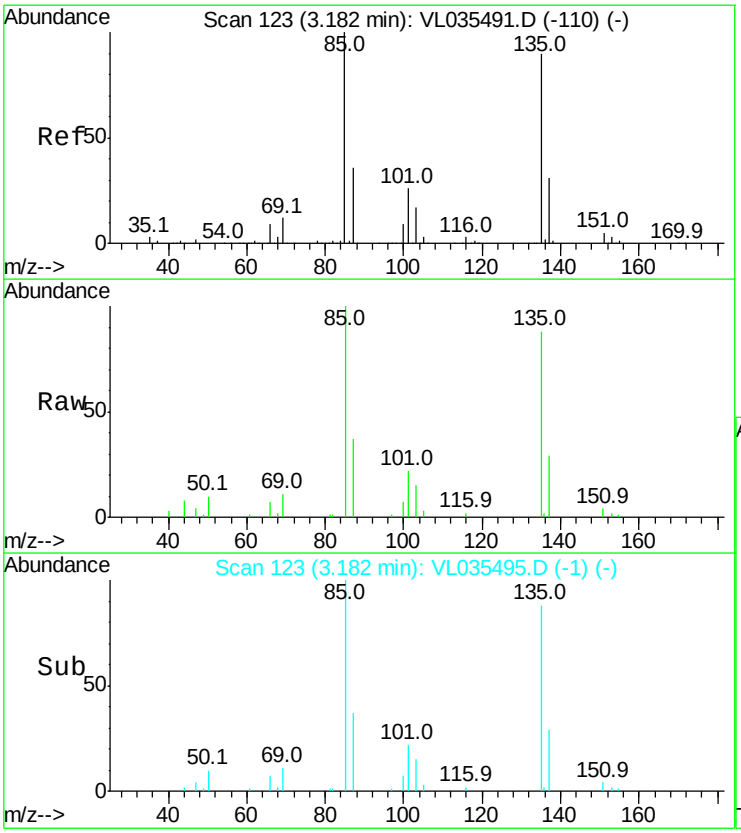
#7
Chloroethane
Concen: 0.117 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 64 Resp: 3423

Ion	Ratio	Lower	Upper
64	100		
66	21.8	26.2	39.2#

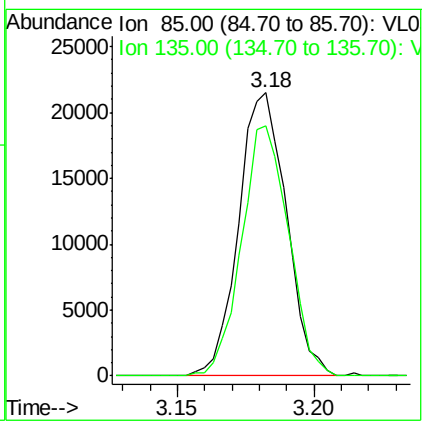


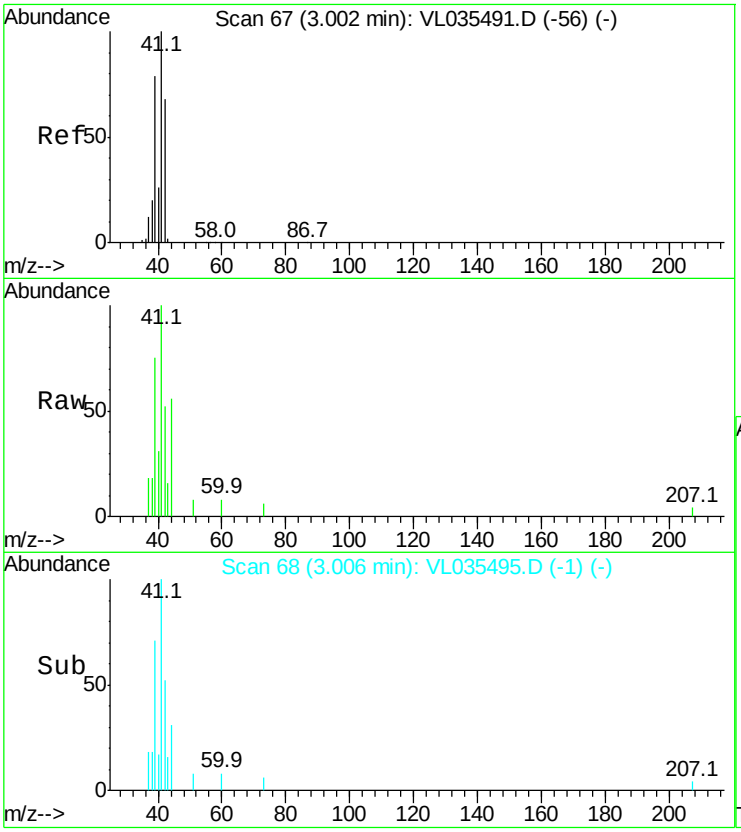


#8
Dichlorotetrafluoroethane
Concen: 0.108 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 85 Resp: 26035

Ion	Ratio	Lower	Upper
85	100		
135	86.6	71.8	107.6



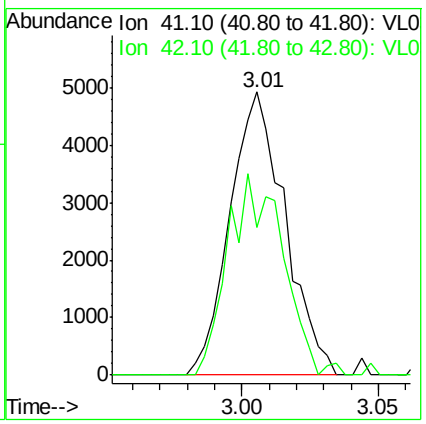


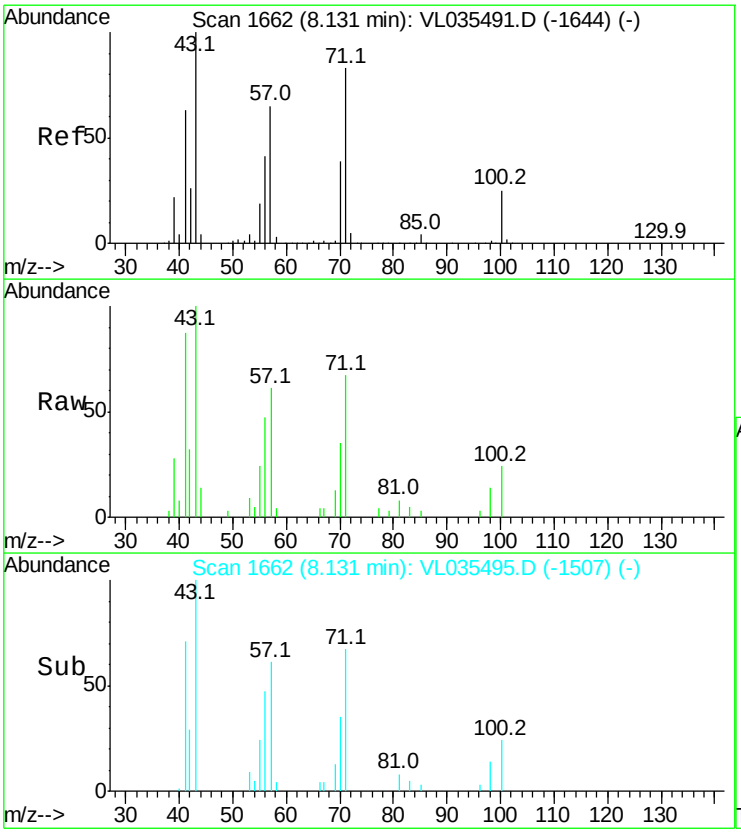
#9
Propene
Concen: 0.134 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 6891

Ion	Ratio	Lower	Upper
41	100		
42	71.8	55.3	82.9

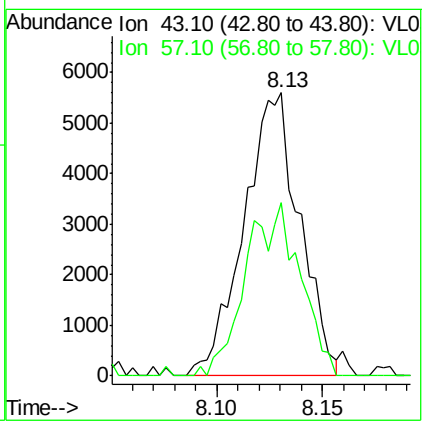


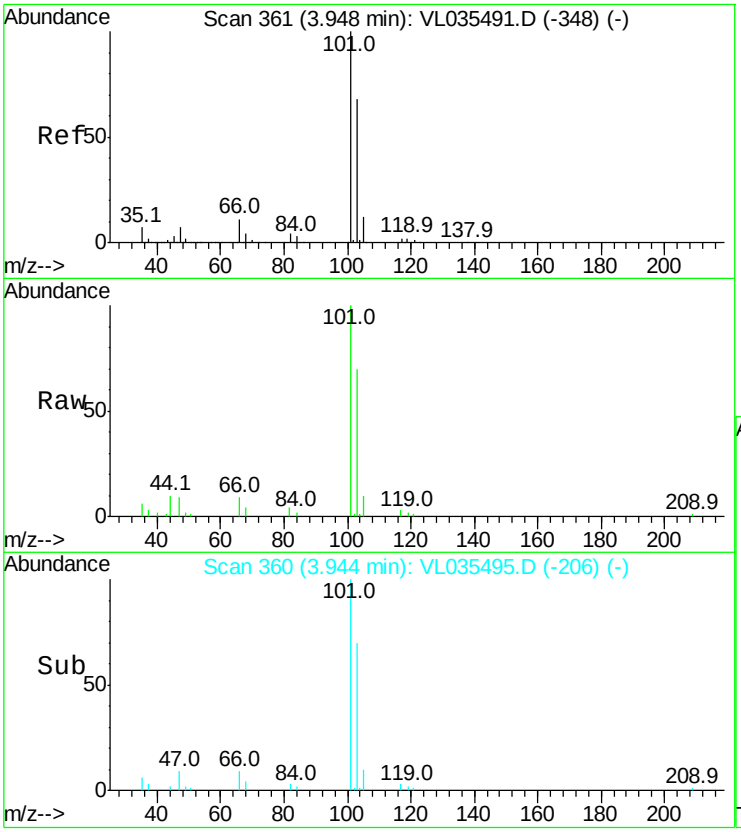


#10
Heptane
Concen: 0.077 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 43 Resp: 10327

Ion	Ratio	Lower	Upper
43	100		
57	59.3	51.4	77.2



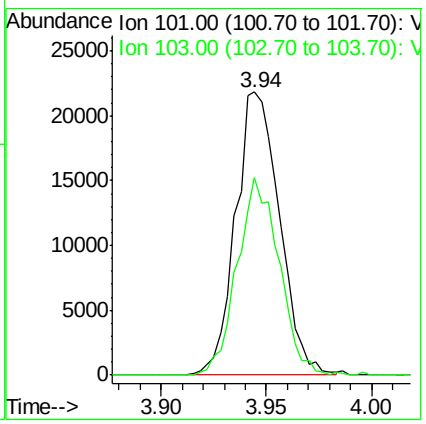


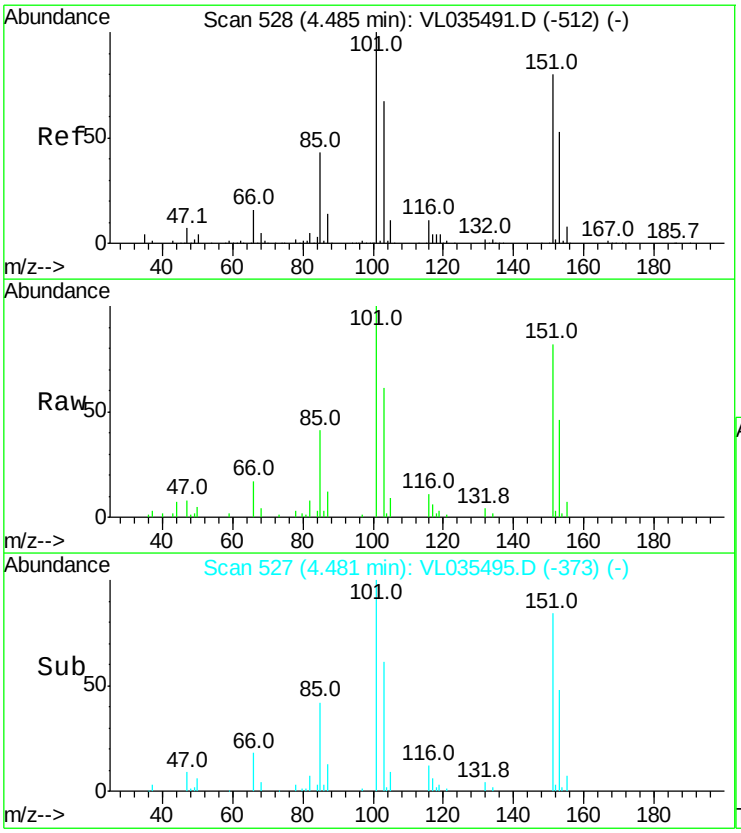
#11
Trichlorofluoromethane
Concen: 0.107 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 31589

Ion	Ratio	Lower	Upper
101	100		
103	69.7	54.4	81.6

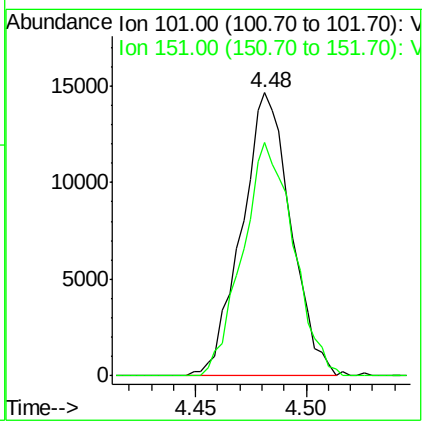


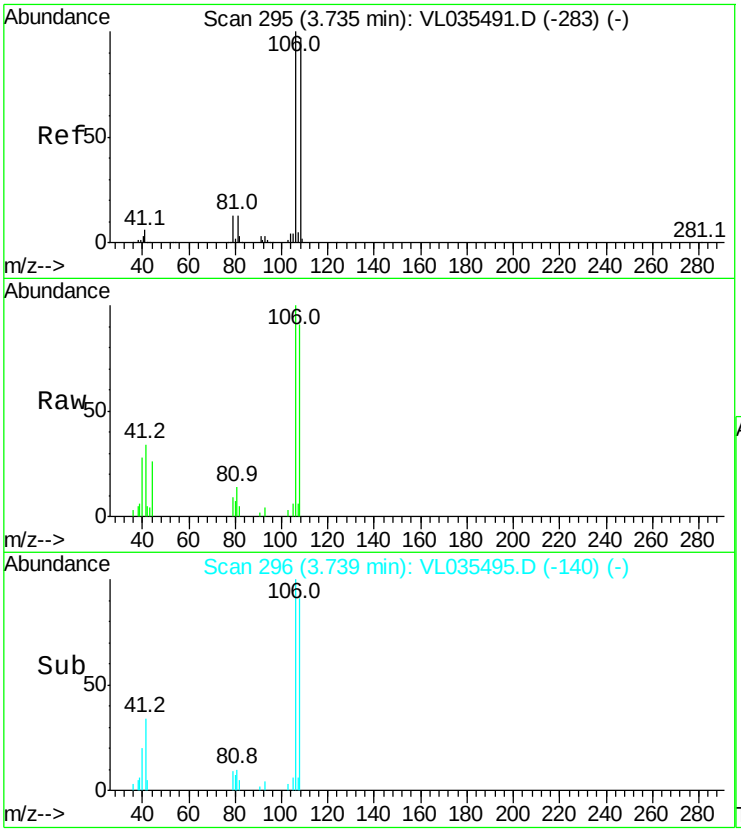


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.103 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:101 Resp: 22674

Ion	Ratio	Lower	Upper
101	100		
151	85.4	64.1	96.1



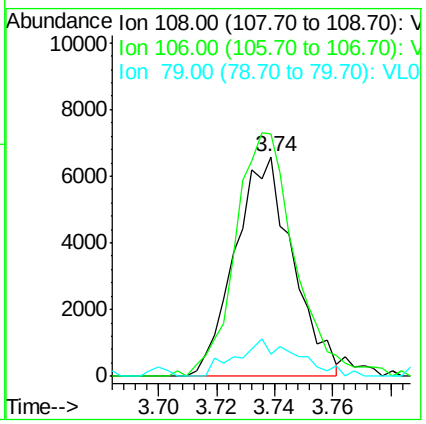


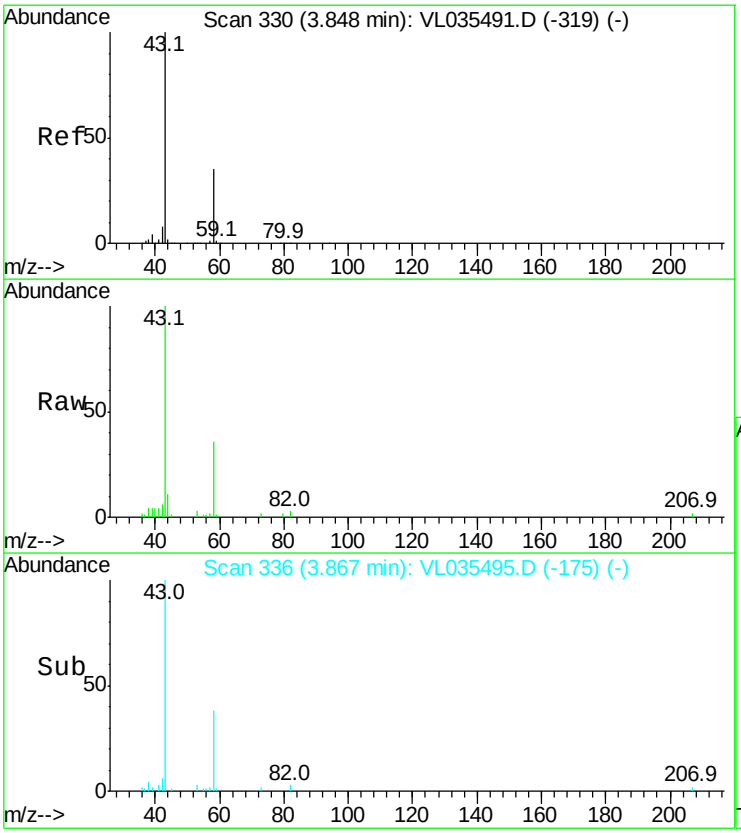
#14
Bromoethene
Concen: 0.093 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 9080

Ion	Ratio	Lower	Upper
108	100		
106	115.7	83.6	125.4
79	19.5	10.7	16.1#

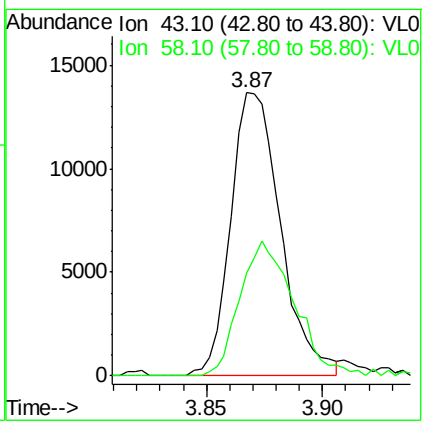


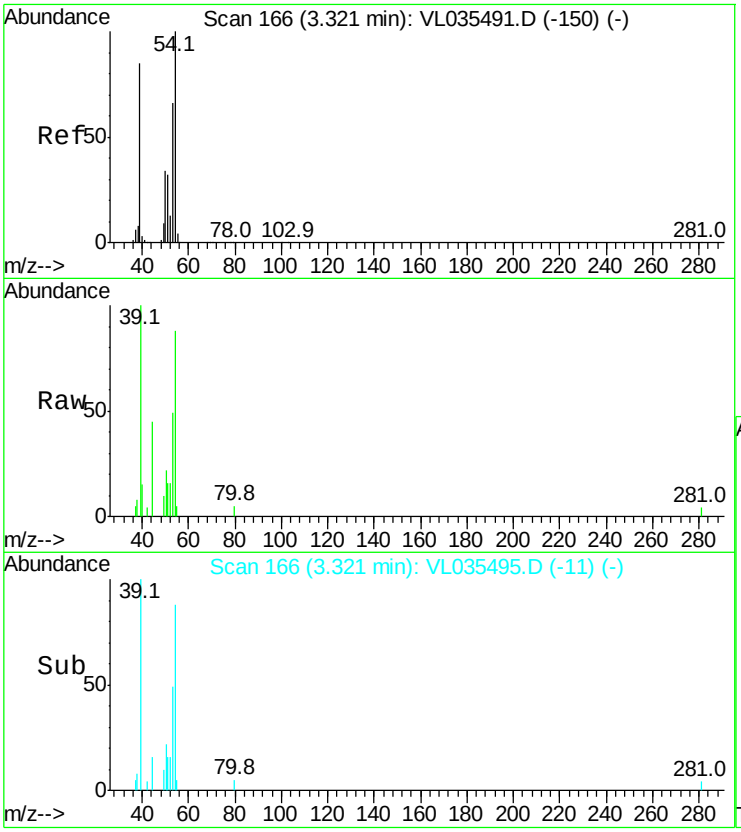


#15
Acetone
Concen: 0.174 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 43 Resp: 20454

Ion	Ratio	Lower	Upper
43	100		
58	52.5	27.8	41.6#



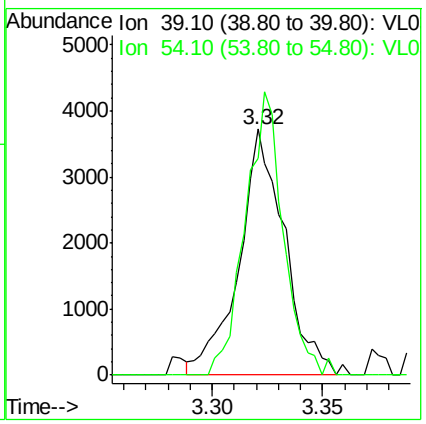


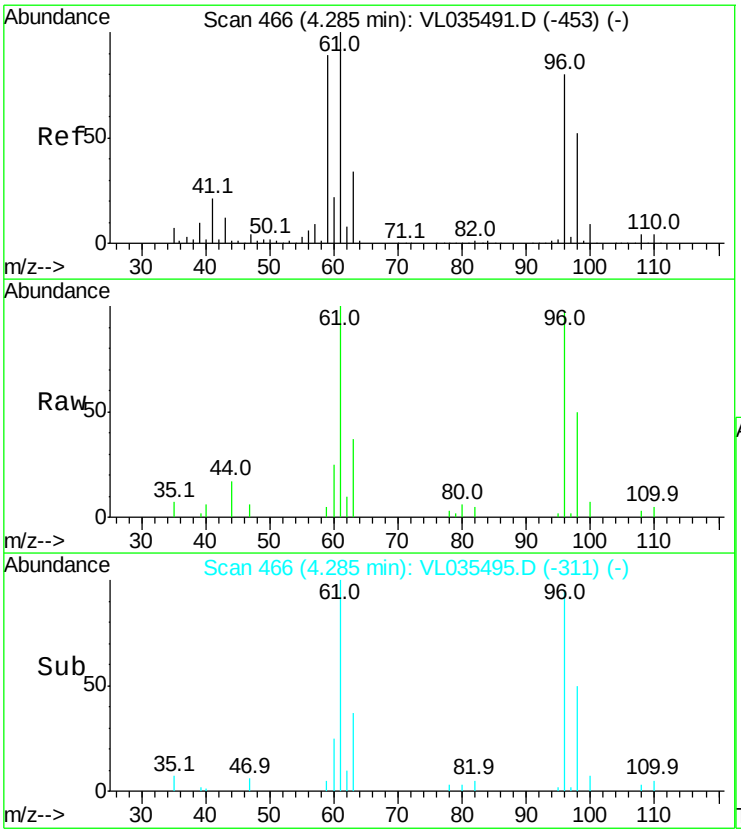
#16
1,3-Butadiene
Concen: 0.112 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 39 Resp: 5327

Ion	Ratio	Lower	Upper
39	100		
54	95.9	89.3	133.9

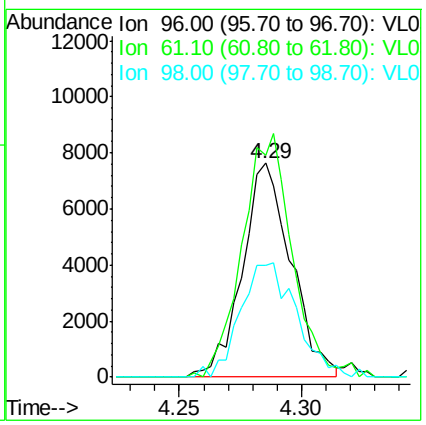


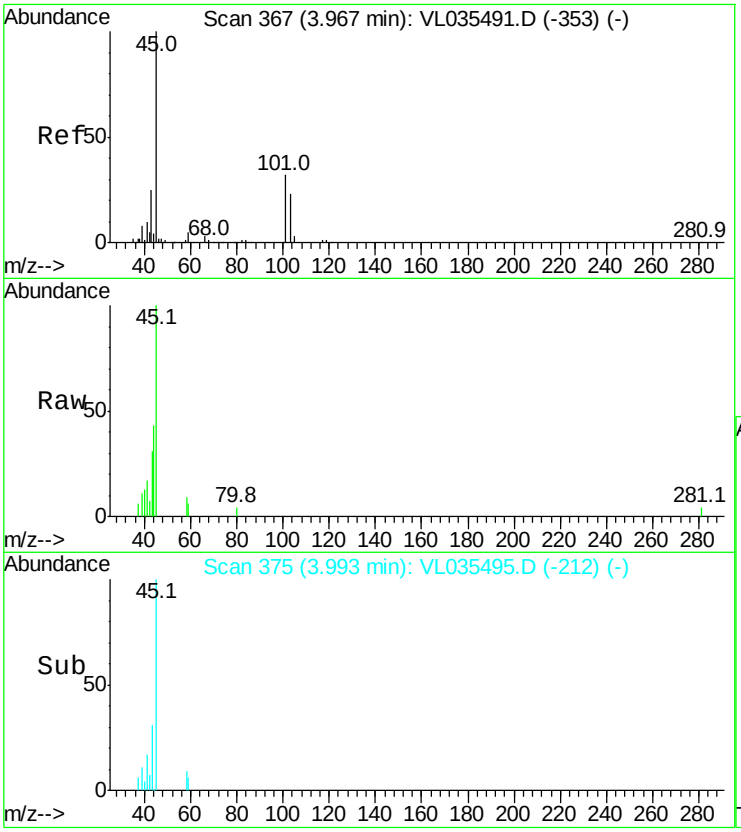


#18
1,1-Dichloroethene
Concen: 0.108 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 96 Resp: 10548

Ion	Ratio	Lower	Upper
96	100		
61	103.5	99.9	149.9
98	52.1	52.2	78.4#



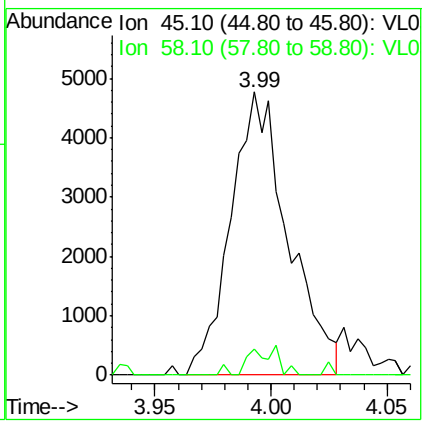


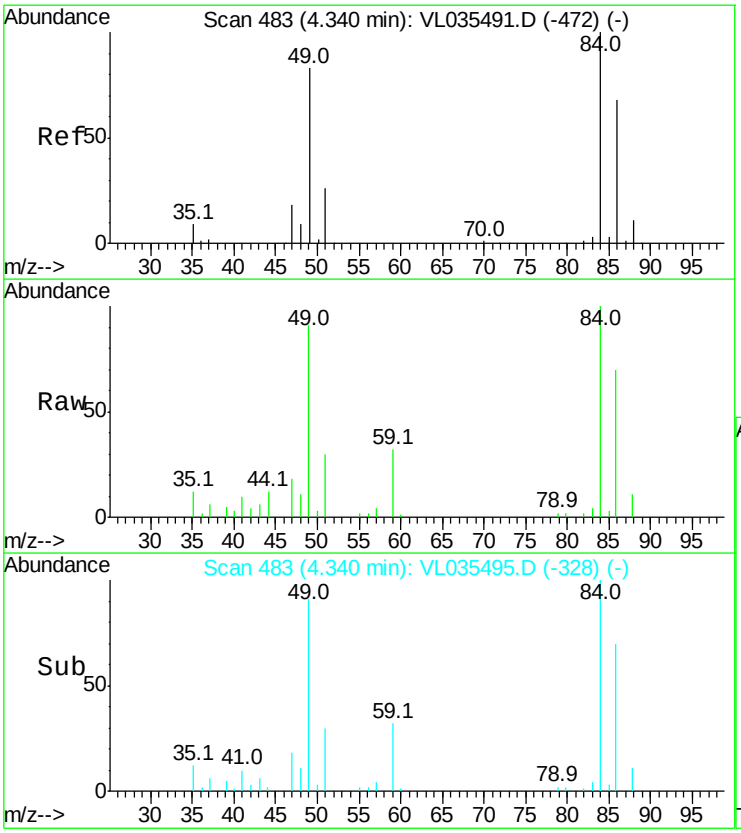
#19
Isopropyl Alcohol
Concen: 0.101 ppbv
RT: 3.99 min Scan# 375
Delta R.T. 0.03 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 8201

Ion	Ratio	Lower	Upper
45	100		
58	5.0	1.8	2.8#

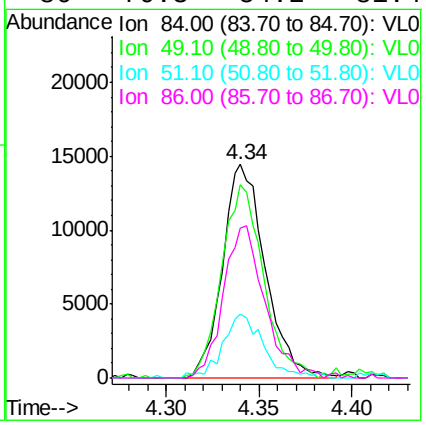


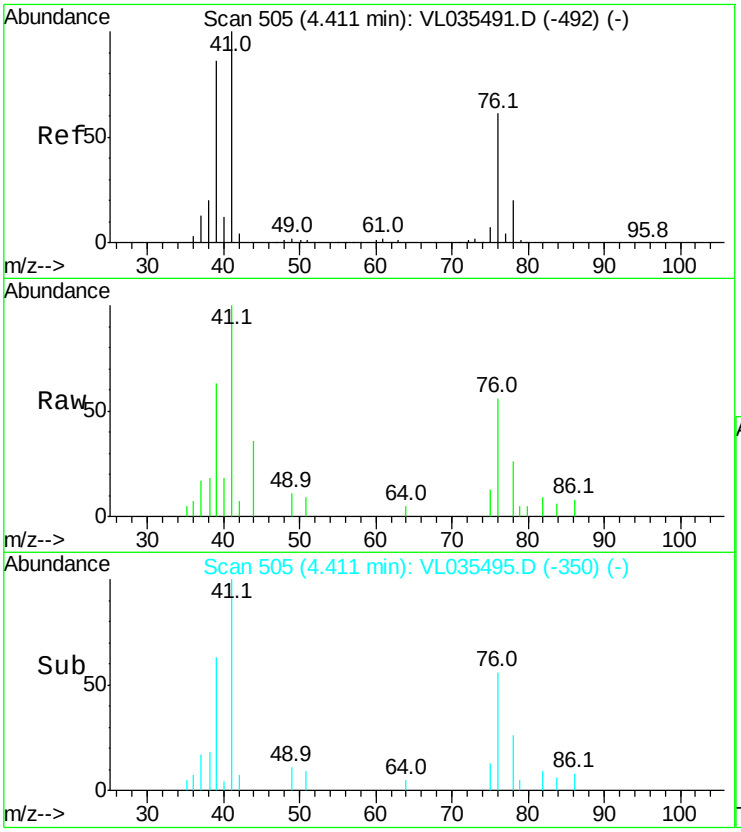


#20
Methylene Chloride
Concen: 0.244 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 84 Resp: 23085

Ion	Ratio	Lower	Upper
84	100		
49	89.4	66.3	99.5
51	30.2	21.1	31.7
86	70.3	54.2	81.4



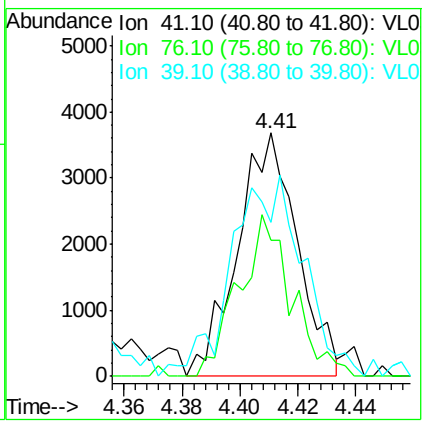


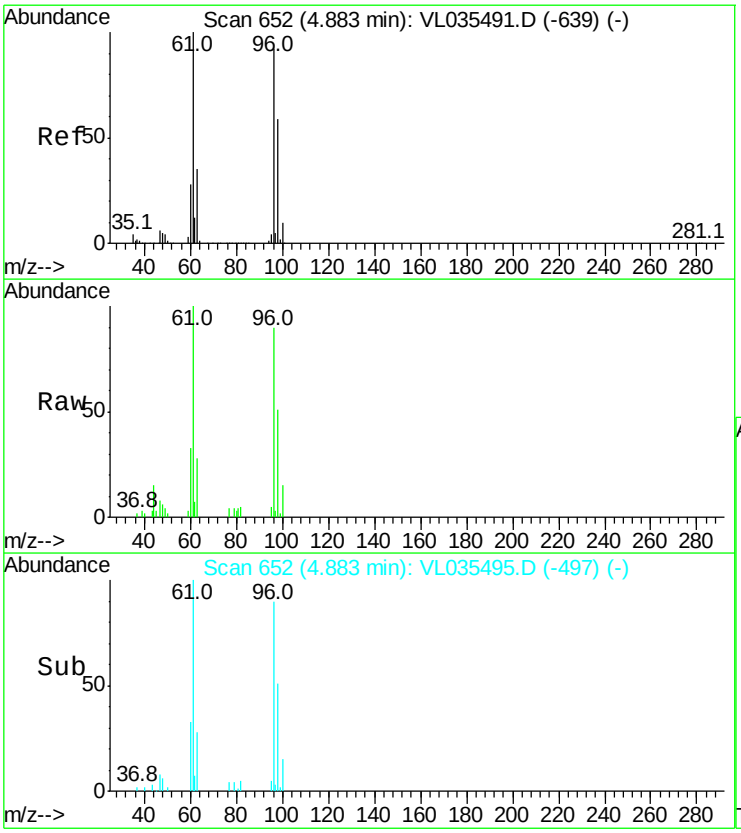
#21
Allyl Chloride
Concen: 0.088 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 5264

Ion	Ratio	Lower	Upper
41	100		
76	59.8	47.3	70.9
39	100.3	69.0	103.4

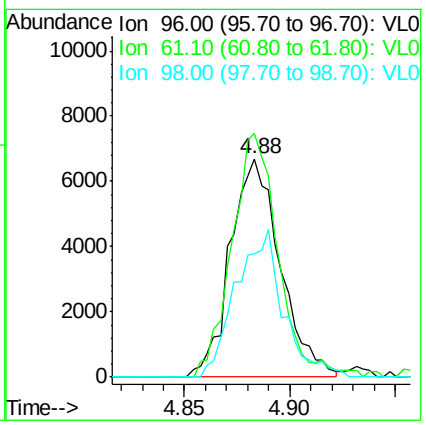


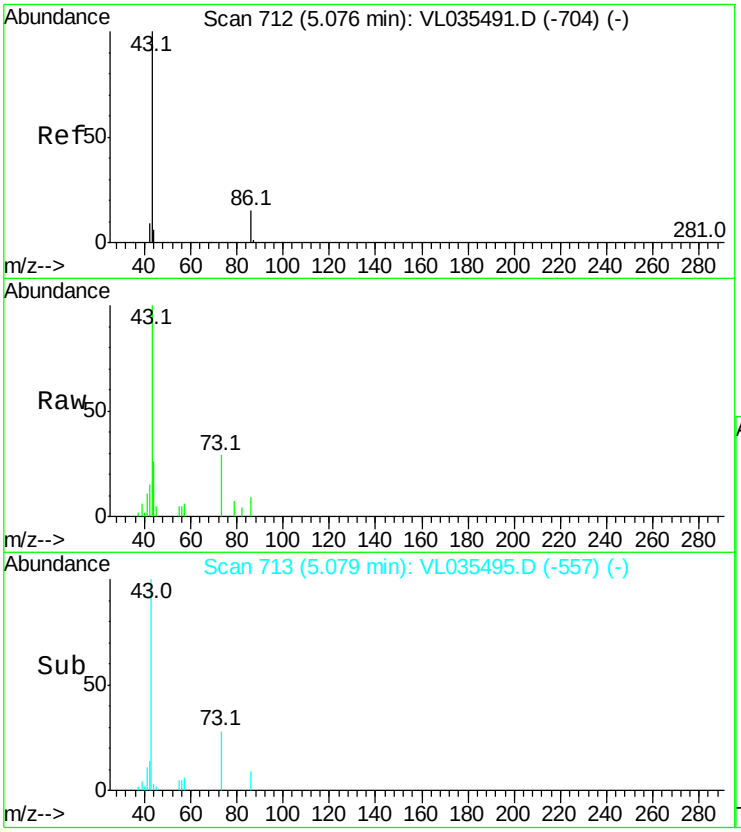


#22
trans-1,2-Dichloroethene
Concen: 0.106 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 96 Resp: 11013

Ion	Ratio	Lower	Upper
96	100		
61	111.5	86.5	129.7
98	56.6	51.4	77.2



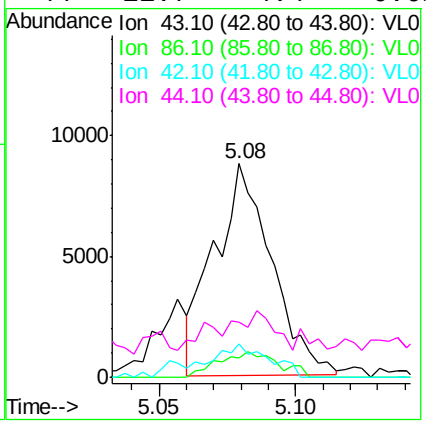


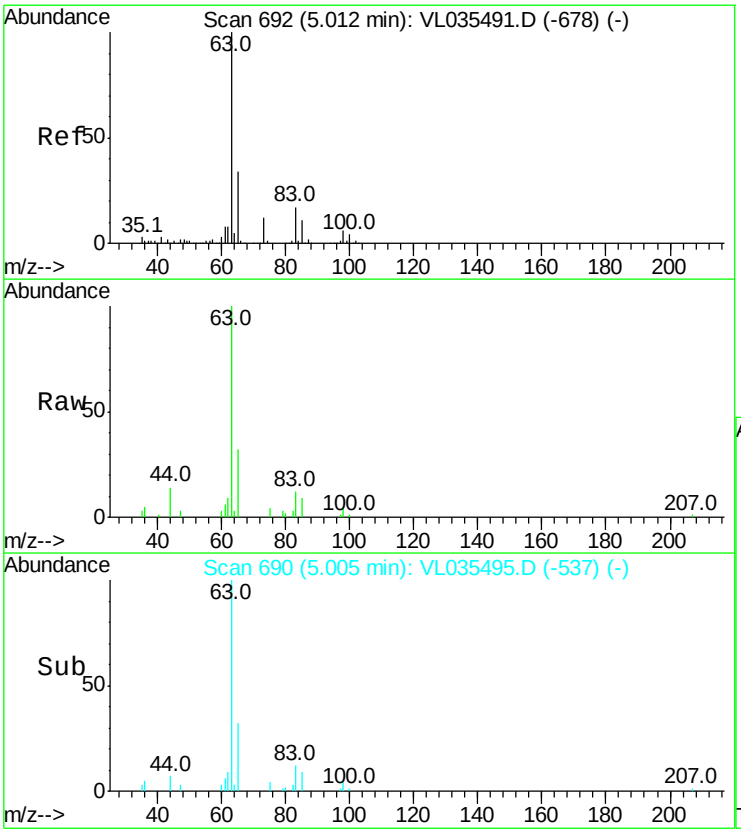
#23
Vinyl Acetate
Concen: 0.077 ppbv
RT: 5.08 min Scan# 713
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 12874

Ion	Ratio	Lower	Upper
43	100		
86	9.3	10.9	16.3#
42	15.9	7.8	11.8#
44	11.7	4.4	6.6#

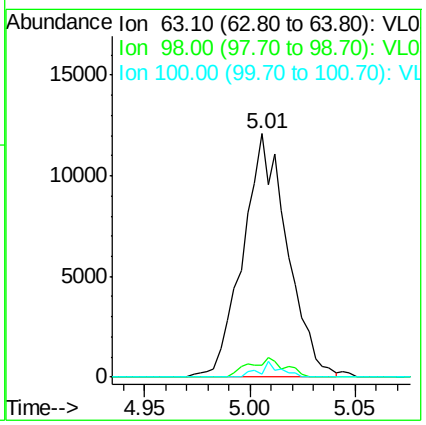


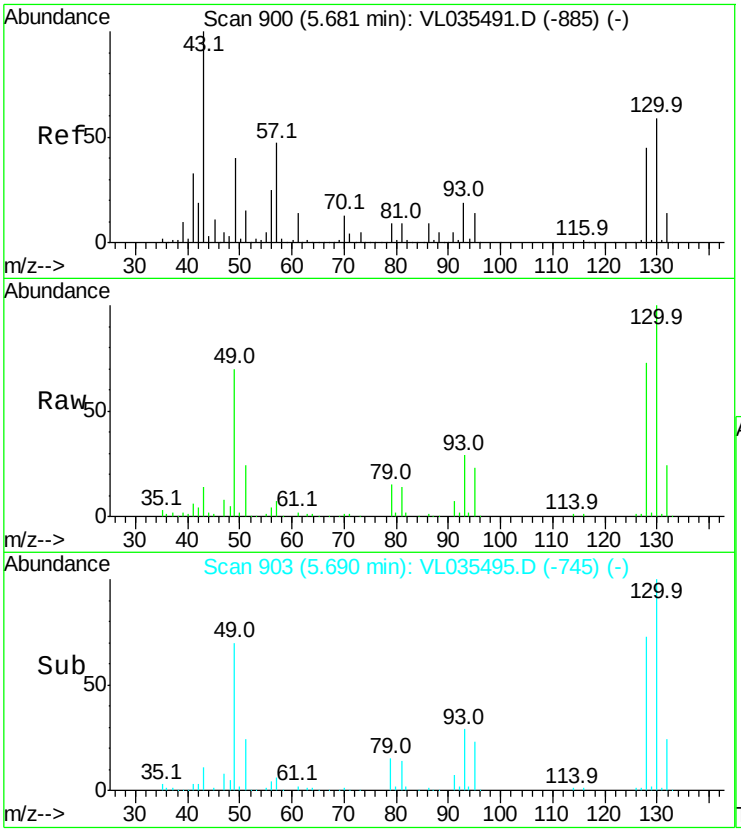


#24
1,1-Dichloroethane
Concen: 0.106 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 63 Resp: 17684

Ion	Ratio	Lower	Upper
63	100		
98	4.9	3.1	9.4
100	1.4	2.0	6.0#



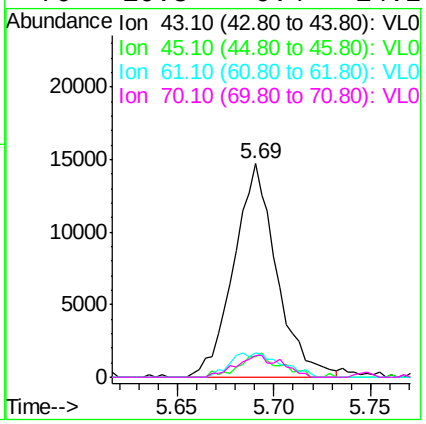


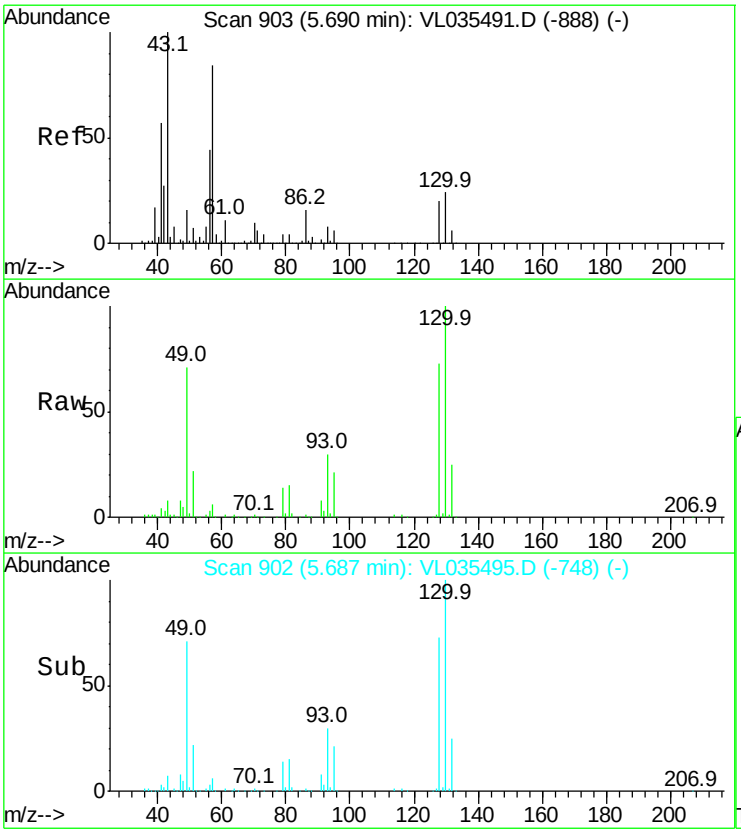
#25
Ethyl Acetate
Concen: 0.099 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 22683

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.4	12.6
61	13.7	10.6	16.0
70	10.8	9.4	14.2

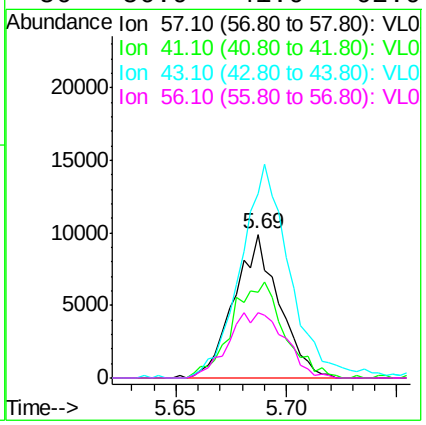


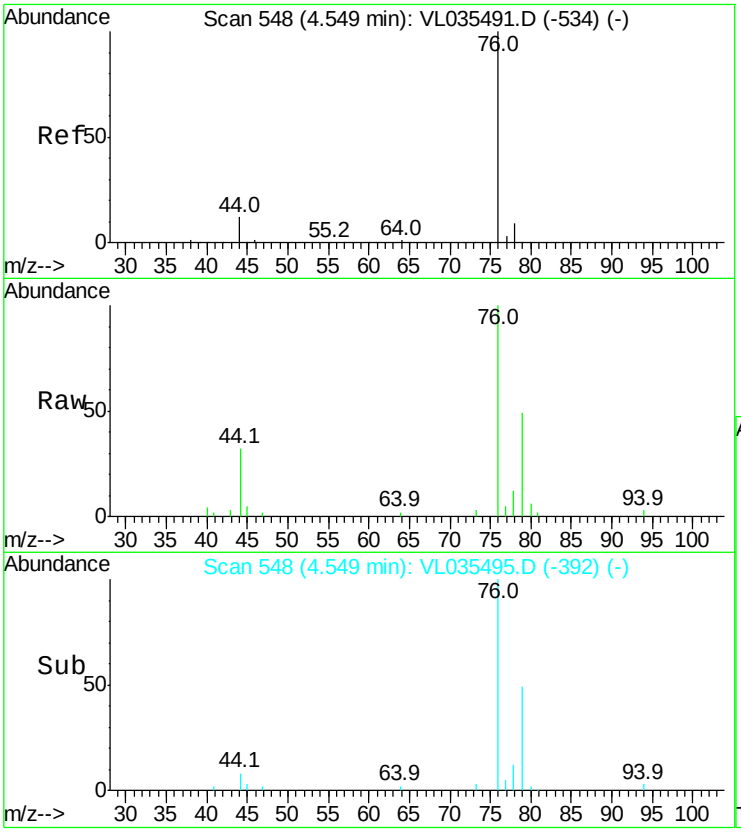


#26
Hexane
Concen: 0.109 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 57 Resp: 14015

Ion	Ratio	Lower	Upper
57	100		
41	77.4	56.7	85.1
43	165.6	141.9	212.9
56	56.9	41.9	62.9



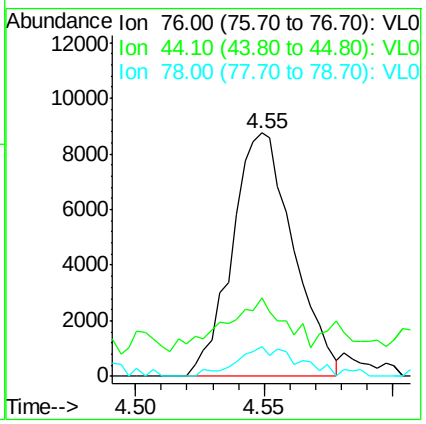


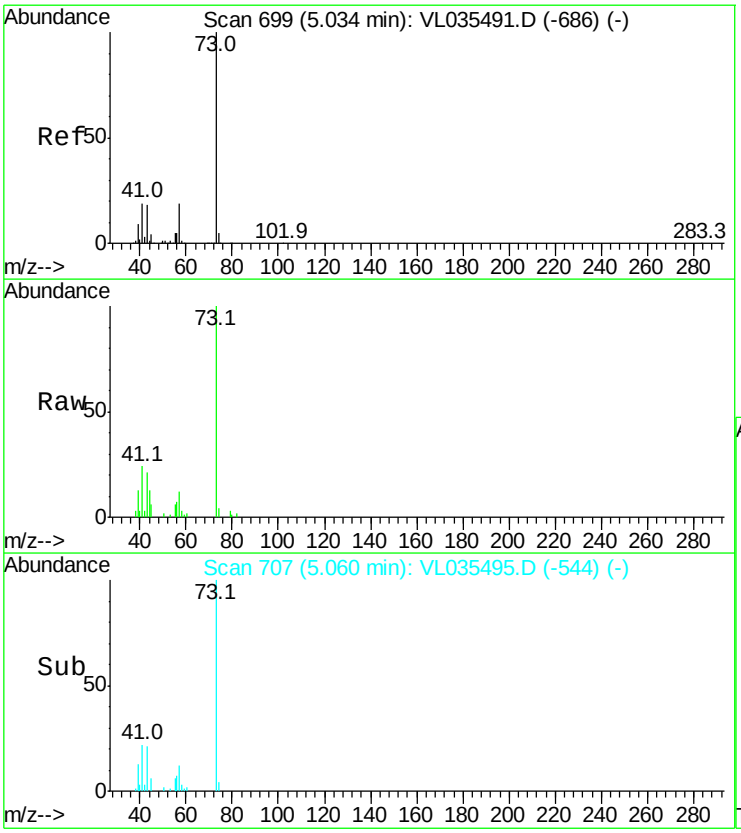
#27
Carbon Disulfide
Concen: 0.078 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 14481

Ion	Ratio	Lower	Upper
76	100		
44	17.6	9.2	13.8#
78	13.1	7.8	11.8#

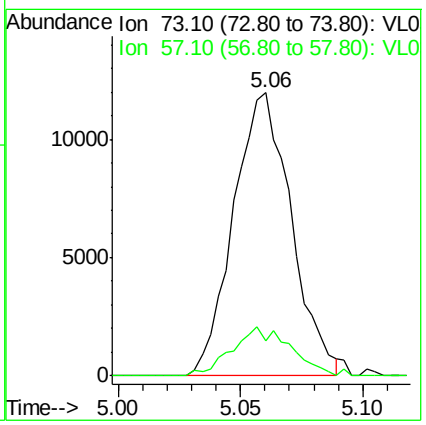


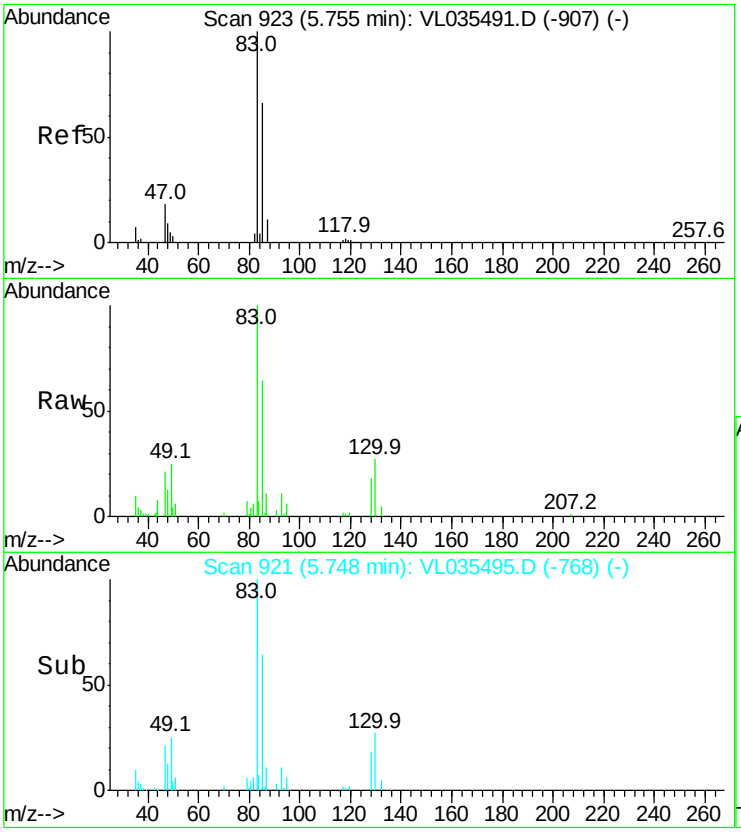


#28
Methyl tert-Butyl Ether
Concen: 0.083 ppbv
RT: 5.06 min Scan# 707
Delta R.T. 0.03 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 73 Resp: 19636

Ion	Ratio	Lower	Upper
73	100		
57	17.6	15.1	22.7



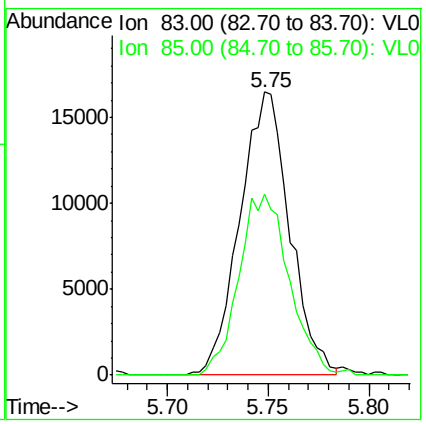


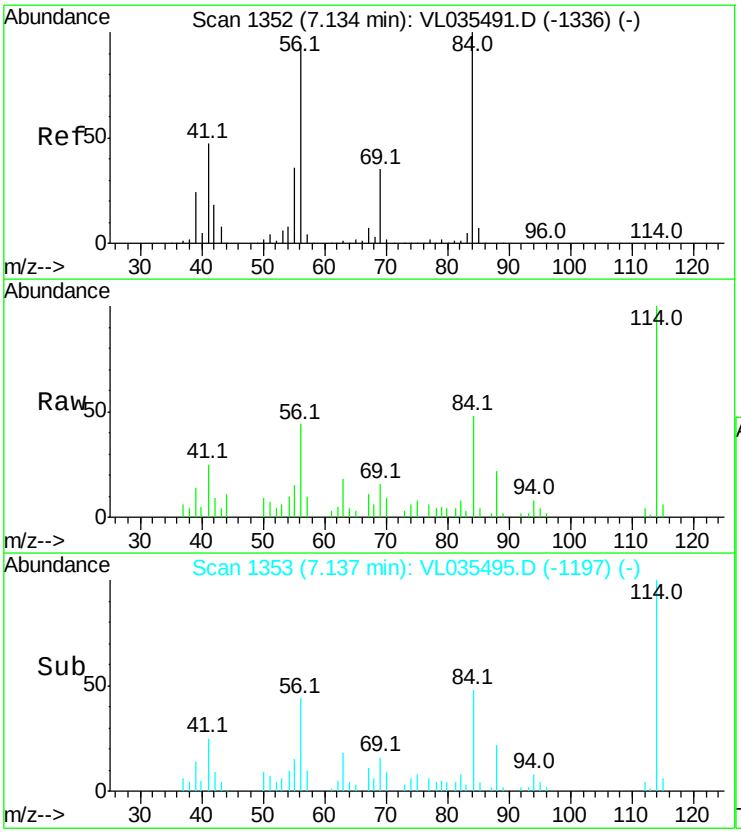
#29
Chloroform
Concen: 0.110 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 28502

Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.1	79.7

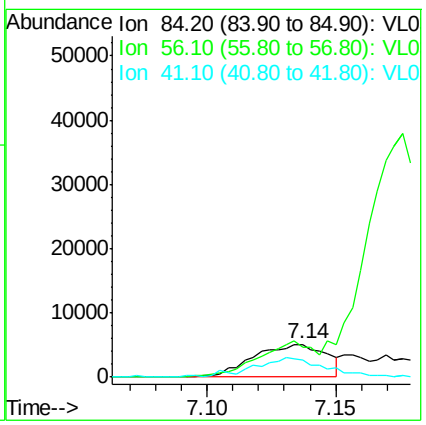


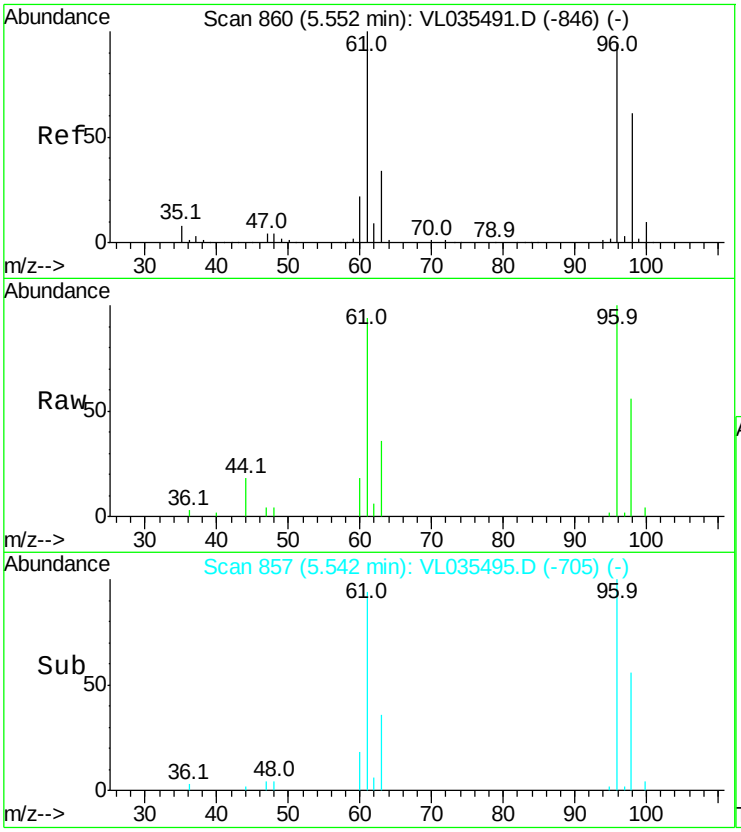


#30
Cyclohexane
Concen: 0.070 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 84 Resp: 10044

Ion	Ratio	Lower	Upper
84	100		
56	0.0	79.9	119.9#
41	58.6	37.6	56.4#



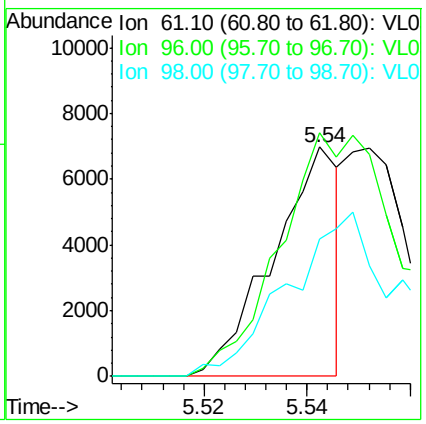


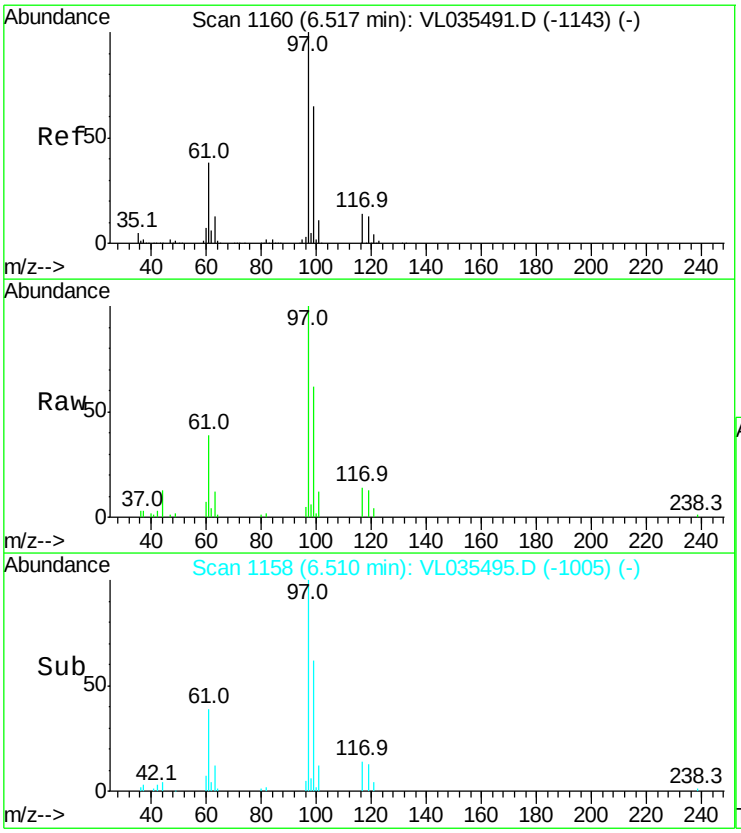
#31
cis-1,2-Dichloroethene
Concen: 0.046 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 6196

Ion	Ratio	Lower	Upper
61	100		
96	106.2	75.5	113.3
98	59.7	48.9	73.3

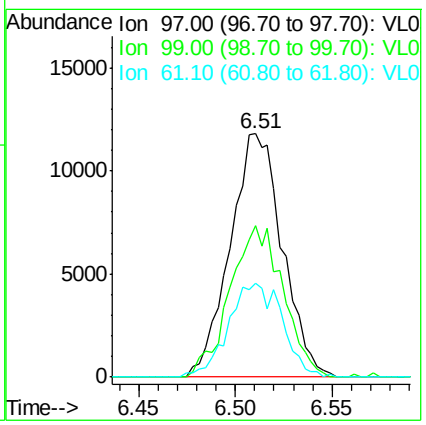


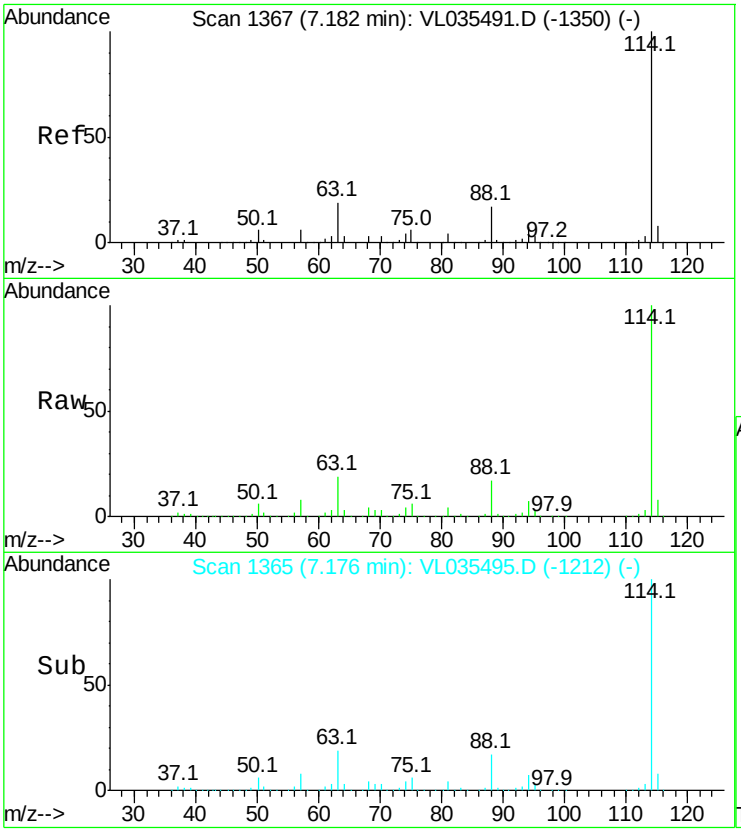


#32
1,1,1-Trichloroethane
Concen: 0.091 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 97 Resp: 22182

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.7	79.1
61	39.5	30.2	45.2



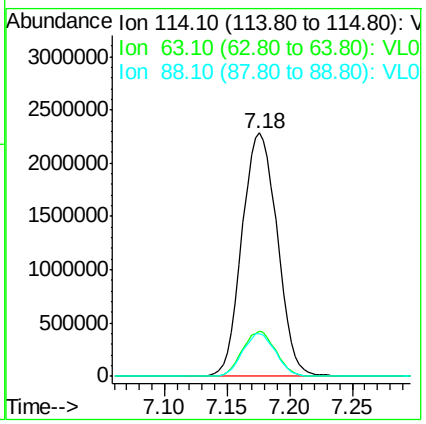


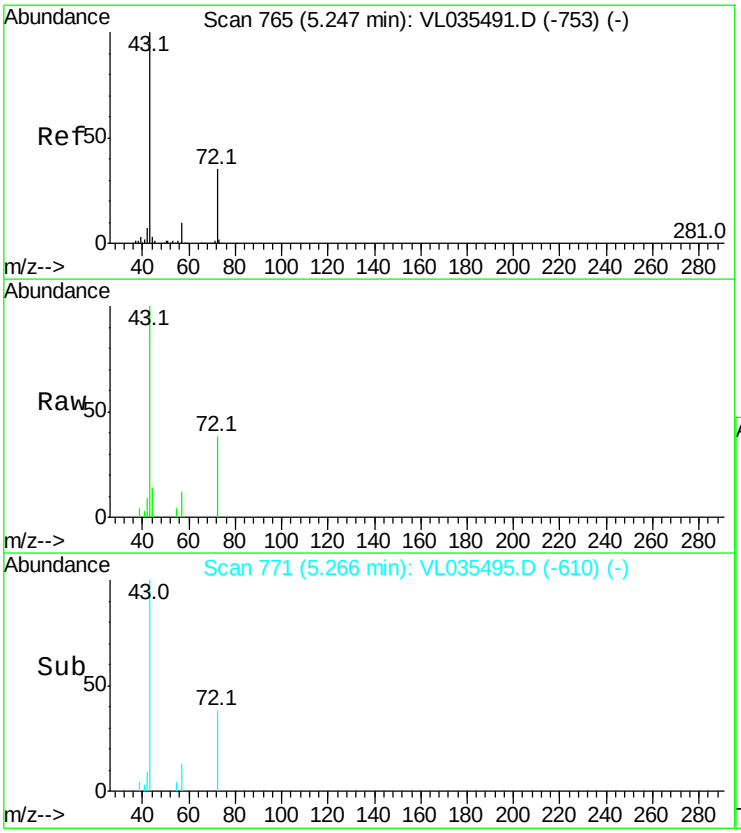
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 4470717

Ion	Ratio	Lower	Upper
114	100		
63	17.8	14.3	21.5
88	16.6	13.2	19.8

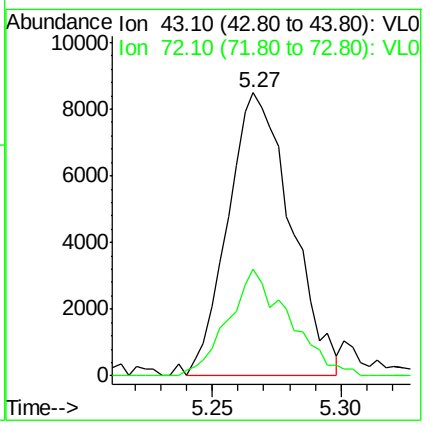


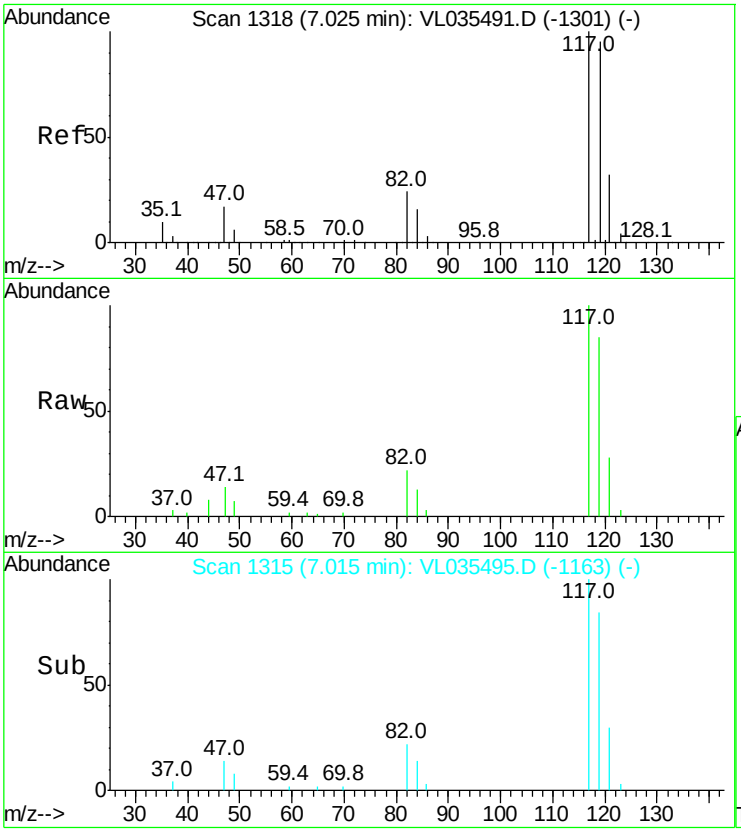


#34
2-Butanone
Concen: 0.097 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.02 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 43 Resp: 14443

Ion	Ratio	Lower	Upper
43	100		
72	36.6	27.6	41.4



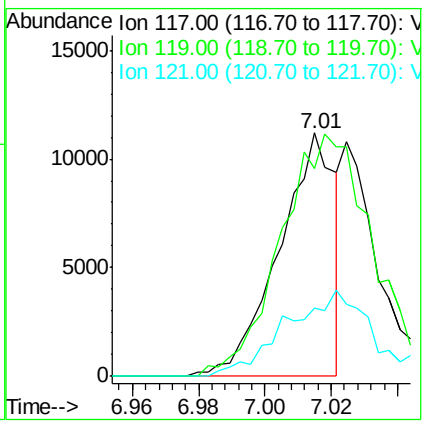


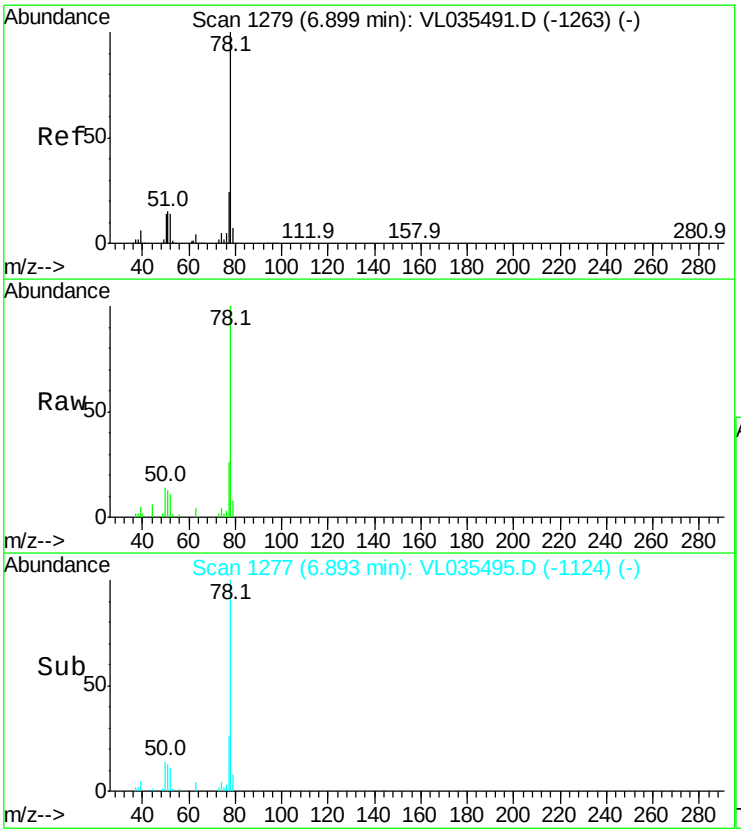
#35
Carbon Tetrachloride
Concen: 0.055 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 13083

Ion	Ratio	Lower	Upper
117	100		
119	85.2	75.6	113.4
121	28.2	25.6	38.4

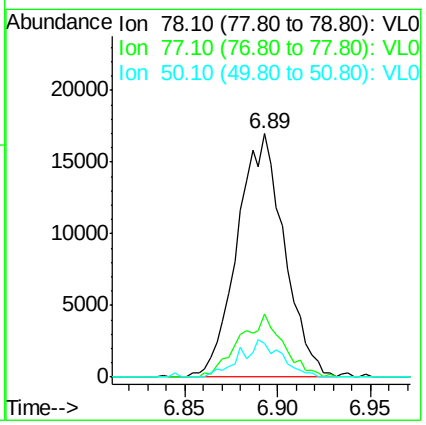


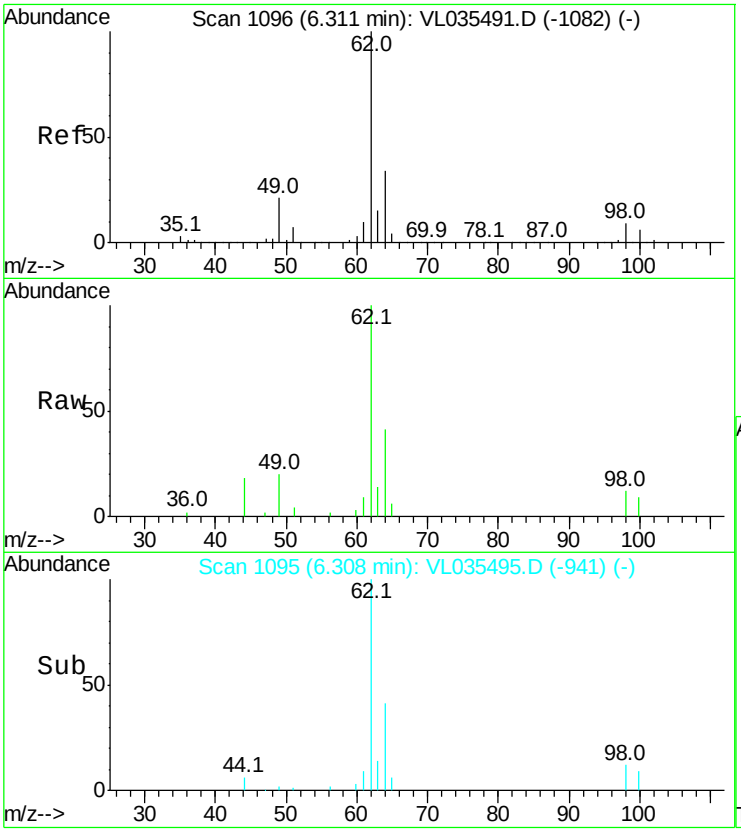


#36
Benzene
Concen: 0.091 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 78 Resp: 29965

Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.2	28.8
50	13.7	11.0	16.4



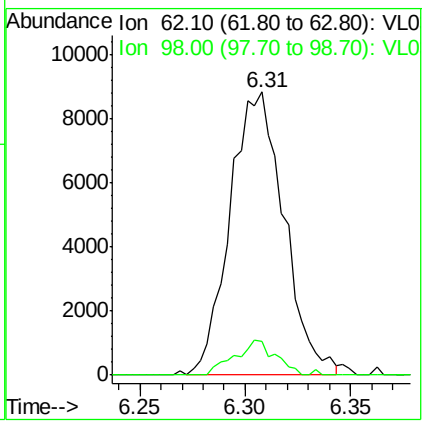


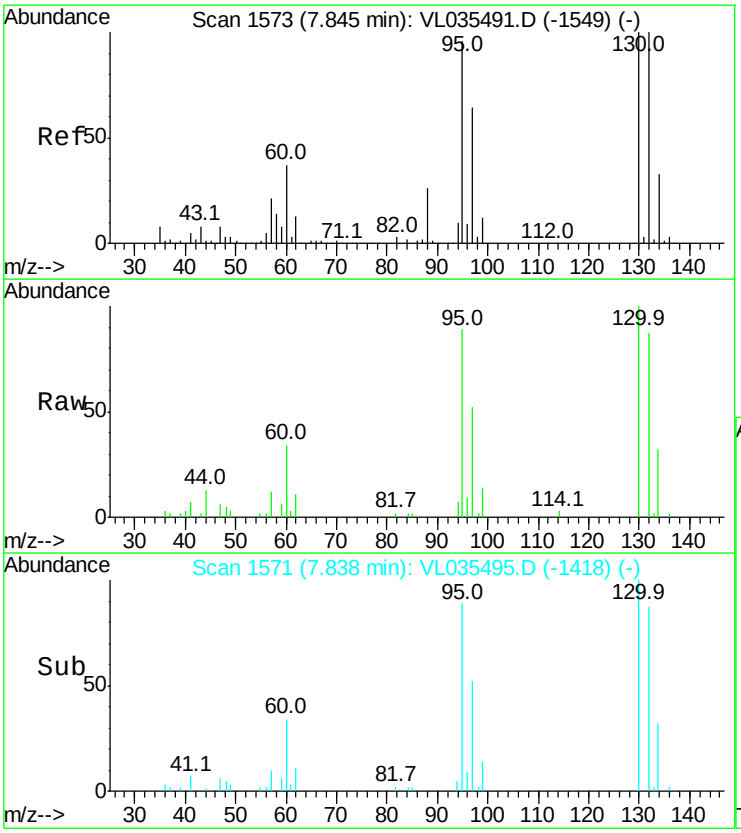
#37
1,2-Dichloroethane
Concen: 0.105 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 15728

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.2

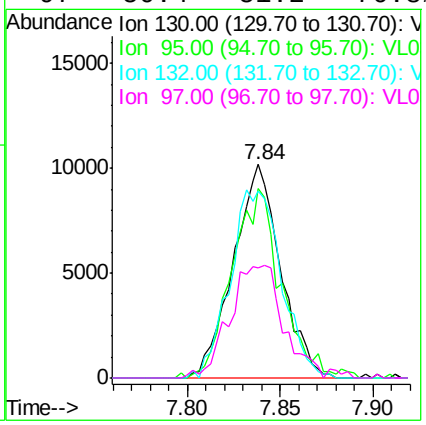


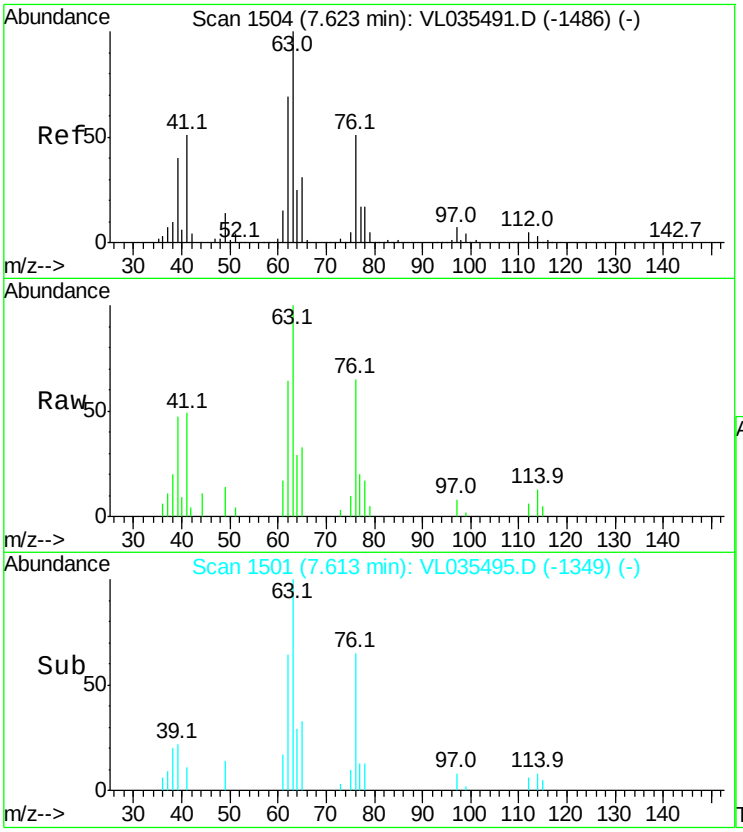


#38
Trichloroethene
Concen: 0.099 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:130 Resp: 18016

Ion	Ratio	Lower	Upper
130	100		
95	89.0	76.9	115.3
132	87.2	80.2	120.4
97	50.4	51.2	76.8#



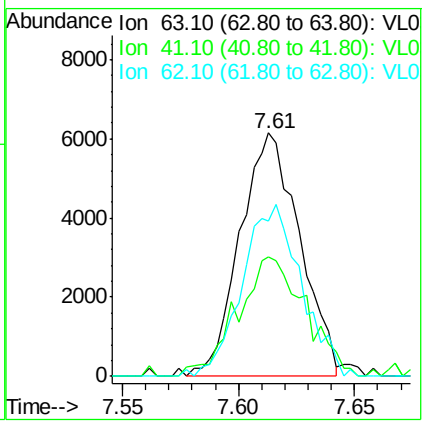


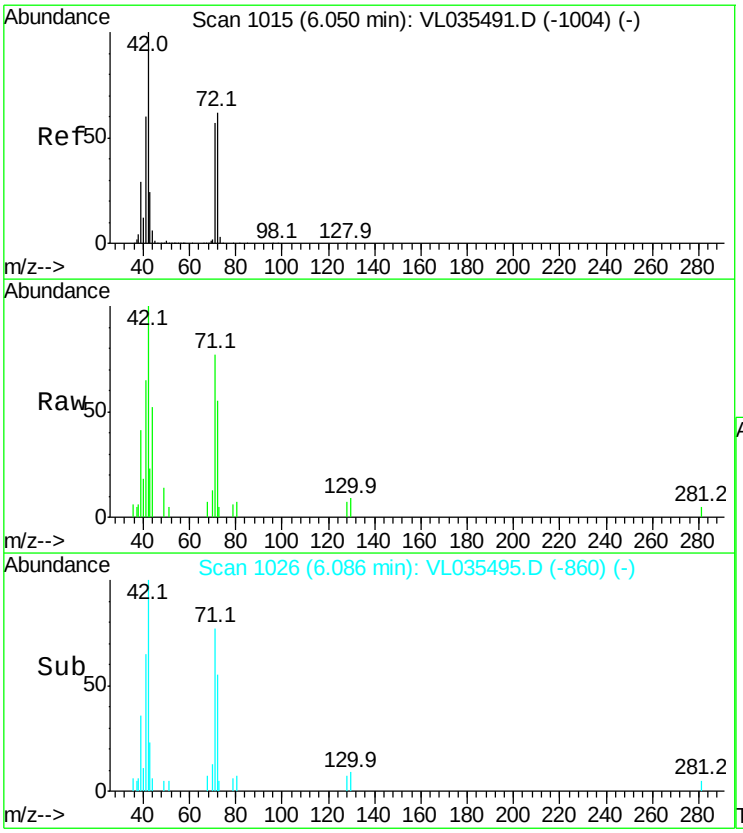
#39
1,2-Dichloropropane
Concen: 0.101 ppbv
RT: 7.61 min Scan# 1501
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 10942

Ion	Ratio	Lower	Upper
63	100		
41	45.7	40.9	61.3
62	60.9	55.3	82.9

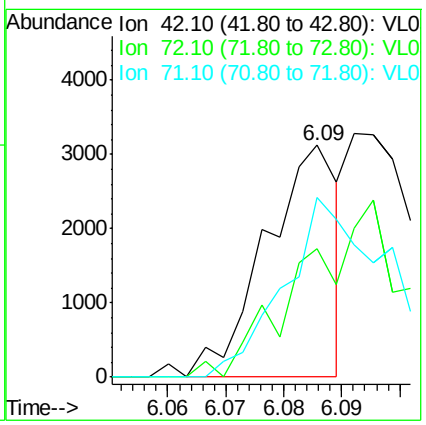


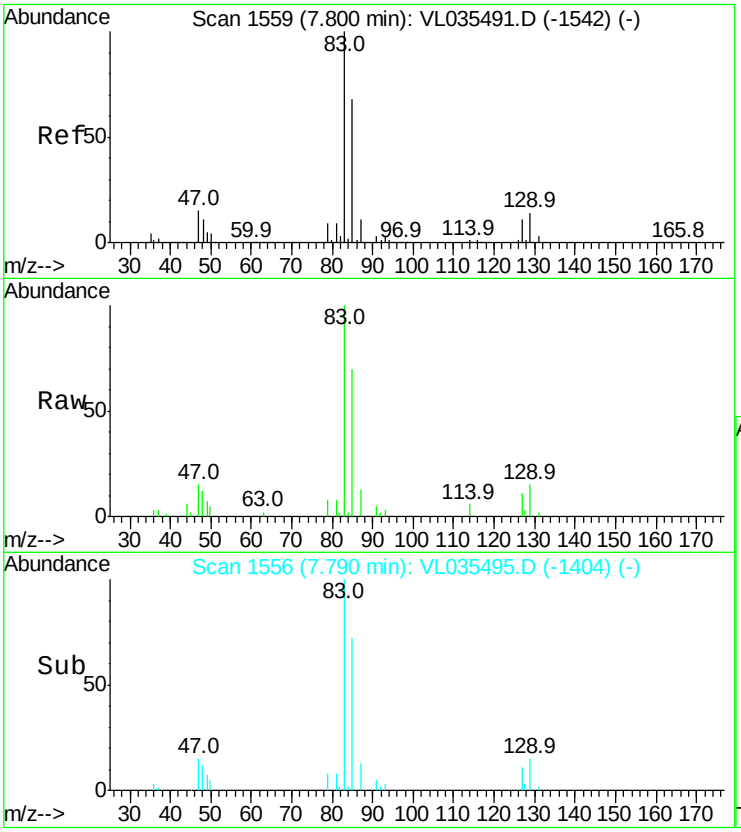


#41
Tetrahydrofuran
Concen: 0.033 ppbv
RT: 6.09 min Scan# 1026
Delta R.T. 0.04 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 42 Resp: 2703

Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.1	73.7#
71	136.9	46.7	70.1#



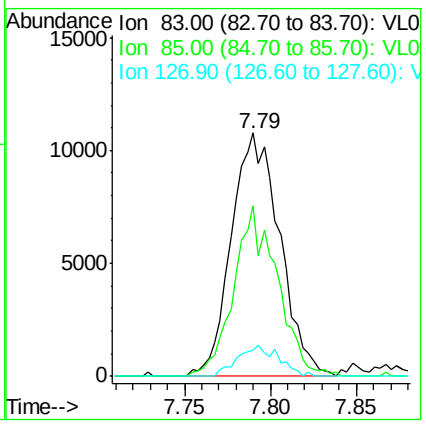


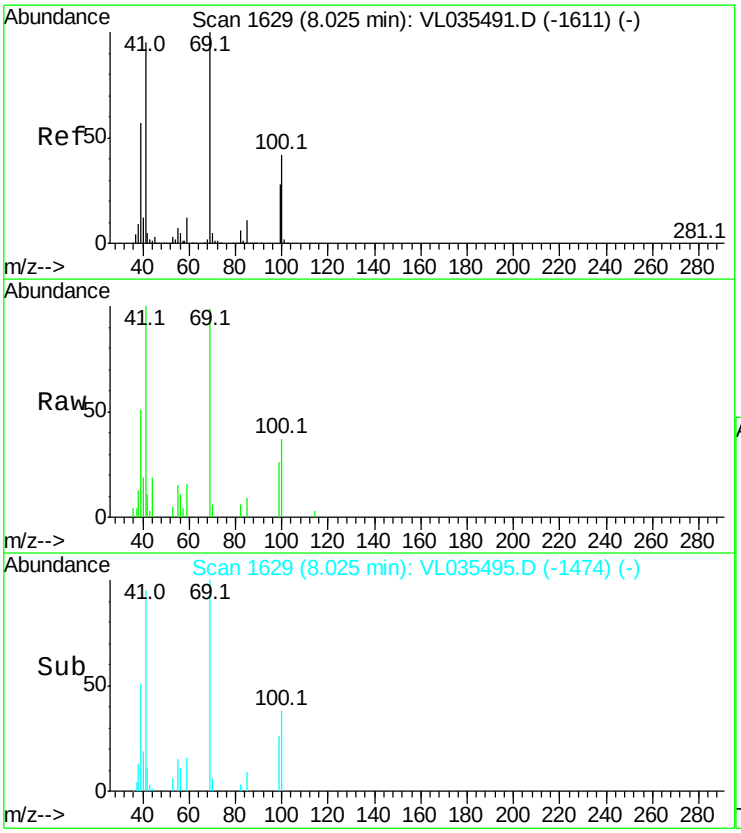
#42
Bromodichloromethane
Concen: 0.084 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 21013

Ion	Ratio	Lower	Upper
83	100		
85	70.3	54.8	82.2
127	10.8	8.6	13.0

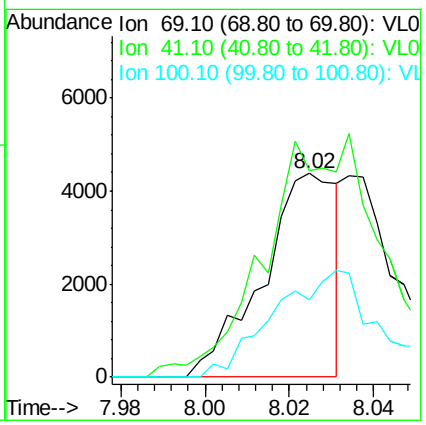


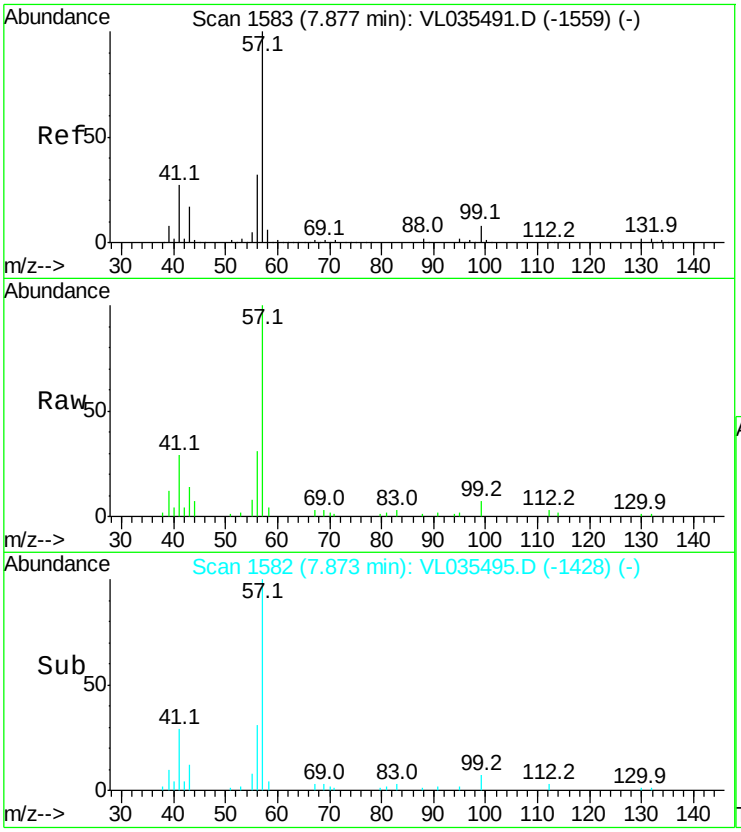


#43
Methyl Methacrylate
Concen: 0.042 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 69 Resp: 5354

Ion	Ratio	Lower	Upper
69	100		
41	0.0	76.1	114.1#
100	0.0	34.2	51.4#



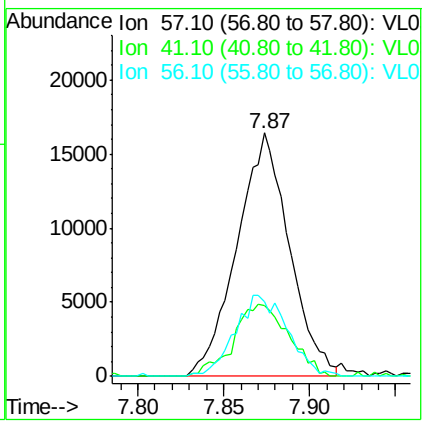


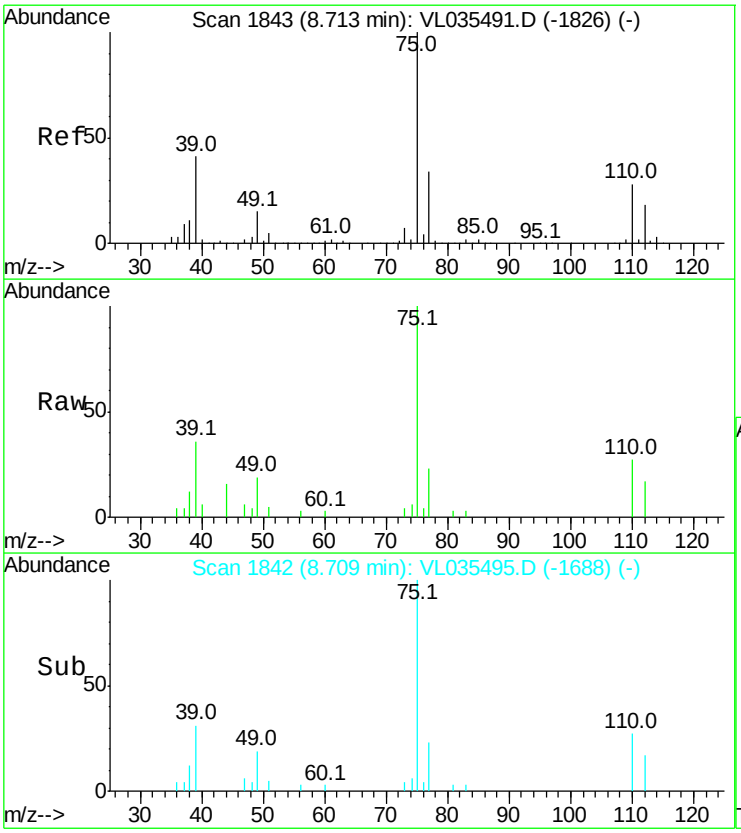
#44
2,2,4-Trimethylpentane
Concen: 0.081 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 34717

Ion	Ratio	Lower	Upper
57	100		
41	31.3	20.7	31.1#
56	33.5	25.3	37.9

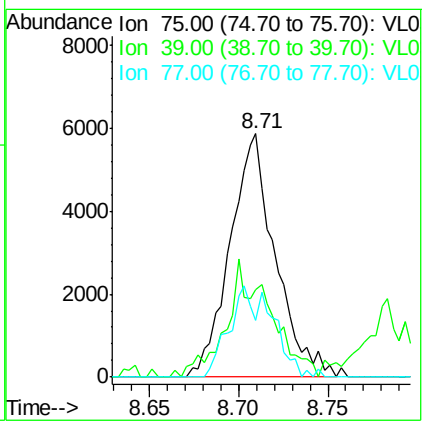


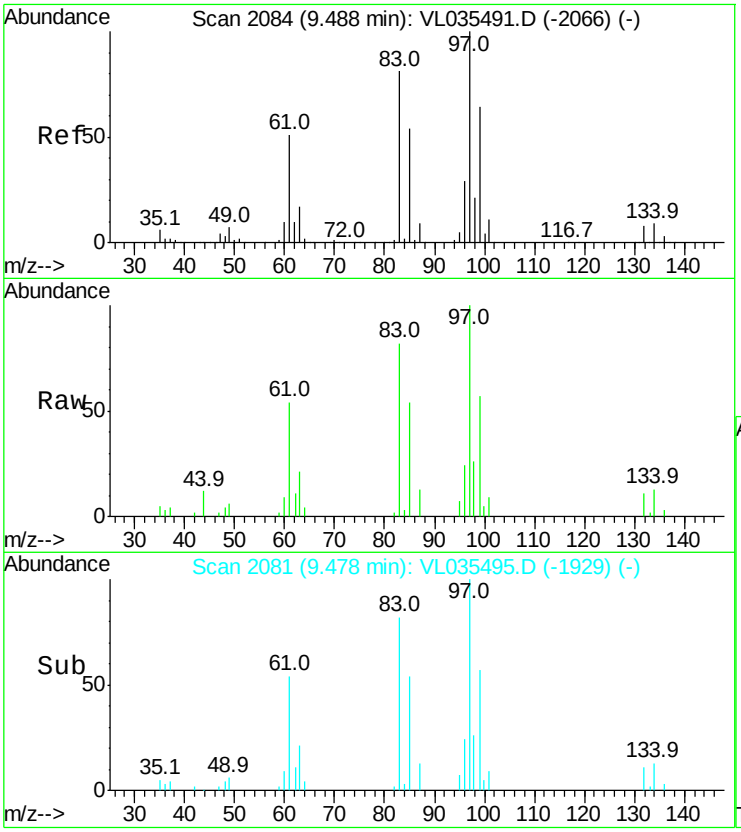


#46
cis-1,3-Dichloropropene
Concen: 0.063 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 75 Resp: 10387

Ion	Ratio	Lower	Upper
75	100		
39	31.6	33.2	49.8#
77	23.2	27.1	40.7#



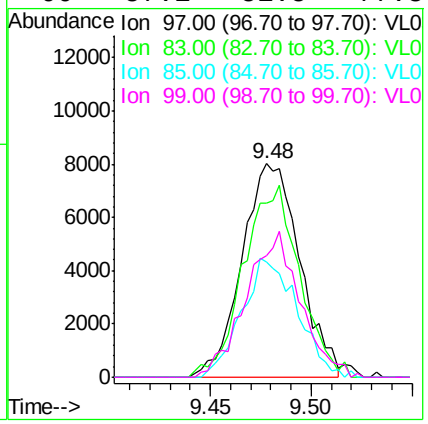


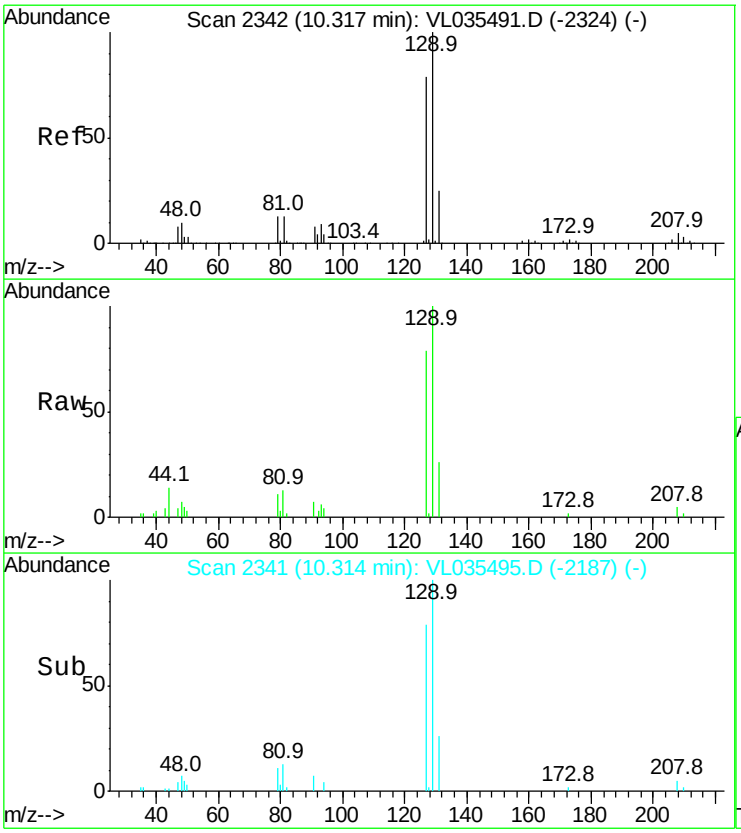
#47
1,1,2-Trichloroethane
Concen: 0.099 ppbv
RT: 9.48 min Scan# 2081
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 16001

Ion	Ratio	Lower	Upper
97	100		
83	81.6	64.9	97.3
85	54.0	43.1	64.7
99	57.1	51.5	77.3

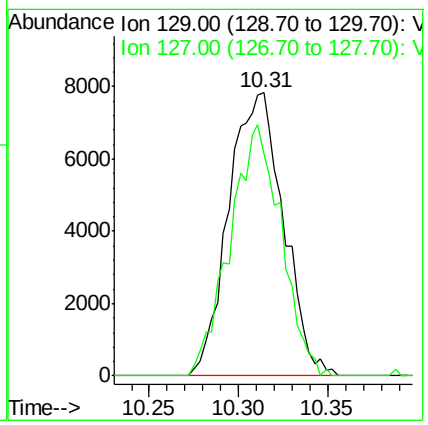


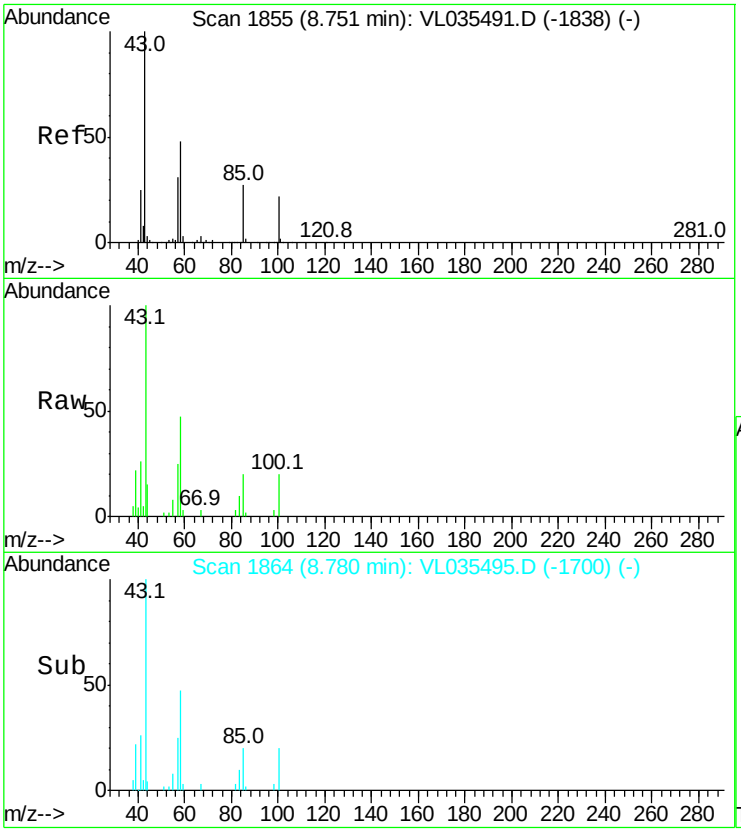


#48
Dibromochloromethane
Concen: 0.062 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:129 Resp: 16776

Ion	Ratio	Lower	Upper
129	100		
127	82.9	39.1	117.5



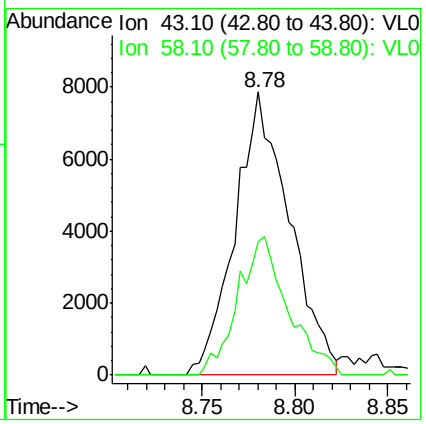


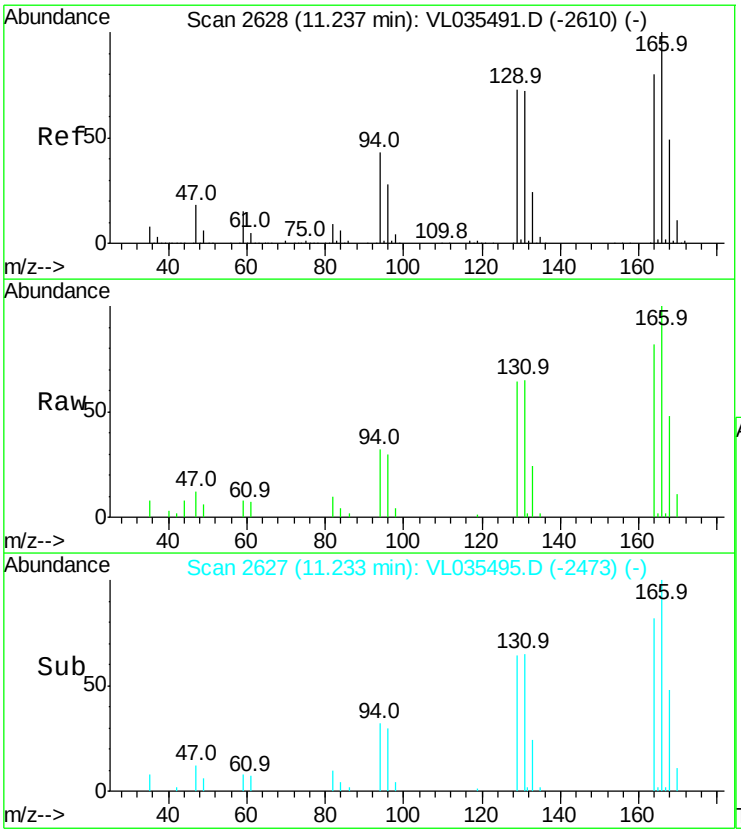
#50
4-Methyl-2-Pentanone
Concen: 0.075 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. 0.03 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 16061

Ion	Ratio	Lower	Upper
43	100		
58	45.1	37.4	56.2

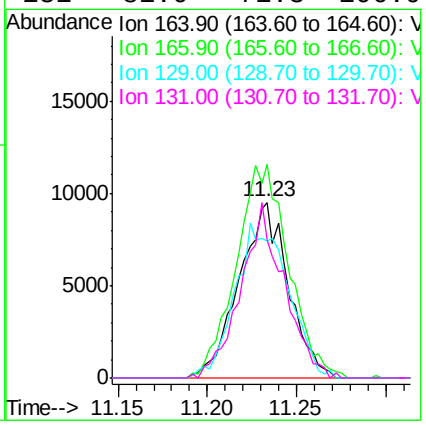


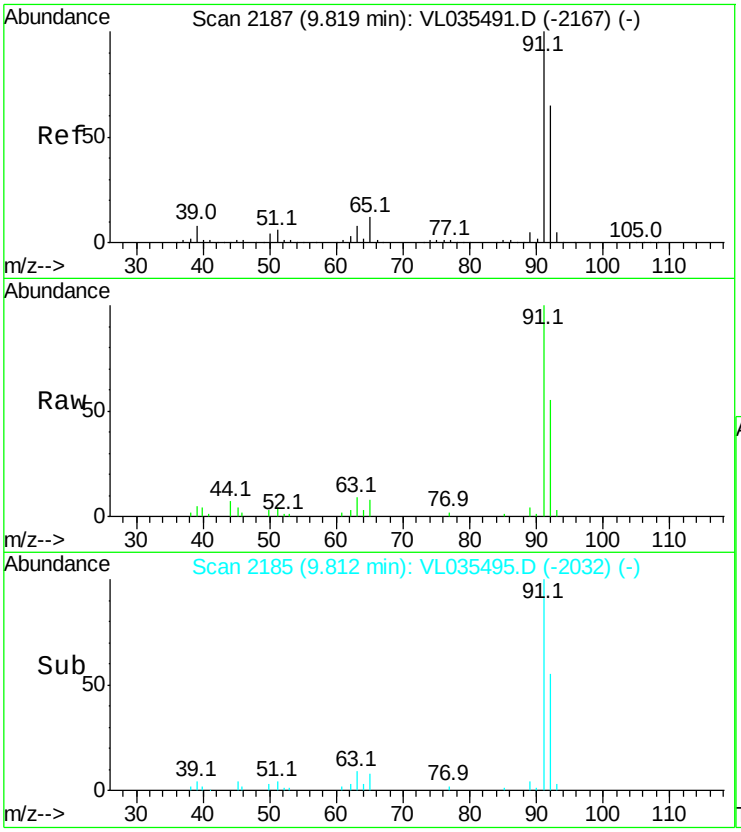


#52
Tetrachloroethene
Concen: 0.092 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:164 Resp: 18346

Ion	Ratio	Lower	Upper
164	100		
166	121.7	99.6	149.4
129	78.2	72.8	109.2
131	81.0	71.3	106.9



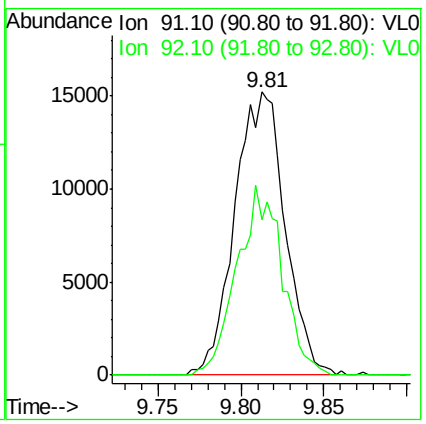


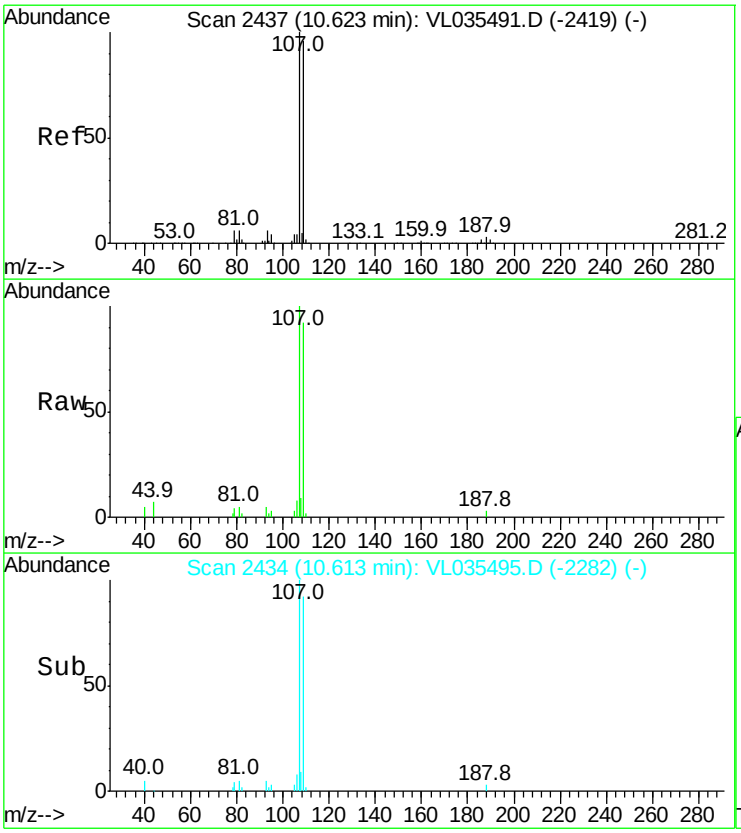
#53
Toluene
Concen: 0.076 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 32105

Ion	Ratio	Lower	Upper
91	100		
92	59.8	49.9	74.9

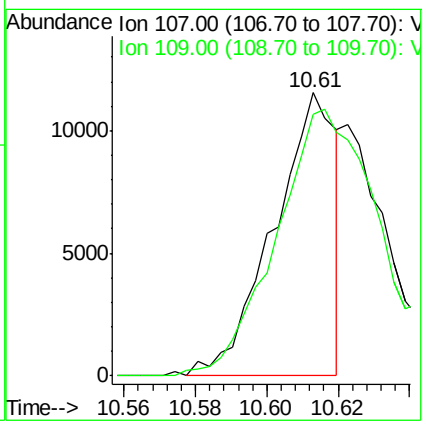


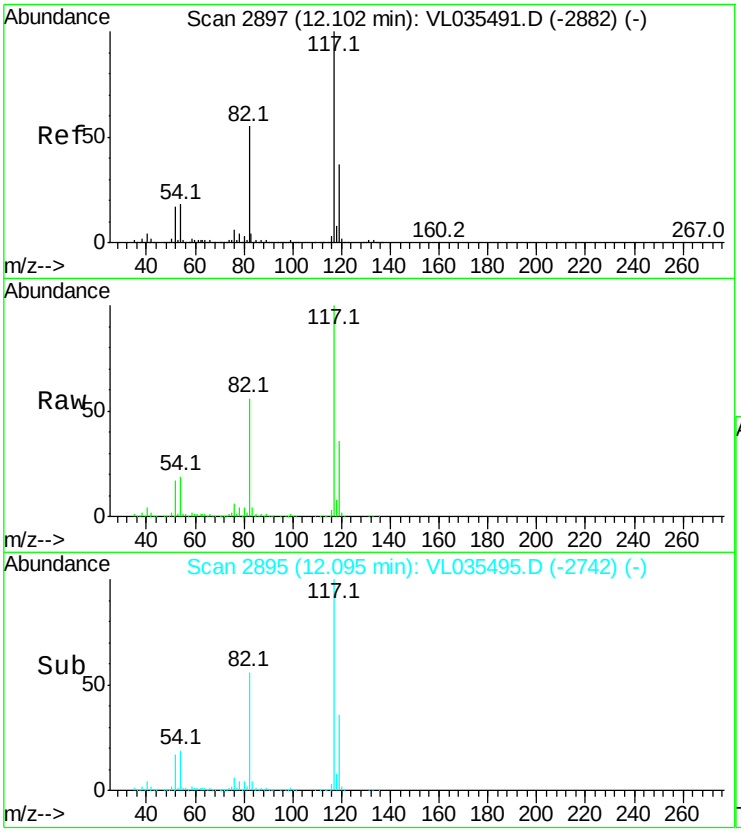


#54
1,2-Dibromoethane
Concen: 0.053 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:107 Resp: 13869

Ion	Ratio	Lower	Upper
107	100		
109	90.5	76.5	114.7



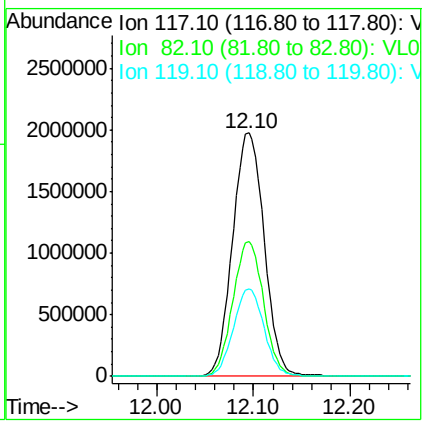


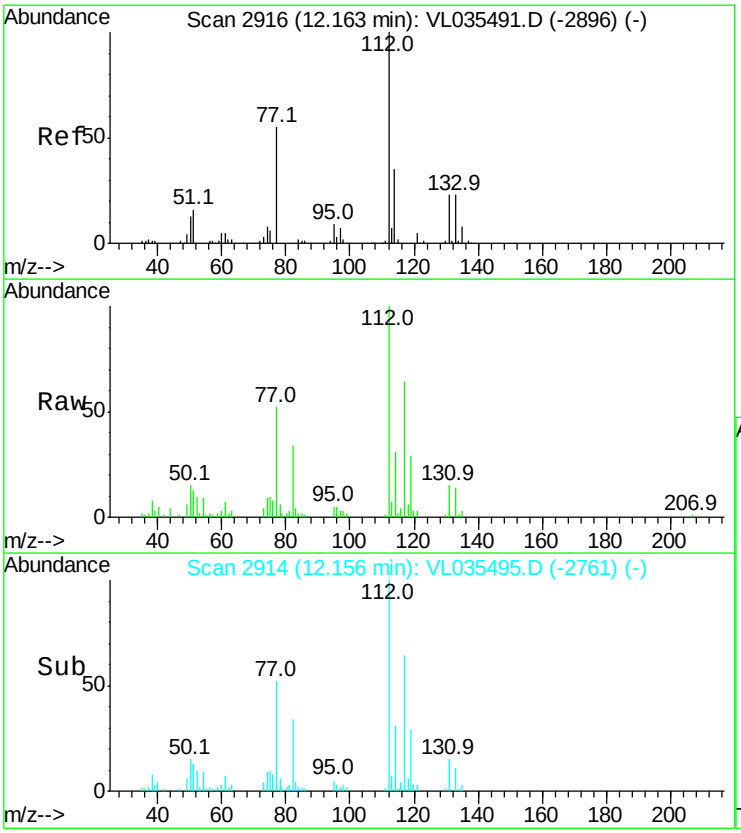
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 4500400

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.9	65.9
119	35.0	30.4	45.6

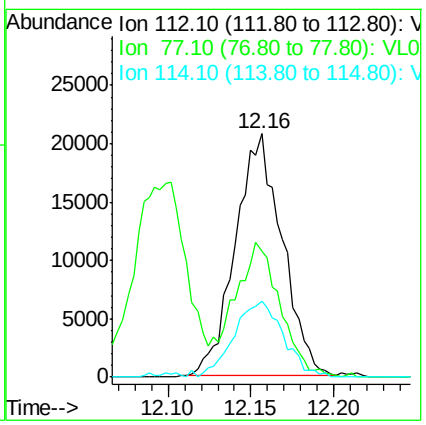


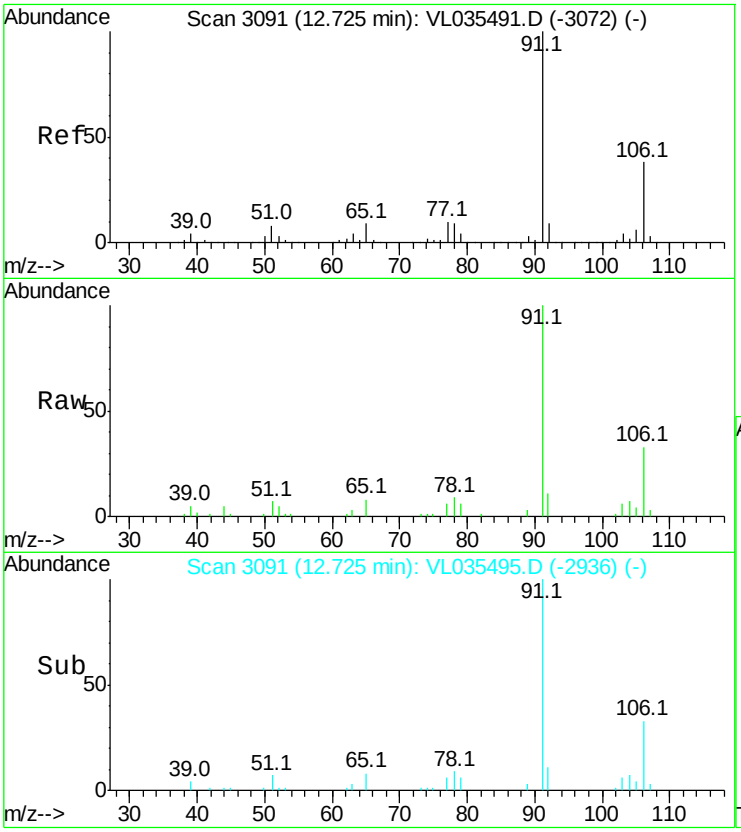


#57
Chlorobenzene
Concen: 0.107 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:112 Resp: 40299

Ion	Ratio	Lower	Upper
112	100		
77	51.3	45.2	67.8
114	31.6	31.6	38.6



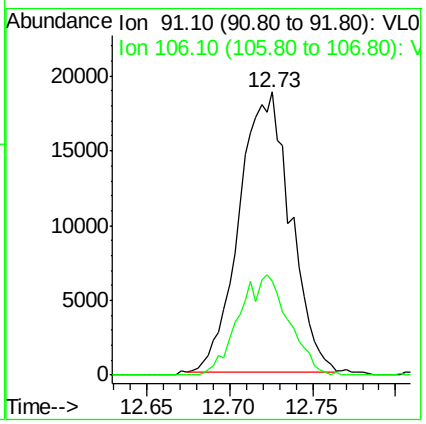


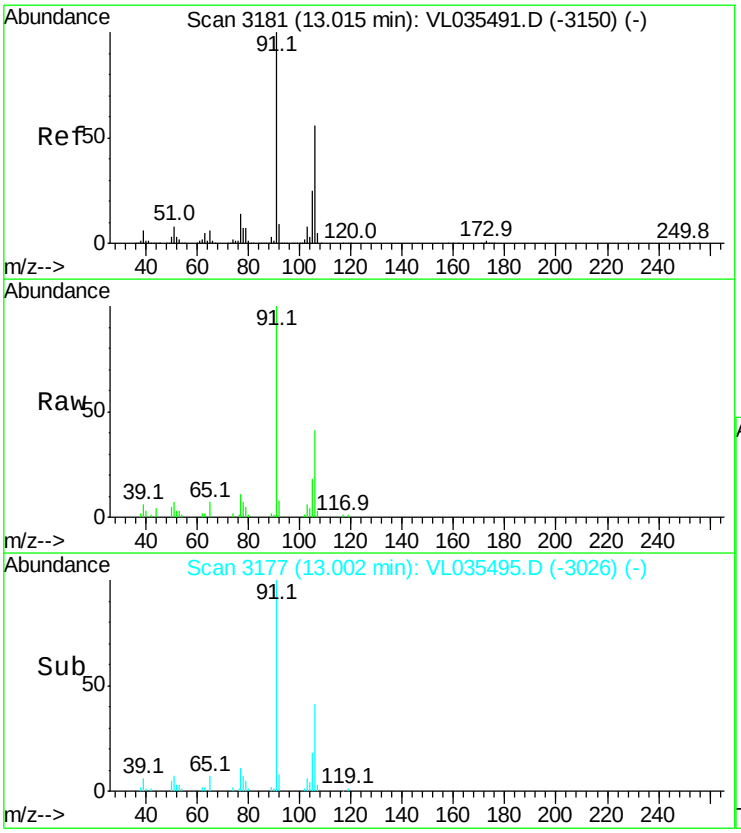
#58
Ethyl Benzene
Concen: 0.074 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 40139

Ion	Ratio	Lower	Upper
91	100		
106	33.4	30.2	45.2

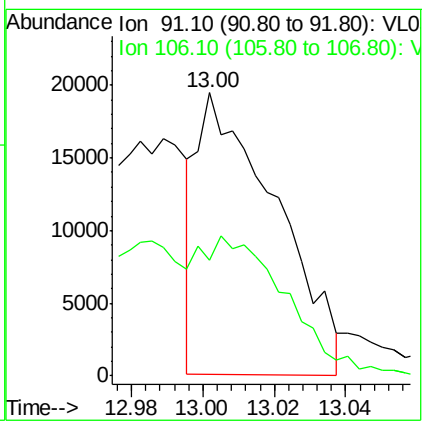


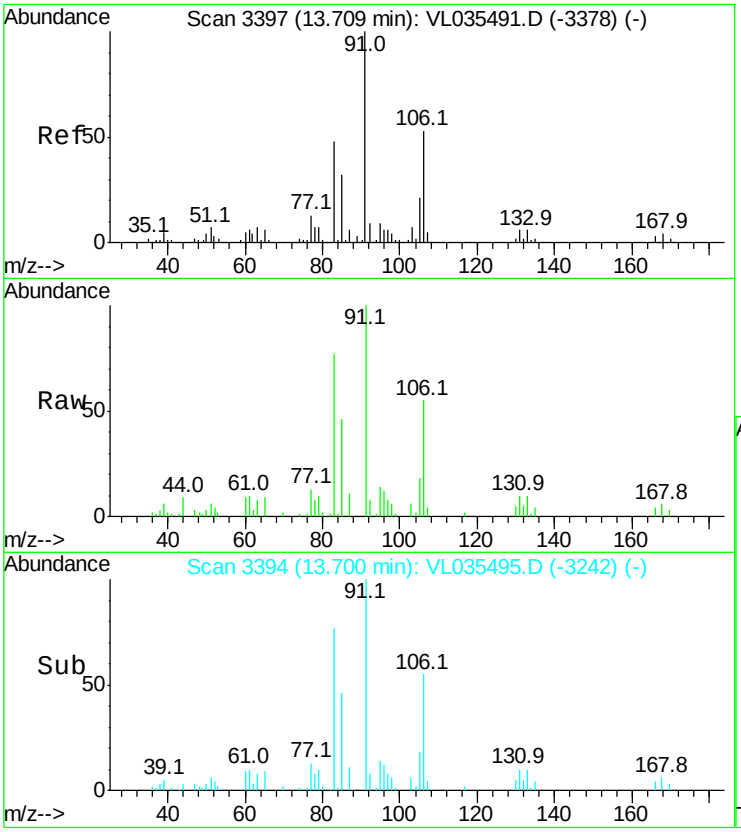


#59
m/p-Xylene
Concen: 0.064 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 91 Resp: 29614

Ion	Ratio	Lower	Upper
91	100		
106	120.8	42.6	63.8#



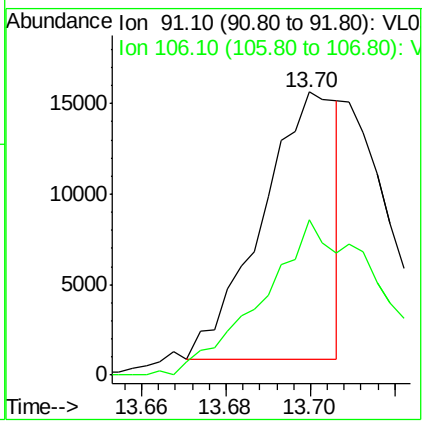


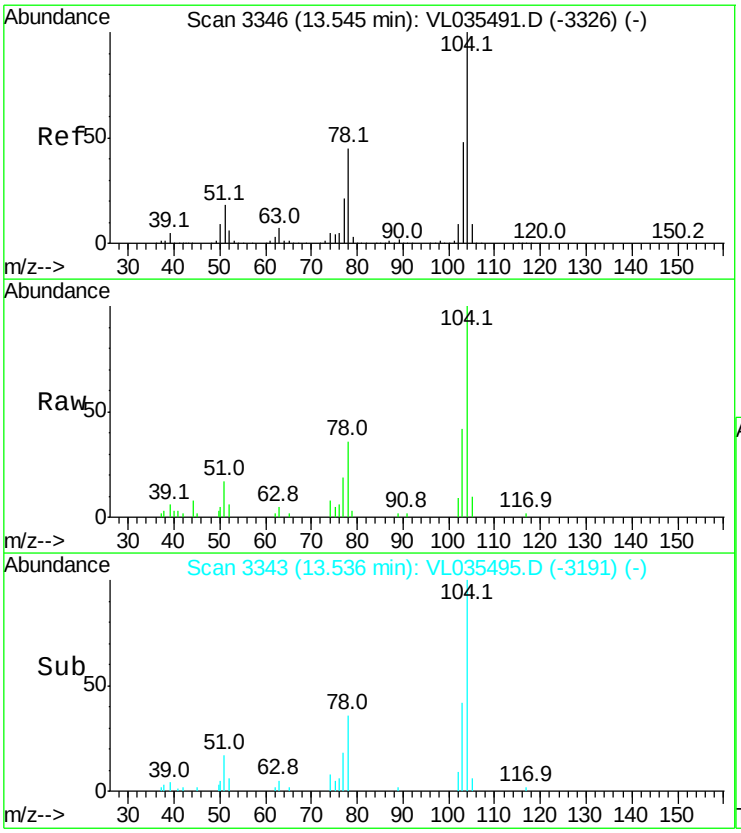
#60
o-Xylene
Concen: 0.041 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 18321

Ion	Ratio	Lower	Upper
91	100		
106	91.5	25.9	77.7#

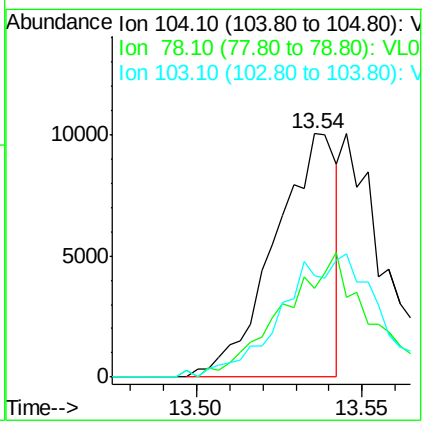


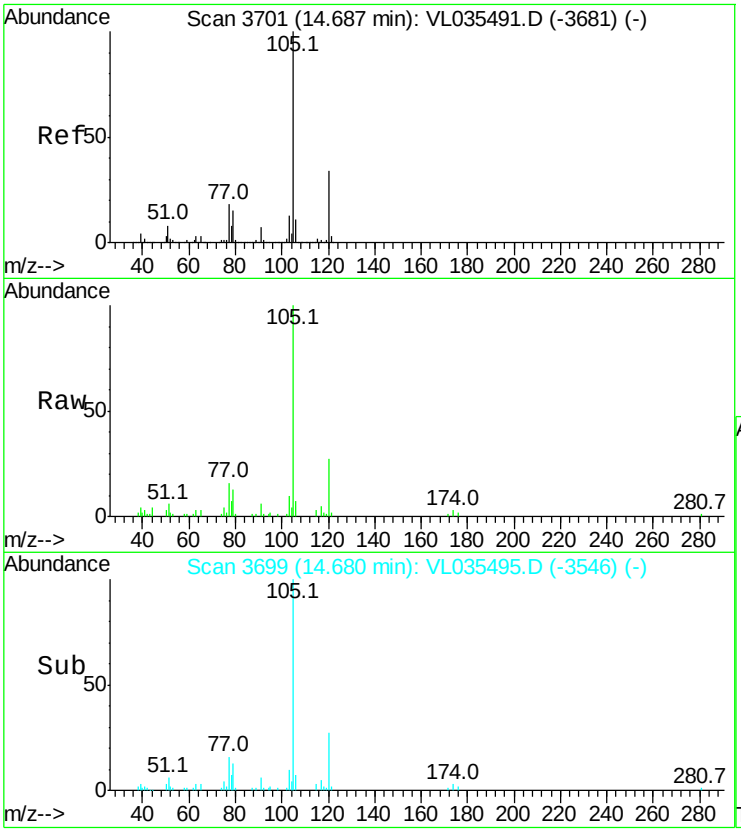


#61
Styrene
Concen: 0.036 ppbv
RT: 13.54 min Scan# 3343
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:104 Resp: 13047

Ion	Ratio	Lower	Upper
104	100		
78	0.0	34.7	52.1#
103	0.0	38.2	57.2#



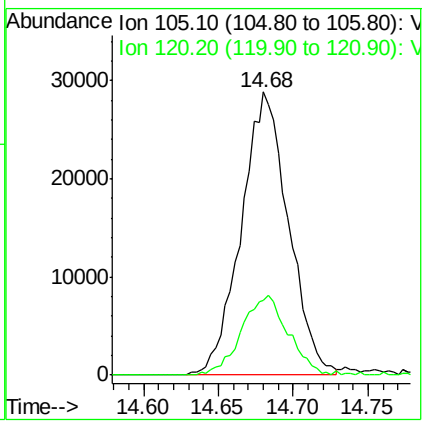


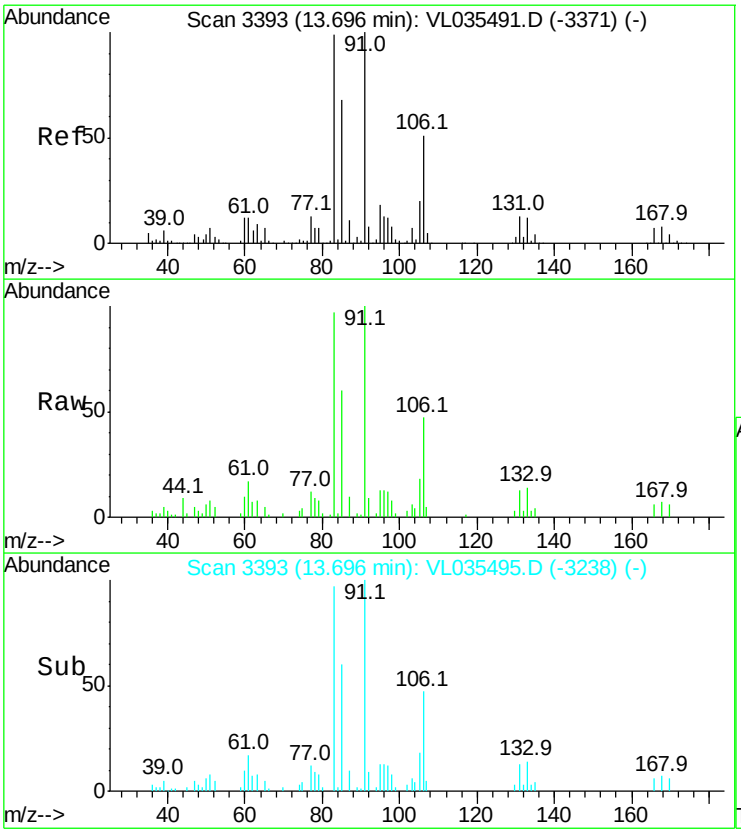
#62
Isopropylbenzene
Concen: 0.086 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 63186

Ion	Ratio	Lower	Upper
105	100		
120	28.0	25.0	37.4

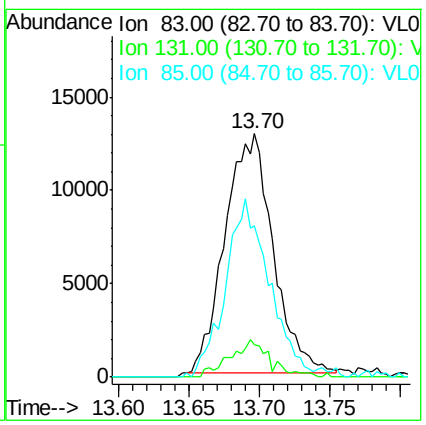


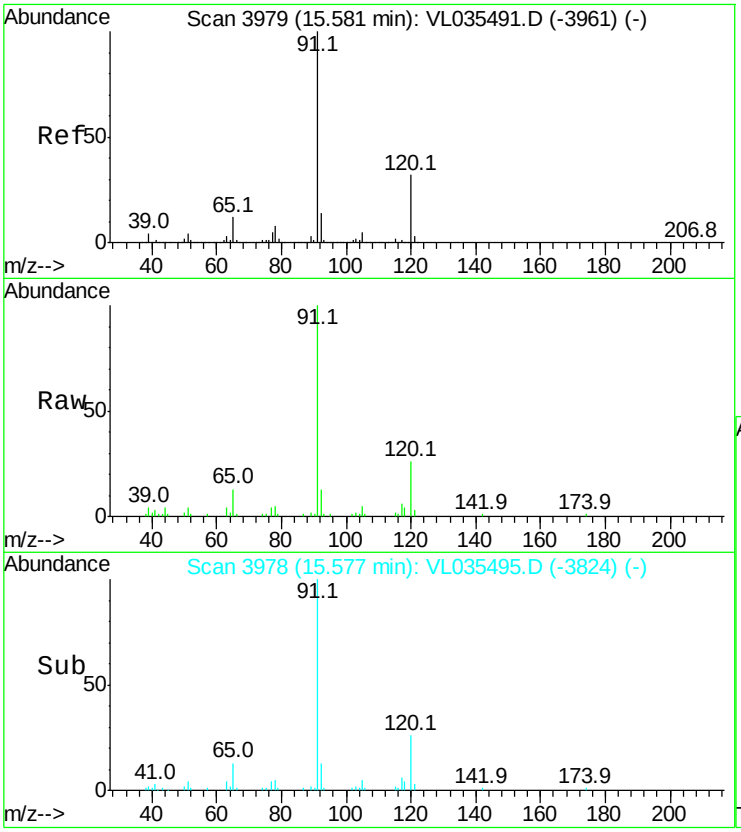


#63
1,1,2,2-Tetrachloroethane
Concen: 0.095 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 83 Resp: 30510

Ion	Ratio	Lower	Upper
83	100		
131	13.1	6.2	18.4
85	69.0	33.4	100.2



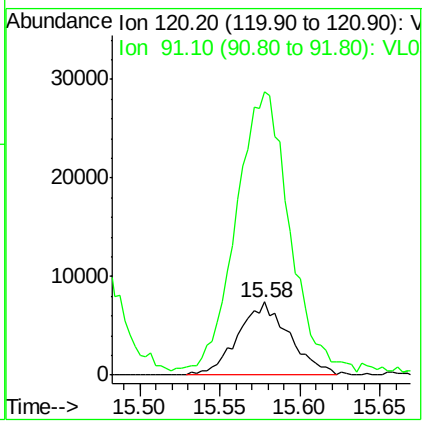


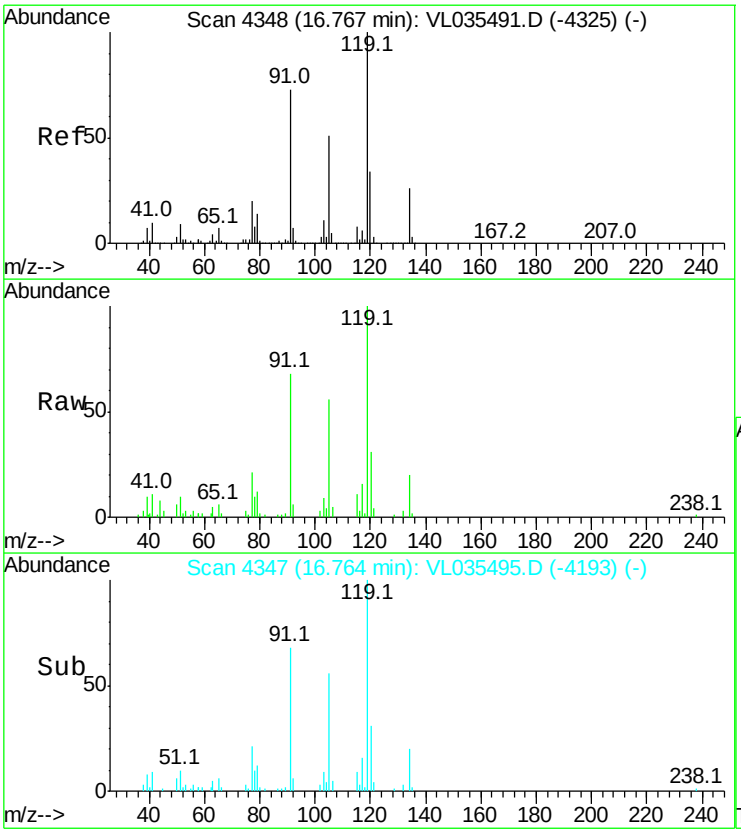
#64
n-propylbenzene
Concen: 0.072 ppbv
RT: 15.58 min Scan# 3978
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:120 Resp: 16209

Ion	Ratio	Lower	Upper
120	100		
91	424.0	280.3	420.5#

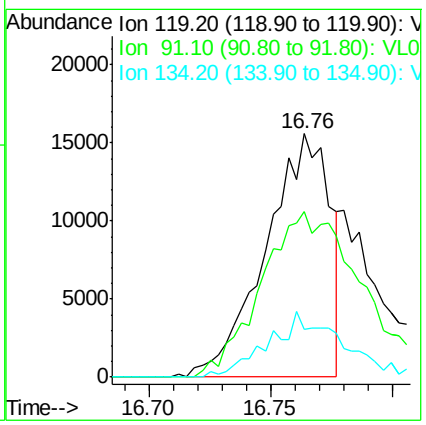


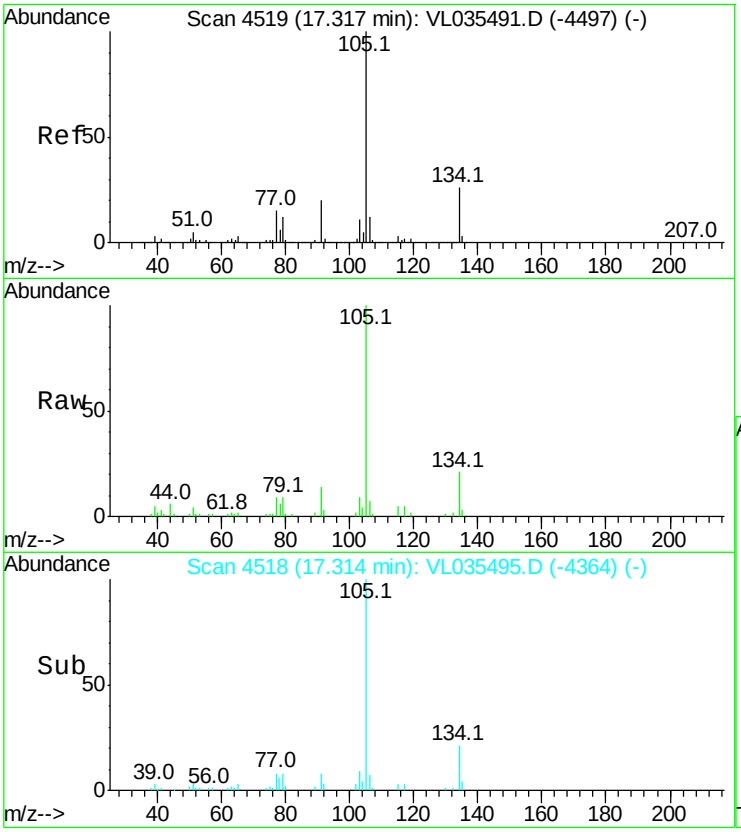


#65
tert-Butylbenzene
Concen: 0.040 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:119 Resp: 28351

Ion	Ratio	Lower	Upper
119	100		
91	116.1	57.8	86.8#
134	33.6	18.8	28.2#



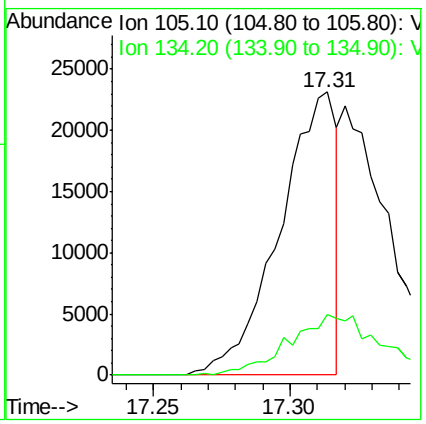


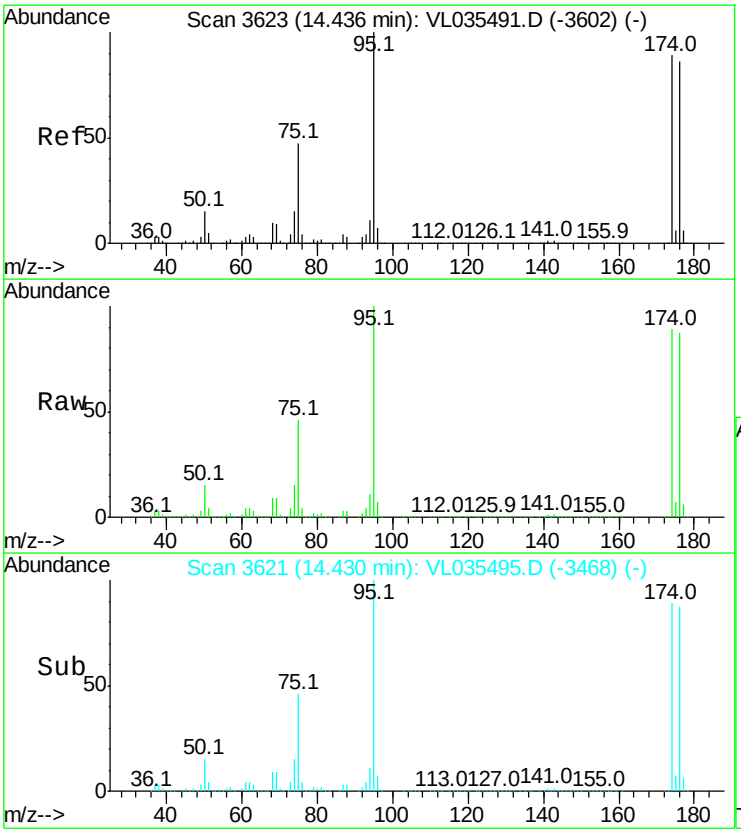
#67
sec-Butylbenzene
Concen: 0.036 ppbv
RT: 17.31 min Scan# 4518
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 33404

Ion	Ratio	Lower	Upper
105	100		
134	38.8	19.1	28.7#

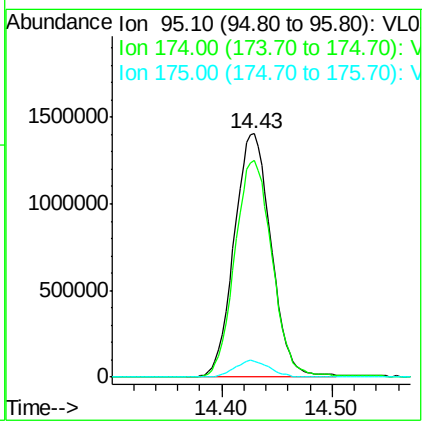


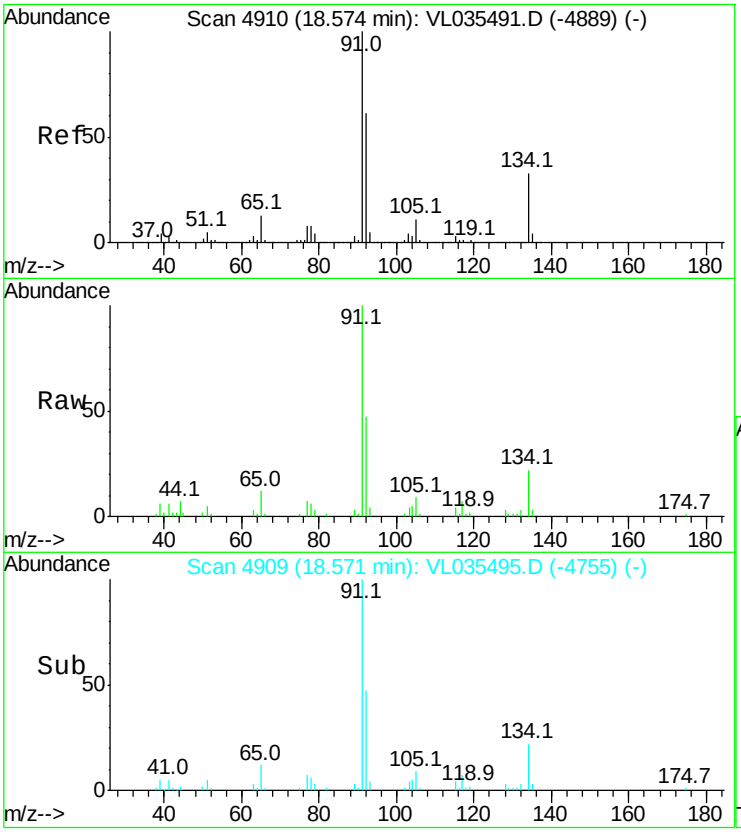


#68
1-Bromo-4-Fluorobenzene
Concen: 10.337 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 95 Resp: 3256742

Ion	Ratio	Lower	Upper
95	100		
174	91.0	70.9	106.3
175	6.6	5.1	7.7



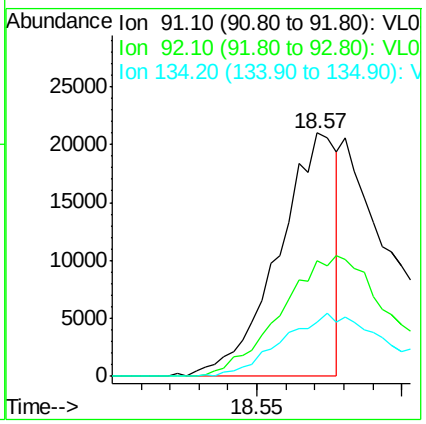


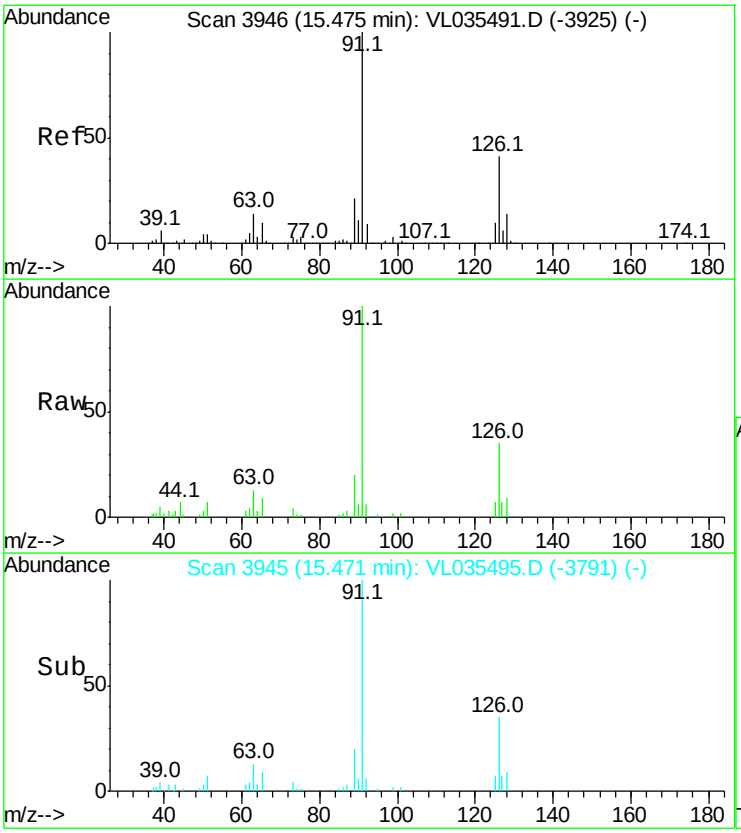
#70
n-Butylbenzene
Concen: 0.037 ppbv
RT: 18.57 min Scan# 4909
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 29105

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.0	70.6#
134	0.0	24.9	37.3#

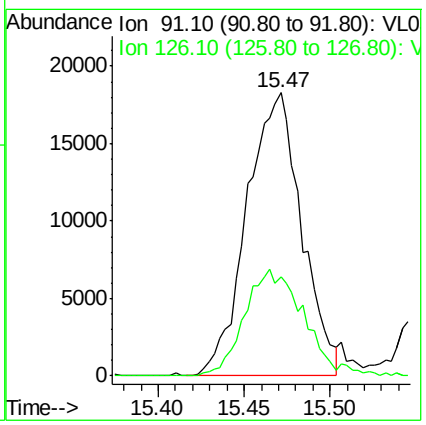


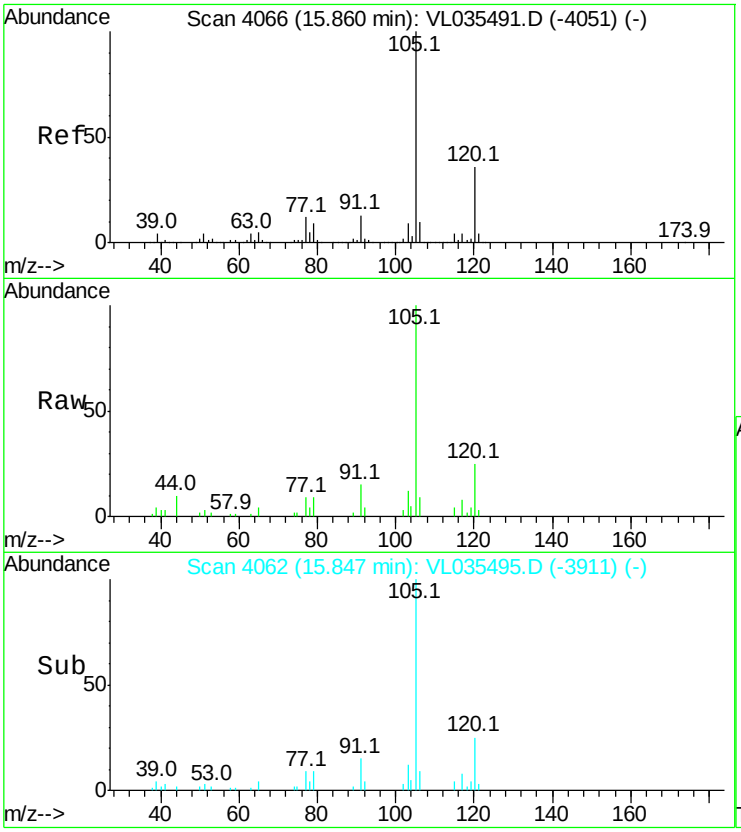


#71
2-Chlorotoluene
Concen: 0.076 ppbv
RT: 15.47 min Scan# 3945
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion: 91 Resp: 40403

Ion	Ratio	Lower	Upper
91	100		
126	40.9	15.8	63.0



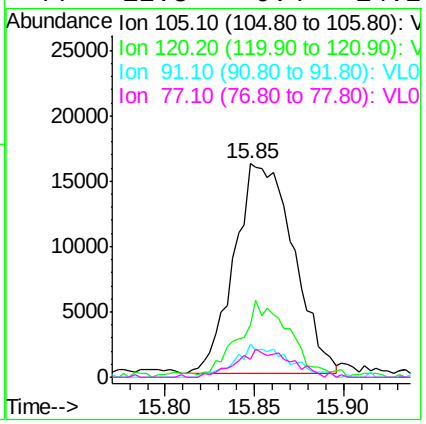


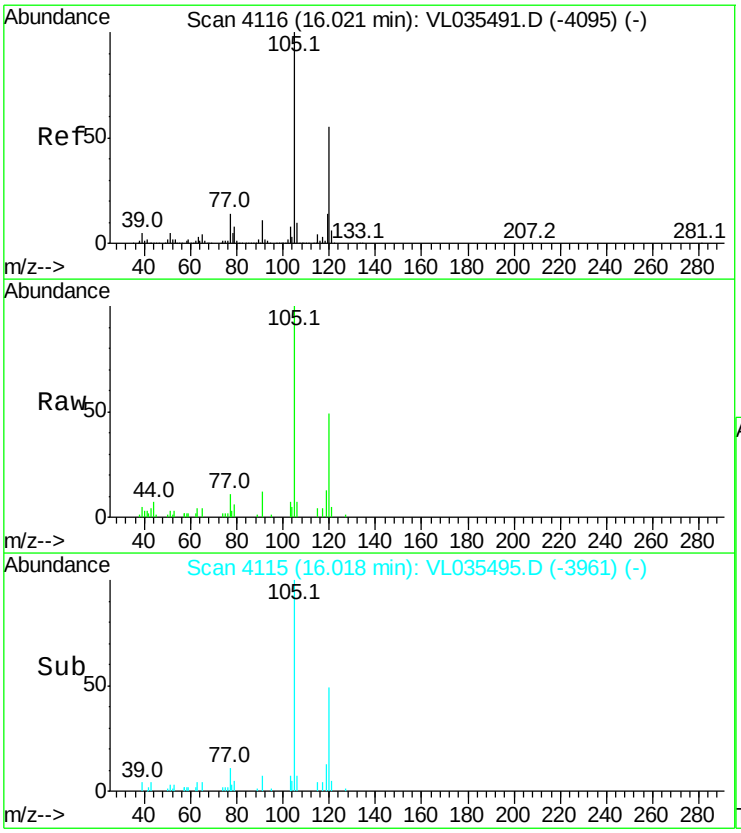
#72
4-Ethyltoluene
Concen: 0.064 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 37197

Ion	Ratio	Lower	Upper
105	100		
120	33.1	27.4	41.0
91	13.9	9.5	14.3
77	12.3	9.4	14.2

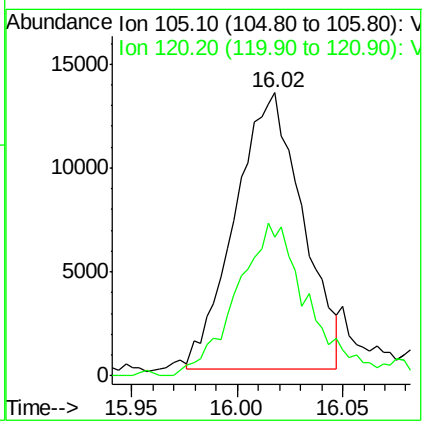


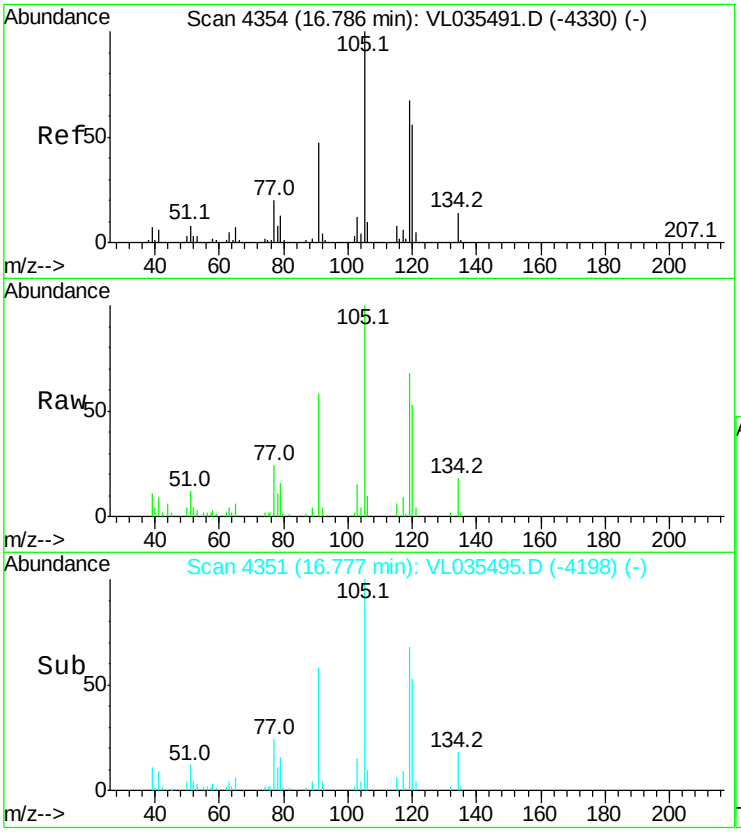


#73
1,3,5-Trimethylbenzene
Concen: 0.054 ppbv
RT: 16.02 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:105 Resp: 29614

Ion	Ratio	Lower	Upper
105	100		
120	47.3	43.9	65.9



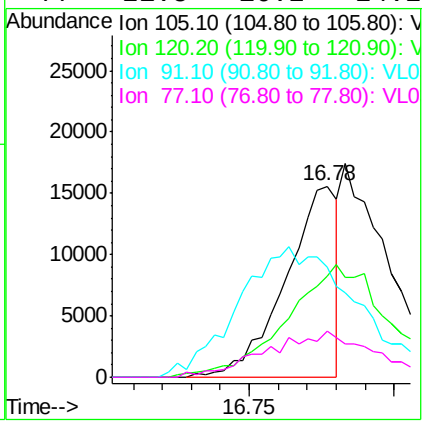


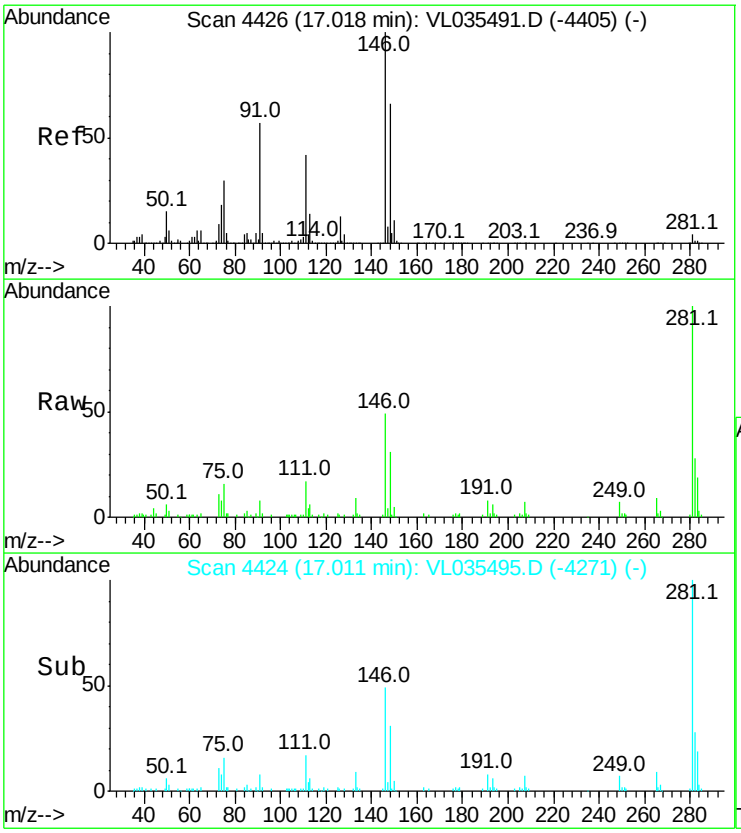
#74
1,2,4-Trimethylbenzene
Concen: 0.033 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 19291

Ion	Ratio	Lower	Upper
105	100		
120	51.3	44.7	67.1
91	53.7	37.5	56.3
77	21.5	16.2	24.2

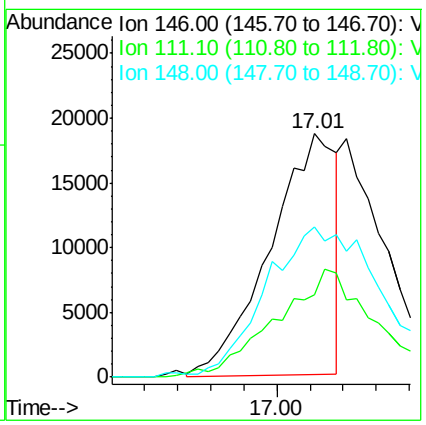


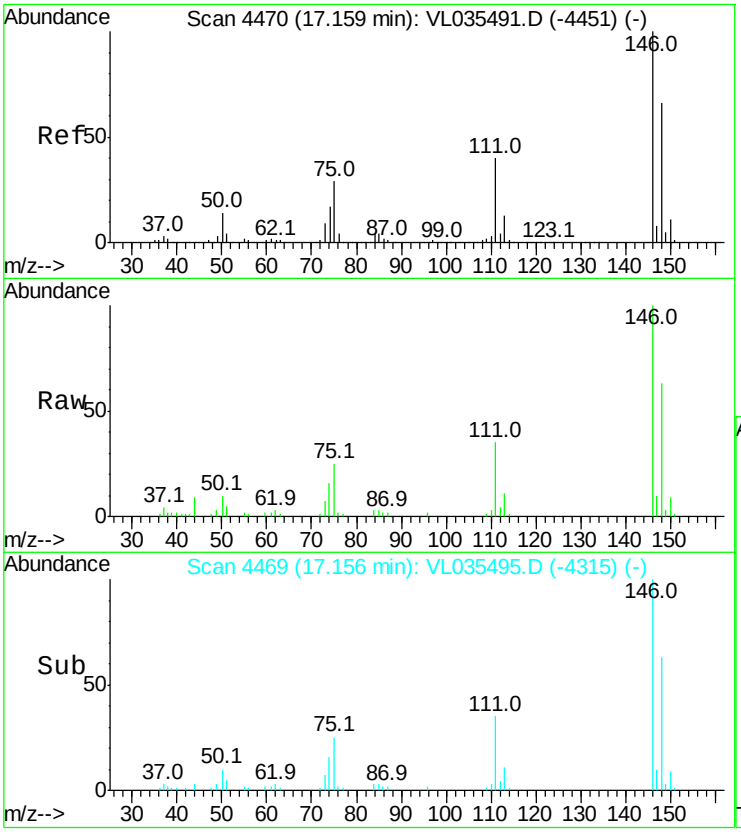


#75
1,3-Dichlorobenzene
Concen: 0.056 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:146 Resp: 25842

Ion	Ratio	Lower	Upper
146	100		
111	70.5	20.3	61.0#
148	114.8	33.1	99.5#



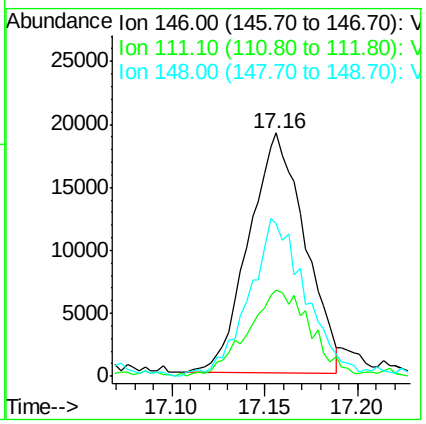


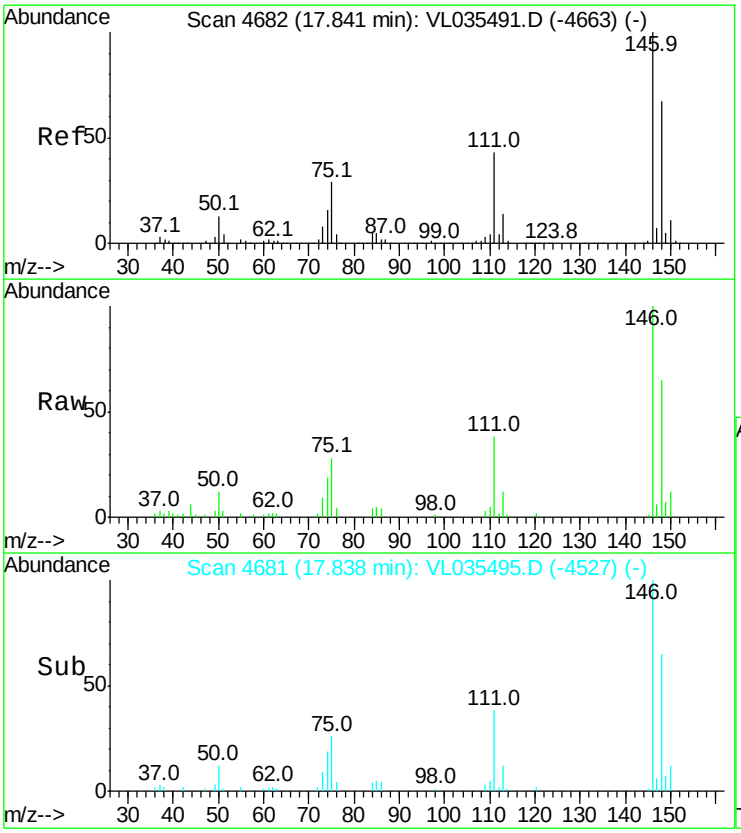
#76
1,4-Dichlorobenzene
Concen: 0.089 ppbv
RT: 17.16 min Scan# 4469
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 40263

Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.6	58.8
148	68.5	32.8	98.3

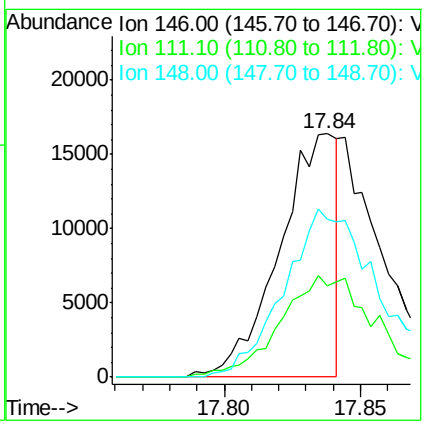


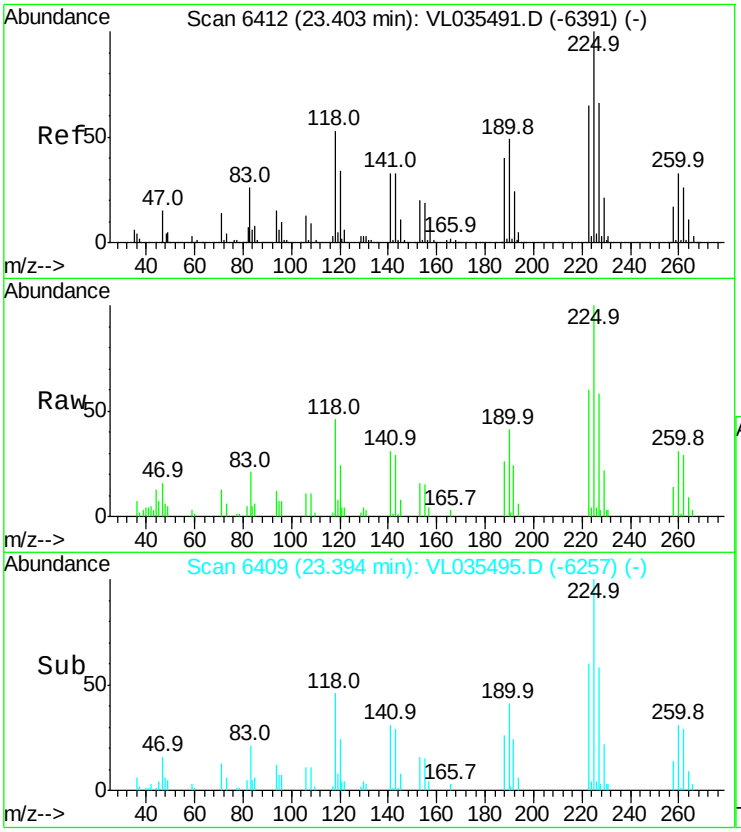


#77
1,2-Dichlorobenzene
Concen: 0.054 ppbv
RT: 17.84 min Scan# 4681
Delta R.T. -0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:146 Resp: 24107

Ion	Ratio	Lower	Upper
146	100		
111	70.4	21.0	63.0#
148	115.0	33.0	98.9#



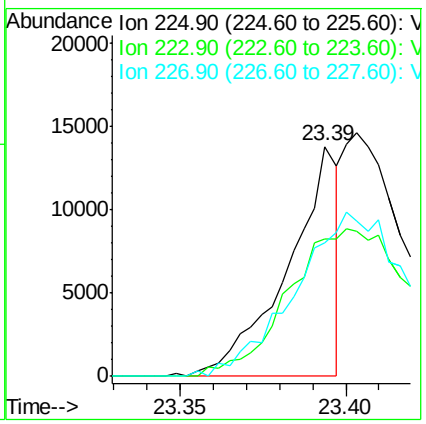


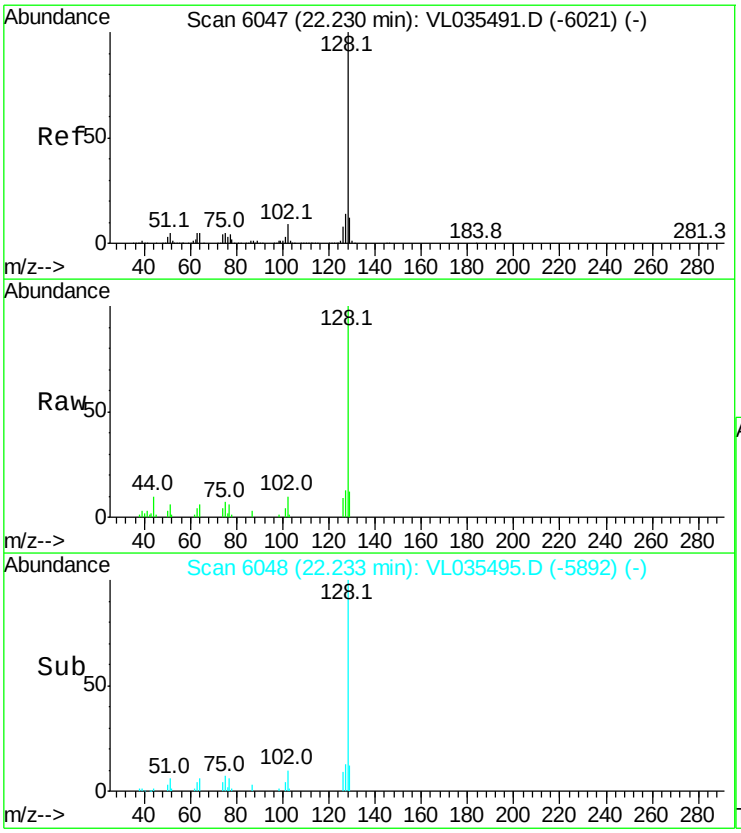
#78
Hexachloro-1,3-Butadiene
Concen: 0.041 ppbv
RT: 23.39 min Scan# 6409
Delta R.T. -0.01 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:225 Resp: 14498

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.4	77.2#
227	0.0	51.7	77.5#

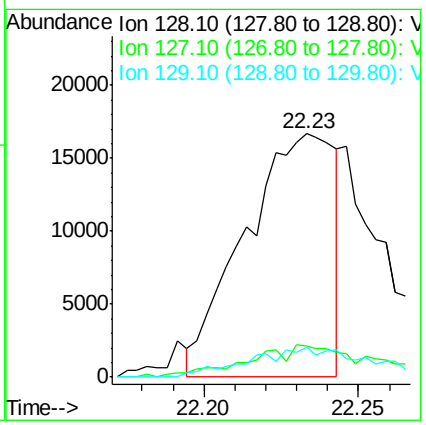


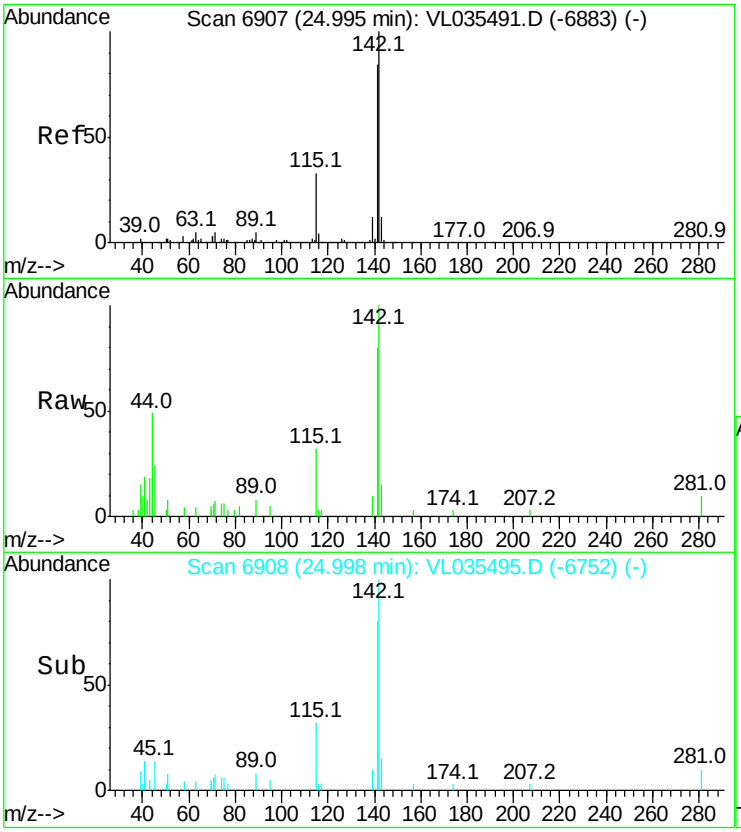


#79
Naphthalene
Concen: 0.040 ppbv
RT: 22.23 min Scan# 6048
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:128 Resp: 33578

Ion	Ratio	Lower	Upper
128	100		
127	12.2	11.4	17.0
129	12.2	9.8	14.6



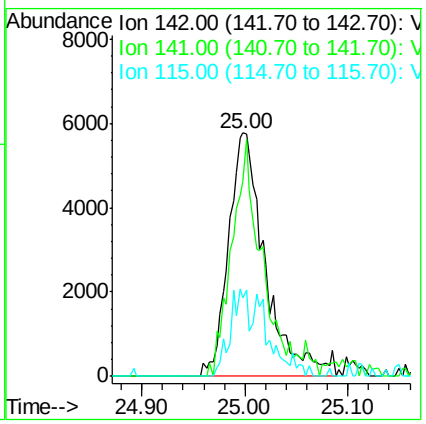


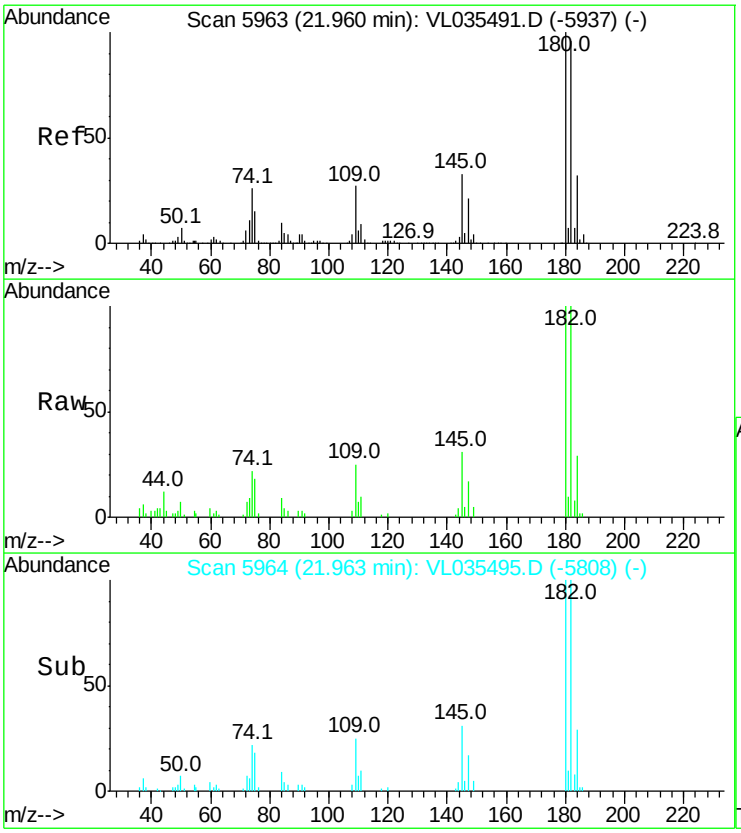
#80
Naphthalene,2-methyl-
Concen: 0.042 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 14332

Ion	Ratio	Lower	Upper
142	100		
141	78.3	67.1	100.7
115	34.8	25.6	38.4





#81
1,2,4-Trichlorobenzene
Concen: 0.078 ppbv
RT: 21.96 min Scan# 5964
Delta R.T. 0.00 min
Lab File: VL035495.D
Acq: 23 Aug 2020 10:45

Tgt Ion:180 Resp: 39262

Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.6	115.0
184	30.7	25.4	38.0