Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030321\

Quantitation Report (Not Reviewed)

Data File : VL036435.D
Acq On : 3 Mar 2021 10:52
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 03 13:06:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 10:40:25 2021
QLast Update : Wed Mar 03 10:40:25 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1714975	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	4011665	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	3725774	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	3005613	9.80	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	261511	1.022	ppbv		90
3) Chlorodifluoromethane	2.99	51	211936	0.995	ppbv		97
4) Chloromethane	3.15	50	92332	0.897	ppbv		94
5) Vinyl Chloride	3.26	62	86814	0.906	ppbv		96
6) Bromomethane	3.48	94	55282	0.970	ppbv		92
7) Chloroethane	3.56	64	35691	1.049	ppbv		96
8) Dichlorotetrafluoroethane	3.19	85	249581	1.072	ppbv		96
9) Propene	3.01	41	84687	1.066	ppbv		89
10) Heptane	8.13	43	221792	0.947	ppbv		98
11) Trichlorofluoromethane	3.95	101	241836	0.965	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	156155	1.006	ppbv		94
13) Ethanol	3.62	45	8486	0.569	ppbv	#	1
14) Bromoethene	3.74	108	63748	0.981	ppbv		95
15) Acetone	3.86	43	80502	0.384	ppbv	#	49
16) 1,3-Butadiene	3.33	39	93780	0.936	ppbv		96
17) tert-Butyl alcohol	4.30	59	167018	1.026	ppbv		98
18) 1,1-Dichloroethene	4.29	96	66030	0.936	ppbv		80
19) Isopropyl Alcohol	3.98	45	75648	0.651	ppbv	#	84
20) Methylene Chloride	4.34	84	30939	0.457	ppbv		88
21) Allyl Chloride	4.42	41	108851	0.933	ppbv		91
22) trans-1,2-Dichloroethene	4.89	96	60427	0.943	ppbv	#	94
23) Vinyl Acetate	5.08	43	212767	0.863	ppbv	#	98
24) 1,1-Dichloroethane	5.01	63	179607	0.985	ppbv		97
25) Ethyl Acetate	5.69	43	404414	0.999	ppbv		97
26) Hexane	5.69	57	161115	0.969	ppbv		92
27) Carbon Disulfide	4.56	76	144356	0.945	ppbv	#	88
28) Methyl tert-Butyl Ether	5.05	73	207033	0.953	ppbv		96
29) Chloroform	5.76	83	268372	1.002	ppbv		89
30) Cyclohexane	7.14	84	65422	0.473	ppbv	#	21
31) cis-1,2-Dichloroethene	5.56	61	146925	0.893	ppbv		91
32) 1,1,1-Trichloroethane	6.52	97	253051	1.010	ppbv		100
34) 2-Butanone	5.26	43	224726	0.843	ppbv		92
35) Carbon Tetrachloride	7.03	117	125101	0.465	ppbv		99
36) Benzene	6.90	78	312577	0.917	ppbv		94
37) 1,2-Dichloroethane	6.31	62	99084	0.470	ppbv	#	80
38) Trichloroethene	7.85	130	49963	0.409	ppbv		91
39) 1,2-Dichloropropane	7.62	63	52564	0.380	ppbv		91
40) 1,4-Dioxane	7.86	88	19492	0.406	ppbv	#	1
41) Tetrahydrofuran	6.08	42	107666	0.724	ppbv		91
42) Bromodichloromethane	7.79	83	268523	0.952	ppbv	#	93
43) Methyl Methacrylate	8.02	69	122077	0.849	ppbv		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030321\

Quantitation Report (Not Reviewed)

Data File : VL036435.D
Acq On : 3 Mar 2021 10:52
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 03 13:06:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 10:40:25 2021
QLast Update : Wed Mar 03 10:40:25 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	605636	0.977	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	101110	0.729	ppbv		93
46) cis-1,3-Dichloropropene	8.70	75	48271	0.274	ppbv		92
47) 1,1,2-Trichloroethane	9.48	97	131574	0.929	ppbv		86
48) Dibromochloromethane	10.31	129	190640	0.902	ppbv		98
49) Bromoform	13.05	173	152130	0.890	ppbv		96
50) 4-Methyl-2-Pentanone	8.76	43	352264	0.890	ppbv		100
51) 2-Hexanone	10.16	43	200916	0.668	ppbv	#	88
52) Tetrachloroethene	11.23	164	61306	0.491	ppbv		94
53) Toluene	9.82	91	332106	0.900	ppbv		98
54) 1,2-Dibromoethane	10.62	107	183873	0.898	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.13	131	169247	0.988	ppbv	#	1
57) Chlorobenzene	12.16	112	279889	0.972	ppbv		99
58) Ethyl Benzene	12.72	91	472218	0.926	ppbv	#	87
59) m/p-Xylene	13.00	91	302376	0.675	ppbv	#	1
60) o-Xylene	13.70	91	412818	0.963	ppbv		100
61) Styrene	13.54	104	217559	0.819	ppbv		96
62) Isopropylbenzene	14.68	105	637006	0.992	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.69	83	307442	0.909	ppbv		94
64) n-propylbenzene	15.57	120	149029	0.943	ppbv		71
65) tert-Butylbenzene	16.76	119	265727	0.484	ppbv	#	16
66) Benzyl Chloride	17.00	91	116382	0.779	ppbv	#	98
67) sec-Butylbenzene	17.31	105	396523	0.500	ppbv	#	67
69) p-Isopropyltoluene	17.67	119	297461	0.486	ppbv	#	41
70) n-Butylbenzene	18.56	91	319868	0.487	ppbv	#	44
71) 2-Chlorotoluene	15.46	91	461841	0.938	ppbv		100
72) 4-Ethyltoluene	15.85	105	432371	0.907	ppbv		97
73) 1,3,5-Trimethylbenzene	16.01	105	414994	0.898	ppbv		98
74) 1,2,4-Trimethylbenzene	16.77	105	479227	1.016	ppbv		96
75) 1,3-Dichlorobenzene	17.01	146	254318	0.993	ppbv		97
76) 1,4-Dichlorobenzene	17.15	146	226639	0.852	ppbv		93
77) 1,2-Dichlorobenzene	17.83	146	234402	0.923	ppbv		93
78) Hexachloro-1,3-Butadiene	23.39	225	29469	0.142	ppbv	#	1
79) Naphthalene	22.22	128	90807	0.325	ppbv	#	93
80) Naphthalene,2-methyl-	25.20	142	4202	0.081	ppbv		98
81) 1,2,4-Trichlorobenzene	21.94	180	56017	0.328	ppbv	#	9

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

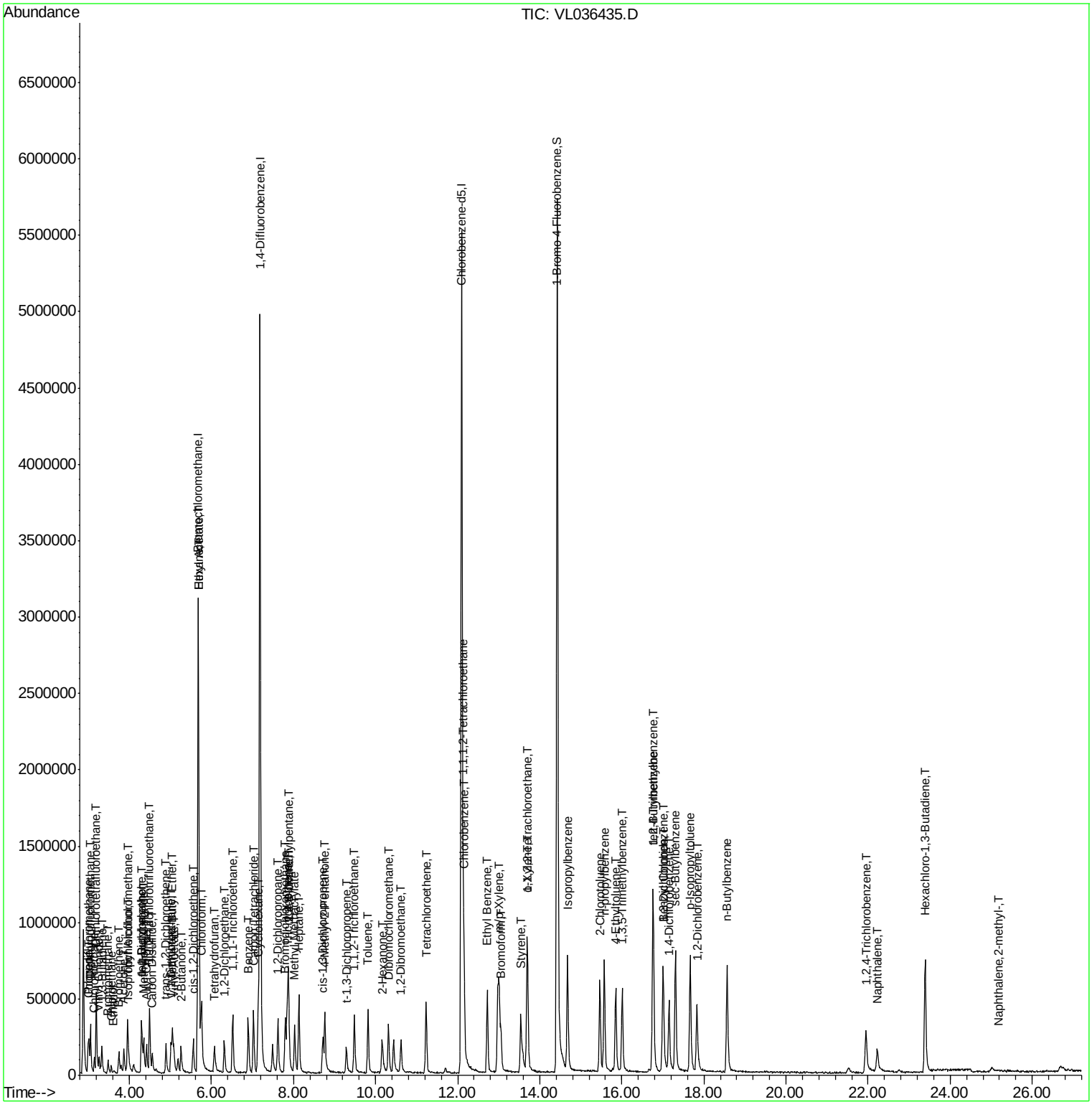
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030321\

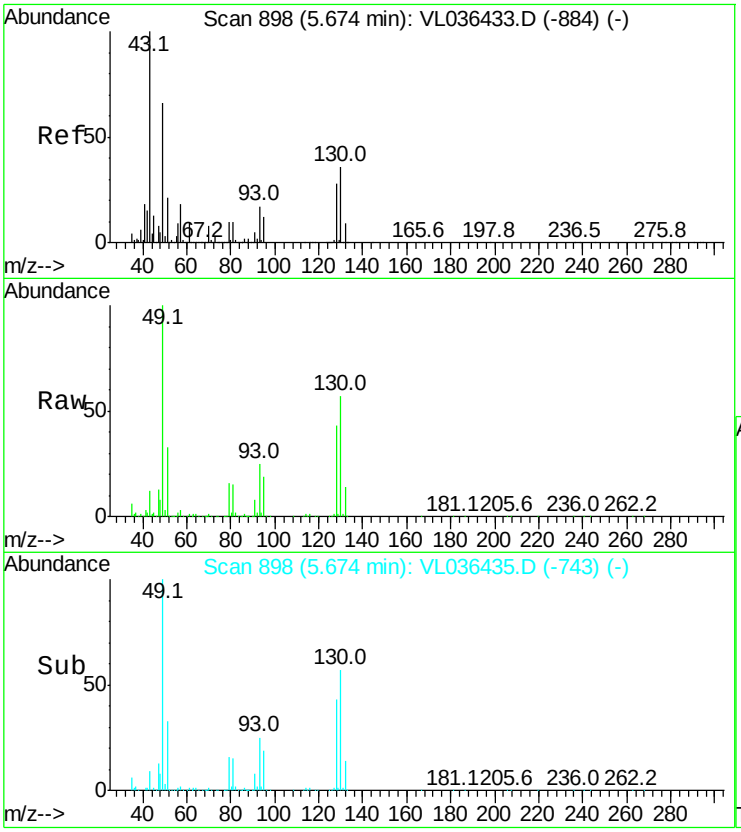
Quantitation Report (Not Reviewed)

Data File : VL036435.D
Acq On : 3 Mar 2021 10:52
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Mar 03 13:06:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 10:40:25 2021
QLast Update : Wed Mar 03 10:40:25 2021
Response via : Initial Calibration



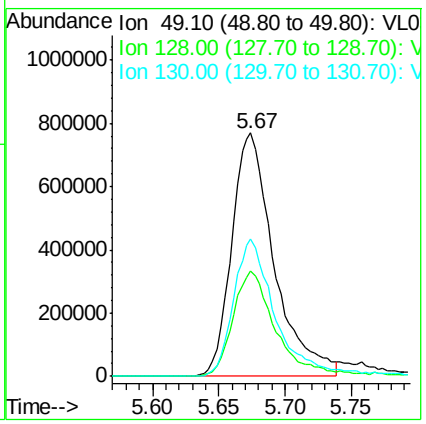


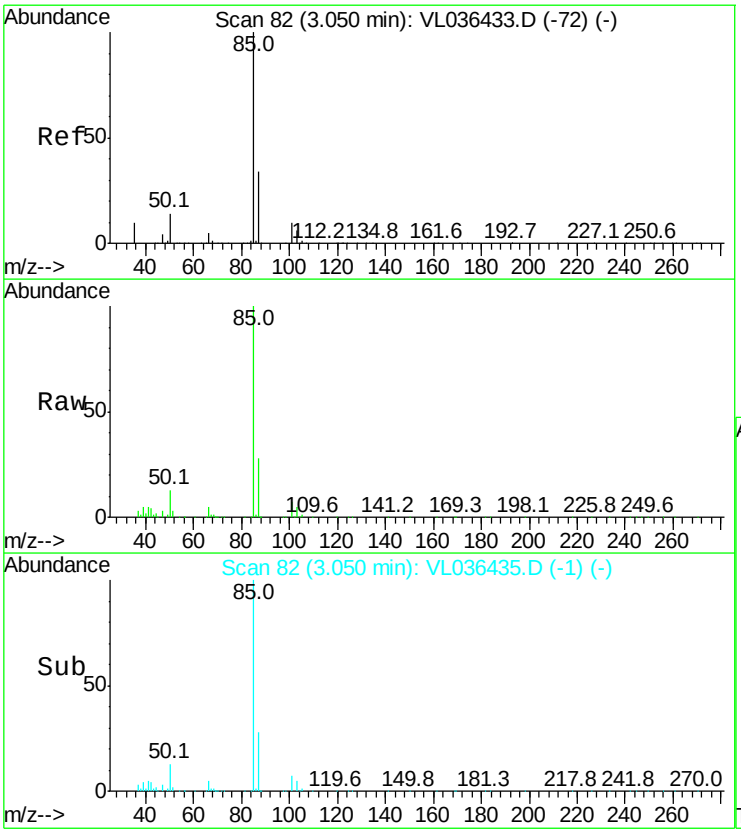
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1714975

Ion	Ratio	Lower	Upper
49	100		
128	44.9	22.4	67.2
130	57.3	28.0	84.0

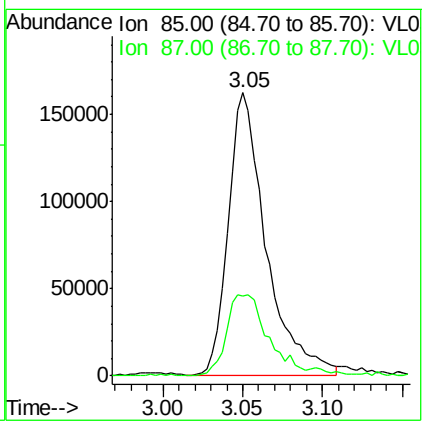


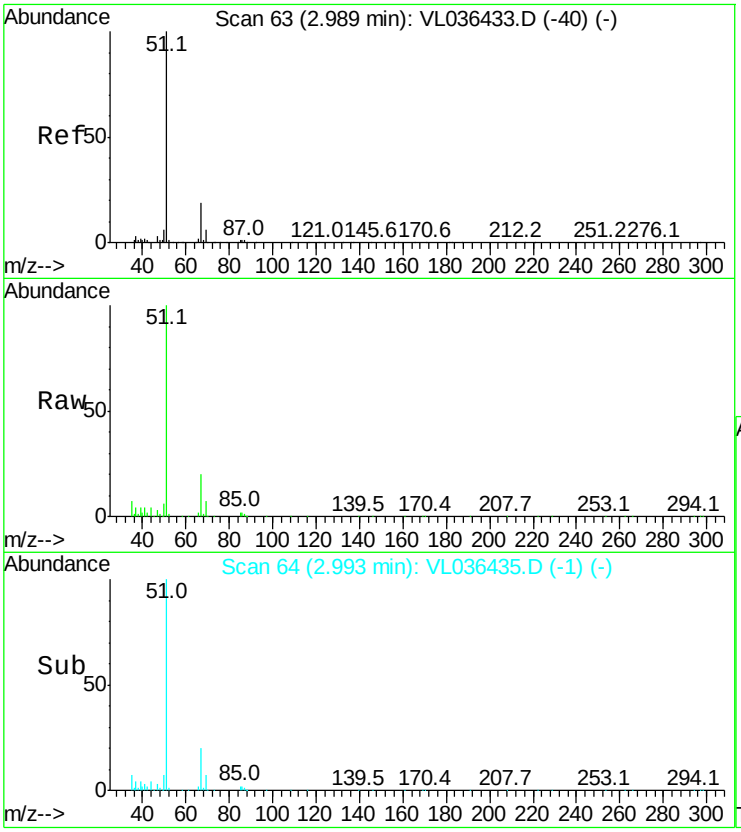


#2
Dichlorodifluoromethane
Concen: 1.022 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 85 Resp: 261511

Ion	Ratio	Lower	Upper
85	100		
87	28.1	27.1	40.7



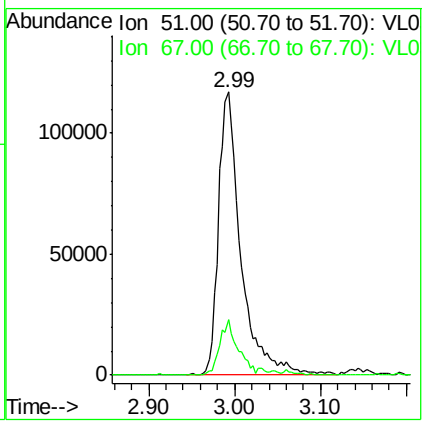


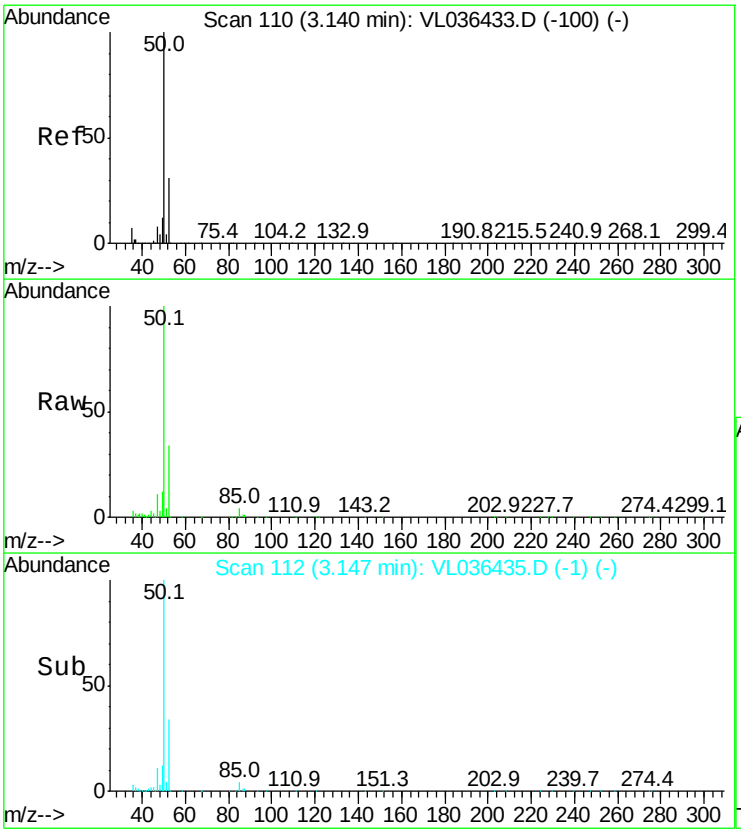
#3
Chlorodifluoromethane
Concen: 0.995 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 211936

Ion	Ratio	Lower	Upper
51	100		
67	17.1	14.8	22.2

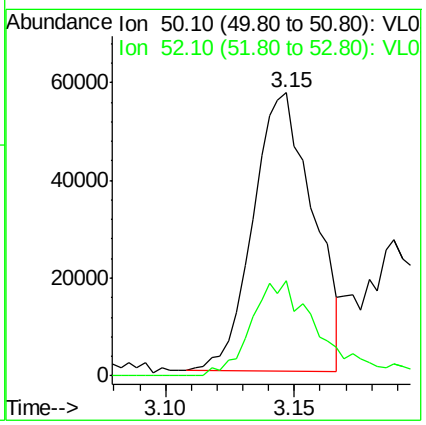


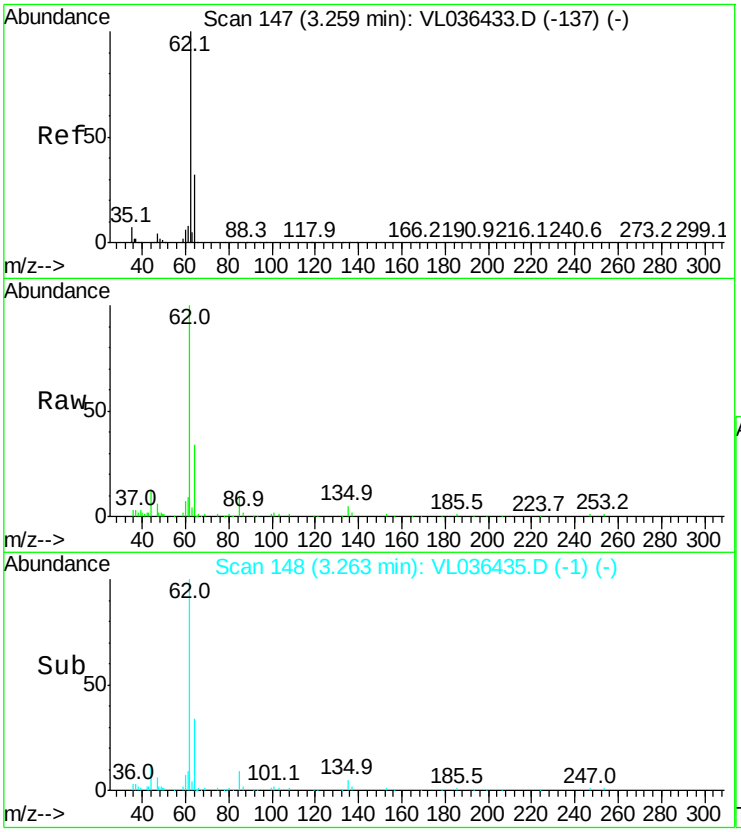


#4
Chloromethane
Concen: 0.897 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 50 Resp: 92332

Ion	Ratio	Lower	Upper
50	100		
52	34.2	24.6	36.8



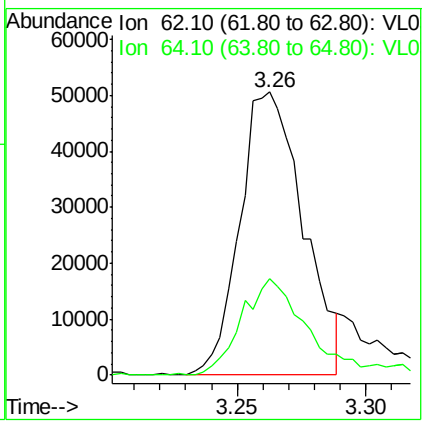


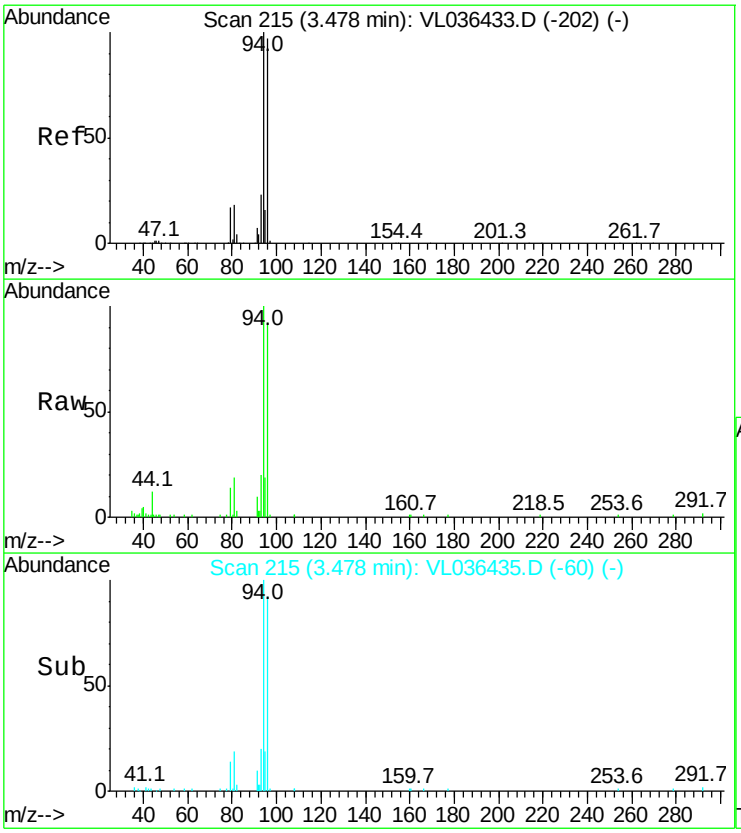
#5
Vinyl Chloride
Concen: 0.906 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 86814

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.4	38.2

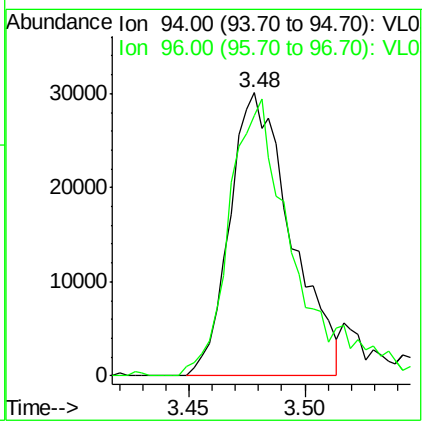


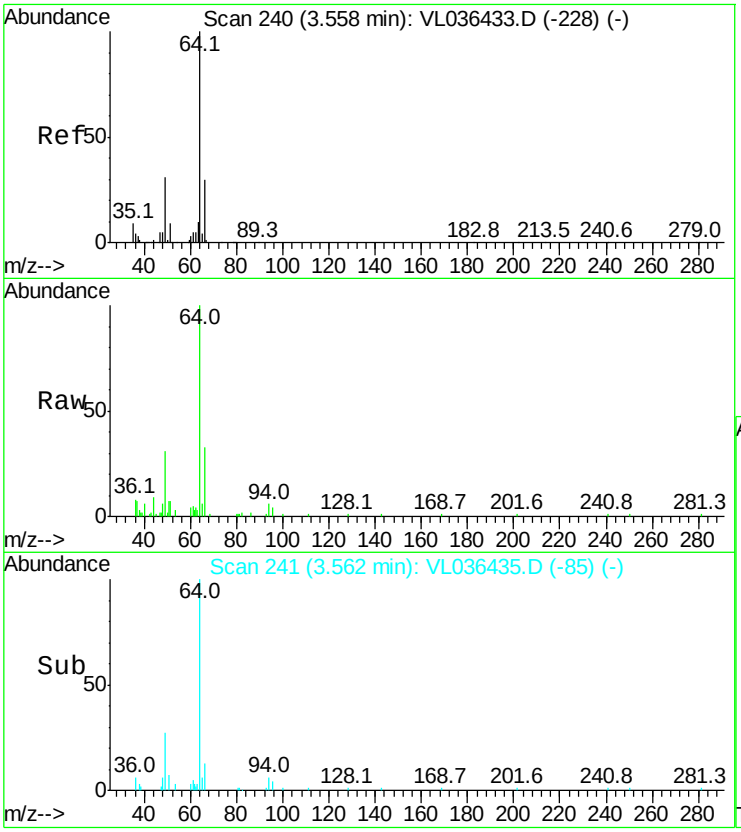


#6
Bromomethane
Concen: 0.970 ppbv
RT: 3.48 min Scan# 215
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 94 Resp: 55282

Ion	Ratio	Lower	Upper
94	100		
96	88.7	77.3	115.9



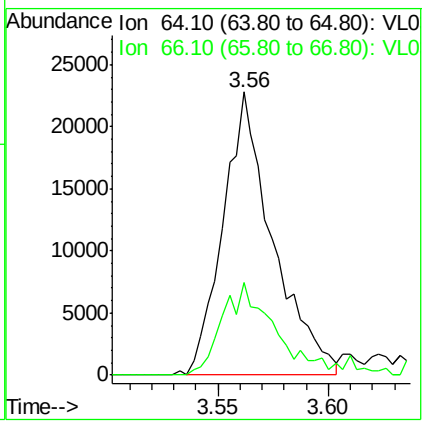


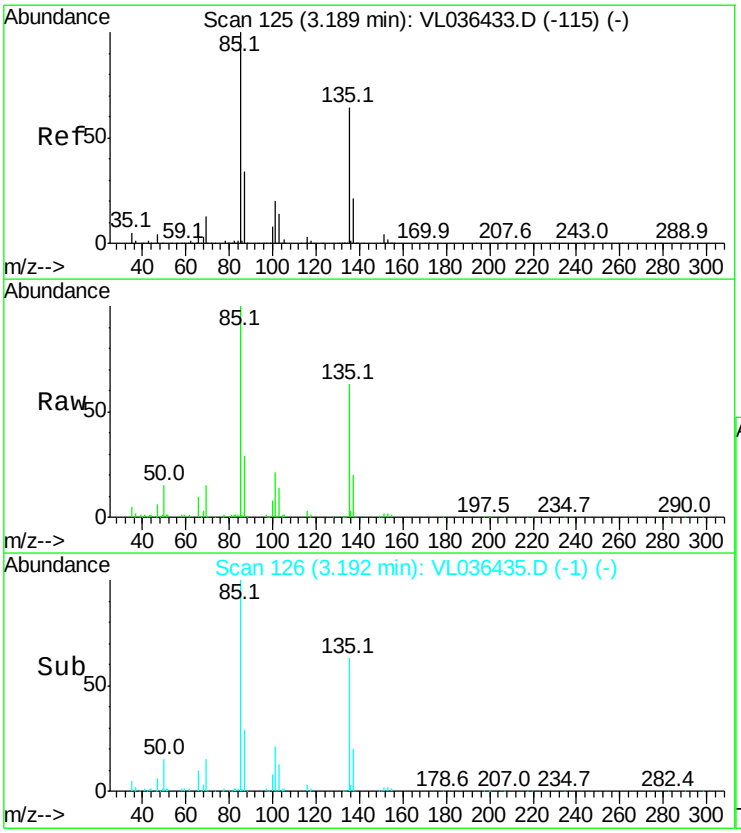
#7
Chloroethane
Concen: 1.049 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 35691

Ion	Ratio	Lower	Upper
64	100		
66	32.6	24.3	36.5

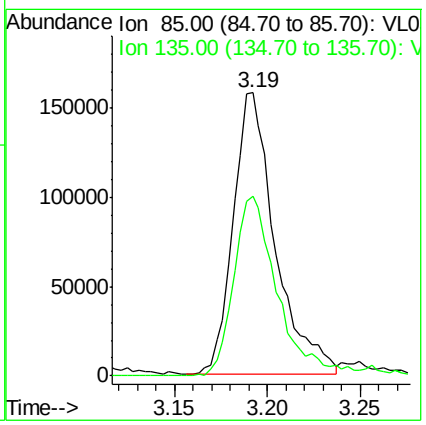


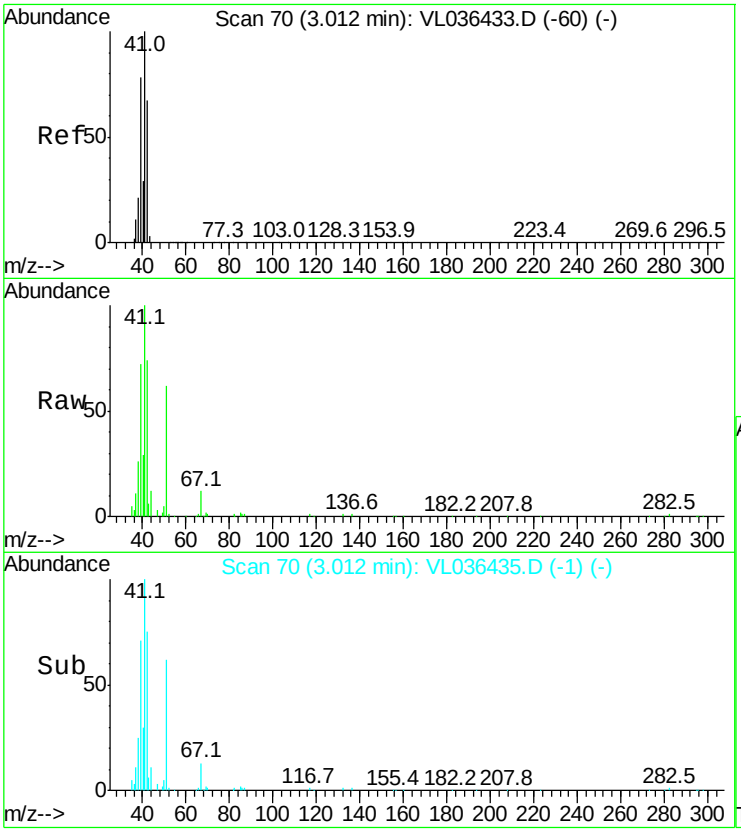


#8
Dichlorotetrafluoroethane
Concen: 1.072 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 85 Resp: 249581

Ion	Ratio	Lower	Upper
85	100		
135	69.2	52.8	79.2



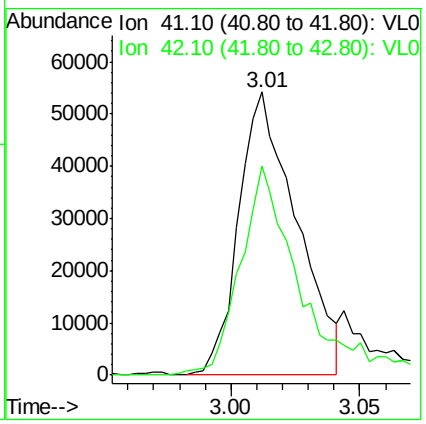


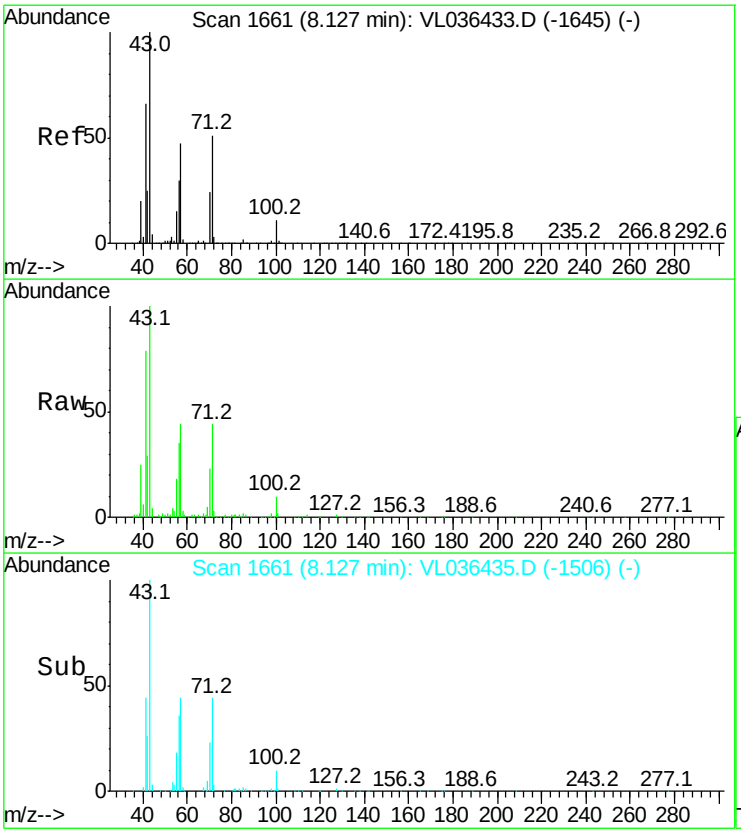
#9
Propene
Concen: 1.066 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 84687

Ion	Ratio	Lower	Upper
41	100		
42	79.1	56.2	84.4

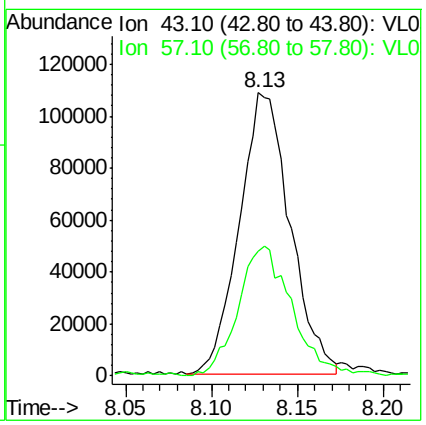


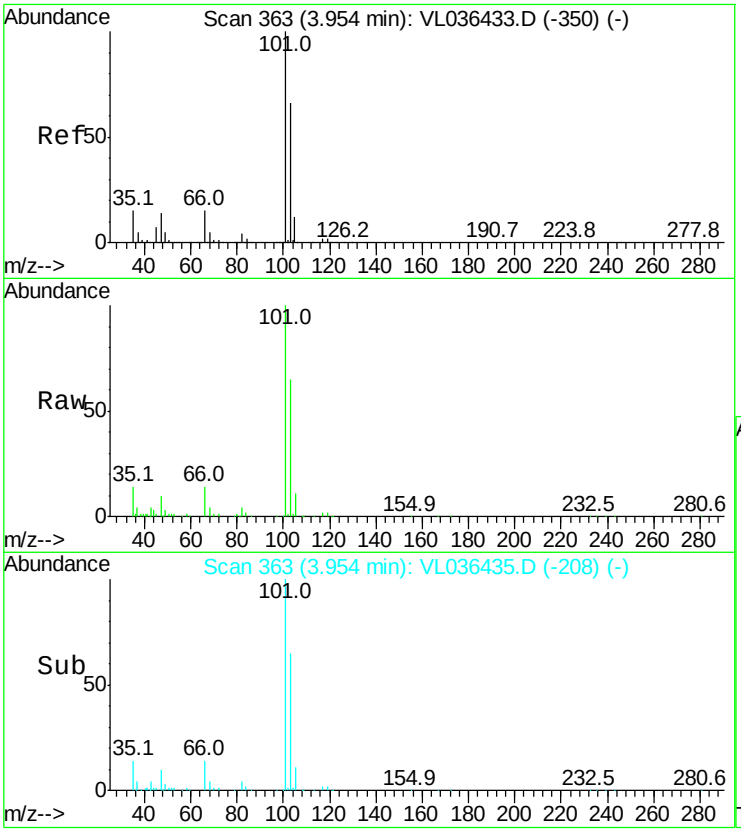


#10
Heptane
Concen: 0.947 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 43 Resp: 221792

Ion	Ratio	Lower	Upper
43	100		
57	47.6	39.1	58.7



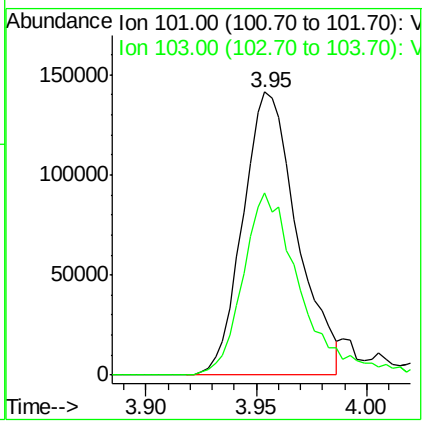


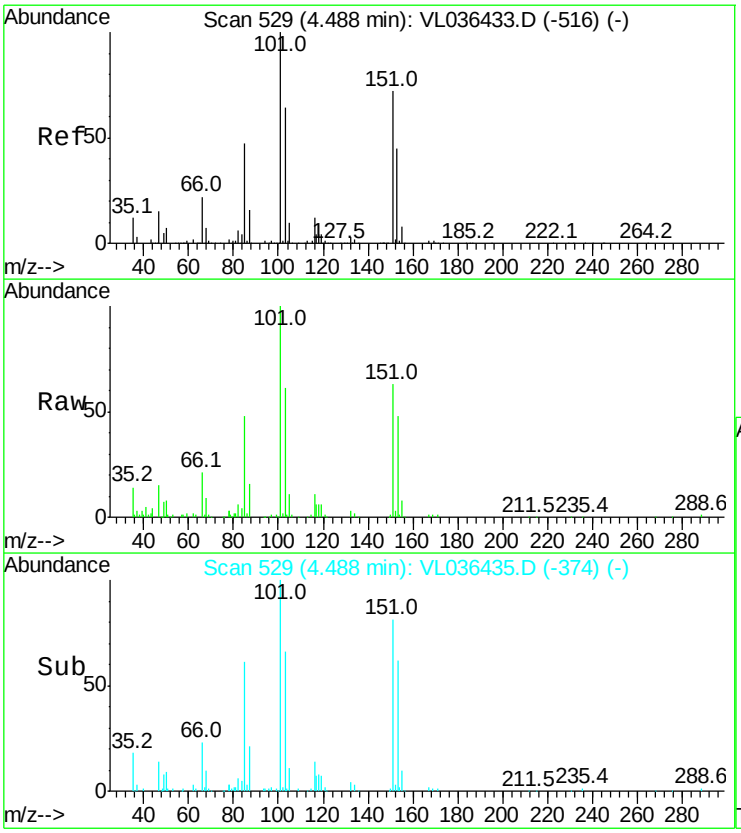
#11
Trichlorofluoromethane
Concen: 0.965 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 241836

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.4	78.6

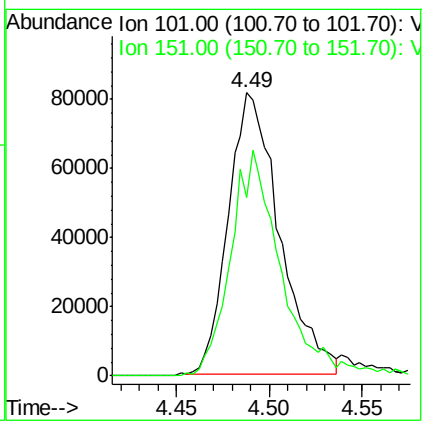


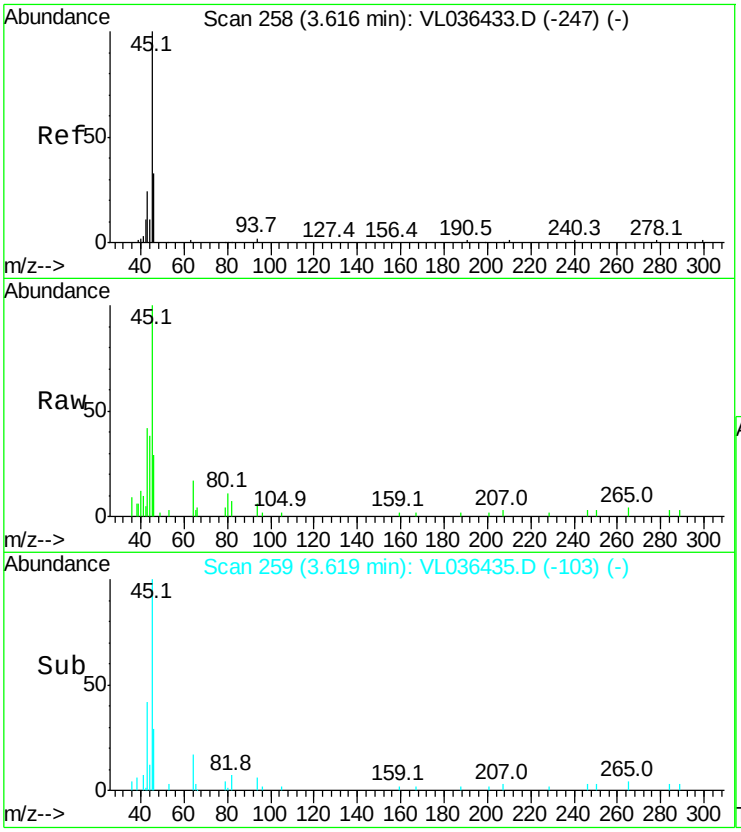


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.006 ppbv
RT: 4.49 min Scan# 529
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:101 Resp: 156155

Ion	Ratio	Lower	Upper
101	100		
151	79.1	59.0	88.4



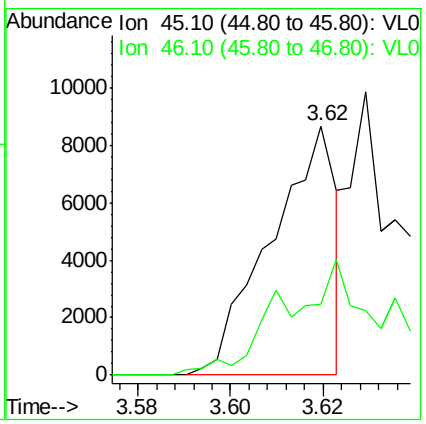


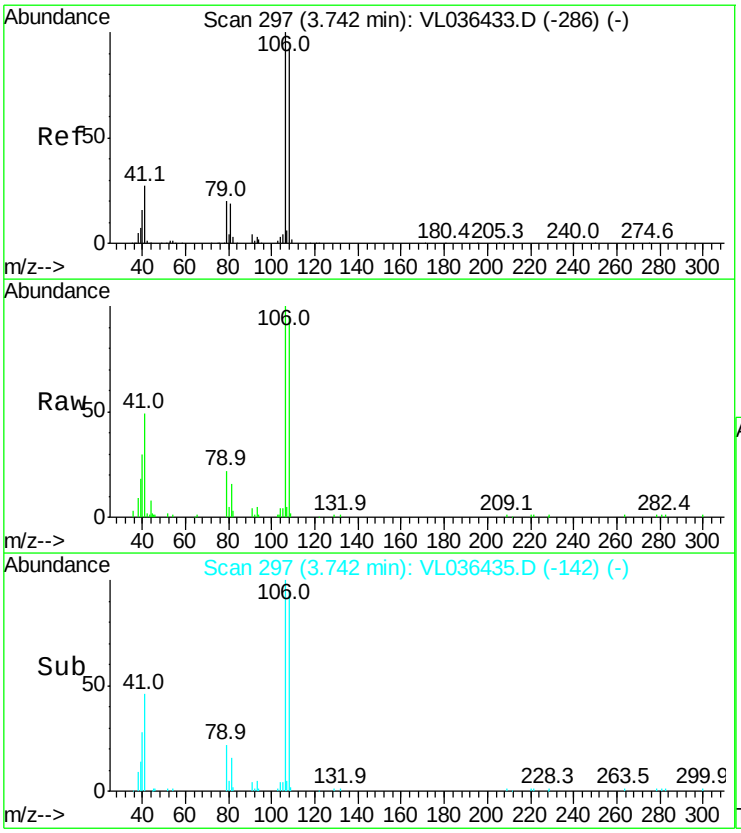
#13
Ethanol
Concen: 0.569 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 8486

Ion	Ratio	Lower	Upper
45	100		
46	104.6	16.8	67.4#

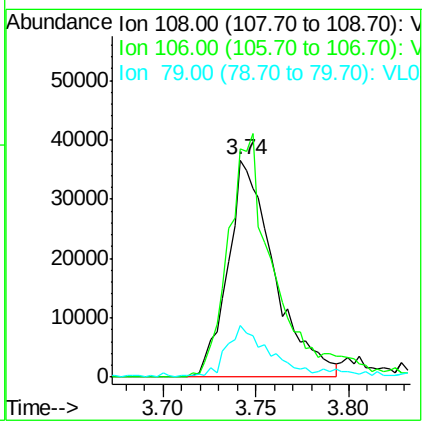


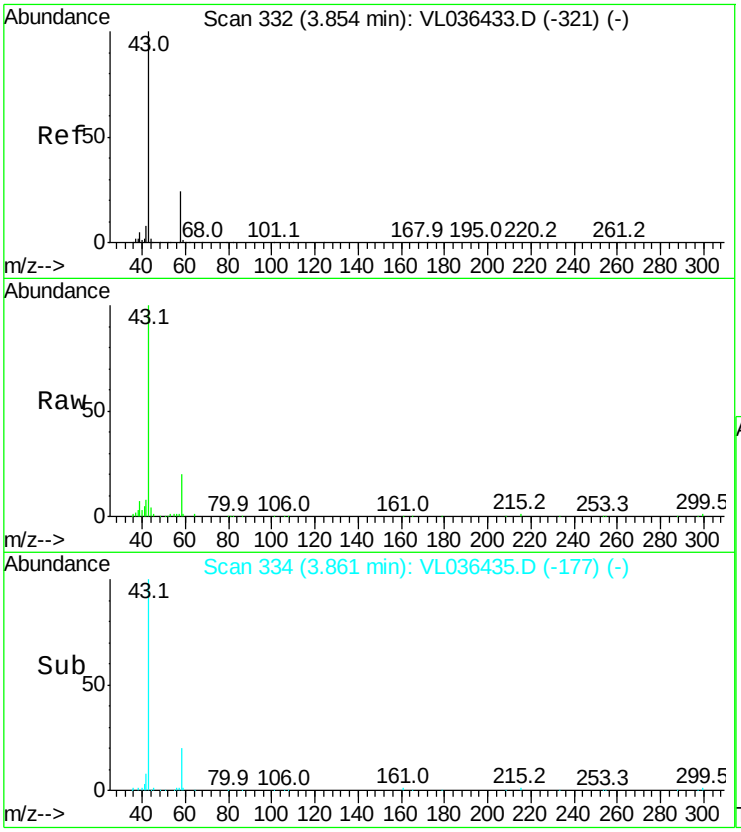


#14
Bromoethene
Concen: 0.981 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:108 Resp: 63748

Ion	Ratio	Lower	Upper
108	100		
106	114.9	87.0	130.4
79	22.7	17.1	25.7



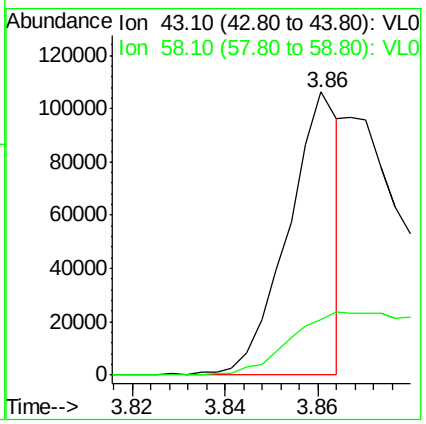


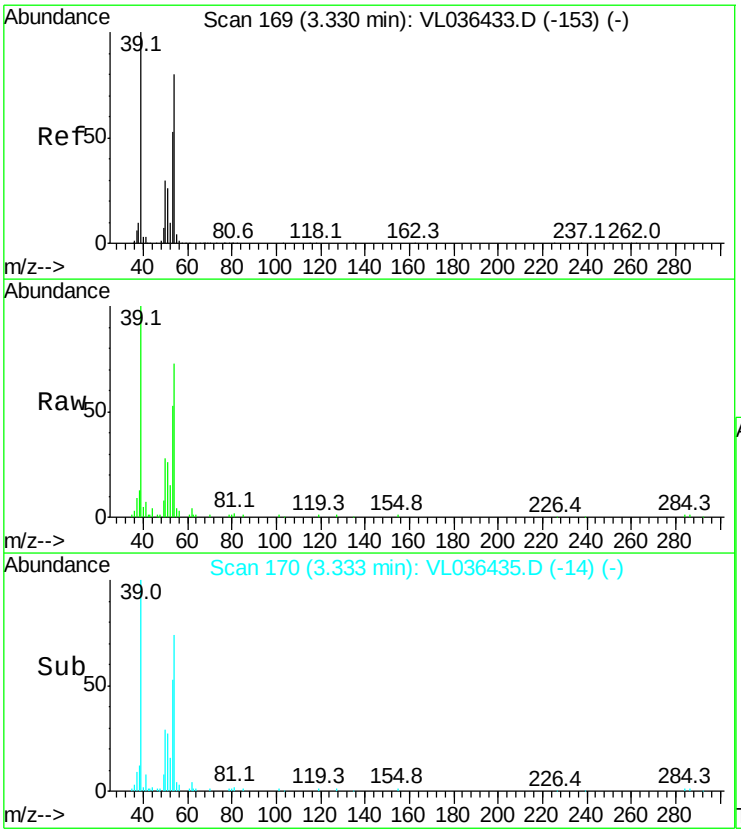
#15
Acetone
Concen: 0.384 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 80502

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.0	31.6#

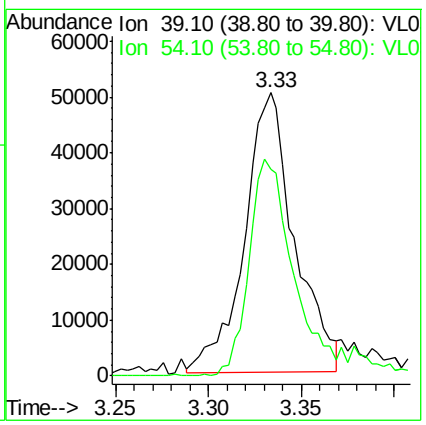


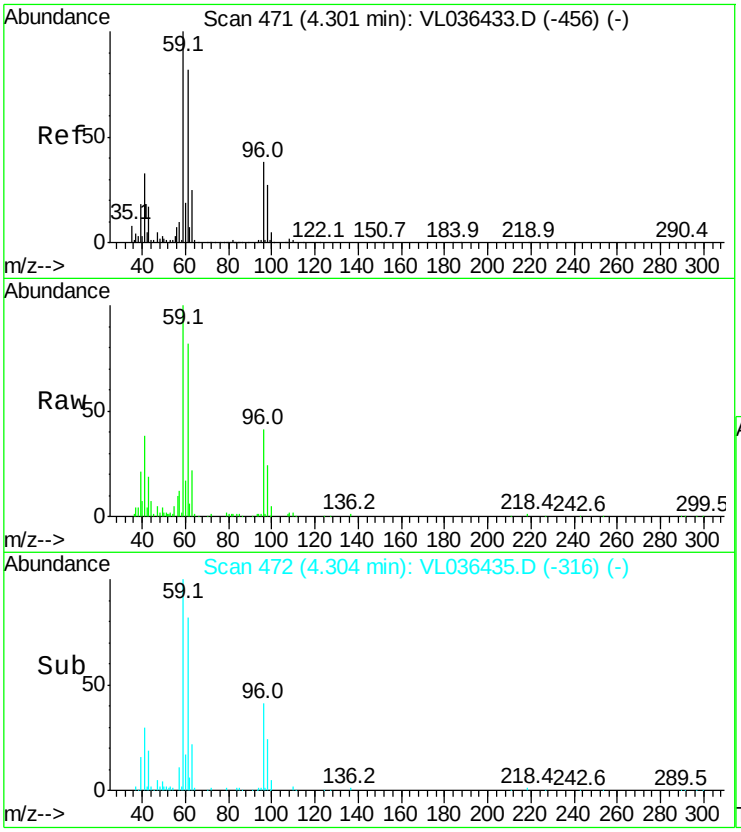


#16
1,3-Butadiene
Concen: 0.936 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 39 Resp: 93780

Ion	Ratio	Lower	Upper
39	100		
54	76.6	64.5	96.7



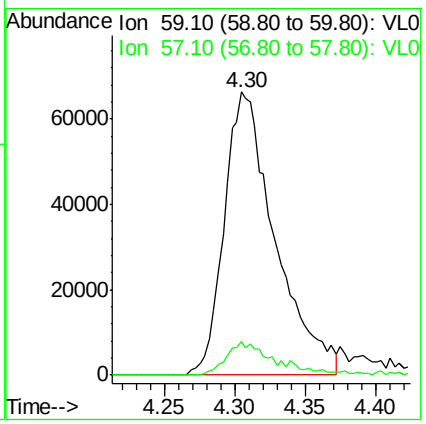


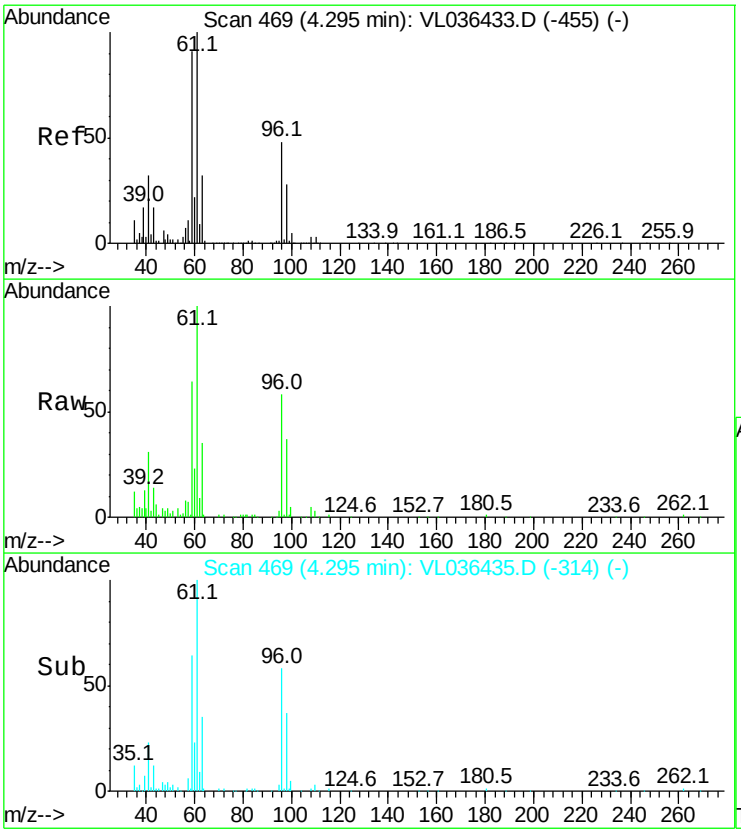
#17
tert-Butyl alcohol
Concen: 1.026 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 167018

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.9	13.3

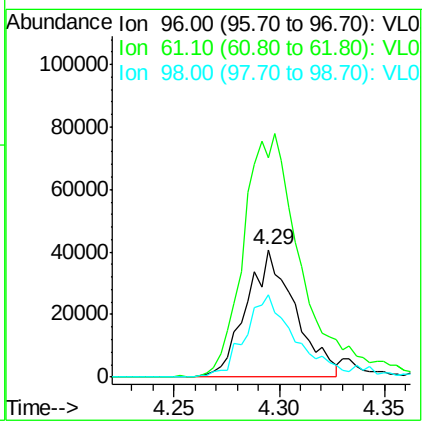


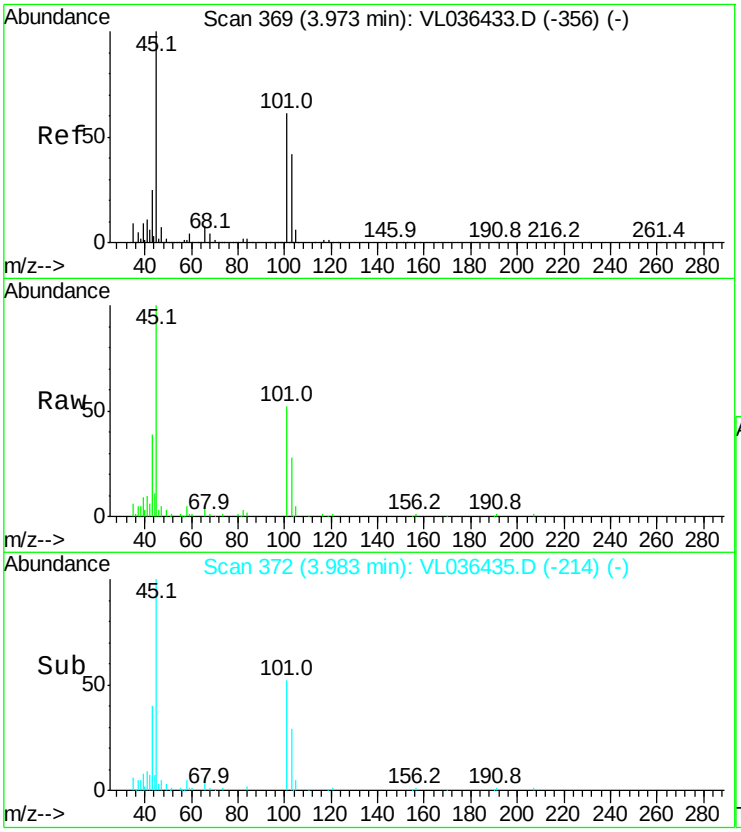


#18
1,1-Dichloroethene
Concen: 0.936 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 96 Resp: 66030

Ion	Ratio	Lower	Upper
96	100		
61	172.0	168.2	252.2
98	64.2	47.8	71.6



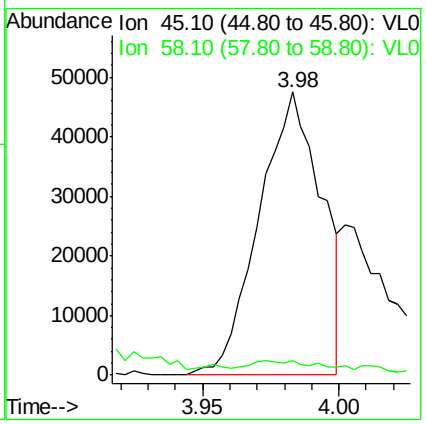


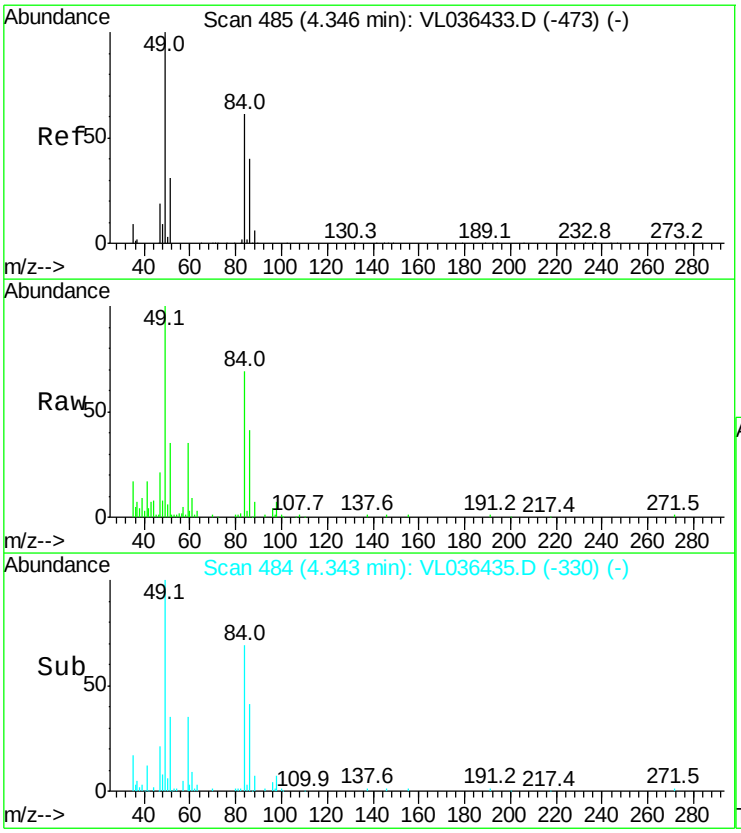
#19
Isopropyl Alcohol
Concen: 0.651 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 75648

Ion	Ratio	Lower	Upper
45	100		
58	7.9	2.0	3.0#

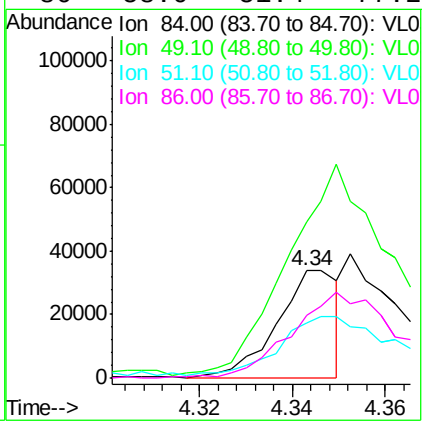


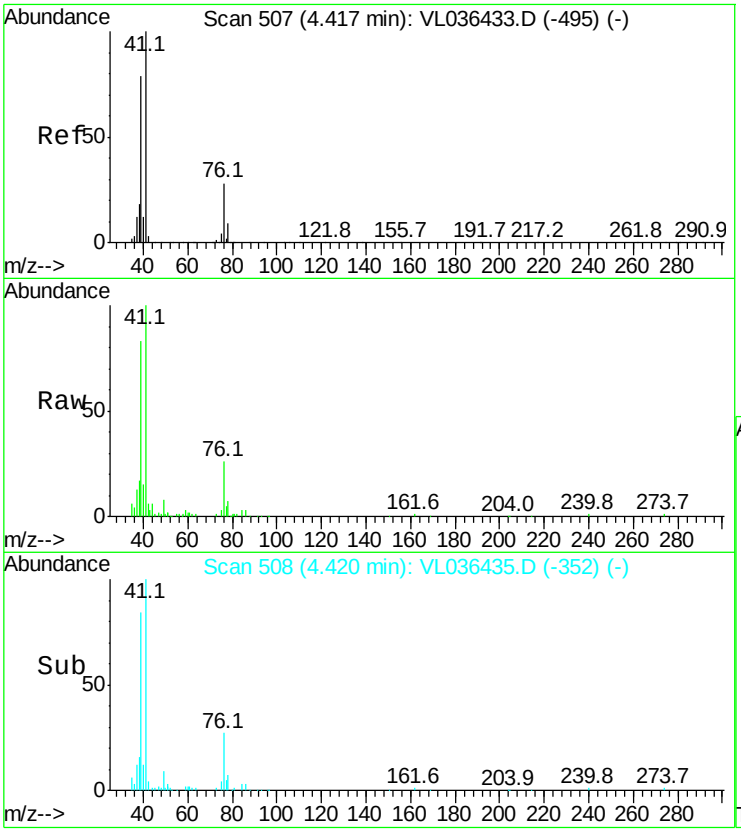


#20
Methylene Chloride
Concen: 0.457 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 84 Resp: 30939

Ion	Ratio	Lower	Upper
84	100		
49	141.0	130.2	195.2
51	48.1	40.5	60.7
86	58.0	51.4	77.2



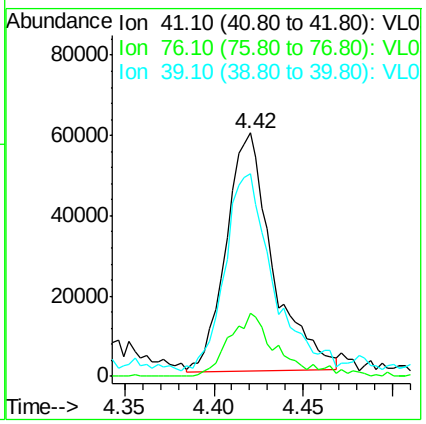


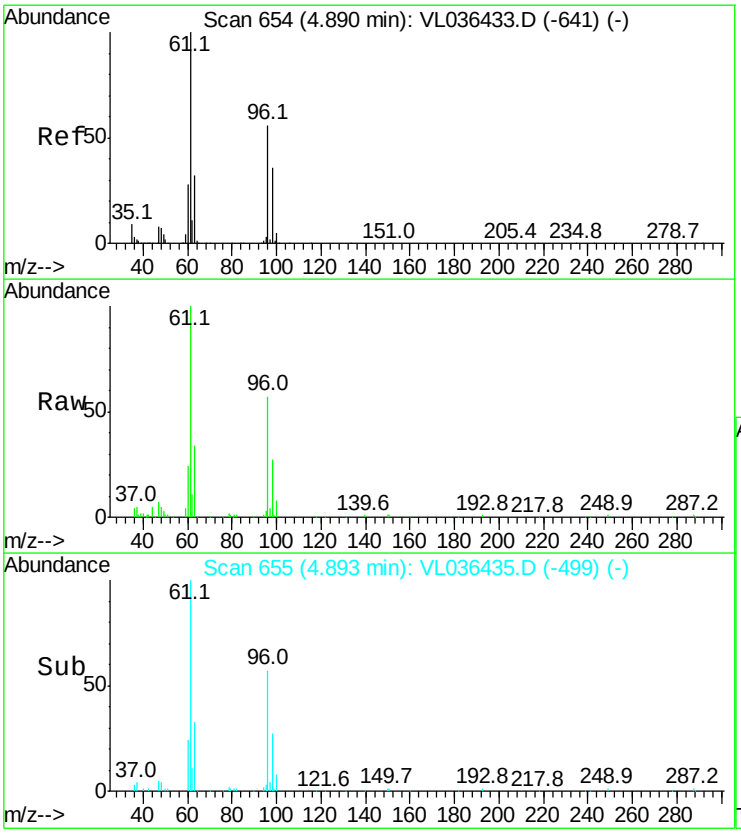
#21
Allyl Chloride
Concen: 0.933 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 108851

Ion	Ratio	Lower	Upper
41	100		
76	27.9	21.8	32.8
39	93.1	66.0	99.0

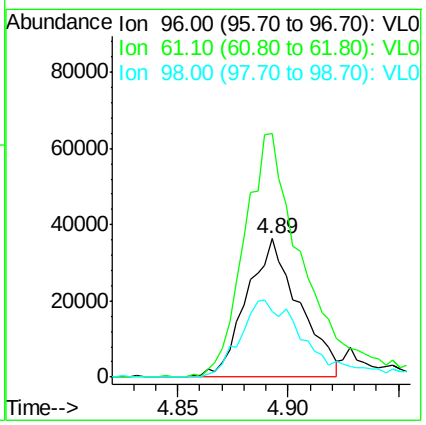


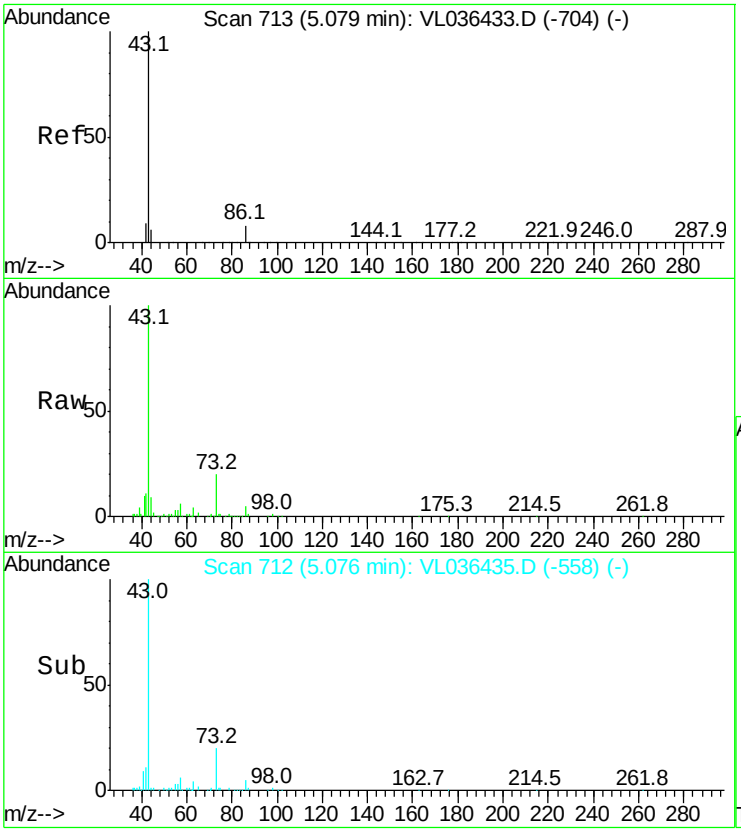


#22
trans-1,2-Dichloroethene
Concen: 0.943 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 96 Resp: 60427

Ion	Ratio	Lower	Upper
96	100		
61	175.4	142.1	213.1
98	47.4	50.6	75.8#



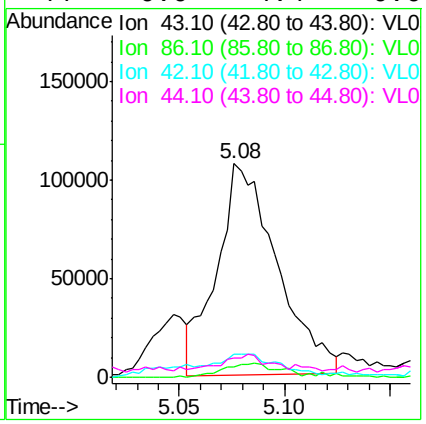


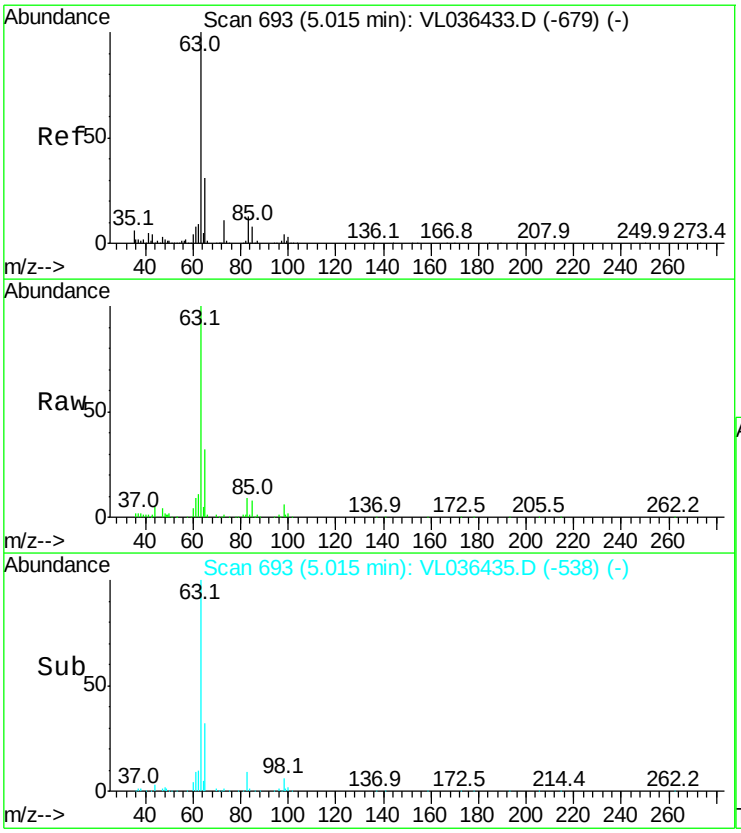
#23
Vinyl Acetate
Concen: 0.863 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 212767

Ion	Ratio	Lower	Upper
43	100		
86	4.8	5.2	7.8#
42	10.2	8.3	12.5
44	6.0	4.4	6.6

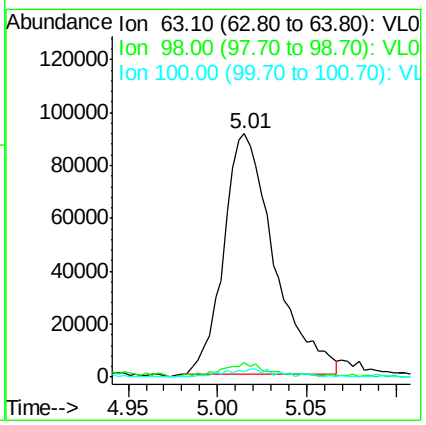


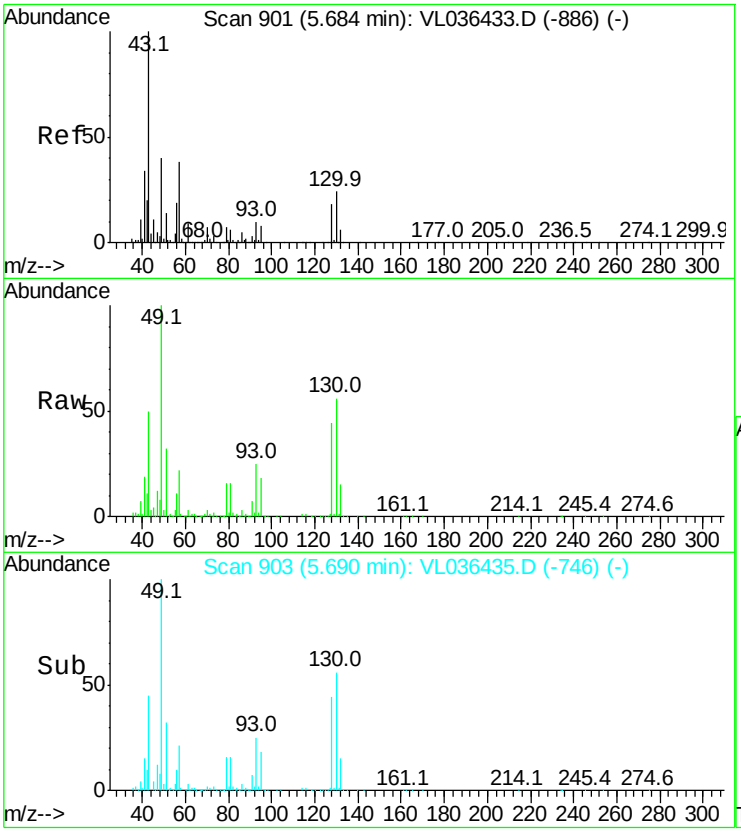


#24
1,1-Dichloroethane
Concen: 0.985 ppbv
RT: 5.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 63 Resp: 179607

Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.0	5.8
100	2.2	1.3	3.8



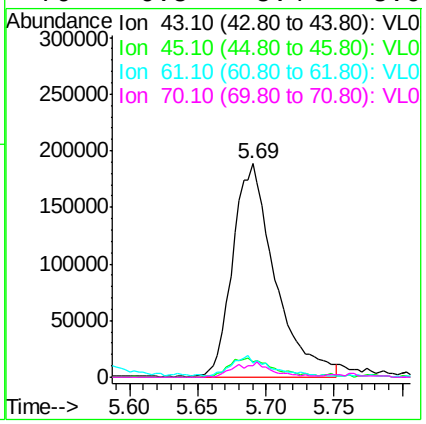


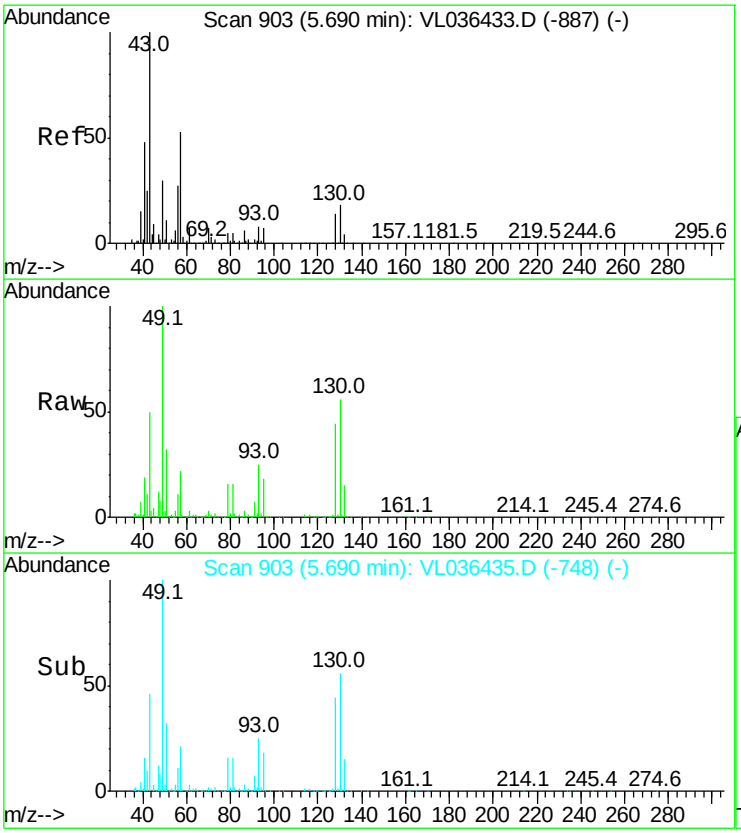
#25
Ethyl Acetate
Concen: 0.999 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 404414

Ion	Ratio	Lower	Upper
43	100		
45	11.4	8.0	12.0
61	10.9	7.7	11.5
70	6.5	5.4	8.0

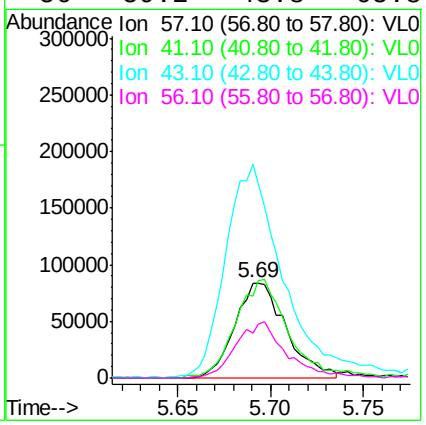


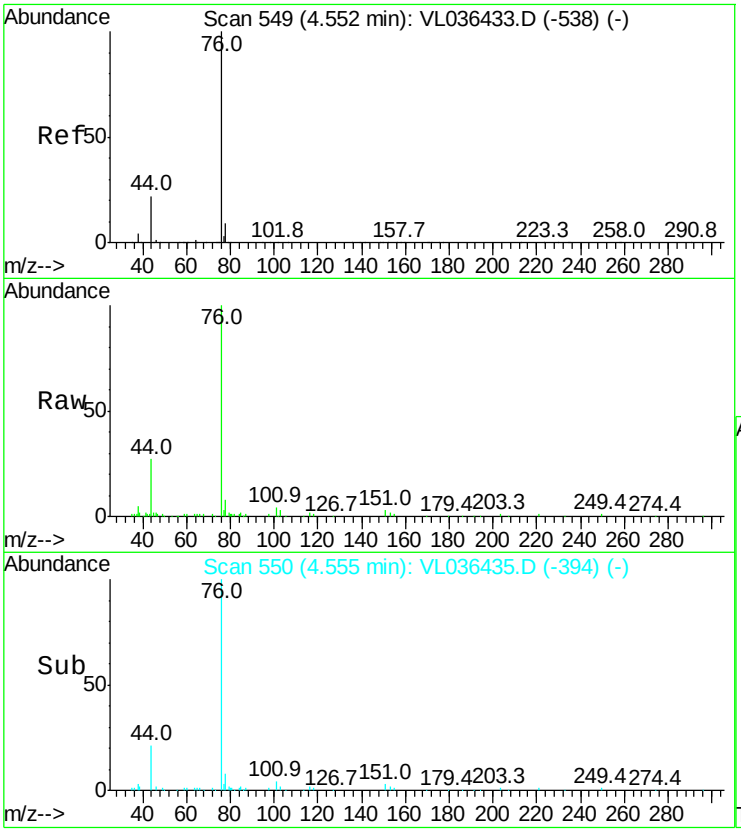


#26
Hexane
Concen: 0.969 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 57 Resp: 161115

Ion	Ratio	Lower	Upper
57	100		
41	110.6	80.4	120.6
43	262.0	199.8	299.6
56	59.2	43.8	65.8



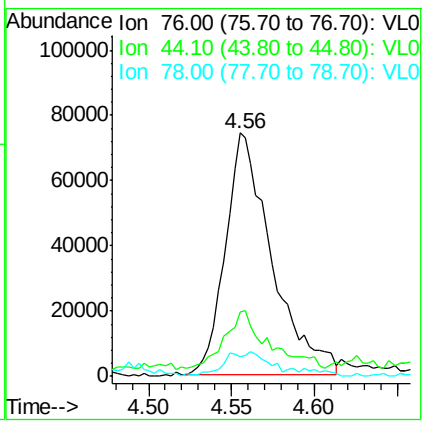


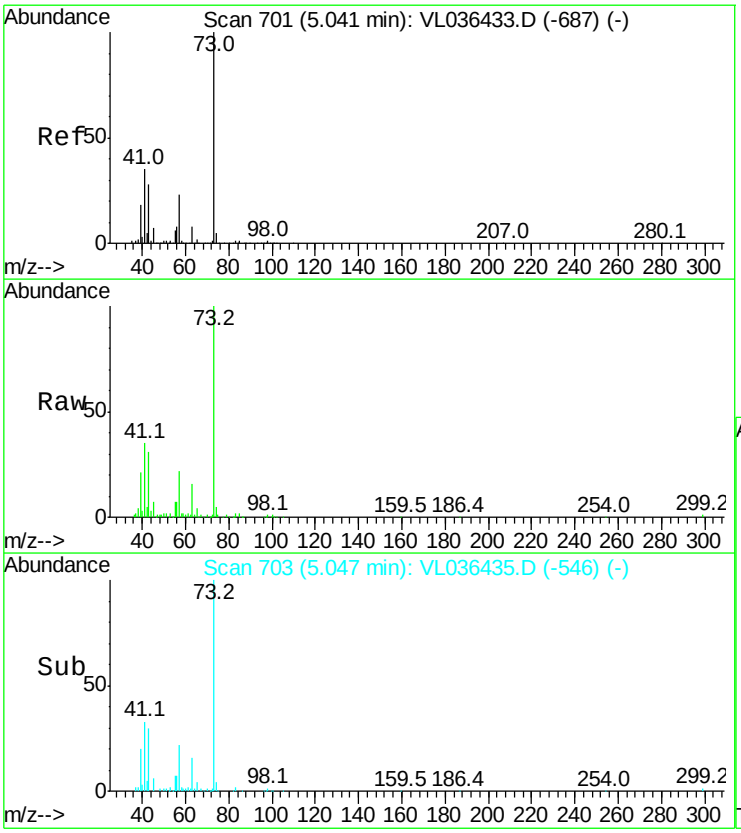
#27
Carbon Disulfide
Concen: 0.945 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 144356

Ion	Ratio	Lower	Upper
76	100		
44	28.2	17.4	26.0#
78	12.0	7.4	11.0#

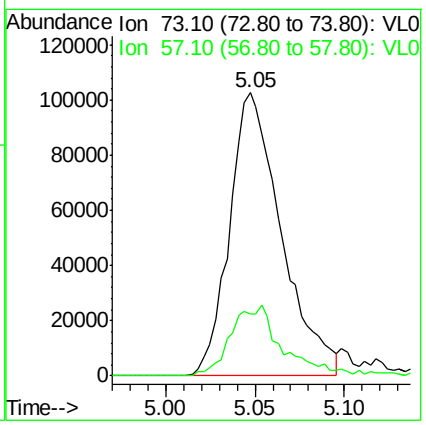


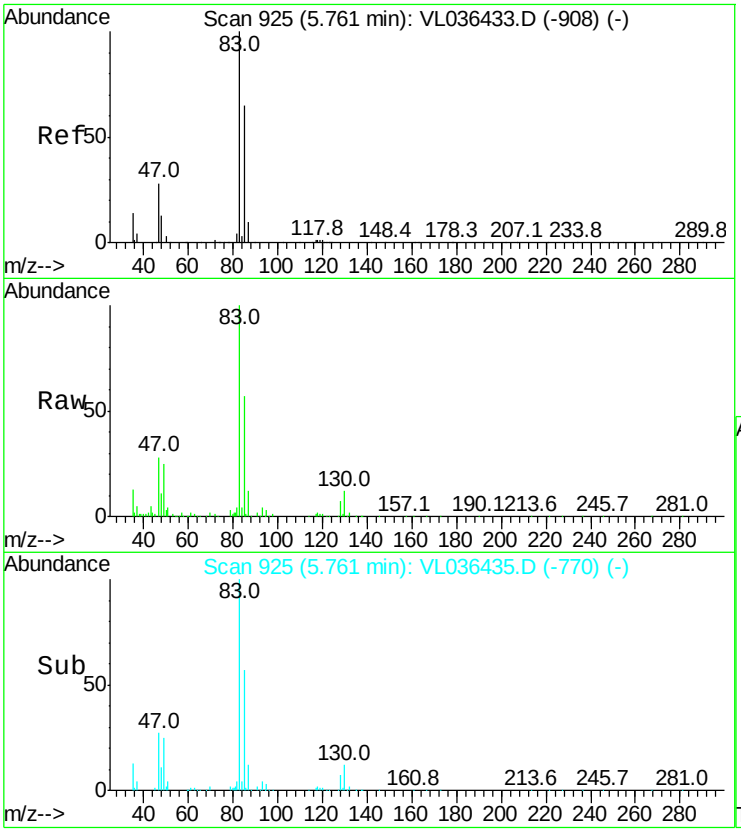


#28
Methyl tert-Butyl Ether
Concen: 0.953 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 73 Resp: 207033

Ion	Ratio	Lower	Upper
73	100		
57	25.8	19.0	28.6



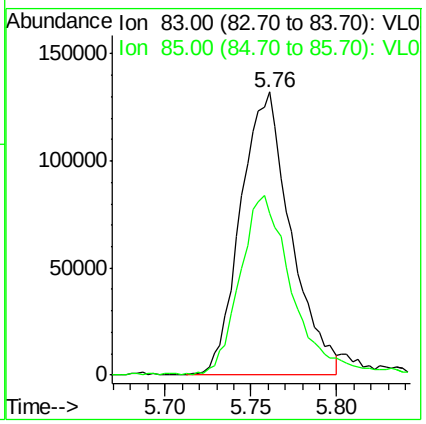


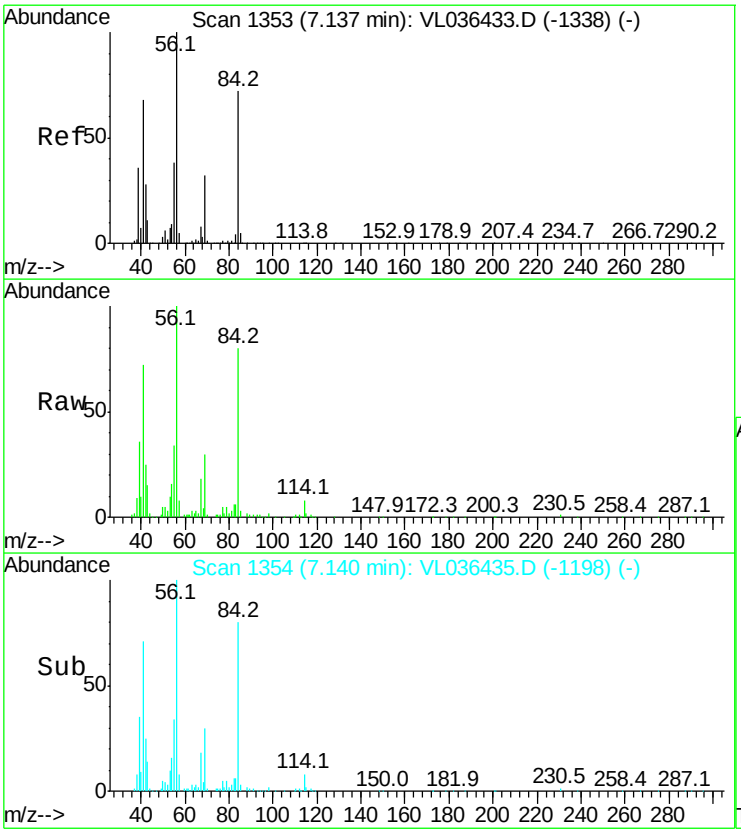
#29
Chloroform
Concen: 1.002 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 268372

Ion	Ratio	Lower	Upper
83	100		
85	56.4	51.9	77.9

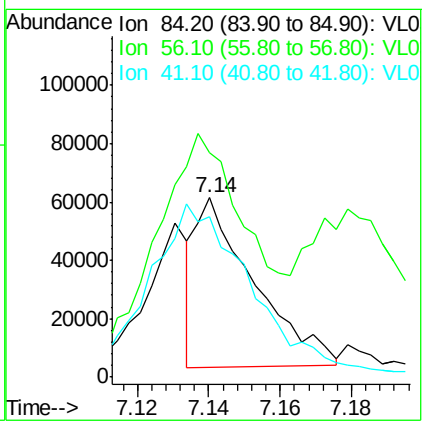


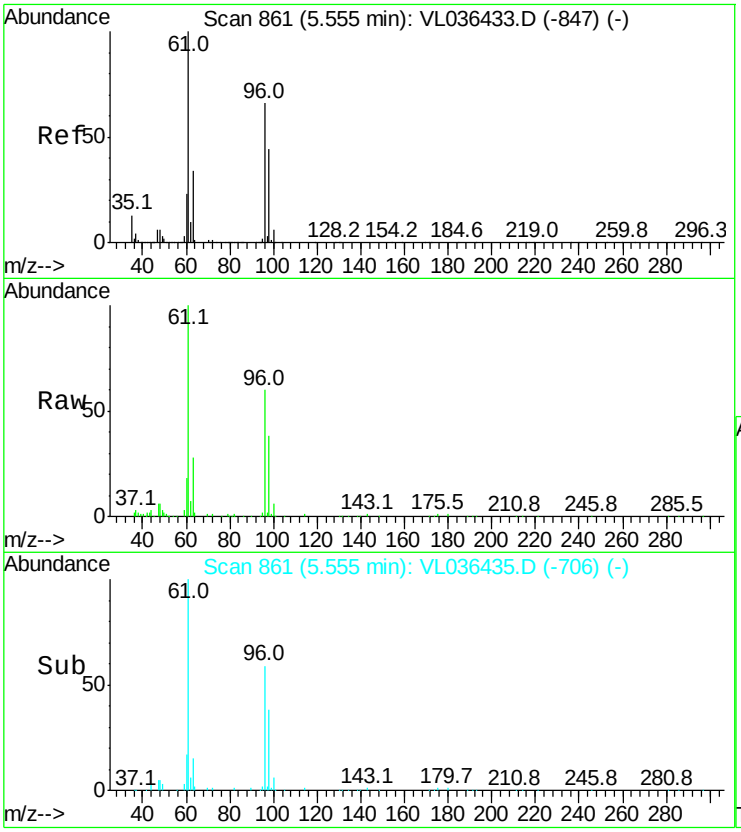


#30
Cyclohexane
Concen: 0.473 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 84 Resp: 65422

Ion	Ratio	Lower	Upper
84	100		
56	228.2	117.6	176.4#
41	192.8	75.9	113.9#



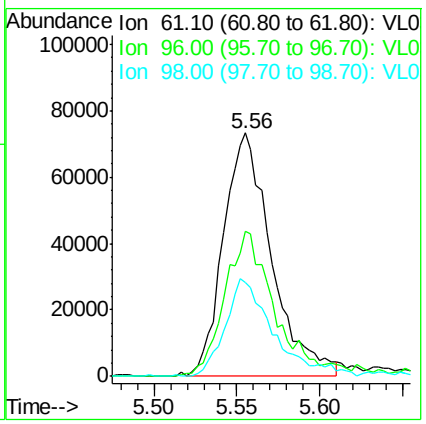


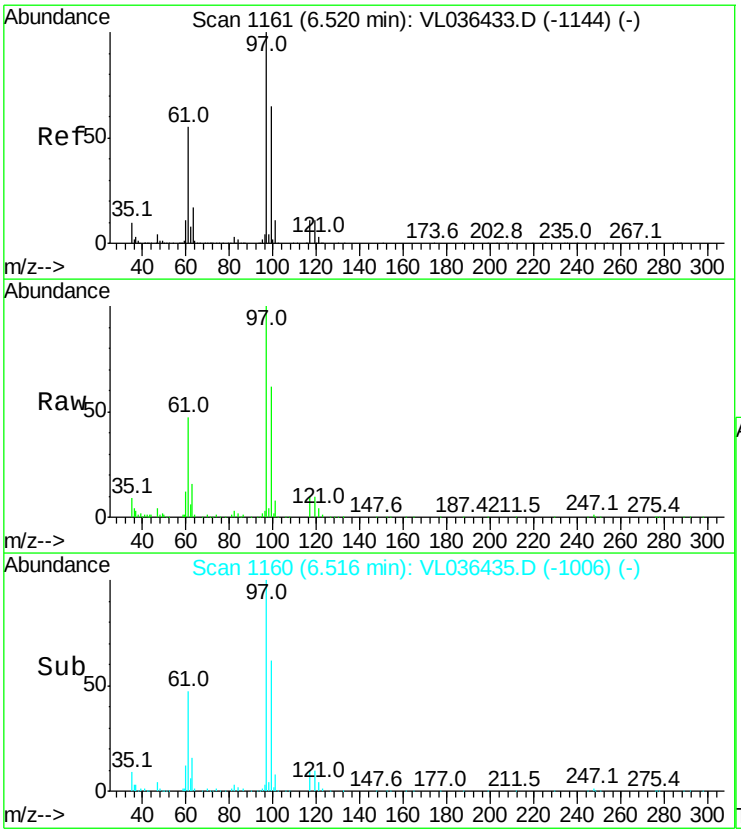
#31
cis-1,2-Dichloroethene
Concen: 0.893 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 146925

Ion	Ratio	Lower	Upper
61	100		
96	58.7	52.9	79.3
98	38.5	34.9	52.3

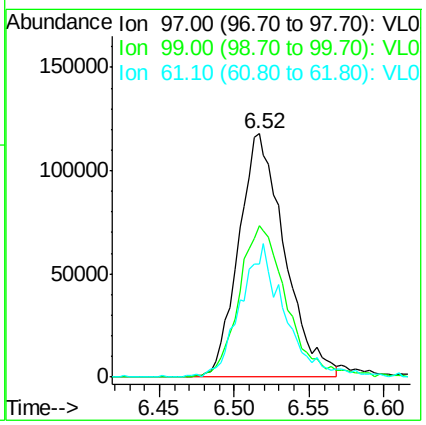


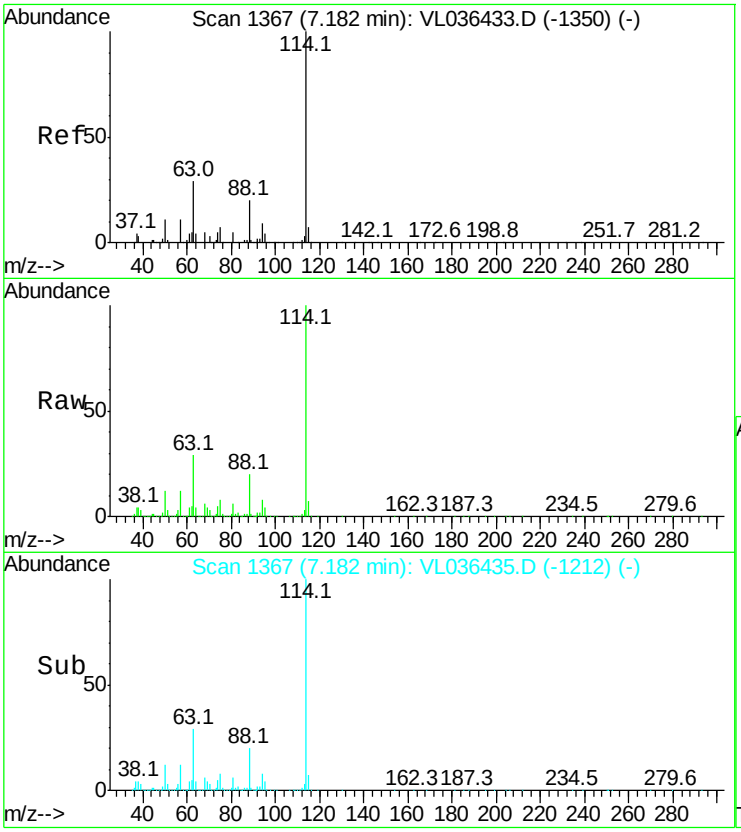


#32
1,1,1-Trichloroethane
Concen: 1.010 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 97 Resp: 253051

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	53.1	42.2	63.4



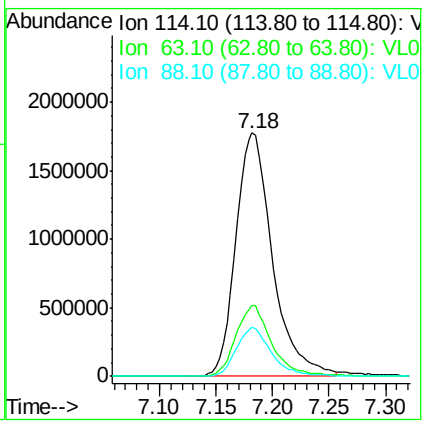


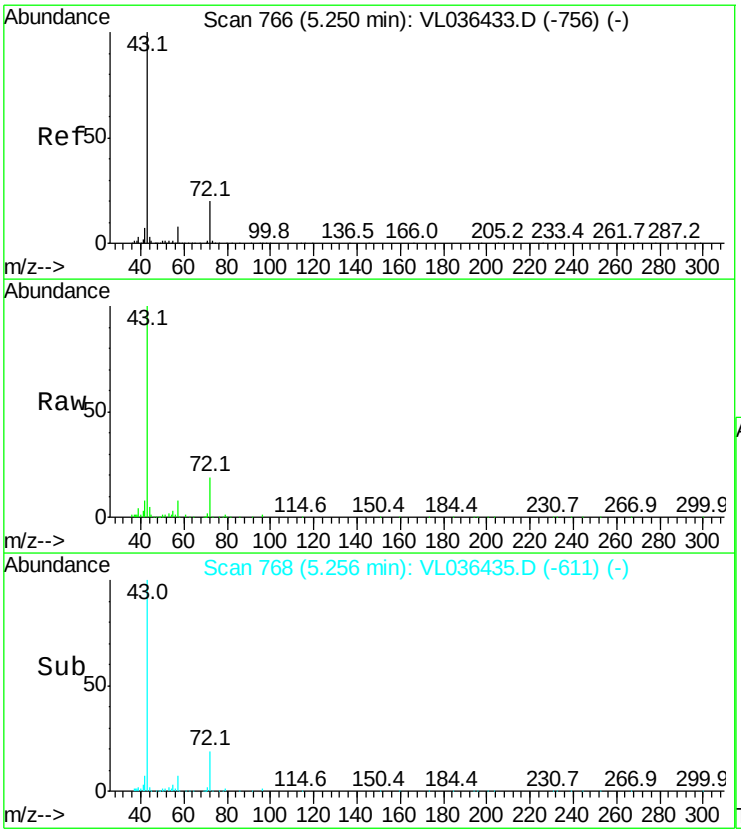
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 4011665

Ion	Ratio	Lower	Upper
114	100		
63	28.8	23.3	34.9
88	19.5	15.6	23.4

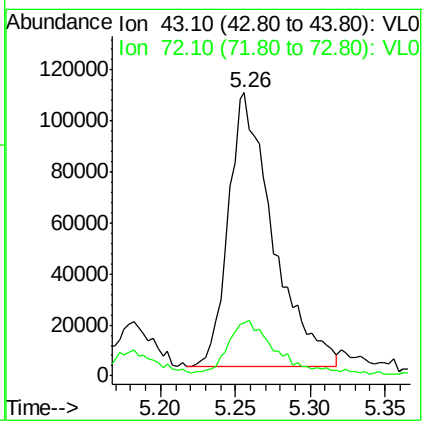


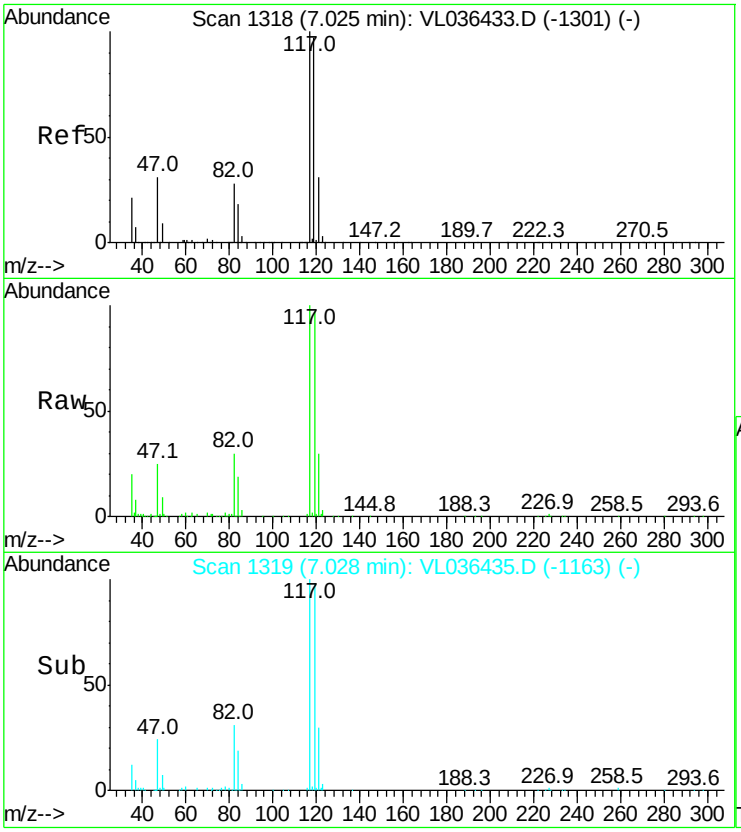


#34
2-Butanone
Concen: 0.843 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 43 Resp: 224726

Ion	Ratio	Lower	Upper
43	100		
72	24.6	16.7	25.1



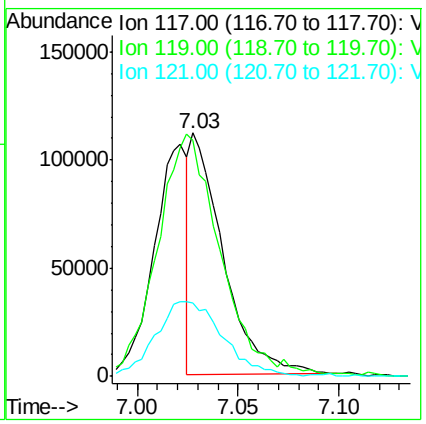


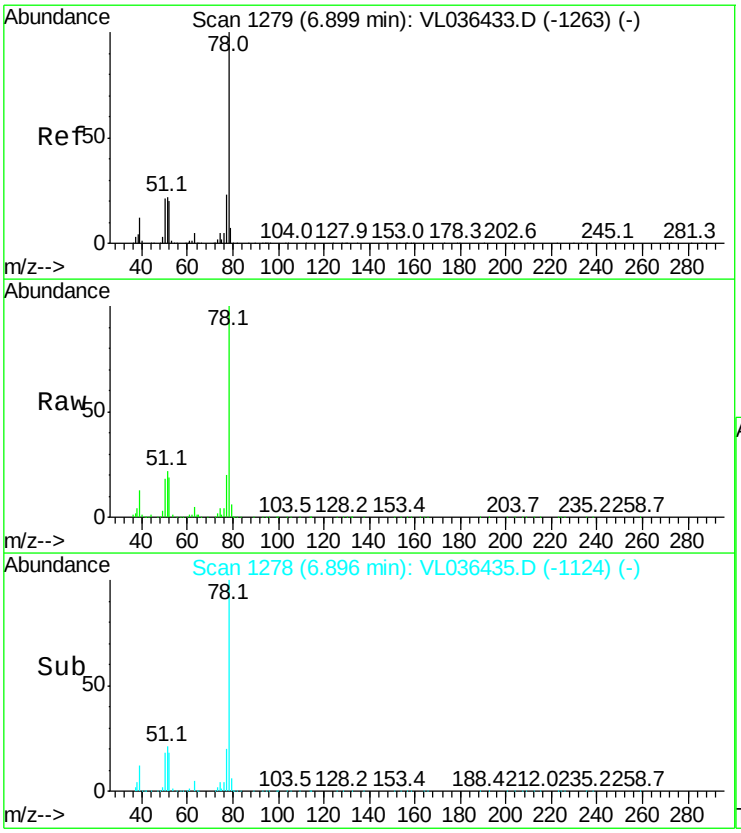
#35
Carbon Tetrachloride
Concen: 0.465 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 125101

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.6
121	30.0	24.6	36.8

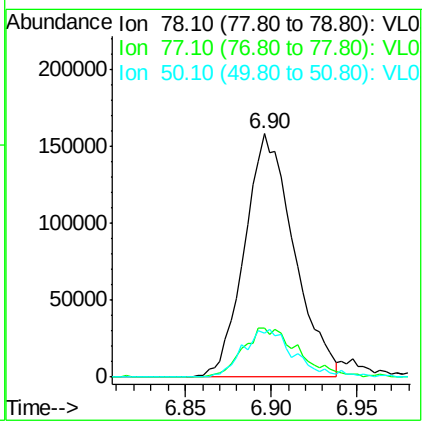


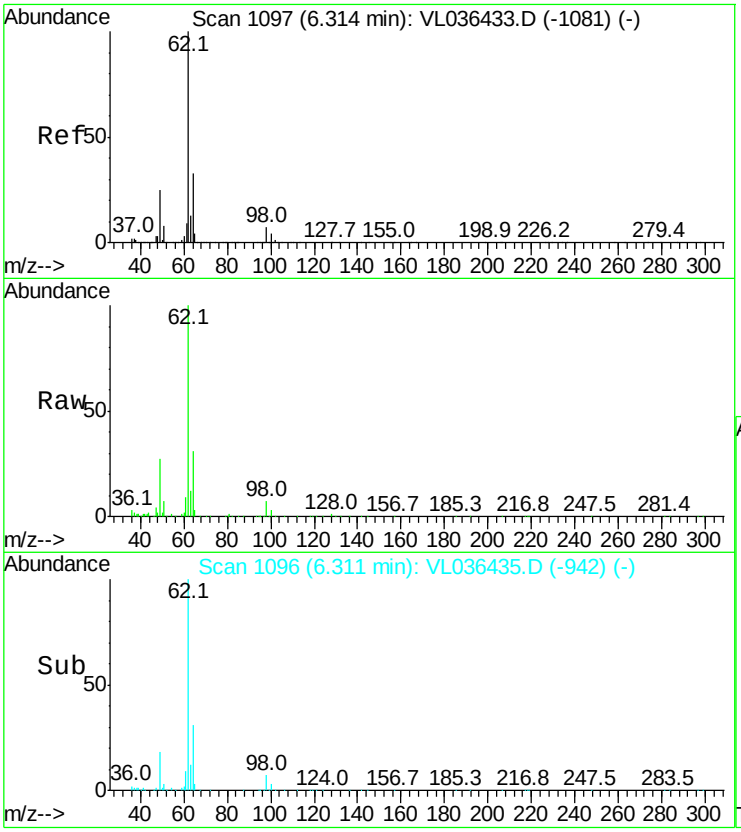


#36
Benzene
Concen: 0.917 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 78 Resp: 312577

Ion	Ratio	Lower	Upper
78	100		
77	20.3	18.1	27.1
50	17.8	16.8	25.2



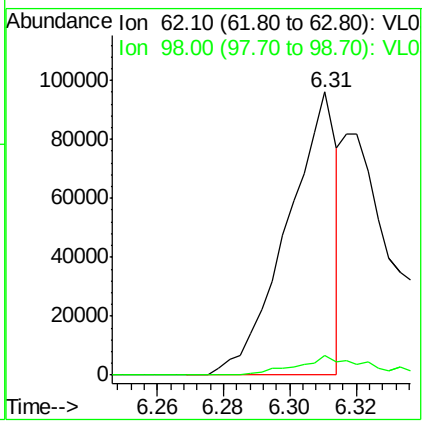


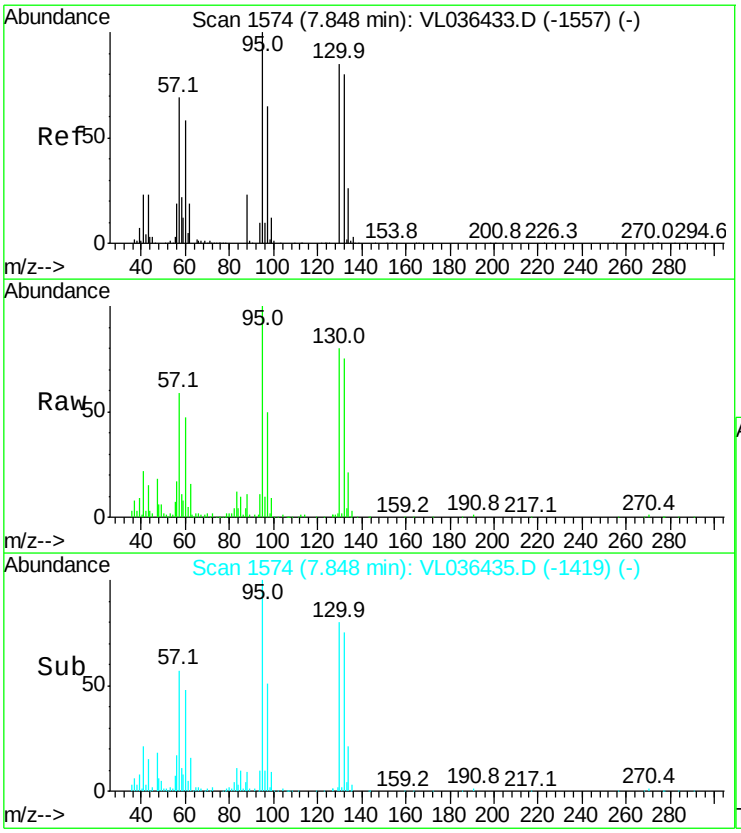
#37
1,2-Dichloroethane
Concen: 0.470 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 99084

Ion	Ratio	Lower	Upper
62	100		
98	12.8	4.8	7.2#

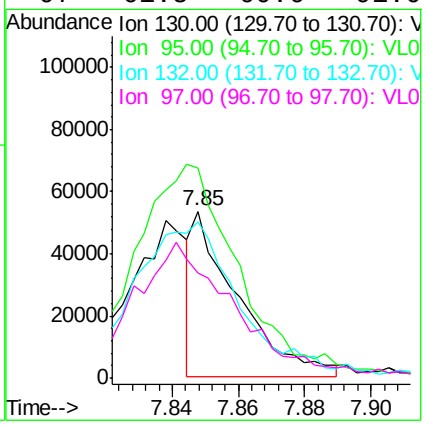


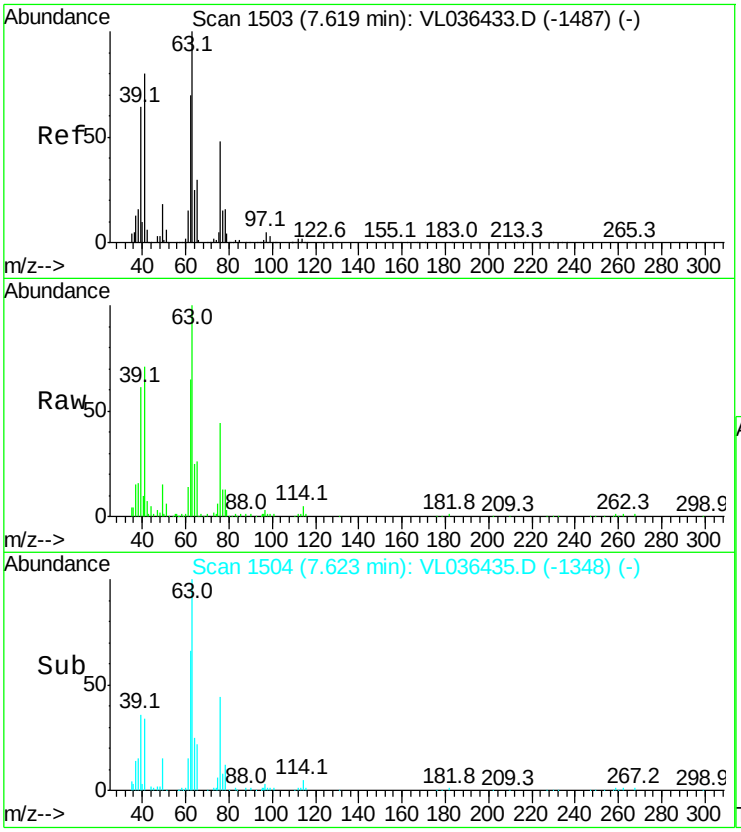


#38
Trichloroethene
Concen: 0.409 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:130 Resp: 49963

Ion	Ratio	Lower	Upper
130	100		
95	126.6	93.8	140.8
132	95.3	74.6	112.0
97	61.5	60.6	91.0



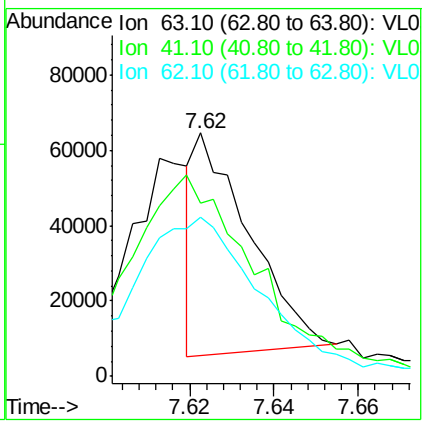


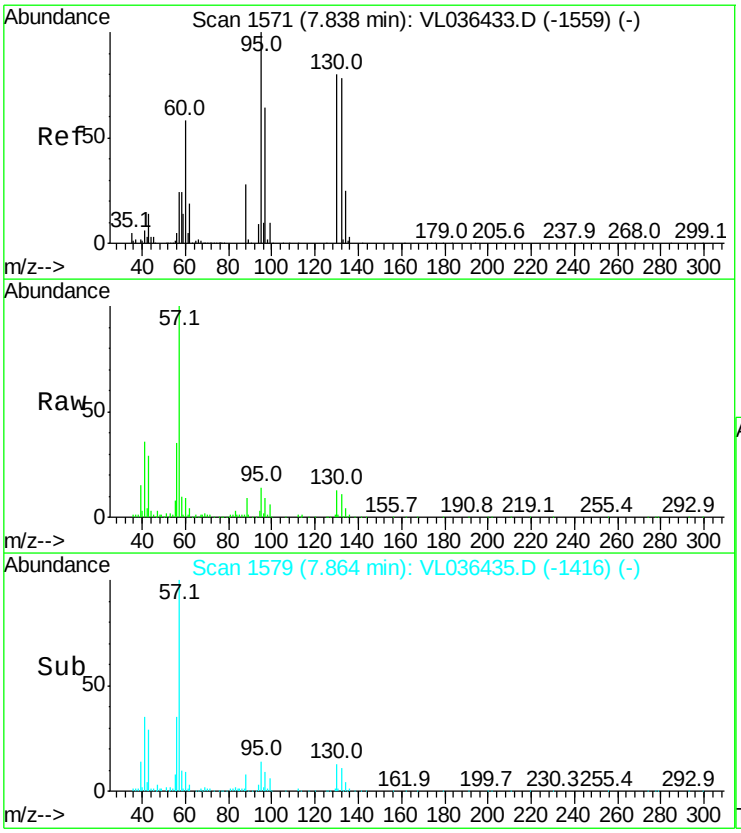
#39
1,2-Dichloropropane
Concen: 0.380 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 52564

Ion	Ratio	Lower	Upper
63	100		
41	69.6	64.4	96.6
62	64.9	55.7	83.5

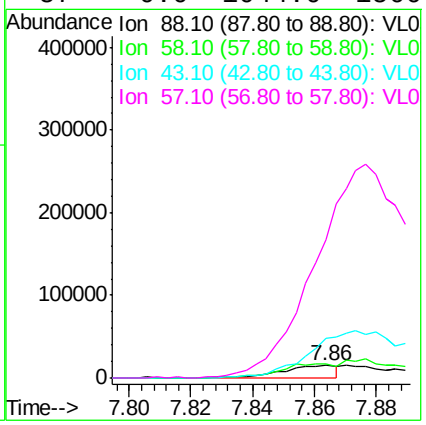


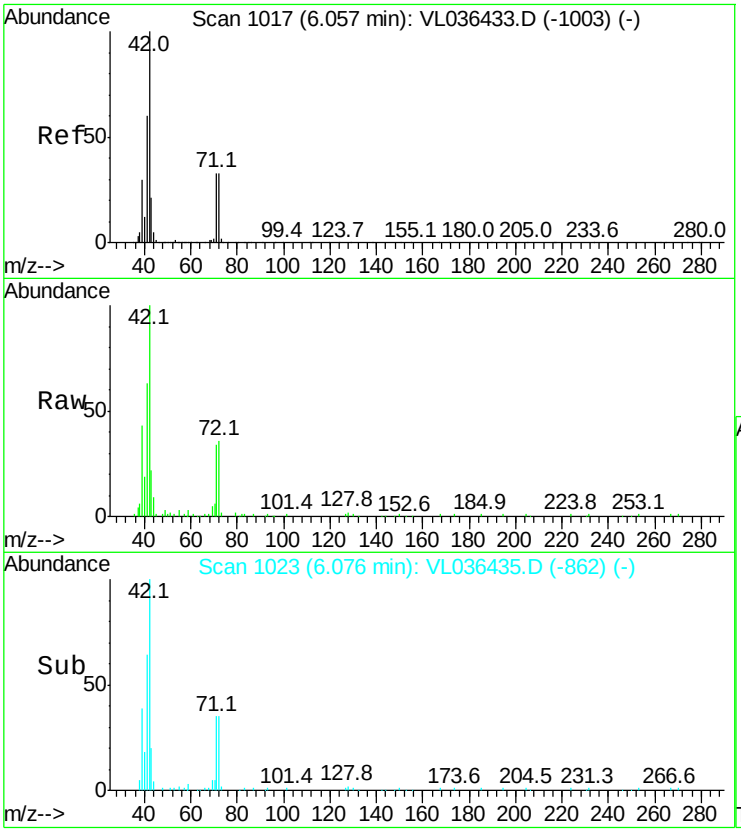


#40
1,4-Dioxane
Concen: 0.406 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.03 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 88 Resp: 19492

Ion	Ratio	Lower	Upper
88	100		
58	0.0	119.6	179.4#
43	0.0	254.2	381.4#
57	0.0	1044.0	1566.0#



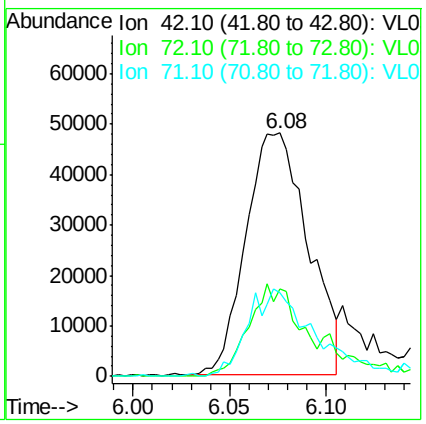


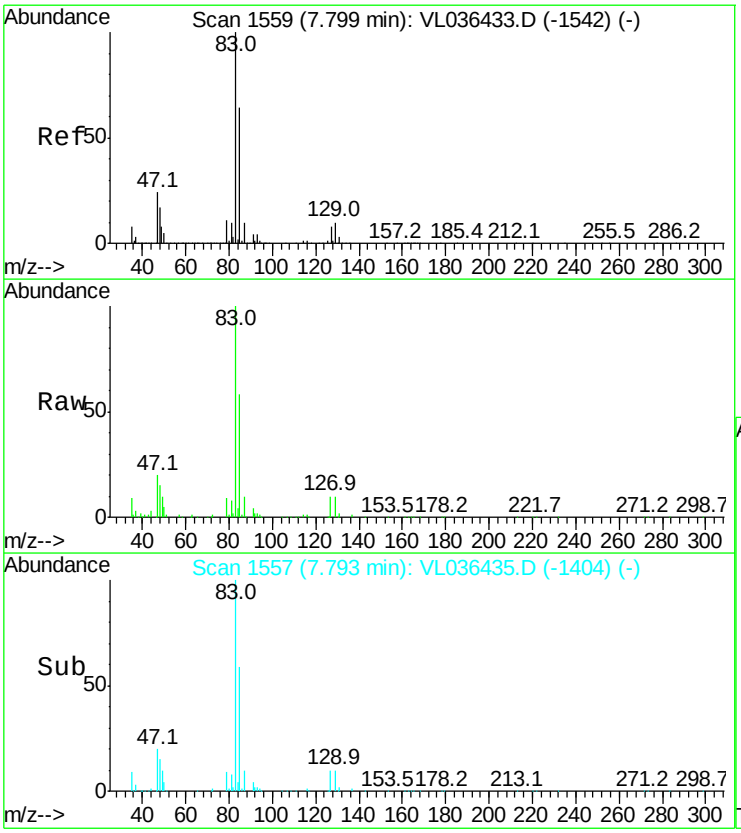
#41
Tetrahydrofuran
Concen: 0.724 ppbv
RT: 6.08
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 107666

Ion	Ratio	Lower	Upper
42	100		
72	41.2	28.1	42.1
71	38.7	27.6	41.4

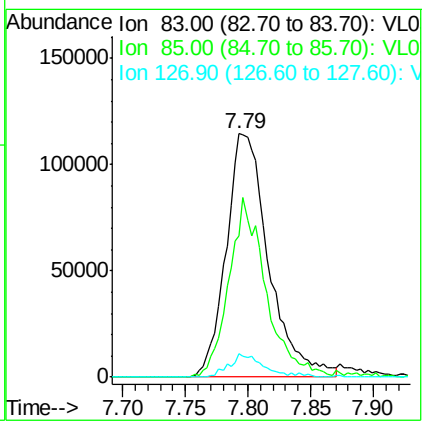


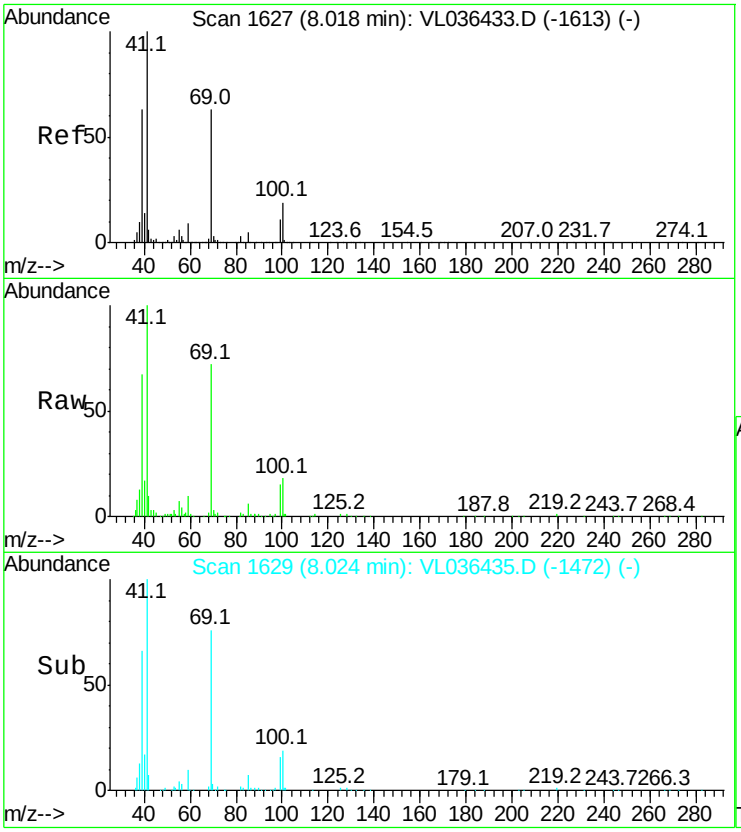


#42
Bromodichloromethane
Concen: 0.952 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 83 Resp: 268523

Ion	Ratio	Lower	Upper
83	100		
85	58.1	51.2	76.8
127	9.7	6.0	9.0#



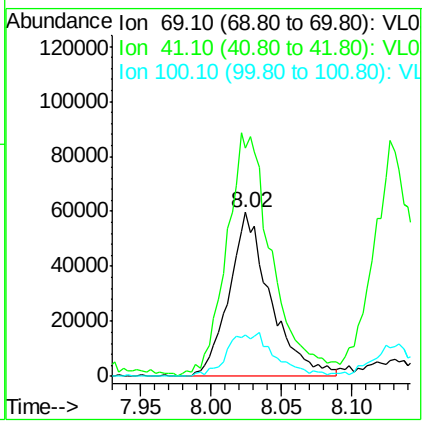


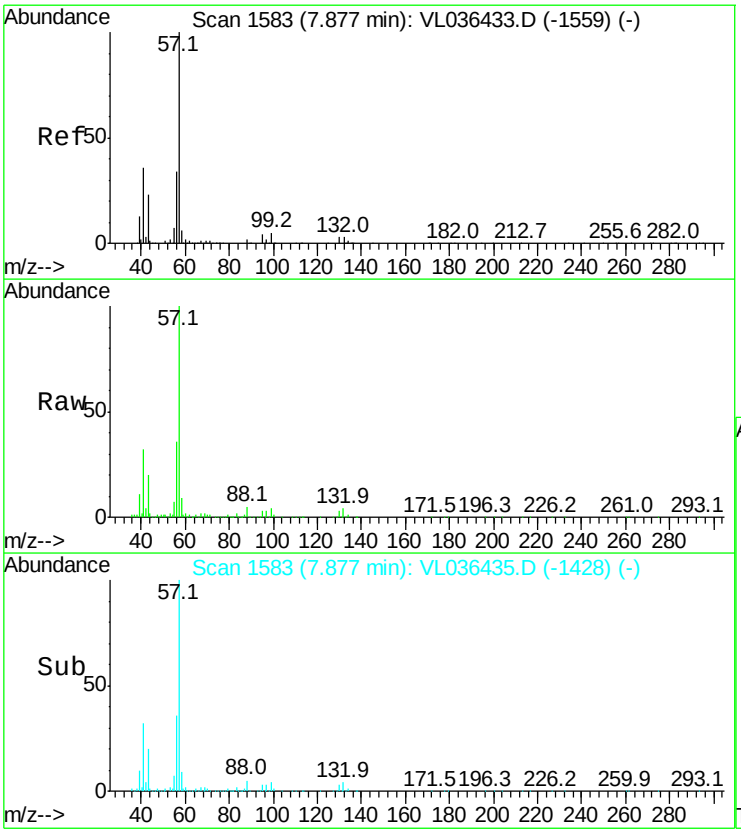
#43
Methyl Methacrylate
Concen: 0.849 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 122077

Ion	Ratio	Lower	Upper
69	100		
41	162.4	127.6	191.4
100	31.1	24.6	37.0

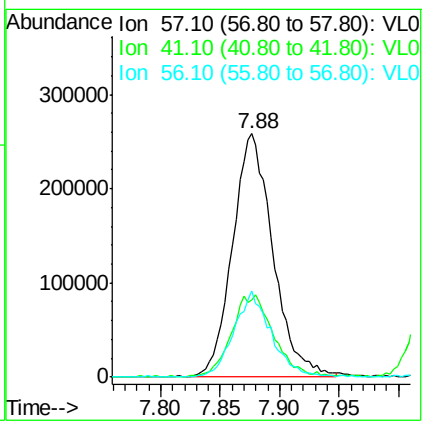


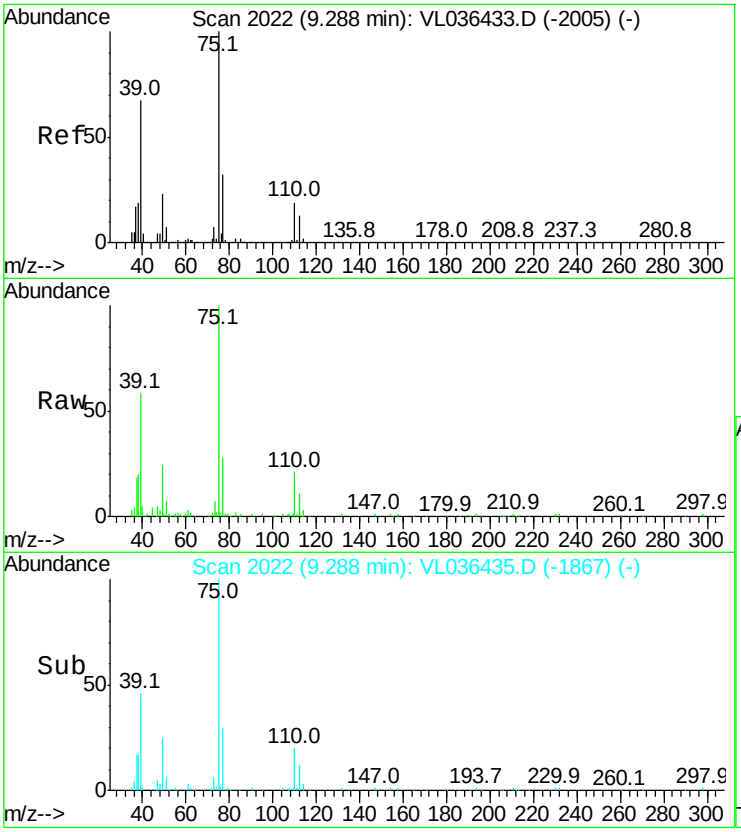


#44
2,2,4-Trimethylpentane
Concen: 0.977 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 57 Resp: 605636

Ion	Ratio	Lower	Upper
57	100		
41	35.5	28.2	42.2
56	32.9	25.9	38.9



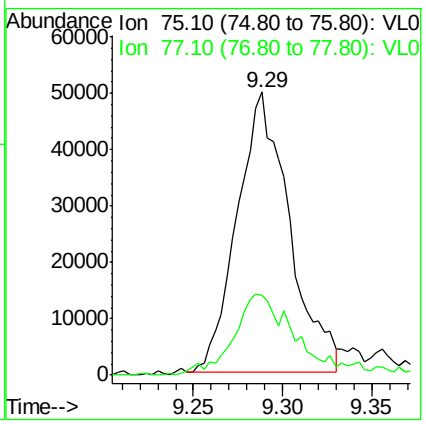


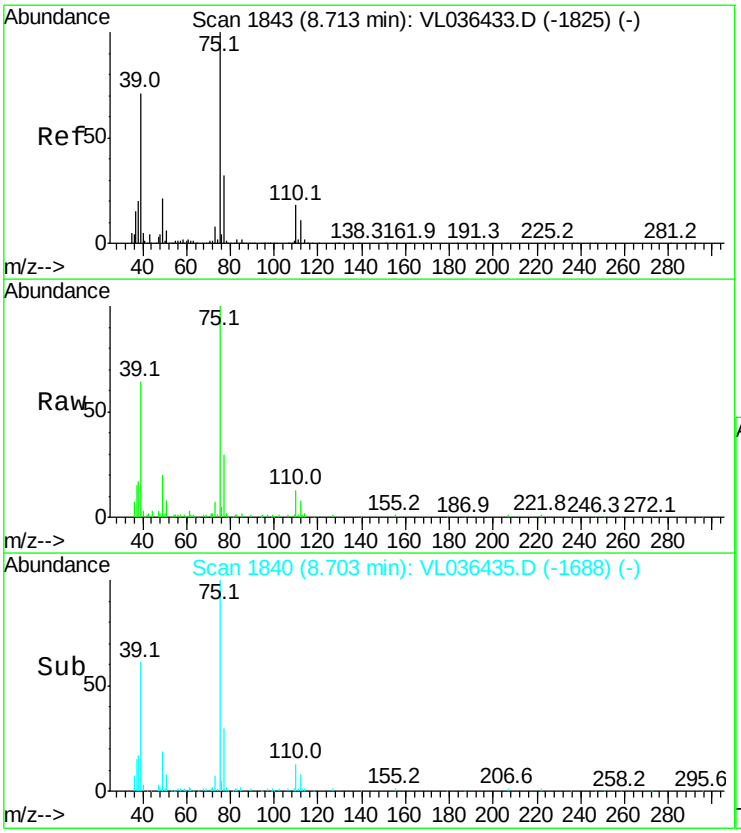
#45
t-1,3-Dichloropropene
Concen: 0.729 ppbv
RT: 9.29
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 101110

Ion	Ratio	Lower	Upper
75	100		
77	28.0	25.4	38.2

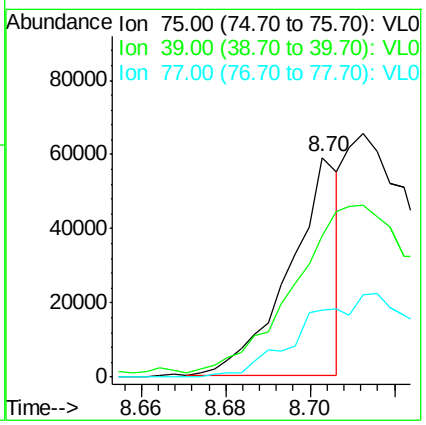


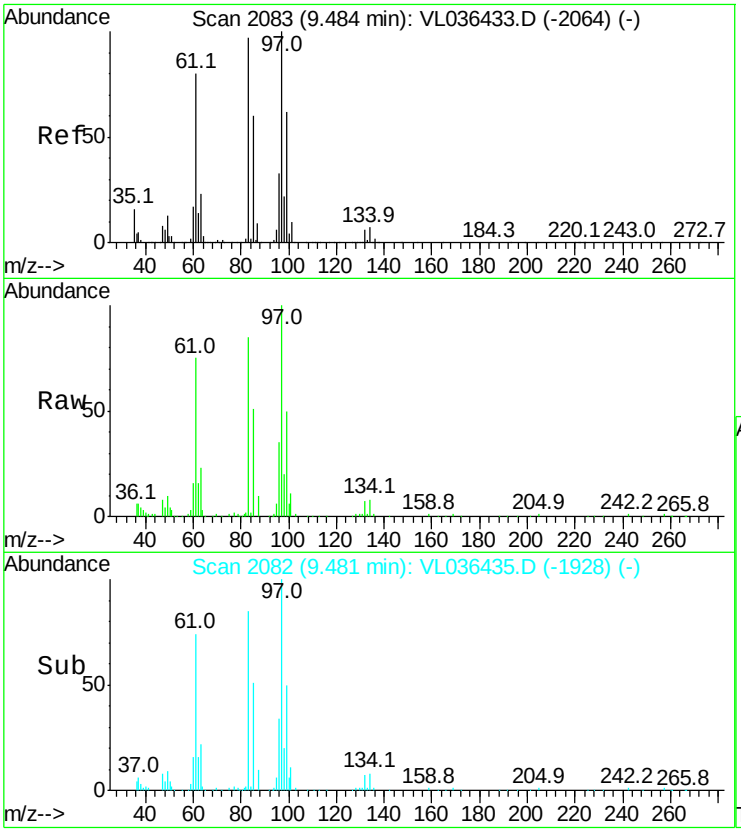


#46
cis-1,3-Dichloropropene
Concen: 0.274 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 75 Resp: 48271

Ion	Ratio	Lower	Upper
75	100		
39	62.5	57.1	85.7
77	30.7	25.3	37.9



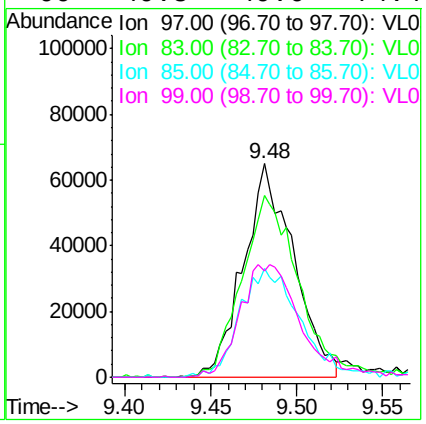


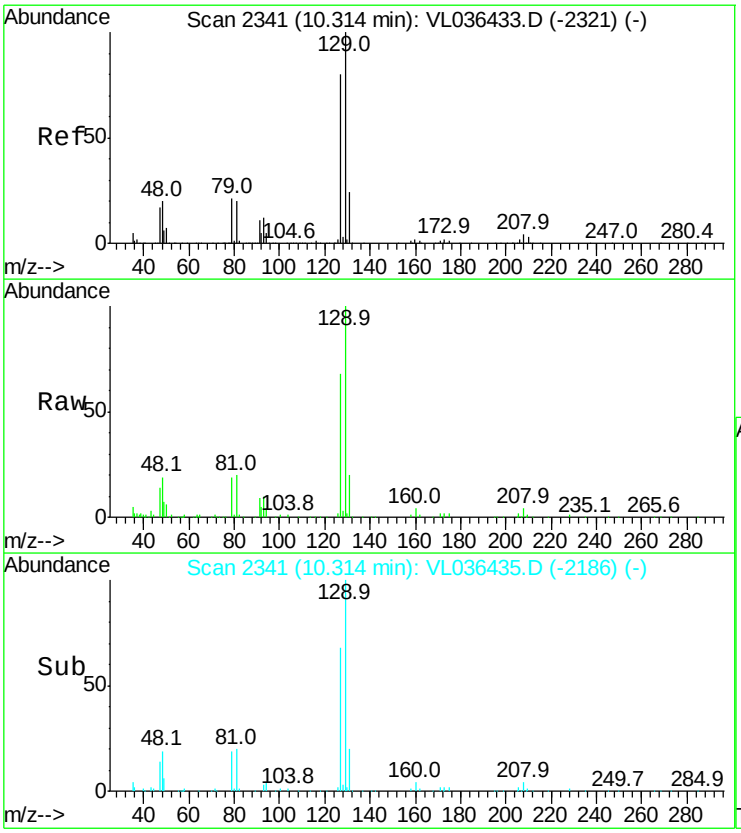
#47
1,1,2-Trichloroethane
Concen: 0.929 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 131574

Ion	Ratio	Lower	Upper
97	100		
83	84.1	77.8	116.8
85	50.4	47.6	71.4
99	49.8	49.6	74.4

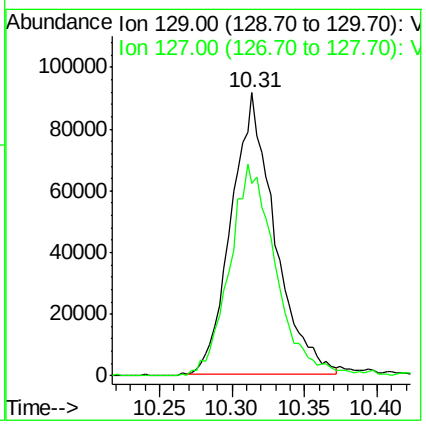


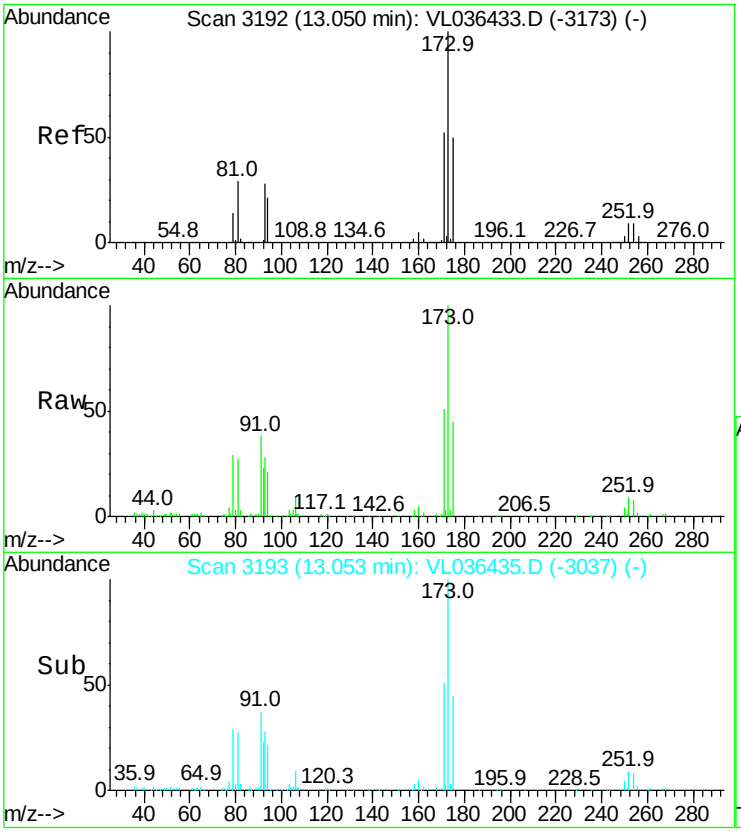


#48
Dibromochloromethane
Concen: 0.902 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:129 Resp: 190640

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.4	118.1



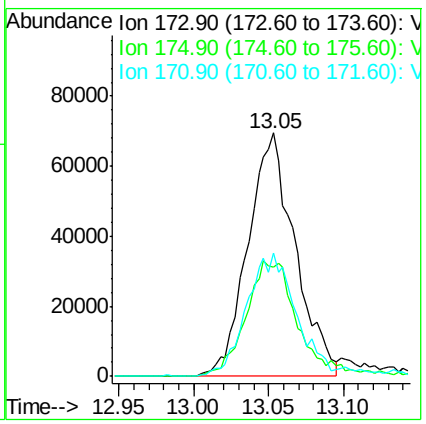


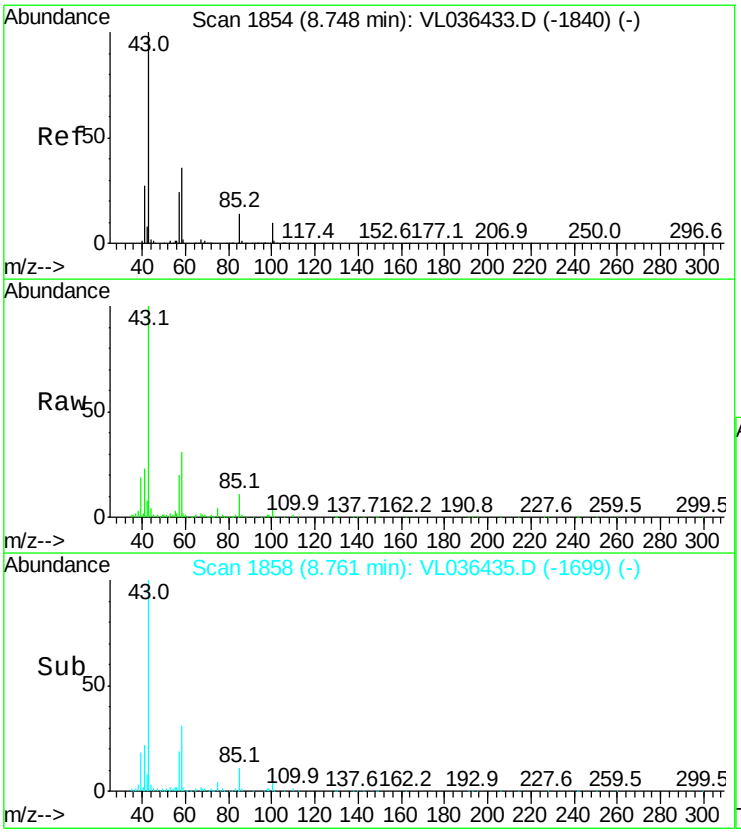
#49
Bromoform
Concen: 0.890 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 152130

Ion	Ratio	Lower	Upper
173	100		
175	53.9	40.7	61.1
171	55.9	43.0	64.4

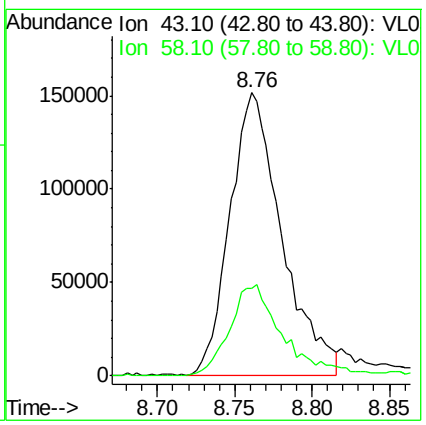


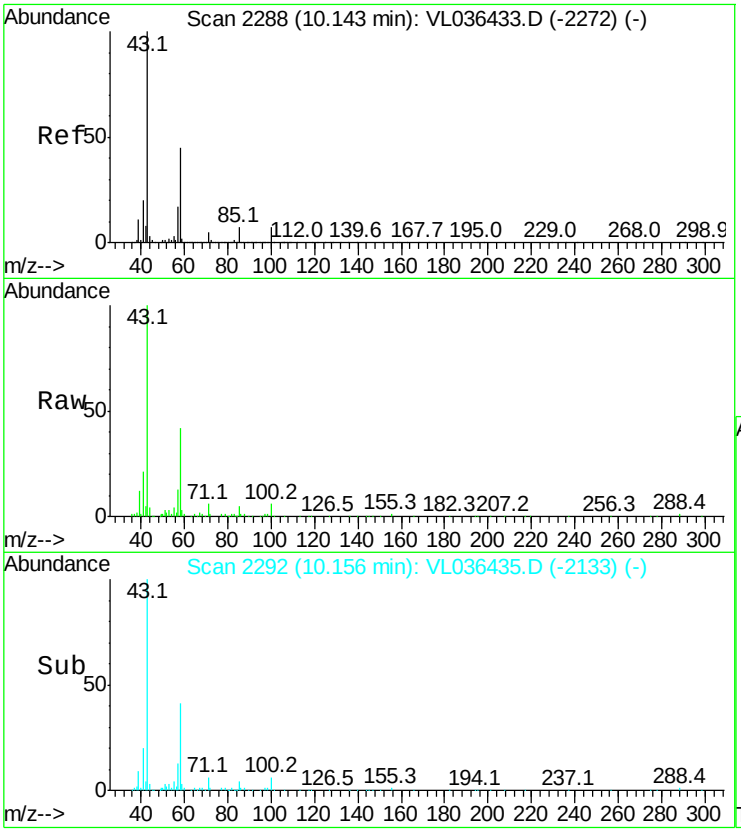


#50
4-Methyl-2-Pentanone
Concen: 0.890 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 43 Resp: 352264

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.8	41.8



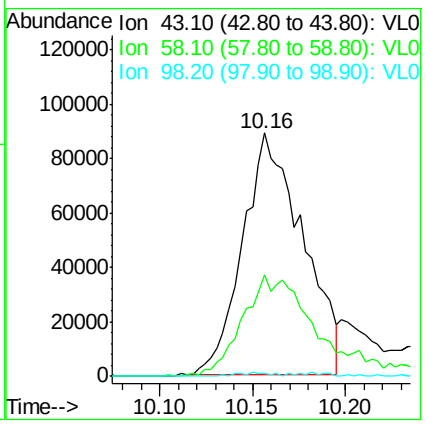


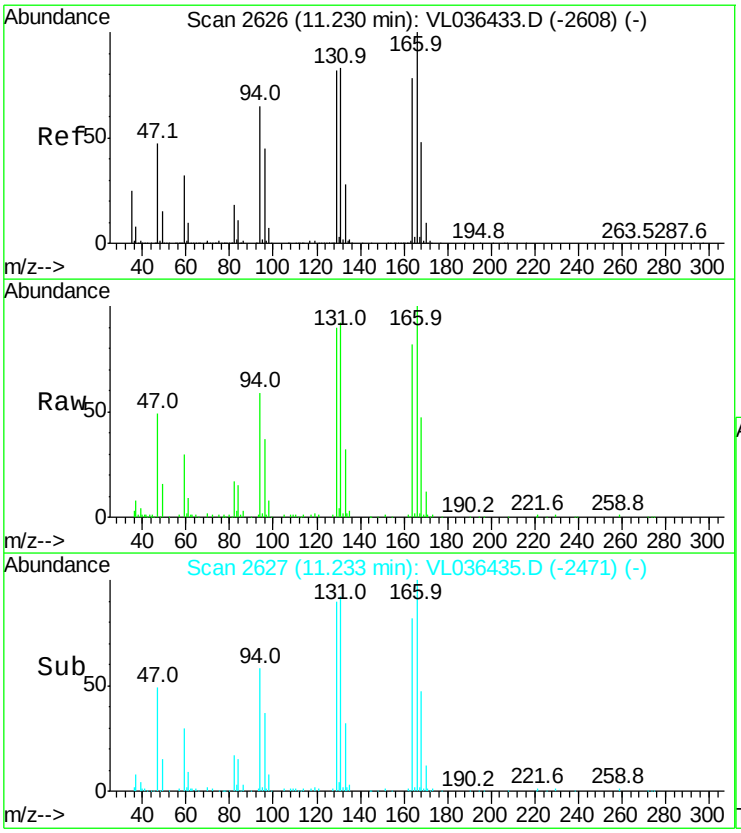
#51
2-Hexanone
Concen: 0.668 ppbv
RT: 10.16
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 200916

Ion	Ratio	Lower	Upper
43	100		
58	55.2	37.8	56.8
98	1.2	0.2	0.4#

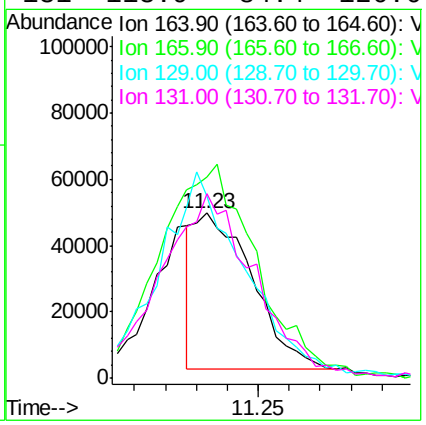


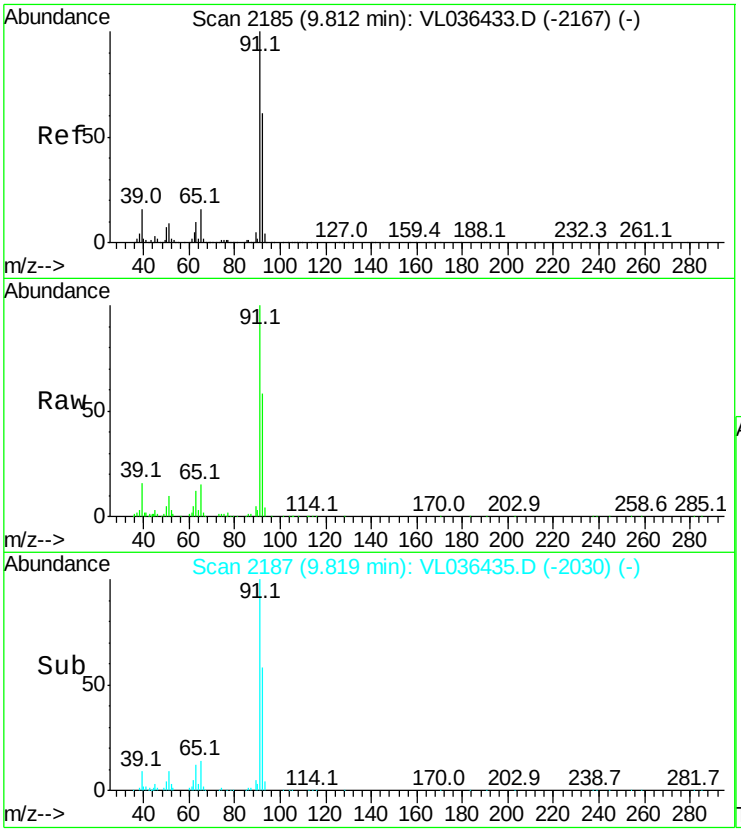


#52
Tetrachloroethene
Concen: 0.491 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:164 Resp: 61306

Ion	Ratio	Lower	Upper
164	100		
166	120.6	102.0	153.0
129	108.3	83.3	124.9
131	113.9	84.4	126.6



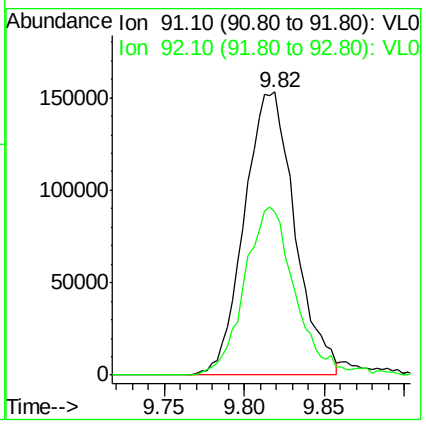


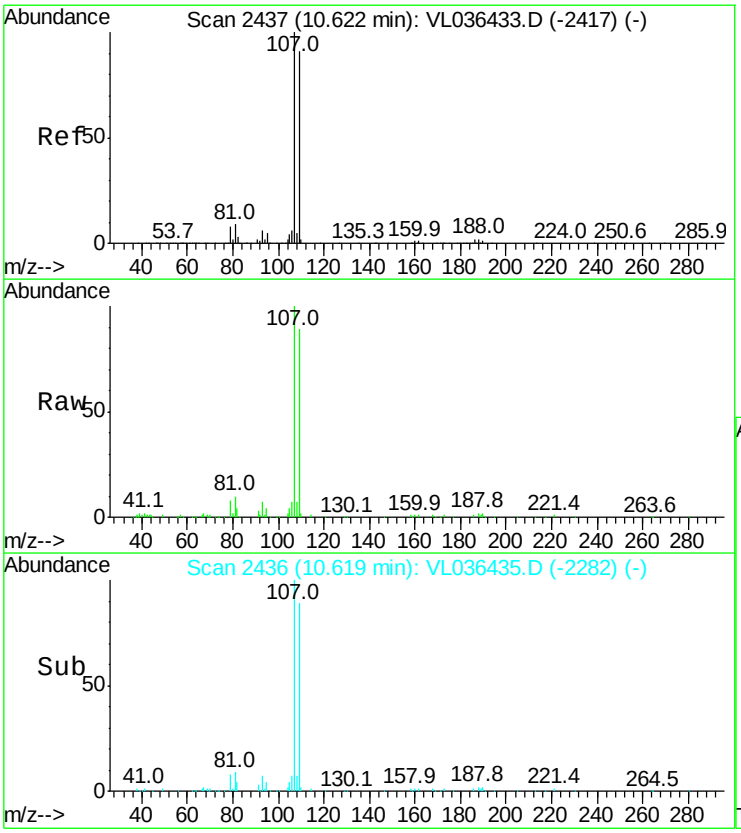
#53
Toluene
Concen: 0.900 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 332106

Ion	Ratio	Lower	Upper
91	100		
92	59.8	49.0	73.6

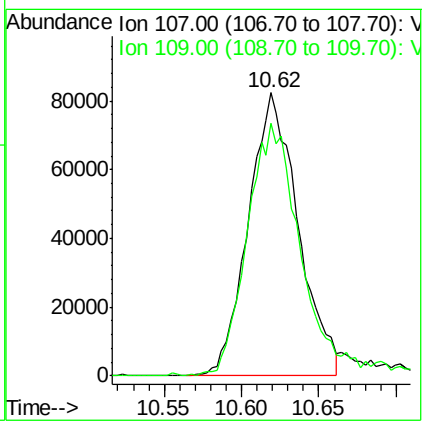


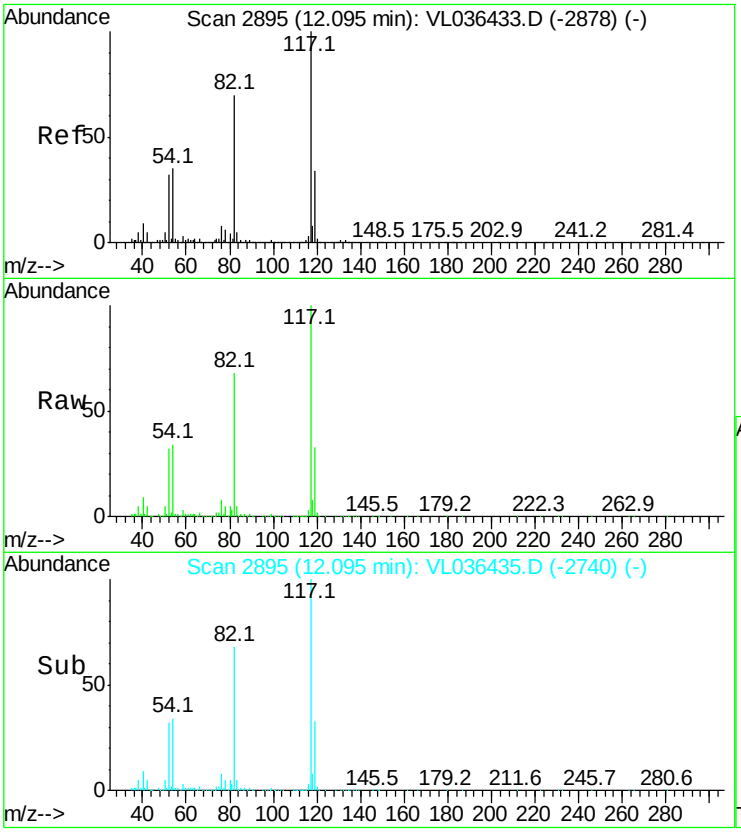


#54
1,2-Dibromoethane
Concen: 0.898 ppbv
RT: 10.62 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:107 Resp: 183873

Ion	Ratio	Lower	Upper
107	100		
109	89.1	73.0	109.6



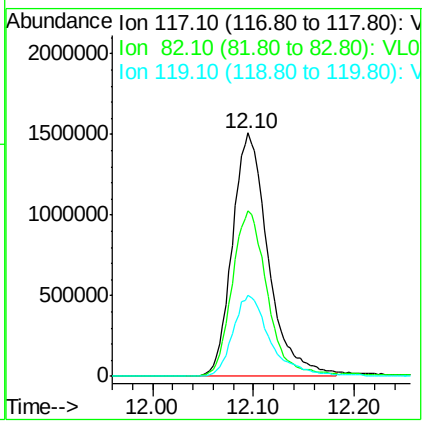


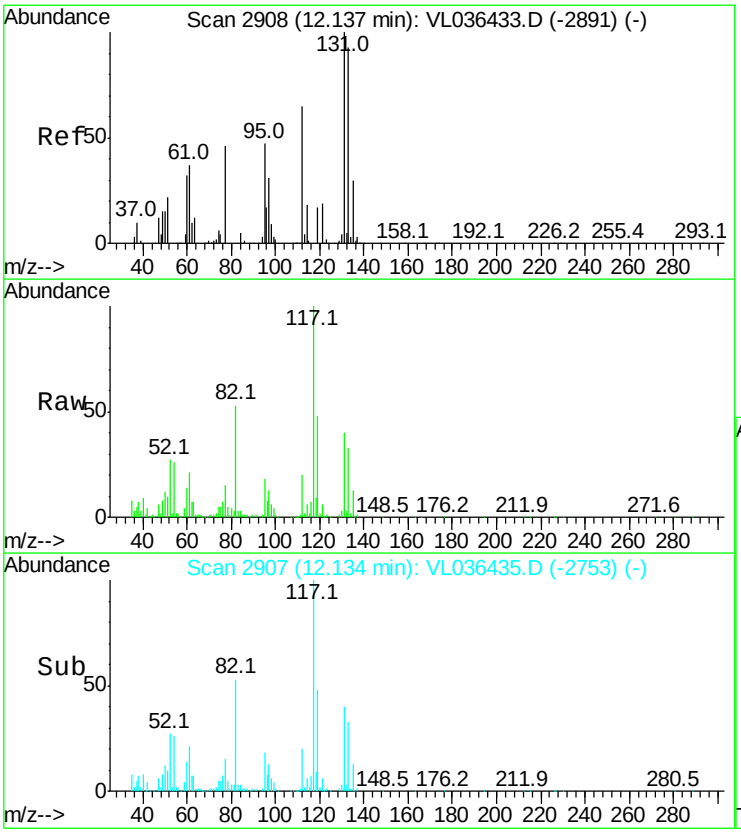
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 3725774

Ion	Ratio	Lower	Upper
117	100		
82	67.9	56.5	84.7
119	34.8	27.0	40.4

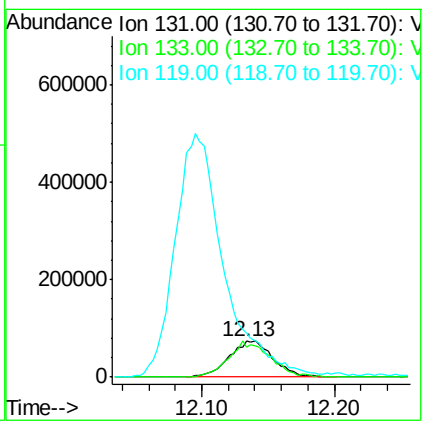


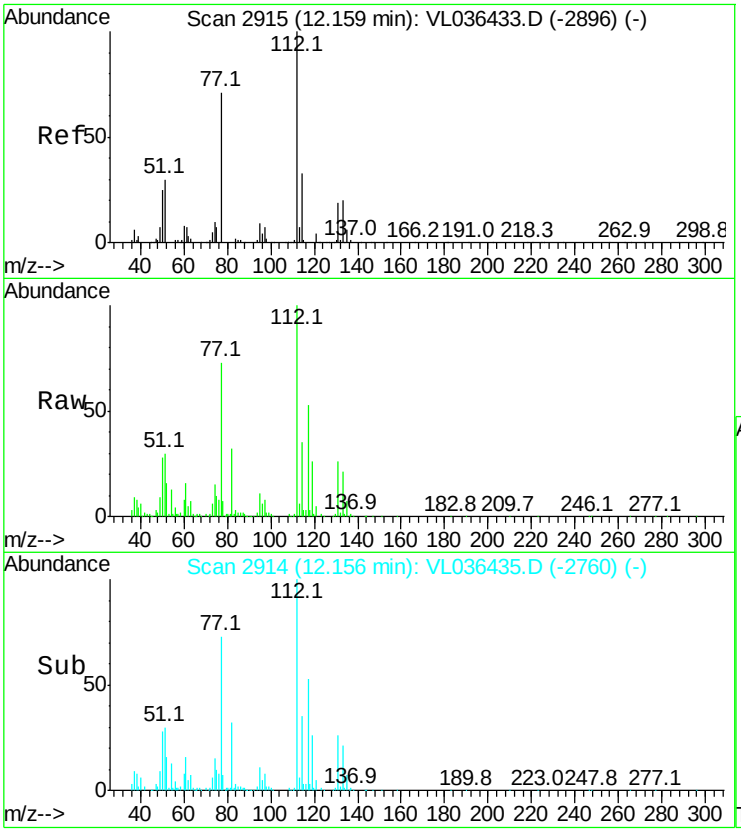


#56
1,1,1,2-Tetrachloroethane
Concen: 0.988 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:131 Resp: 169247

Ion	Ratio	Lower	Upper
131	100		
133	95.1	76.4	114.6
119	763.6	112.8	169.2#



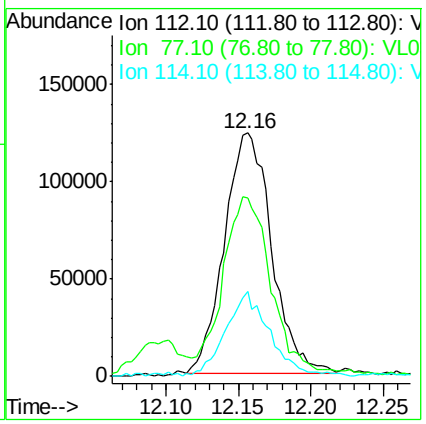


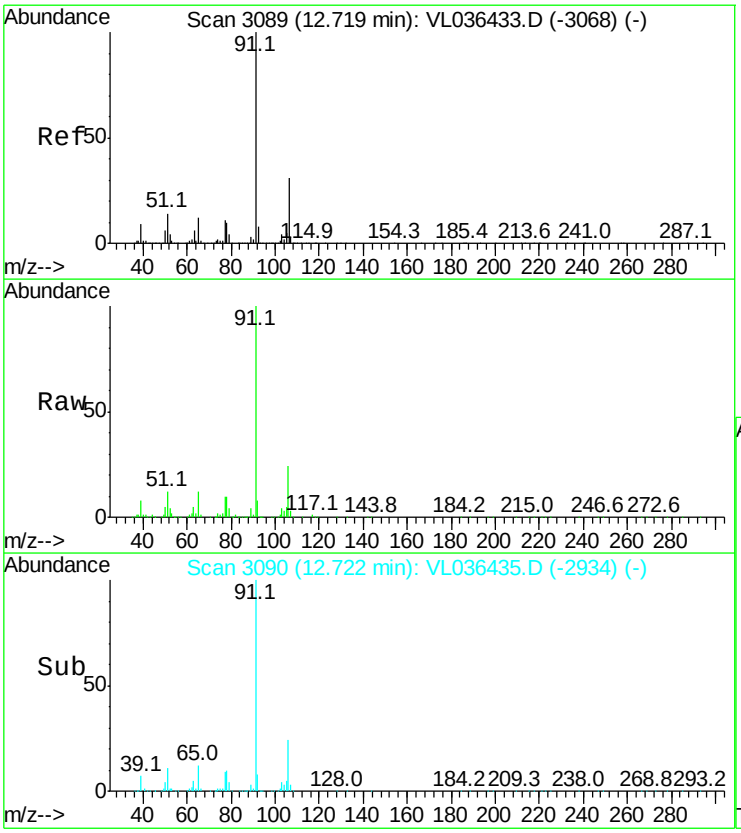
#57
Chlorobenzene
Concen: 0.972 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 279889

Ion	Ratio	Lower	Upper
112	100		
77	72.2	57.6	86.4
114	34.4	29.5	36.1

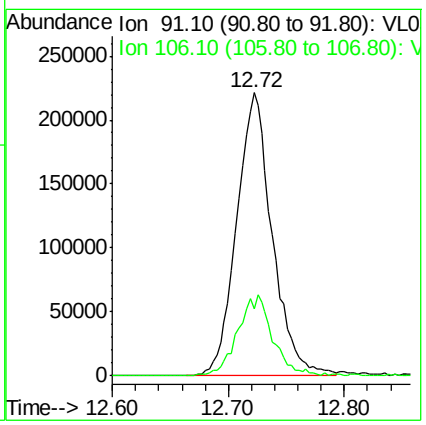


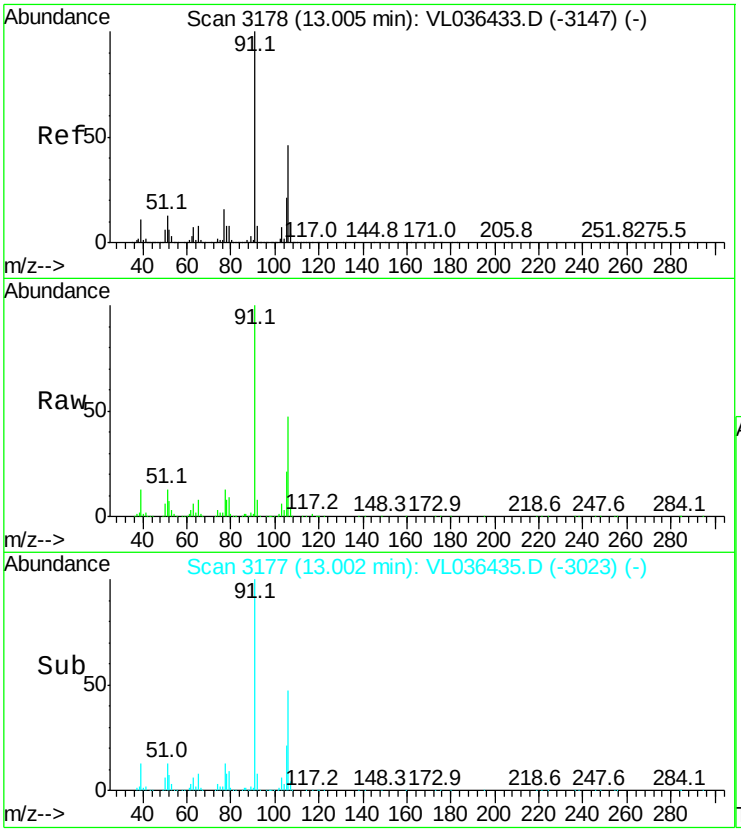


#58
Ethyl Benzene
Concen: 0.926 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 472218

Ion	Ratio	Lower	Upper
91	100		
106	23.7	24.8	37.2#



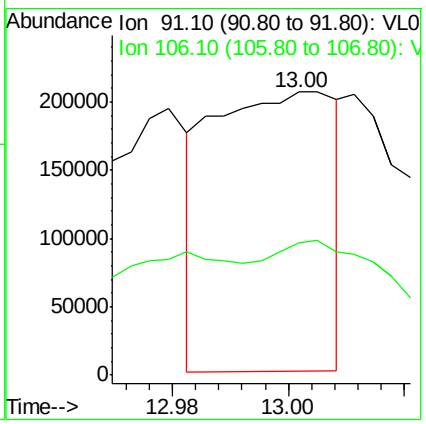


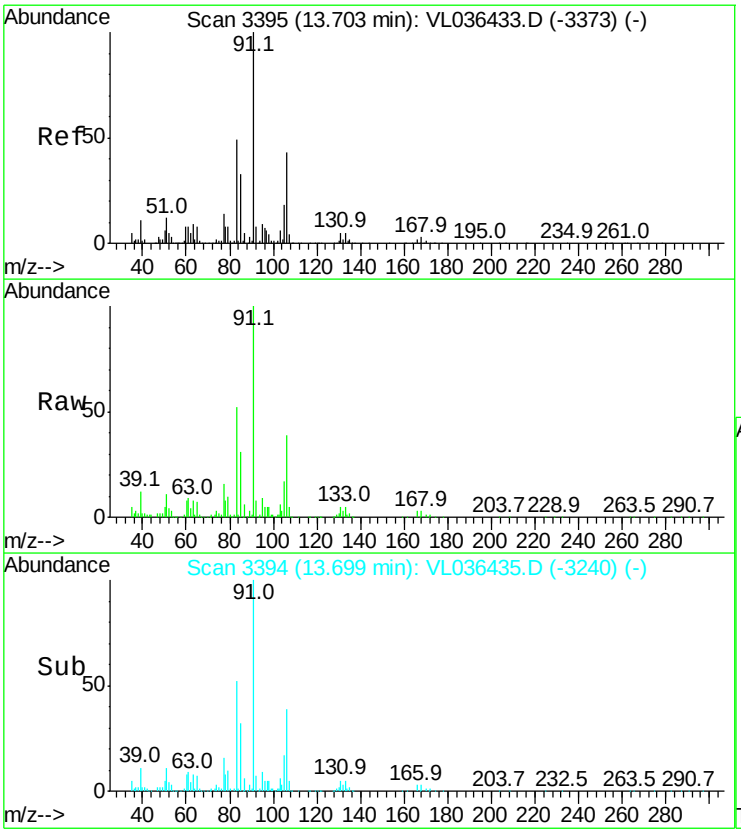
#59
m/p-Xylene
Concen: 0.675 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 302376

Ion	Ratio	Lower	Upper
91	100		
106	120.3	35.0	52.4#

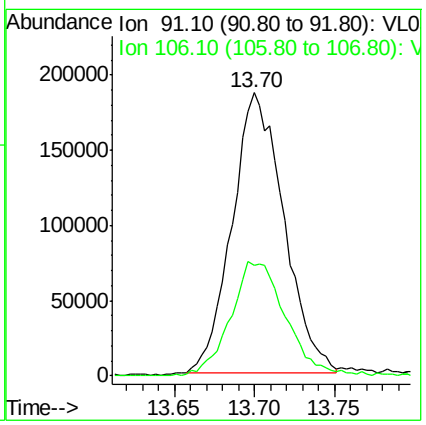


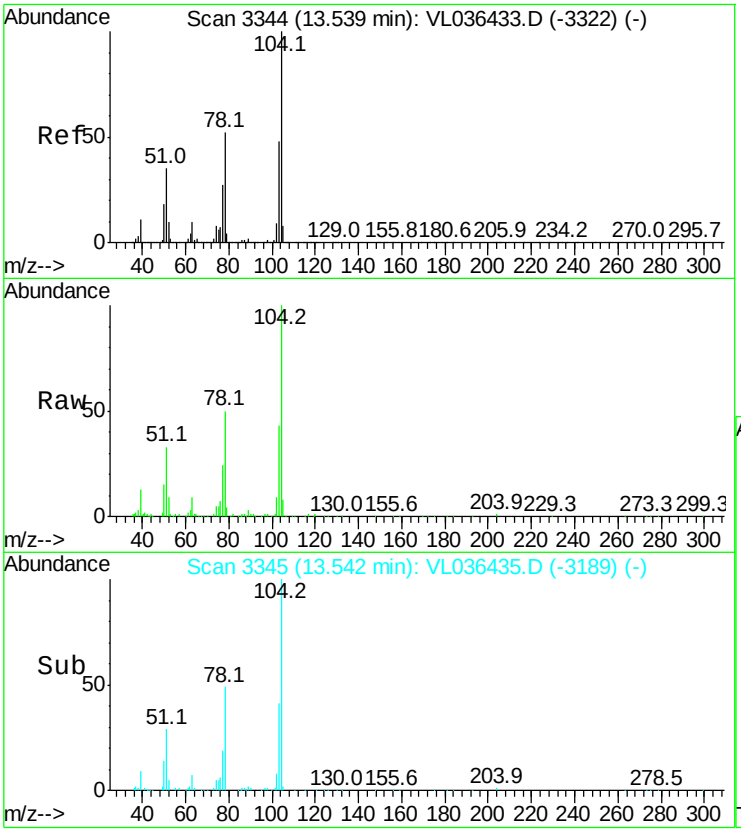


#60
o-Xylene
Concen: 0.963 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 412818

Ion	Ratio	Lower	Upper
91	100		
106	43.8	21.9	65.8



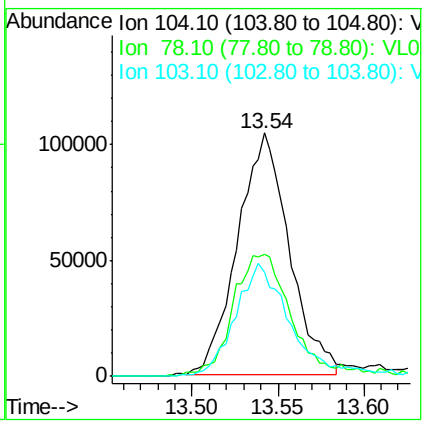


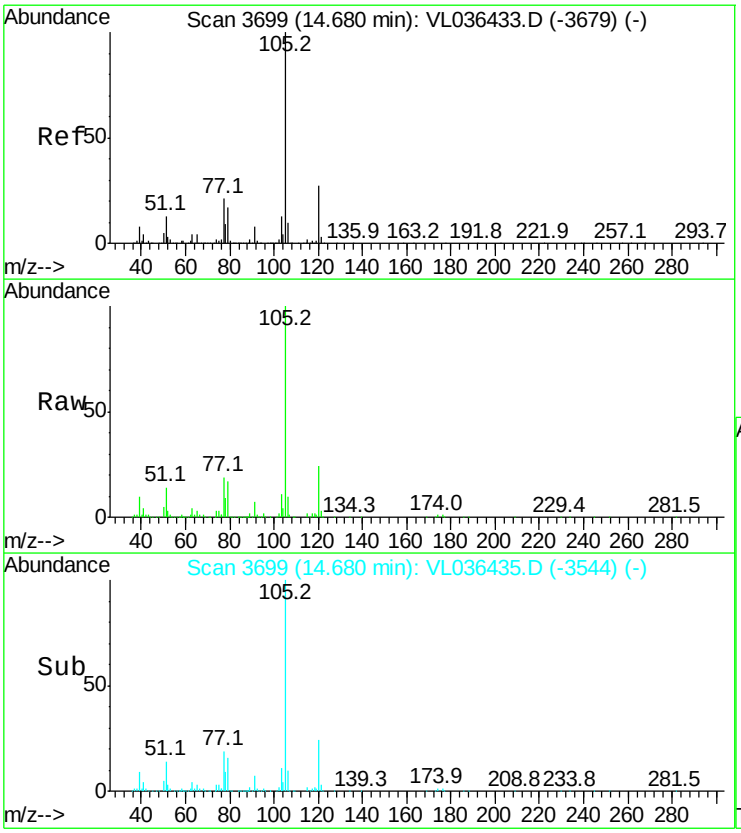
#61
Styrene
Concen: 0.819 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 217559

Ion	Ratio	Lower	Upper
104	100		
78	59.1	44.2	66.4
103	50.5	38.6	57.8

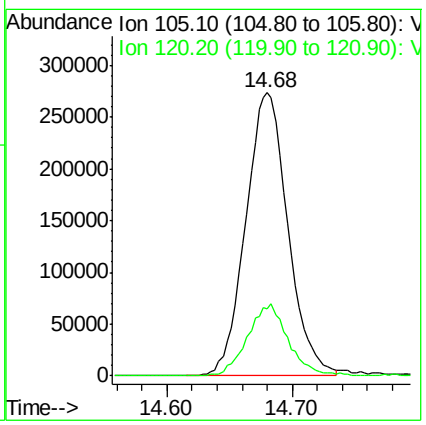


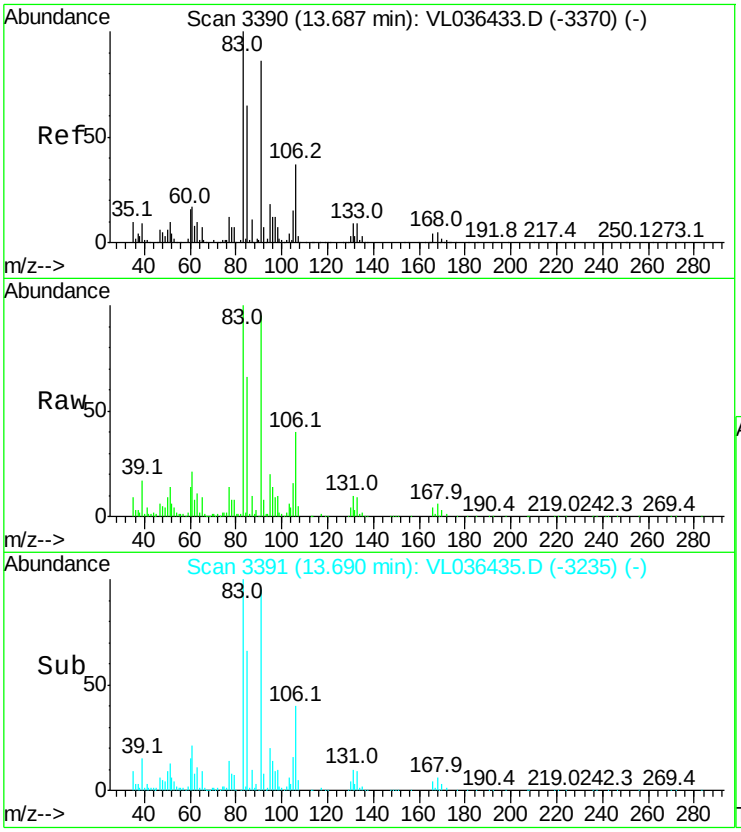


#62
Isopropylbenzene
Concen: 0.992 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:105 Resp: 637006

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.9	31.3



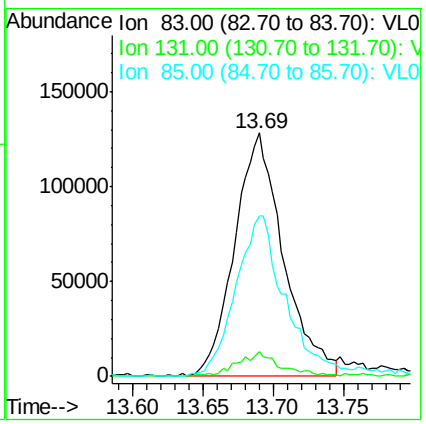


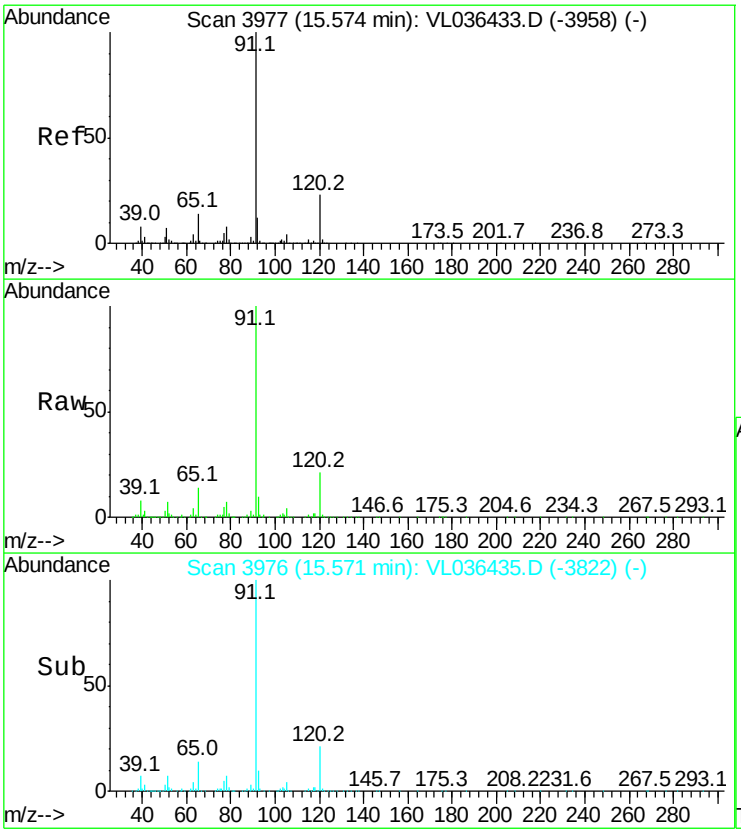
#63
1,1,2,2-Tetrachloroethane
Concen: 0.909 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 307442

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.5	13.7
85	71.1	32.9	98.6

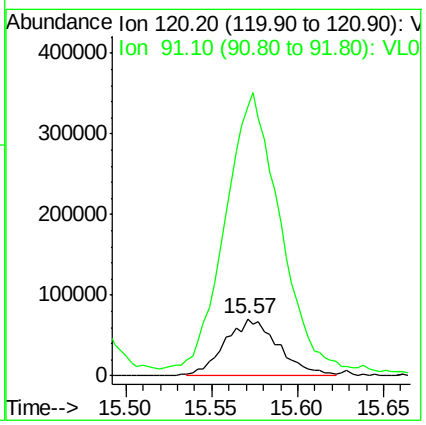


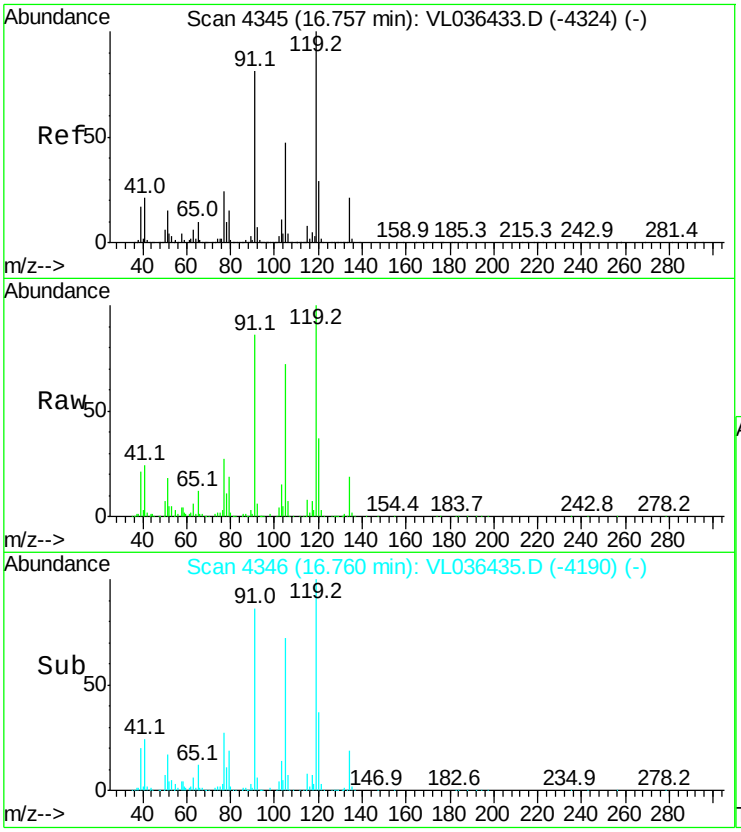


#64
n-propylbenzene
Concen: 0.943 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:120 Resp: 149029

Ion	Ratio	Lower	Upper
120	100		
91	551.5	378.6	567.8



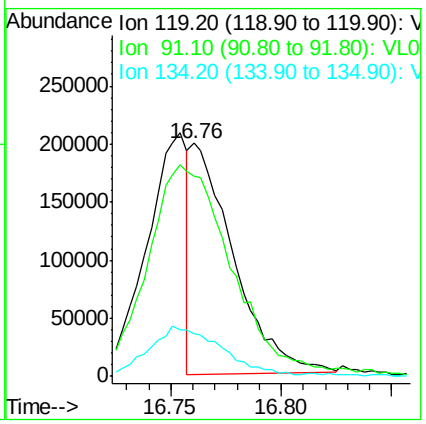


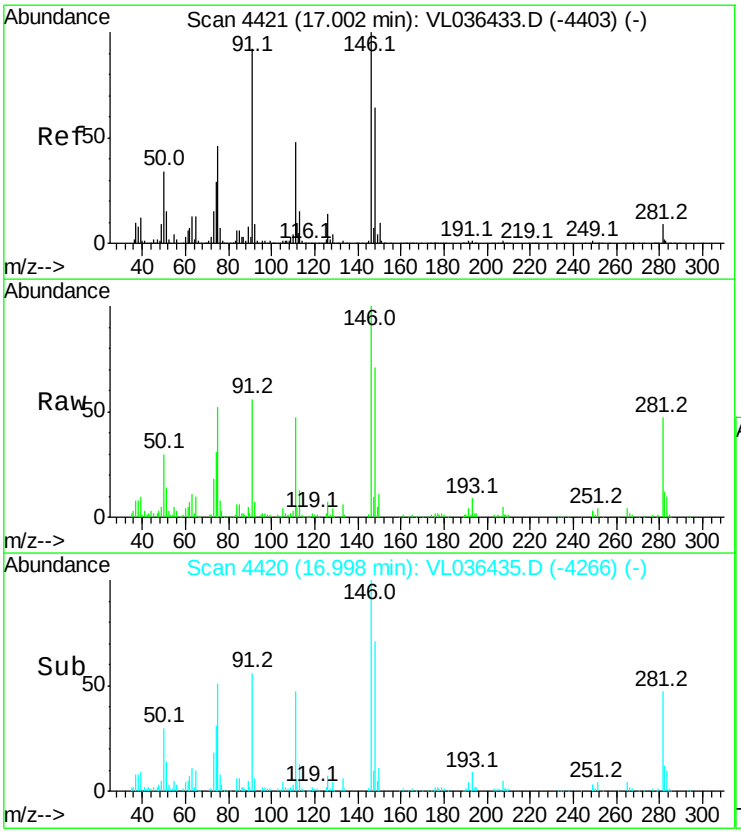
#65
tert-Butylbenzene
Concen: 0.484 ppbv
RT: 16.76
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 265727

Ion	Ratio	Lower	Upper
119	100		
91	0.0	67.9	101.9#
134	0.0	16.0	24.0#

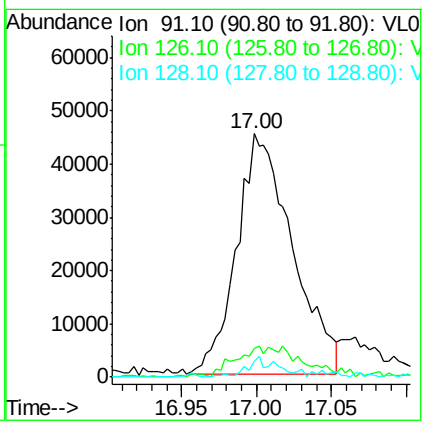


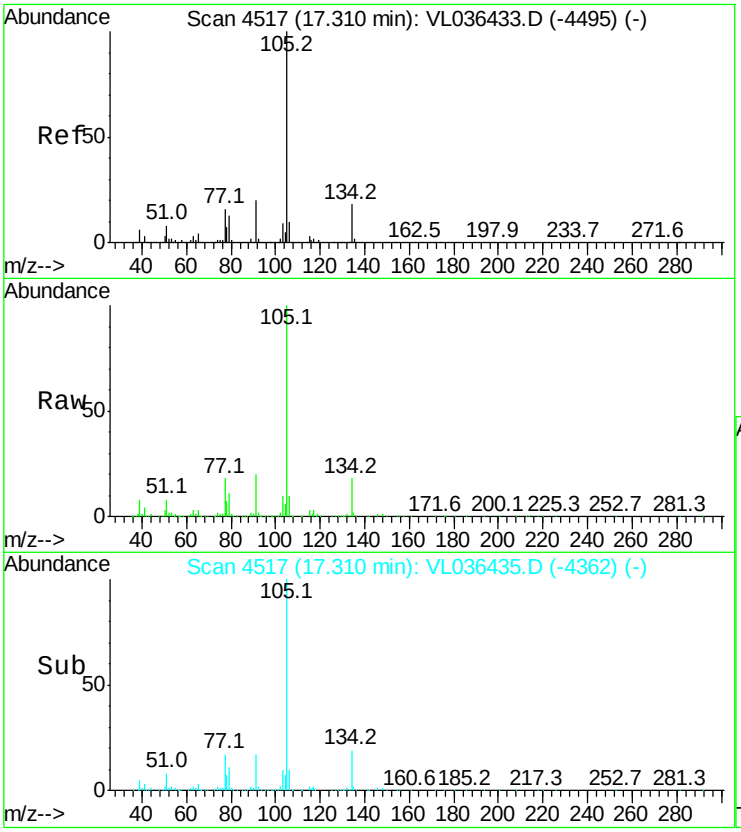


#66
Benzyl Chloride
Concen: 0.779 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 116382

Ion	Ratio	Lower	Upper
91	100		
126	16.8	12.9	19.3
128	6.4	4.0	6.0#



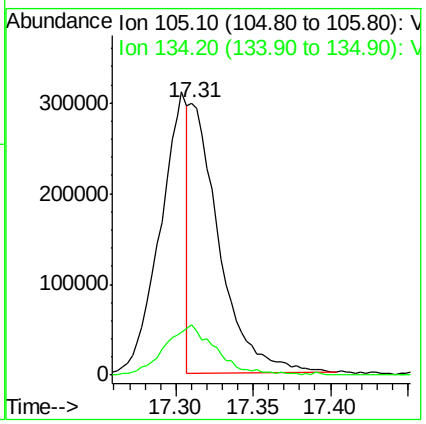


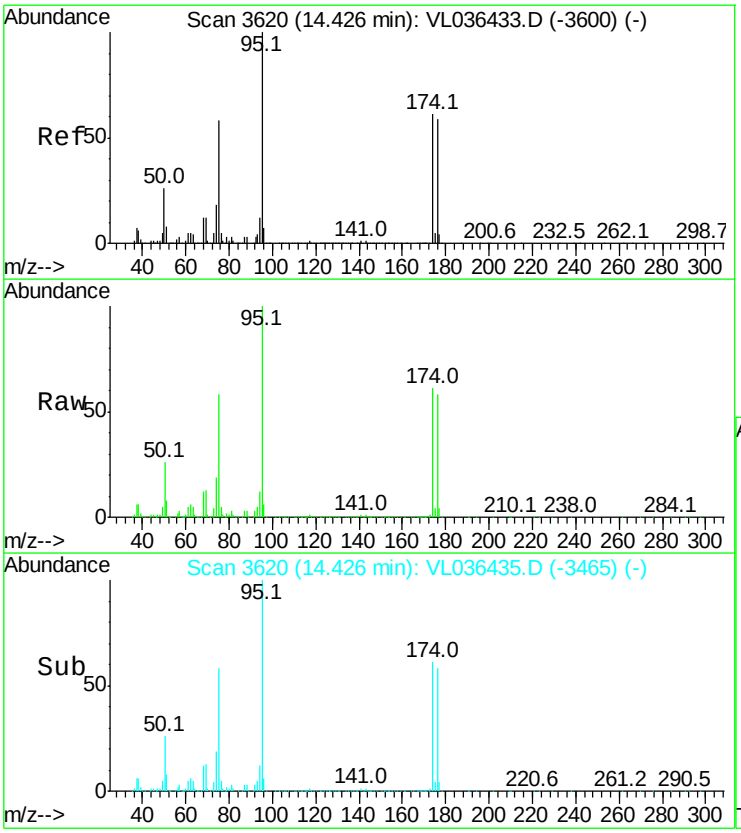
#67
sec-Butylbenzene
Concen: 0.500 ppbv
RT: 17.31
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 396523

Ion	Ratio	Lower	Upper
105	100		
134	33.3	14.9	22.3#

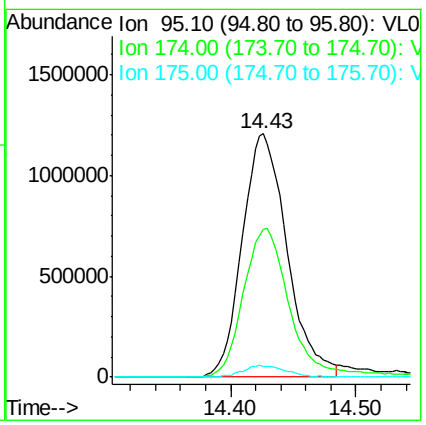


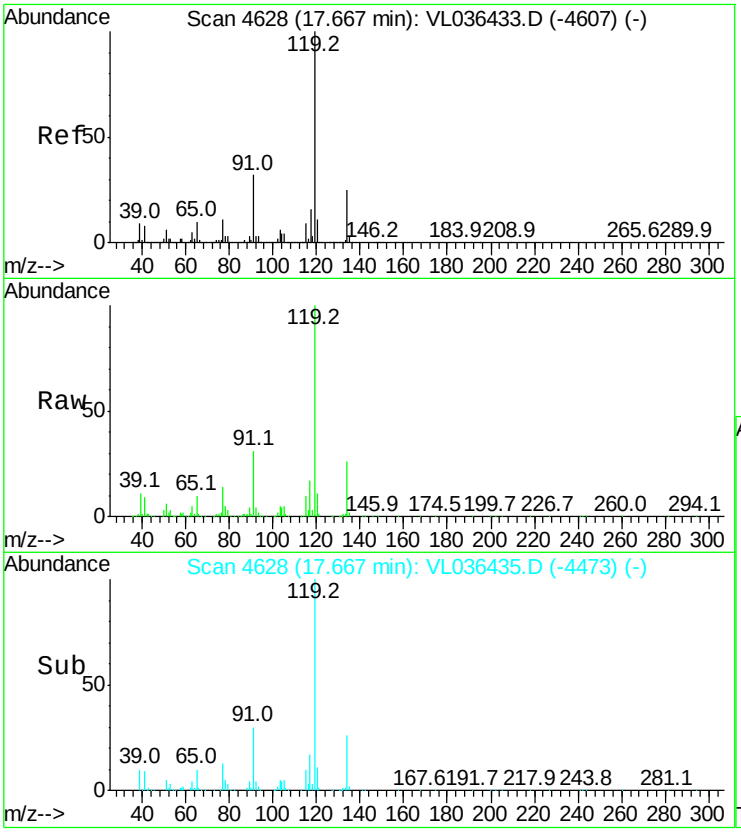


#68
1-Bromo-4-Fluorobenzene
Concen: 9.805 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 95 Resp: 3005613

Ion	Ratio	Lower	Upper
95	100		
174	64.7	51.0	76.4
175	4.8	3.8	5.6



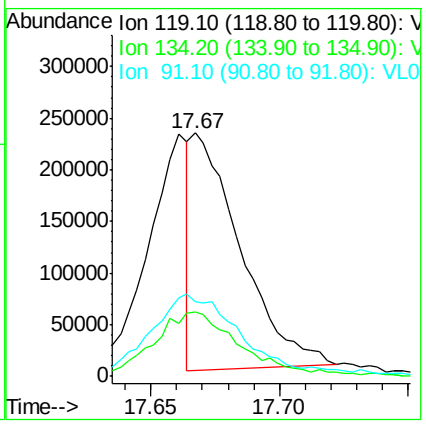


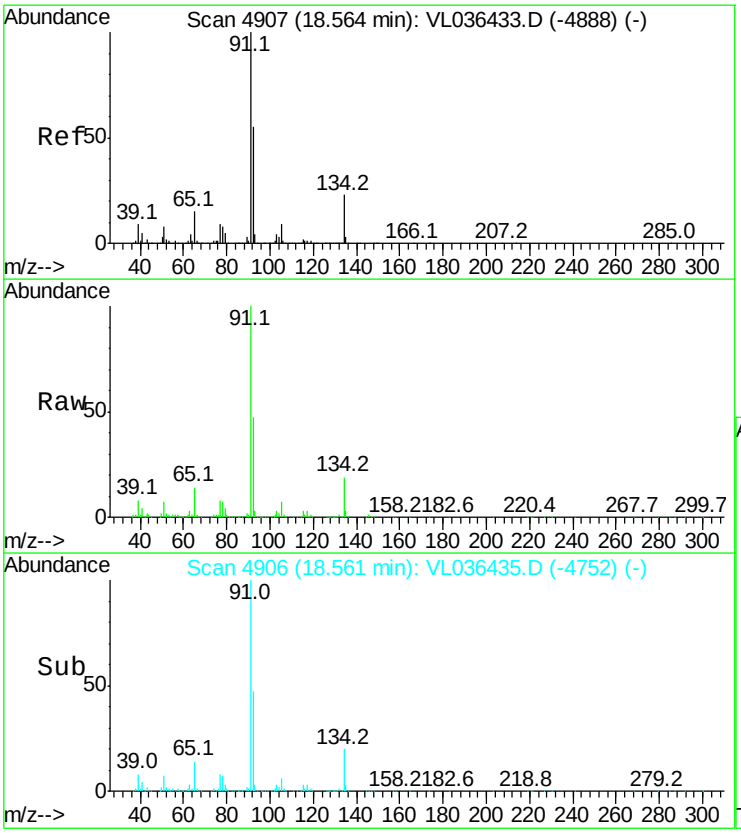
#69
p-Isopropyltoluene
Concen: 0.486 ppbv
RT: 17.67
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 297461

Ion	Ratio	Lower	Upper
119	100		
134	50.4	20.6	30.8#
91	68.8	25.3	37.9#

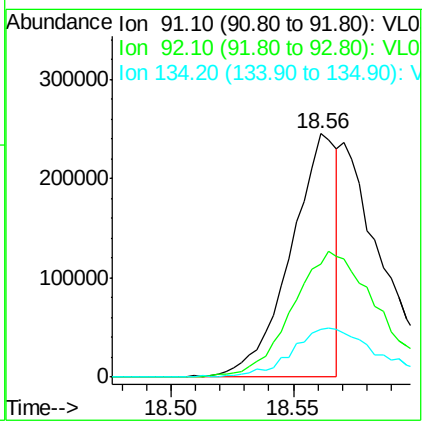


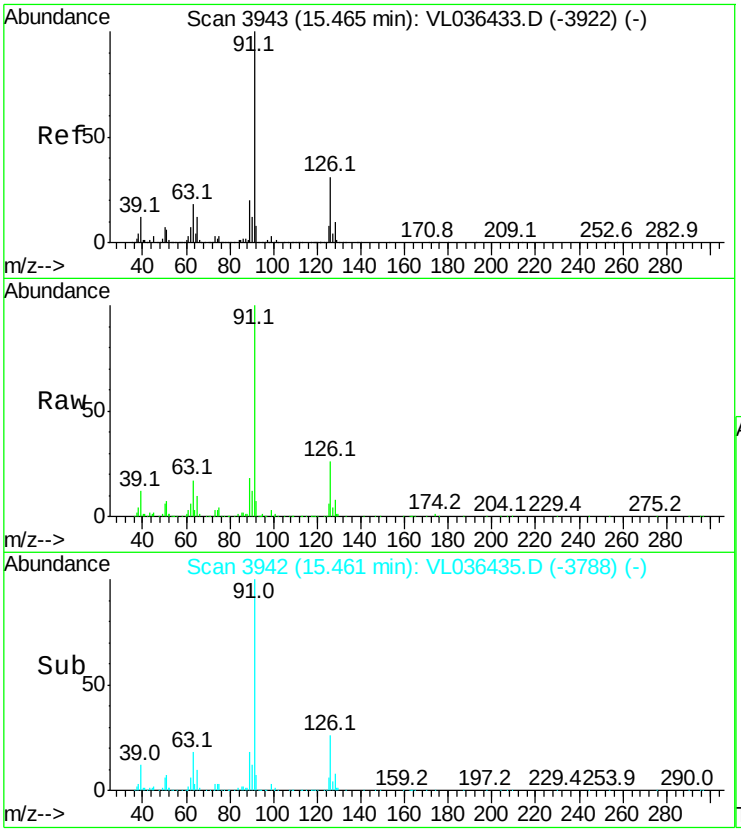


#70
n-Butylbenzene
Concen: 0.487 ppbv
RT: 18.56 min Scan# 4906
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 319868

Ion	Ratio	Lower	Upper
91	100		
92	101.7	44.1	66.1#
134	38.9	17.9	26.9#



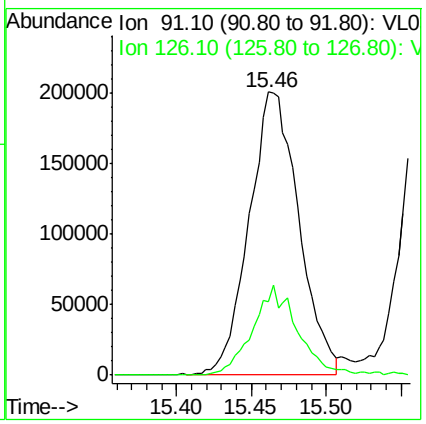


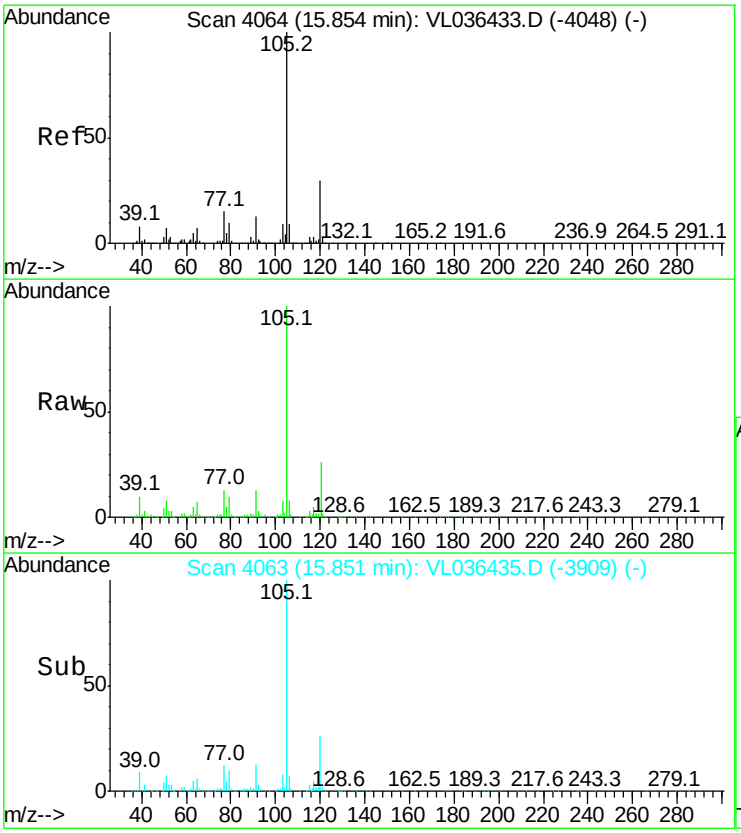
#71
2-Chlorotoluene
Concen: 0.938 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 461841

Ion	Ratio	Lower	Upper
91	100		
126	30.1	12.0	48.0

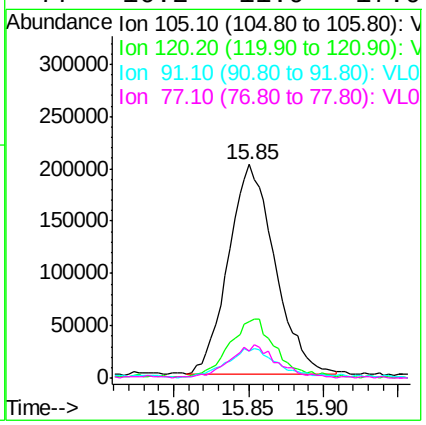


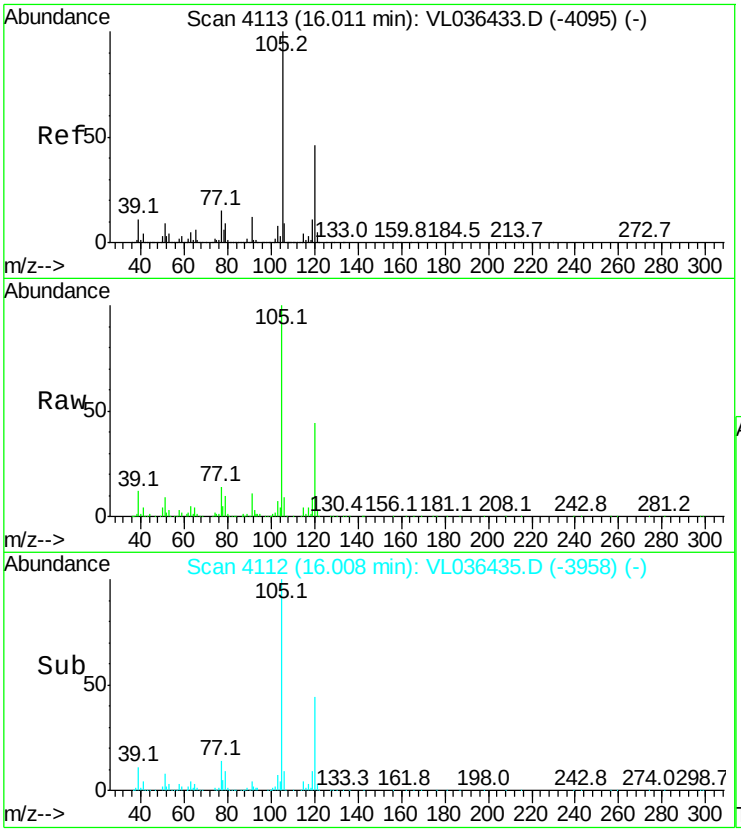


#72
4-Ethyltoluene
Concen: 0.907 ppbv
RT: 15.85 min Scan# 4063
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:105 Resp: 432371

Ion	Ratio	Lower	Upper
105	100		
120	27.9	23.8	35.6
91	14.5	10.9	16.3
77	16.2	11.9	17.9



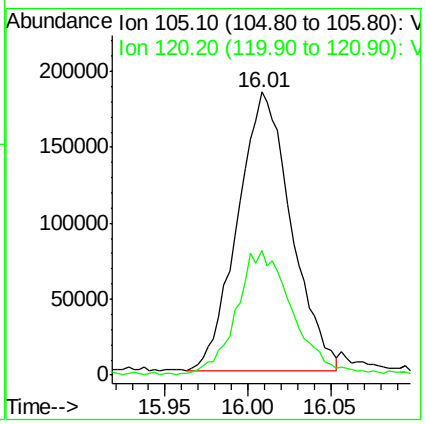


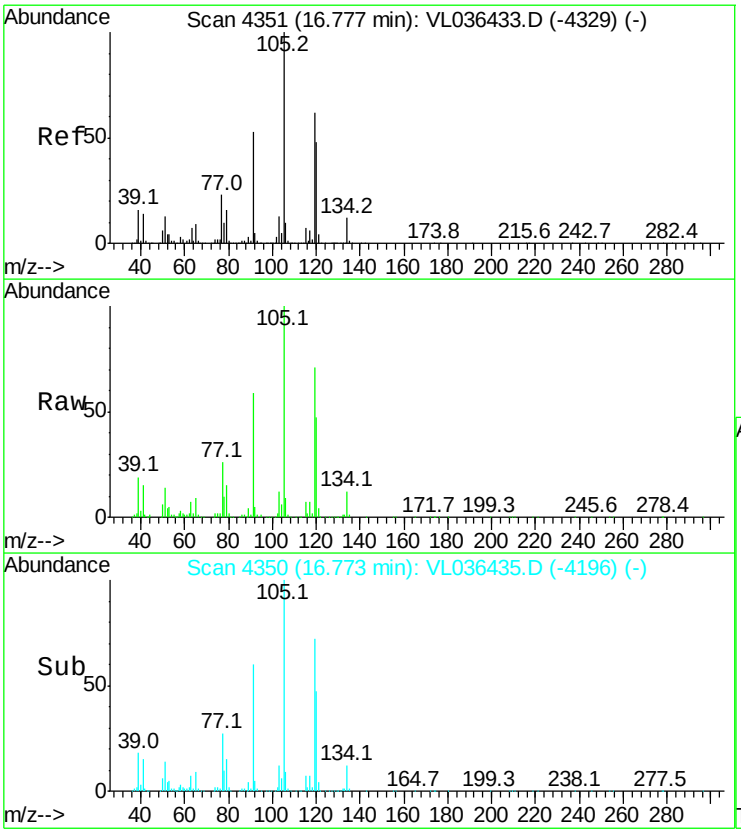
#73
1,3,5-Trimethylbenzene
Concen: 0.898 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 414994

Ion	Ratio	Lower	Upper
105	100		
120	44.2	36.4	54.6

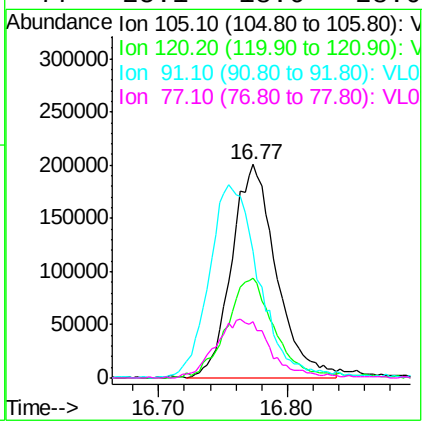


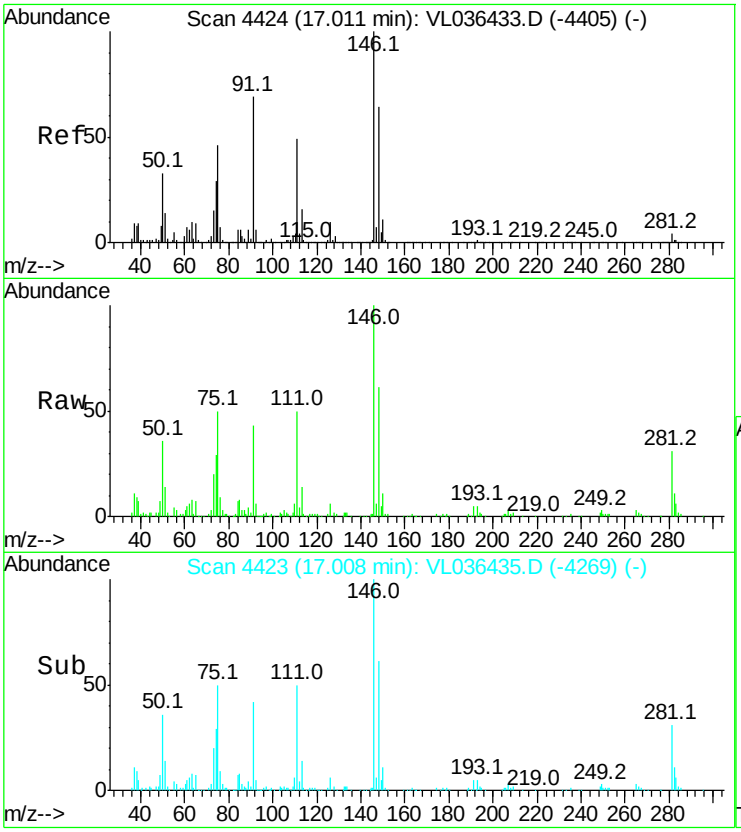


#74
1,2,4-Trimethylbenzene
Concen: 1.016 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:105 Resp: 479227

Ion	Ratio	Lower	Upper
105	100		
120	45.4	38.2	57.4
91	56.6	42.6	63.8
77	25.1	18.6	28.0



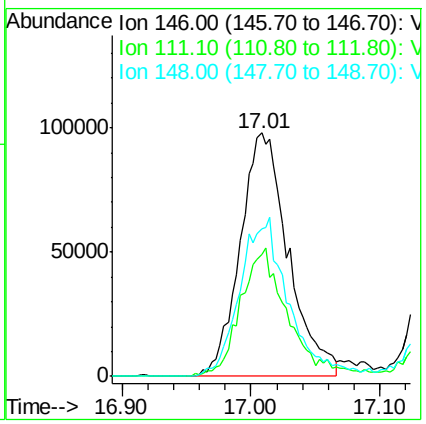


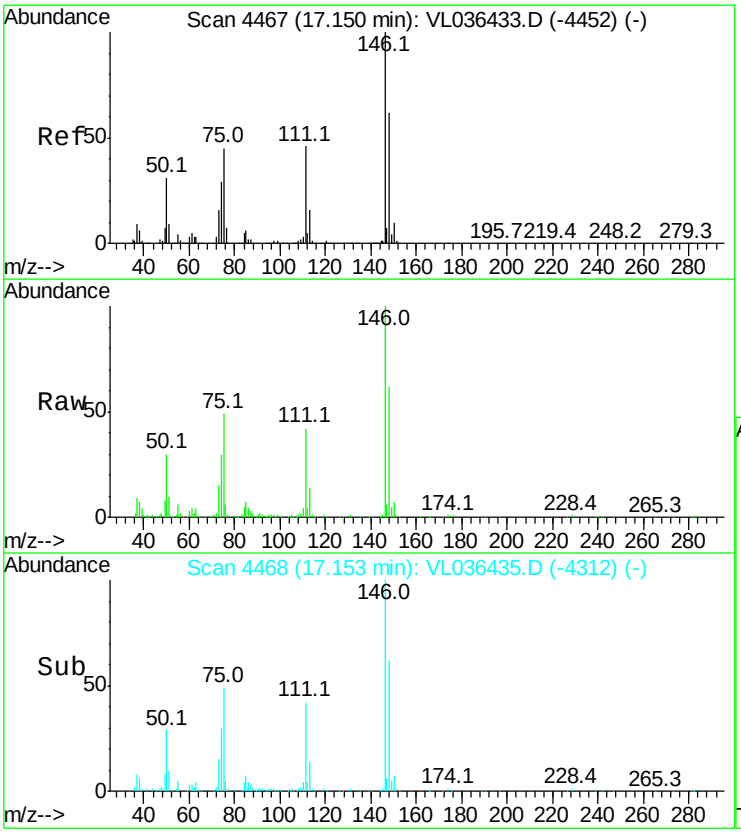
#75
1,3-Dichlorobenzene
Concen: 0.993 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 254318

Ion	Ratio	Lower	Upper
146	100		
111	52.1	24.5	73.5
148	66.2	32.4	97.0

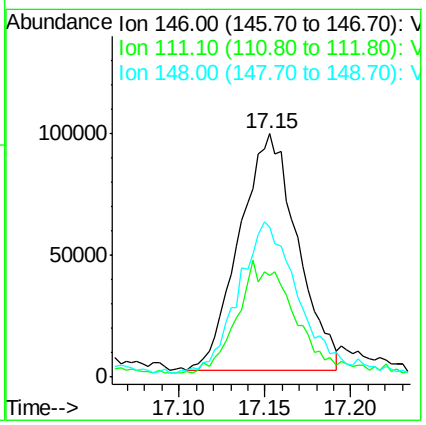


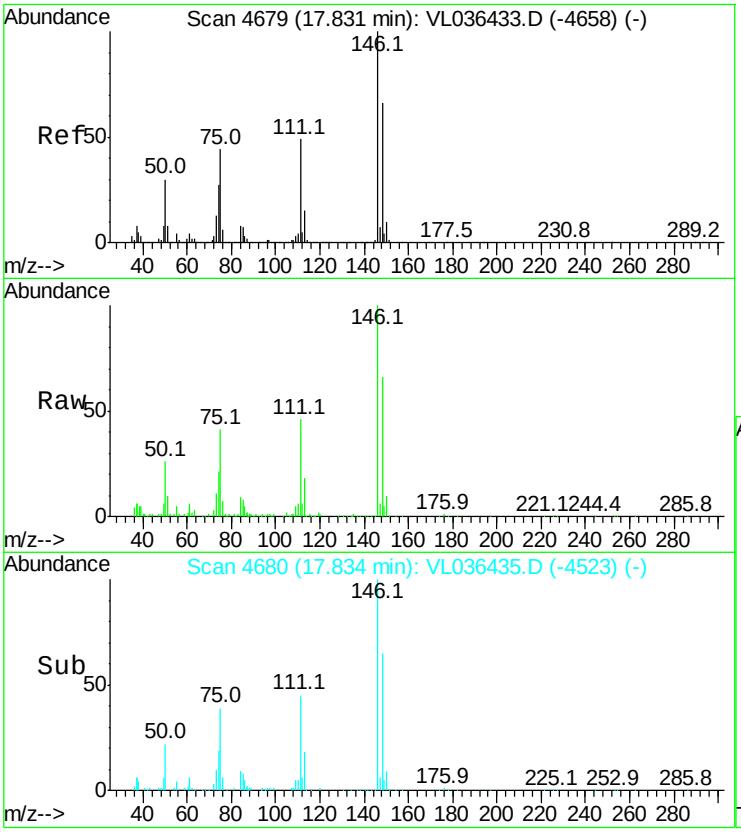


#76
1,4-Dichlorobenzene
Concen: 0.852 ppbv
RT: 17.15 min Scan# 4468
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:146 Resp: 226639

Ion	Ratio	Lower	Upper
146	100		
111	54.0	24.5	73.5
148	71.1	33.1	99.2



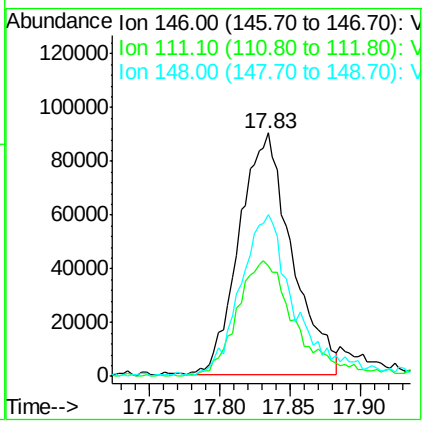


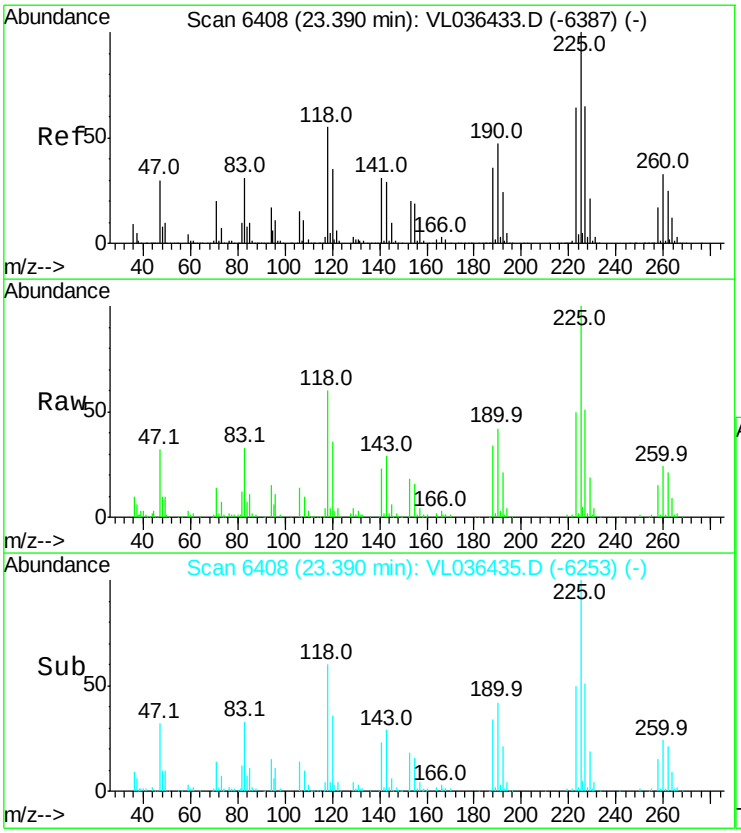
#77
1,2-Dichlorobenzene
Concen: 0.923 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 234402

Ion	Ratio	Lower	Upper
146	100		
111	56.4	25.4	76.2
148	69.4	32.0	96.2

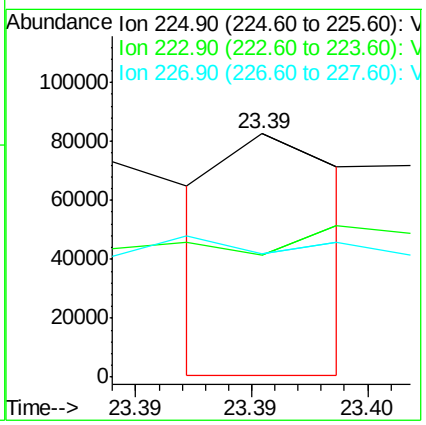


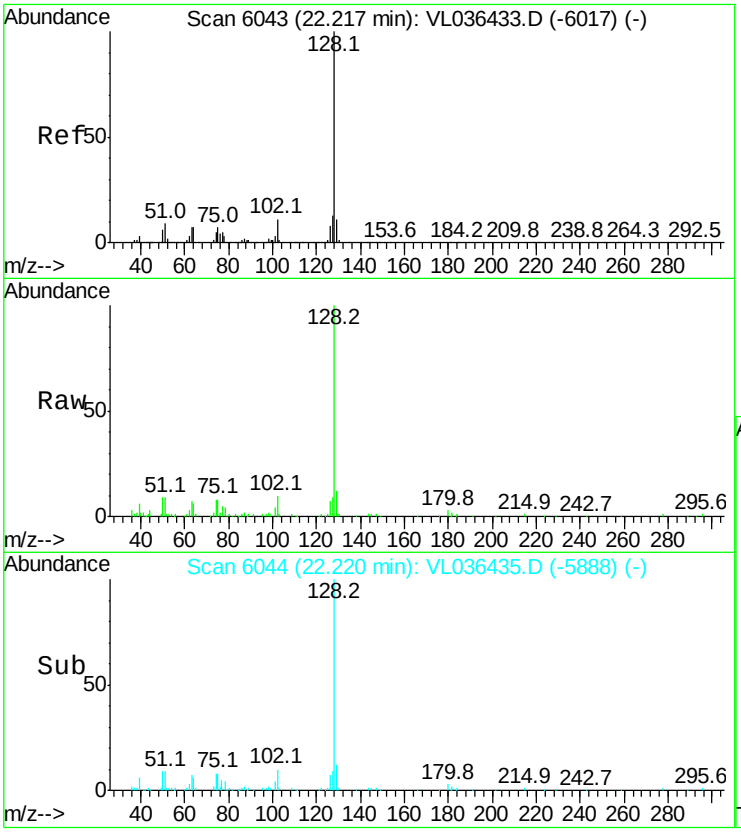


#78
Hexachloro-1,3-Butadiene
Concen: 0.142 ppbv
RT: 23.39 min Scan# 6408
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:225 Resp: 29469

Ion	Ratio	Lower	Upper
225	100		
223	471.6	51.8	77.8#
227	452.8	53.0	79.6#



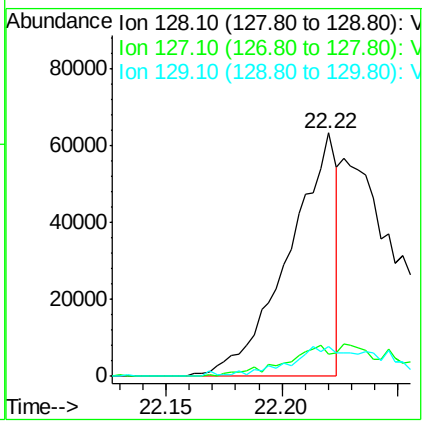


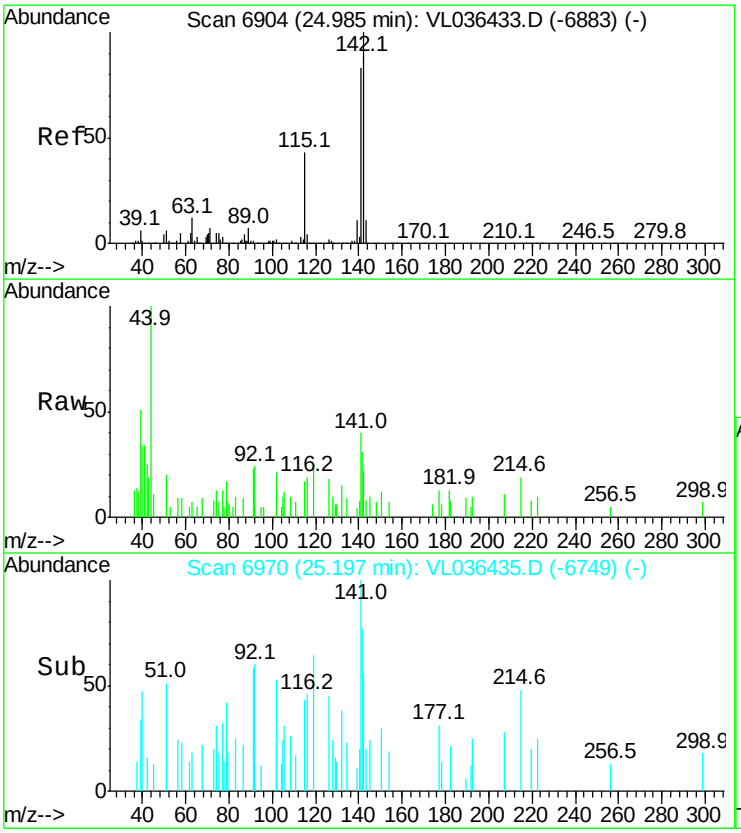
#79
Naphthalene
Concen: 0.325 ppbv
RT: 22.22
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 90807

Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.4	15.6#
129	12.3	9.1	13.7

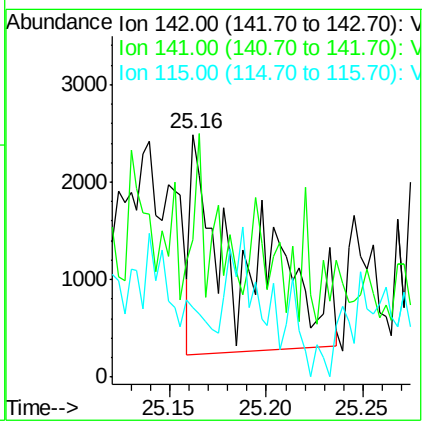


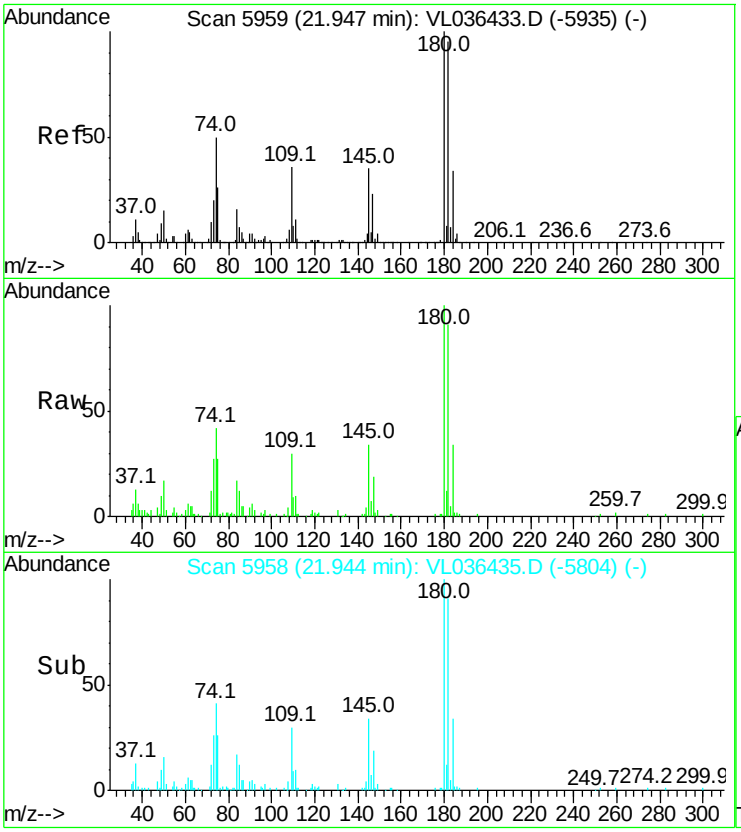


#80
Naphthalene,2-methyl-
Concen: 0.081 ppbv
RT: 25.20 min Scan# 6970
Delta R.T. 0.21 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:142 Resp: 4202

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.0	103.6
115	44.5	32.4	48.6





#81
1,2,4-Trichlorobenzene
Concen: 0.328 ppbv
RT: 21.94
Delta R.T
Lab File:
Acq: 3 Mar 2021 10:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 56017

Ion	Ratio	Lower	Upper
180	100		
182	0.0	81.8	122.6#
184	0.0	26.6	40.0#