Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090820\

Quantitation Report (Not Reviewed)

Data File : VL035579.D
Acq On : 9 Sep 2020 9:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 09 10:17:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1144837	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4931998	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	6273692	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3678134	8.26	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1488110	7.501	ppbv	98
3) Chlorodifluoromethane	2.97	51	1241405	9.804	ppbv	99
4) Chloromethane	3.12	50	692733	10.212	ppbv	100
5) Vinyl Chloride	3.24	62	813975	9.733	ppbv	100
6) Bromomethane	3.46	94	712408	10.141	ppbv	99
7) Chloroethane	3.54	64	307055	10.385	ppbv	95
8) Dichlorotetrafluoroethane	3.17	85	2229378	9.278	ppbv	93
9) Propene	2.99	41	488198	10.001	ppbv	99
10) Heptane	8.11	43	1305550	9.958	ppbv	99
11) Trichlorofluoromethane	3.93	101	2567533	8.874	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1976402	9.051	ppbv	92
13) Ethanol	3.59	45	116871	9.657	ppbv	95
14) Bromoethene	3.72	108	945624	10.060	ppbv	99
15) Acetone	3.83	43	1294560	10.253	ppbv	98
16) 1,3-Butadiene	3.31	39	487205	10.365	ppbv	97
17) tert-Butyl alcohol	4.28	59	1614148	10.502	ppbv	99
18) 1,1-Dichloroethene	4.27	96	940644	9.782	ppbv	97
19) Isopropyl Alcohol	3.95	45	788003	10.461	ppbv	100
20) Methylene Chloride	4.33	84	787834	8.378	ppbv	96
21) Allyl Chloride	4.40	41	674611	11.404	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	978611	9.559	ppbv	92
23) Vinyl Acetate	5.06	43	1789339	11.041	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1644790	9.862	ppbv	99
25) Ethyl Acetate	5.66	43	2185707	9.798	ppbv	99
26) Hexane	5.67	57	1250581	9.895	ppbv	99
27) Carbon Disulfide	4.53	76	2054467	11.327	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	2347412	10.657	ppbv	99
29) Chloroform	5.74	83	2515290	9.768	ppbv	99
30) Cyclohexane	7.12	84	1442097	10.651	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	1368130	10.551	ppbv	100
32) 1,1,1-Trichloroethane	6.50	97	2508245	10.041	ppbv	99
34) 2-Butanone	5.23	43	1522713	10.403	ppbv	98
35) Carbon Tetrachloride	7.01	117	2557702	10.318	ppbv	100
36) Benzene	6.88	78	3292019	10.312	ppbv	100
37) 1,2-Dichloroethane	6.29	62	1553674	10.208	ppbv	100
38) Trichloroethene	7.83	130	1686274	9.093	ppbv	96
39) 1,2-Dichloropropane	7.60	63	1109828	10.291	ppbv	100
40) 1,4-Dioxane	7.82	88	580282	10.771	ppbv	95
41) Tetrahydrofuran	6.04	42	861412	11.098	ppbv	98
42) Bromodichloromethane	7.78	83	2661878	10.815	ppbv	99
43) Methyl Methacrylate	8.01	69	1389477	11.256	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090820\

Quantitation Report (Not Reviewed)

Data File : VL035579.D
Acq On : 9 Sep 2020 9:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 09 10:17:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4180479	9.952	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	1571756	12.568	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	1853999	11.940	ppbv		97
47) 1,1,2-Trichloroethane	9.47	97	1606805	10.097	ppbv		99
48) Dibromochloromethane	10.30	129	2714679	10.839	ppbv		100
49) Bromoform	13.04	173	2462199	10.847	ppbv		100
50) 4-Methyl-2-Pentanone	8.74	43	2220470	10.477	ppbv		98
51) 2-Hexanone	10.13	43	1930491	11.104	ppbv	#	98
52) Tetrachloroethene	11.22	164	1677757	8.996	ppbv		97
53) Toluene	9.80	91	4166498	10.378	ppbv		99
54) 1,2-Dibromoethane	10.61	107	2562231	10.190	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	2124444	8.322	ppbv		95
57) Chlorobenzene	12.15	112	3540292	7.668	ppbv		99
58) Ethyl Benzene	12.71	91	5403235	8.352	ppbv		100
59) m/p-Xylene	13.00	91	4720099	8.731	ppbv	#	37
60) o-Xylene	13.69	91	4431236	8.139	ppbv		100
61) Styrene	13.53	104	3676160	8.828	ppbv		99
62) Isopropylbenzene	14.67	105	6768651	7.739	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	3116514	7.383	ppbv		99
64) n-propylbenzene	15.56	120	2191675	8.212	ppbv		98
65) tert-Butylbenzene	16.75	119	6325181	7.780	ppbv		98
66) Benzyl Chloride	17.00	91	2324080	11.502	ppbv		99
67) sec-Butylbenzene	17.30	105	8304640	7.667	ppbv		99
69) p-Isopropyltoluene	17.66	119	7328758	7.713	ppbv		99
70) n-Butylbenzene	18.56	91	7202913	7.870	ppbv		99
71) 2-Chlorotoluene	15.46	91	5230673	8.213	ppbv		99
72) 4-Ethyltoluene	15.84	105	5694407	8.227	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	5239542	8.184	ppbv		99
74) 1,2,4-Trimethylbenzene	16.77	105	5432113	7.726	ppbv		99
75) 1,3-Dichlorobenzene	17.00	146	3869614	7.430	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	3946841	7.685	ppbv		99
77) 1,2-Dichlorobenzene	17.82	146	3795656	7.523	ppbv		99
78) Hexachloro-1,3-Butadiene	23.39	225	2211608	6.866	ppbv		100
79) Naphthalene	22.21	128	6630371	8.499	ppbv		100
80) Naphthalene,2-methyl-	24.98	142	2731416	10.258	ppbv		100
81) 1,2,4-Trichlorobenzene	21.94	180	3591617	7.688	ppbv		100

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

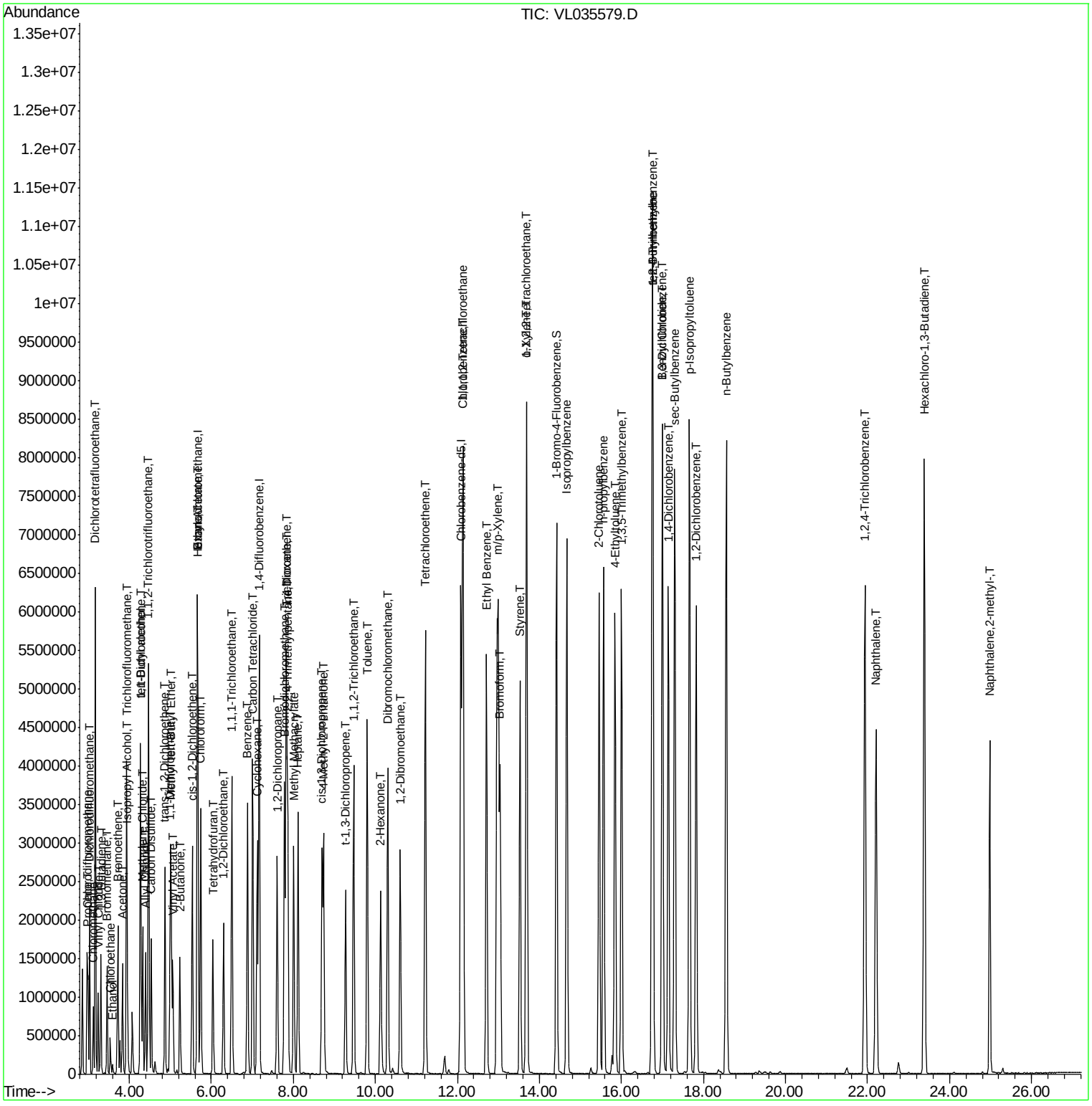
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090820\

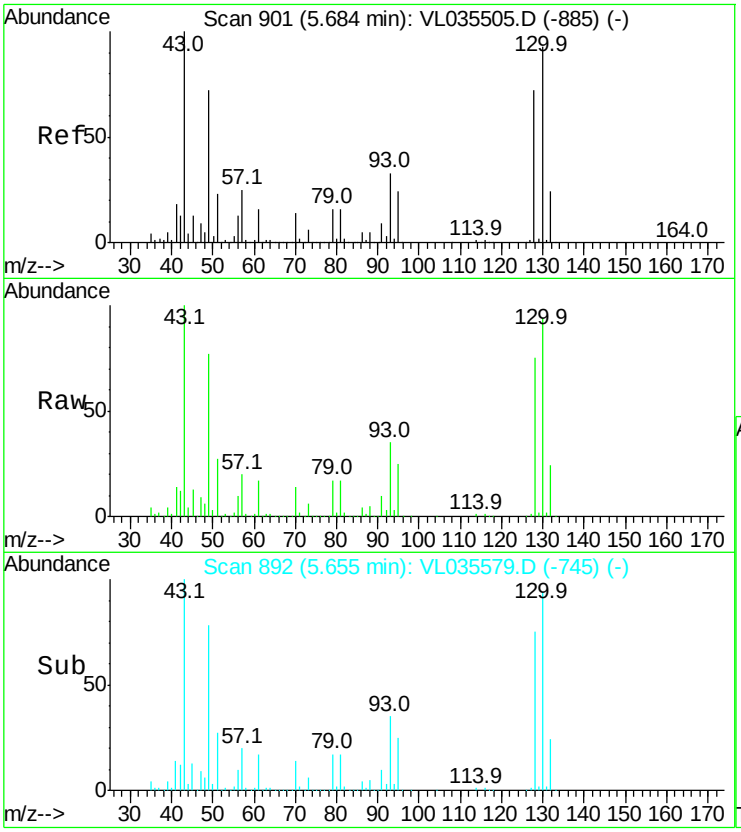
Quantitation Report (Not Reviewed)

Data File : VL035579.D
Acq On : 9 Sep 2020 9:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 09 10:17:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration



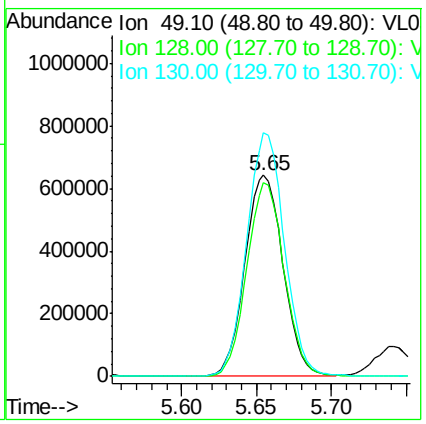


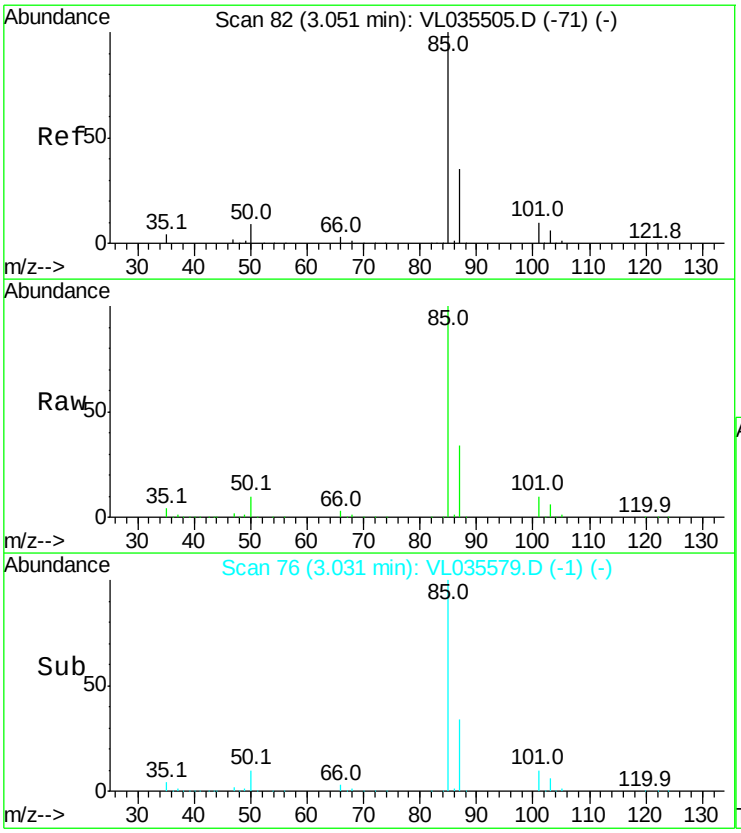
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1144837

Ion	Ratio	Lower	Upper
49	100		
128	94.4	50.0	150.1
130	119.7	64.4	193.2

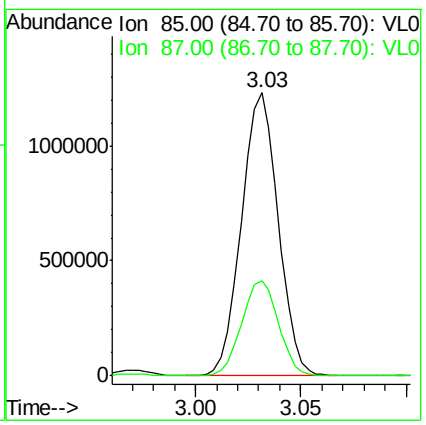


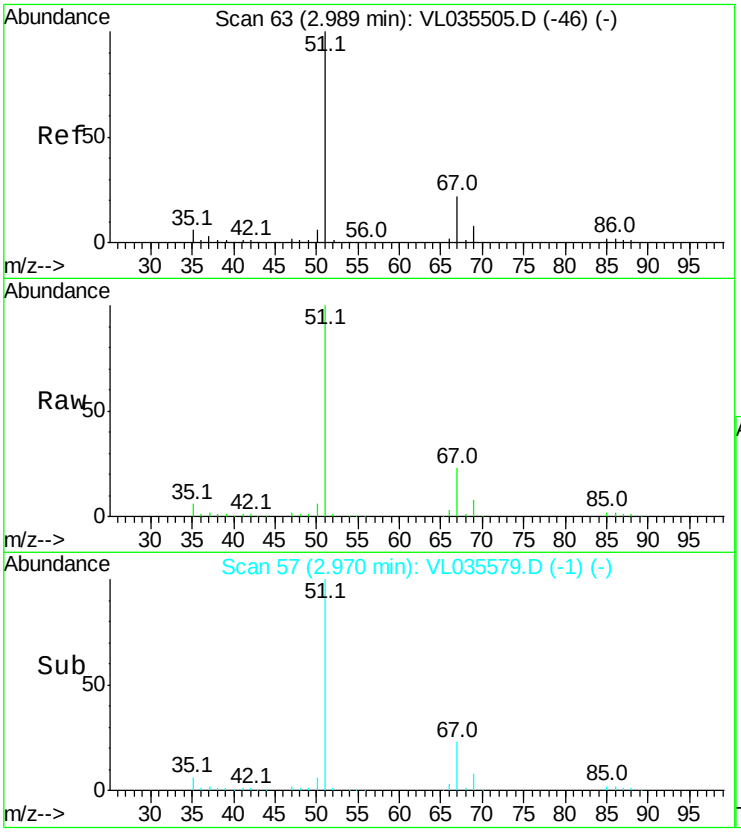


#2
Dichlorodifluoromethane
Concen: 7.501 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 85 Resp: 1488110

Ion	Ratio	Lower	Upper
85	100		
87	33.8	28.0	42.0



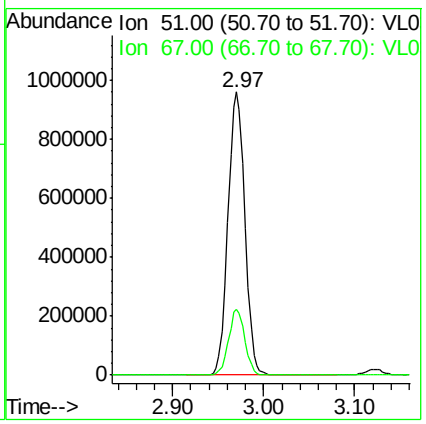


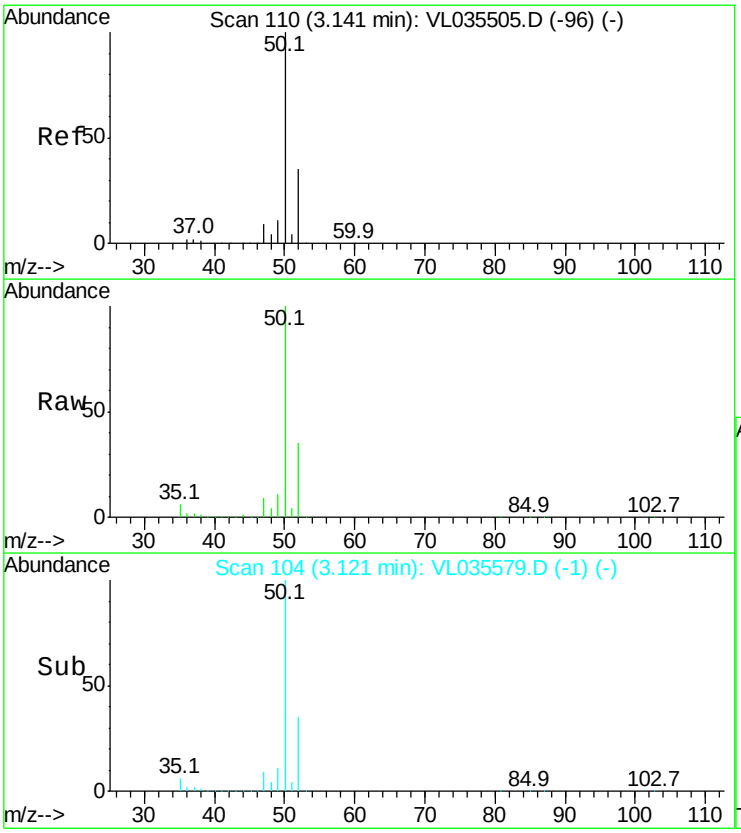
#3
Chlorodifluoromethane
Concen: 9.804 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1241405

Ion	Ratio	Lower	Upper
51	100		
67	22.6	17.8	26.8

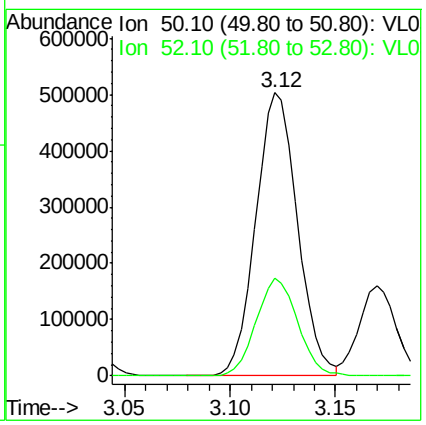


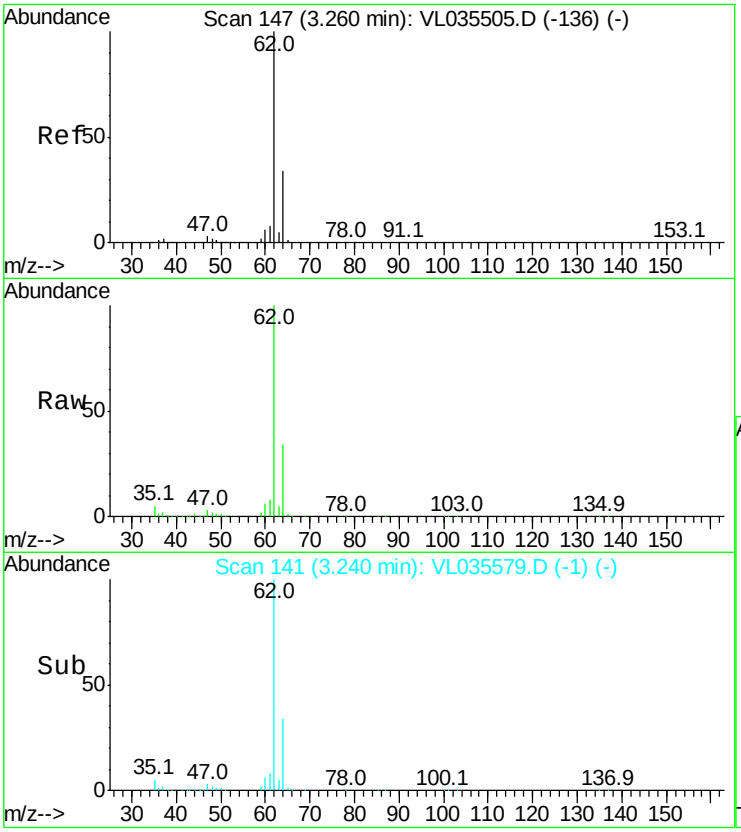


#4
Chloromethane
Concen: 10.212 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 50 Resp: 692733

Ion	Ratio	Lower	Upper
50	100		
52	34.5	27.7	41.5



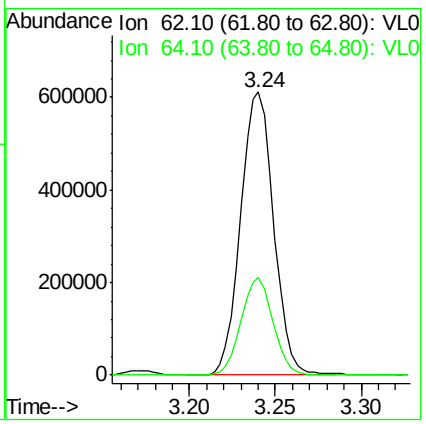


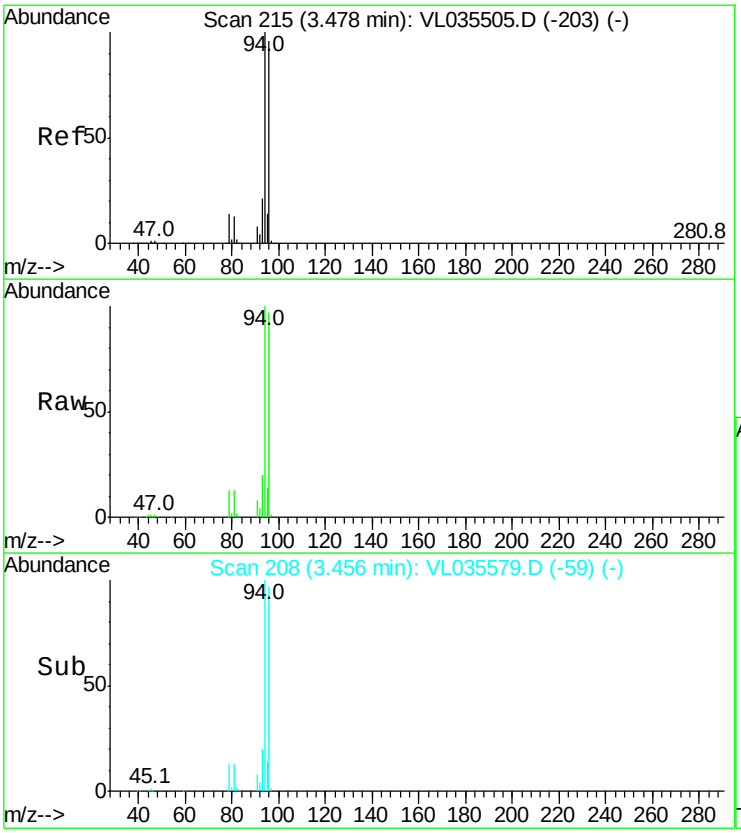
#5
Vinyl Chloride
Concen: 9.733 ppbv
RT: 3.24 min Scan# 141
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 813975

Ion	Ratio	Lower	Upper
62	100		
64	34.3	27.4	41.2

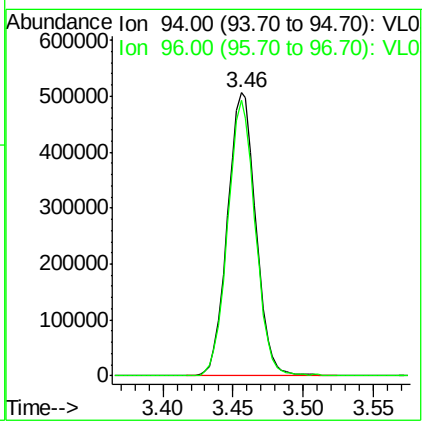


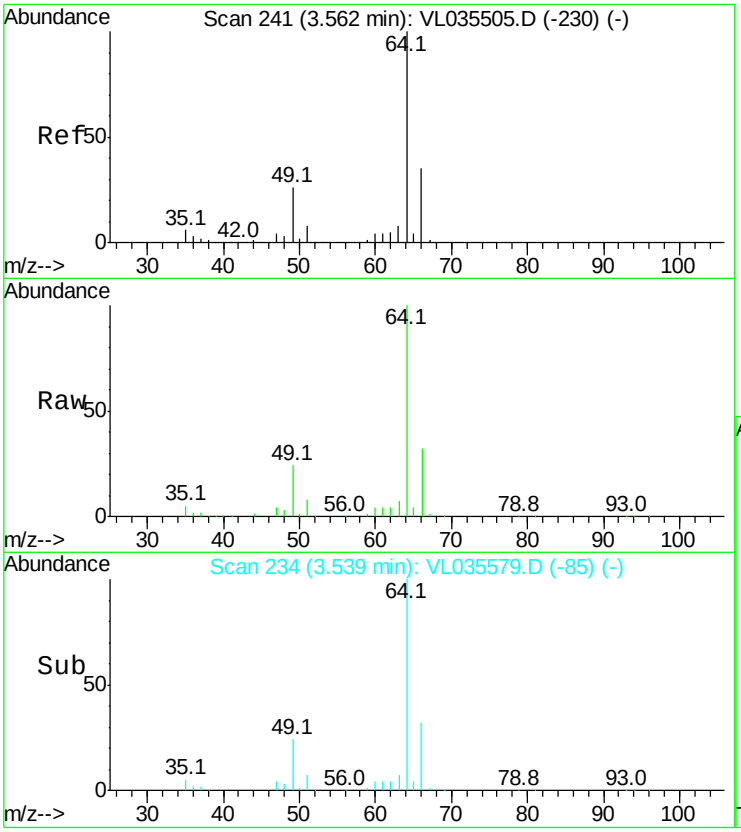


#6
Bromomethane
Concen: 10.141 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 94 Resp: 712408

Ion	Ratio	Lower	Upper
94	100		
96	97.2	77.1	115.7



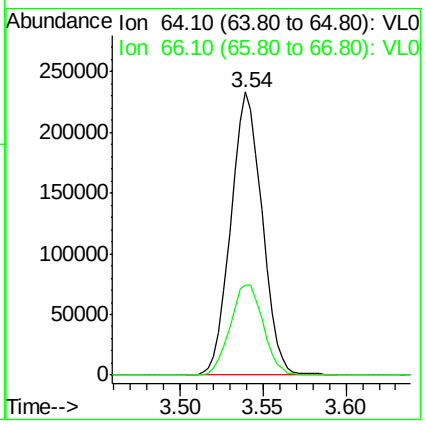


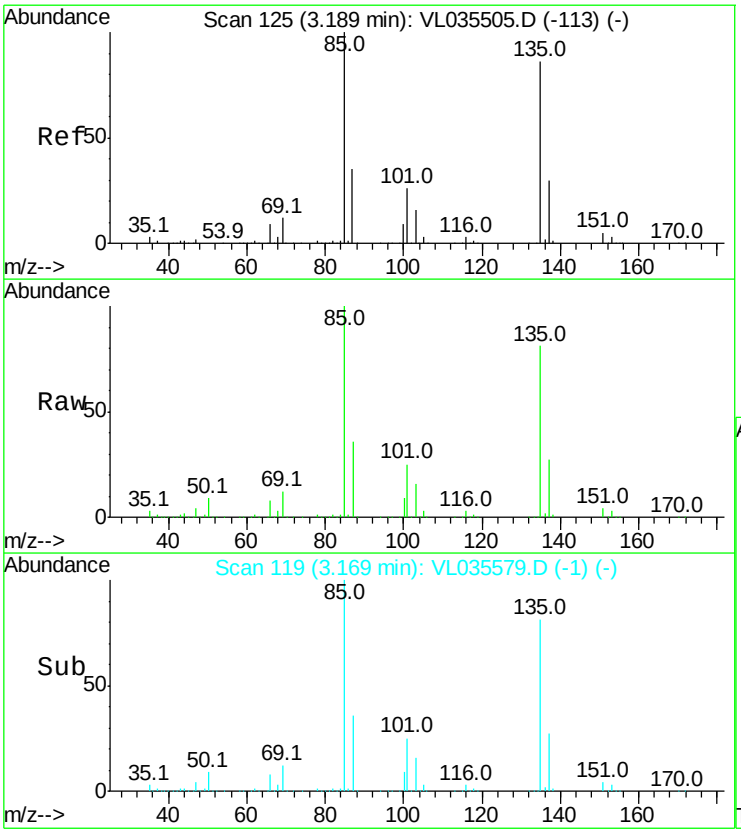
#7
Chloroethane
Concen: 10.385 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 307055

Ion	Ratio	Lower	Upper
64	100		
66	31.6	27.7	41.5

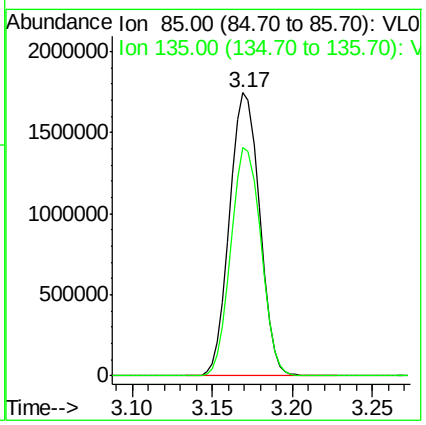


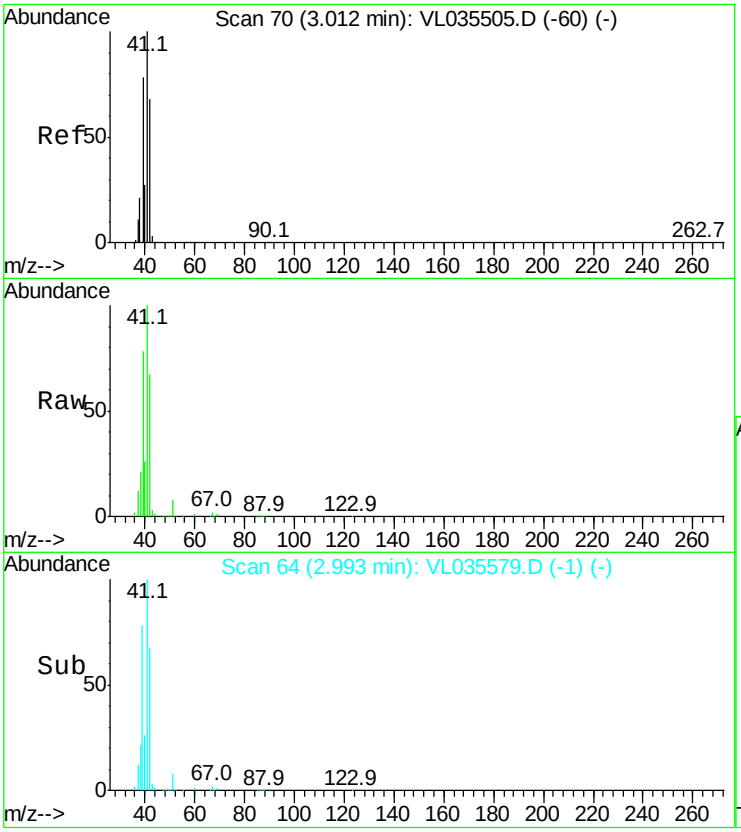


#8
Dichlorotetrafluoroethane
Concen: 9.278 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 85 Resp: 2229378

Ion	Ratio	Lower	Upper
85	100		
135	81.1	70.4	105.6



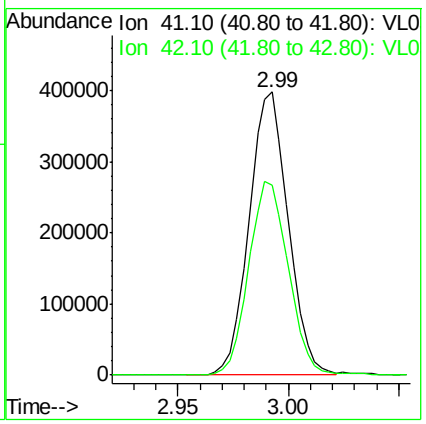


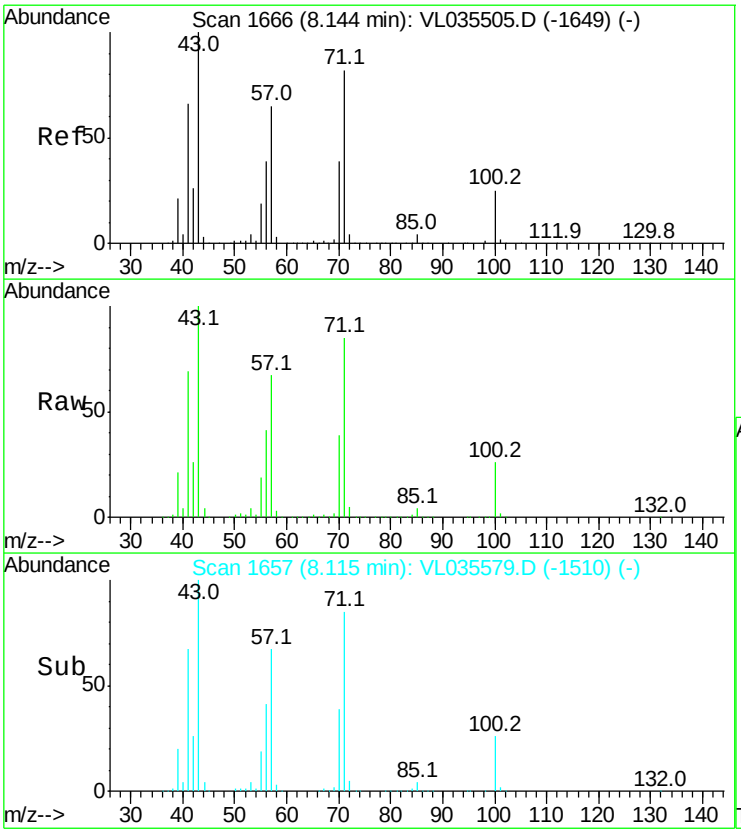
#9
Propene
Concen: 10.001 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 488198

Ion	Ratio	Lower	Upper
41	100		
42	69.8	56.3	84.5

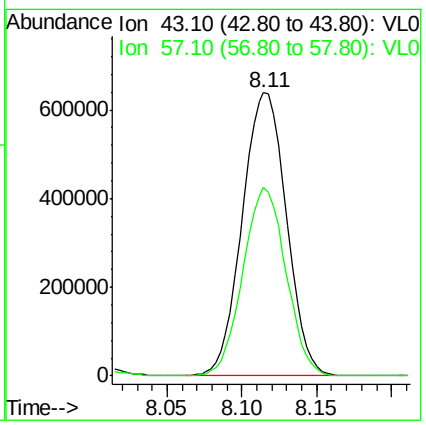


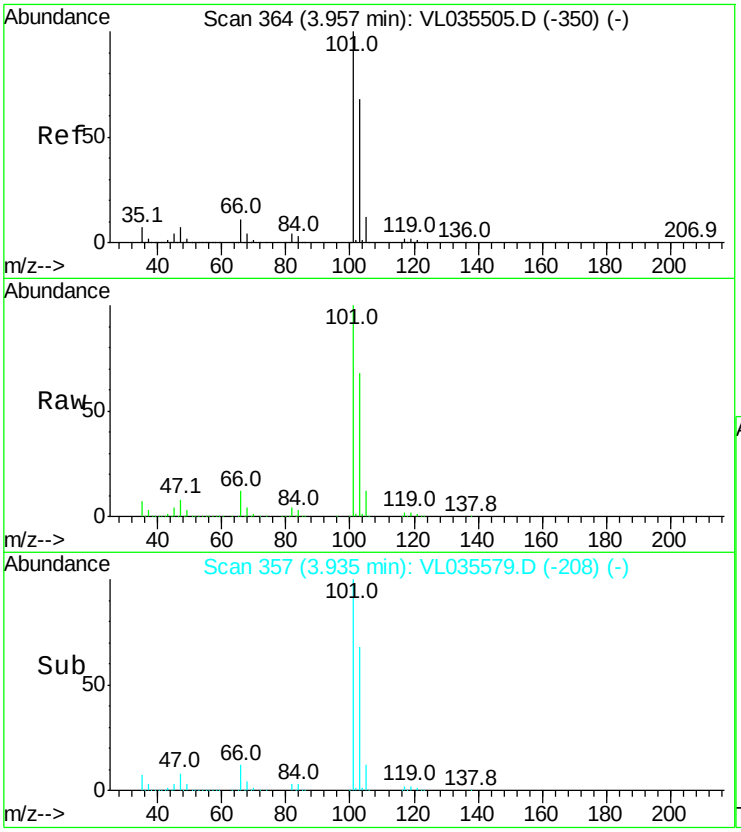


#10
Heptane
Concen: 9.958 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 43 Resp: 1305550

Ion	Ratio	Lower	Upper
43	100		
57	65.0	51.4	77.0



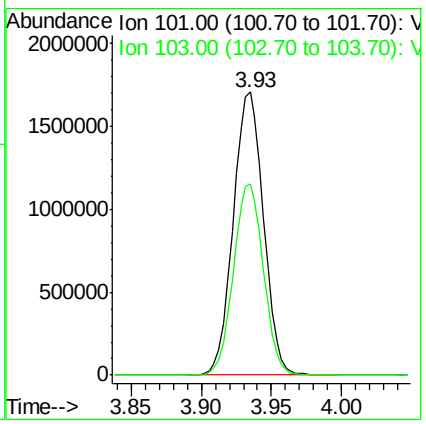


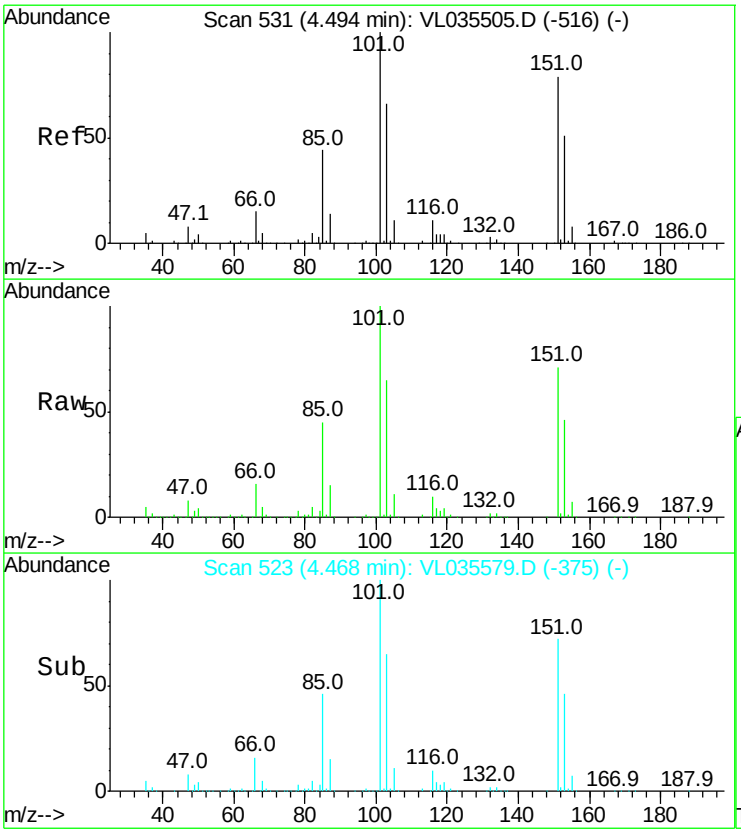
#11
Trichlorofluoromethane
Concen: 8.874 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2567533

Ion	Ratio	Lower	Upper
101	100		
103	67.6	54.5	81.7

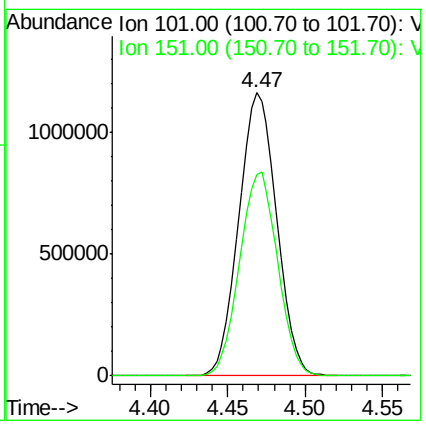


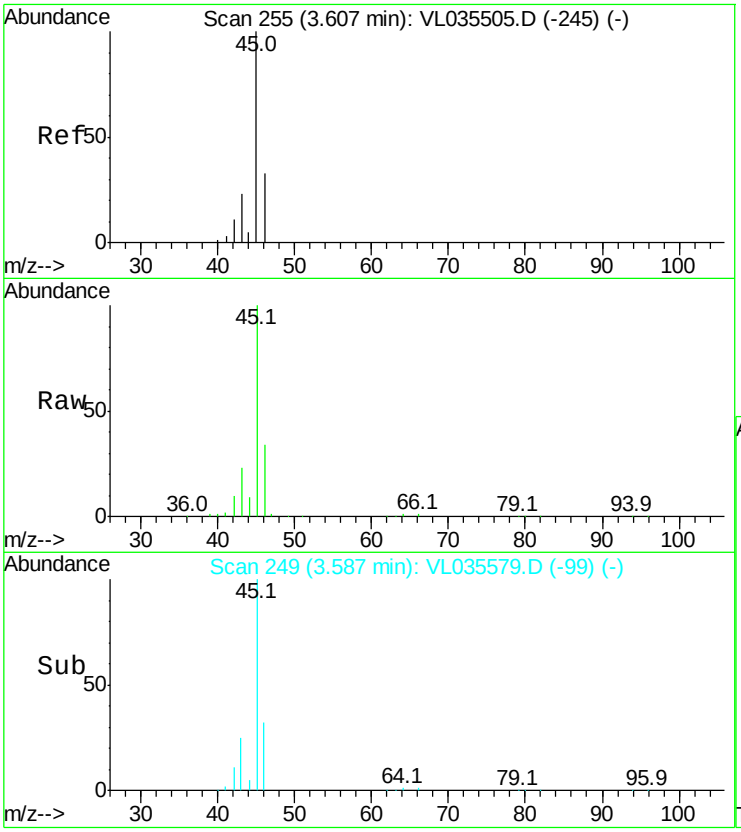


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.051 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:101 Resp: 1976402

Ion	Ratio	Lower	Upper
101	100		
151	72.6	63.5	95.3



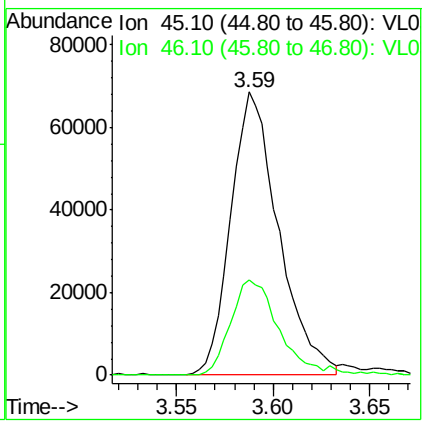


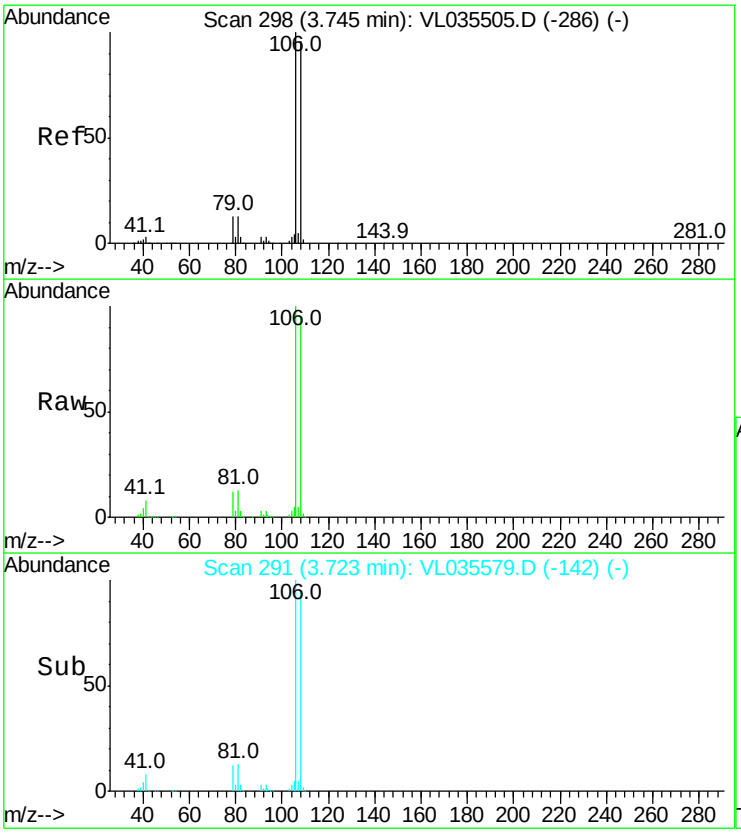
#13
Ethanol
Concen: 9.657 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 116871

Ion	Ratio	Lower	Upper
45	100		
46	35.0	15.2	60.6

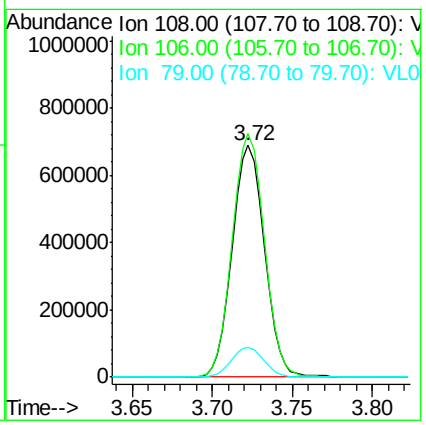


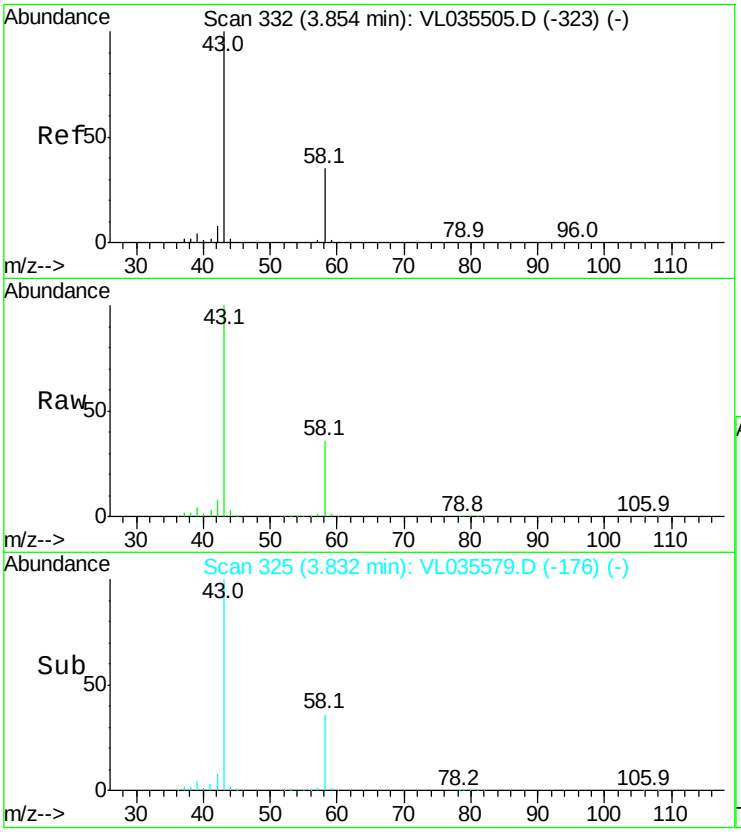


#14
Bromoethene
Concen: 10.060 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:108 Resp: 945624

Ion	Ratio	Lower	Upper
108	100		
106	105.1	84.9	127.3
79	12.9	10.8	16.2



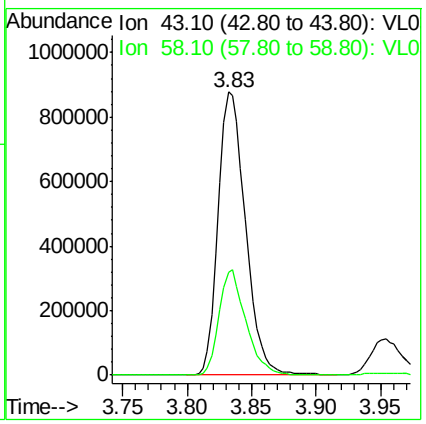


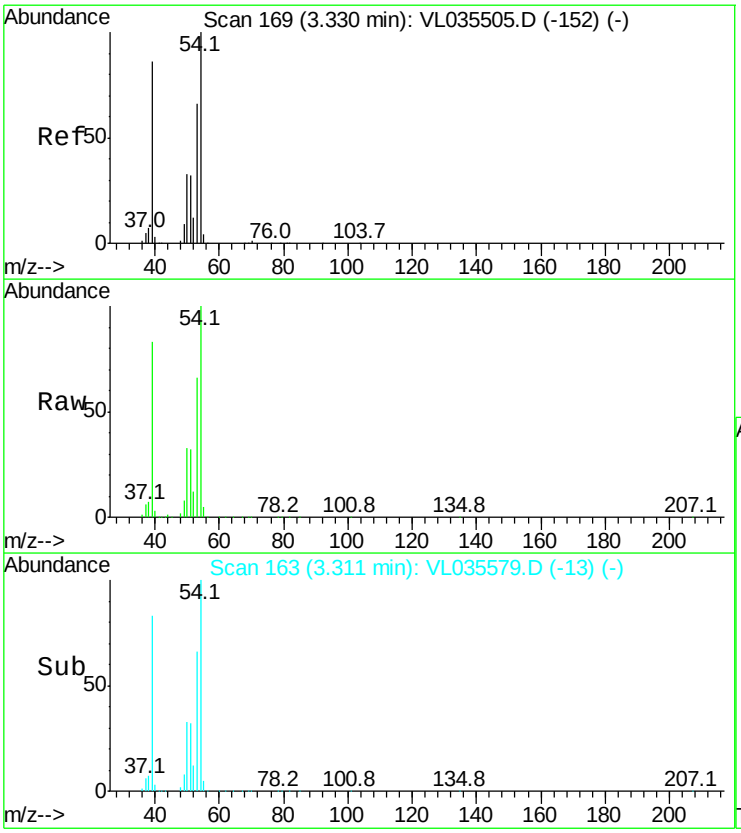
#15
Acetone
Concen: 10.253 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1294560

Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.4	42.6

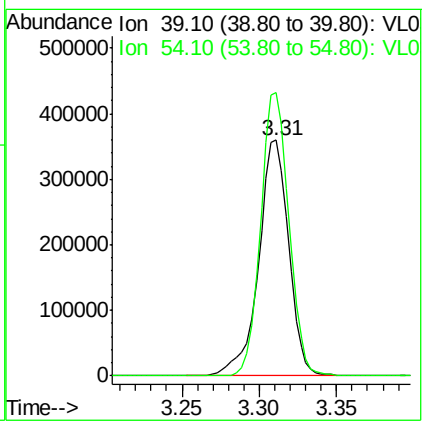


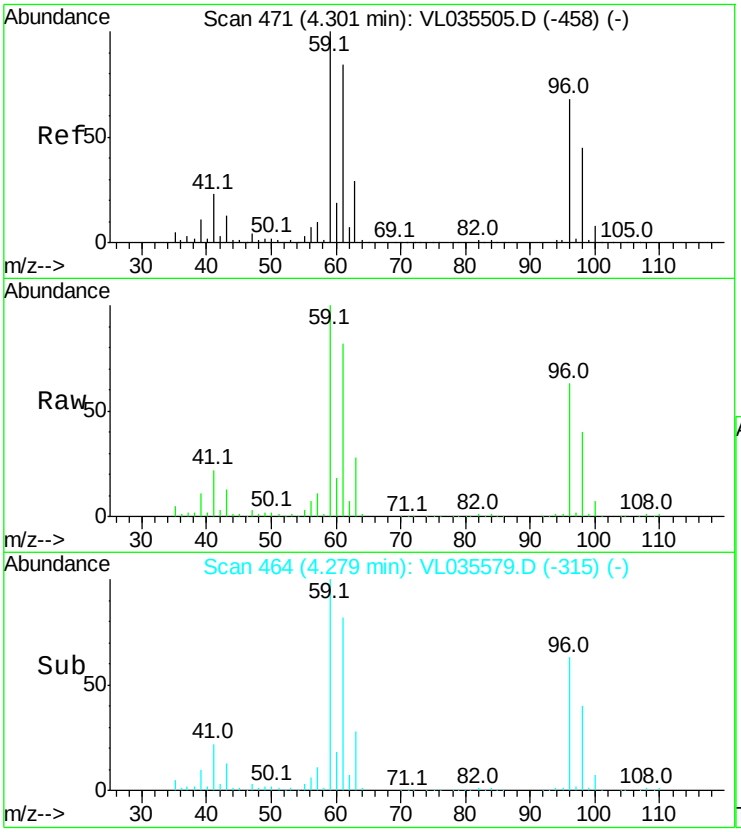


#16
1,3-Butadiene
Concen: 10.365 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 39 Resp: 487205

Ion	Ratio	Lower	Upper
39	100		
54	113.2	88.4	132.6



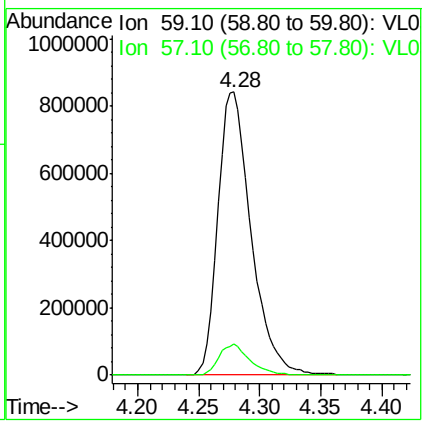


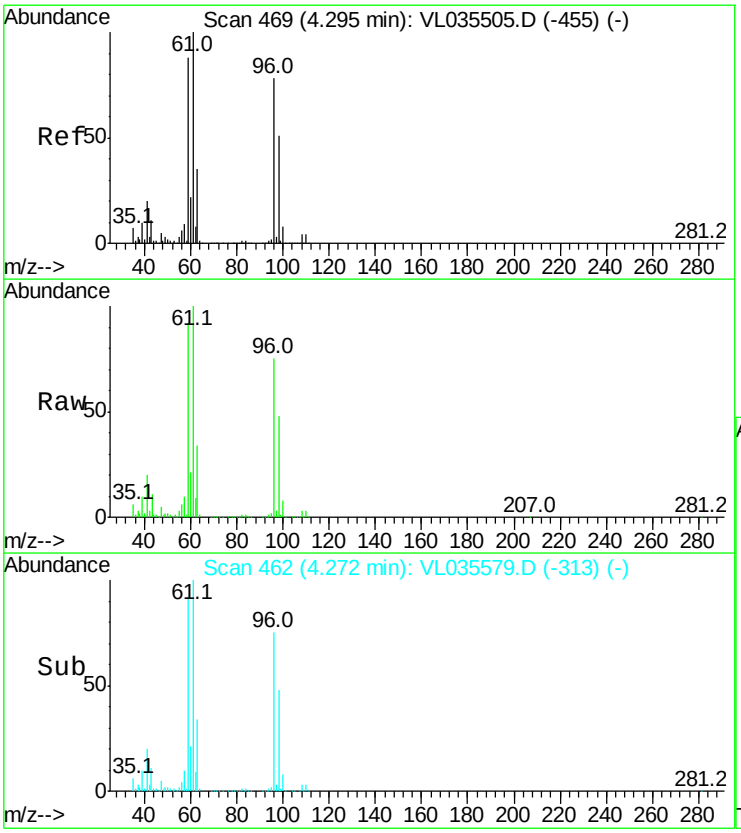
#17
tert-Butyl alcohol
Concen: 10.502 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 59 Resp: 1614148

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

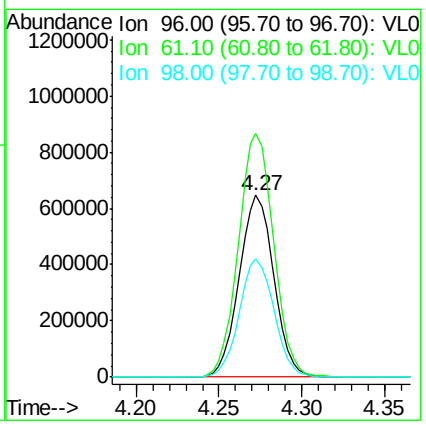


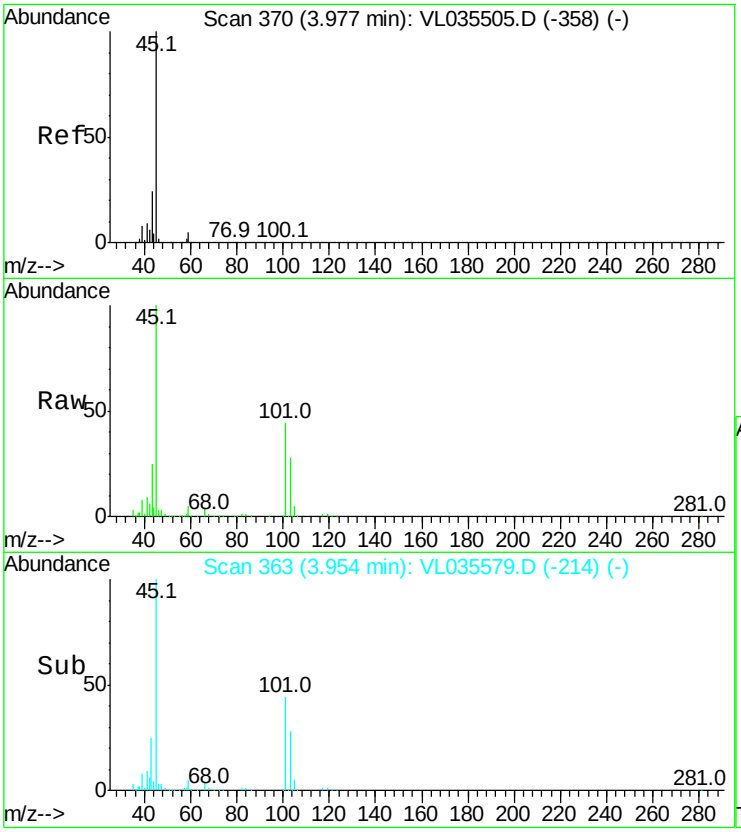


#18
1,1-Dichloroethene
Concen: 9.782 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 96 Resp: 940644

Ion	Ratio	Lower	Upper
96	100		
61	133.9	103.0	154.6
98	64.8	52.8	79.2



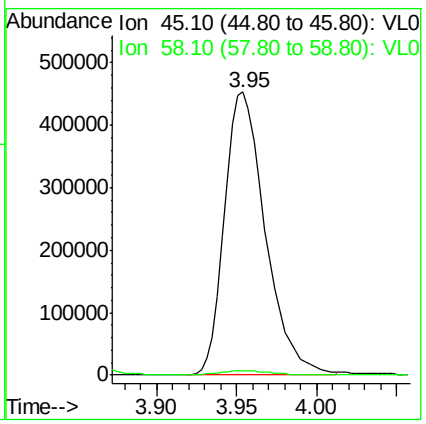


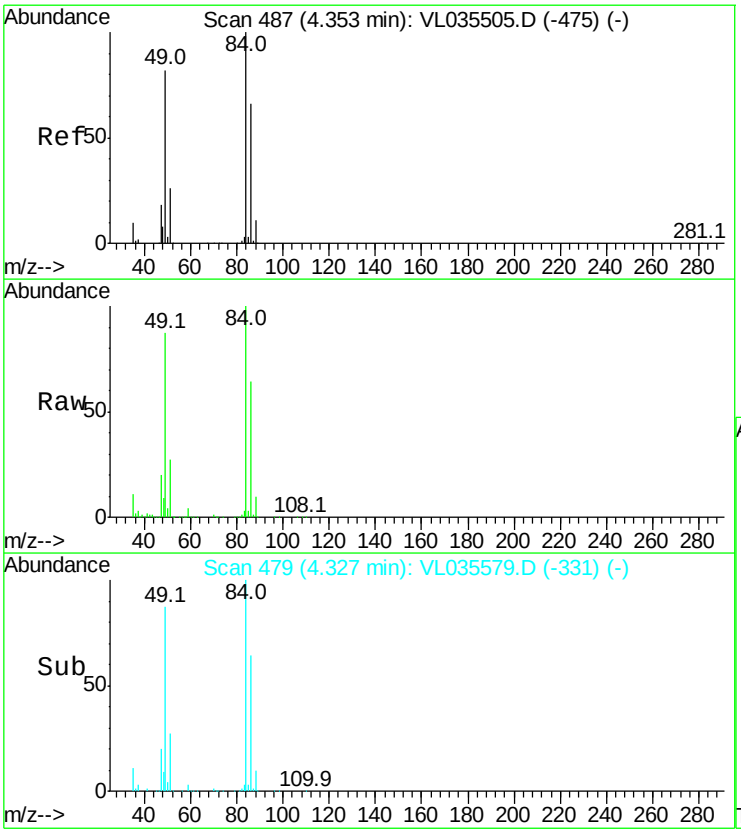
#19
Isopropyl Alcohol
Concen: 10.461 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 788003

Ion	Ratio	Lower	Upper
45	100		
58	2.3	2.0	3.0

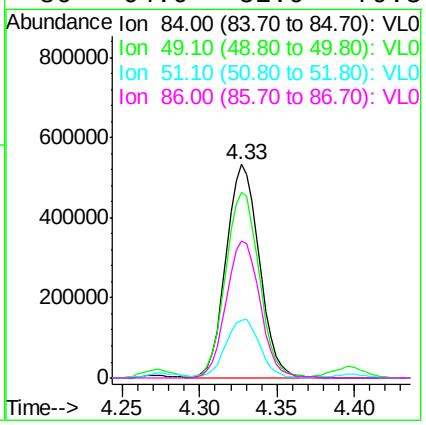


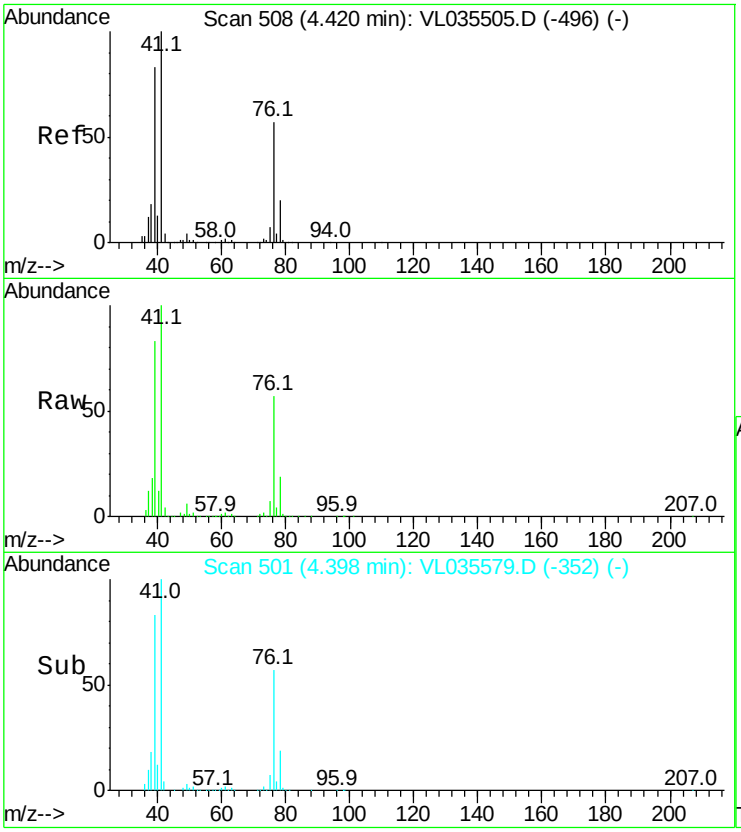


#20
Methylene Chloride
Concen: 8.378 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 84 Resp: 787834

Ion	Ratio	Lower	Upper
84	100		
49	86.1	65.4	98.0
51	26.0	21.5	32.3
86	64.0	52.9	79.3



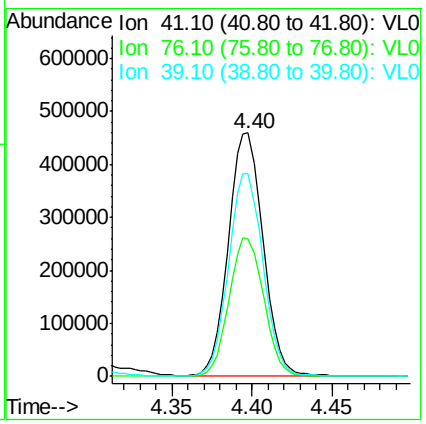


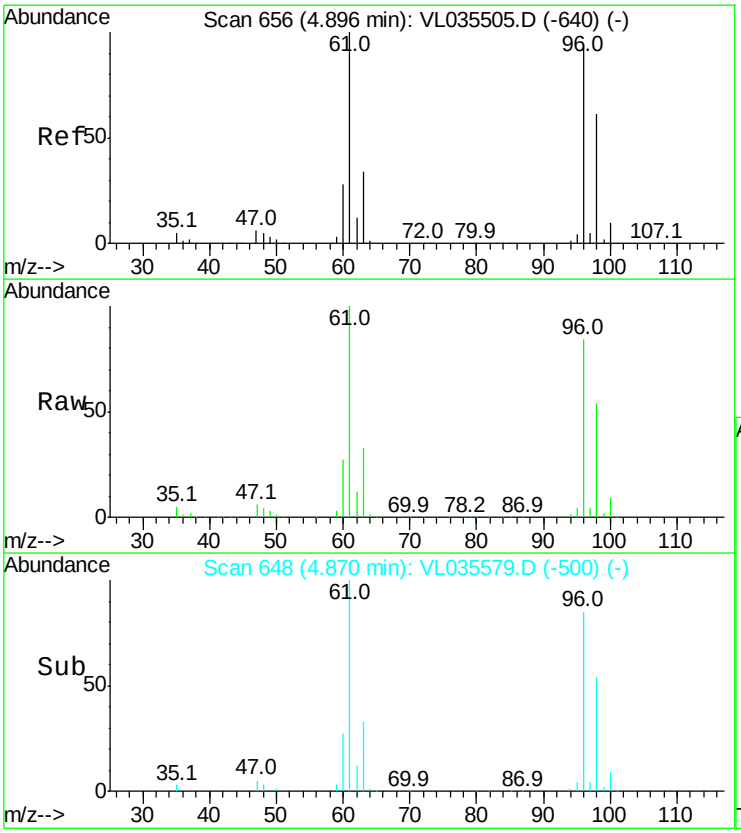
#21
Allyl Chloride
Concen: 11.404 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 674611

Ion	Ratio	Lower	Upper
41	100		
76	57.2	46.2	69.2
39	83.8	67.8	101.6

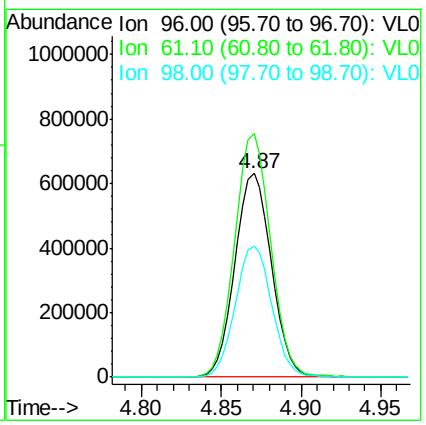


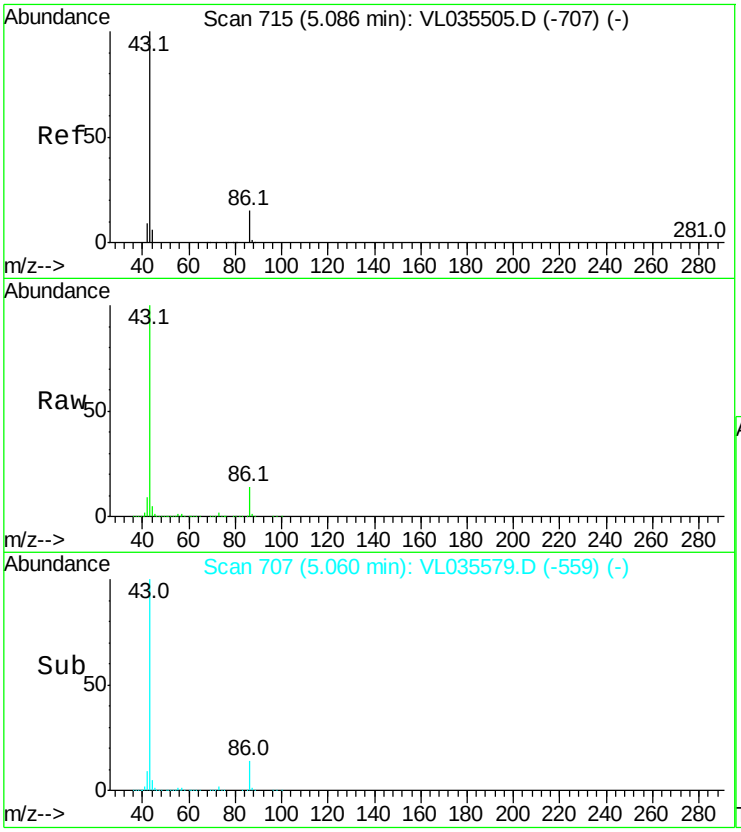


#22
trans-1,2-Dichloroethene
Concen: 9.559 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 96 Resp: 978611

Ion	Ratio	Lower	Upper
96	100		
61	119.6	86.0	129.0
98	64.0	52.3	78.5



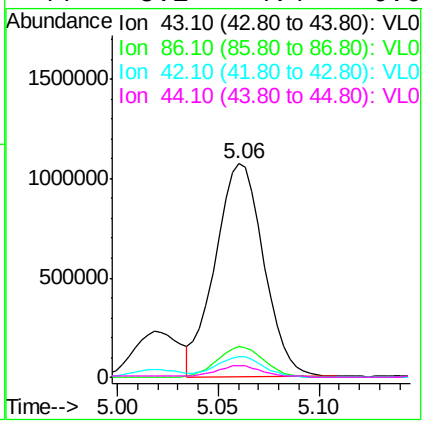


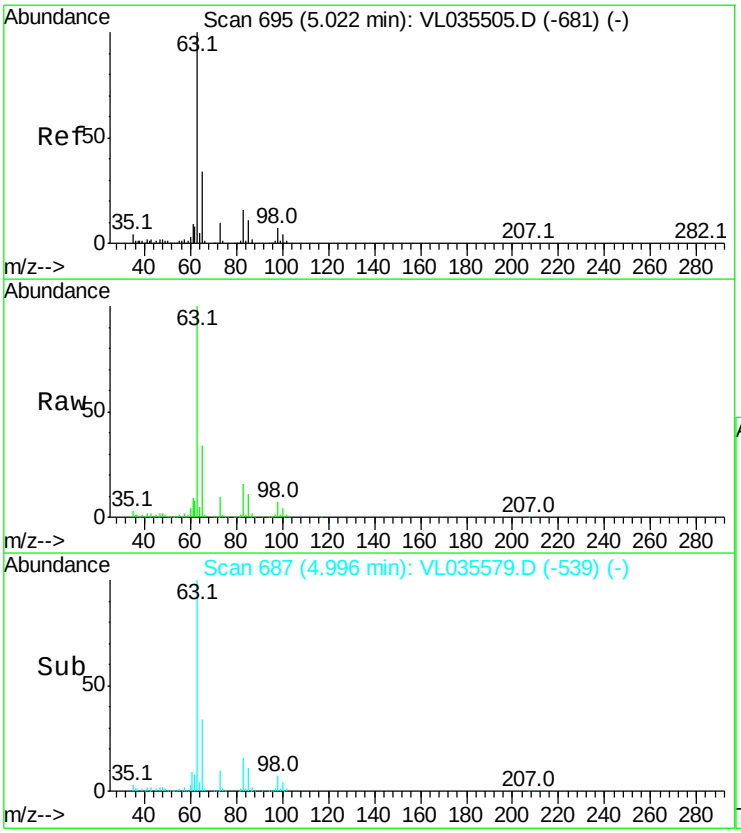
#23
Vinyl Acetate
Concen: 11.041 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1789339

Ion	Ratio	Lower	Upper
43	100		
86	14.3	10.6	16.0
42	9.4	7.5	11.3
44	5.1	4.4	6.6

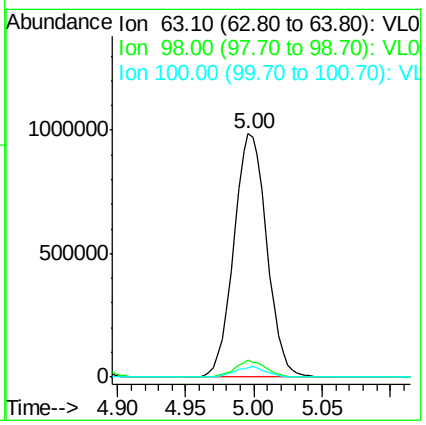


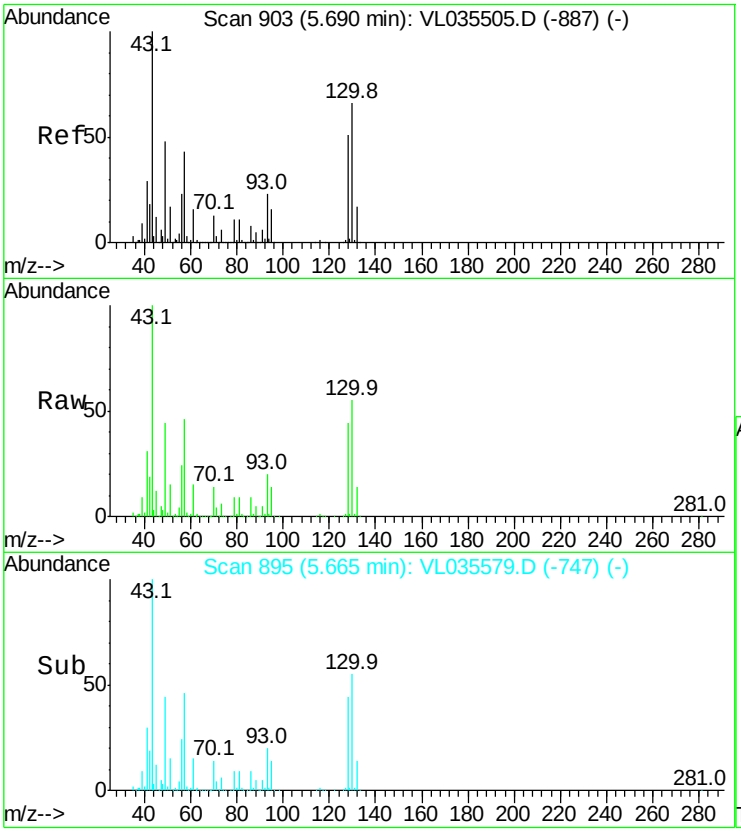


#24
1,1-Dichloroethane
Concen: 9.862 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 63 Resp: 1644790

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.1
100	3.9	2.1	6.5



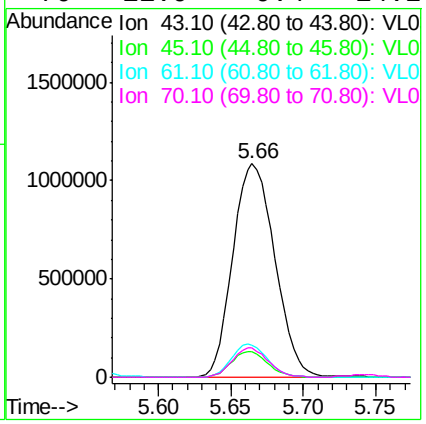


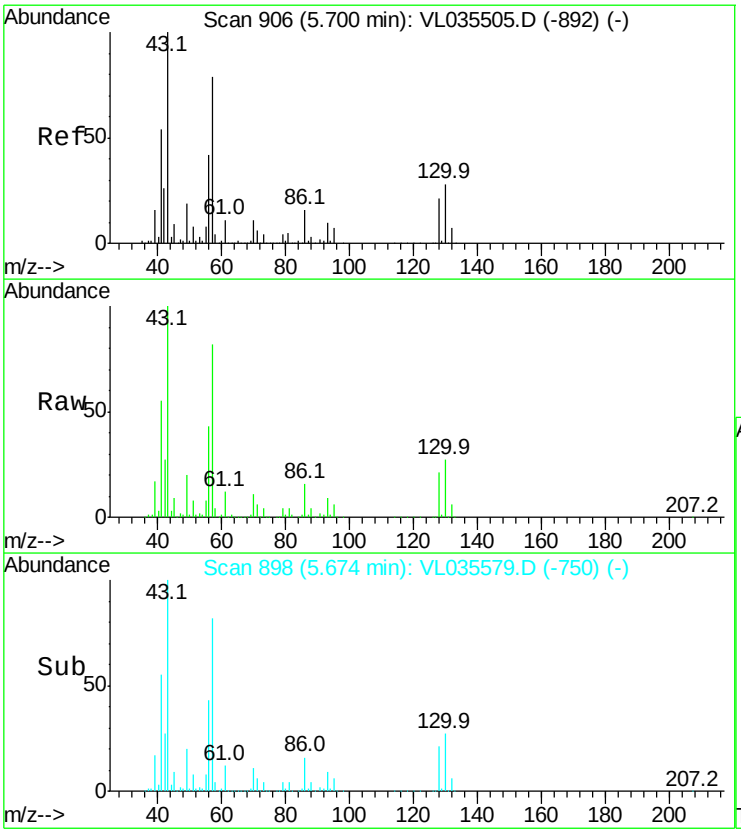
#25
Ethyl Acetate
Concen: 9.798 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2185707

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.4	12.6
61	13.6	10.6	16.0
70	11.9	9.4	14.2

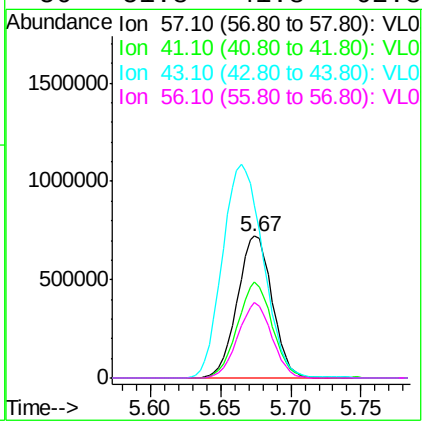


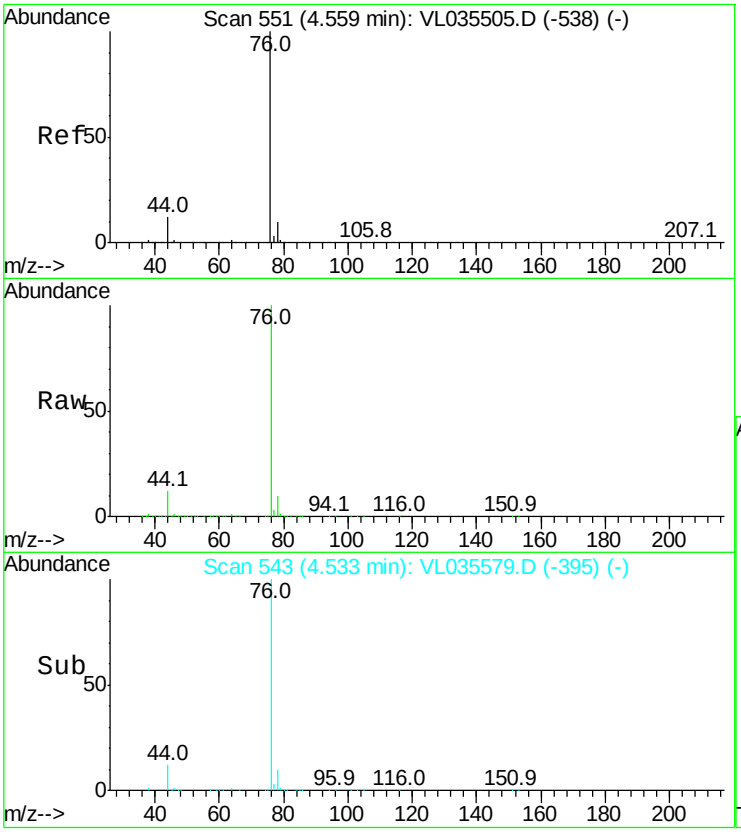


#26
Hexane
Concen: 9.895 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 57 Resp: 1250581

Ion	Ratio	Lower	Upper
57	100		
41	67.7	55.9	83.9
43	175.5	141.8	212.8
56	51.8	41.8	62.8



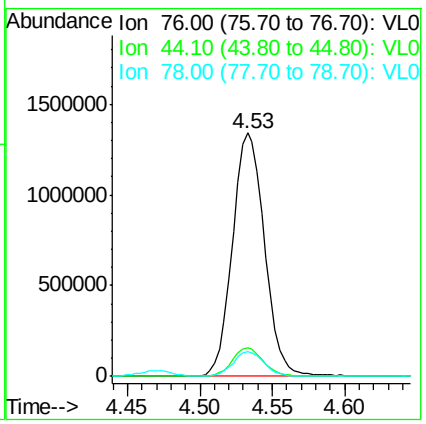


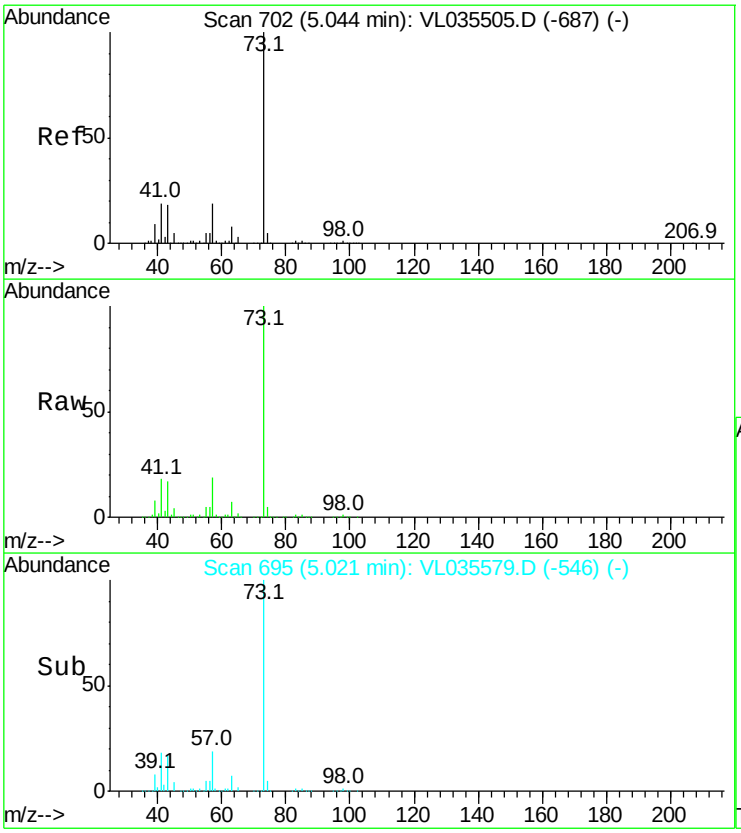
#27
Carbon Disulfide
Concen: 11.327 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 2054467

Ion	Ratio	Lower	Upper
76	100		
44	11.2	9.3	13.9
78	9.8	7.8	11.6

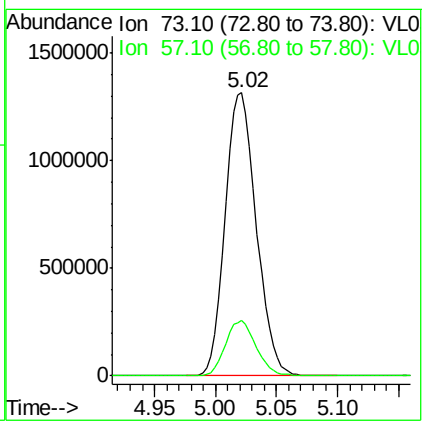


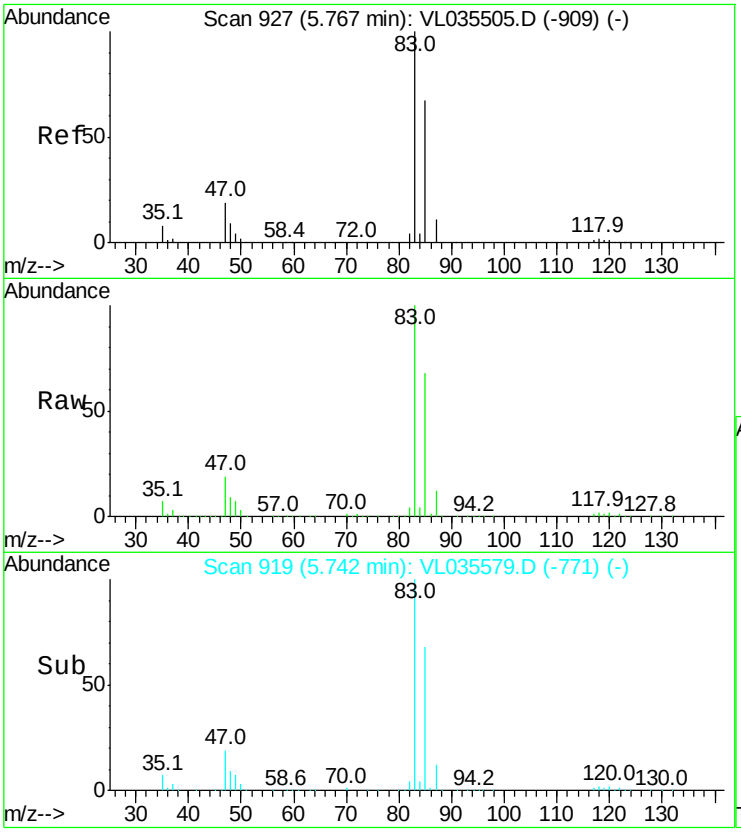


#28
Methyl tert-Butyl Ether
Concen: 10.657 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 73 Resp: 2347412

Ion	Ratio	Lower	Upper
73	100		
57	19.3	15.2	22.8



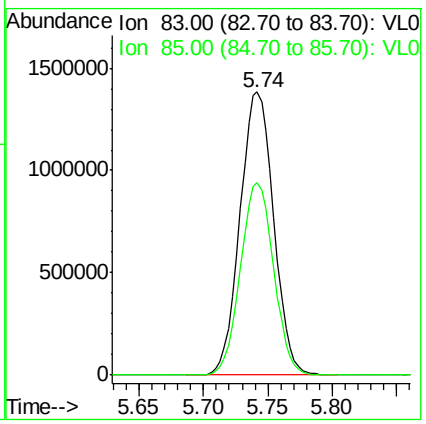


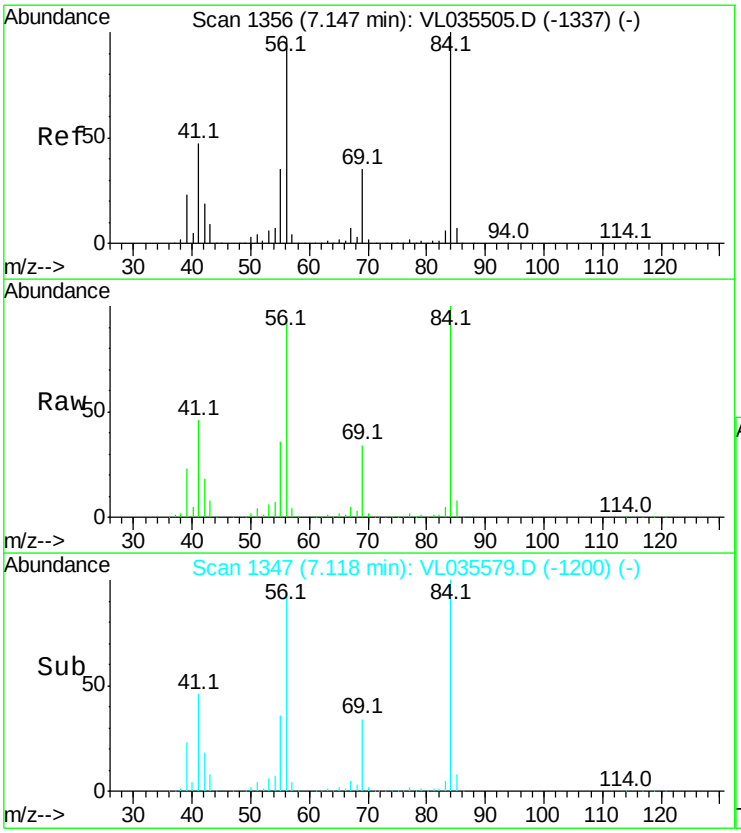
#29
Chloroform
Concen: 9.768 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2515290

Ion	Ratio	Lower	Upper
83	100		
85	68.1	53.9	80.9

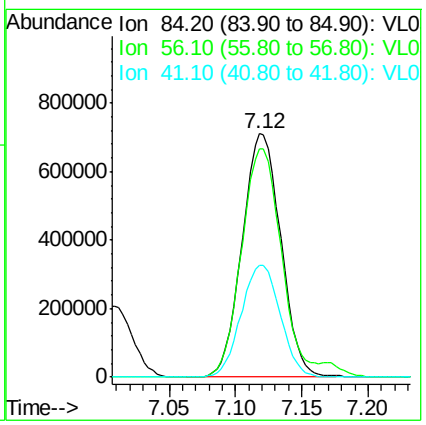


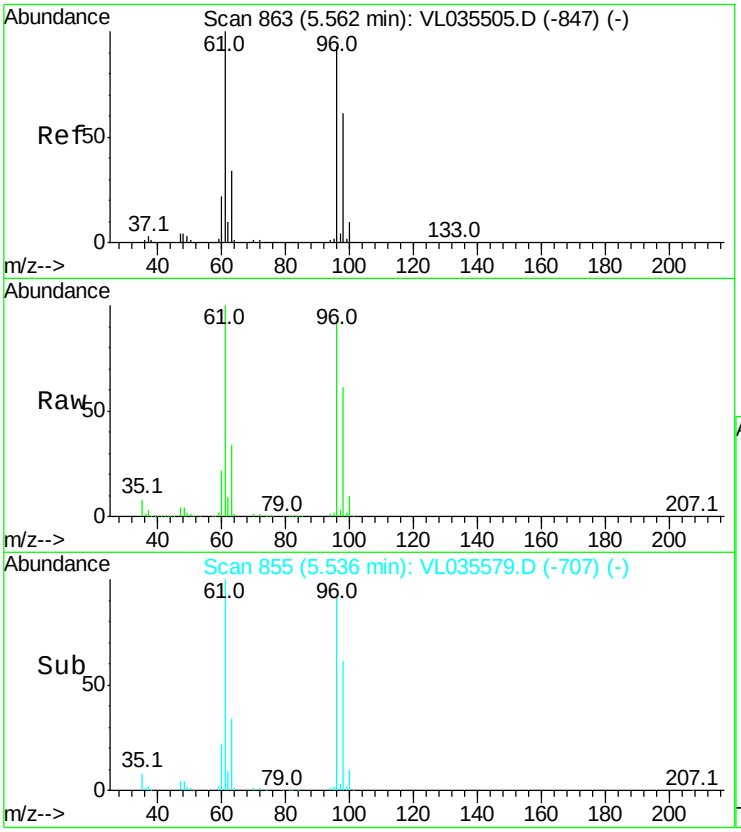


#30
Cyclohexane
Concen: 10.651 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 84 Resp: 1442097

Ion	Ratio	Lower	Upper
84	100		
56	100.1	80.1	120.1
41	46.7	38.1	57.1



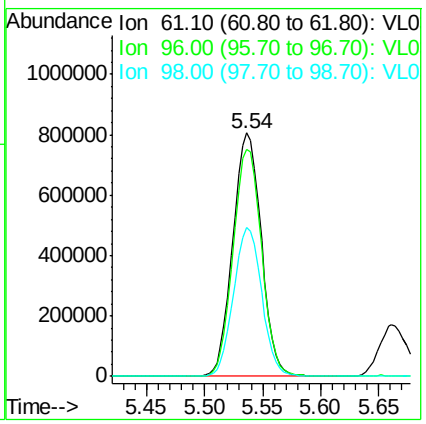


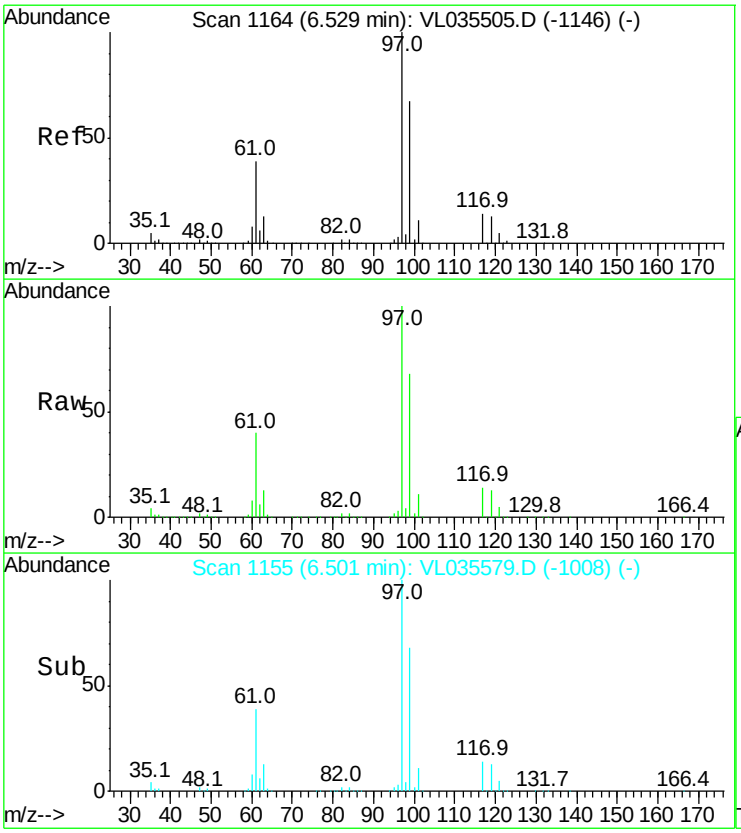
#31
cis-1,2-Dichloroethene
Concen: 10.551 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 61 Resp: 1368130

Ion	Ratio	Lower	Upper
61	100		
96	93.3	74.4	111.6
98	61.0	49.2	73.8

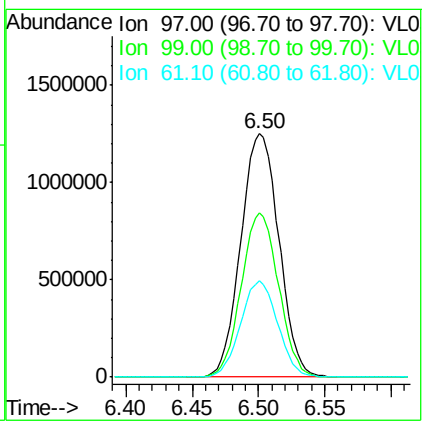


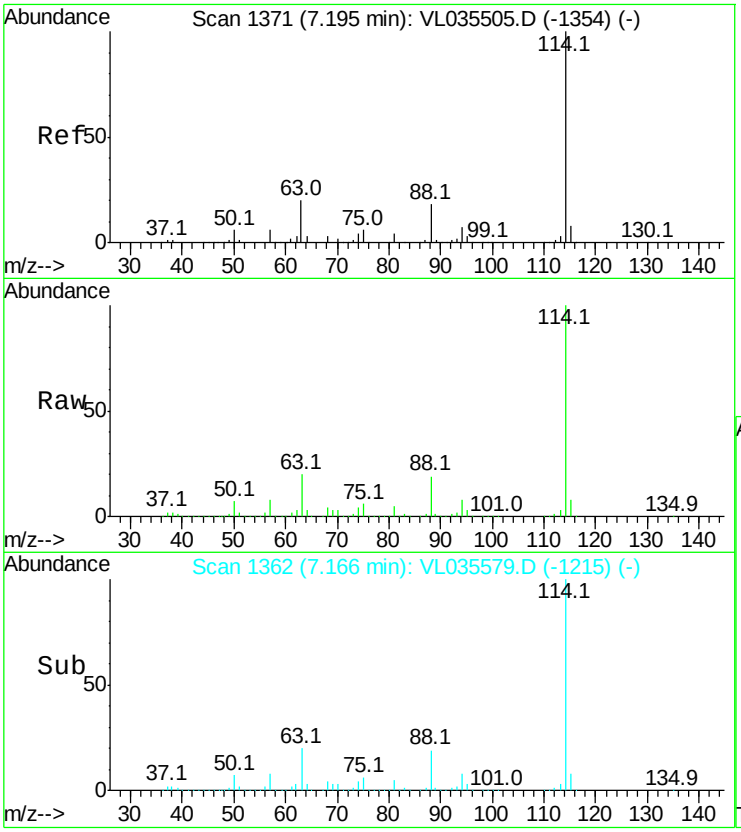


#32
1,1,1-Trichloroethane
Concen: 10.041 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 97 Resp: 2508245

Ion	Ratio	Lower	Upper
97	100		
99	66.0	53.3	79.9
61	38.5	30.6	46.0



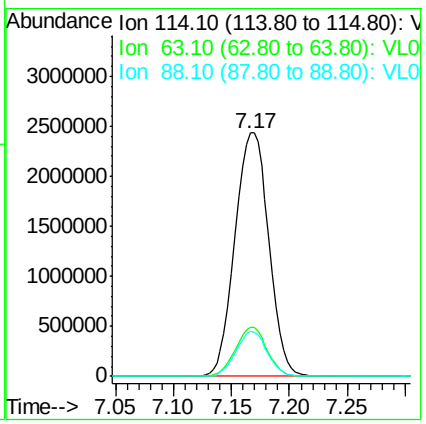


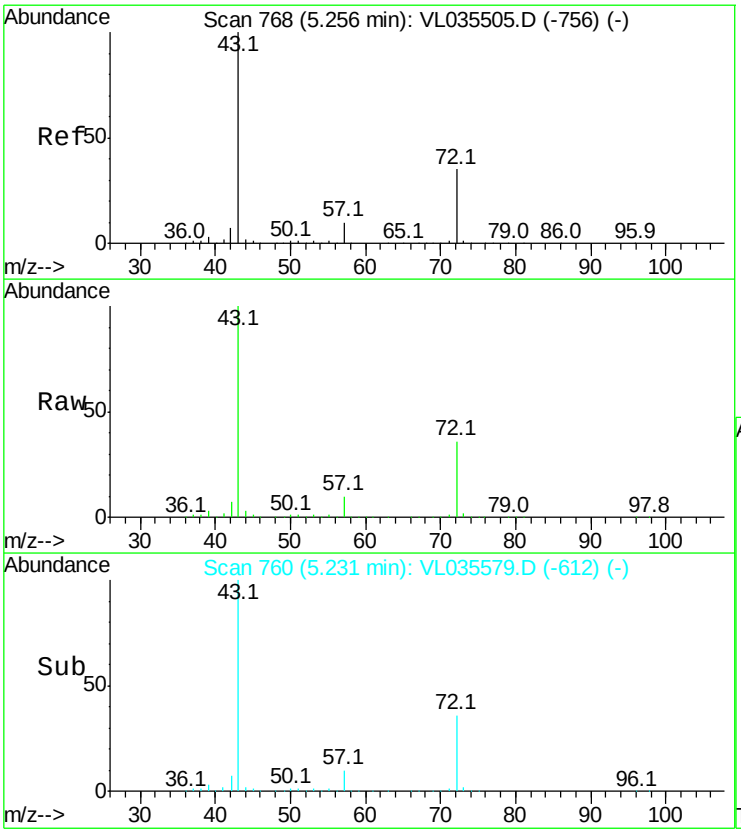
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 4931998

Ion	Ratio	Lower	Upper
114	100		
63	19.0	14.7	22.1
88	17.1	13.4	20.2

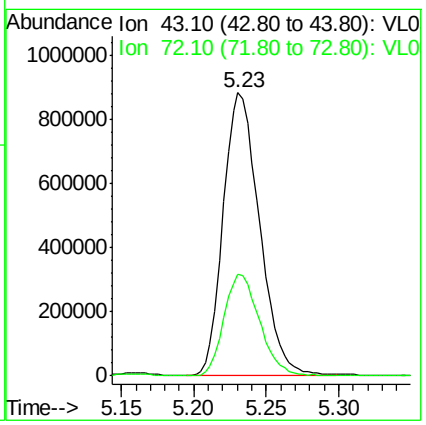


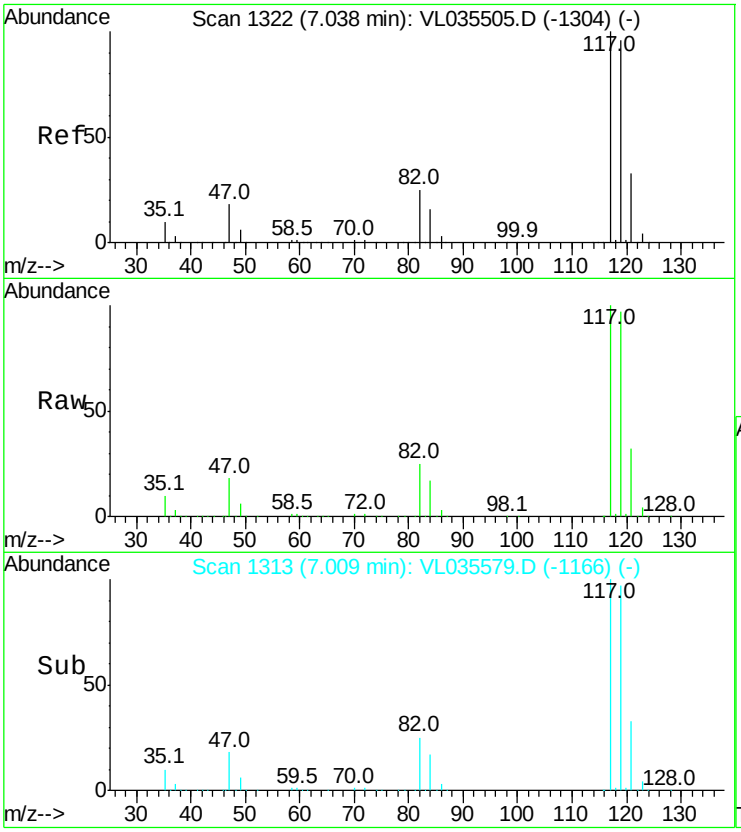


#34
2-Butanone
Concen: 10.403 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 43 Resp: 1522713

Ion	Ratio	Lower	Upper
43	100		
72	35.7	27.7	41.5



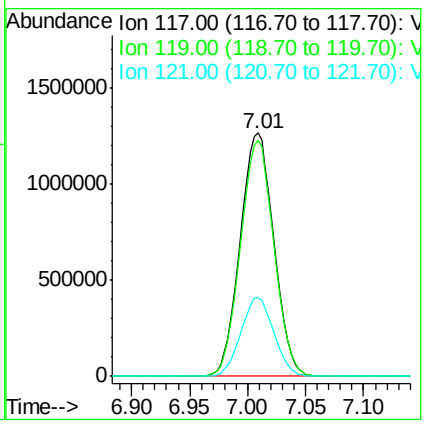


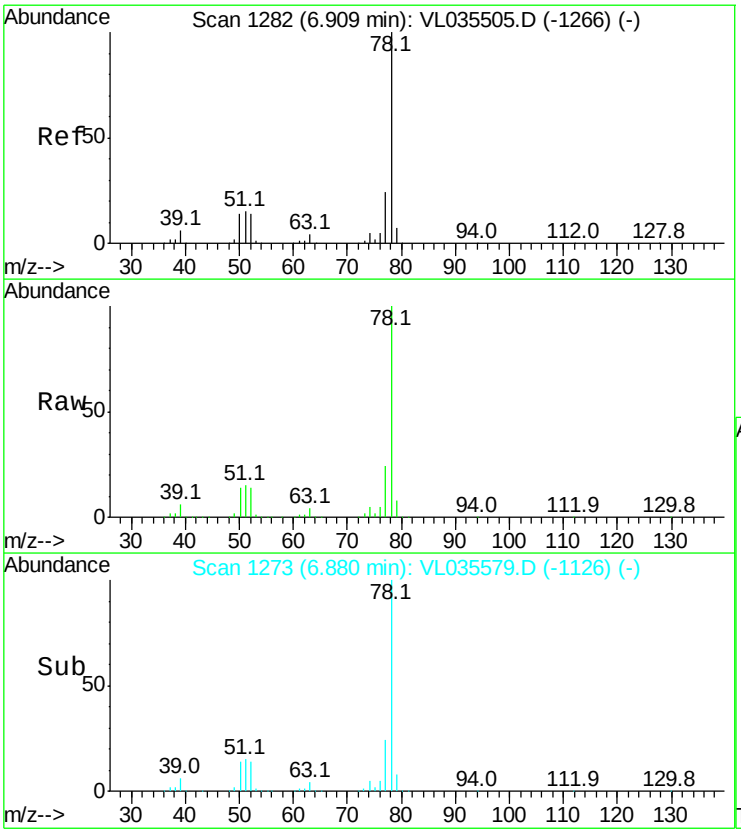
#35
Carbon Tetrachloride
Concen: 10.318 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2557702

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	32.5	26.1	39.1

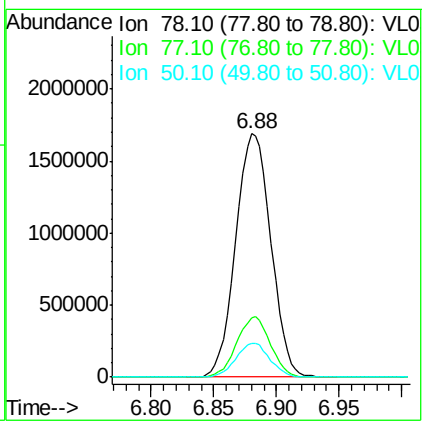


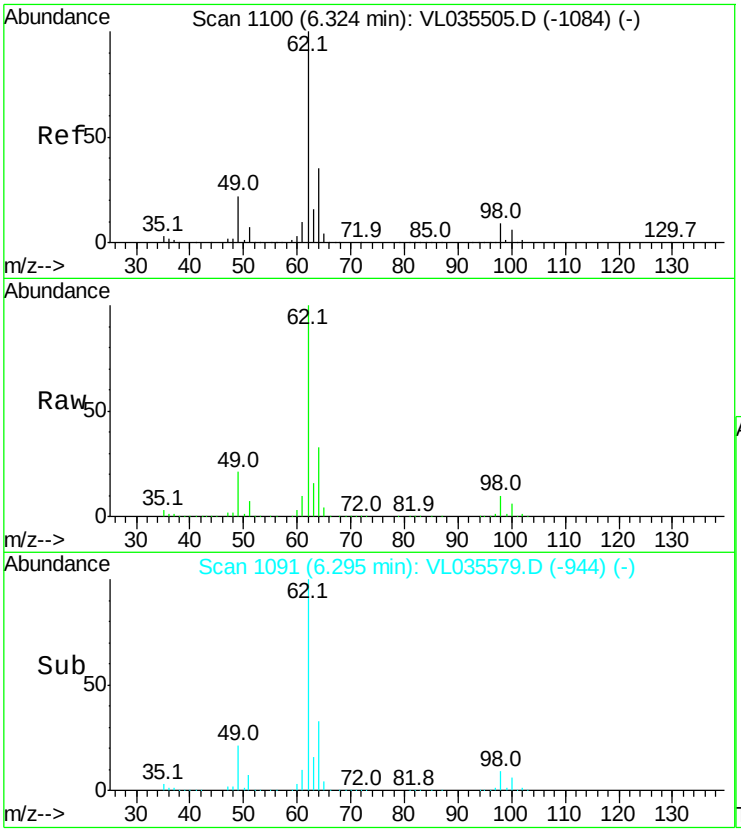


#36
Benzene
Concen: 10.312 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 78 Resp: 3292019

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9
50	13.7	11.0	16.6



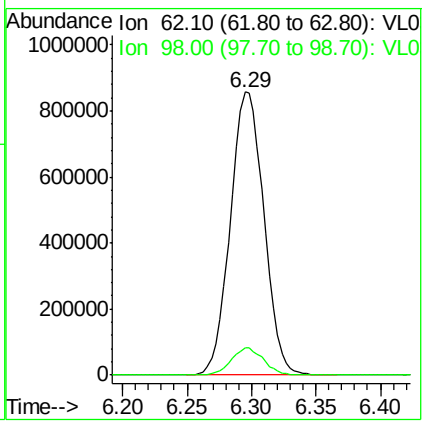


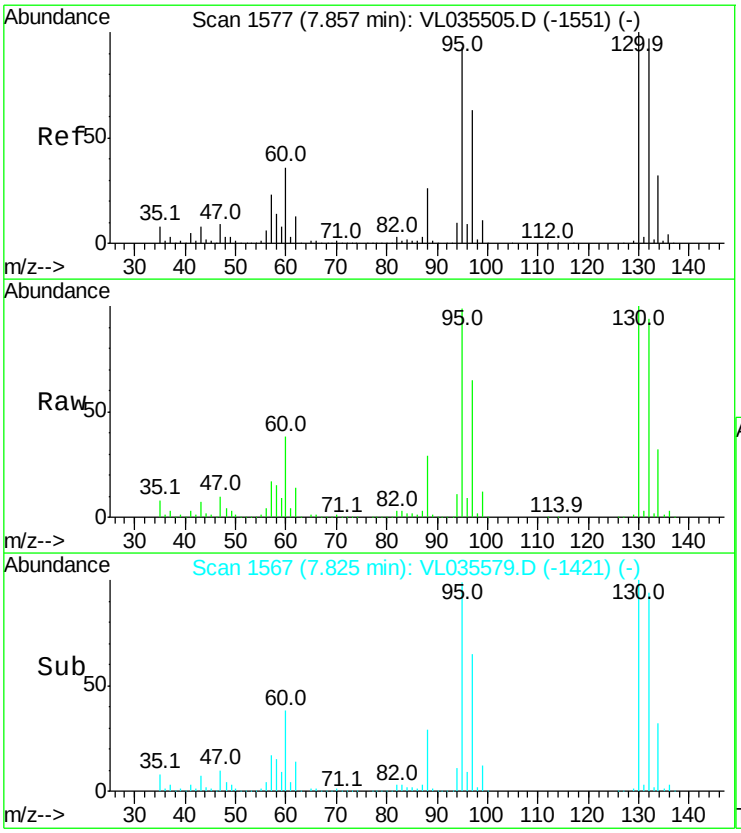
#37
1,2-Dichloroethane
Concen: 10.208 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1553674

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.4	11.0

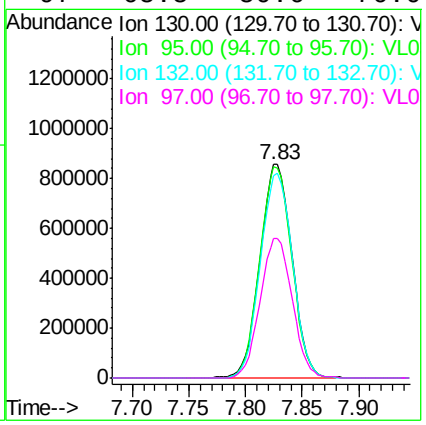


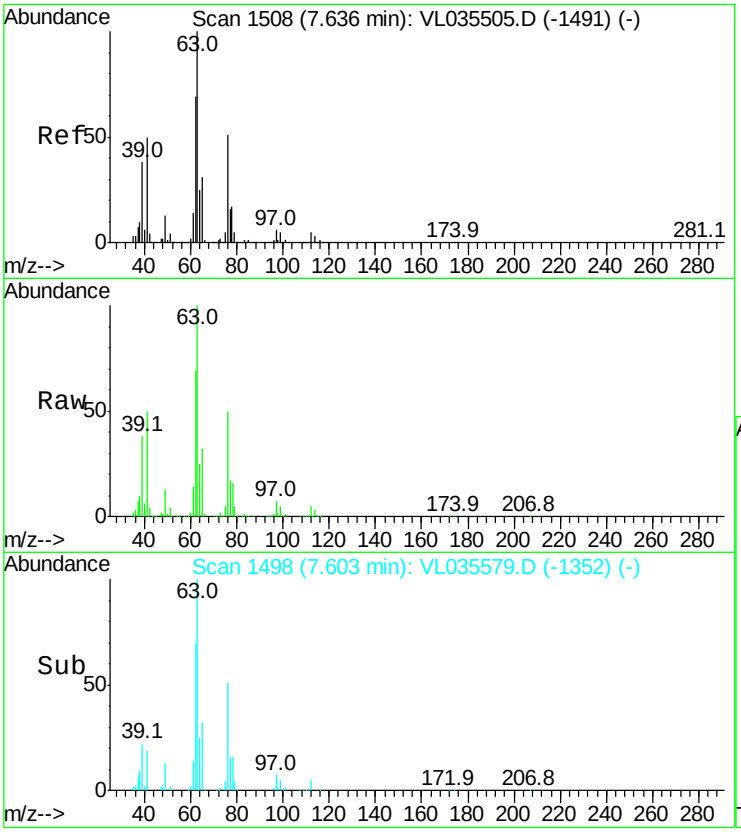


#38
Trichloroethene
Concen: 9.093 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:130 Resp: 1686274

Ion	Ratio	Lower	Upper
130	100		
95	99.0	74.6	112.0
132	94.5	77.6	116.4
97	65.5	50.6	76.0



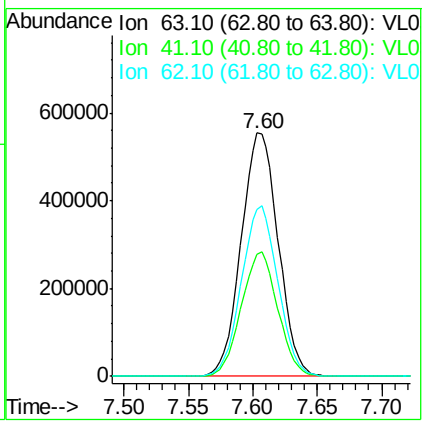


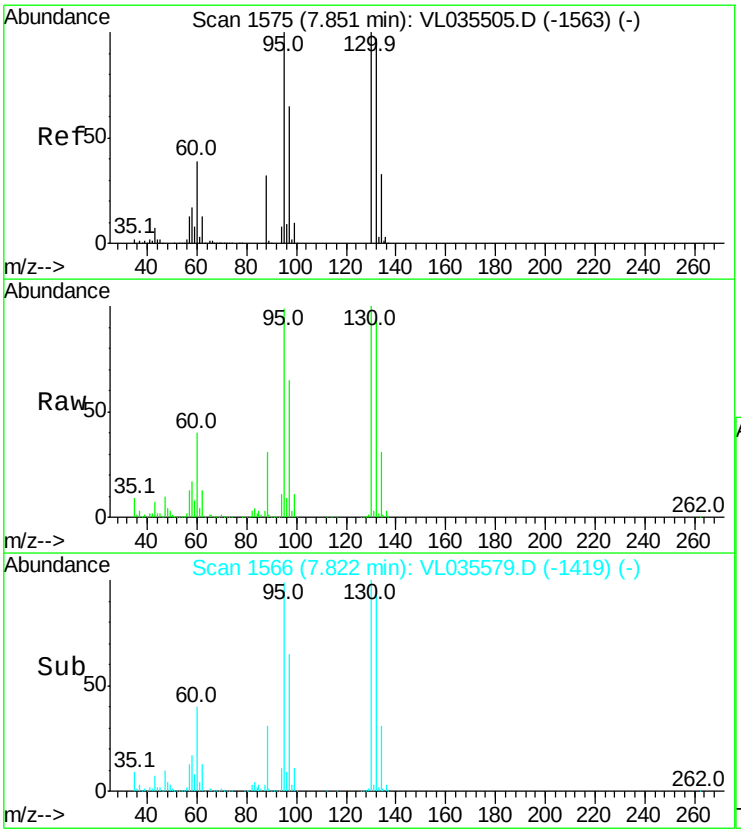
#39
1,2-Dichloropropane
Concen: 10.291 ppbv
RT: 7.60 min Scan# 1498
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 1109828

Ion	Ratio	Lower	Upper
63	100		
41	49.8	40.0	60.0
62	68.7	55.4	83.0

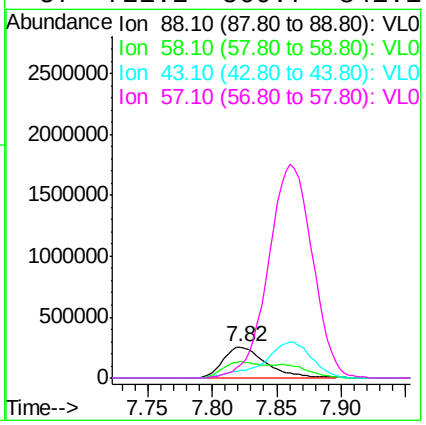


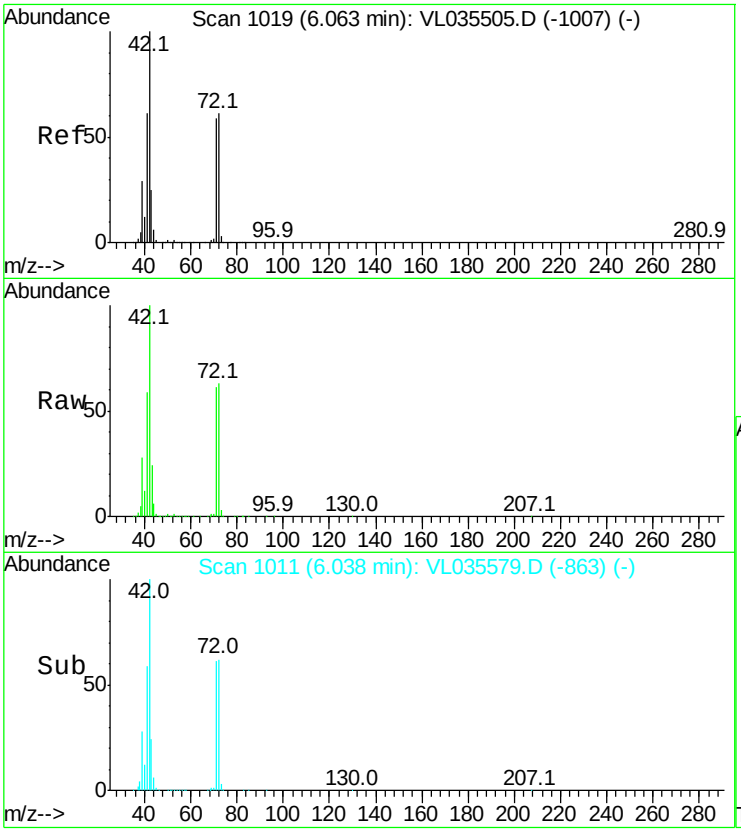


#40
1,4-Dioxane
Concen: 10.771 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 88 Resp: 580282

Ion	Ratio	Lower	Upper
88	100		
58	87.8	68.7	103.1
43	131.6	104.3	156.5
57	721.2	560.7	841.1



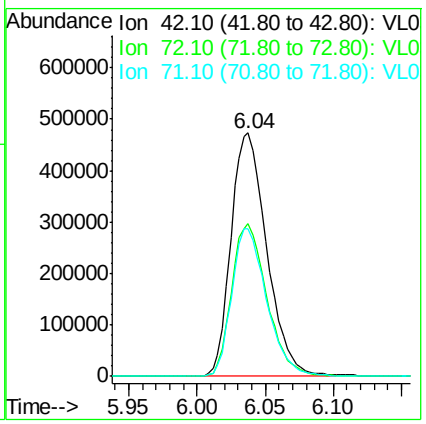


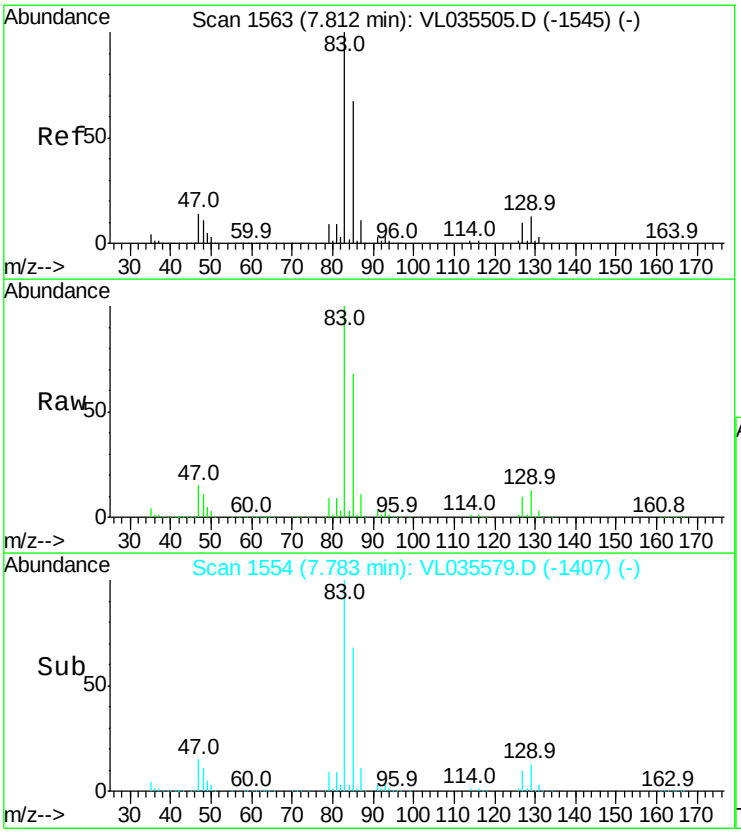
#41
Tetrahydrofuran
Concen: 11.098 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 861412

Ion	Ratio	Lower	Upper
42	100		
72	62.2	48.6	73.0
71	59.5	46.1	69.1

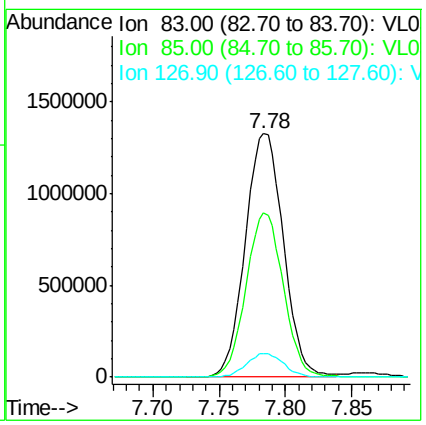


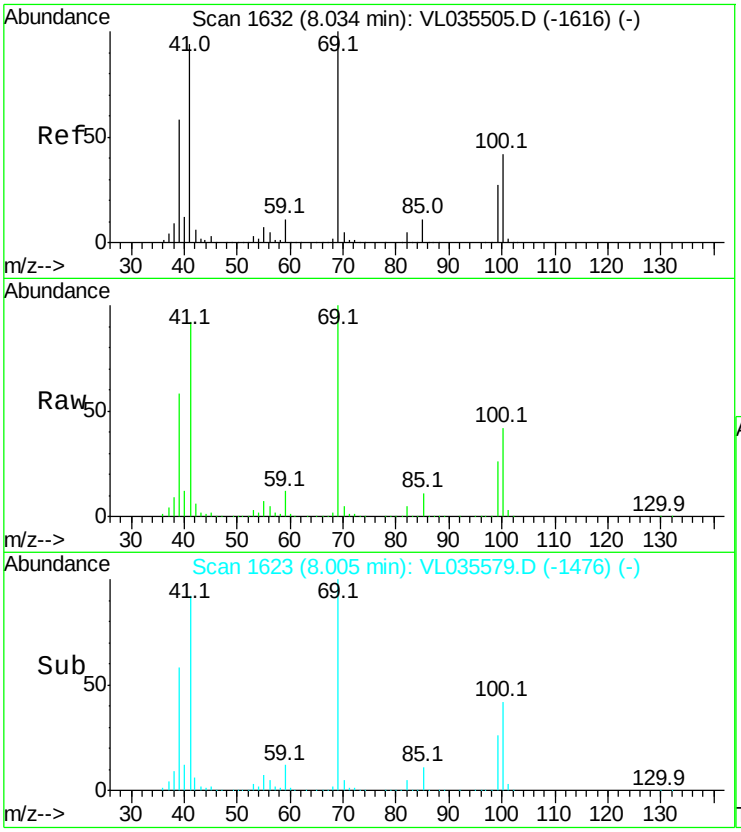


#42
Bromodichloromethane
Concen: 10.815 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 83 Resp: 2661878

Ion	Ratio	Lower	Upper
83	100		
85	67.7	53.7	80.5
127	9.7	8.1	12.1



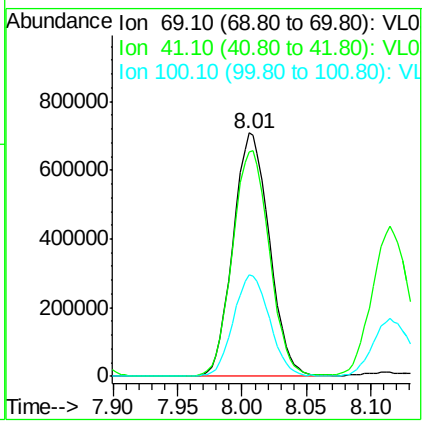


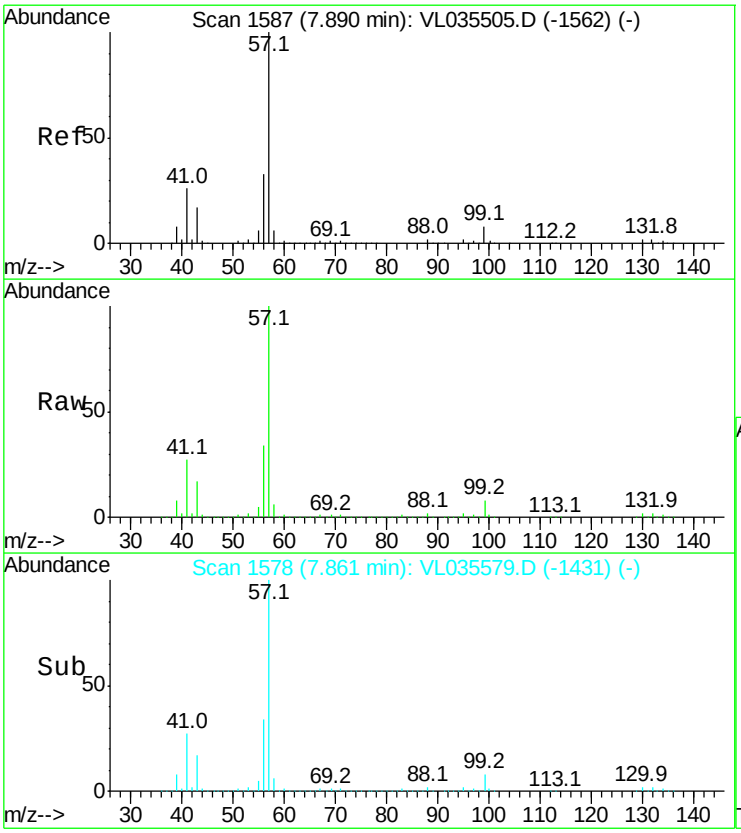
#43
Methyl Methacrylate
Concen: 11.256 ppbv
RT: 8.01 min Scan# 1623
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1389477

Ion	Ratio	Lower	Upper
69	100		
41	93.9	76.6	114.8
100	41.5	33.8	50.6

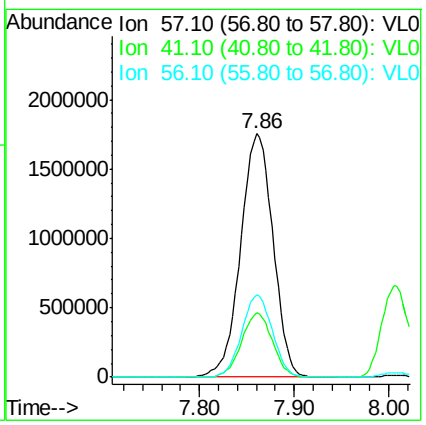


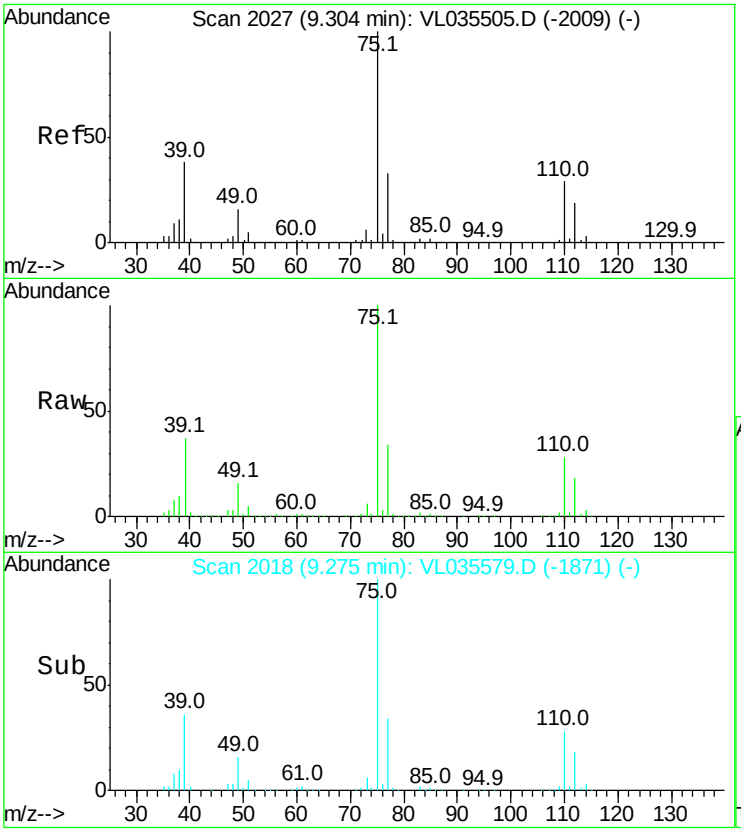


#44
2,2,4-Trimethylpentane
Concen: 9.952 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 57 Resp: 4180479

Ion	Ratio	Lower	Upper
57	100		
41	25.2	20.5	30.7
56	31.9	25.3	37.9



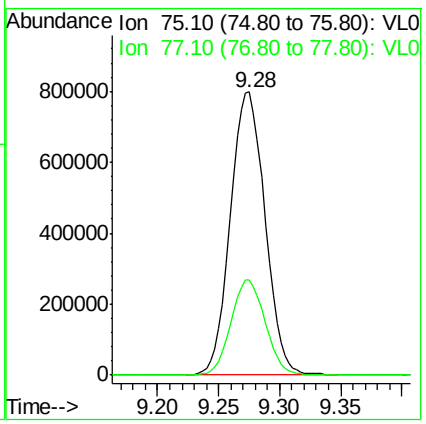


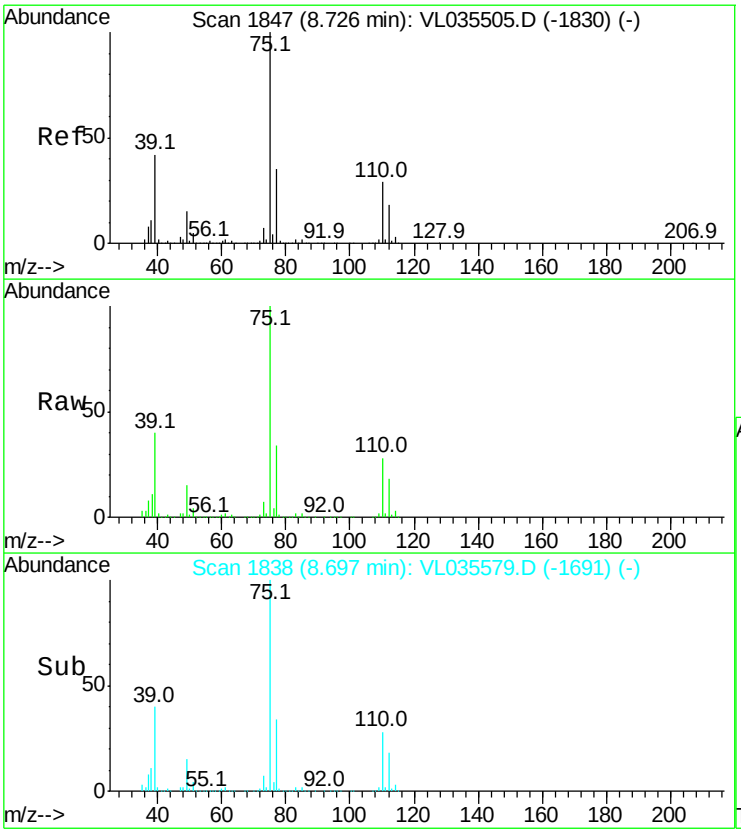
#45
t-1,3-Dichloropropene
Concen: 12.568 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 75 Resp: 1571756

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.5	39.7

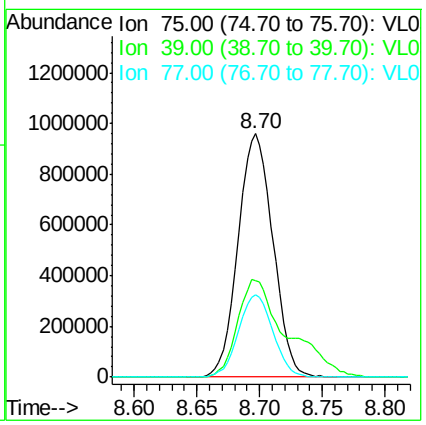


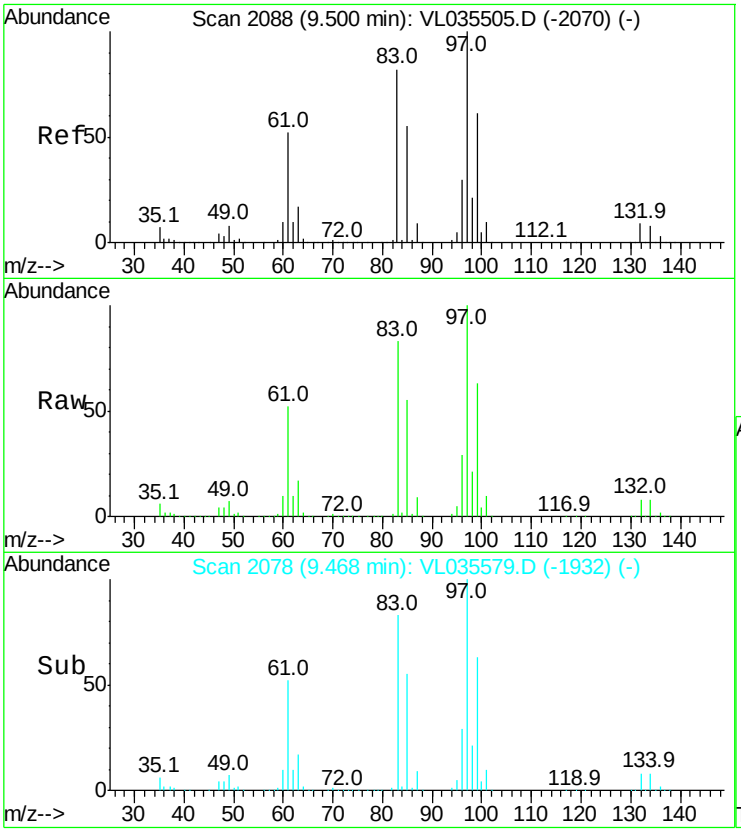


#46
cis-1,3-Dichloropropene
Concen: 11.940 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 75 Resp: 1853999

Ion	Ratio	Lower	Upper
75	100		
39	39.8	33.7	50.5
77	33.7	27.8	41.6



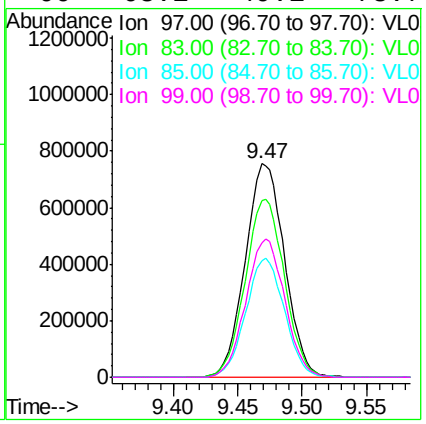


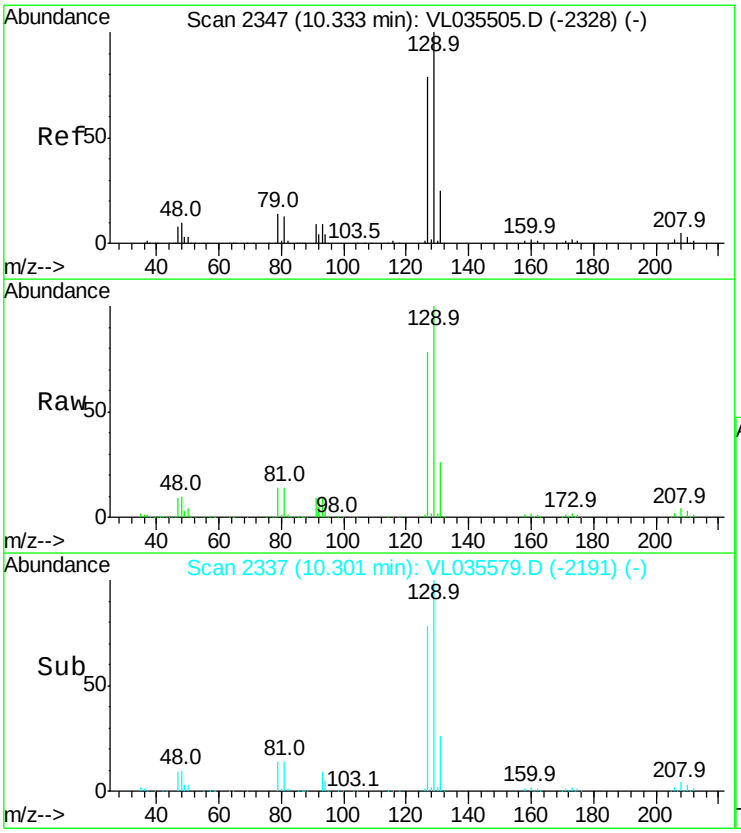
#47
1,1,2-Trichloroethane
Concen: 10.097 ppbv
RT: 9.47 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 1606805

Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.4	98.2
85	54.5	43.7	65.5
99	63.1	49.1	73.7

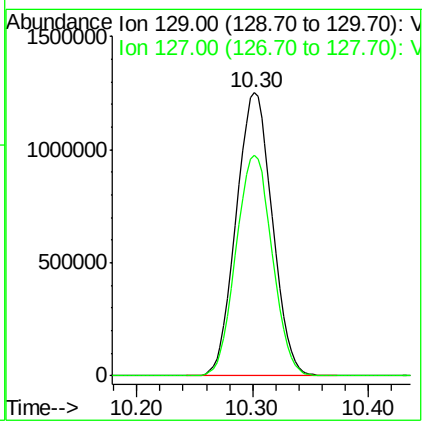


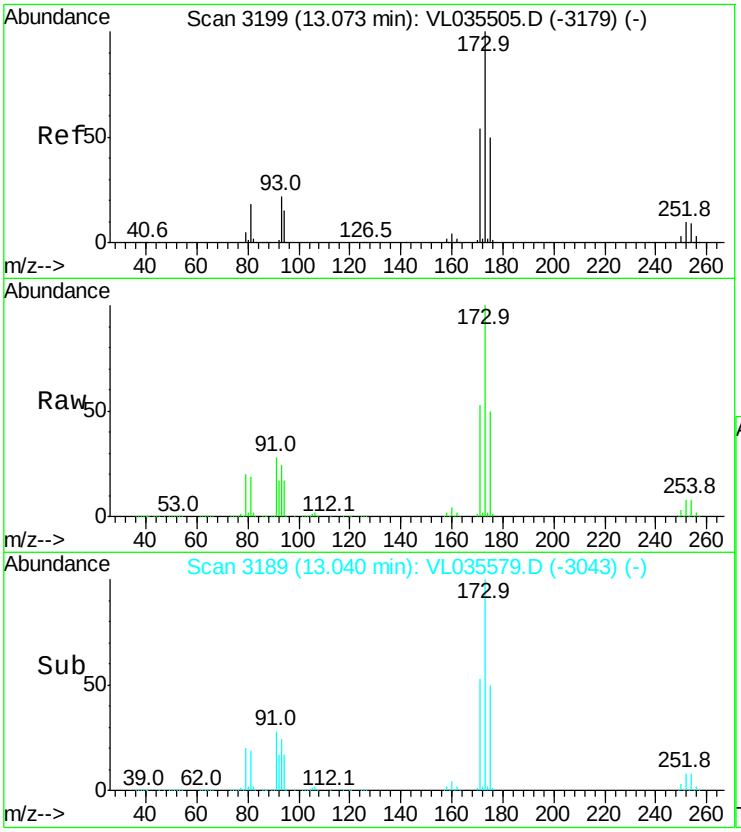


#48
Dibromochloromethane
Concen: 10.839 ppbv
RT: 10.30 min Scan# 2337
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:129 Resp: 2714679

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.3	117.8



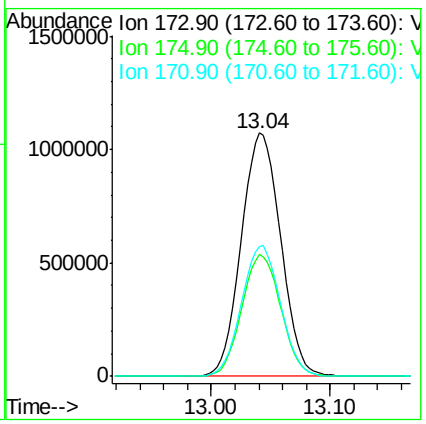


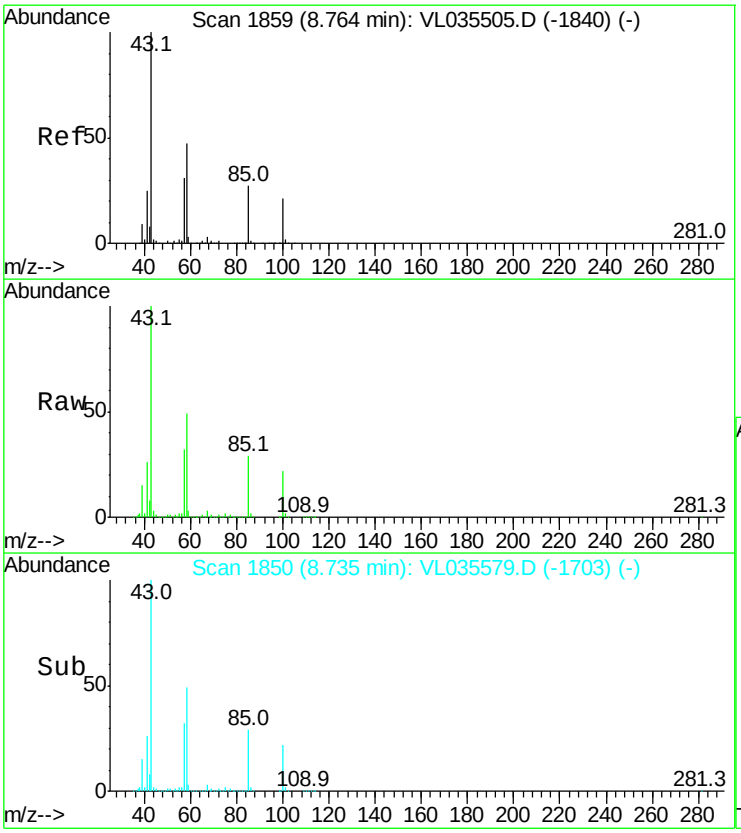
#49
Bromoform
Concen: 10.847 ppbv
RT: 13.04 min Scan# 3189
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 2462199

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.8	59.8
171	53.2	42.4	63.6

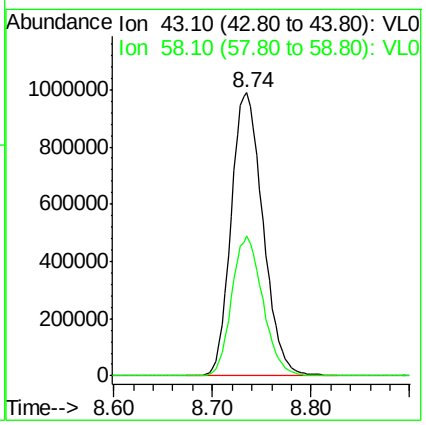


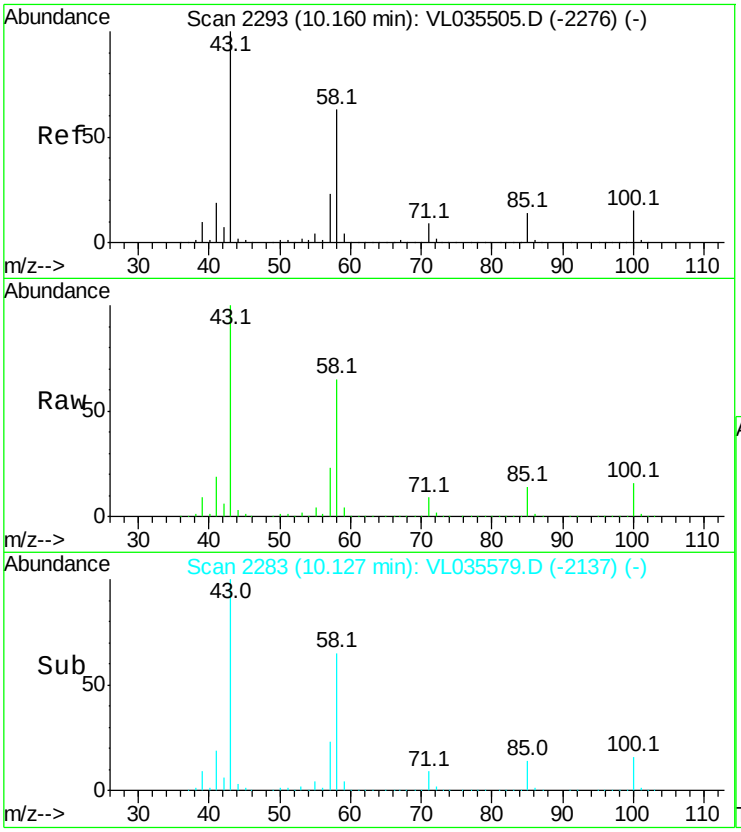


#50
4-Methyl-2-Pentanone
Concen: 10.477 ppbv
RT: 8.74 min Scan# 1850
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 43 Resp: 2220470

Ion	Ratio	Lower	Upper
43	100		
58	48.1	37.4	56.0



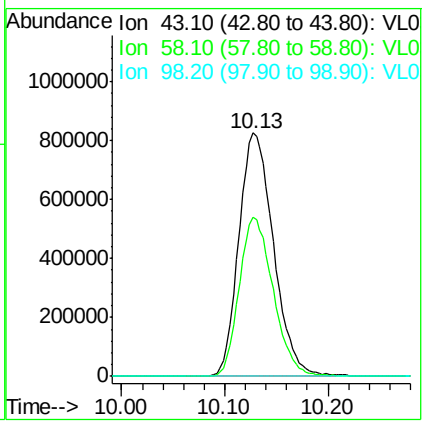


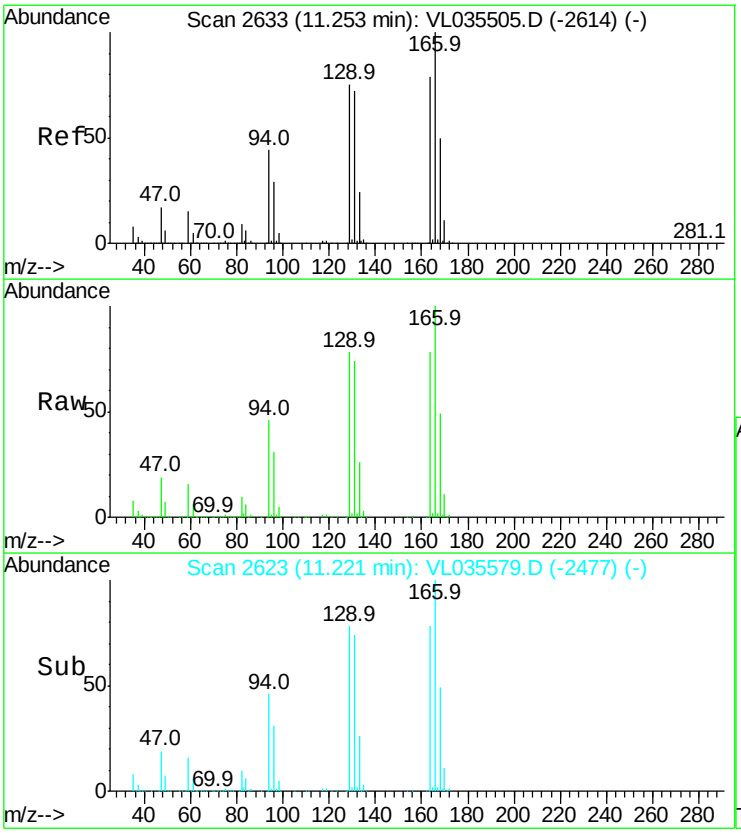
#51
2-Hexanone
Concen: 11.104 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1930491

Ion	Ratio	Lower	Upper
43	100		
58	64.4	50.2	75.4
98	0.4	0.4	0.6#

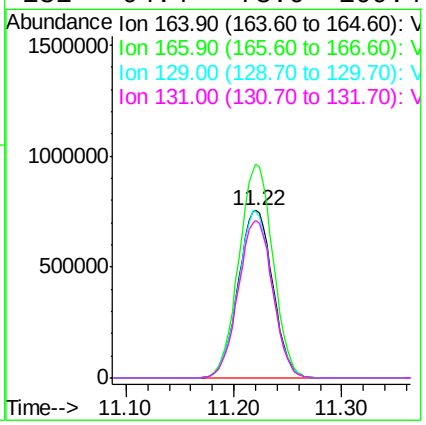


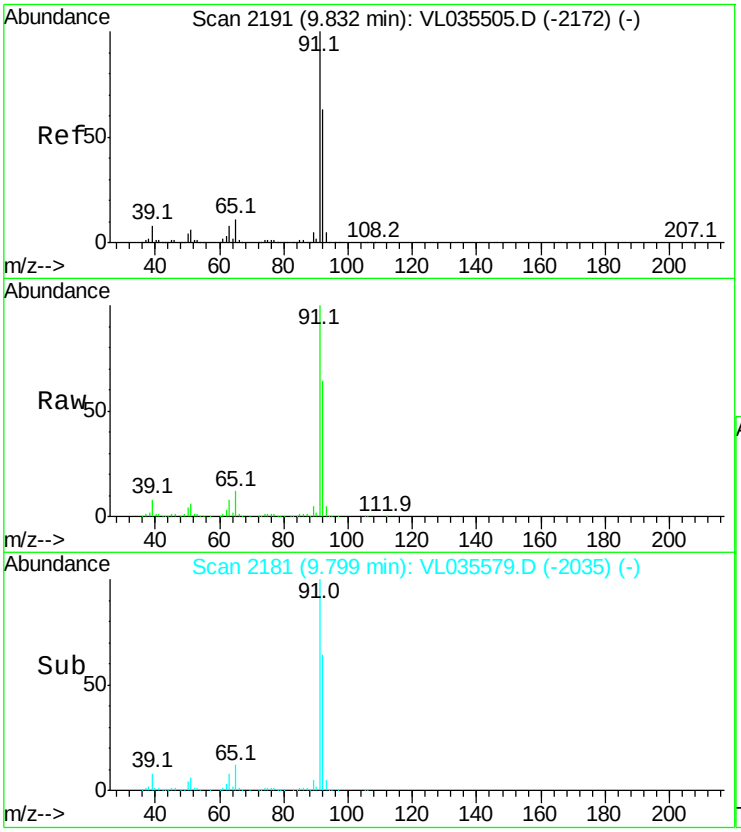


#52
Tetrachloroethene
Concen: 8.996 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:164 Resp: 1677757

Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.9	151.3
129	99.8	75.3	112.9
131	94.4	73.0	109.4



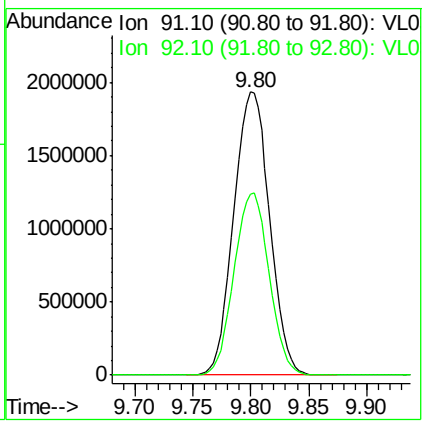


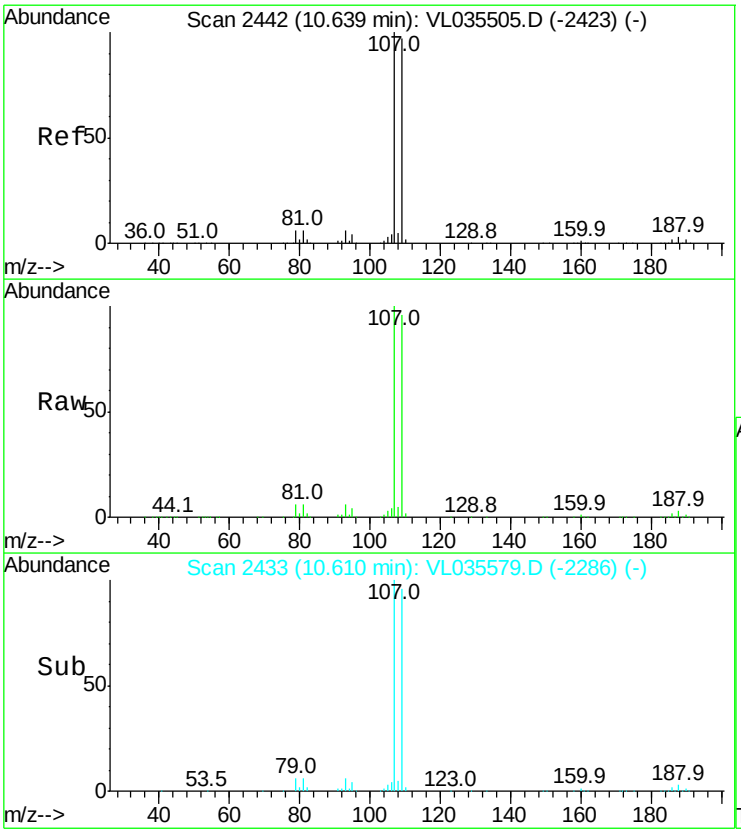
#53
Toluene
Concen: 10.378 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 4166498

Ion	Ratio	Lower	Upper
91	100		
92	63.0	49.8	74.8

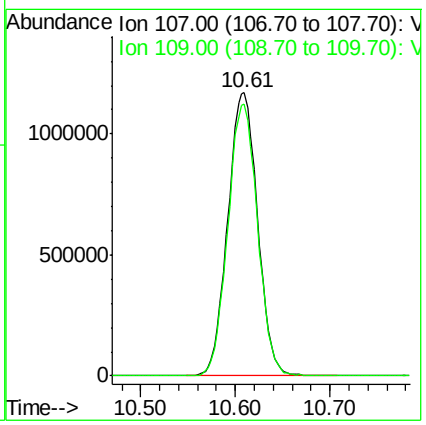


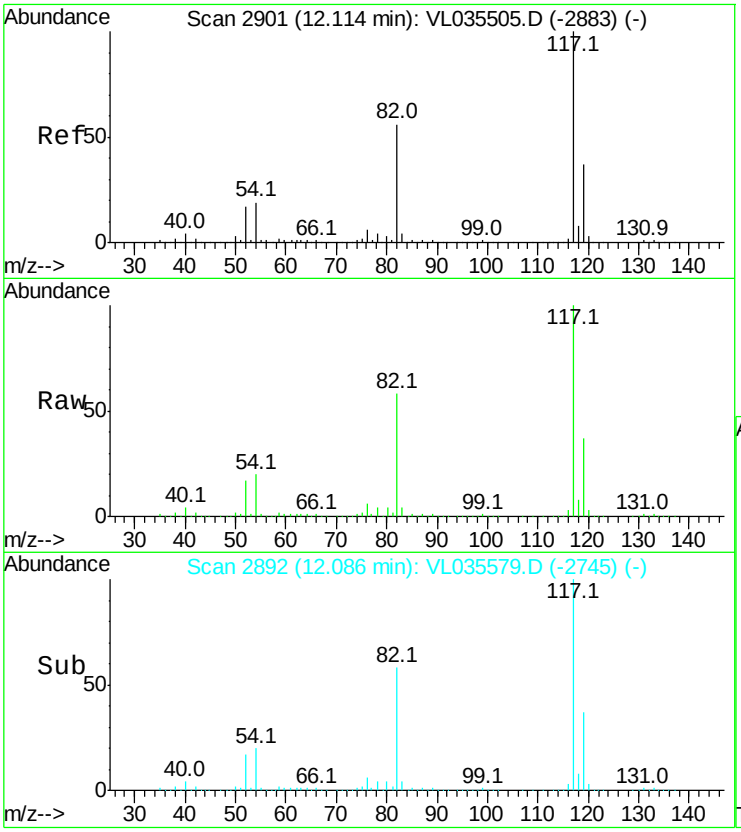


#54
1,2-Dibromoethane
Concen: 10.190 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:107 Resp: 2562231

Ion	Ratio	Lower	Upper
107	100		
109	95.9	77.8	116.8



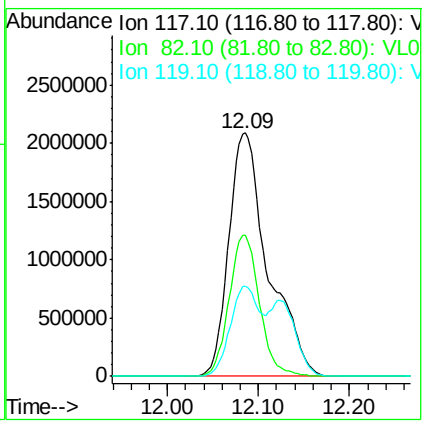


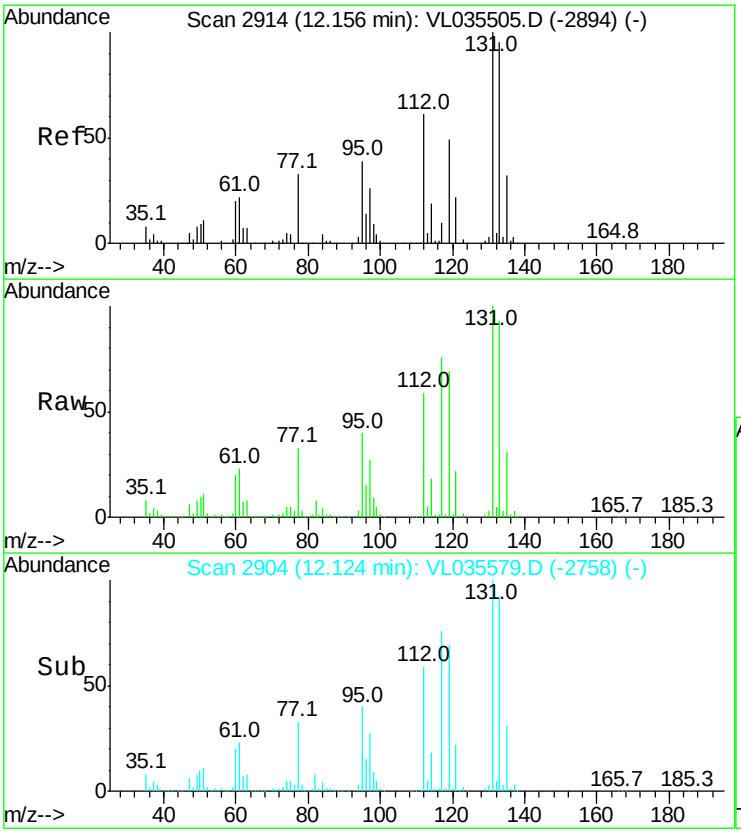
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 6273692

Ion	Ratio	Lower	Upper
117	100		
82	44.7	41.6	62.4
119	28.5	29.3	43.9#

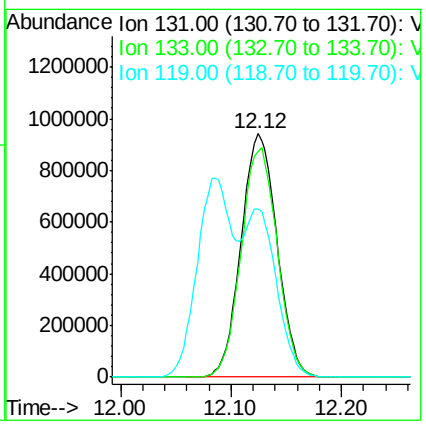


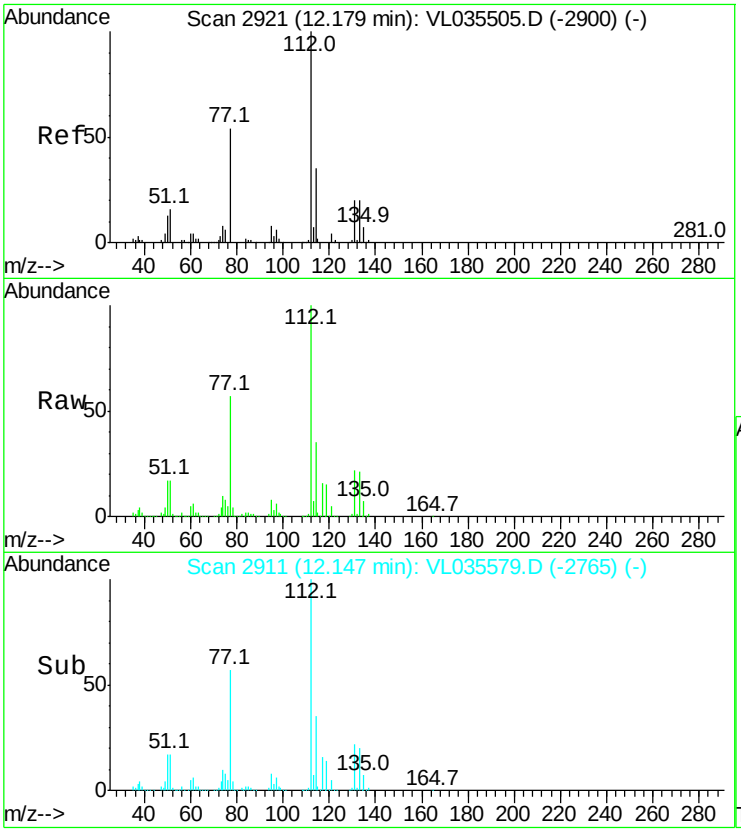


#56
1,1,1,2-Tetrachloroethane
Concen: 8.322 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:131 Resp: 2124444

Ion	Ratio	Lower	Upper
131	100		
133	95.1	76.6	115.0
119	56.3	51.6	77.4



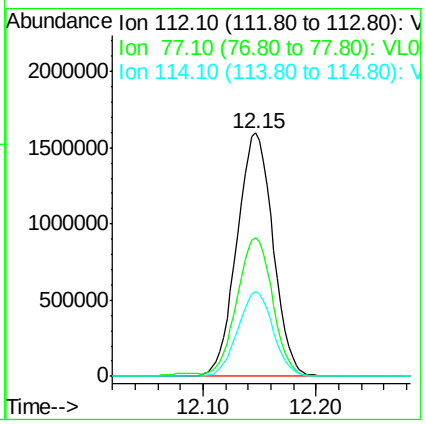


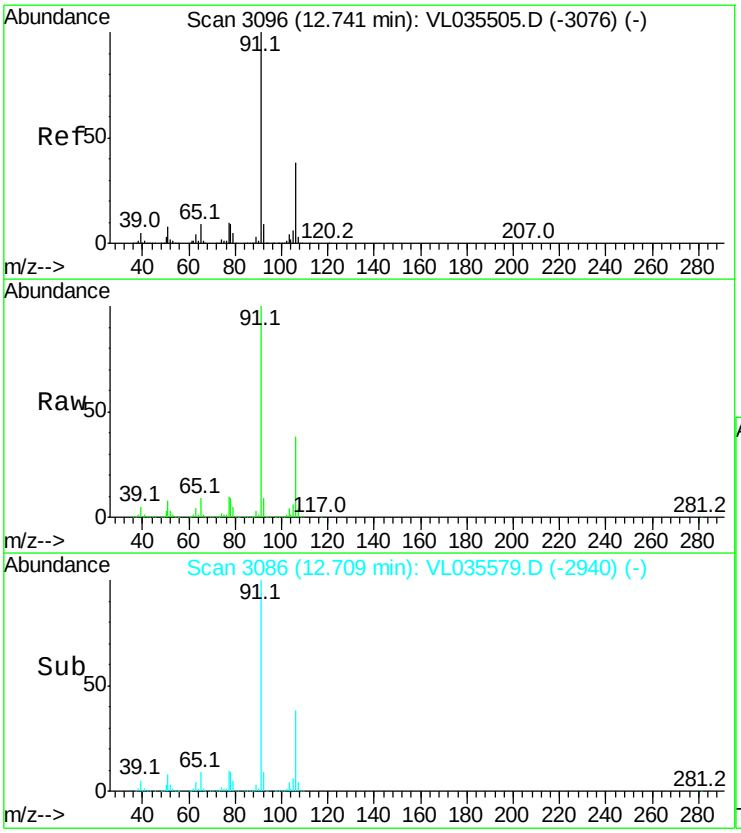
#57
Chlorobenzene
Concen: 7.668 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 3540292

Ion	Ratio	Lower	Upper
112	100		
77	56.7	44.2	66.4
114	35.1	31.6	38.6

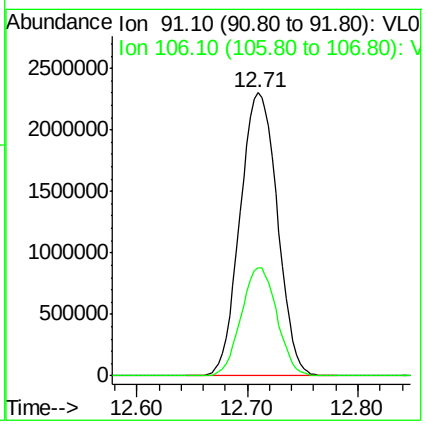


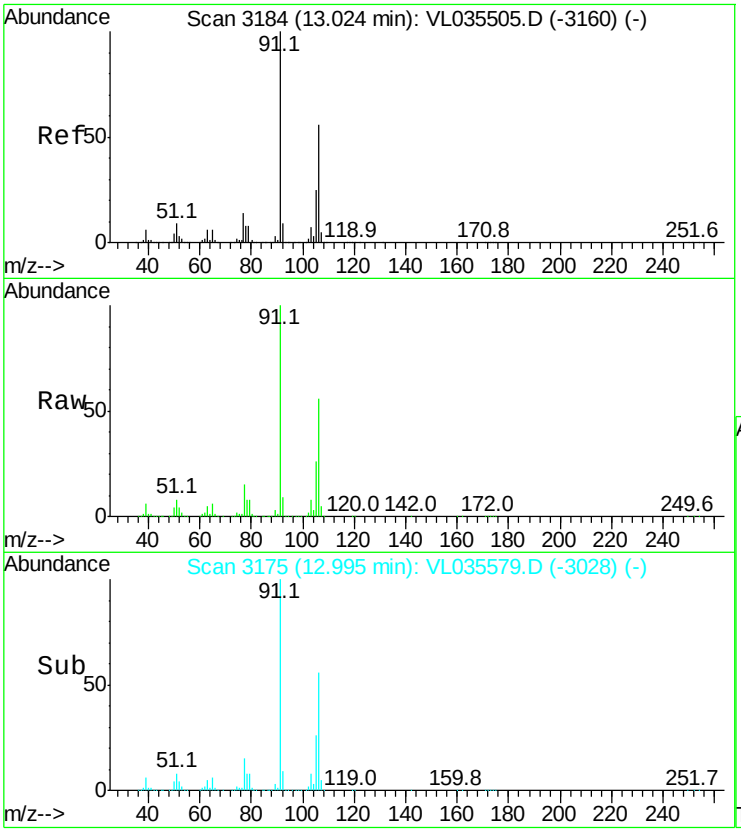


#58
Ethyl Benzene
Concen: 8.352 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 91 Resp: 5403235

Ion	Ratio	Lower	Upper
91	100		
106	38.0	30.3	45.5



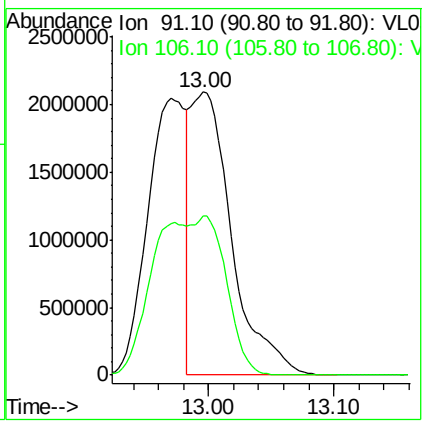


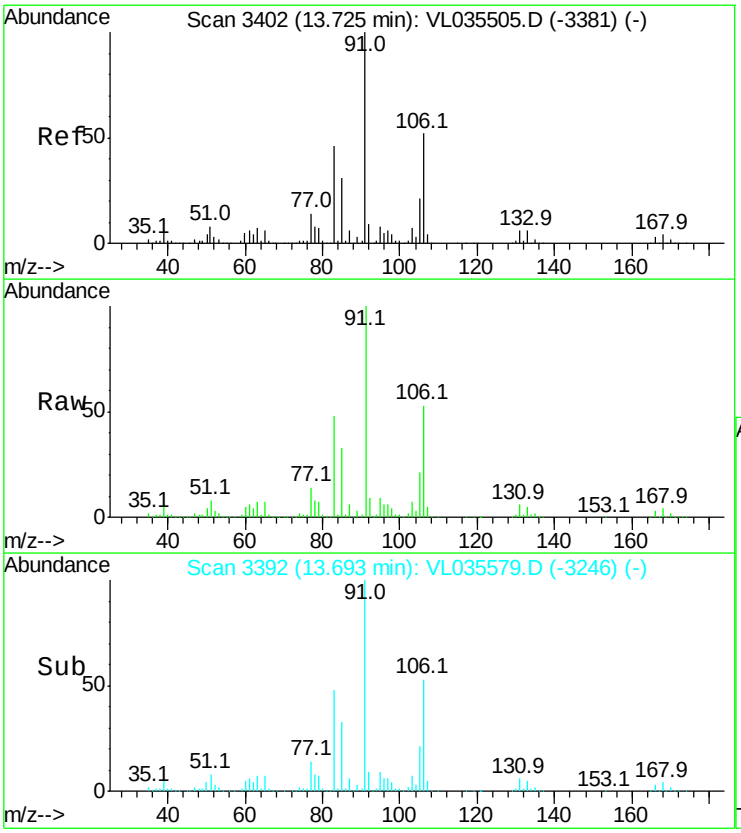
#59
m/p-Xylene
Concen: 8.731 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4720099

Ion	Ratio	Lower	Upper
91	100		
106	99.6	43.4	65.2#

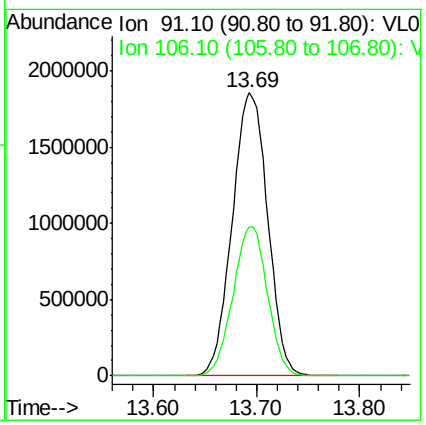


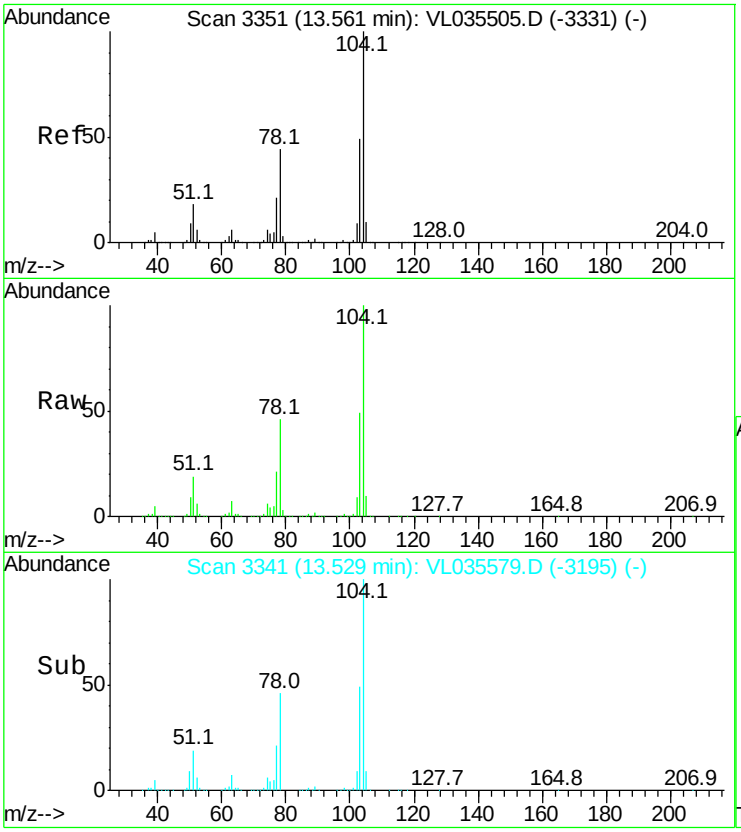


#60
o-Xylene
Concen: 8.139 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 91 Resp: 4431236

Ion	Ratio	Lower	Upper
91	100		
106	51.4	25.8	77.4



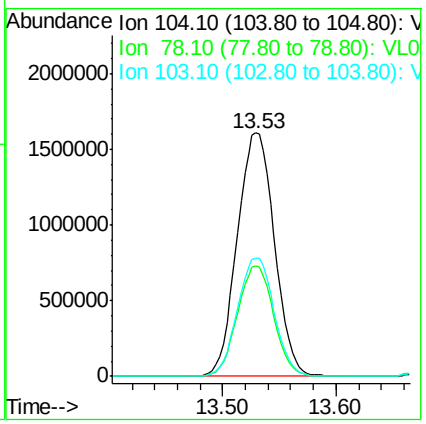


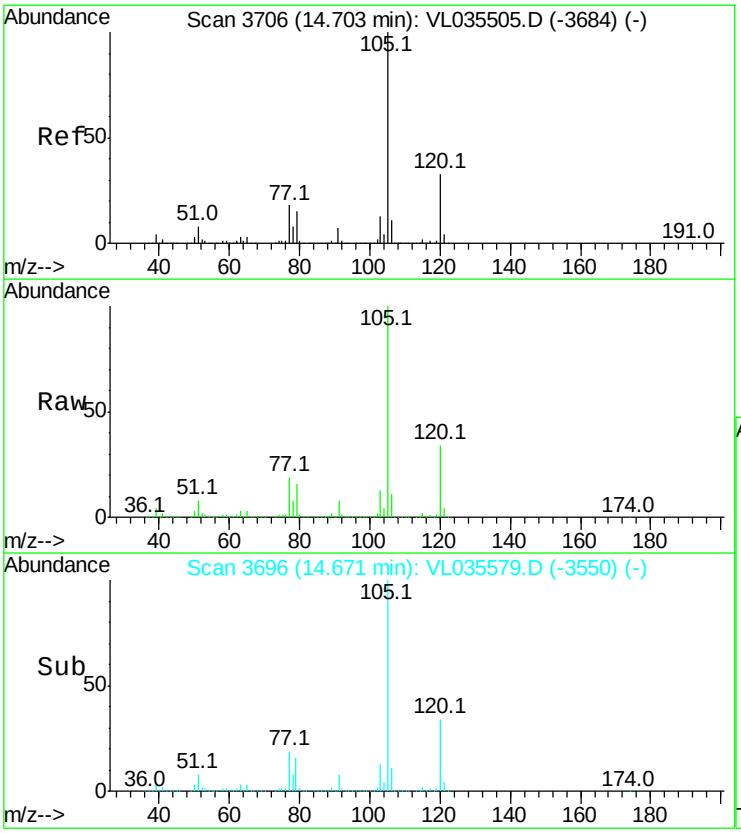
#61
Styrene
Concen: 8.828 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 3676160

Ion	Ratio	Lower	Upper
104	100		
78	44.3	34.8	52.2
103	48.0	38.2	57.4

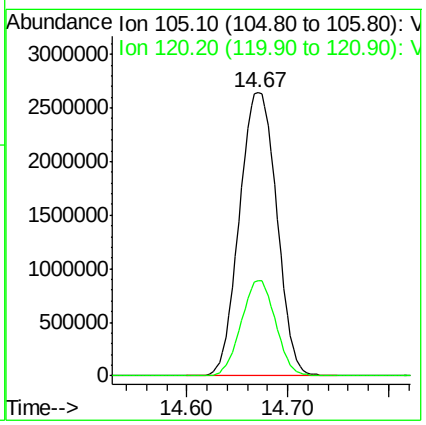


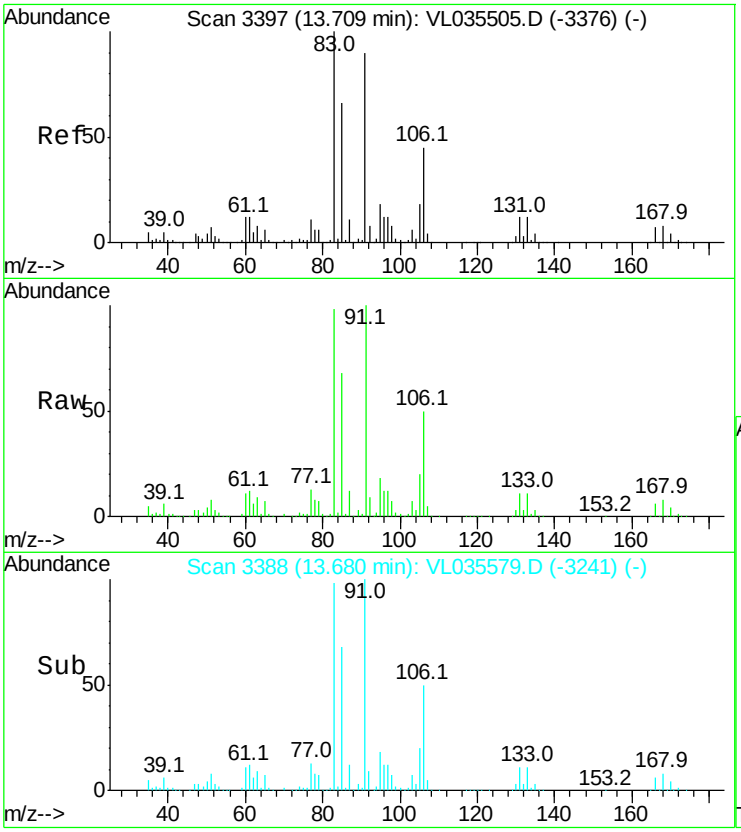


#62
Isopropylbenzene
Concen: 7.739 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:105 Resp: 6768651

Ion	Ratio	Lower	Upper
105	100		
120	31.1	25.0	37.4



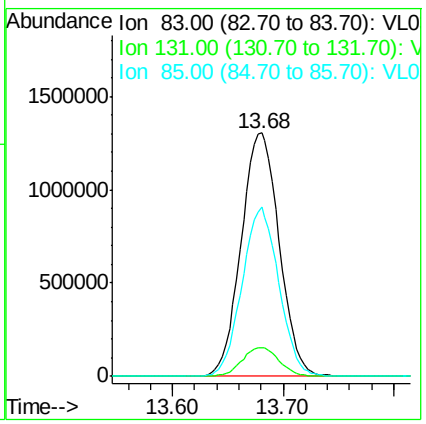


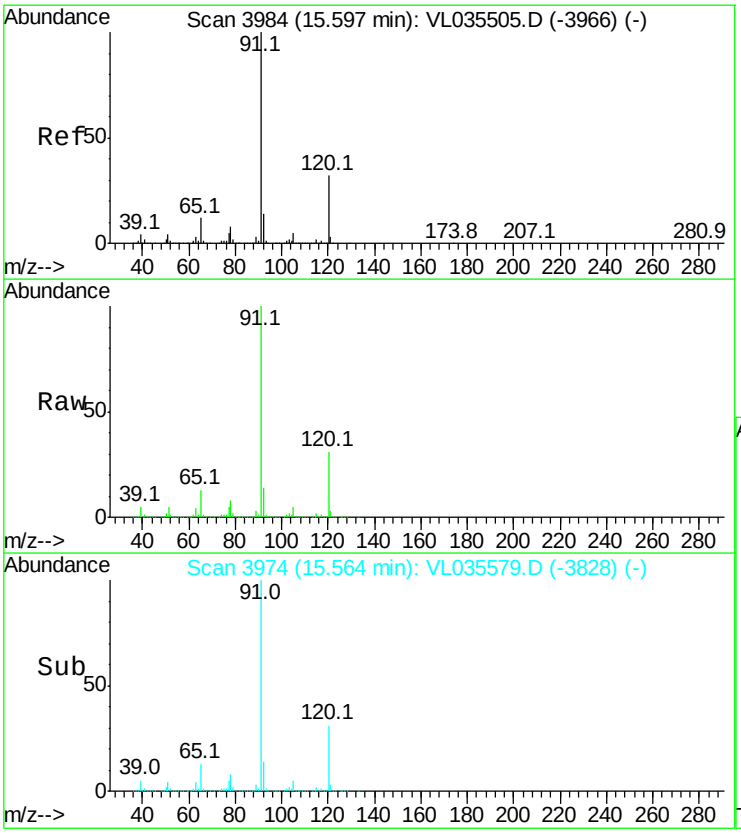
#63
1,1,2,2-Tetrachloroethane
Concen: 7.383 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 3116514

Ion	Ratio	Lower	Upper
83	100		
131	11.6	6.0	18.0
85	67.3	33.4	100.2

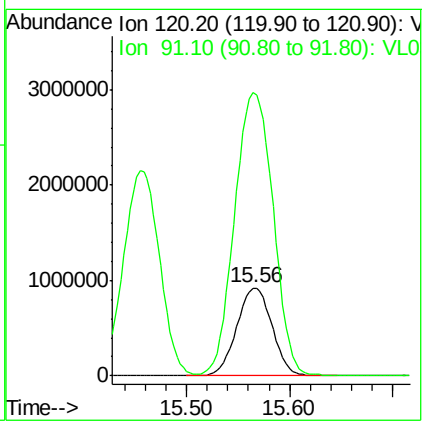


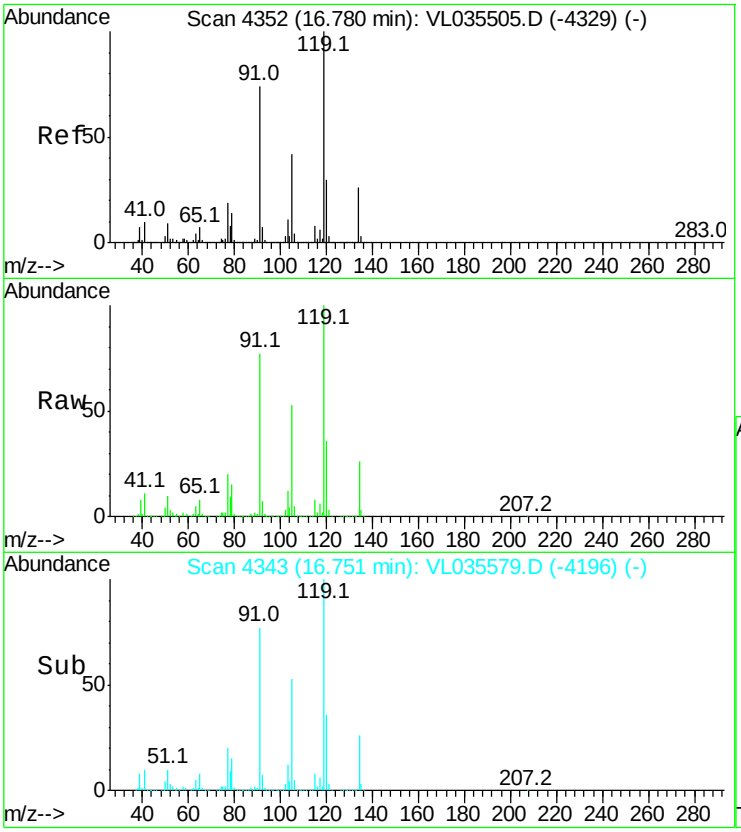


#64
n-propylbenzene
Concen: 8.212 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:120 Resp: 2191675

Ion	Ratio	Lower	Upper
120	100		
91	353.1	279.4	419.0



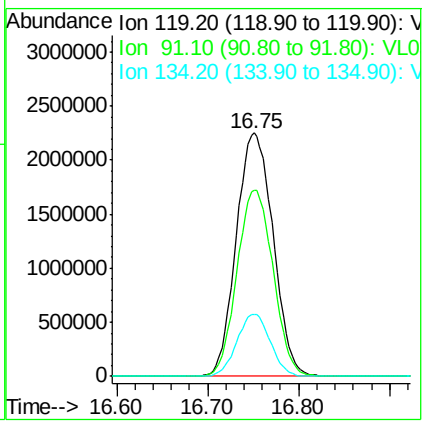


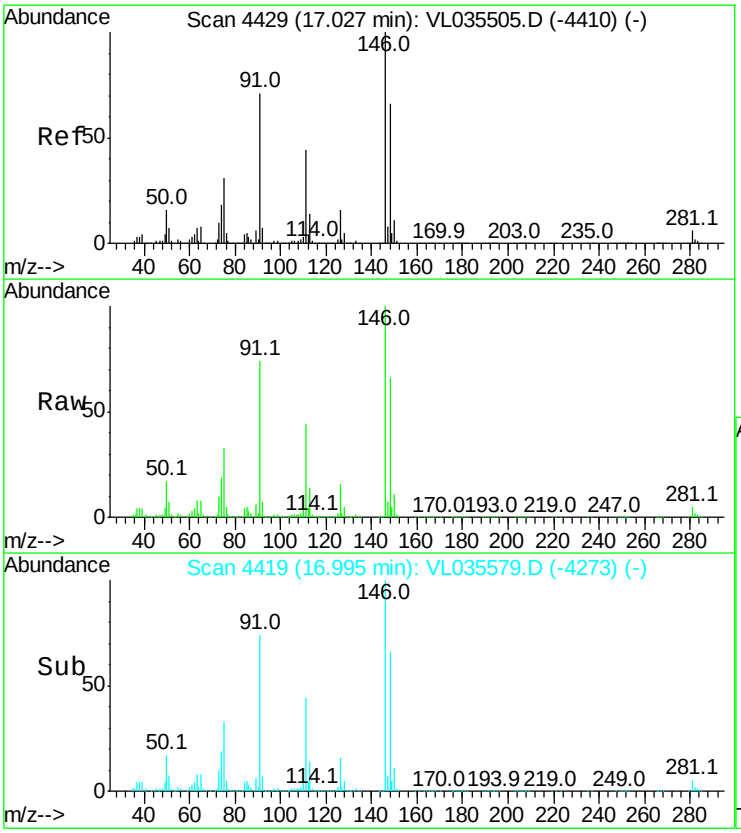
#65
tert-Butylbenzene
Concen: 7.780 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 6325181

Ion	Ratio	Lower	Upper
119	100		
91	75.2	58.6	87.8
134	23.3	18.9	28.3

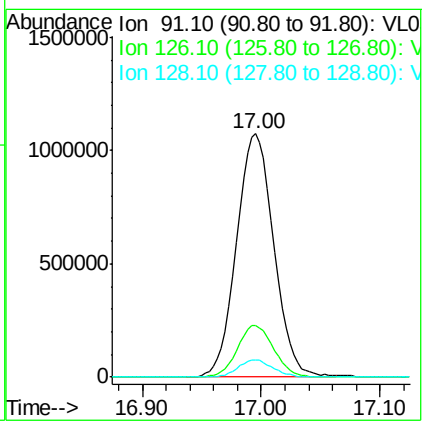


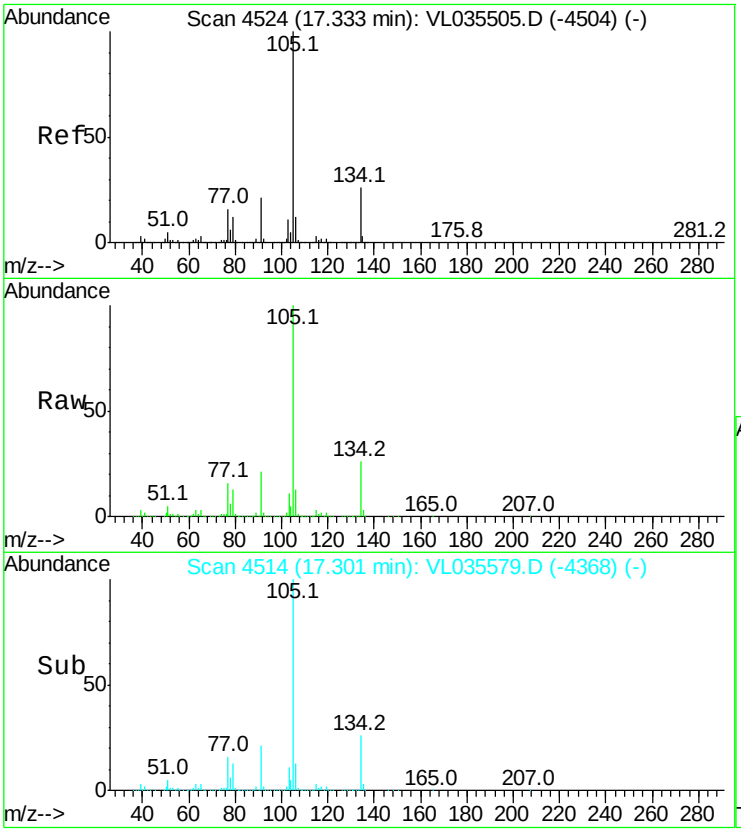


#66
Benzyl Chloride
Concen: 11.502 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 91 Resp: 2324080

Ion	Ratio	Lower	Upper
91	100		
126	20.8	17.2	25.8
128	6.7	5.5	8.3



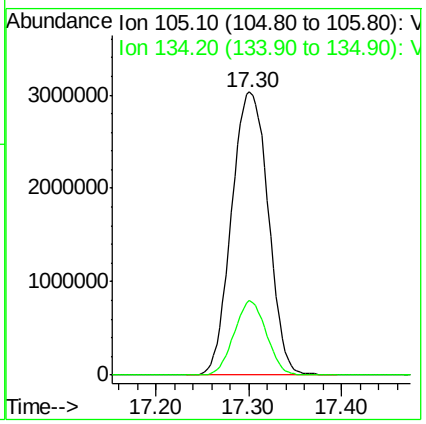


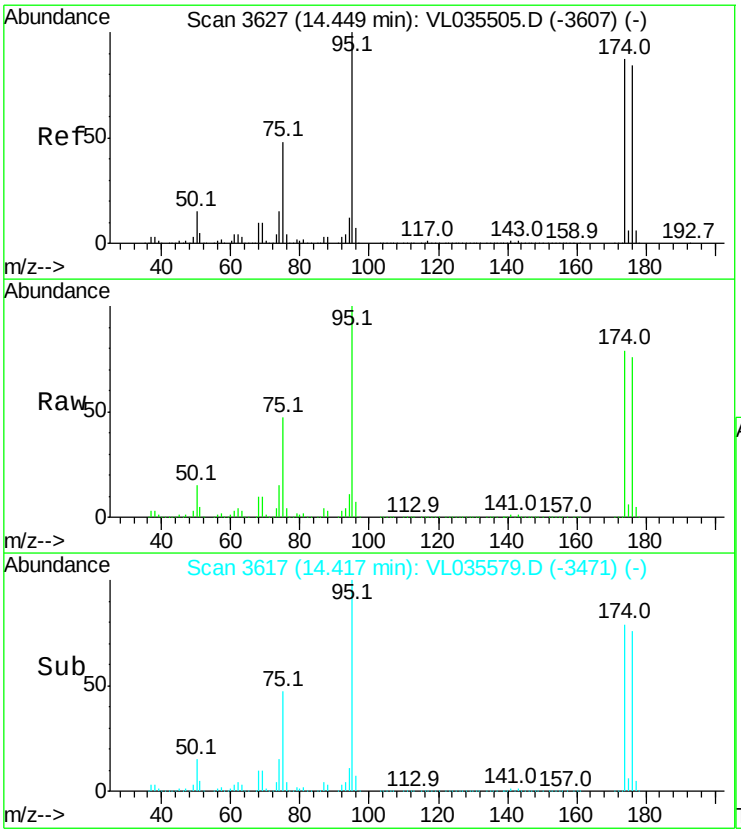
#67
sec-Butylbenzene
Concen: 7.667 ppbv
RT: 17.30 min Scan# 4514
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:105 Resp: 8304640

Ion	Ratio	Lower	Upper
105	100		
134	23.3	19.1	28.7

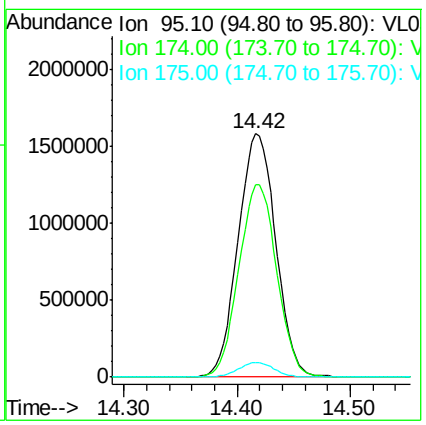


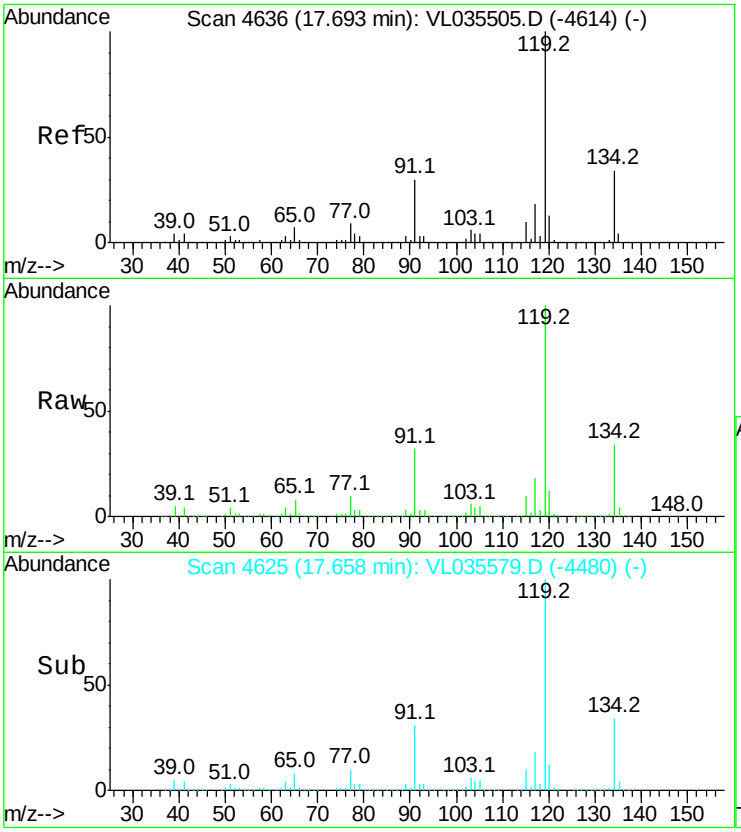


#68
1-Bromo-4-Fluorobenzene
Concen: 8.256 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 95 Resp: 3678134

Ion	Ratio	Lower	Upper
95	100		
174	79.9	69.6	104.4
175	5.8	5.1	7.7



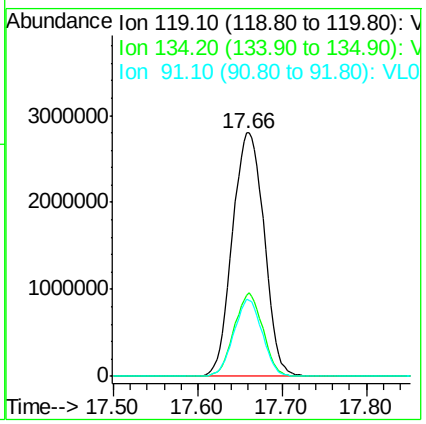


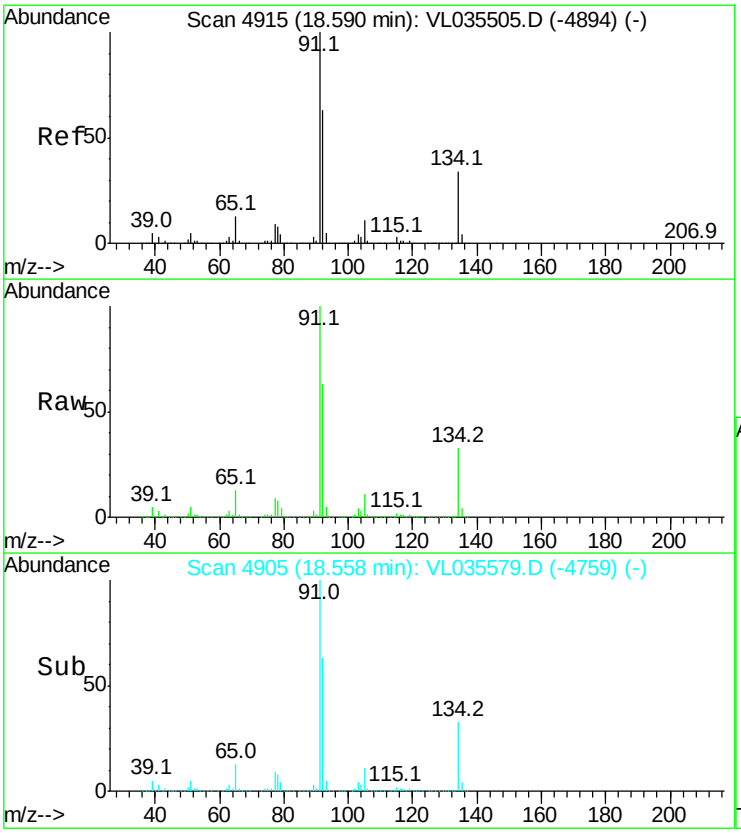
#69
p-Isopropyltoluene
Concen: 7.713 ppbv
RT: 17.66 min Scan# 4625
Delta R.T. -0.04 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 7328758

Ion	Ratio	Lower	Upper
119	100		
134	31.0	25.0	37.4
91	28.4	22.3	33.5

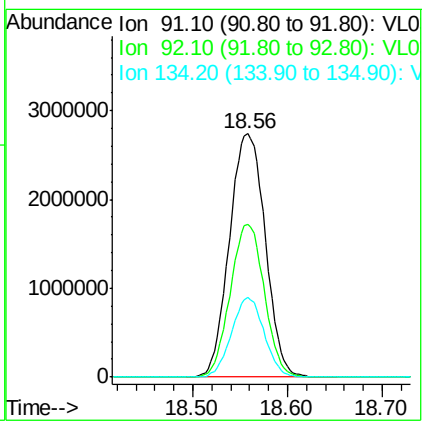


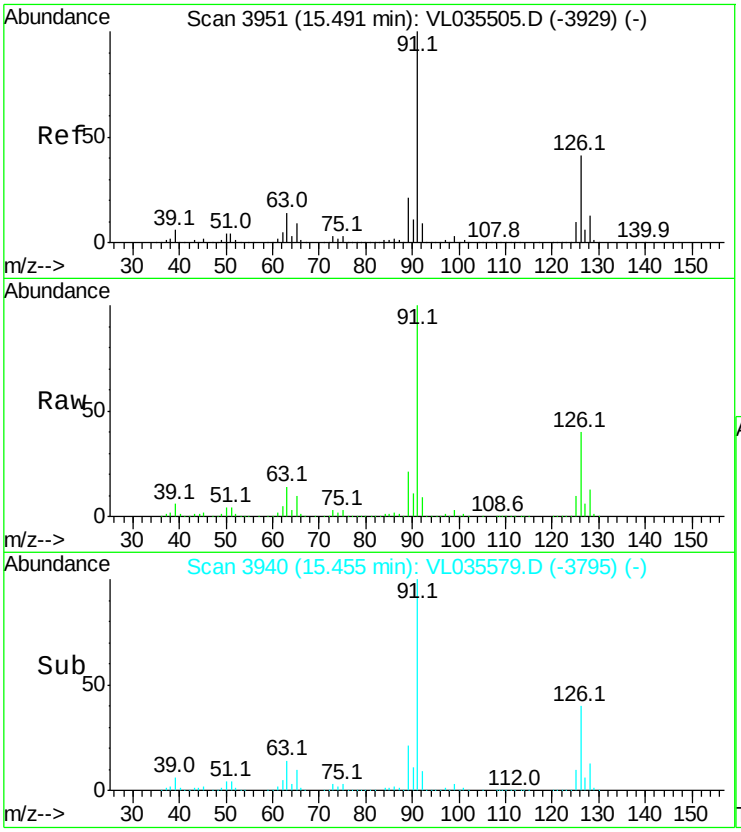


#70
n-Butylbenzene
Concen: 7.870 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion: 91 Resp: 7202913

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.3	70.9
134	29.9	24.6	37.0



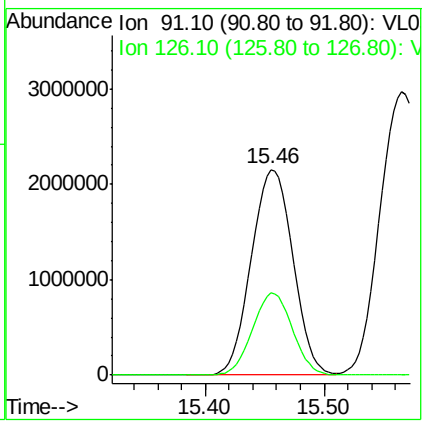


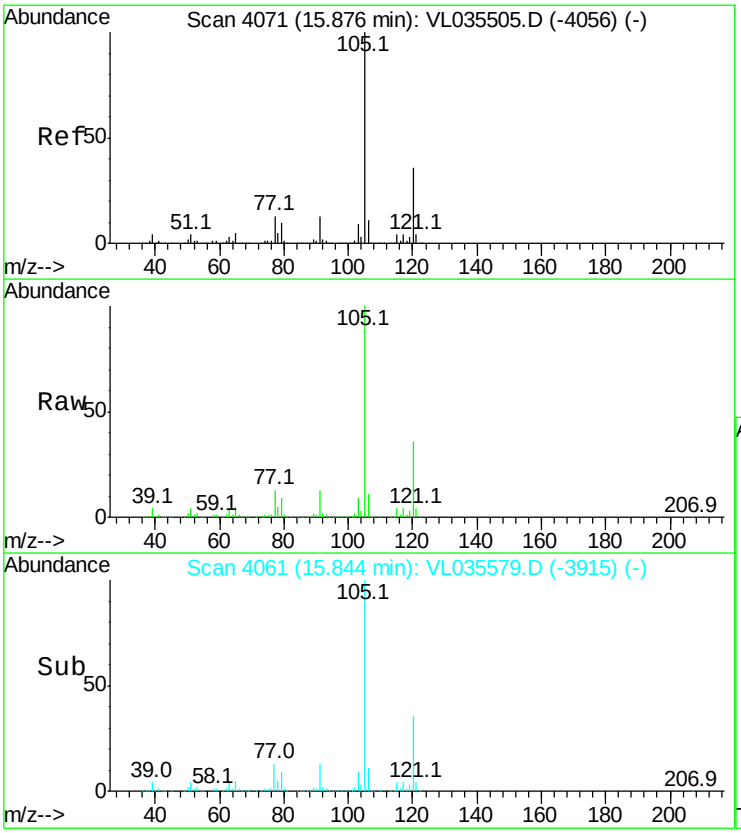
#71
2-Chlorotoluene
Concen: 8.213 ppbv
RT: 15.46 min Scan# 3940
Delta R.T. -0.04 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 5230673

Ion	Ratio	Lower	Upper
91	100		
126	38.4	15.6	62.6

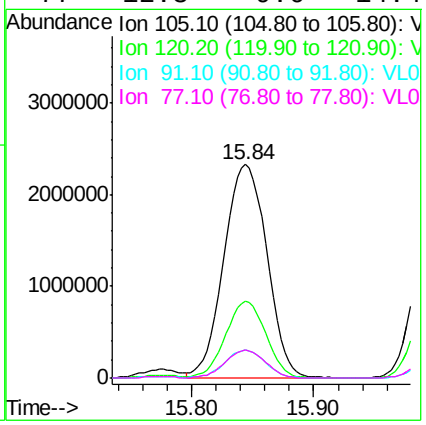


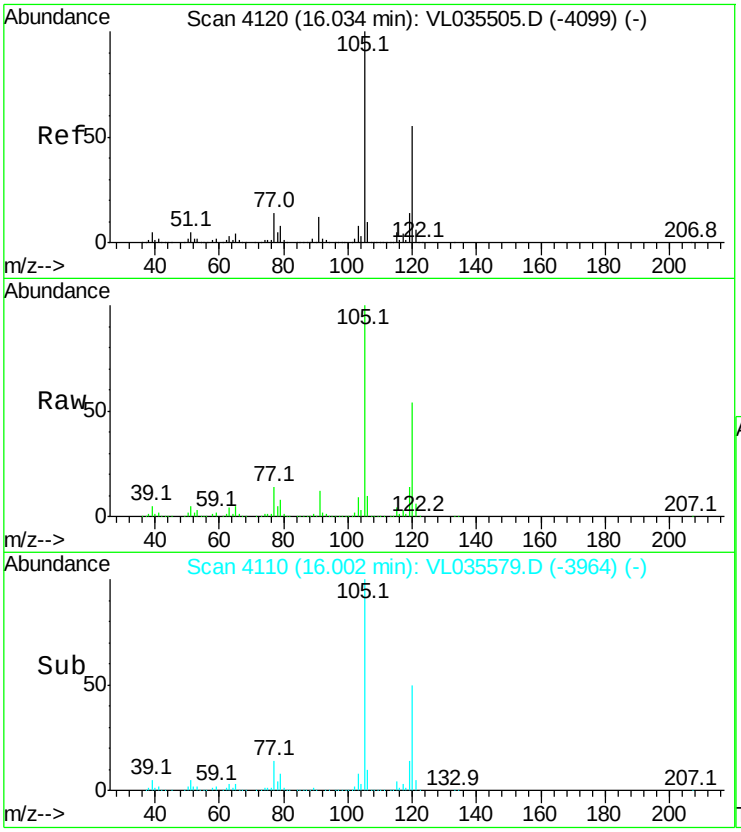


#72
4-Ethyltoluene
Concen: 8.227 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:105 Resp: 5694407

Ion	Ratio	Lower	Upper
105	100		
120	34.0	27.4	41.2
91	12.3	9.7	14.5
77	12.3	9.6	14.4



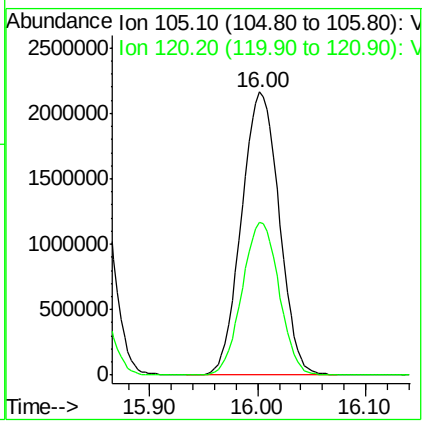


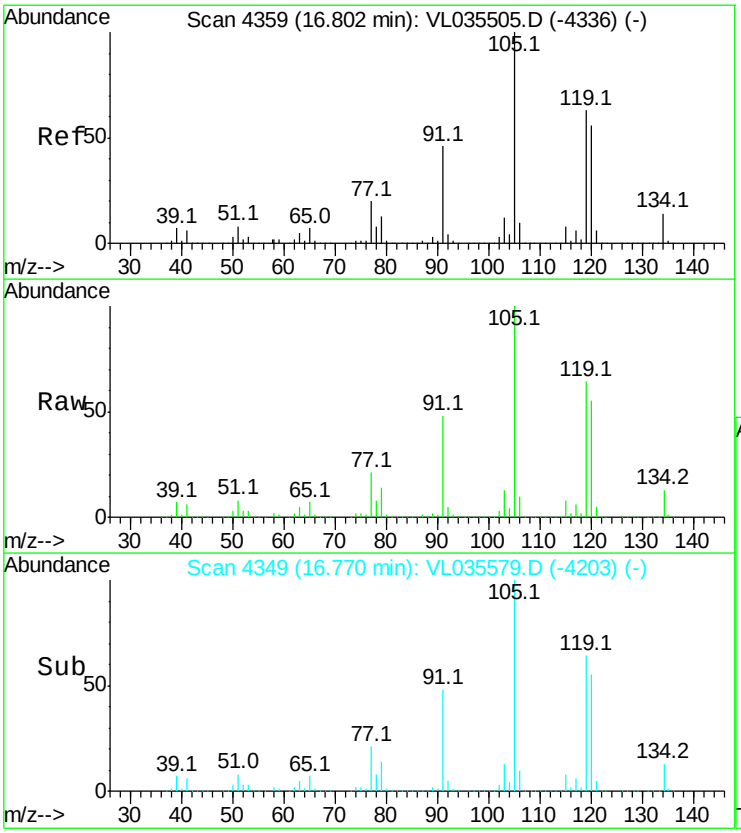
#73
1,3,5-Trimethylbenzene
Concen: 8.184 ppbv
RT: 16.00 min Scan# 4110
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 5239542

Ion	Ratio	Lower	Upper
105	100		
120	54.1	44.2	66.2

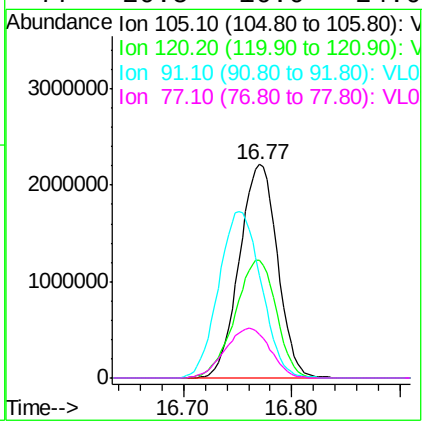


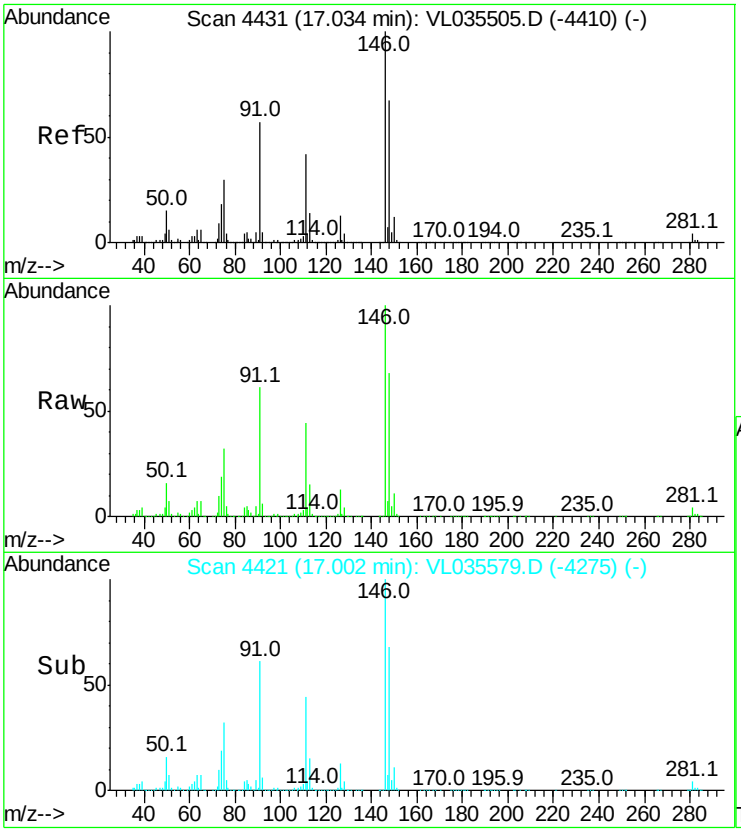


#74
1,2,4-Trimethylbenzene
Concen: 7.726 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:105 Resp: 5432113

Ion	Ratio	Lower	Upper
105	100		
120	55.2	44.4	66.6
91	48.0	37.1	55.7
77	20.5	16.0	24.0



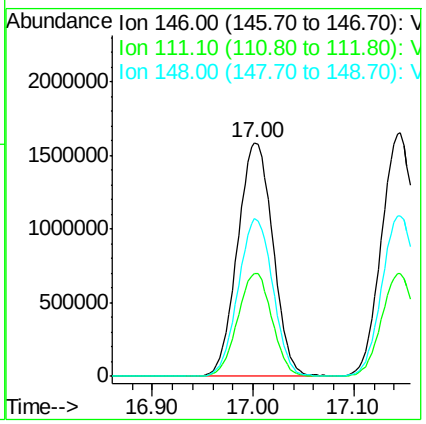


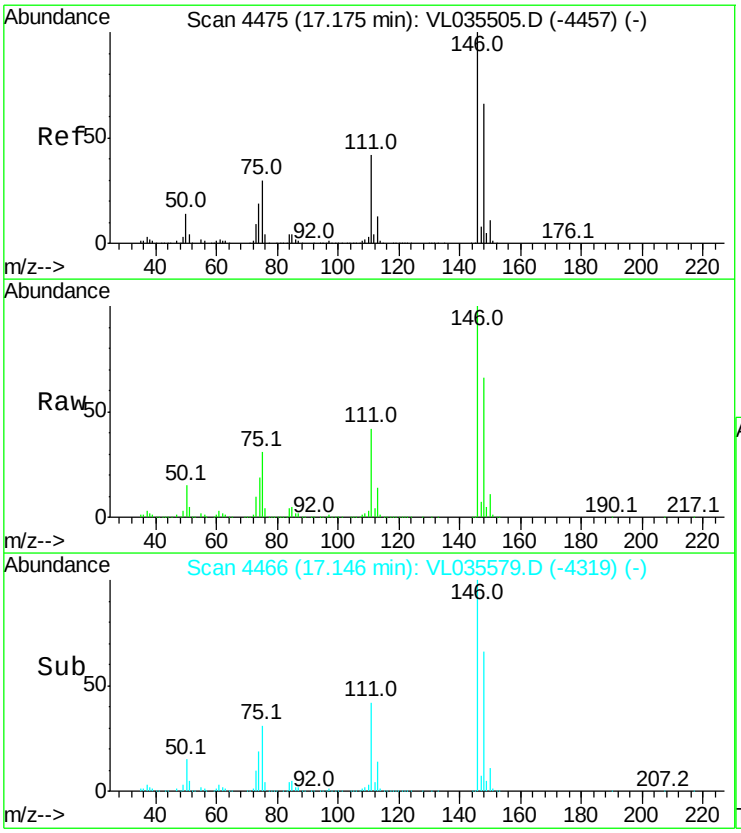
#75
1,3-Dichlorobenzene
Concen: 7.430 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 3869614

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.7	62.1
148	66.1	33.0	98.9

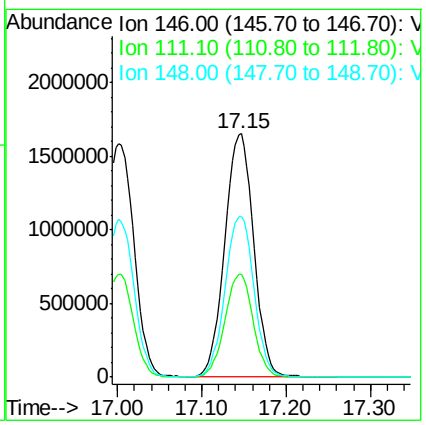


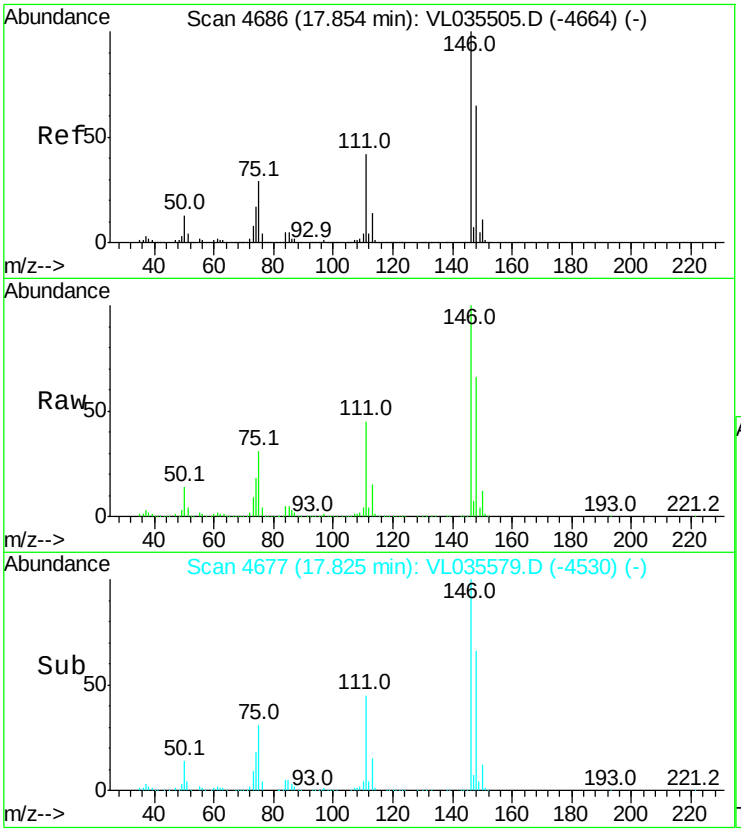


#76
1,4-Dichlorobenzene
Concen: 7.685 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:146 Resp: 3946841

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	60.0
148	66.1	33.2	99.6



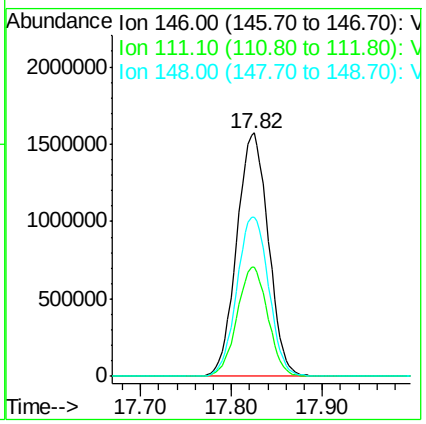


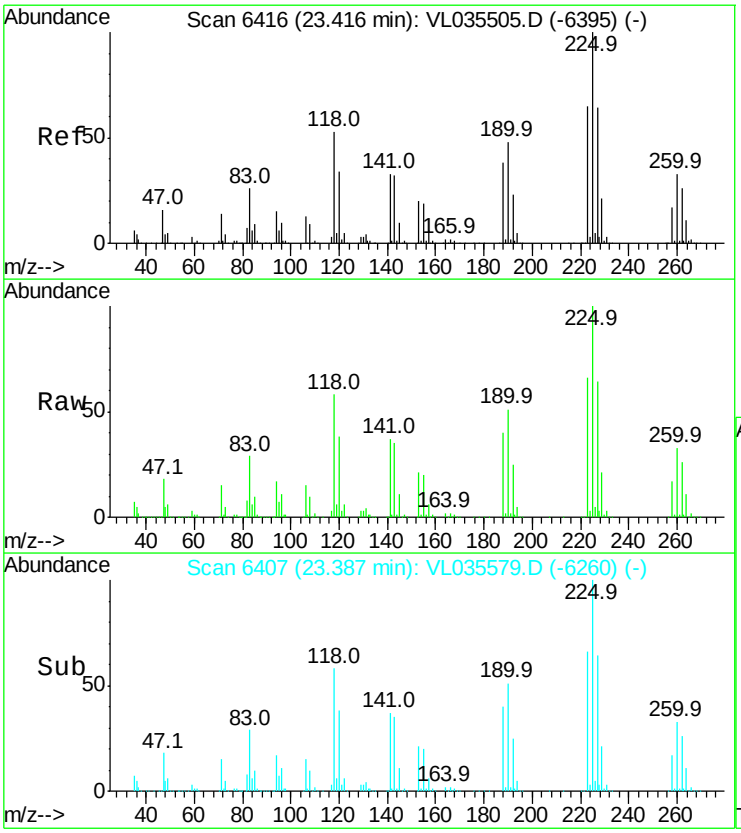
#77
1,2-Dichlorobenzene
Concen: 7.523 ppbv
RT: 17.82 min Scan# 4677
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 3795656

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.1	63.3
148	66.0	32.9	98.7

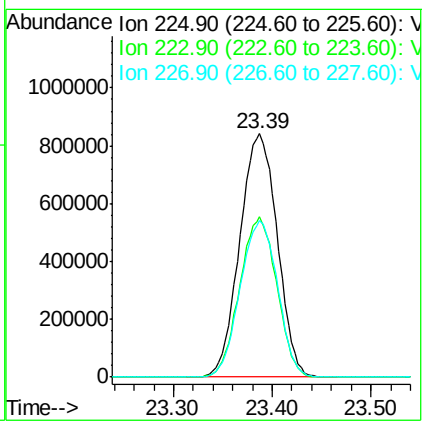


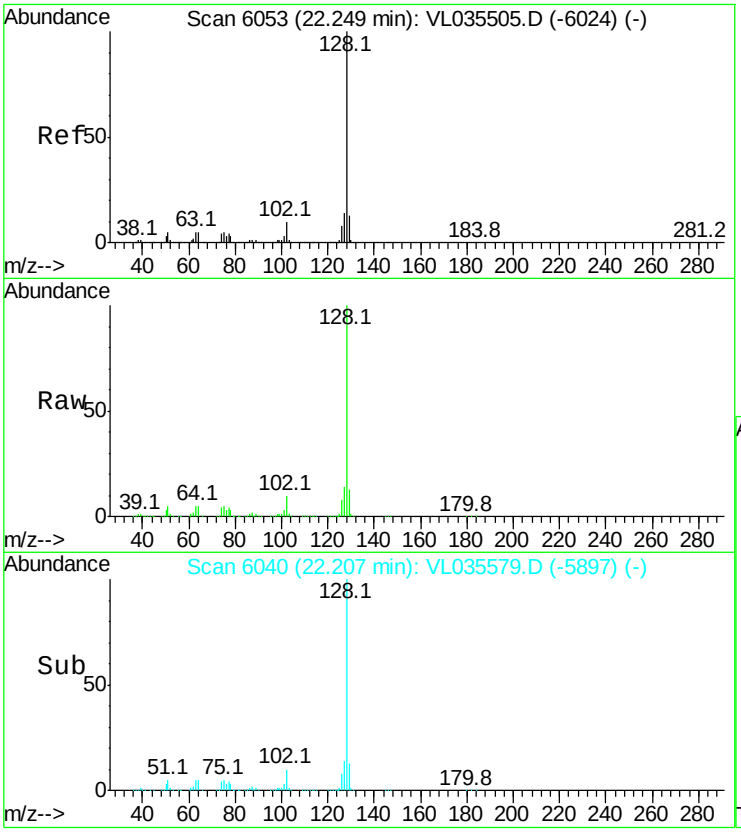


#78
Hexachloro-1,3-Butadiene
Concen: 6.866 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. -0.03 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:225 Resp: 2211608

Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.7	77.5
227	64.1	51.5	77.3



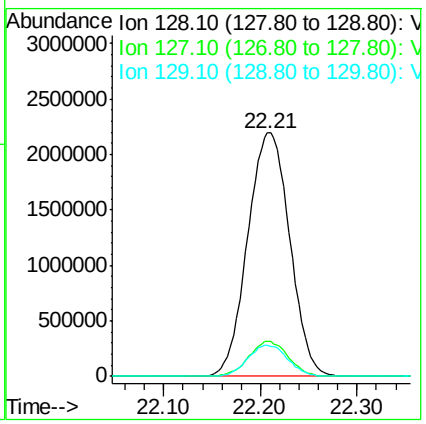


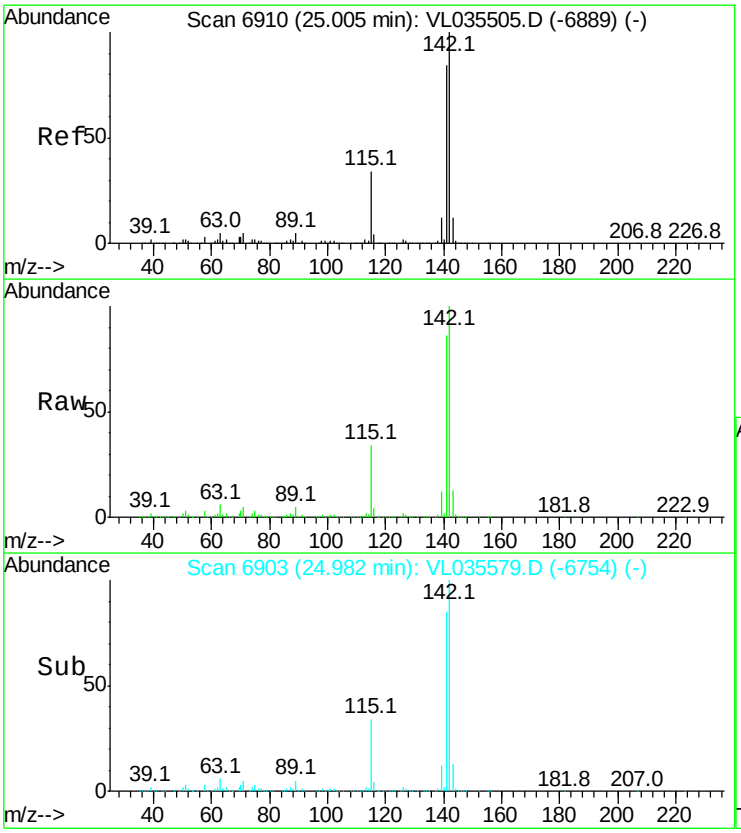
#79
Naphthalene
Concen: 8.499 ppbv
RT: 22.21 min Scan# 6040
Delta R.T. -0.04 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 6630371

Ion	Ratio	Lower	Upper
128	100		
127	14.3	11.4	17.2
129	12.9	10.5	15.7

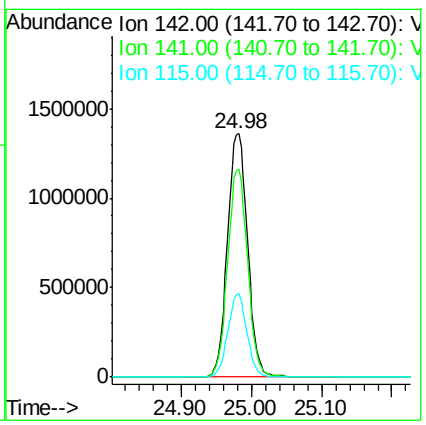


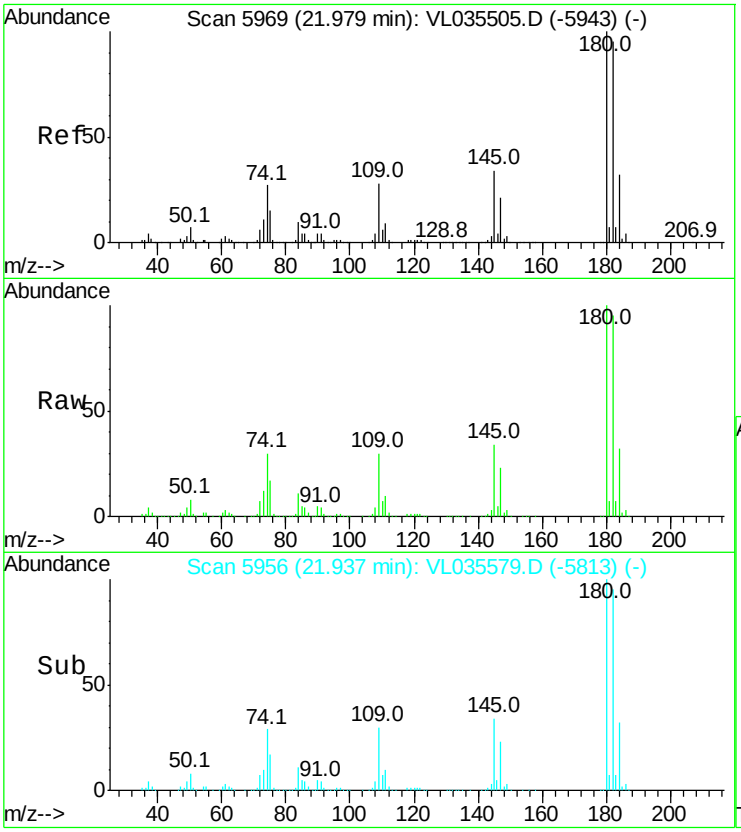


#80
Naphthalene,2-methyl-
Concen: 10.258 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. -0.02 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Tgt Ion:142 Resp: 2731416

Ion	Ratio	Lower	Upper
142	100		
141	84.7	67.6	101.4
115	32.4	25.8	38.8





#81
1,2,4-Trichlorobenzene
Concen: 7.688 ppbv
RT: 21.94 min Scan# 5956
Delta R.T. -0.04 min
Lab File: VL035579.D
Acq: 9 Sep 2020 9:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 3591617

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.3	114.5
184	31.4	25.3	37.9