Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

Quantitation Report (Not Reviewed)

Data File : VL037761.D
Acq On : 4 Oct 2021 13:33
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Oct 04 14:24:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 12:52:19 2021
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1431938	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4238988	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3681403	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2614402	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	160762	0.620	ppbv	95
3) Chlorodifluoromethane	2.99	51	148477	0.550	ppbv	98
4) Chloromethane	3.14	50	54006	0.541	ppbv #	64
5) Vinyl Chloride	3.26	62	47650	0.508	ppbv	93
6) Bromomethane	3.47	94	23454	0.431	ppbv	89
7) Chloroethane	3.56	64	16267	0.464	ppbv #	68
8) Dichlorotetrafluoroethane	3.19	85	129288	0.578	ppbv	97
9) Propene	3.01	41	22812	0.239	ppbv #	16
10) Heptane	8.12	43	112643	0.507	ppbv	98
11) Trichlorofluoromethane	3.95	101	55739	0.268	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.48	101	39820	0.259	ppbv #	10
13) Ethanol	3.63	45	3169	0.340	ppbv	99
14) Bromoethene	3.74	108	31107	0.445	ppbv #	91
15) Acetone	3.87	43	51645	0.347	ppbv #	32
16) 1,3-Butadiene	3.33	39	40495	0.436	ppbv #	76
17) tert-Butyl alcohol	4.31	59	24602	0.195	ppbv #	71
19) Isopropyl Alcohol	3.99	45	26061	0.322	ppbv #	65
20) Methylene Chloride	4.34	84	33881	0.477	ppbv	89
21) Allyl Chloride	4.42	41	43457	0.391	ppbv #	73
22) trans-1,2-Dichloroethene	4.89	96	31626	0.439	ppbv	84
23) Vinyl Acetate	5.08	43	28442	0.138	ppbv #	92
24) 1,1-Dichloroethane	5.02	63	68912	0.467	ppbv	98
25) Ethyl Acetate	5.69	43	164339	0.456	ppbv #	93
26) Hexane	5.69	57	34370	0.201	ppbv #	1
27) Carbon Disulfide	4.56	76	66775	0.426	ppbv #	88
28) Methyl tert-Butyl Ether	5.05	73	50827	0.337	ppbv #	70
29) Chloroform	5.75	83	137606	0.551	ppbv	89
30) Cyclohexane	7.13	84	65902	0.450	ppbv	83
31) cis-1,2-Dichloroethene	5.55	61	78449	0.505	ppbv #	85
32) 1,1,1-Trichloroethane	6.52	97	52739	0.227	ppbv #	8
34) 2-Butanone	5.26	43	31466	0.183	ppbv #	53
35) Carbon Tetrachloride	7.01	117	114261	0.477	ppbv #	86
36) Benzene	6.89	78	181574	0.514	ppbv	92
37) 1,2-Dichloroethane	6.31	62	33033	0.190	ppbv #	55
38) Trichloroethene	7.84	130	44557	0.302	ppbv	93
39) 1,2-Dichloropropane	7.62	63	40231	0.297	ppbv #	90
41) Tetrahydrofuran	6.07	42	14662	0.181	ppbv #	36
42) Bromodichloromethane	7.79	83	61348	0.246	ppbv	99
43) Methyl Methacrylate	8.02	69	19475	0.166	ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	308513	0.519	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	13009	0.141	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

Quantitation Report (Not Reviewed)

Data File : VL037761.D
Acq On : 4 Oct 2021 13:33
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Oct 04 14:24:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 12:52:19 2021
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.70	75	27886	0.223	ppbv	#	94
47) 1,1,2-Trichloroethane	9.47	97	70283	0.469	ppbv		90
48) Dibromochloromethane	10.31	129	40181	0.192	ppbv	#	1
49) Bromoform	13.04	173	53970	0.323	ppbv	#	83
50) 4-Methyl-2-Pentanone	8.77	43	48182	0.220	ppbv	#	38
51) 2-Hexanone	10.16	43	17878	0.185	ppbv	#	42
52) Tetrachloroethene	11.23	164	67978	0.501	ppbv		94
53) Toluene	9.81	91	172575	0.439	ppbv		99
54) 1,2-Dibromoethane	10.61	107	83317	0.406	ppbv	#	78
56) 1,1,1,2-Tetrachloroethane	12.13	131	78738	0.516	ppbv	#	1
57) Chlorobenzene	12.14	112	159615	0.522	ppbv	#	94
58) Ethyl Benzene	12.71	91	227013	0.465	ppbv		91
59) m/p-Xylene	13.00	91	147090	0.345	ppbv	#	1
60) o-Xylene	13.69	91	206357	0.509	ppbv		98
61) Styrene	13.53	104	71531	0.358	ppbv		93
62) Isopropylbenzene	14.66	105	290749	0.513	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.68	83	145860	0.460	ppbv		93
64) n-propylbenzene	15.56	120	39453	0.270	ppbv	#	1
65) tert-Butylbenzene	16.74	119	241669	0.473	ppbv		95
66) Benzyl Chloride	16.77	91	17658	0.633	ppbv	#	91
67) sec-Butylbenzene	17.29	105	334287	0.483	ppbv		97
69) p-Isopropyltoluene	17.65	119	142660	0.252	ppbv	#	53
70) n-Butylbenzene	18.55	91	224867	0.420	ppbv		96
71) 2-Chlorotoluene	15.46	91	122820	0.303	ppbv		70
72) 4-Ethyltoluene	15.83	105	109809	0.236	ppbv	#	59
73) 1,3,5-Trimethylbenzene	16.00	105	197036	0.454	ppbv		92
74) 1,2,4-Trimethylbenzene	16.76	105	216530	0.474	ppbv	#	88
75) 1,3-Dichlorobenzene	16.99	146	71212	0.251	ppbv	#	23
76) 1,4-Dichlorobenzene	17.13	146	52348	0.187	ppbv	#	23
77) 1,2-Dichlorobenzene	17.82	146	94915	0.353	ppbv		70
78) Hexachloro-1,3-Butadiene	23.37	225	64347	0.284	ppbv	#	30
79) Naphthalene	22.20	128	53998	0.193	ppbv		97
80) Naphthalene,2-methyl-	24.97	142	14464	0.226	ppbv		91
81) 1,2,4-Trichlorobenzene	21.92	180	39466	0.219	ppbv	#	12

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

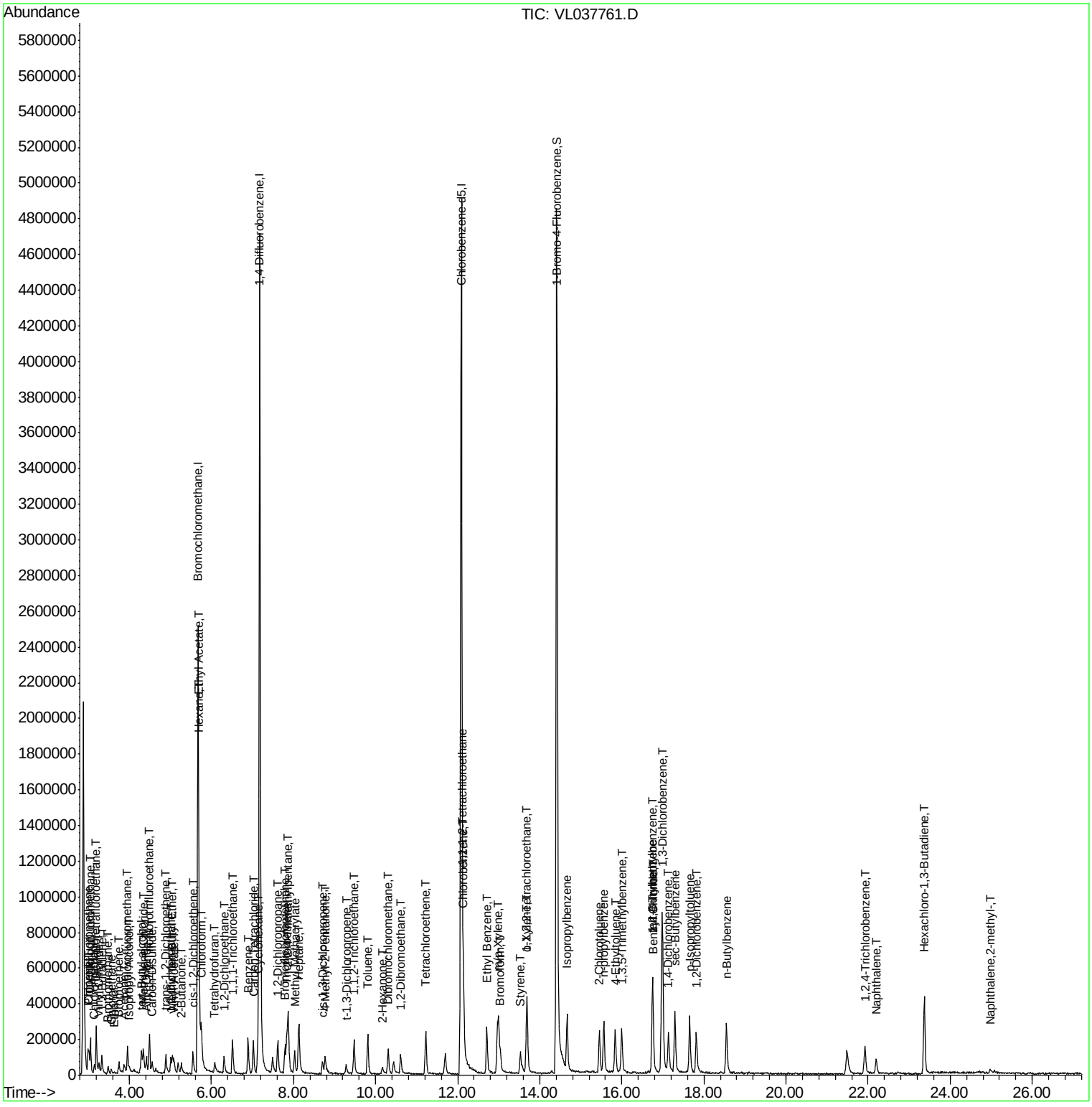
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

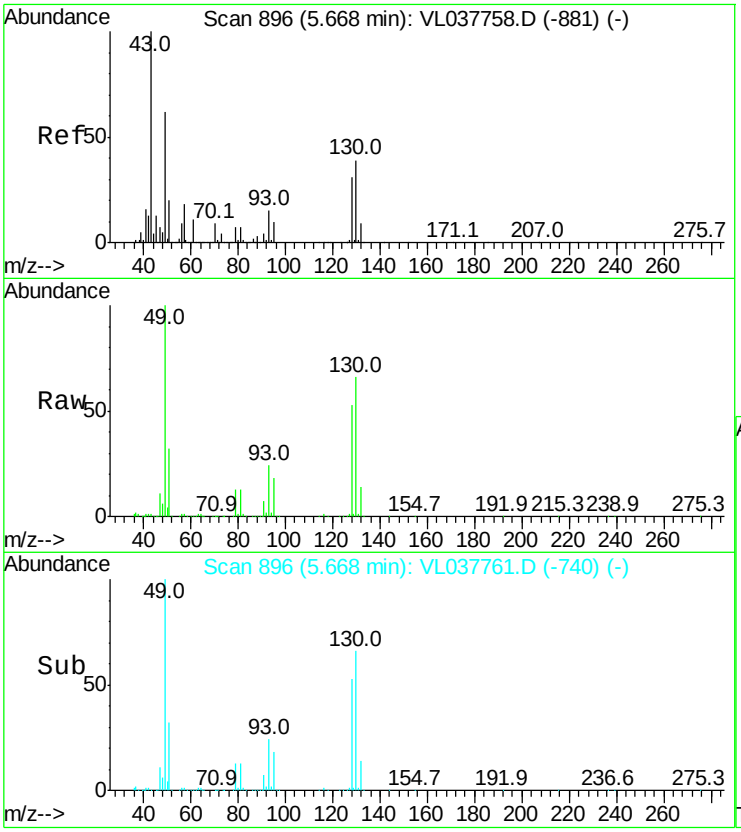
Quantitation Report (Not Reviewed)

Data File : VL037761.D
Acq On : 4 Oct 2021 13:33
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Oct 04 14:24:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 12:52:19 2021
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration



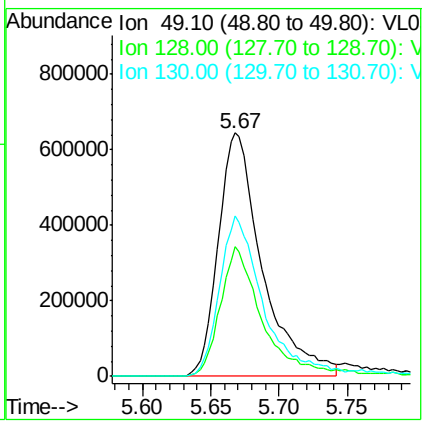


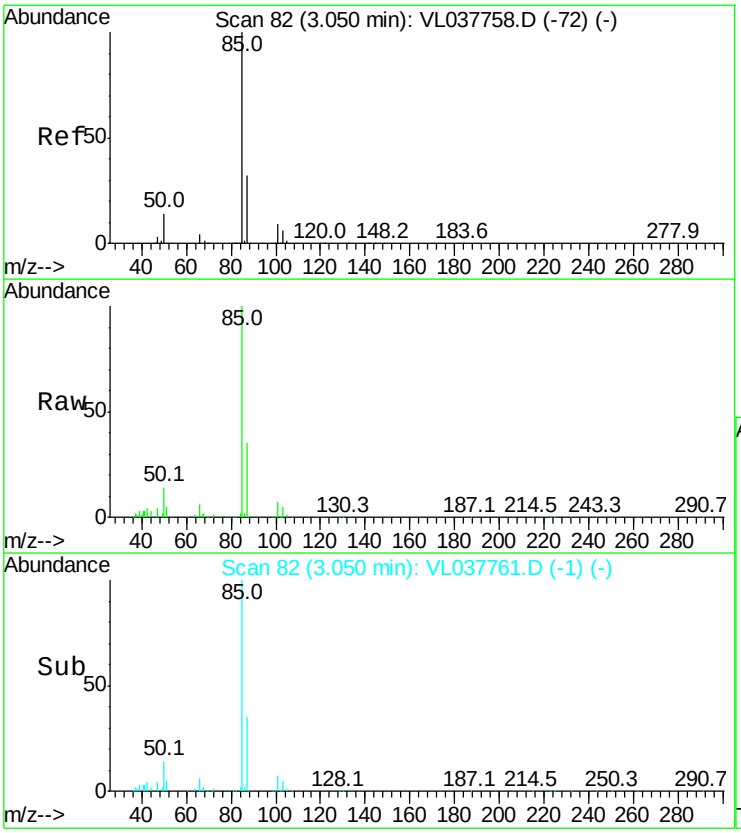
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1431938

Ion	Ratio	Lower	Upper
49	100		
128	53.2	27.1	81.3
130	69.8	33.2	99.6

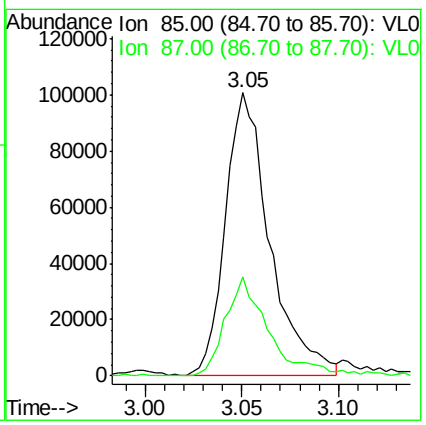


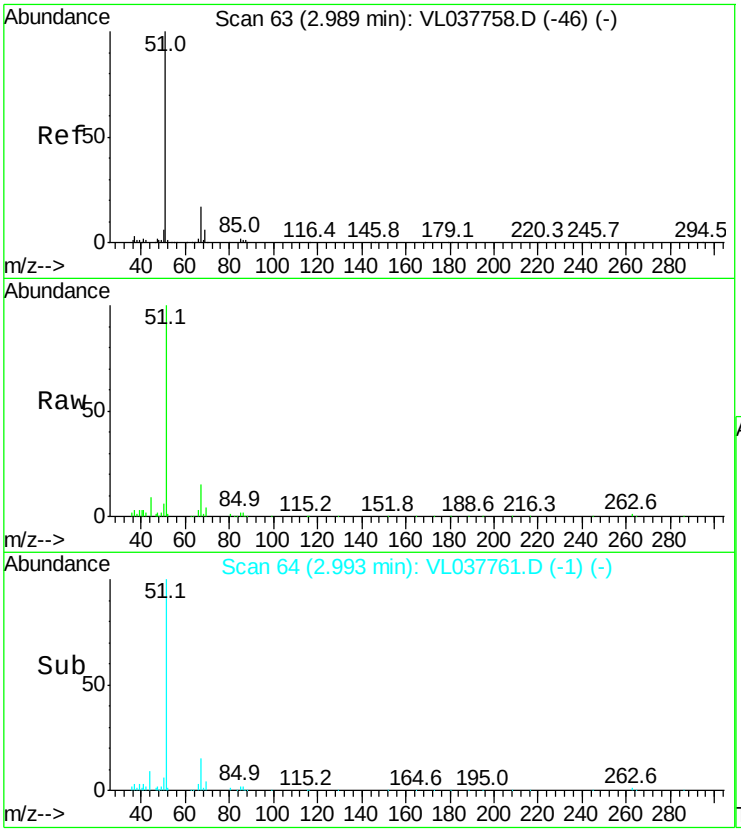


#2
Dichlorodifluoromethane
Concen: 0.620 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 85 Resp: 160762

Ion	Ratio	Lower	Upper
85	100		
87	34.6	25.7	38.5



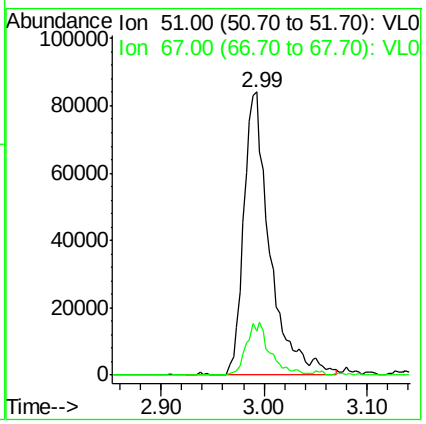


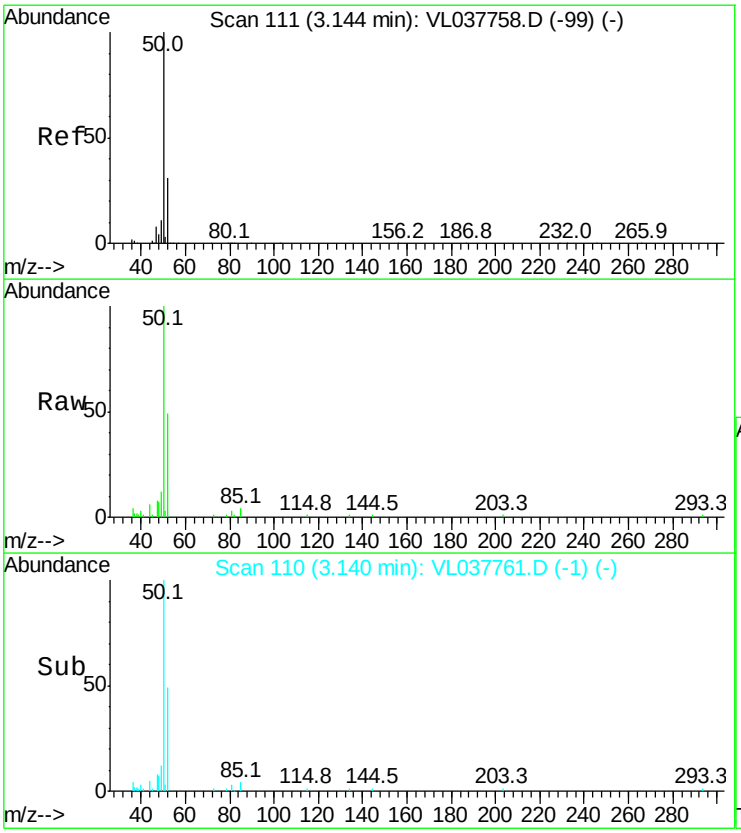
#3
Chlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 148477

Ion	Ratio	Lower	Upper
51	100		
67	17.7	13.5	20.3

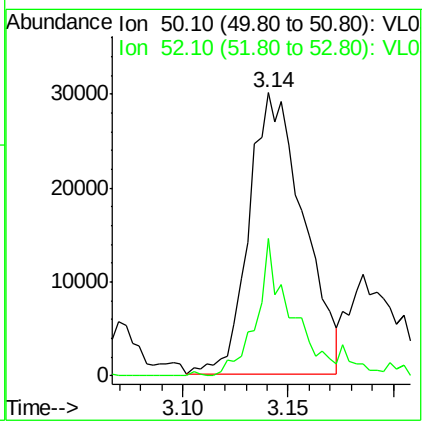


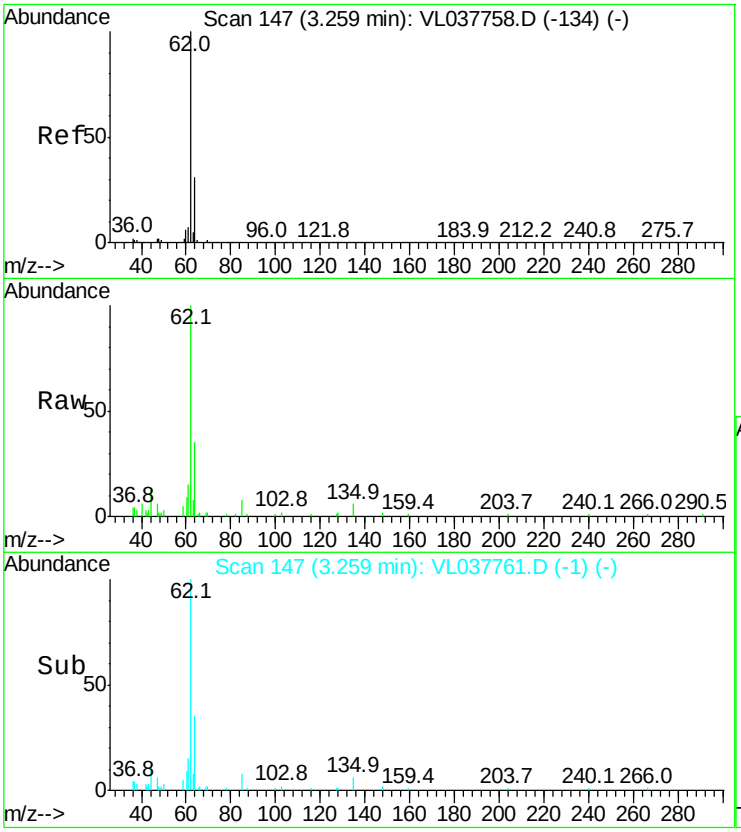


#4
Chloromethane
Concen: 0.541 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 50 Resp: 54006

Ion	Ratio	Lower	Upper
50	100		
52	50.0	24.4	36.6#



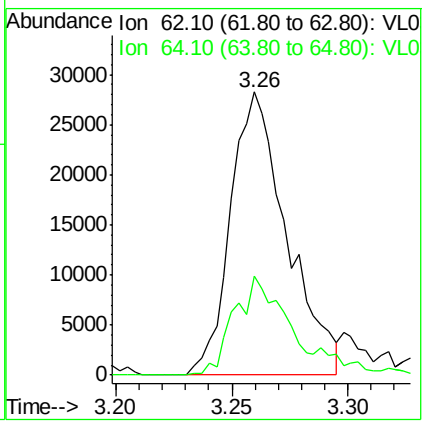


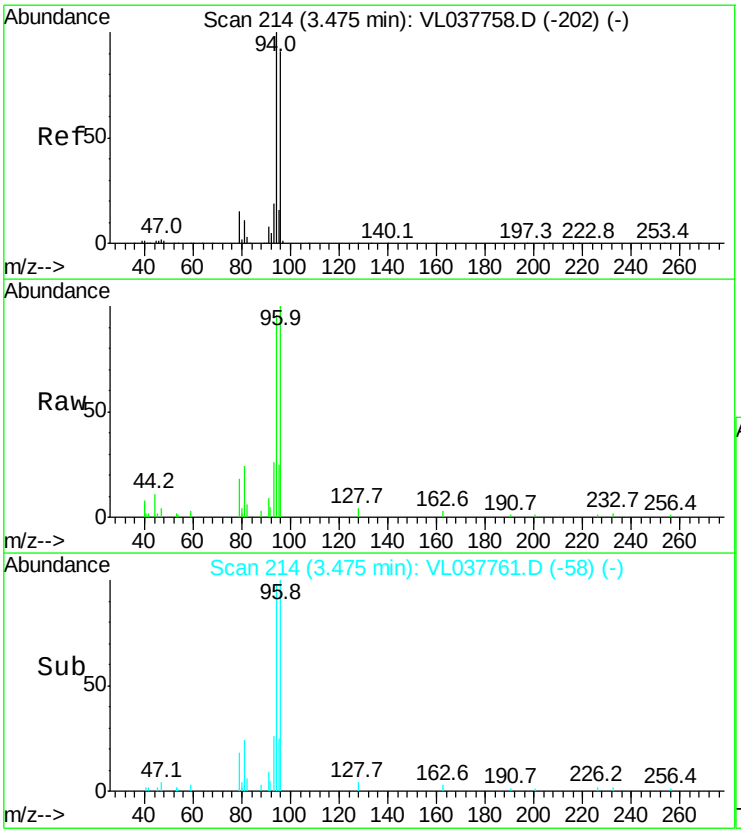
#5
Vinyl Chloride
Concen: 0.508 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 47650

Ion	Ratio	Lower	Upper
62	100		
64	35.1	24.9	37.3

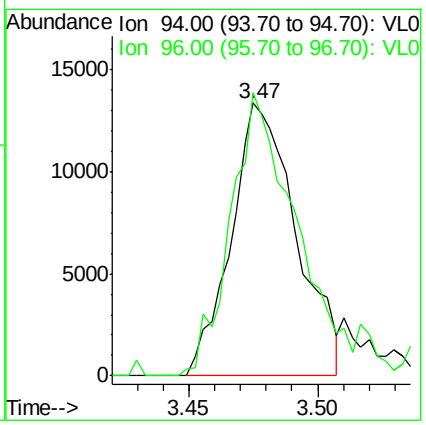


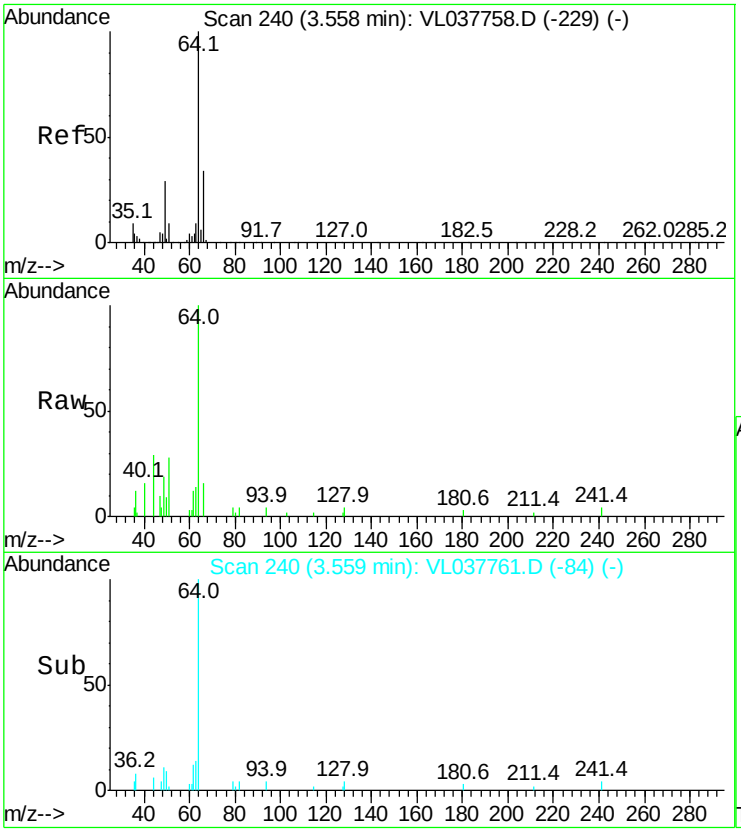


#6
Bromomethane
Concen: 0.431 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 94 Resp: 23454

Ion	Ratio	Lower	Upper
94	100		
96	101.2	72.5	108.7



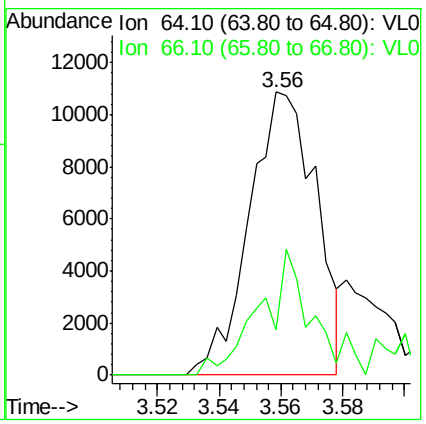


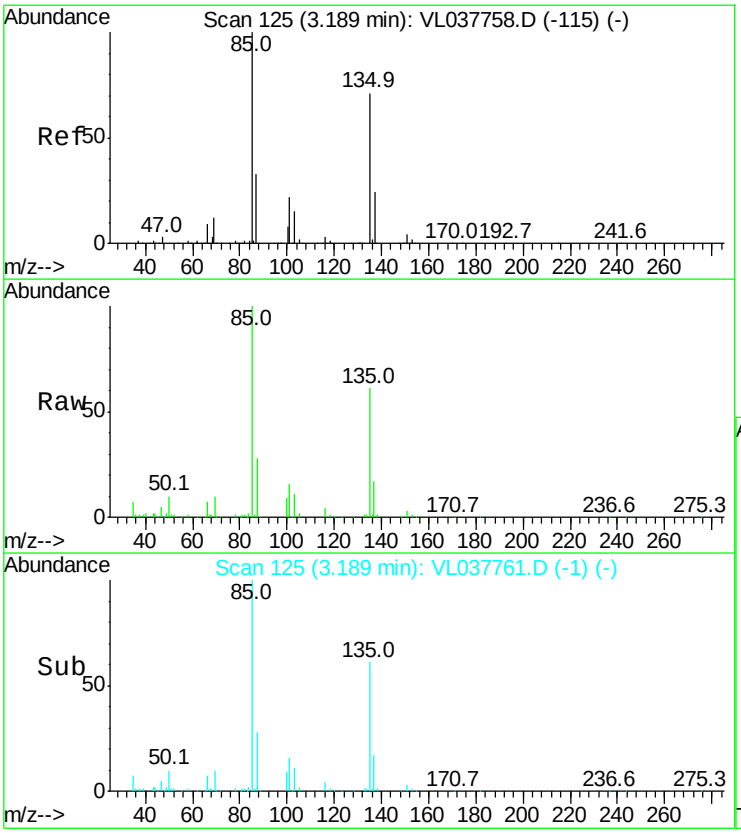
#7
Chloroethane
Concen: 0.464 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 16267

Ion	Ratio	Lower	Upper
64	100		
66	16.2	27.5	41.3#

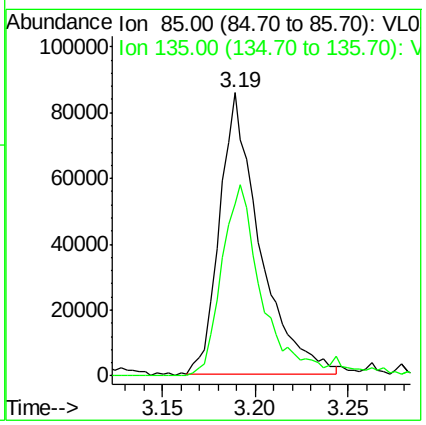


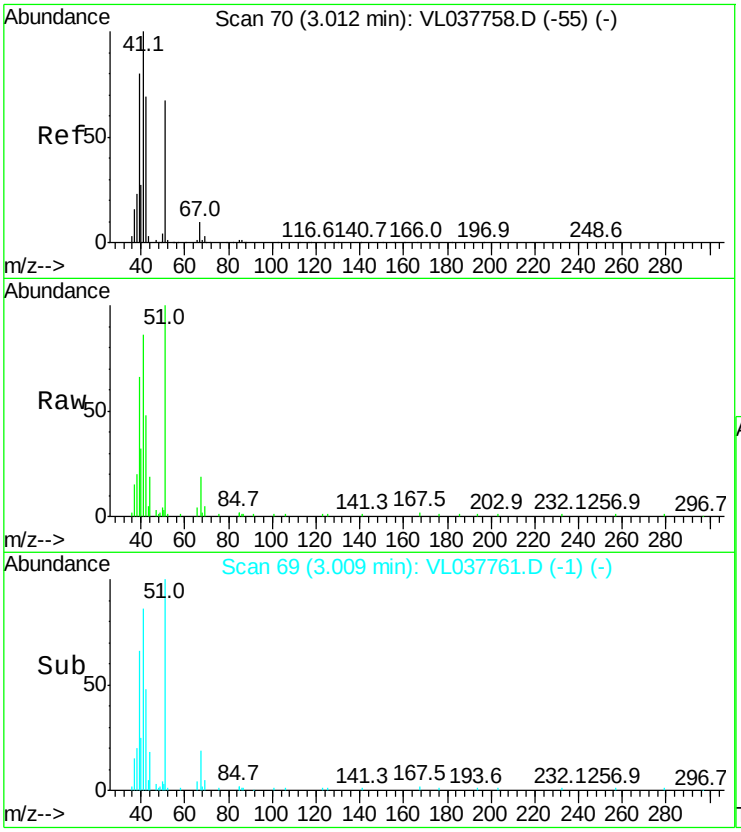


#8
Dichlorotetrafluoroethane
Concen: 0.578 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 85 Resp: 129288

Ion	Ratio	Lower	Upper
85	100		
135	71.6	59.5	89.3



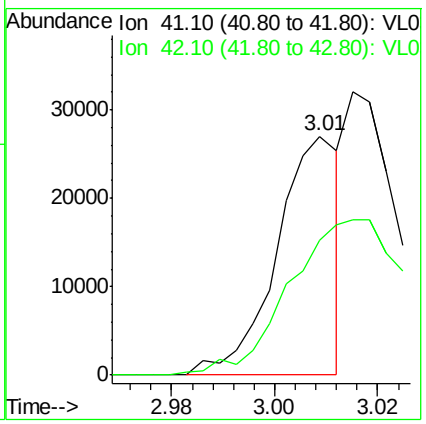


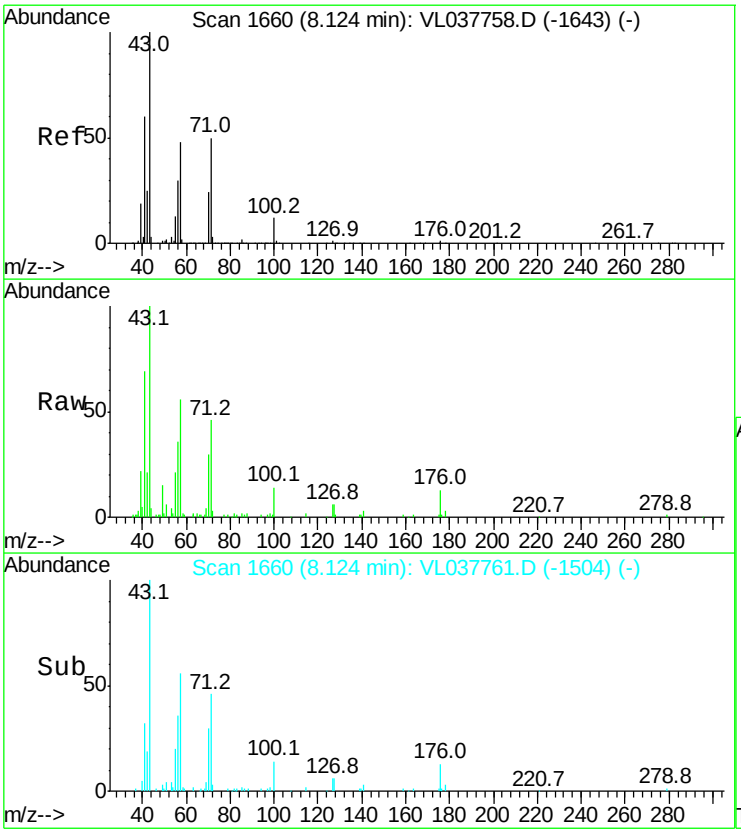
#9
Propene
Concen: 0.239 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 22812

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#

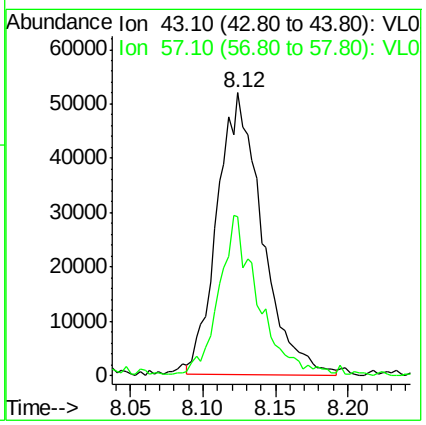


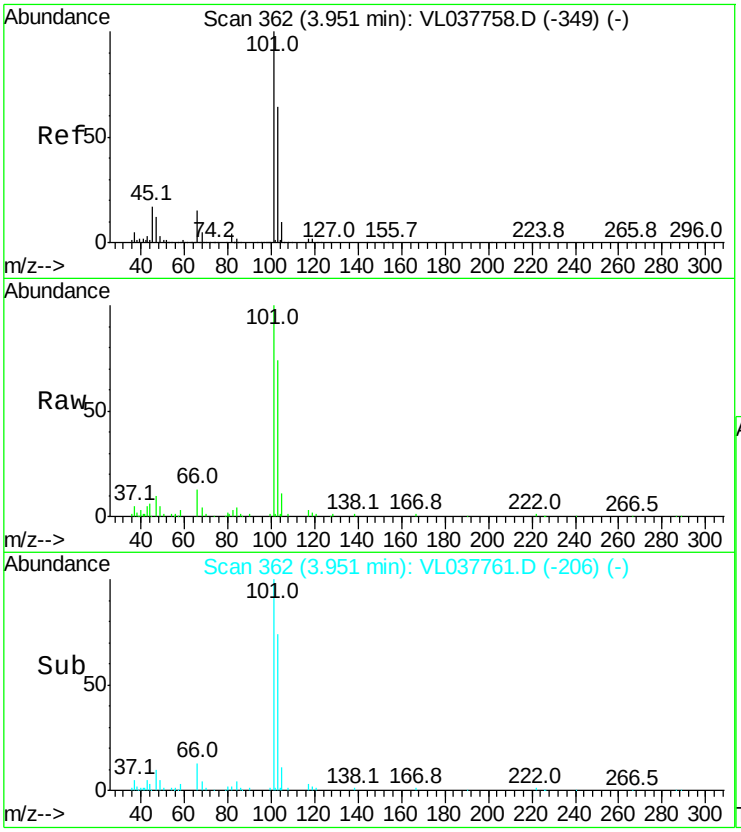


#10
Heptane
Concen: 0.507 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 43 Resp: 112643

Ion	Ratio	Lower	Upper
43	100		
57	51.5	40.0	60.0



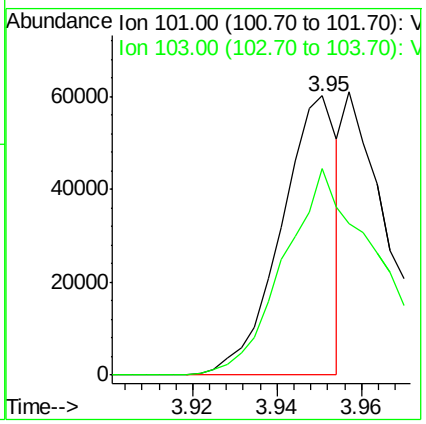


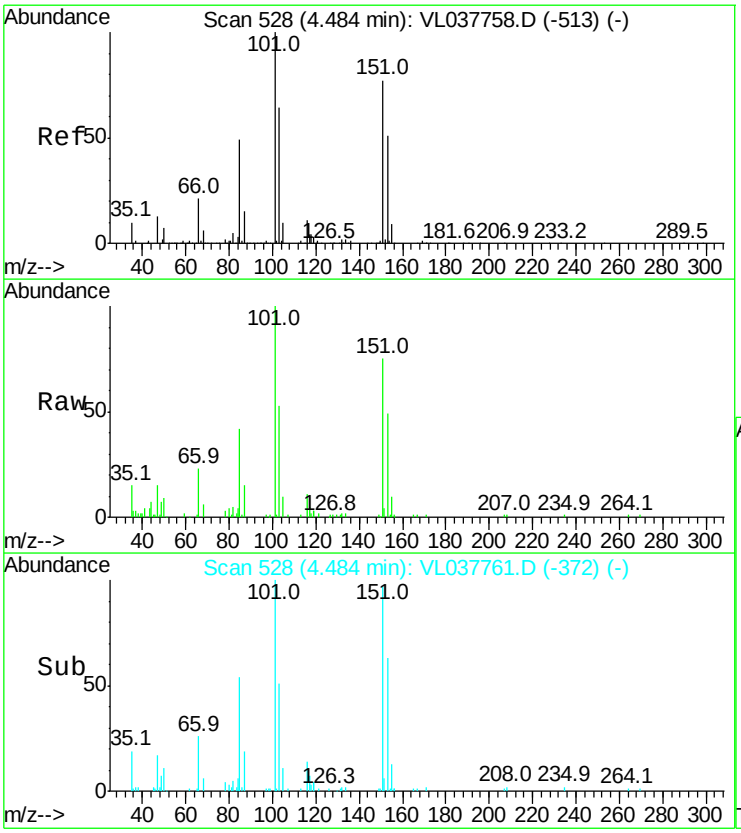
#11
Trichlorofluoromethane
Concen: 0.268 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 55739

Ion	Ratio	Lower	Upper
101	100		
103	73.6	51.5	77.3

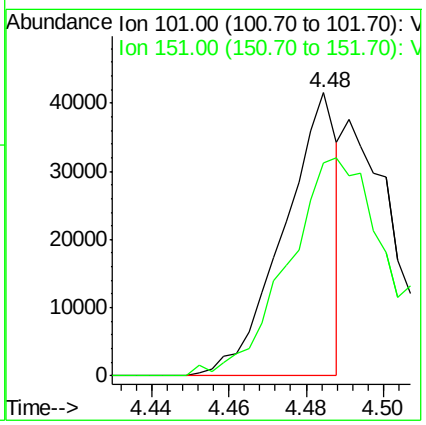


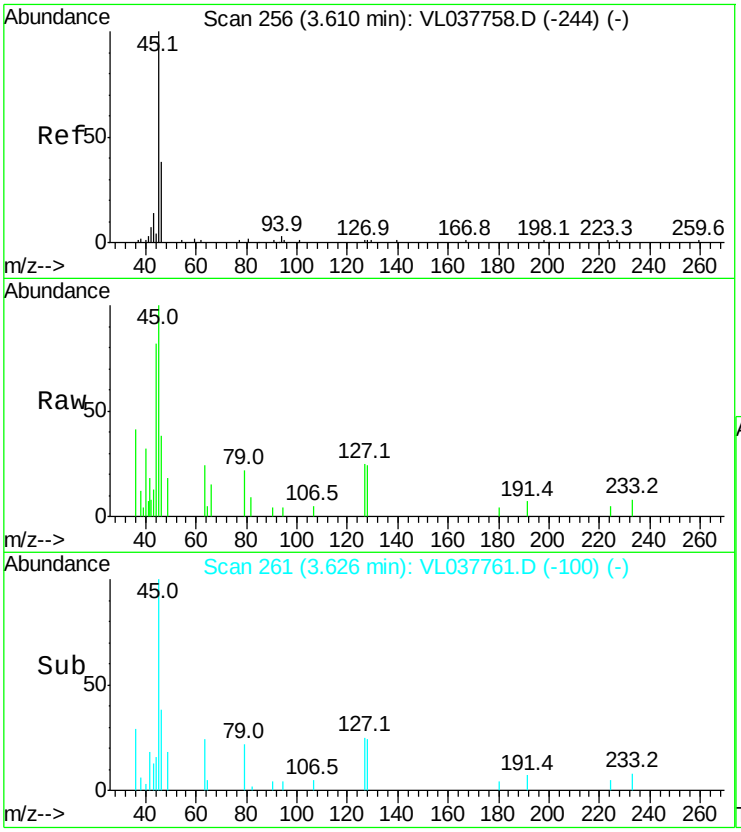


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.259 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:101 Resp: 39820

Ion	Ratio	Lower	Upper
101	100		
151	0.0	62.9	94.3#



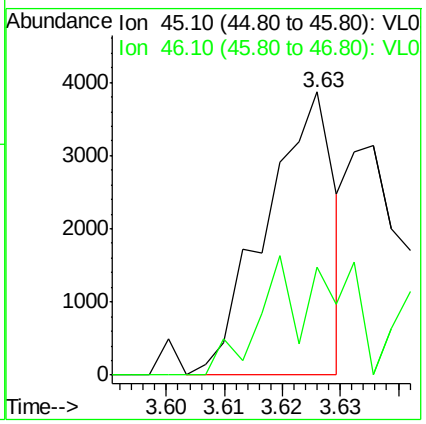


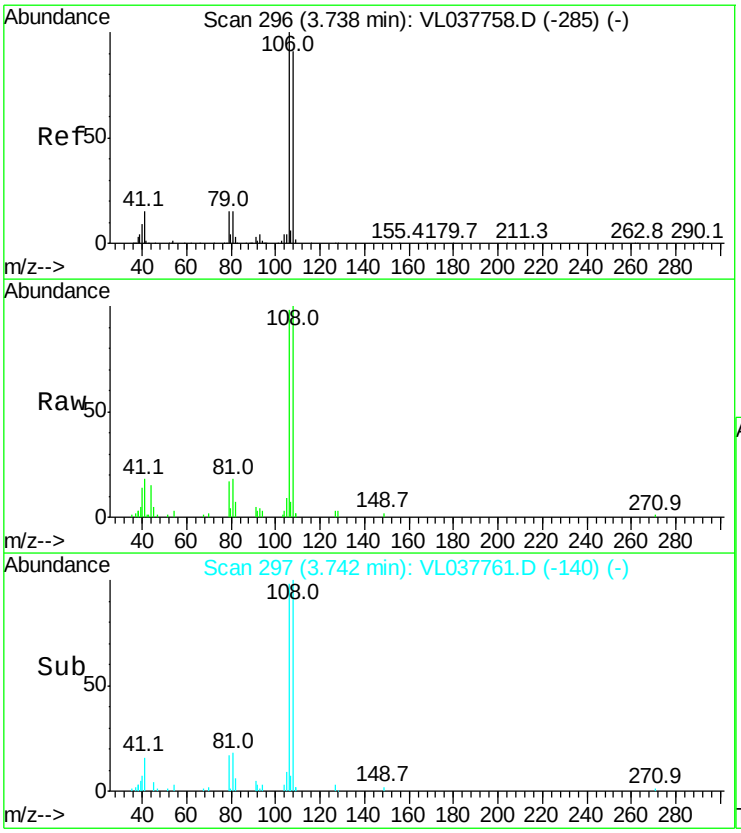
#13
Ethanol
Concen: 0.340 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 3169

Ion	Ratio	Lower	Upper
45	100		
46	50.0	20.2	81.0

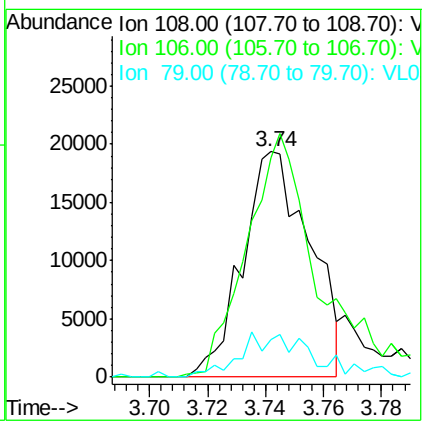


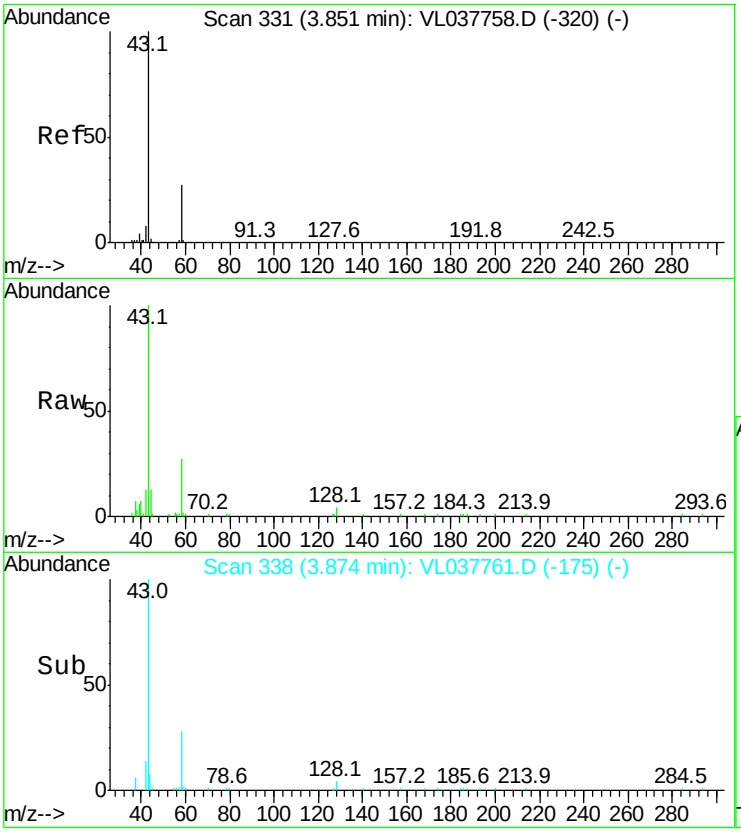


#14
Bromoethene
Concen: 0.445 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:108 Resp: 31107

Ion	Ratio	Lower	Upper
108	100		
106	125.0	91.9	137.9
79	21.9	13.9	20.9#



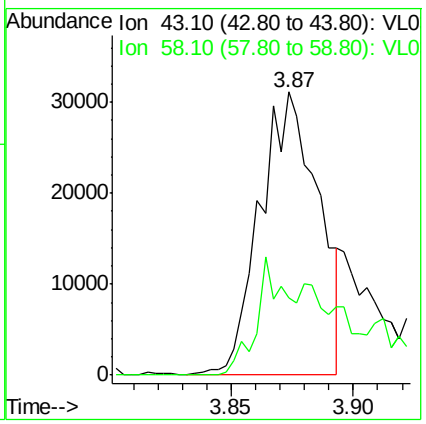


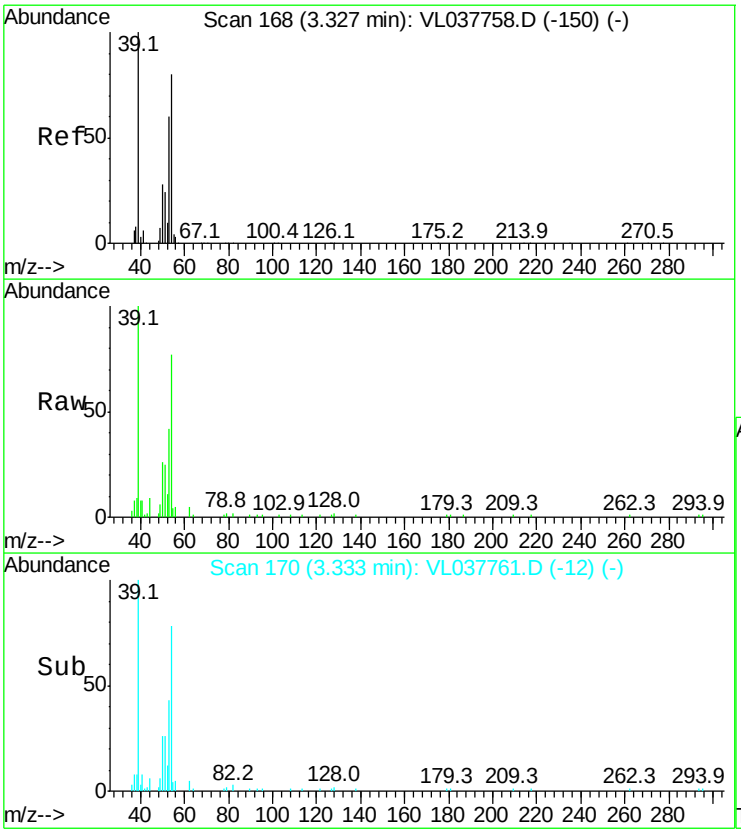
#15
Acetone
Concen: 0.347 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 51645

Ion	Ratio	Lower	Upper
43	100		
58	64.9	23.0	34.6#

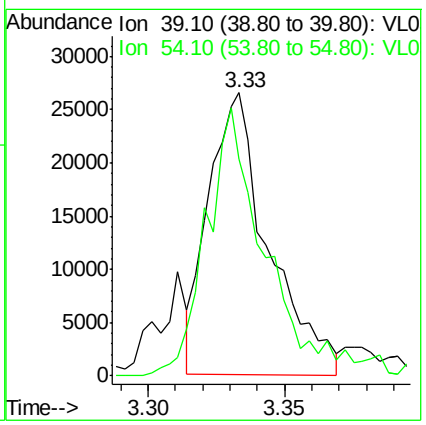


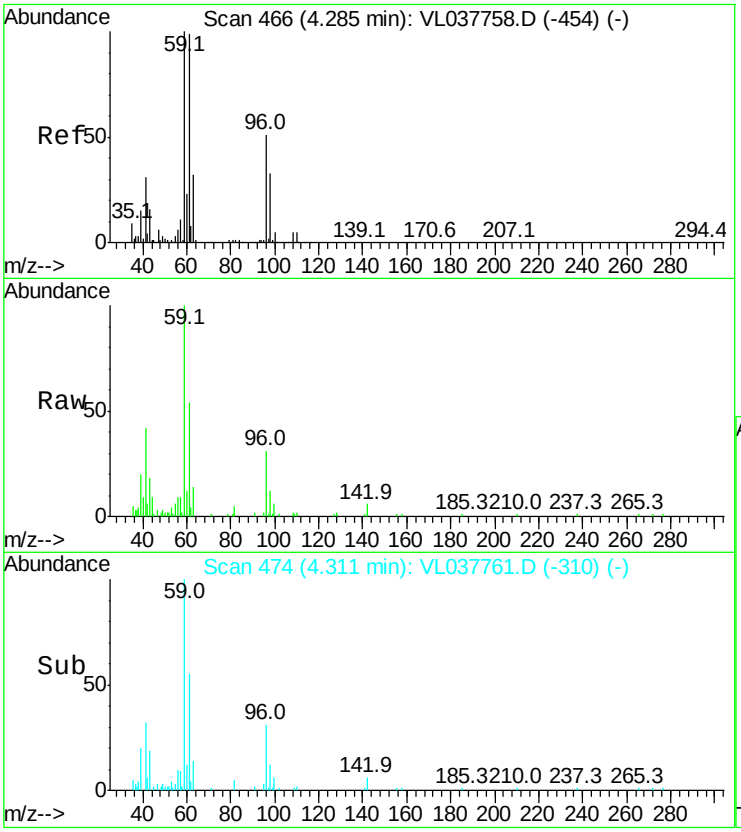


#16
1,3-Butadiene
Concen: 0.436 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 39 Resp: 40495

Ion	Ratio	Lower	Upper
39	100		
54	97.5	61.7	92.5#



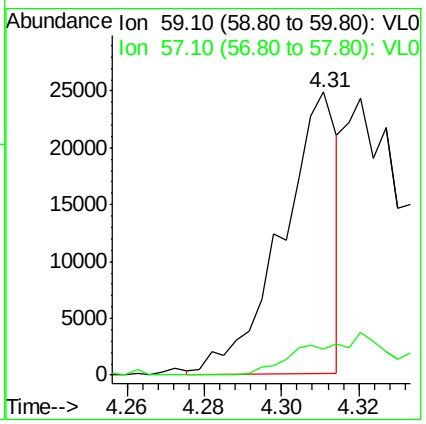


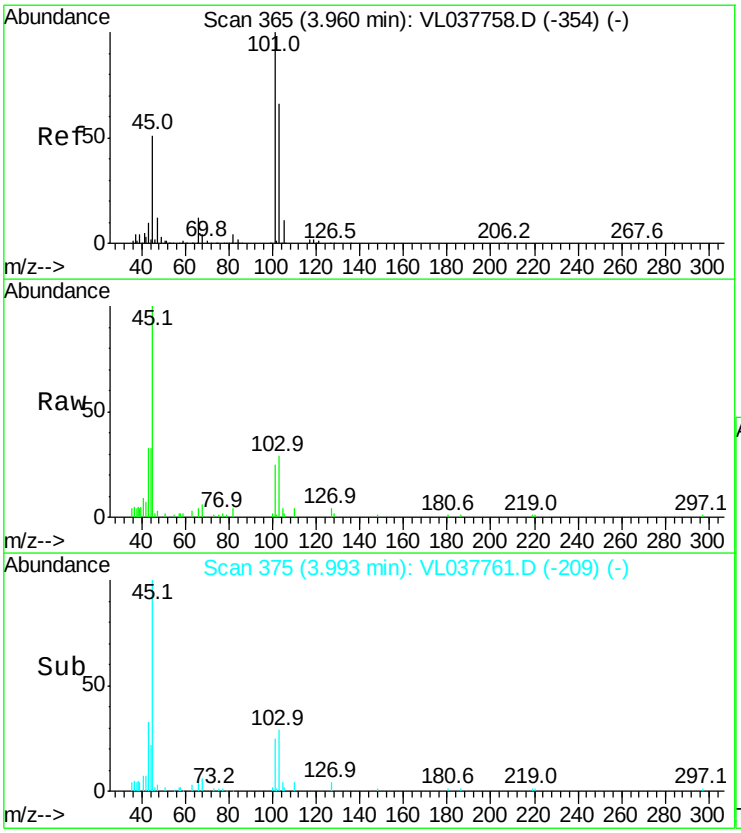
#17
tert-Butyl alcohol
Concen: 0.195 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 24602

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

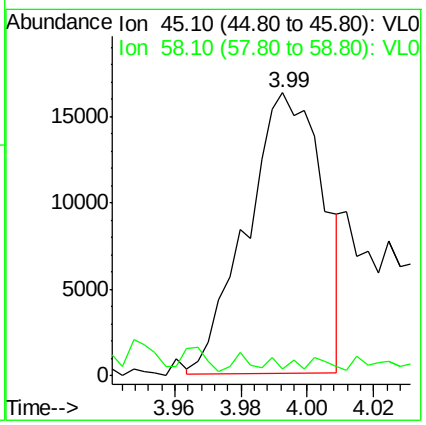


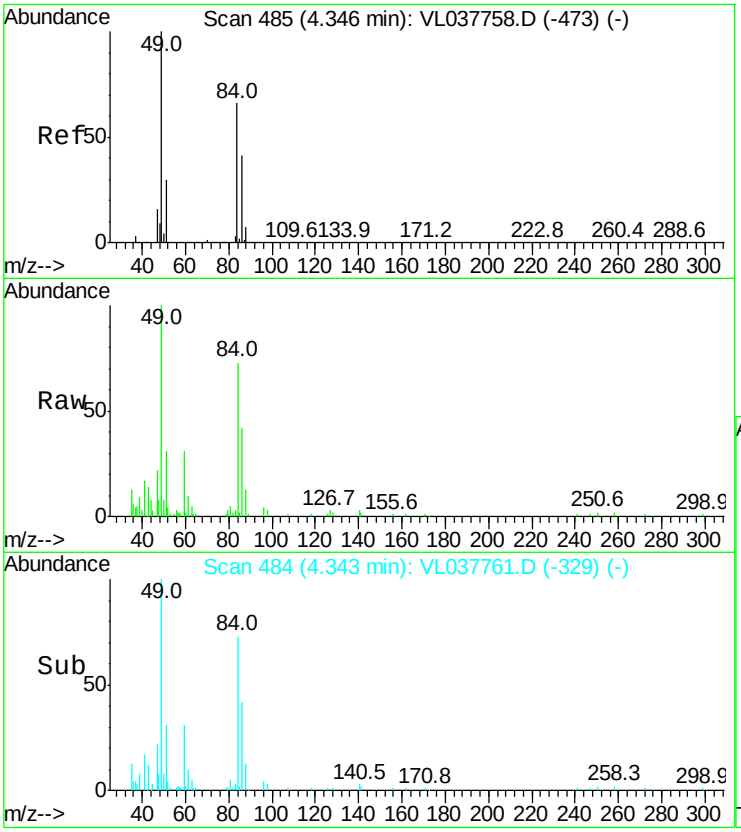


#19
Isopropyl Alcohol
Concen: 0.322 ppbv
RT: 3.99 min Scan# 375
Delta R.T. 0.03 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 45 Resp: 26061

Ion	Ratio	Lower	Upper
45	100		
58	15.1	1.1	1.7#



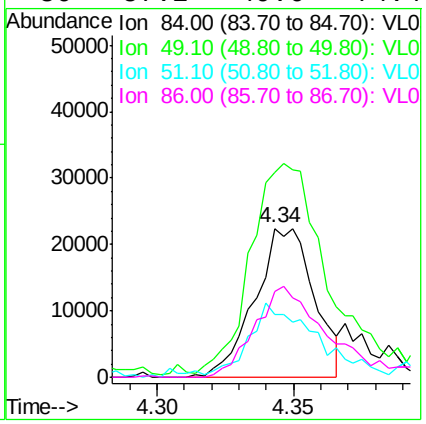


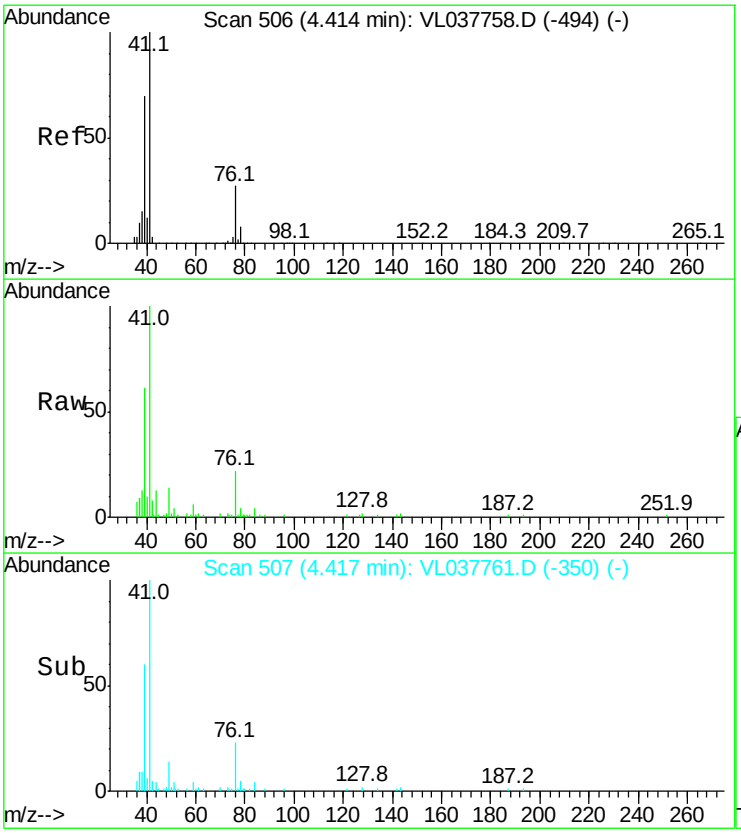
#20
Methylene Chloride
Concen: 0.477 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 33881

Ion	Ratio	Lower	Upper
84	100		
49	134.3	120.7	181.1
51	40.0	36.2	54.4
86	57.2	49.6	74.4

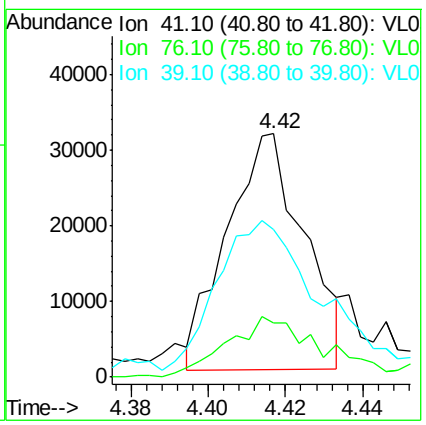


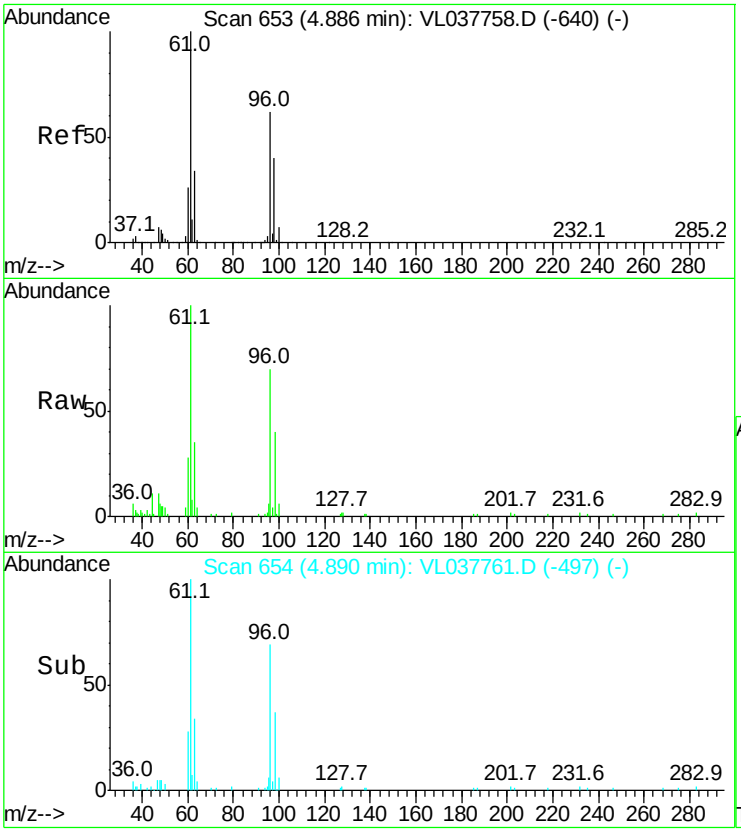


#21
Allyl Chloride
Concen: 0.391 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 41 Resp: 43457

Ion	Ratio	Lower	Upper
41	100		
76	36.7	22.4	33.6#
39	98.2	58.0	87.0#



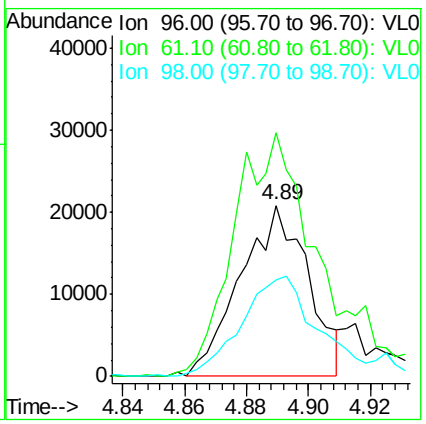


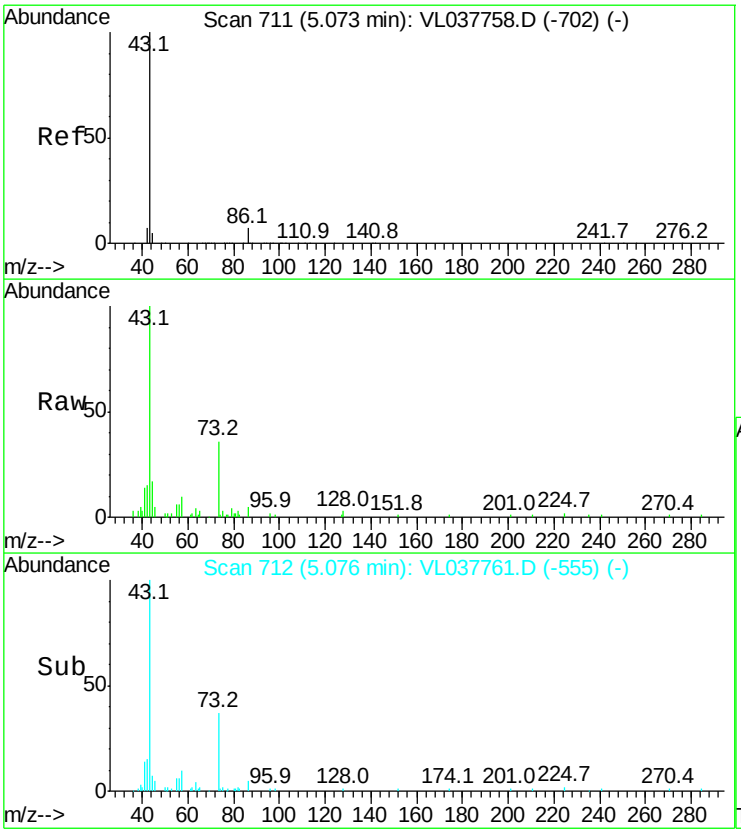
#22
trans-1,2-Dichloroethene
Concen: 0.439 ppbv
RT: 4.89
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 31626

Ion	Ratio	Lower	Upper
96	100		
61	138.2	129.0	193.6
98	54.3	51.7	77.5

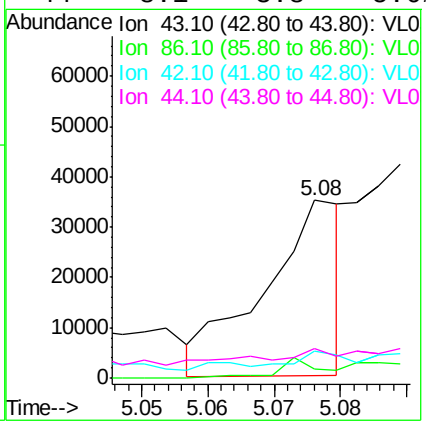


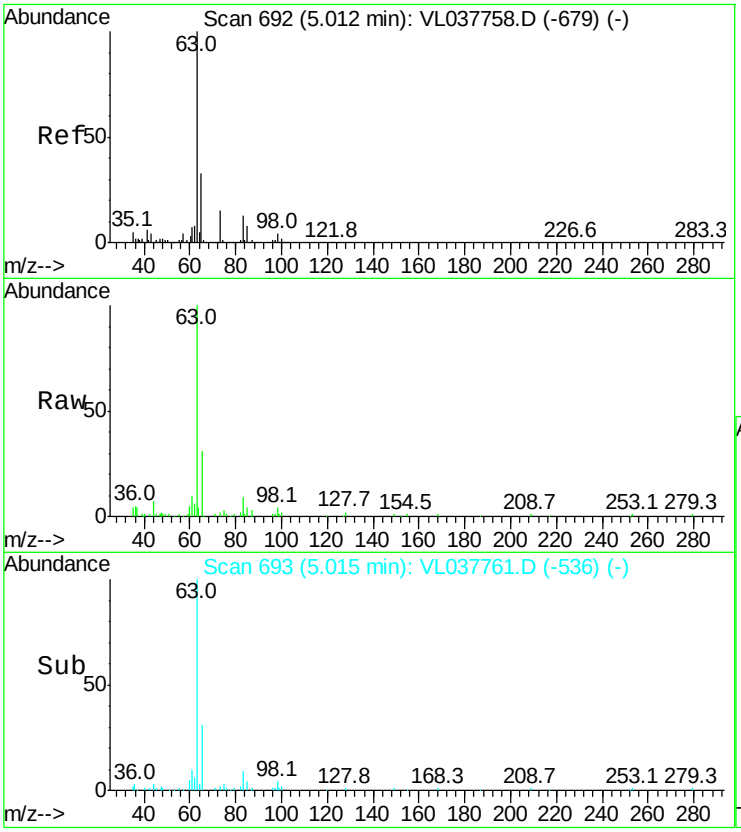


#23
Vinyl Acetate
Concen: 0.138 ppbv
RT: 5.08 min Scan# 712
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 43 Resp: 28442

Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	13.5	7.4	11.0#
44	8.1	3.8	5.6#



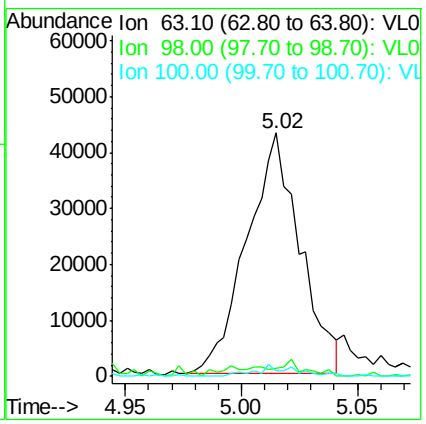


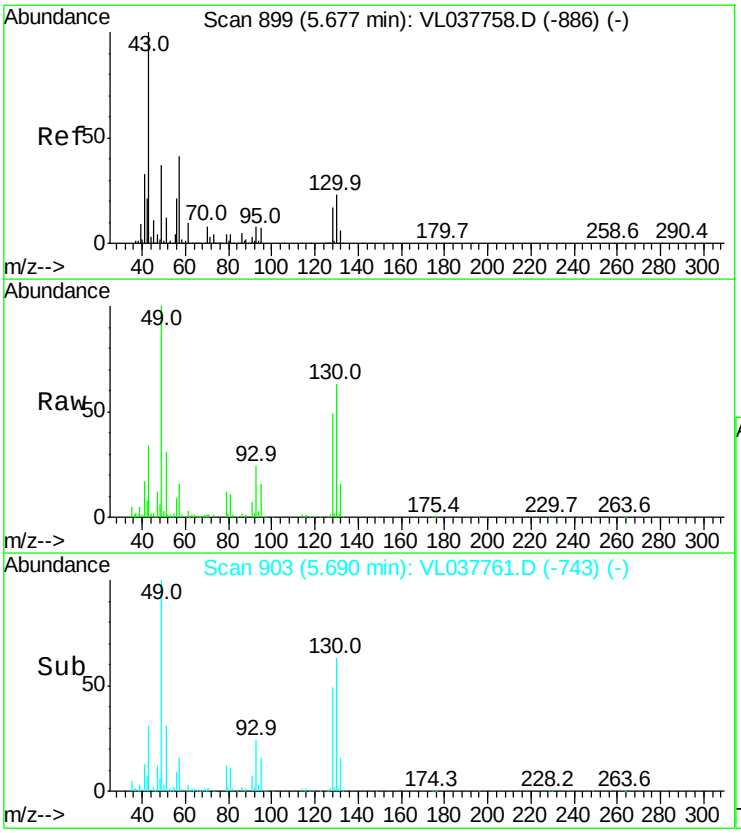
#24
1,1-Dichloroethane
Concen: 0.467 ppbv
RT: 5.02
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 68912

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.3	6.9
100	2.1	1.1	3.1

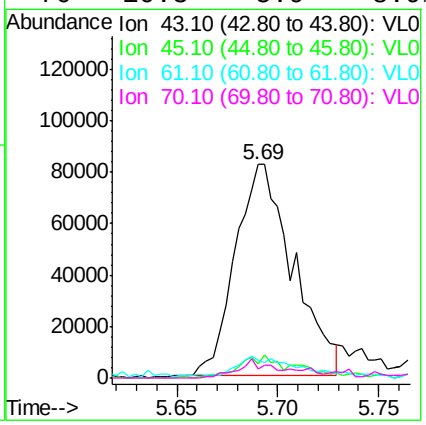


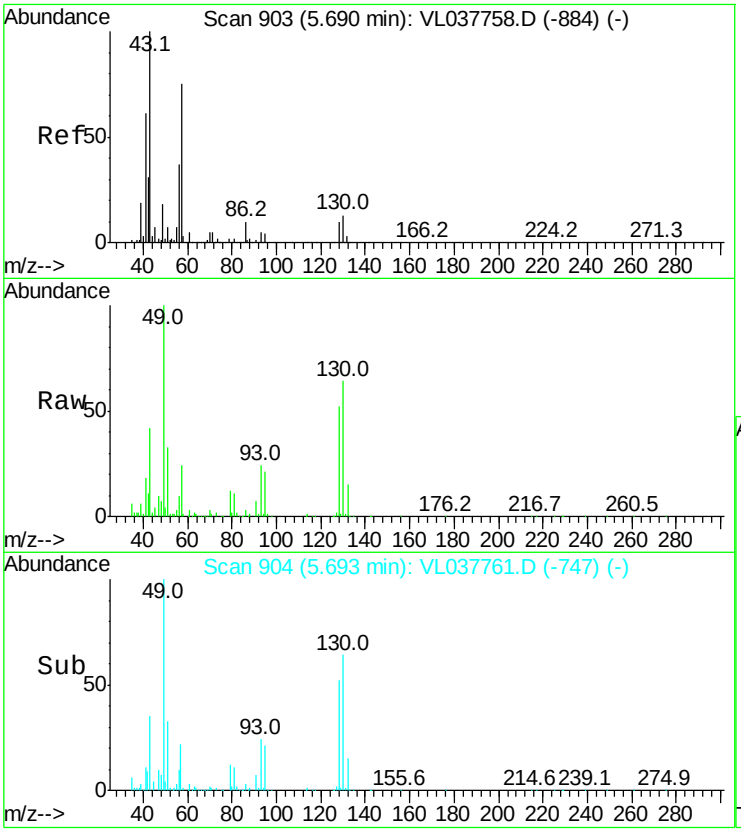


#25
Ethyl Acetate
Concen: 0.456 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 43 Resp: 164339

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.1	12.1
61	13.2	7.5	11.3#
70	10.3	5.9	8.9#



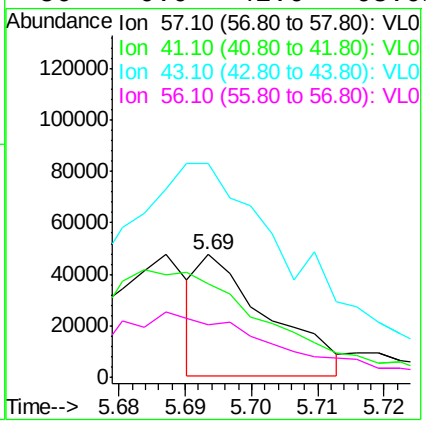


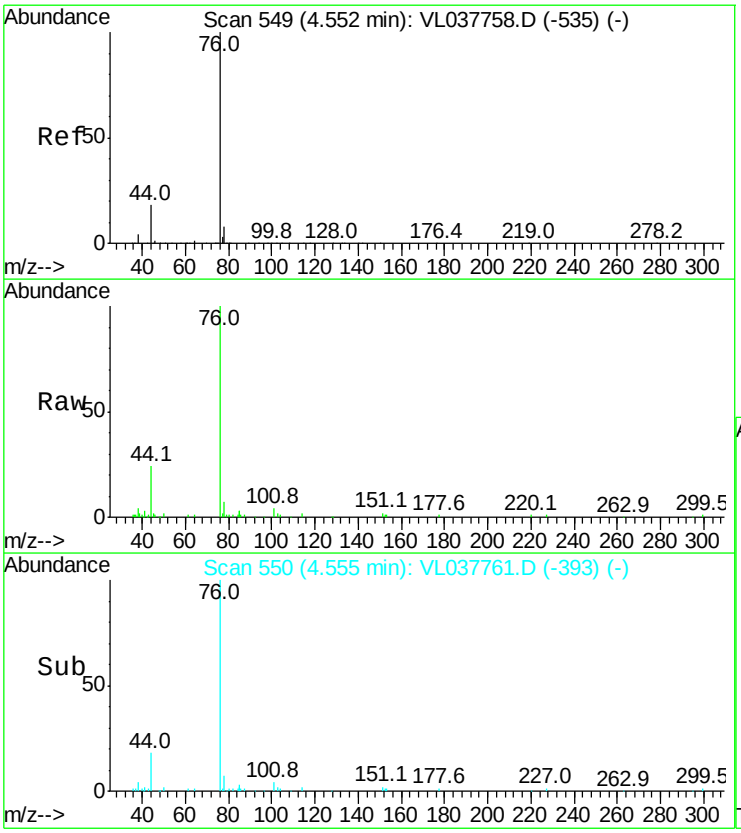
#26
Hexane
Concen: 0.201 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 34370

Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.6	104.4#
43	562.8	171.4	257.0#
56	0.0	42.0	63.0#

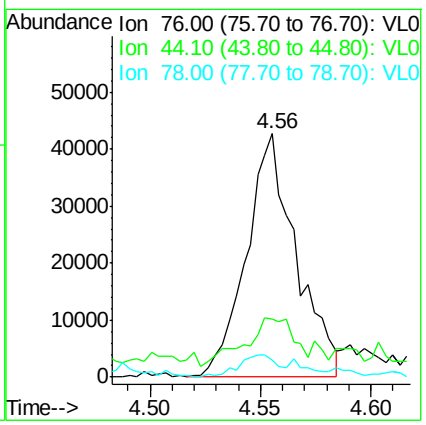


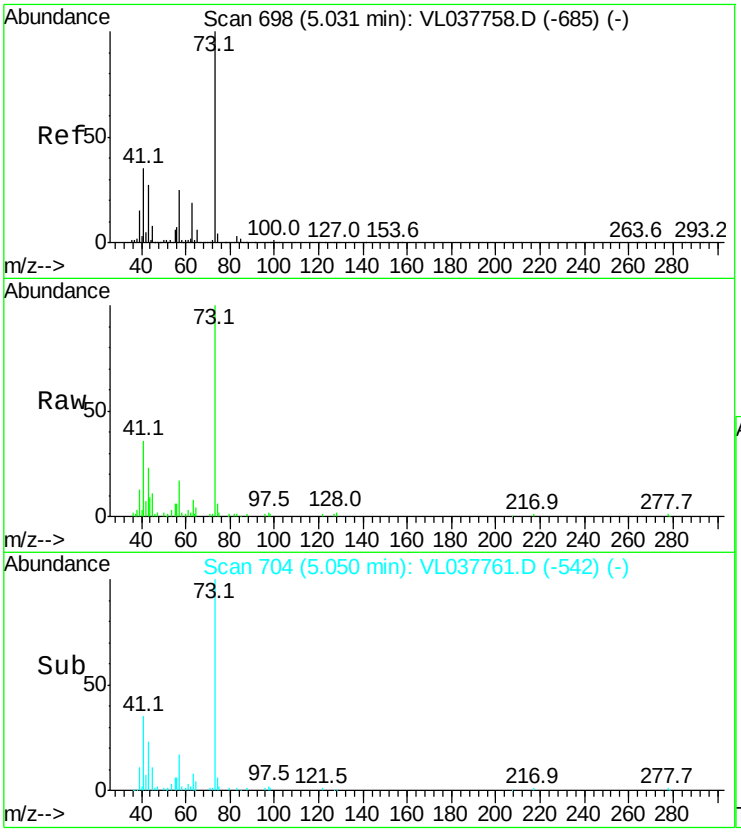


#27
Carbon Disulfide
Concen: 0.426 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 76 Resp: 66775

Ion	Ratio	Lower	Upper
76	100		
44	24.1	14.3	21.5#
78	12.3	7.8	11.6#



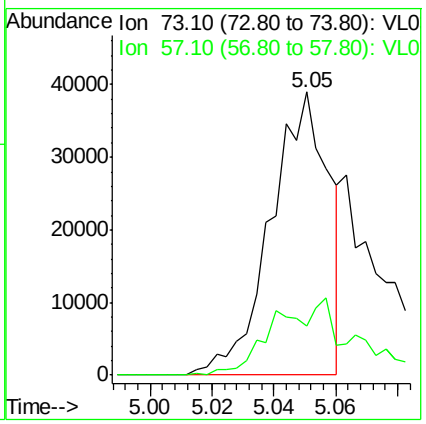


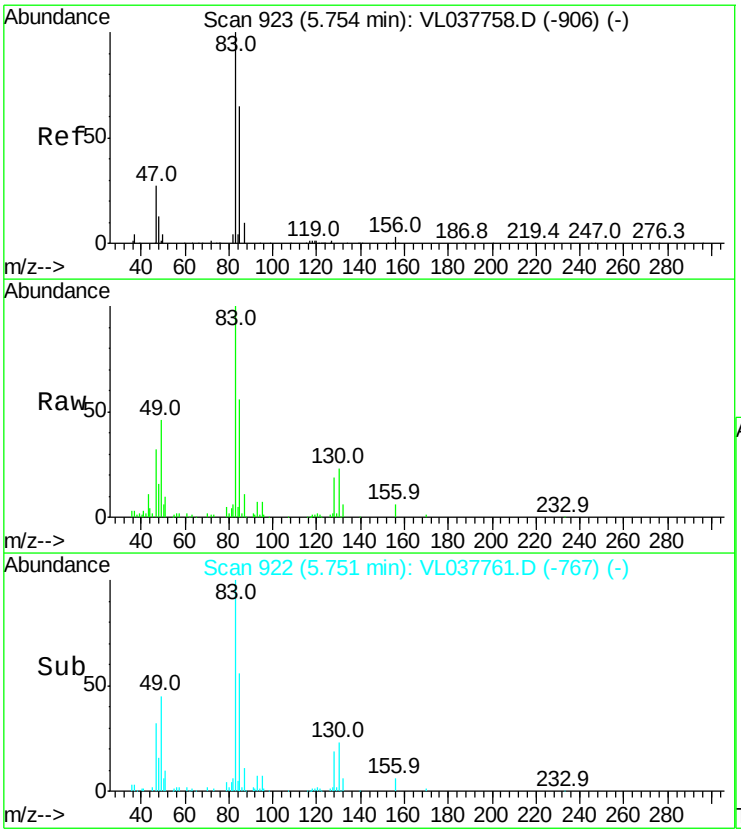
#28
Methyl tert-Butyl Ether
Concen: 0.337 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 50827

Ion	Ratio	Lower	Upper
73	100		
57	40.4	20.4	30.6#

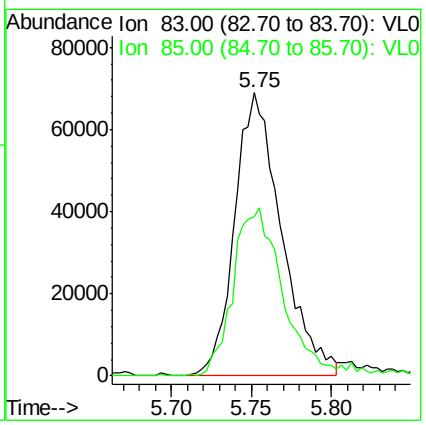


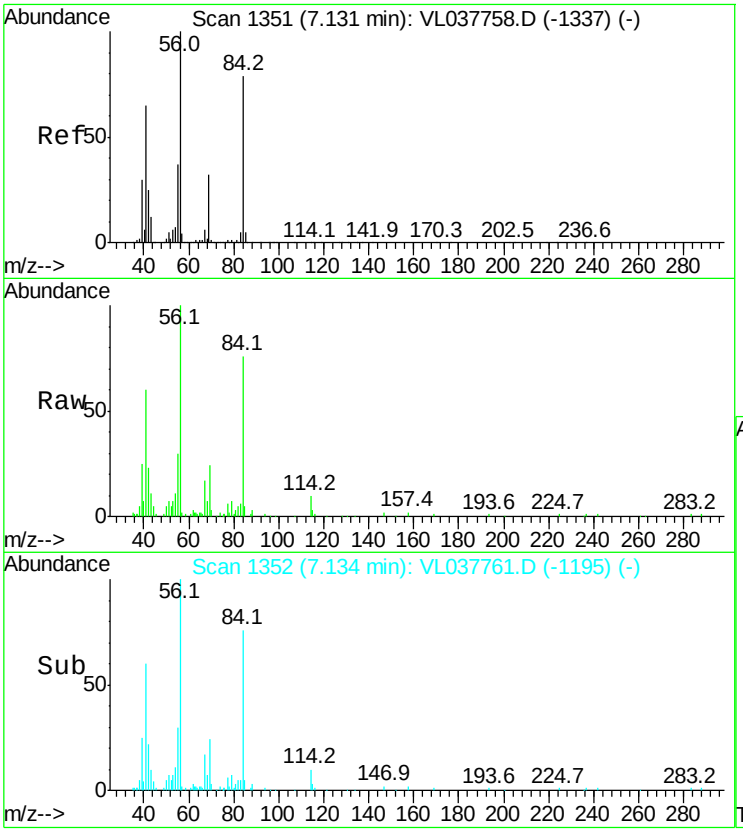


#29
Chloroform
Concen: 0.551 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 83 Resp: 137606

Ion	Ratio	Lower	Upper
83	100		
85	56.2	51.8	77.8



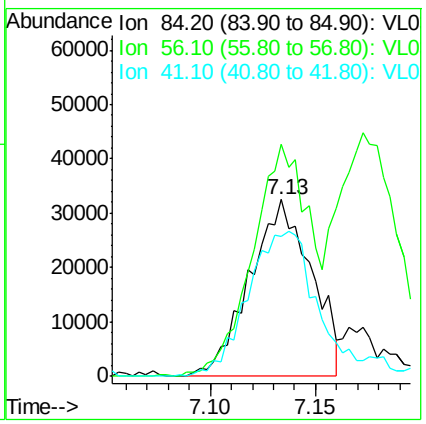


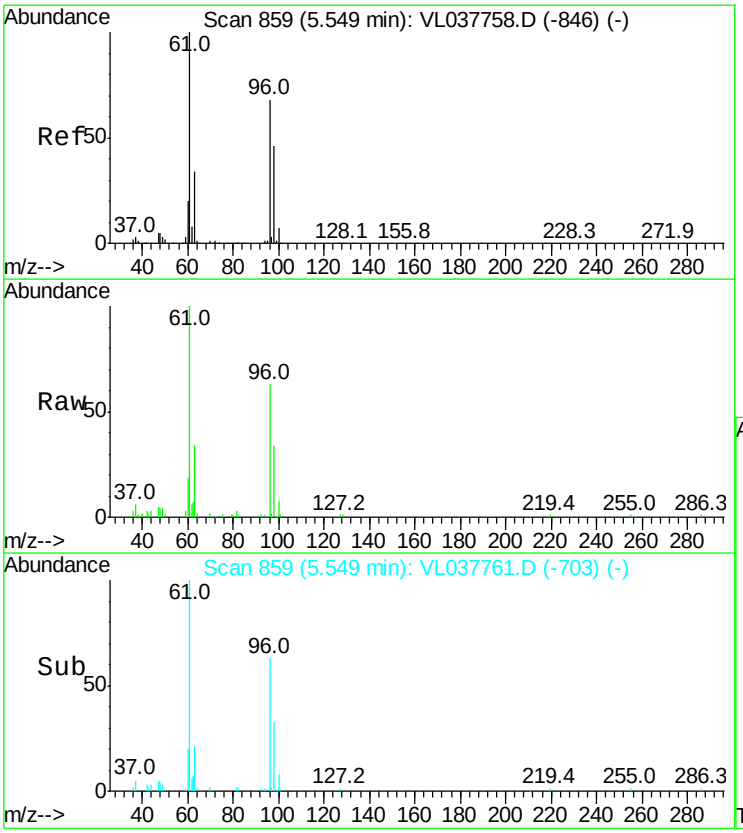
#30
Cyclohexane
Concen: 0.450 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 65902

Ion	Ratio	Lower	Upper
84	100		
56	116.9	113.0	169.4
41	97.6	69.1	103.7

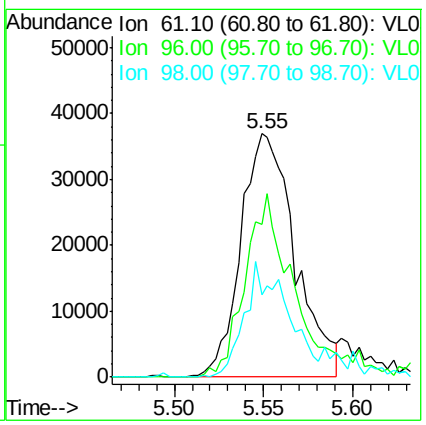


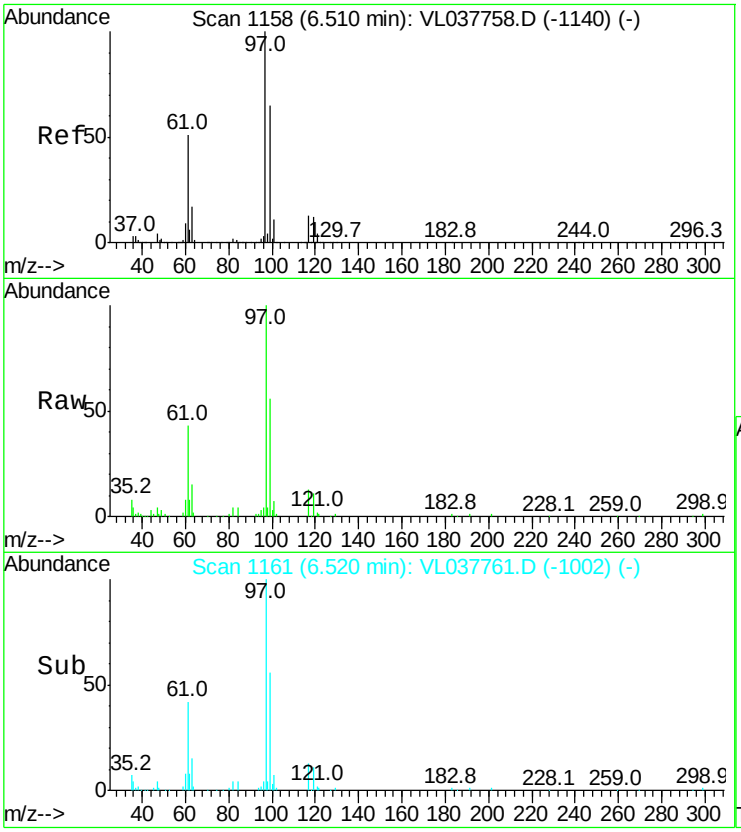


#31
cis-1,2-Dichloroethene
Concen: 0.505 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 61 Resp: 78449

Ion	Ratio	Lower	Upper
61	100		
96	59.1	54.2	81.2
98	31.7	36.6	54.8#



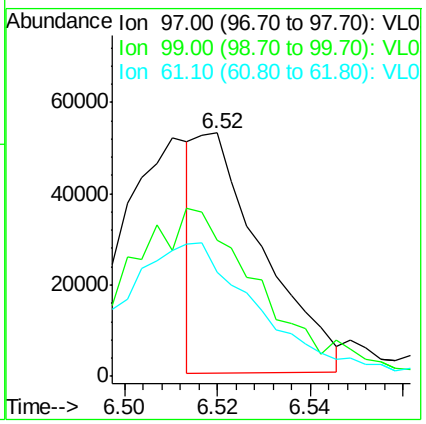


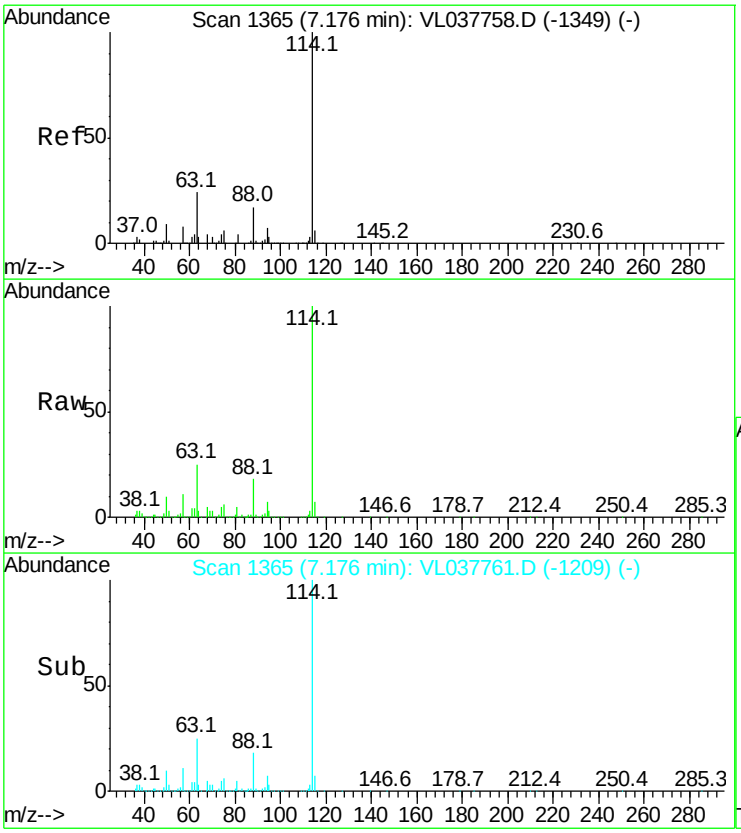
#32
1,1,1-Trichloroethane
Concen: 0.227 ppbv
RT: 6.52
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 52739

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.6	78.8#
61	122.3	40.2	60.4#

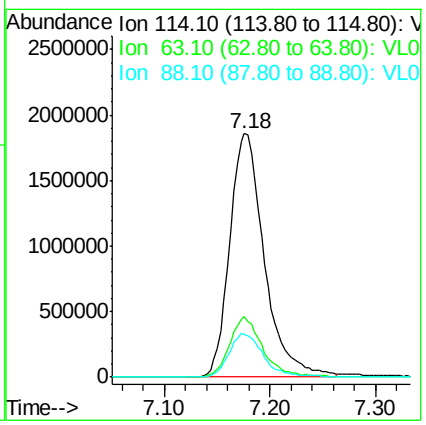


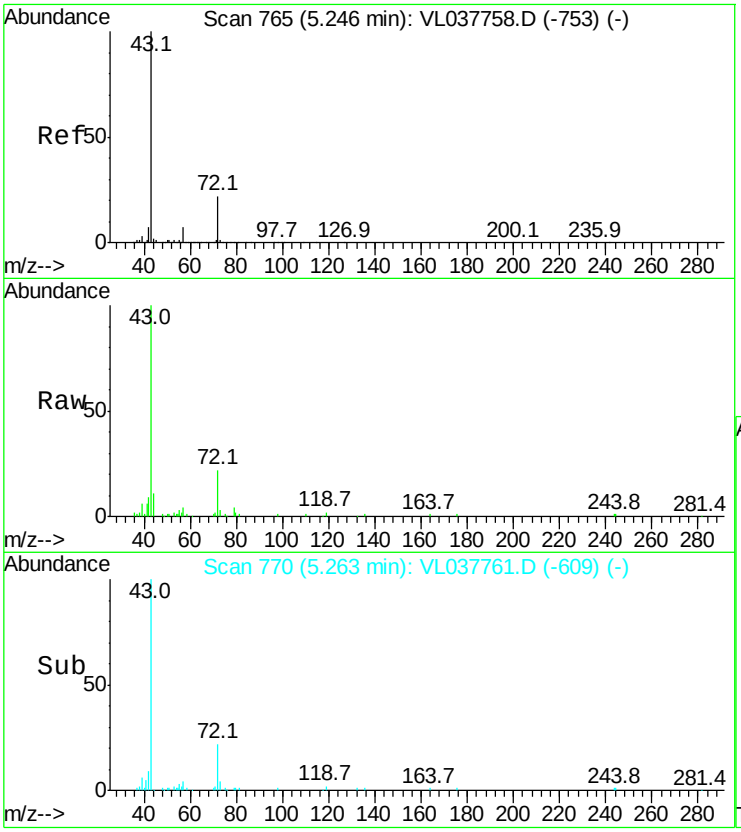


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:114 Resp: 4238988

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	18.0	14.4	21.6



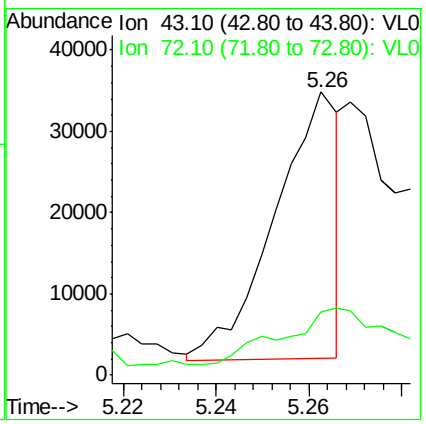


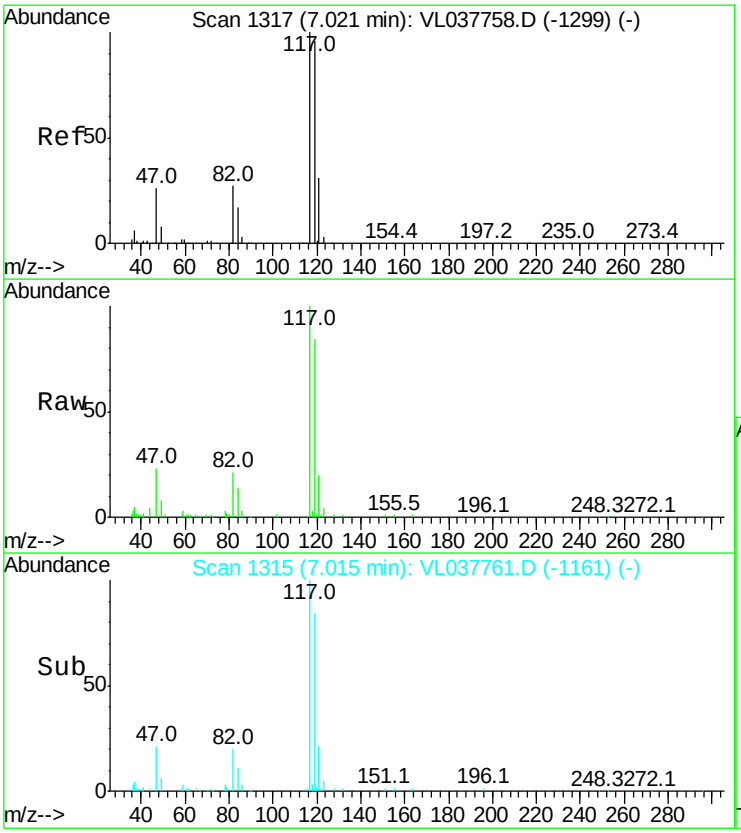
#34
2-Butanone
Concen: 0.183 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 31466

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

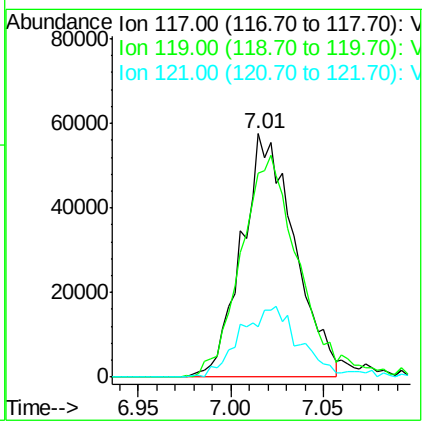


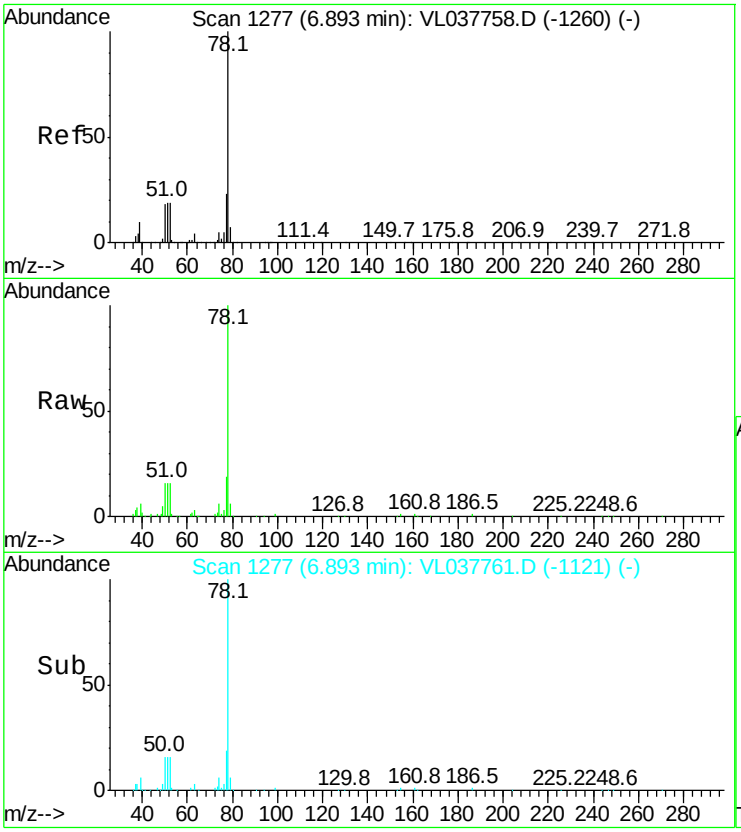


#35
Carbon Tetrachloride
Concen: 0.477 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:117 Resp: 114261

Ion	Ratio	Lower	Upper
117	100		
119	83.3	76.5	114.7
121	20.4	24.9	37.3#



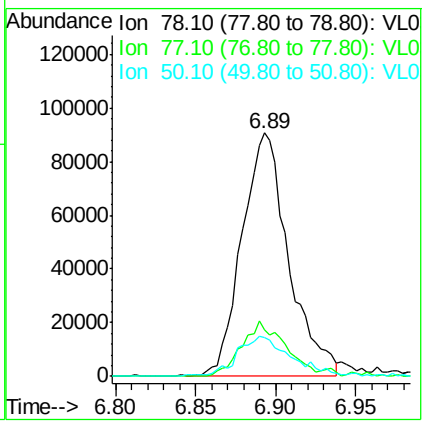


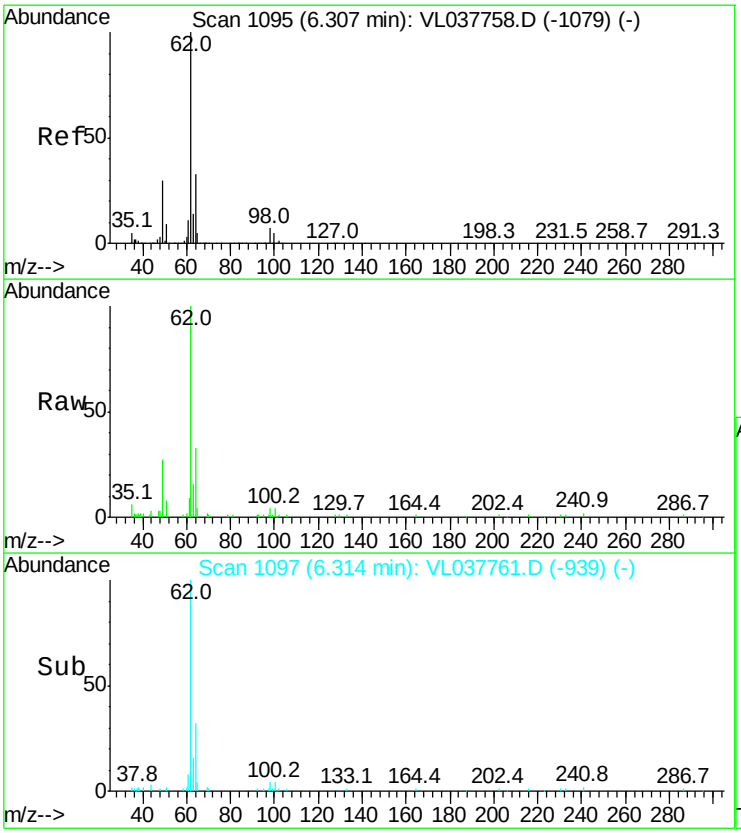
#36
Benzene
Concen: 0.514 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 181574

Ion	Ratio	Lower	Upper
78	100		
77	18.9	18.8	28.2
50	15.2	14.7	22.1

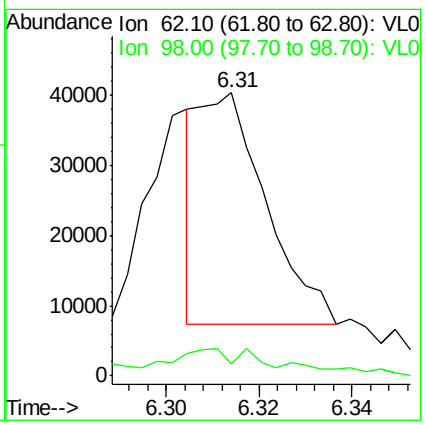


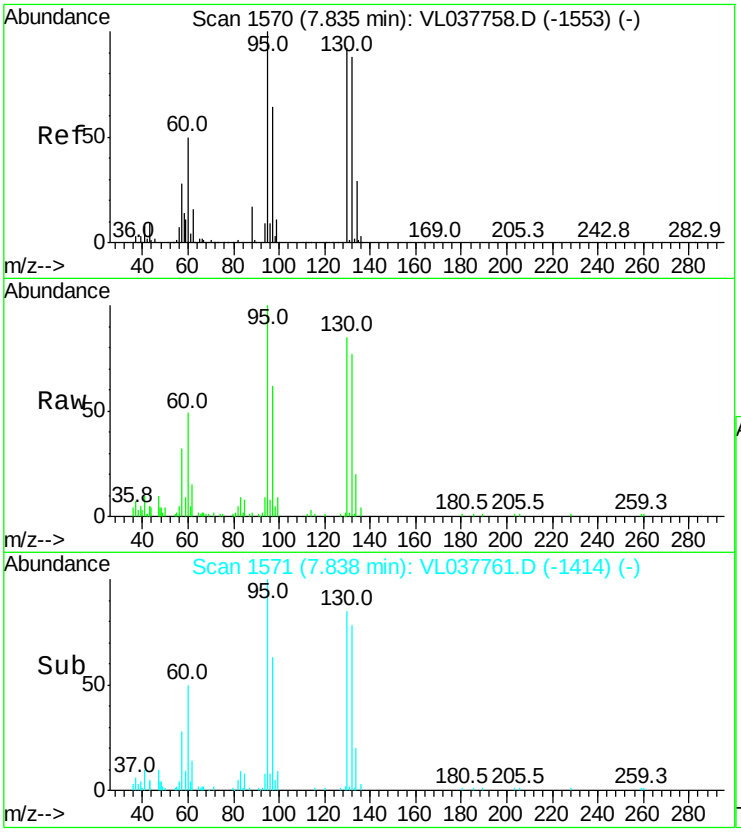


#37
1,2-Dichloroethane
Concen: 0.190 ppbv
RT: 6.31 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 62 Resp: 33033

Ion	Ratio	Lower	Upper
62	100		
98	23.4	6.1	9.1#



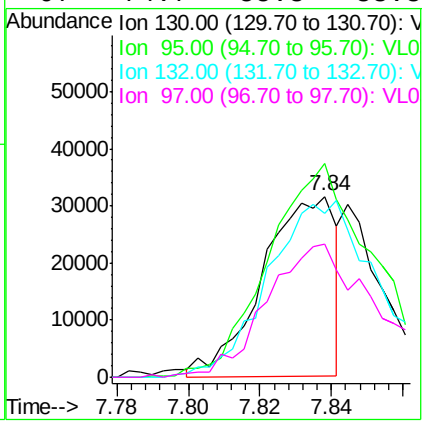


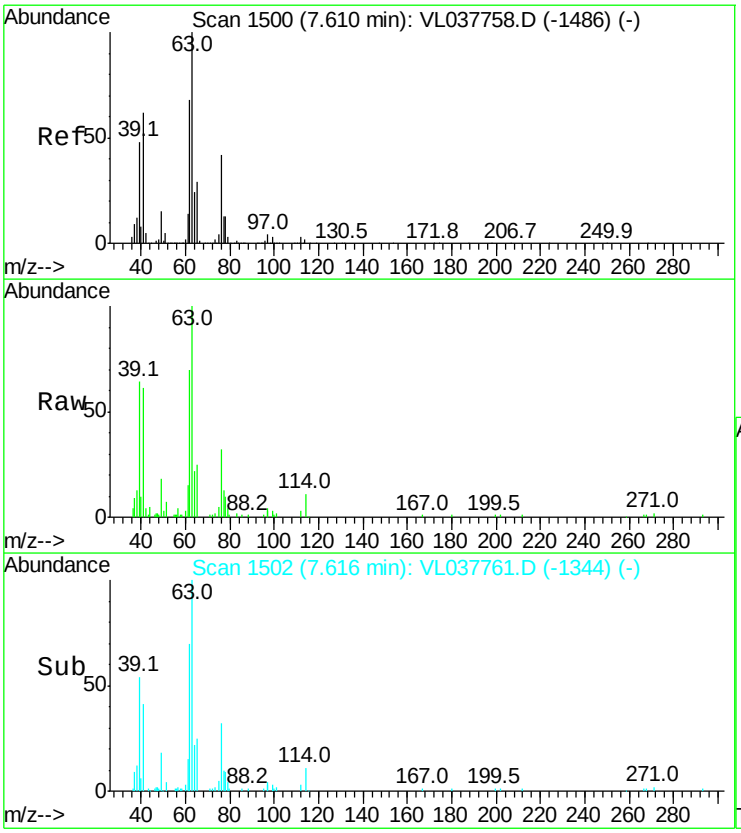
#38
Trichloroethene
Concen: 0.302 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:130 Resp: 44557

Ion	Ratio	Lower	Upper
130	100		
95	121.8	87.4	131.0
132	95.1	76.8	115.2
97	74.7	55.8	83.8

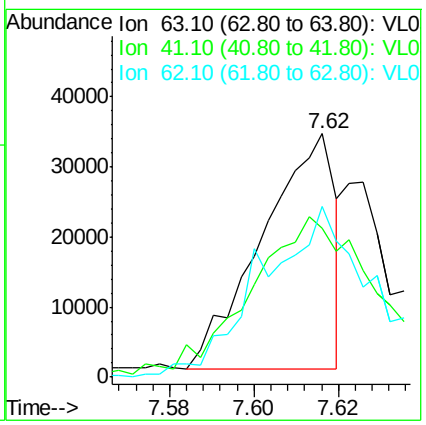


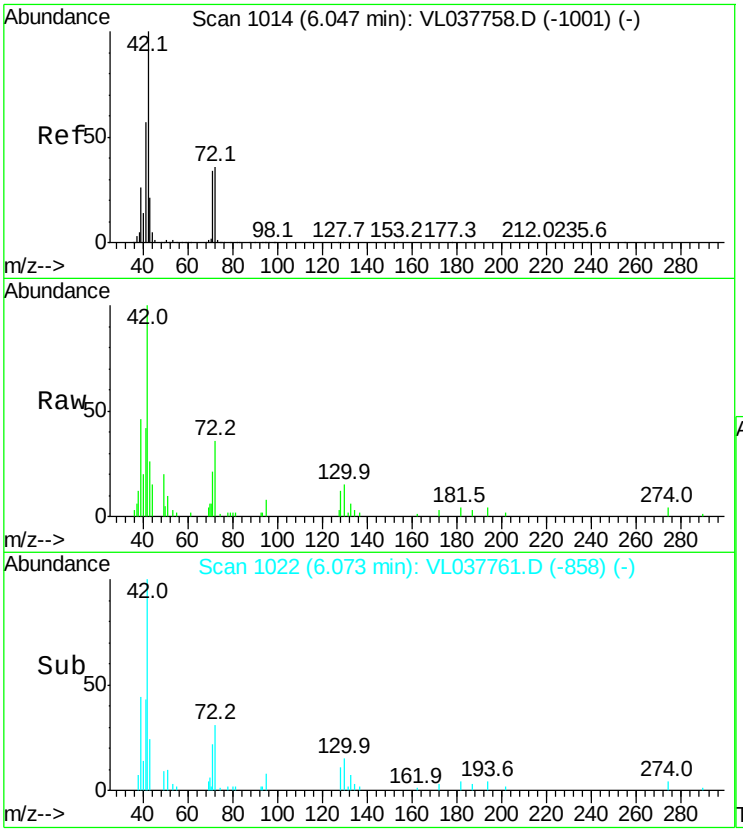


#39
1,2-Dichloropropane
Concen: 0.297 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. 0.01 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 63 Resp: 40231

Ion	Ratio	Lower	Upper
63	100		
41	46.9	49.8	74.6#
62	66.7	54.6	82.0



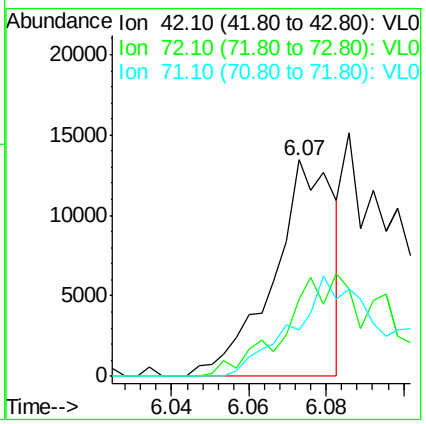


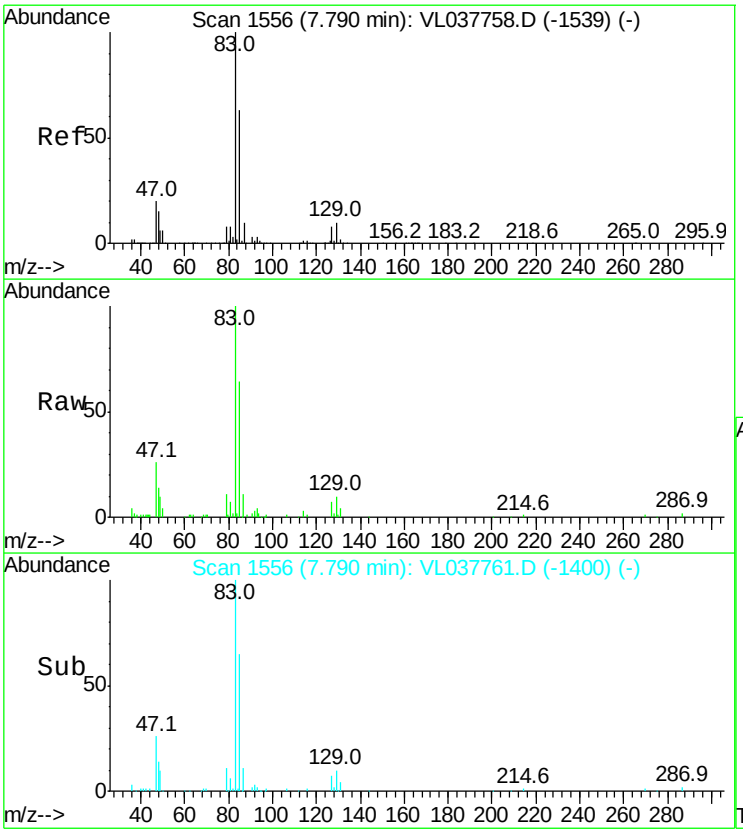
#41
Tetrahydrofuran
Concen: 0.181 ppbv
RT: 6.07
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 14662

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	30.3	45.5#

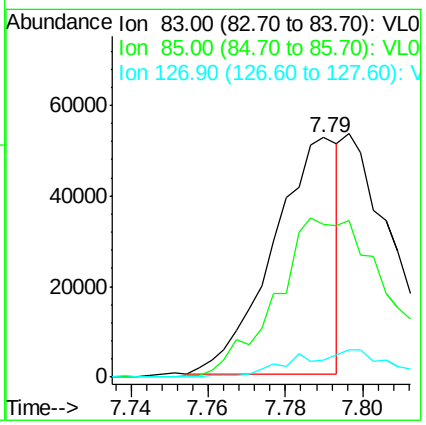


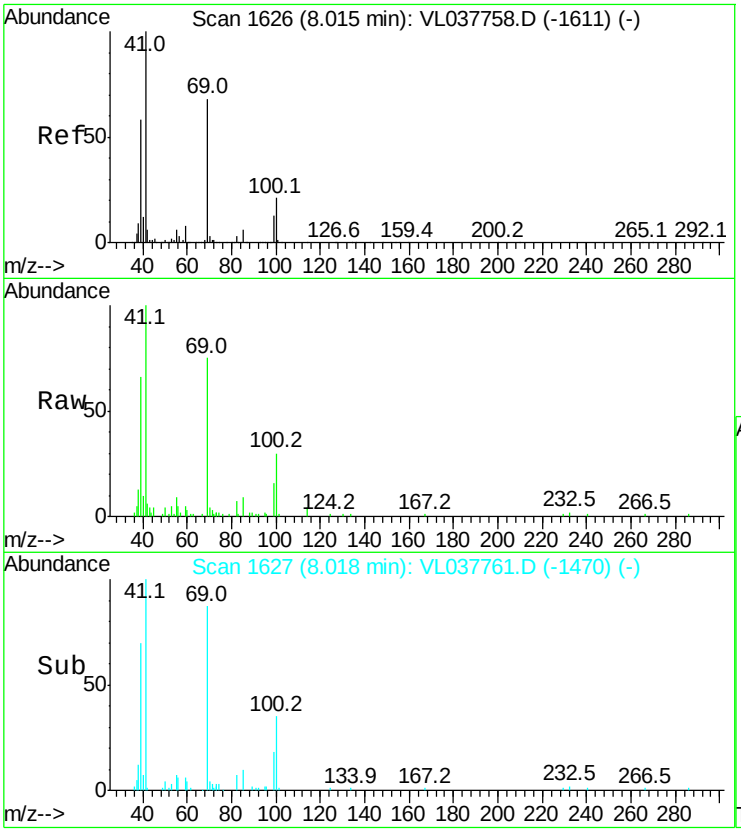


#42
Bromodichloromethane
Concen: 0.246 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 83 Resp: 61348

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8
127	7.0	6.2	9.4



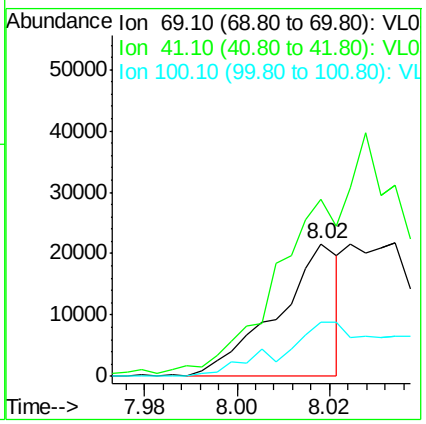


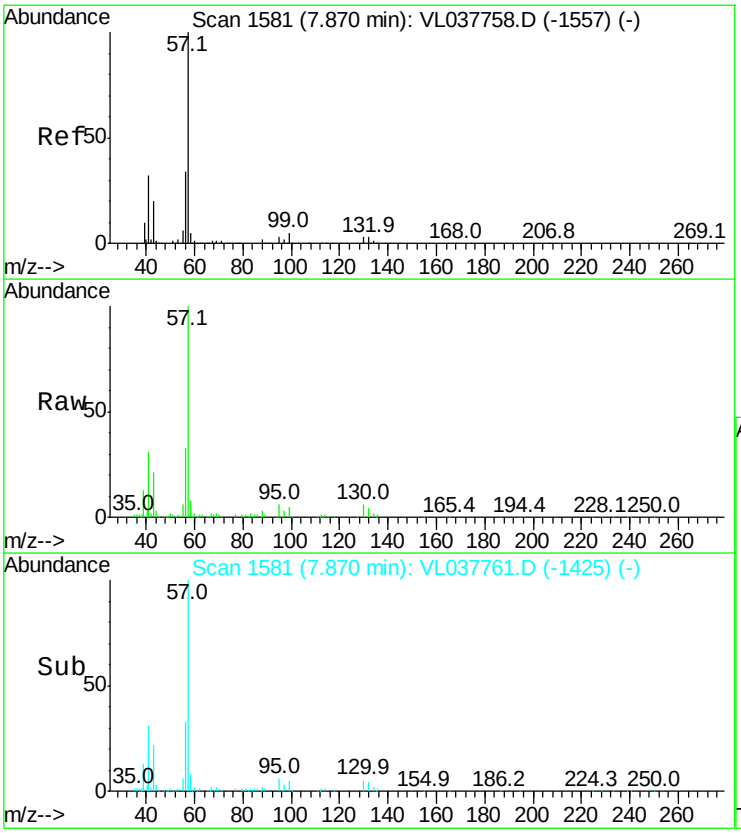
#43
Methyl Methacrylate
Concen: 0.166 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 19475

Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.0	181.4#
100	0.0	27.7	41.5#

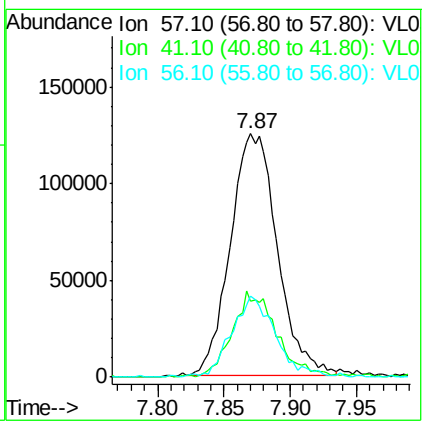


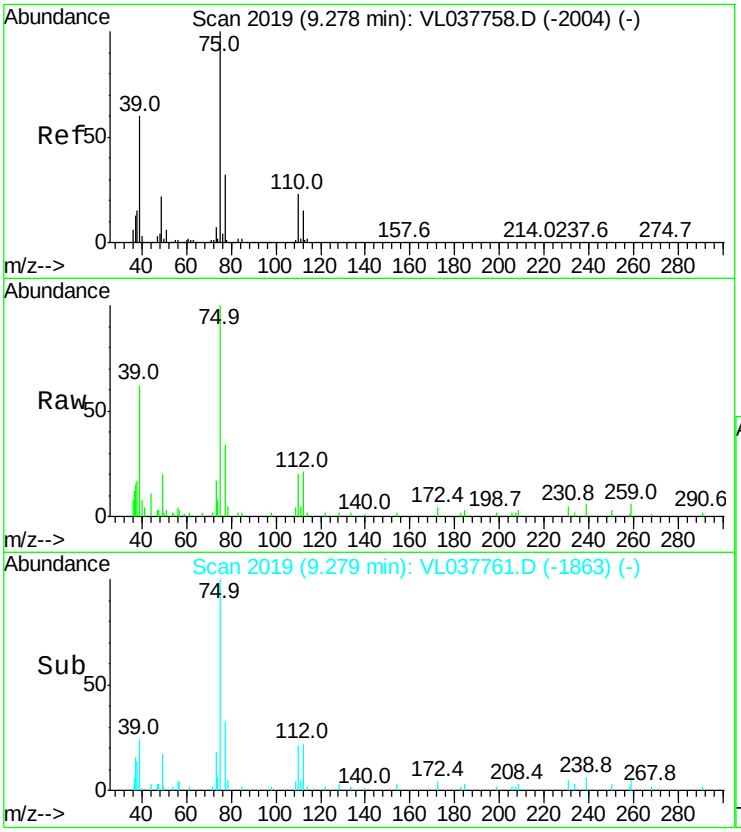


#44
2,2,4-Trimethylpentane
Concen: 0.519 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 57 Resp: 308513

Ion	Ratio	Lower	Upper
57	100		
41	33.5	25.6	38.4
56	32.0	25.5	38.3



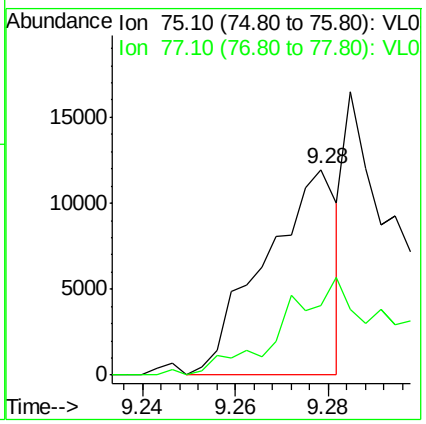


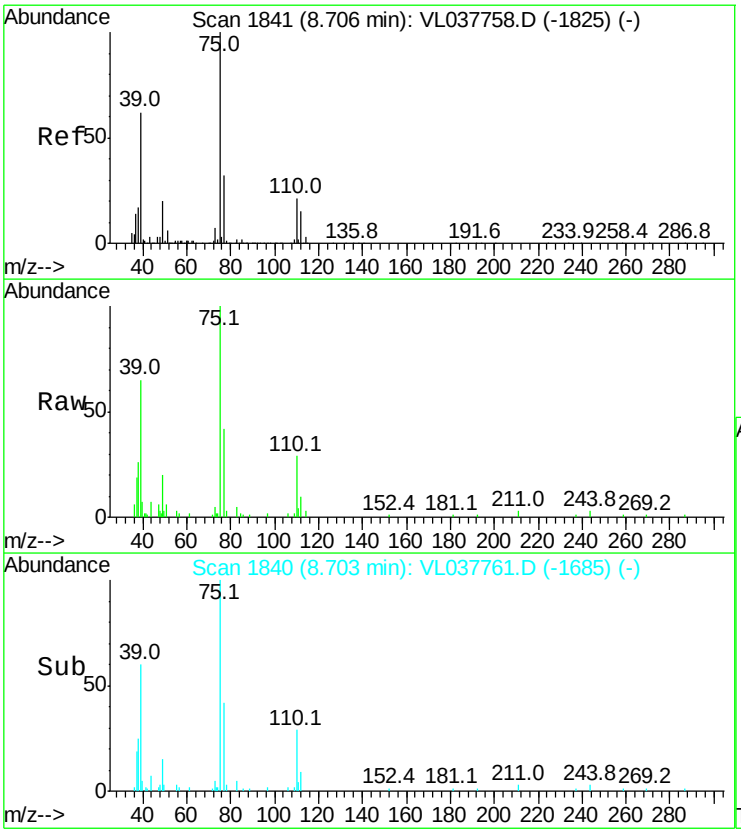
#45
t-1,3-Dichloropropene
Concen: 0.141 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 13009

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.2	37.8

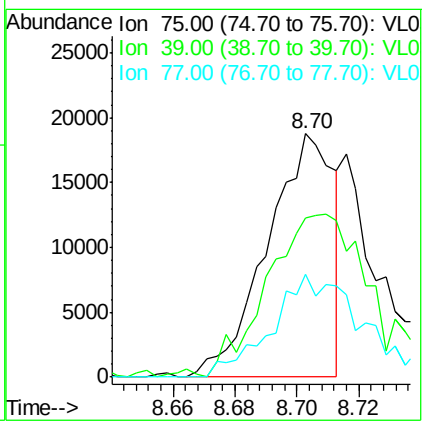


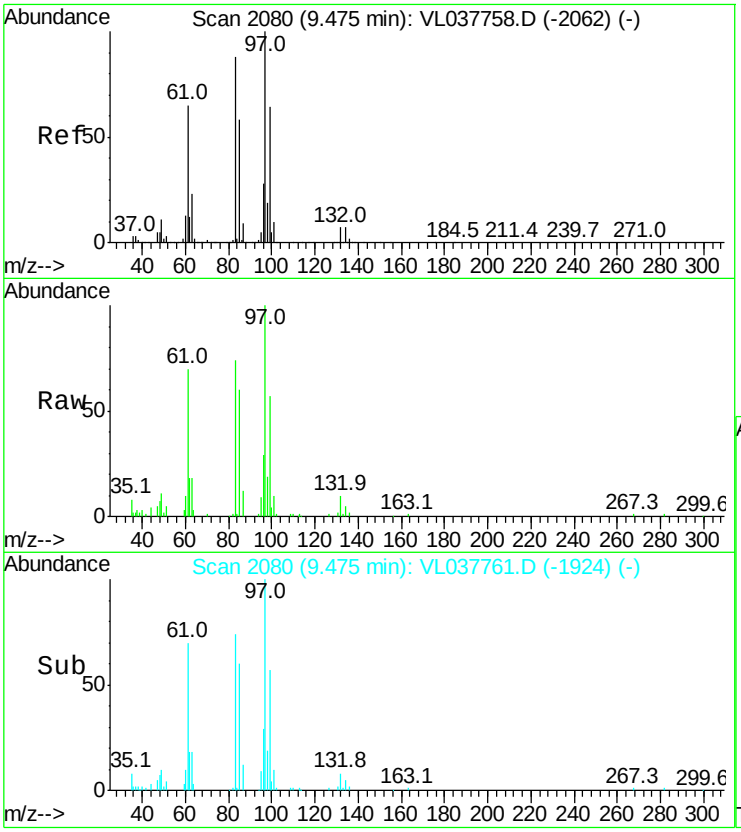


#46
cis-1,3-Dichloropropene
Concen: 0.223 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 75 Resp: 27886

Ion	Ratio	Lower	Upper
75	100		
39	62.3	49.9	74.9
77	42.1	25.9	38.9#



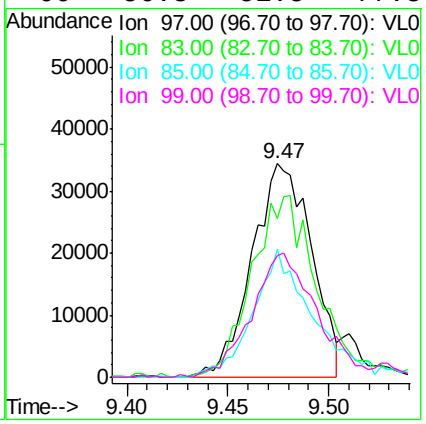


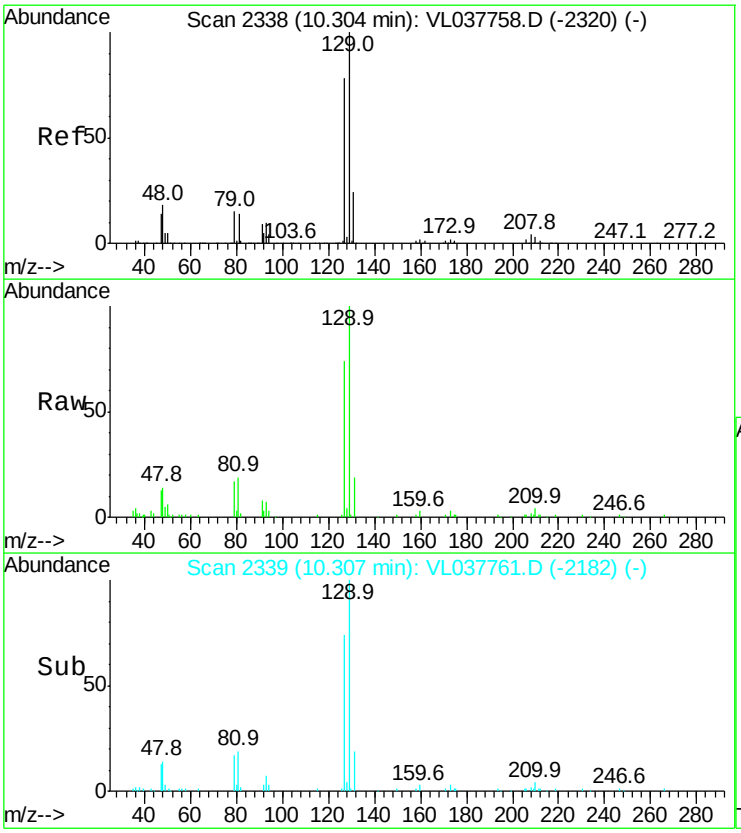
#47
1,1,2-Trichloroethane
Concen: 0.469 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 70283

Ion	Ratio	Lower	Upper
97	100		
83	74.5	70.6	105.8
85	60.0	45.9	68.9
99	56.3	51.5	77.3

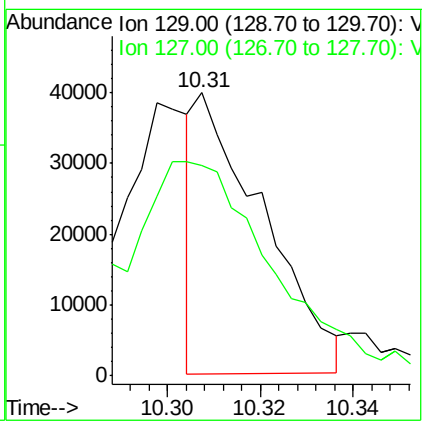


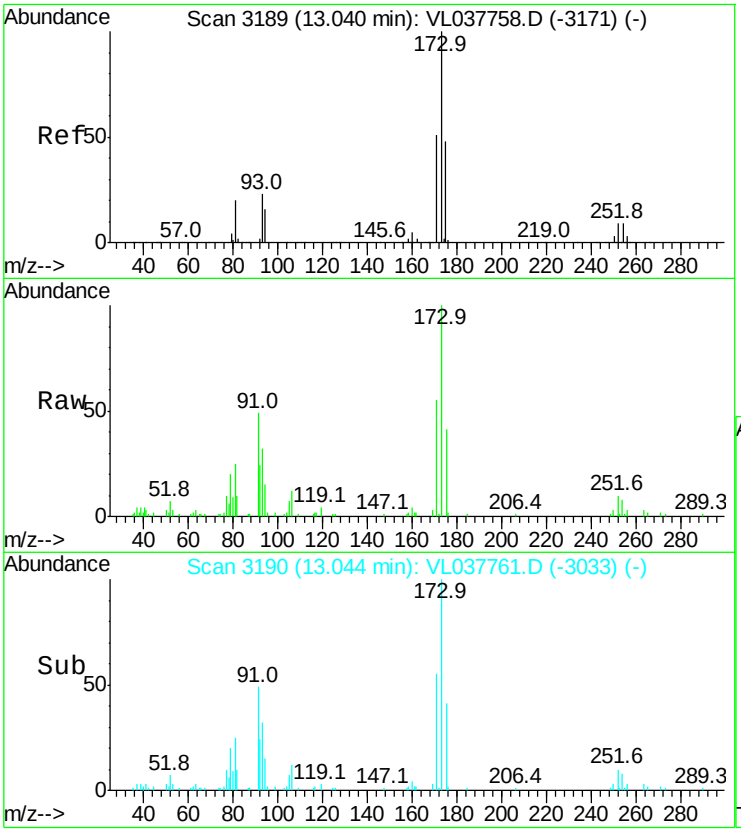


#48
Dibromochloromethane
Concen: 0.192 ppbv
RT: 10.31 min Scan# 2339
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:129 Resp: 40181

Ion	Ratio	Lower	Upper
129	100		
127	178.6	39.5	118.5#



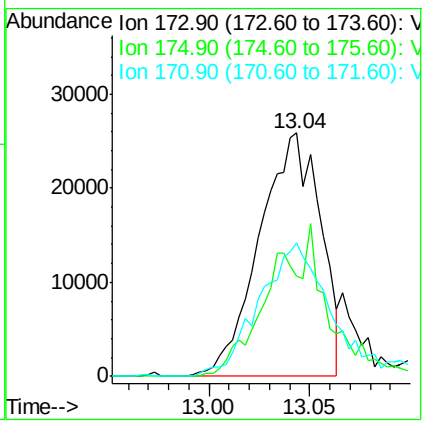


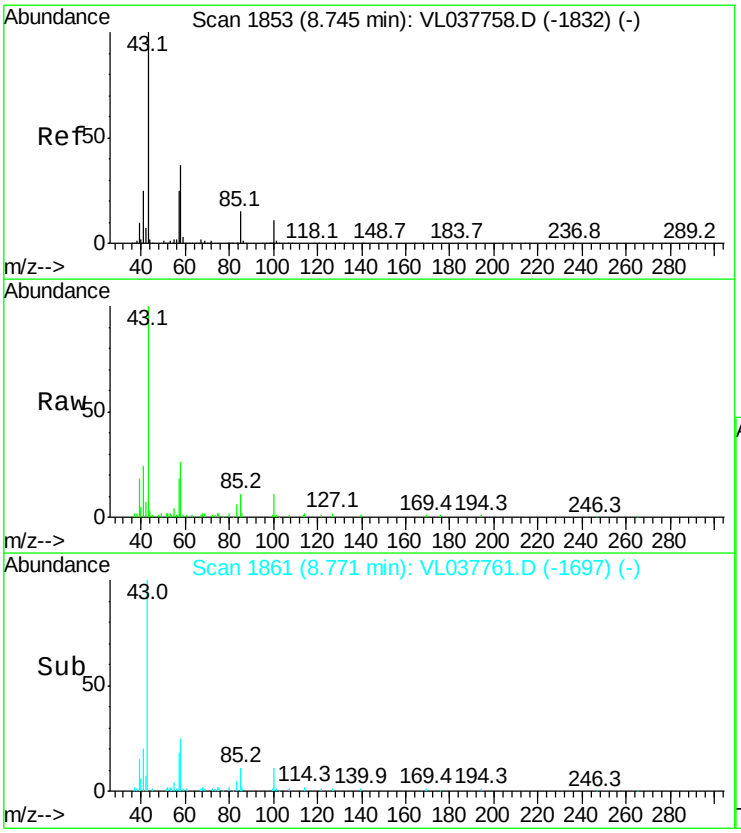
#49
Bromoform
Concen: 0.323 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 53970

Ion	Ratio	Lower	Upper
173	100		
175	62.3	39.9	59.9#
171	66.2	43.4	65.2#

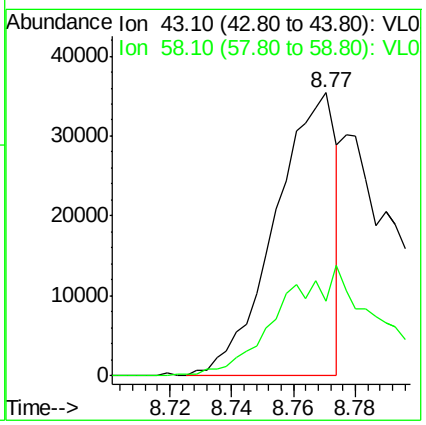


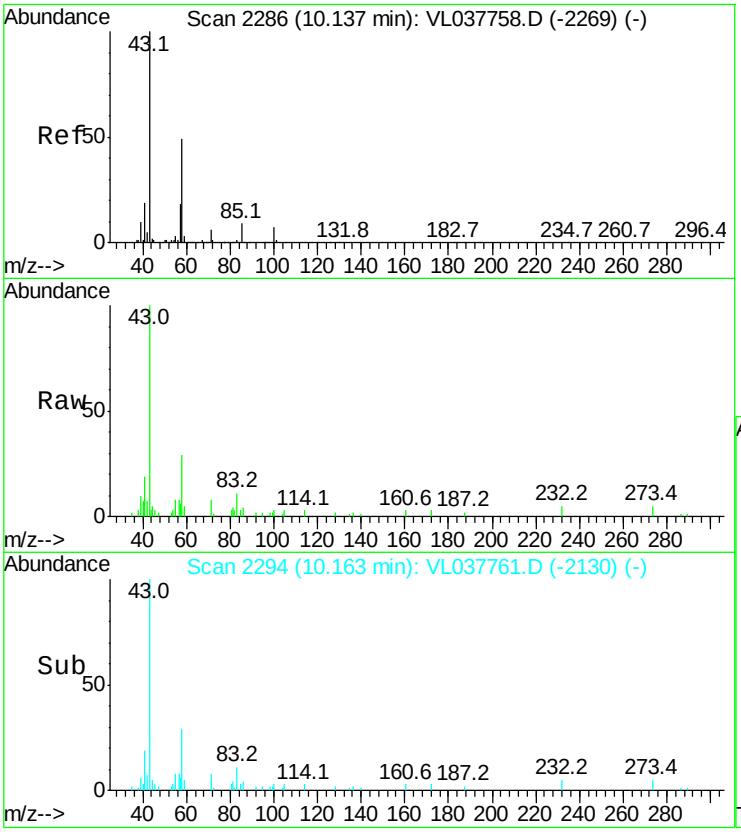


#50
4-Methyl-2-Pentanone
Concen: 0.220 ppbv
RT: 8.77 min Scan# 1861
Delta R.T. 0.03 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 43 Resp: 48182

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.0#



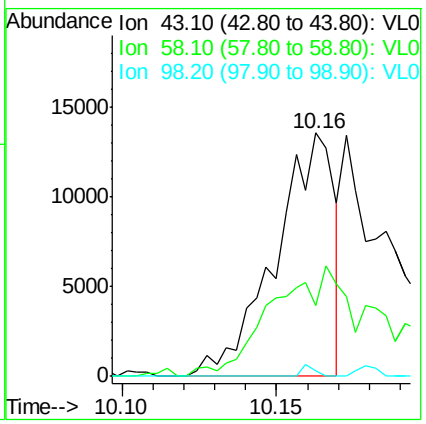


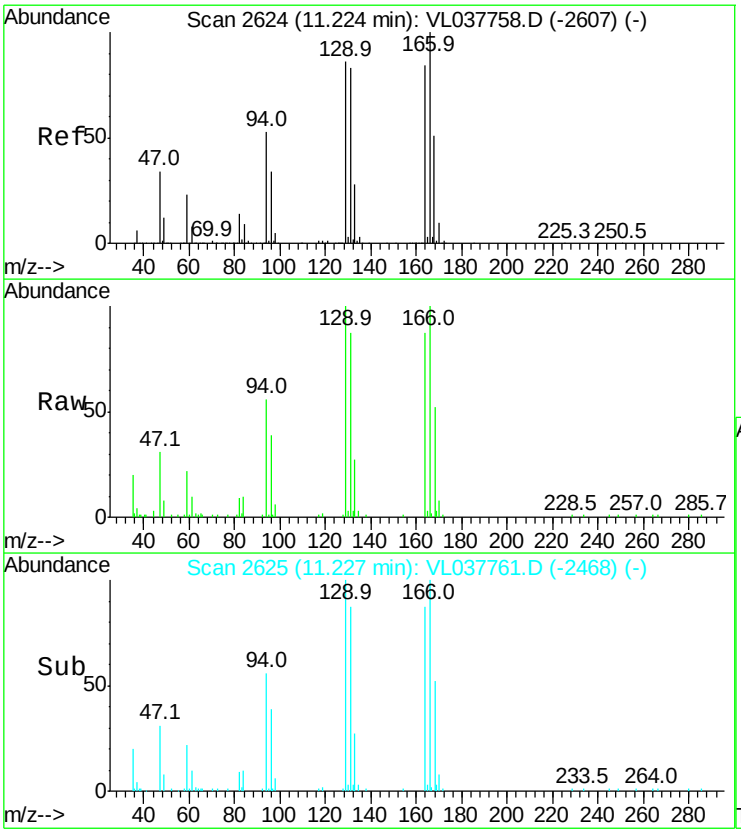
#51
2-Hexanone
Concen: 0.185 ppbv
RT: 10.16
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 17878

Ion	Ratio	Lower	Upper
43	100		
58	89.2	39.4	59.0#
98	2.5	0.3	0.5#

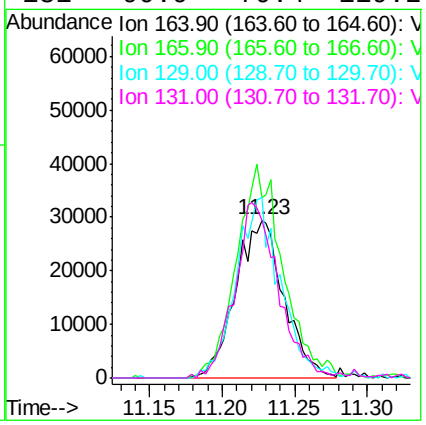


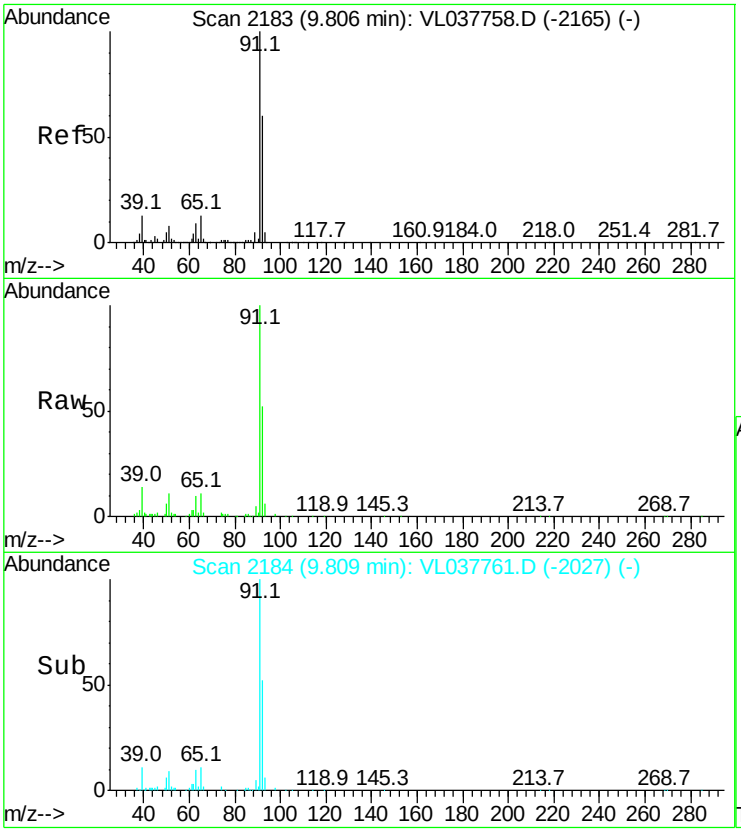


#52
Tetrachloroethene
Concen: 0.501 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:164 Resp: 67978

Ion	Ratio	Lower	Upper
164	100		
166	114.2	95.4	143.2
129	114.7	82.2	123.4
131	99.9	79.4	119.2



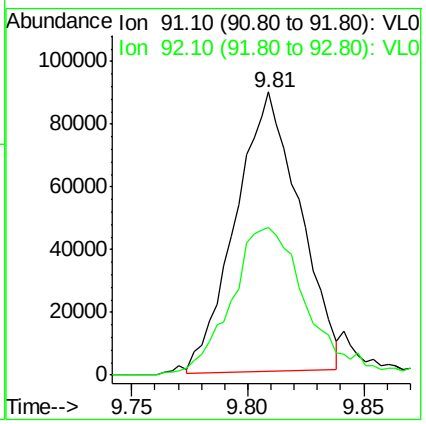


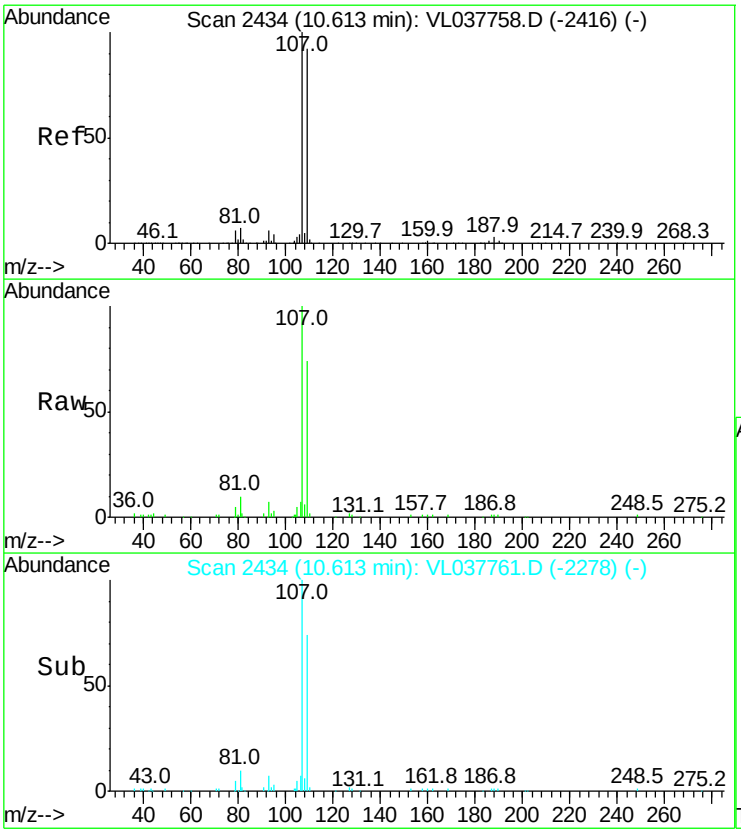
#53
Toluene
Concen: 0.439 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 172575

Ion	Ratio	Lower	Upper
91	100		
92	61.5	48.4	72.6

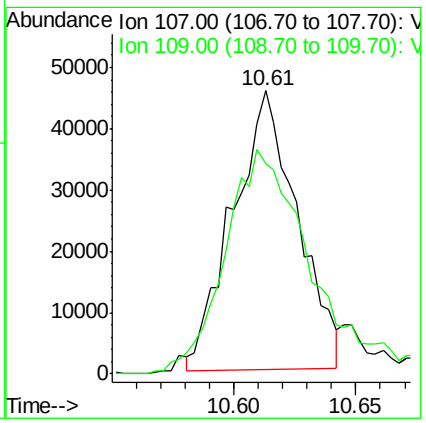


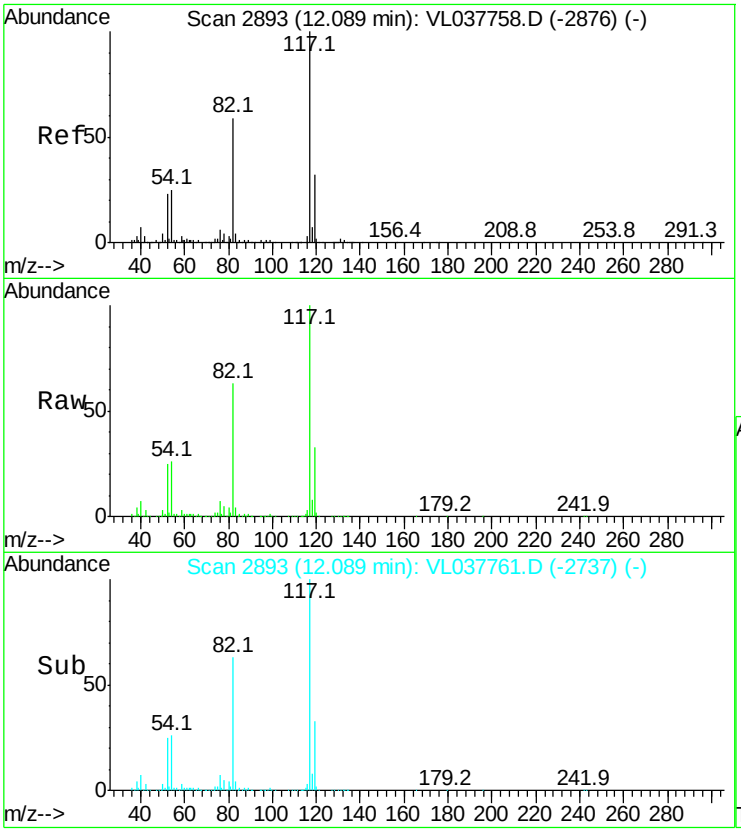


#54
1,2-Dibromoethane
Concen: 0.406 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:107 Resp: 83317

Ion	Ratio	Lower	Upper
107	100		
109	70.9	73.8	110.6#



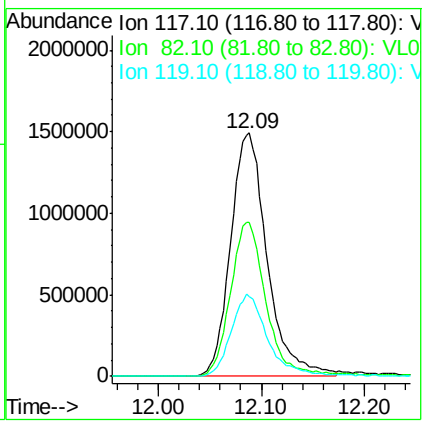


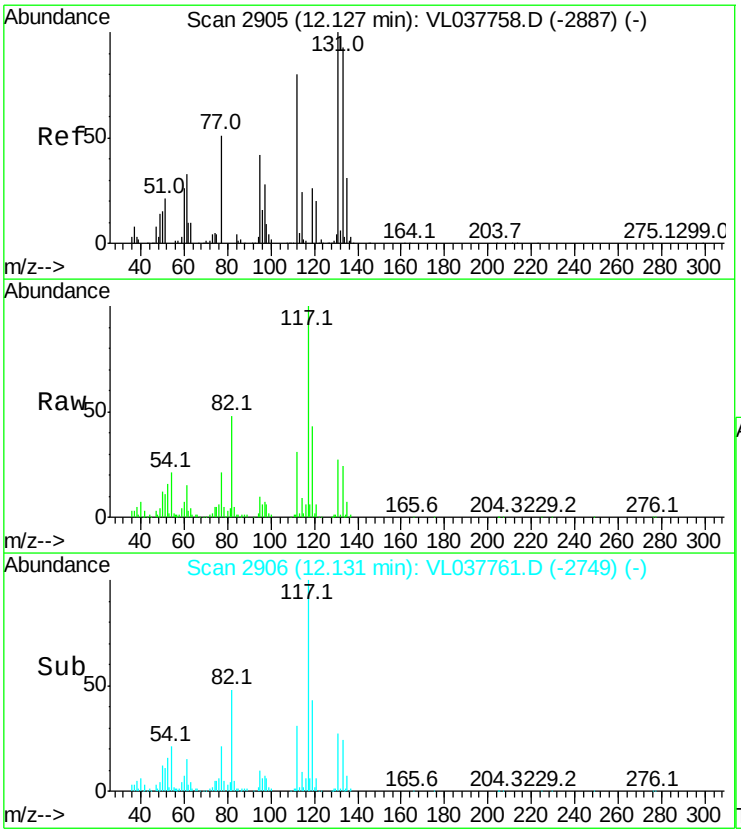
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 3681403

Ion	Ratio	Lower	Upper
117	100		
82	62.3	52.2	78.2
119	34.1	26.0	39.0

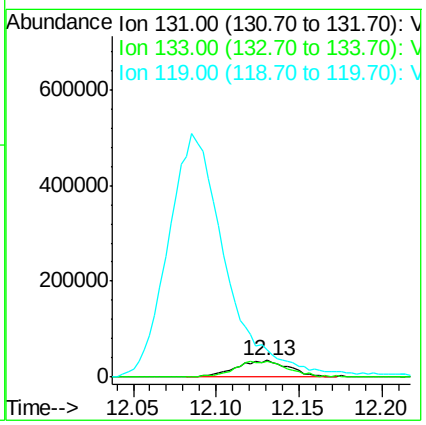


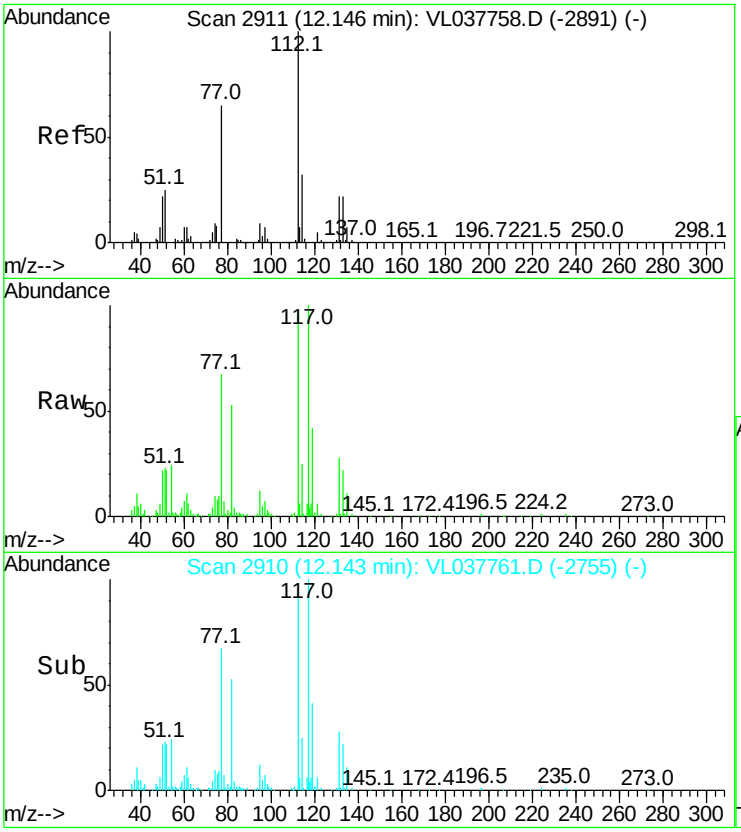


#56
1,1,1,2-Tetrachloroethane
Concen: 0.516 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:131 Resp: 78738

Ion	Ratio	Lower	Upper
131	100		
133	98.8	78.5	117.7
119	1595.5	51.7	77.5#



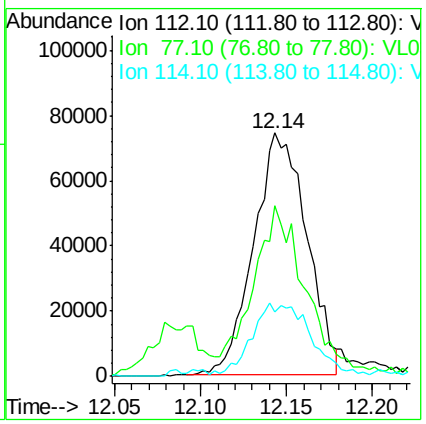


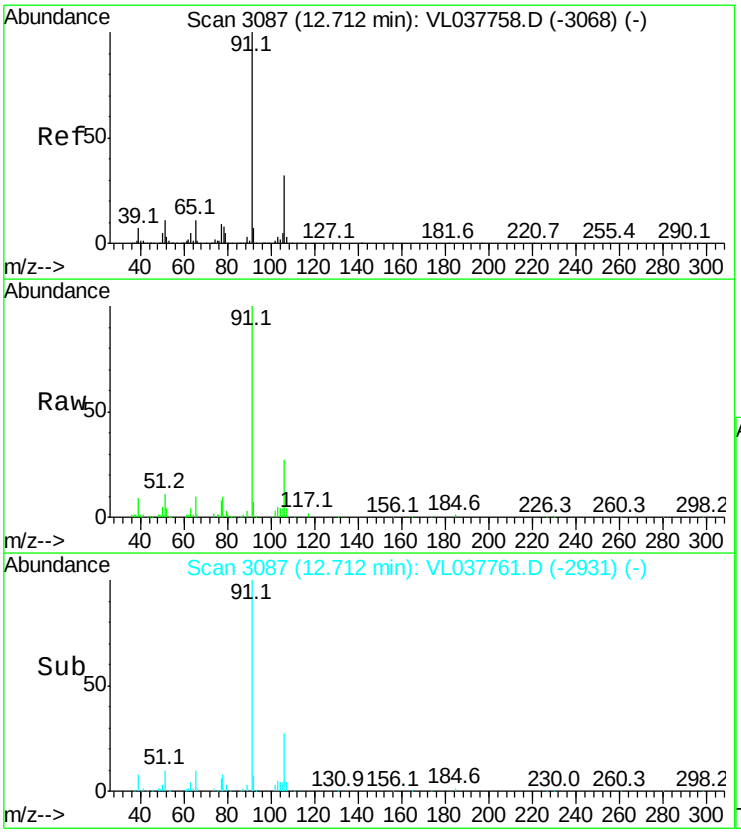
#57
Chlorobenzene
Concen: 0.522 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 159615

Ion	Ratio	Lower	Upper
112	100		
77	61.1	51.8	77.8
114	26.8	28.8	35.2#

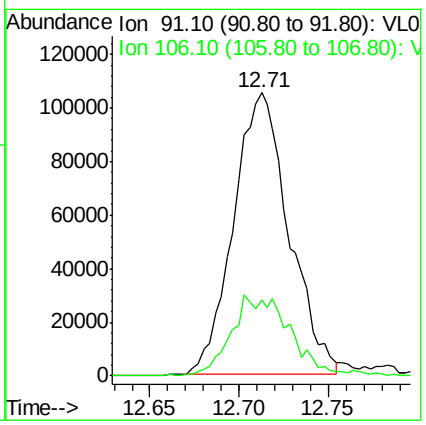


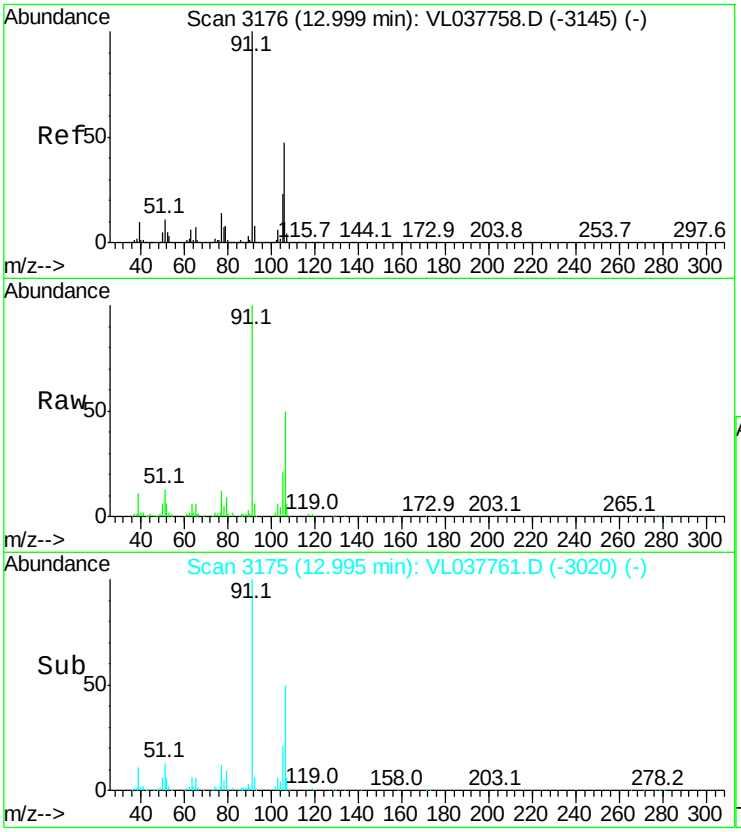


#58
Ethyl Benzene
Concen: 0.465 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 91 Resp: 227013

Ion	Ratio	Lower	Upper
91	100		
106	26.5	25.3	37.9



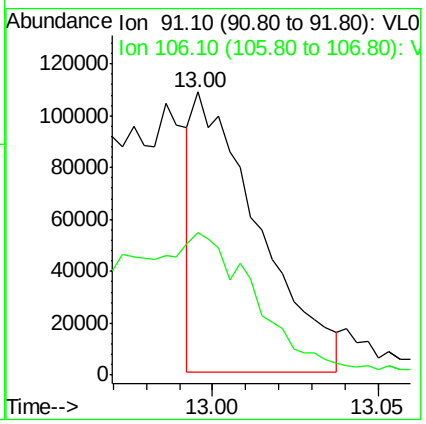


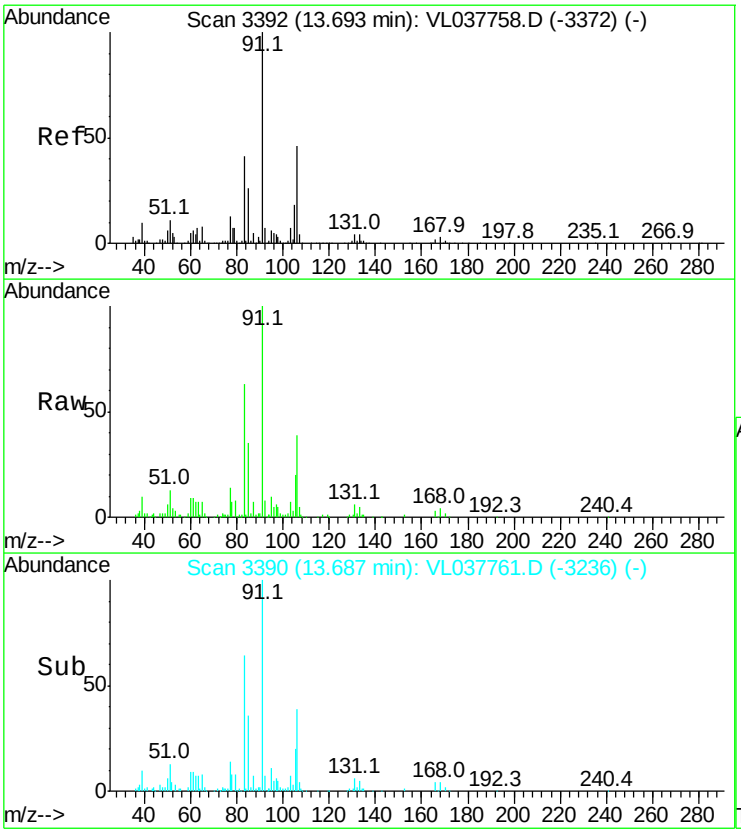
#59
m/p-Xylene
Concen: 0.345 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 147090

Ion	Ratio	Lower	Upper
91	100		
106	132.6	36.7	55.1#

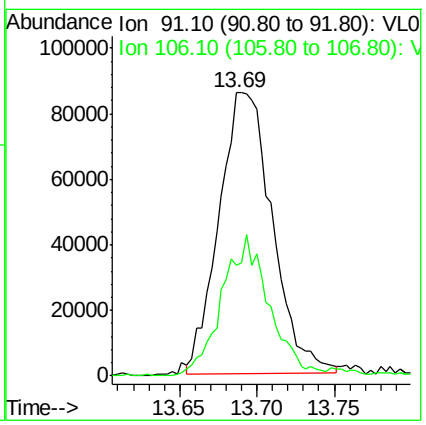


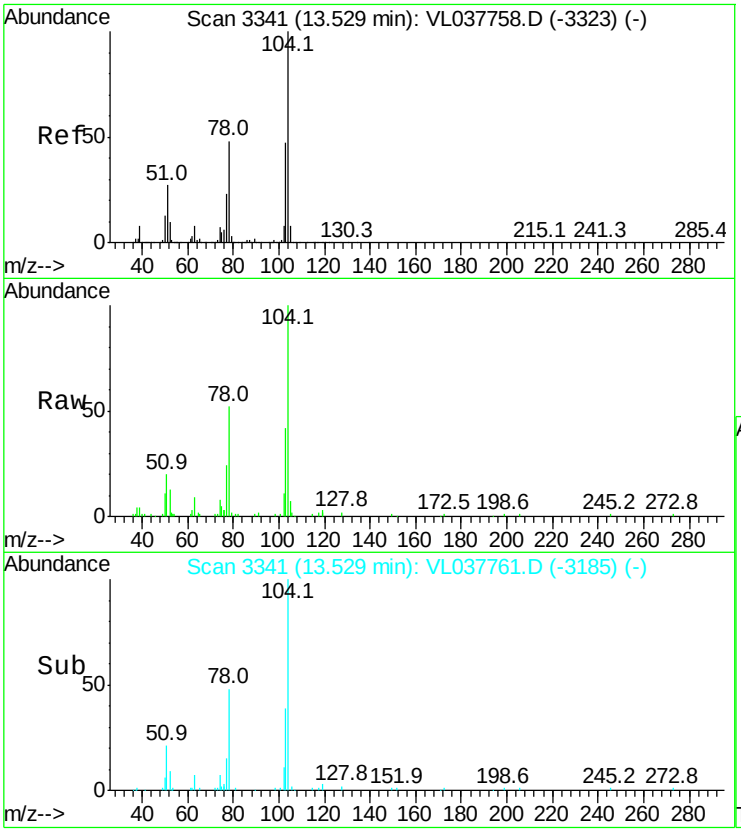


#60
o-Xylene
Concen: 0.509 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 91 Resp: 206357

Ion	Ratio	Lower	Upper
91	100		
106	46.0	23.5	70.5



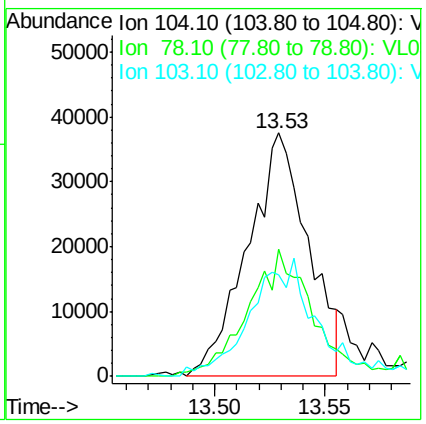


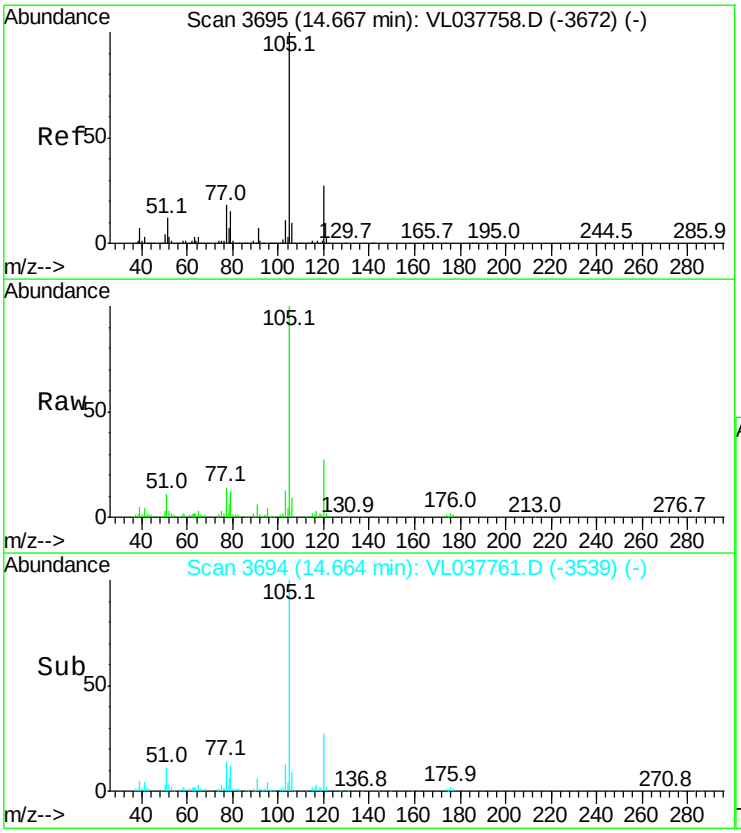
#61
Styrene
Concen: 0.358 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 71531

Ion	Ratio	Lower	Upper
104	100		
78	57.1	40.6	61.0
103	52.2	39.6	59.4

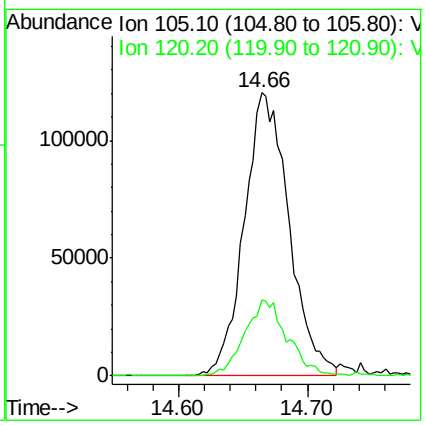


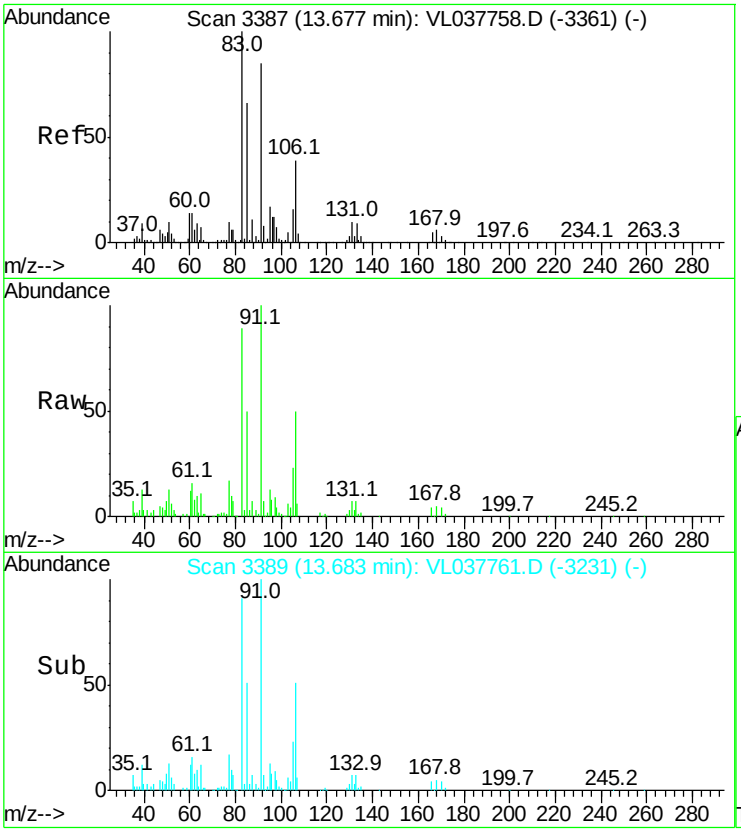


#62
Isopropylbenzene
Concen: 0.513 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:105 Resp: 290749

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.3	31.9



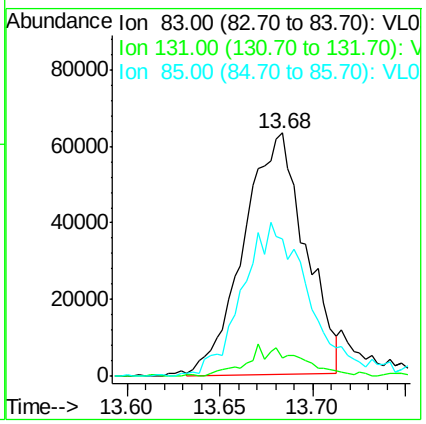


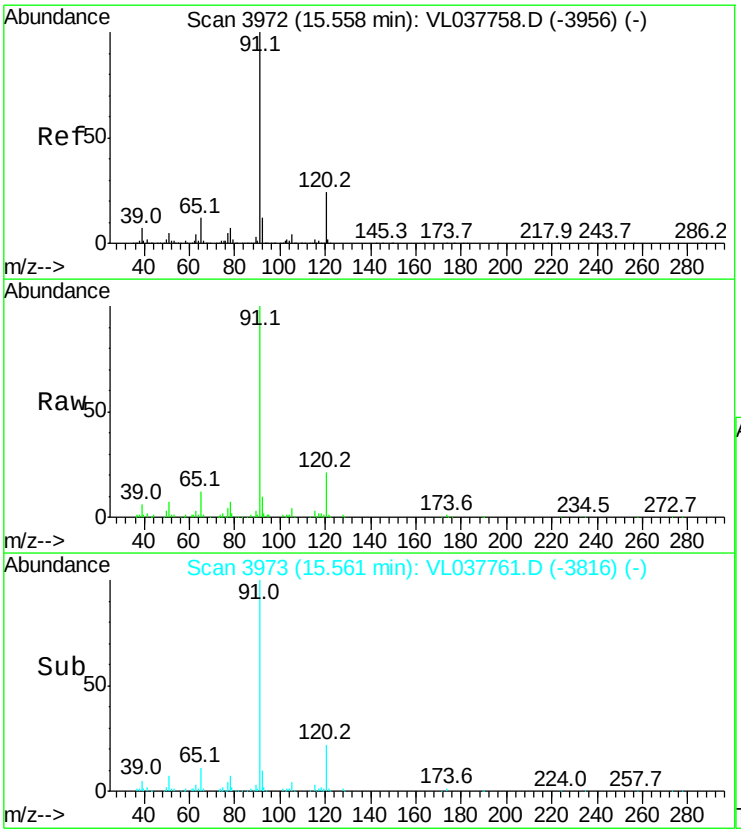
#63
1,1,2,2-Tetrachloroethane
Concen: 0.460 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 145860

Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.0	15.0
85	72.2	33.1	99.5

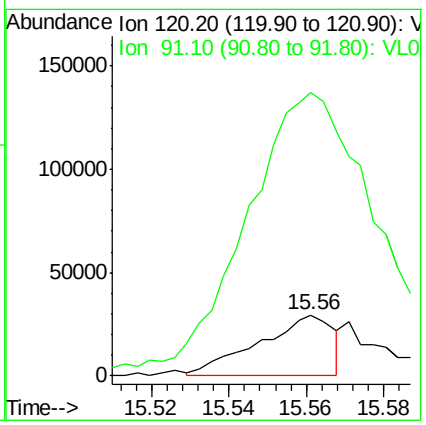


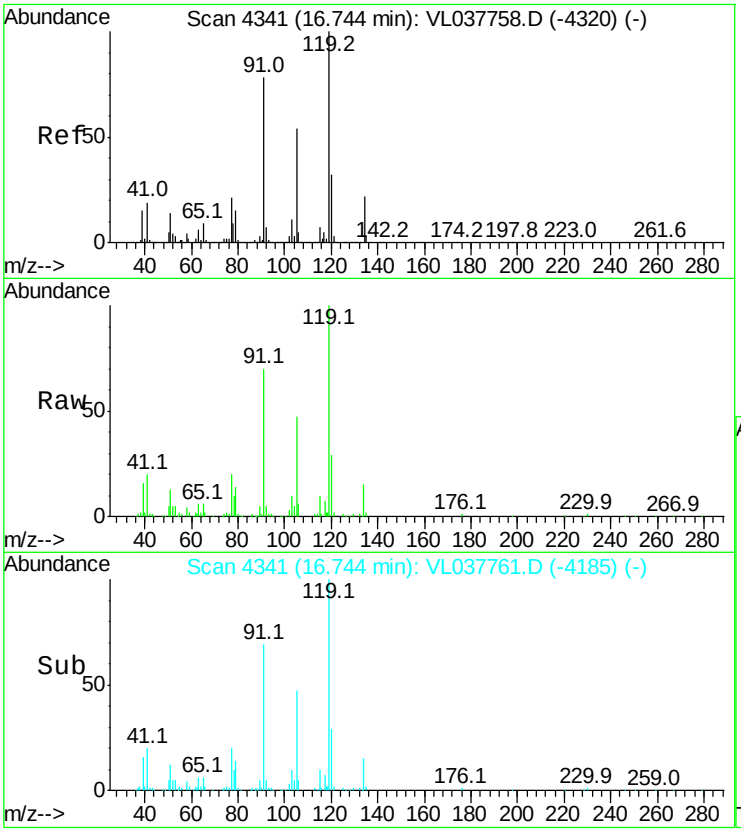


#64
n-propylbenzene
Concen: 0.270 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:120 Resp: 39453

Ion	Ratio	Lower	Upper
120	100		
91	871.6	375.0	562.6#



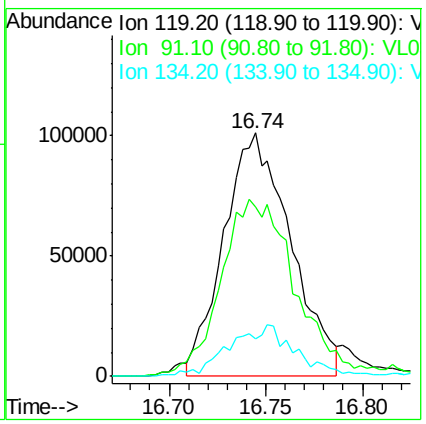


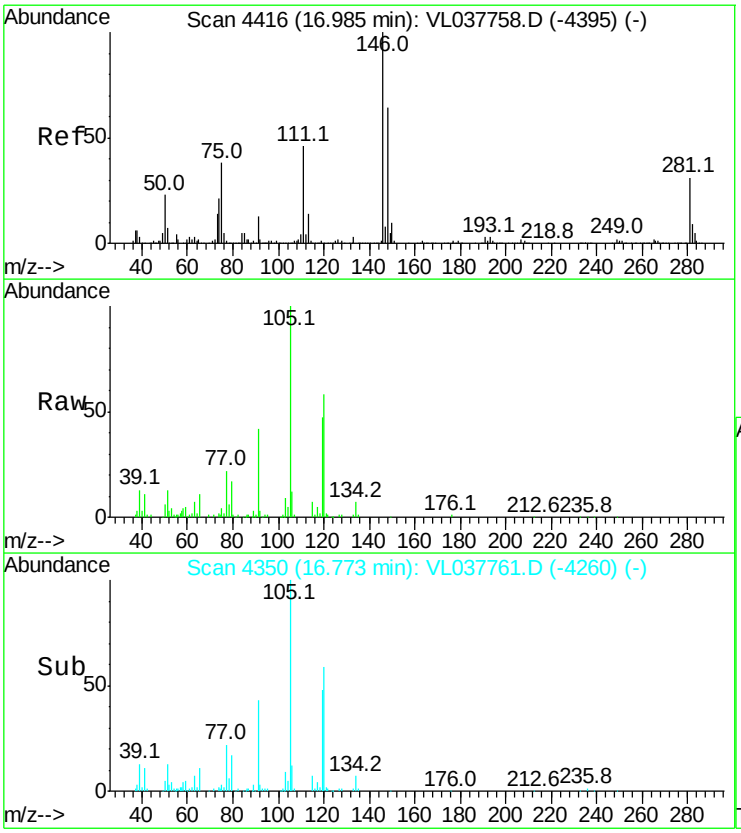
#65
tert-Butylbenzene
Concen: 0.473 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 241669

Ion	Ratio	Lower	Upper
119	100		
91	83.2	62.6	94.0
134	21.2	16.3	24.5

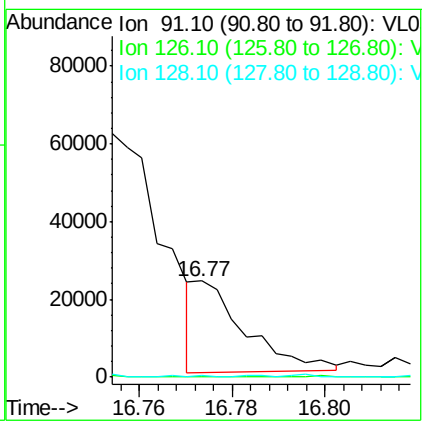


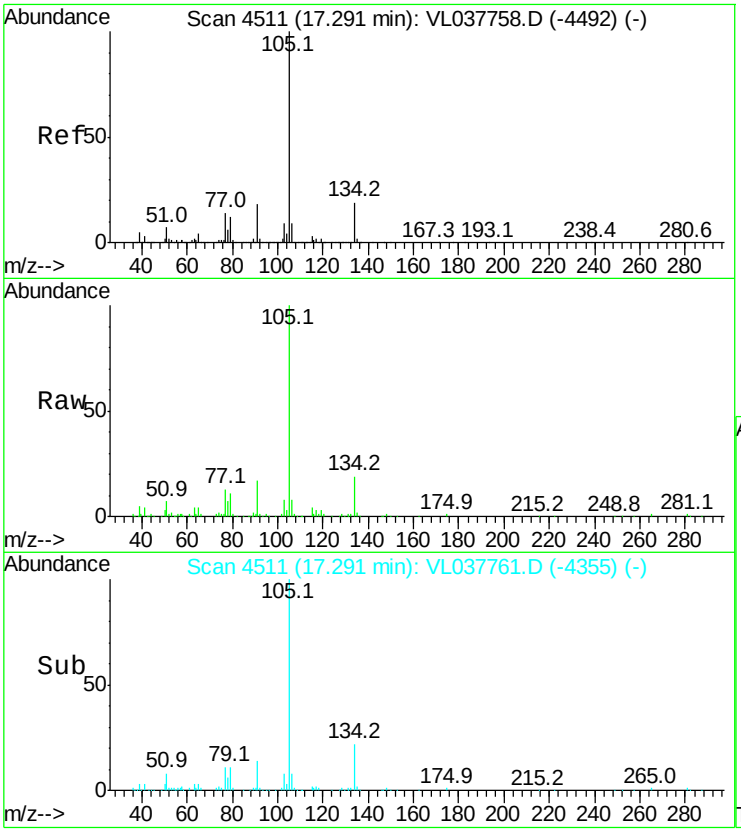


#66
Benzyl Chloride
Concen: 0.633 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.21 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 91 Resp: 17658

Ion	Ratio	Lower	Upper
91	100		
126	0.0	0.0	0.0
128	3.5	5.3	7.9#



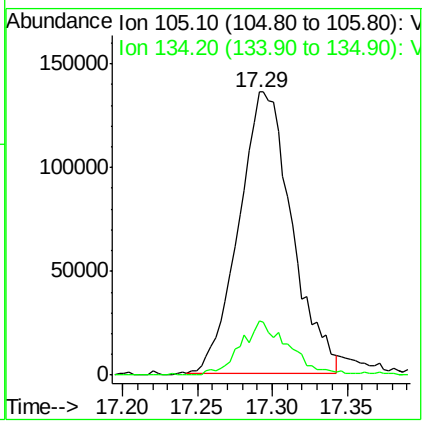


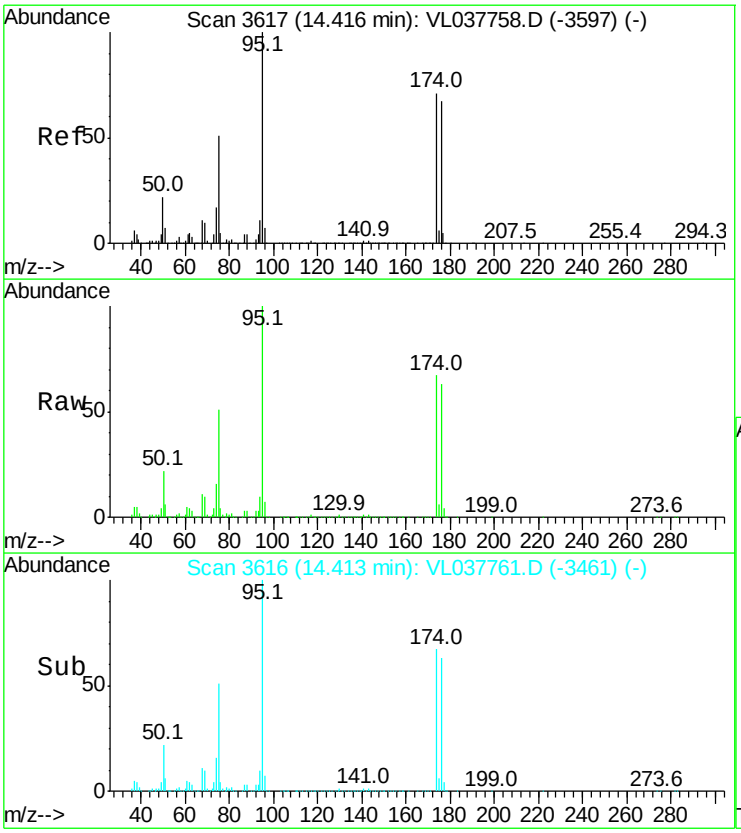
#67
sec-Butylbenzene
Concen: 0.483 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 334287

Ion	Ratio	Lower	Upper
105	100		
134	17.7	15.4	23.0

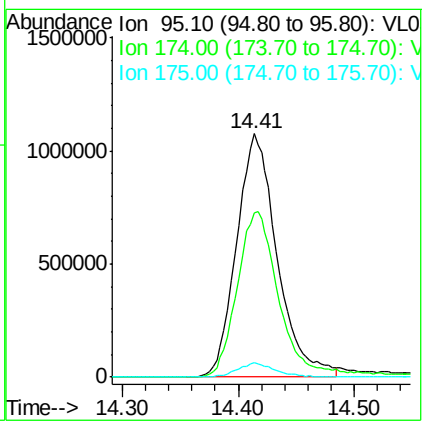


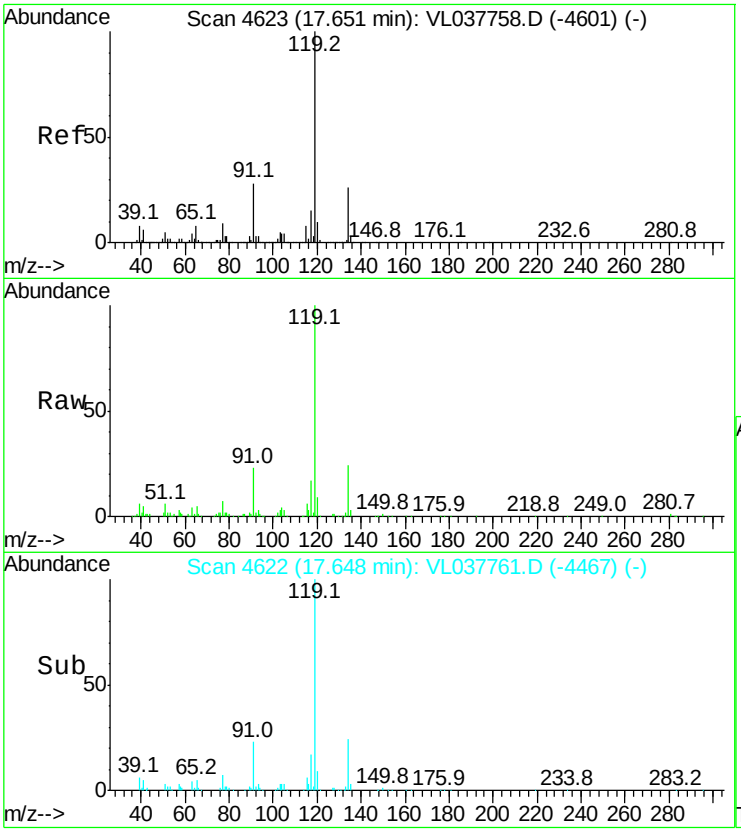


#68
1-Bromo-4-Fluorobenzene
Concen: 9.827 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 95 Resp: 2614402

Ion	Ratio	Lower	Upper
95	100		
174	72.9	57.8	86.6
175	5.4	4.7	7.1



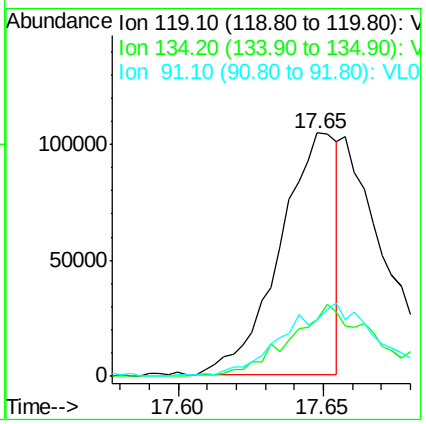


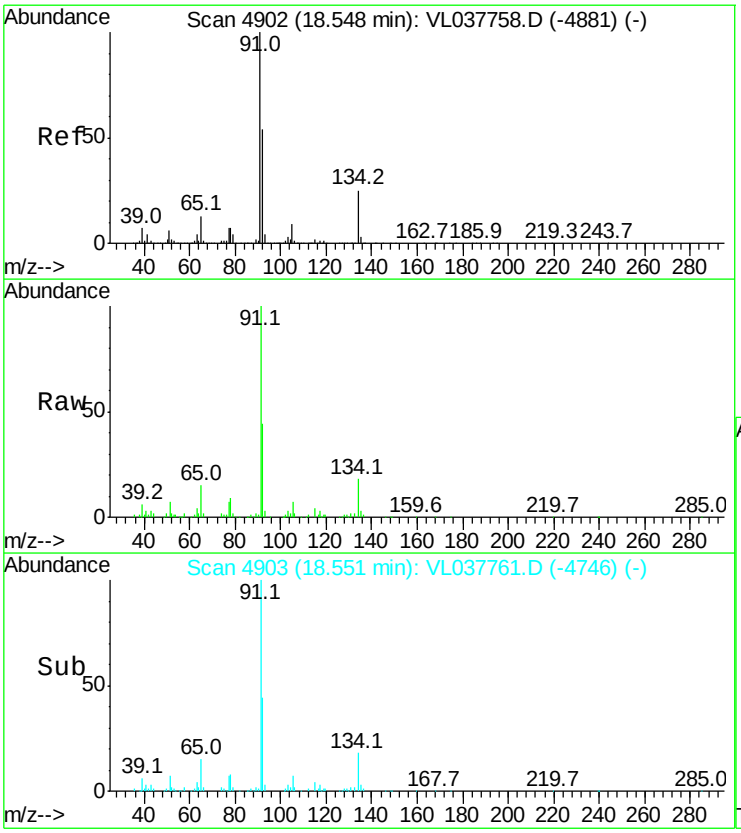
#69
p-Isopropyltoluene
Concen: 0.252 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 142660

Ion	Ratio	Lower	Upper
119	100		
134	47.8	21.2	31.8#
91	0.0	22.2	33.4#

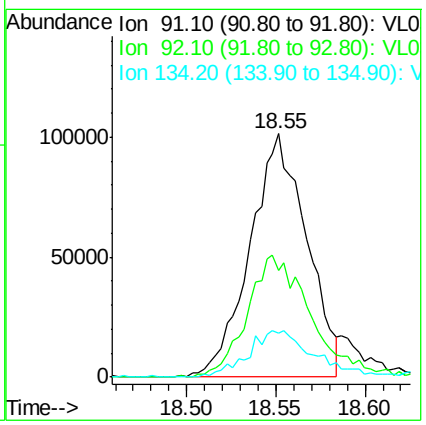


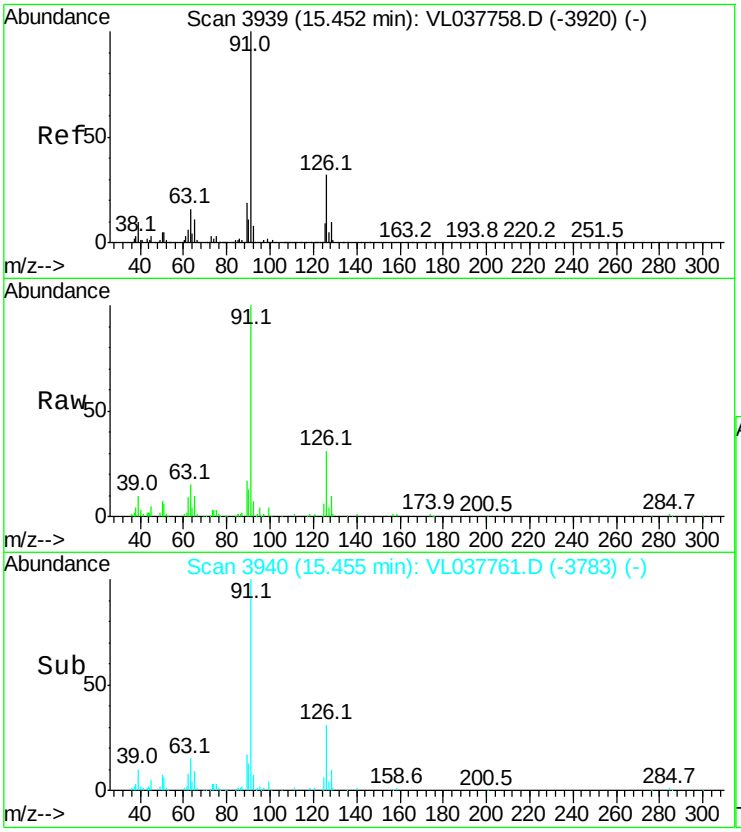


#70
n-Butylbenzene
Concen: 0.420 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion: 91 Resp: 224867

Ion	Ratio	Lower	Upper
91	100		
92	57.0	43.4	65.0
134	22.3	19.8	29.6



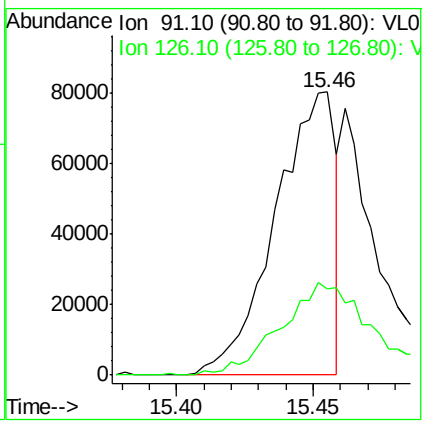


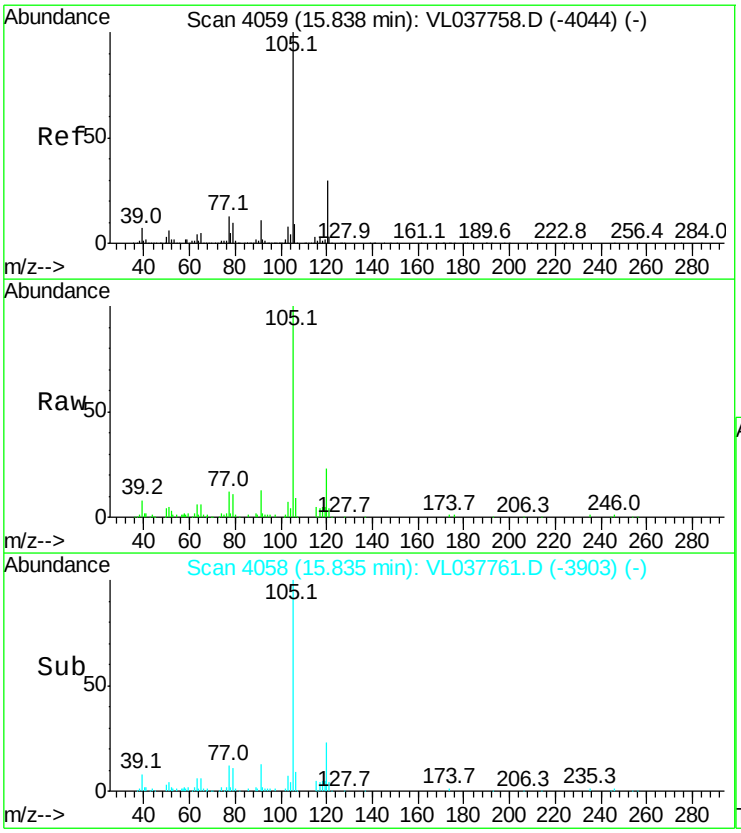
#71
2-Chlorotoluene
Concen: 0.303 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 122820

Ion	Ratio	Lower	Upper
91	100		
126	51.5	13.6	54.6

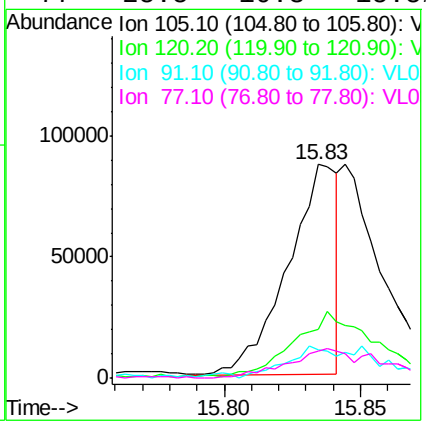


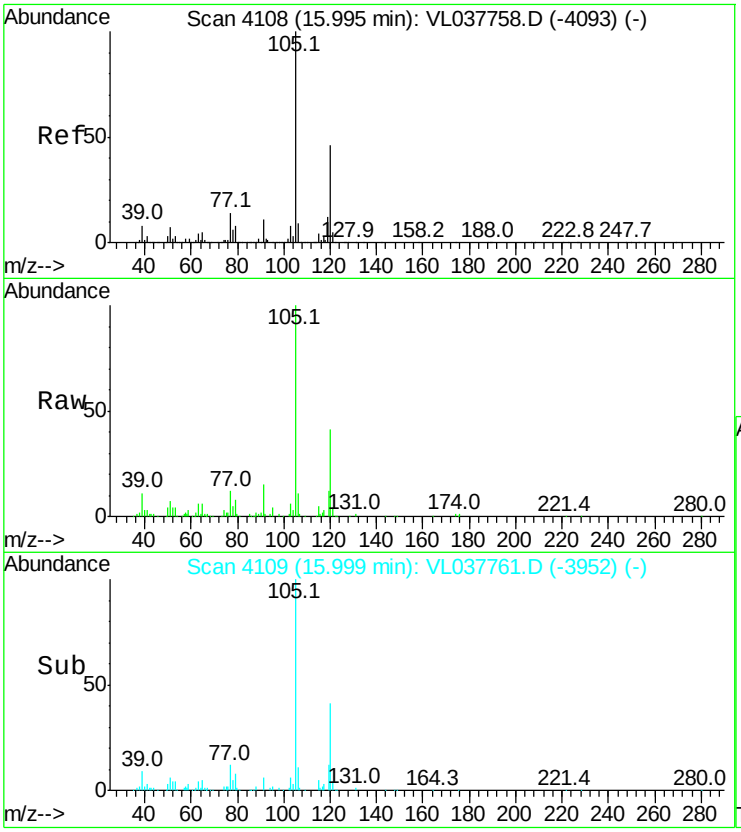


#72
4-Ethyltoluene
Concen: 0.236 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:105 Resp: 109809

Ion	Ratio	Lower	Upper
105	100		
120	56.4	24.2	36.2#
91	0.0	10.4	15.6#
77	25.5	10.3	15.5#



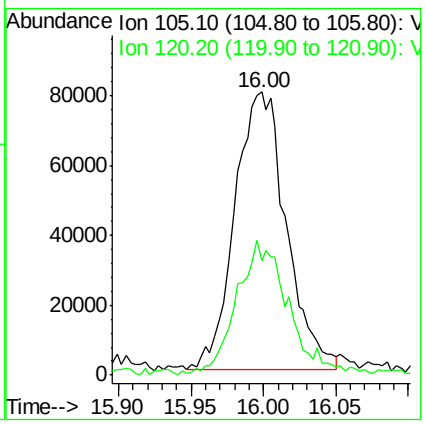


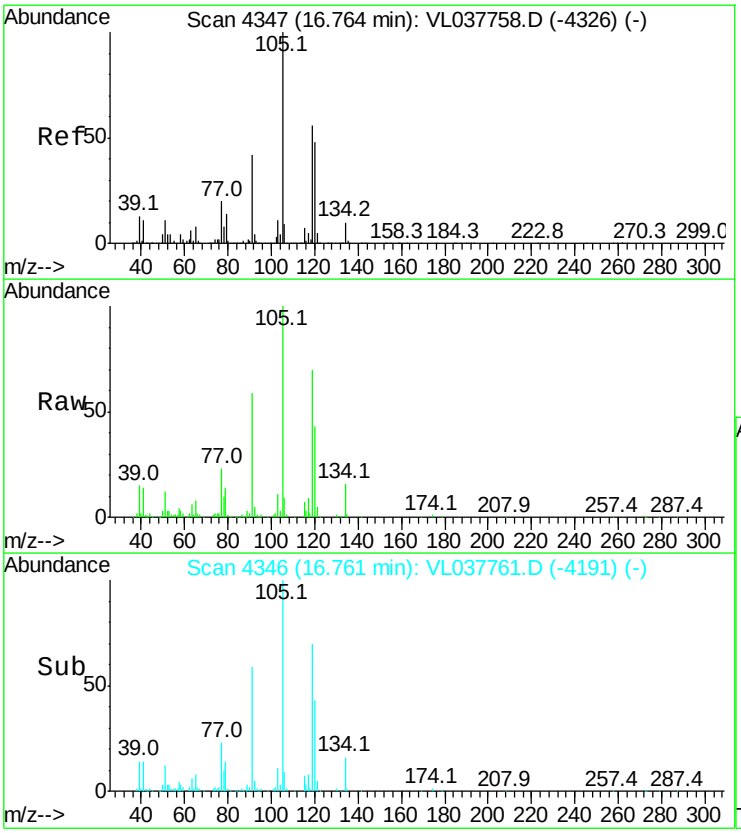
#73
1,3,5-Trimethylbenzene
Concen: 0.454 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 197036

Ion	Ratio	Lower	Upper
105	100		
120	40.4	36.6	54.8

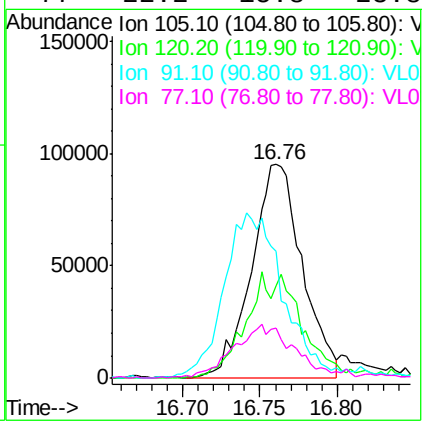


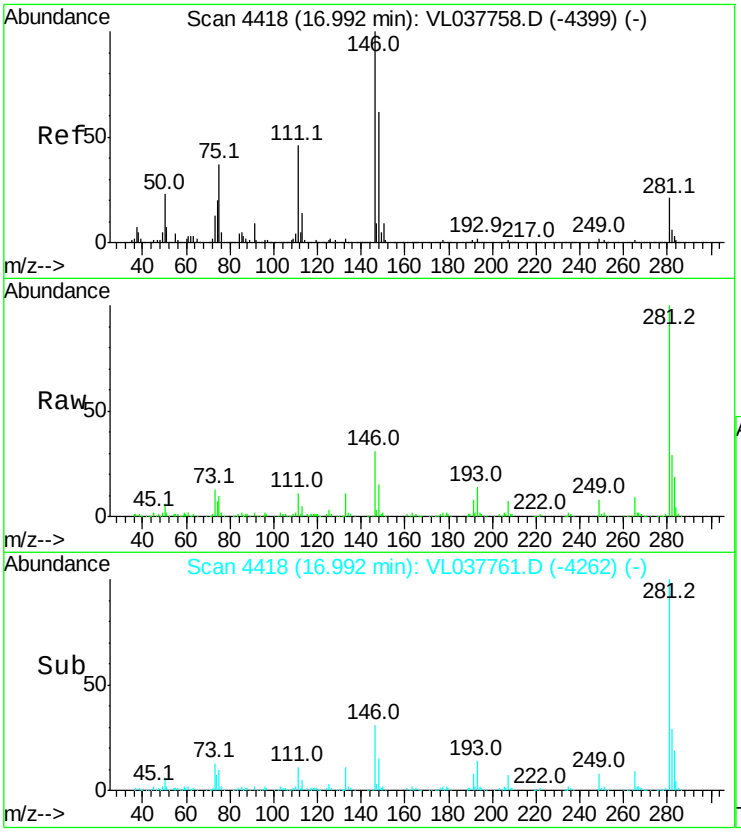


#74
1,2,4-Trimethylbenzene
Concen: 0.474 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:105 Resp: 216530

Ion	Ratio	Lower	Upper
105	100		
120	42.9	38.4	57.6
91	56.1	34.2	51.2#
77	22.2	15.8	23.8



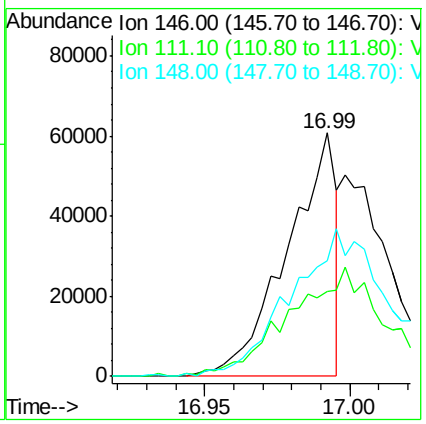


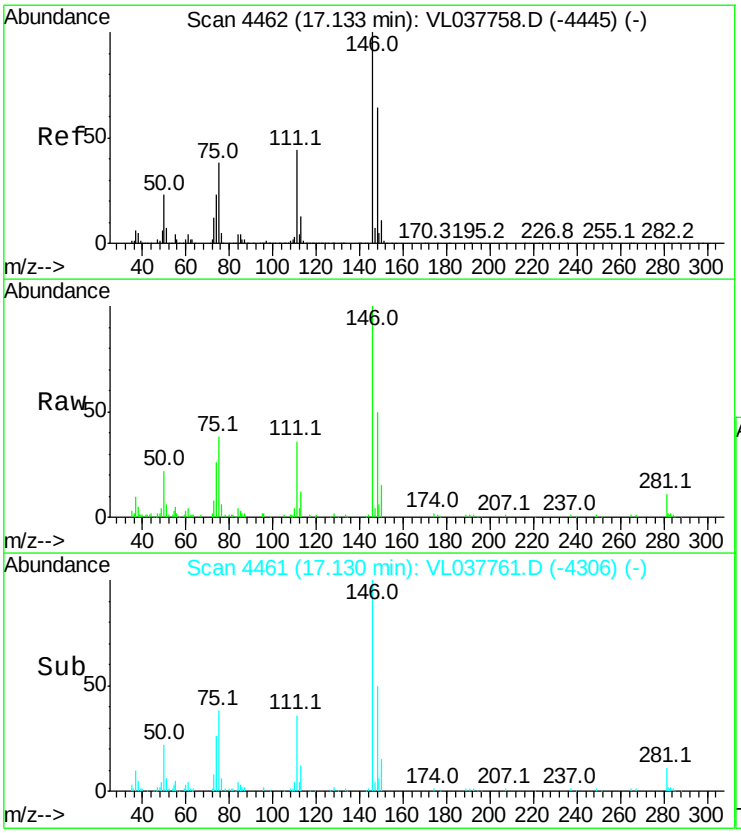
#75
1,3-Dichlorobenzene
Concen: 0.251 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 71212

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.4#
148	0.0	32.8	98.3#

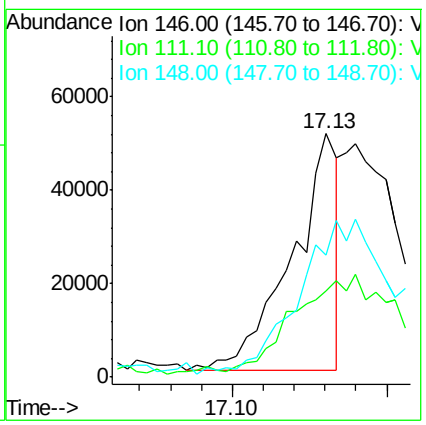


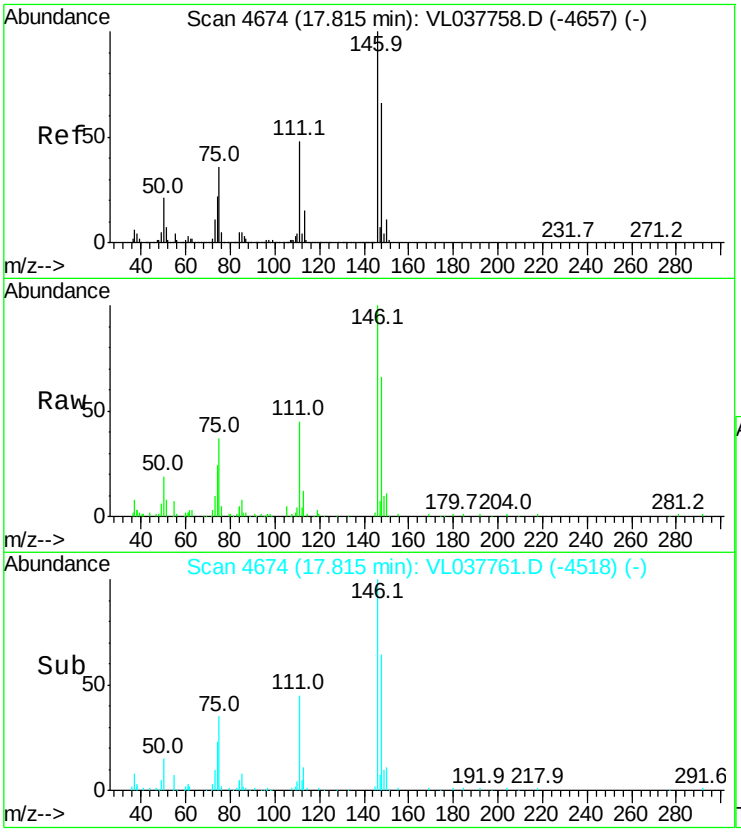


#76
1,4-Dichlorobenzene
Concen: 0.187 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. -0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:146 Resp: 52348

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.4	67.3#
148	0.0	33.3	99.9#



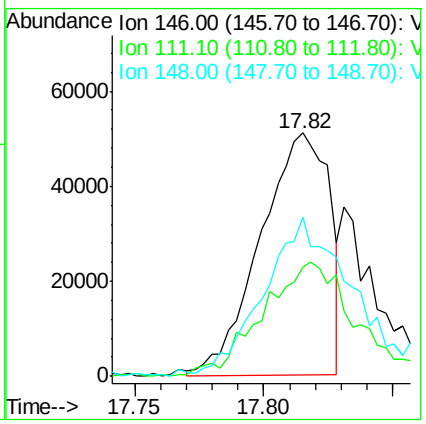


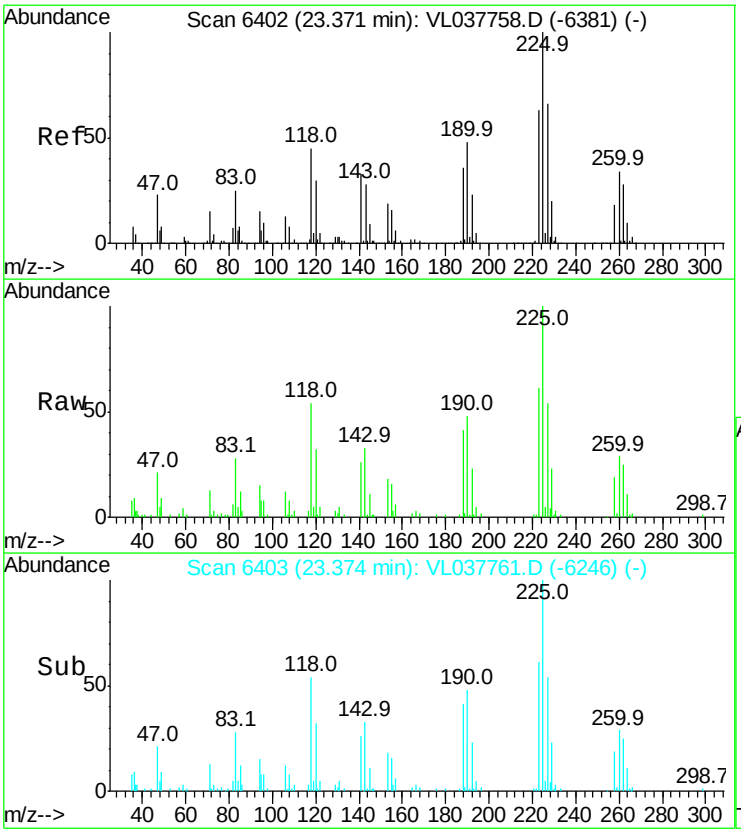
#77
1,2-Dichlorobenzene
Concen: 0.353 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 94915

Ion	Ratio	Lower	Upper
146	100		
111	67.4	23.6	70.8
148	89.4	32.9	98.6

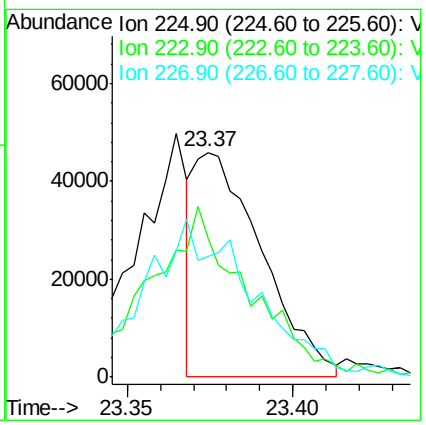


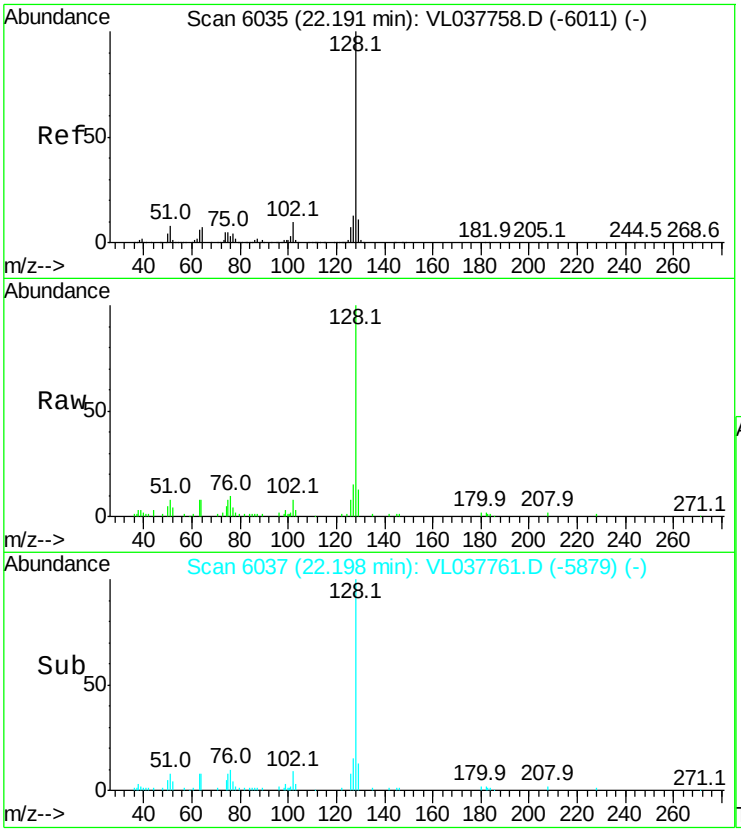


#78
Hexachloro-1,3-Butadiene
Concen: 0.284 ppbv
RT: 23.37 min Scan# 6403
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:225 Resp: 64347

Ion	Ratio	Lower	Upper
225	100		
223	119.2	51.2	76.8#
227	117.8	51.1	76.7#



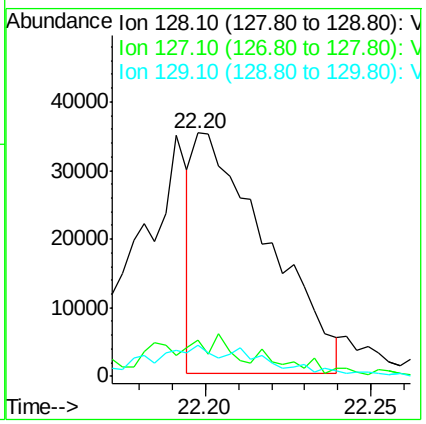


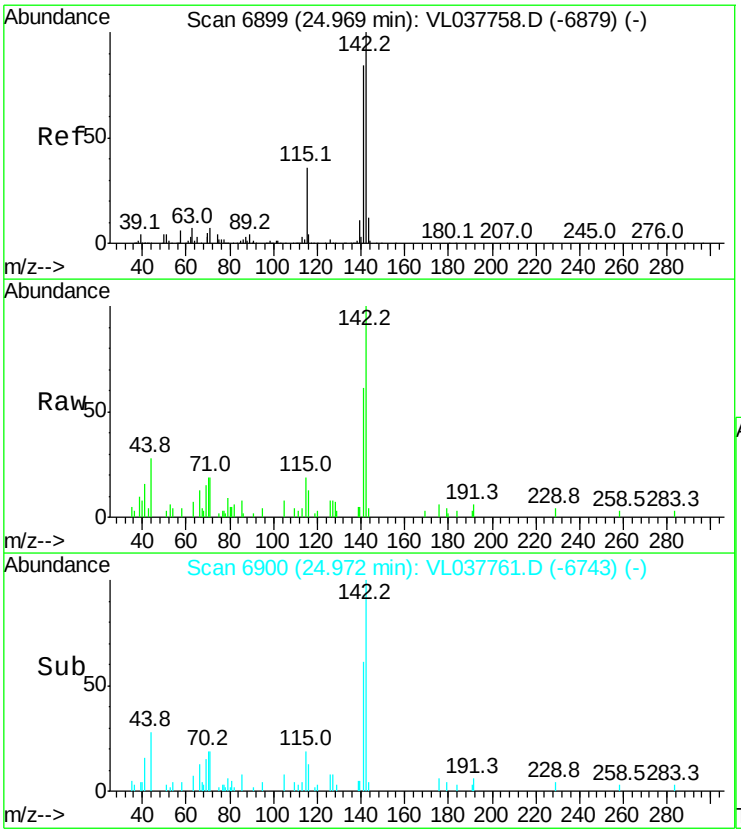
#79
Naphthalene
Concen: 0.193 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 53998

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	12.5	9.1	13.7

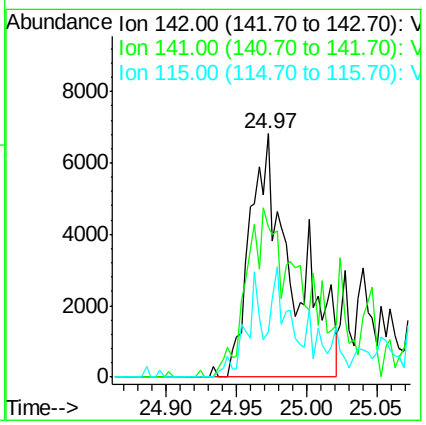


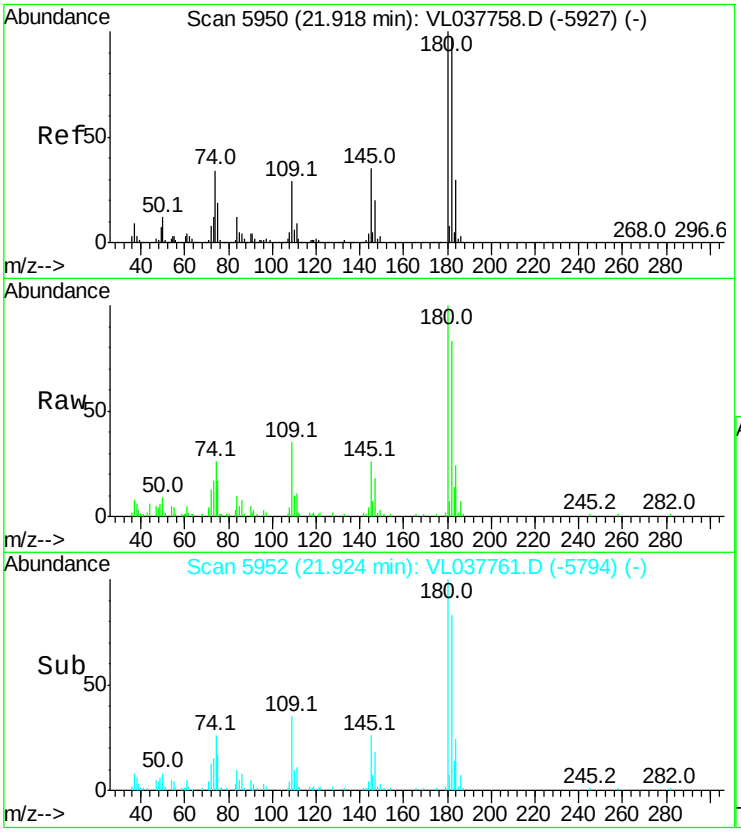


#80
Naphthalene,2-methyl-
Concen: 0.226 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.00 min
Lab File: VL037761.D
Acq: 4 Oct 2021 13:33

Tgt Ion:142 Resp: 14464

Ion	Ratio	Lower	Upper
142	100		
141	95.0	68.6	102.8
115	31.8	29.0	43.6





#81
1,2,4-Trichlorobenzene
Concen: 0.219 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 4 Oct 2021 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 39466

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.6	116.4#
184	0.0	25.0	37.4#